

Greater Manchester's Plan
for Homes, Jobs and the
Environment:

Greater Manchester Spatial
Framework Publication Plan
2020

Draft for Approval
October 2020

ANDY BURNHAM

Mayor of Greater Manchester

PAUL DENNETT

GM Portfolio Lead Housing, Homelessness and Infrastructure

1.	Introduction	7
	GMSF 2020: Publication Plan	10
	Relationship with District Local Plans	16
	Process for Producing the GMSF	16
	How to Get Involved	18
2.	Context	20
	Core Growth Area	24
	International Connections	24
	A Top Global City	26
	HS2	27
	The Northern Powerhouse	28
	Inclusive Growth Within Greater Manchester	30
3.	Our Vision	34
	Strategic Objectives	37
4.	Our Strategy	42
	Inclusive Growth	43
	Spatial Strategy	45
	Core Growth Area	47
	Inner Area Regeneration	55

	Boosting Northern Competitiveness	57
	Sustaining Southern Competitiveness	64
	Main Town Centres	72
	Strategic Green Infrastructure	74
	A Sustainable and Integrated Transport Network	75
5.	A Sustainable and Resilient Greater Manchester	79
	Sustainable Development	80
	Addressing Climate Change	81
	Resilience	89
	Flood Risk and the Water Environment	91
	Clean Air	93
	Resource Efficiency	98
6.	A Prosperous Greater Manchester	101
	Supporting Long-Term Economic Growth	102

	Employment Sites and Premises	108		Green Infrastructure Network	
	Office Development	109		Biodiversity and Geodiversity	156
	Industry and Warehousing	113		The Greater Manchester Green Belt	160
7.	Homes for Greater Manchester	120		Safeguarded Land	163
	Housing Need in Greater Manchester	121		9. A Greater Manchester for Everyone	167
	Housing Land Supply	122		Promoting Inclusion	168
	Distribution of New Housing Within Greater Manchester	125		Sustainable Places	169
	Phasing of New Housing in Greater Manchester	125		Heritage Culture	172
	Affordability of New Housing	128		Retail and Leisure	174
	Type, Size and Design of New Housing	129		Education, Skills and Knowledge	176
	Housing Densities	132		Health	177
8.	A Greener Greater Manchester	136		Sport and Recreation	179
	Valuing Important Landscapes	137		10. Our Network	181
	Greater Manchester's	139		Our Integrated Network	186
				Our Public Transport	187
				Our Streets	198
				Transport Requirements of New Development	202
					208

11. Allocations	213
Cross-Boundary Strategic Allocations	219
Strategic Allocations in Bolton	250
Strategic Allocations in Bury	255
Strategic Allocations in Manchester	267
Strategic Allocations in Oldham	272
Strategic Allocations in Rochdale	306
Strategic Allocations in Salford	324
Strategic Allocations in Stockport	338
Strategic Allocations in Tameside	362
Strategic Allocations in Trafford	377
Strategic Allocations in Wigan	392
12. Delivering the Plan	405
Implementation	406
Infrastructure Strategy	408

Delivering New Infrastructure	409
Monitoring	412
Appendices	
A. Replaced District Local Plan Policies	418
B. Additions to the Greater Manchester Green Belt	428
All Additions to the Green Belt	428
Additions to the Green Belt in Bolton	432
Additions to the Green Belt in Bury	434
Additions to the Green Belt in Oldham	448
Additions to the Green Belt in Rochdale	449
Additions to the Green Belt in Salford	457
Additions to the Green Belt in Stockport	462
Additions to the Green Belt in Tameside	469

Additions to the Green Belt in Trafford	481
Additions to the Green Belt in Wigan	482
C. GMSF 2020 Policies Map	489

Introduction



- 1.1** In January 2019 Greater Manchester set out bold plans to give people, communities and businesses hope and confidence for the future. They described how a pioneering Greater Manchester was ‘open for business’ globally, how we would thrive and prosper into the future, how we would support everyone to reach their full potential, and how we would ensure that nobody was left behind - the Future of GM.
- 1.2** Our plans focused on delivering the collective ambitions in the Greater Manchester Strategy: a good start in life for everyone; good opportunities for our young people to equip them for life; good work and the best jobs in a valuable, productive, zero carbon economy; safe, secure housing in inclusive and diverse communities; a good cultural and leisure offer for everyone; a green city-region; good health and support for people to live fulfilling lives, with quality care for those who need it; to be a good place to grow older and to be a place where everyone is connected – socially, digitally and by a clean, integrated and accessible transport system.
- 1.3** Those plans have been put into action, delivering:
- Significant falls in homelessness
 - An increase in new homes;
 - An economic plan for the city region, agreed with Government in a Local Industrial Strategy, delivering growth in GM’s world-leading sectors, and tackling low pay and insecure work through our Good Employment Charter;
 - The delivery of a new Metrolink line, and Opportunity Pass giving young people free bus travel;
 - Help for many people to get back into employment through our Working Well programmes of support;
 - Improvements to connectivity including through promotion of active travel and the extension of full fibre;
 - Programmes to support increased levels of school readiness.
- 1.4** Since we set out that vision and plans for the Future of GM, Covid-19 has had an unprecedented health and economic impact on our city region. It has affected every person and every business in every part of our city-region, however the impact has been unequal and unfair, starkly highlighting and deepening the inequalities we know have existed for many years and which we were beginning to change. There is now a substantive body of evidence proving that more deprived areas and our ethnic minority communities are experiencing higher mortality rates from Covid than other areas and communities.
- 1.5** The health impacts are ongoing, however the impacts on the economy are only just beginning to be understood. Many more people in Greater Manchester are now experiencing unemployment, businesses have closed or reduced staff numbers, with far more redundancies and business closures anticipated.

- 1.6 Covid 19 has had a major impact on the way people live and work over the shorter term with a high degree of uncertainty over its impact in the long term. In response the Government has been very clear that we need to positively plan for recovery. The Prime Minister made his Build, Build, Build announcement at the end of June 2020 setting a context for England as we recover from Covid-19.
- 1.7 The Chancellor's Statement at the beginning of July sought to kick-start the UK's economic recovery. A three point Plan for Jobs was unveiled to support, protect and create jobs, with total fiscal support amounting to £30 billion. Whilst the arrival of Covid 19 was not anticipated and its impact is very significant, our approach needs to be flexible to address unpredictable challenges that will arise over the course of any long-term strategy.
- 1.8 The Greater Manchester Independent Prosperity Review: One Year On report acknowledges that there is a high degree of uncertainty about the speed and pace of the economic recovery from Covid 19, let alone what the final impact will be, however the chair of the panel, Professor Diane Coyle concludes:
- 1.9 "All of us agree with Professor Ed Glaeser's crucial observation that now is not the time to lose confidence in the driving role that major city-regions have always played in improving collective prosperity and in leading national recovery from major traumas."
- 1.10 The emergence of a global pandemic in March 2020 rightly resulted in the Greater Manchester authorities pausing the production of the GMSF 2020 to understand what, if any, actions should be taken in relation to the level of development being proposed. Following an initial assessment of the potential impacts of Covid-19 on the economy, including the housing market, it became clear that there was insufficient evidence (either at a national or local level) to change the assumptions behind our growth targets.
- 1.11 Whilst it is recognised that the country is in a state of flux, it is very clear that to delay the production of the plan further could have a negative effect on the proper planning of the conurbation and therefore its recovery. Instead it is considered appropriate to proceed, but to use the process of plan review to monitor the situation and if necessary to undertake a formal review outside of statutory review timetable.
- 1.12 It is vital that GM has bold plans, shaping a better future for GM – building back better - rather than a future being shaped by others, building back the same. Covid has exposed economic and societal issues to address, and the need for a new approach with people at its heart, which embraces diversity, tackles inequalities, builds resilience and rebuilds productivity.

A renewed vision for Greater Manchester

- 1.13 In these extremely challenging times, the need for bold ambitious plans for good quality employment are critical. We are striving to define our new 'normal' however we know that we need to continue to invest in our city and town centres to drive our recovery. We need to continue to develop our Research and Development capabilities underpinned by our

excellent academic institutions as well as investing in strengthening existing, and creating new, employment locations so that all parts of Greater Manchester are able to contribute to, and benefit from, growth as part of a thriving Northern Powerhouse.

- 1.14** Jobs are not enough however if our residents lack the skills to take advantage of the opportunities. It is essential we create the conditions for everyone to reach their full potential. We need to both develop a skills offering that meets the needs of employers to support growing innovative businesses as well as support companies and individuals who need to work differently/in different sectors as a result of Covid. Of course, we need to underpin all of this with quality education, work and skills provision in all parts of Greater Manchester: using science and digital to engage people at a young age; developing a clear light of sight to opportunities; guaranteeing opportunities for all young People; and support those furthest from the labour market back into work.
- 1.15** Our vision is for a Greater Manchester which has capitalised on the opportunities highlighted by the recent pandemic, for example the increase in cycling and walking and the acceleration in flexible working, and harnessed this to cement real benefits for our towns and cities. This offers a real opportunity to support the transition of our centres as they experience the continued (and possibly accelerated) decline in their traditional retail role. Greater Manchester needs to be a place where we can meet the housing needs of our residents, where all of our people can access the services they require through high quality digital communications. And one of the biggest lessons of the pandemic is the importance of good quality greenspace close to where people live. This is particularly important in our densely populated and deprived neighbourhoods. Urban greenspace is under pressure and needs to be protected and enhanced wherever possible. The proposals for the first city centre park at Mayfield and the centrality of a 'green' living environment for the Stockport MDC are leading the way.
- 1.16** Our ambitions to be carbon neutral by 2038 have never been more necessary – we need to support the creation of resilient, liveable places where walking and cycling are the obvious choice for shorter journeys, where facilities and services are accessible and close at hand and where the past dependency on the car is superseded by a reliable and responsive public transport system.
- 1.17** The GMSF 2020: Publication Plan is our spatial plan to underpin our recovery.

GMSF 2020: Publication Plan

- 1.18** GMSF 2020: Publication Plan (GMSF 2020) has been produced following extensive consultation with stakeholders. Four consultations have already taken place. The first, in November 2014 was on the scope of the plan and our initial evidence base, the second in November 2015, was on the vision, strategy and strategic growth options, and the third, on a Draft Plan in October 2016.
- 1.19** The most recent consultation in 2019 on The Greater Manchester Plan for Homes, Jobs and the Environment: the Greater Manchester Spatial Framework Revised Draft 2019 produced over 17,000 responses, which alongside the evidence base we have developed, have informed our plan.

- 1.20** GMSF 2020 provides the opportunity to create the conditions for inclusive economic growth, provide opportunities for provision of much needed homes and protect and enhance the natural environment. Progressing our long-term Spatial Framework is therefore more important than ever to make sure GM is on the right track to support our recovery, build back better and access the necessary investment for realising our ambitions.
- 1.21** The GMSF 2020 will:
- set out how Greater Manchester should develop up to the year 2037;
 - identify the amount of new development that will come forward across the 10 districts, in terms of housing, offices, and industry and warehousing, and the main areas in which this will be focused;
 - identify the important environmental assets across the conurbation which will be protected and enhanced;
 - allocate sites for employment and housing outside of the urban area;
 - support the delivery of key infrastructure, such as transport and utilities;
 - define a new Green Belt boundary for Greater Manchester.
- 1.22** GMSF 2020 is not being prepared in isolation. Our Five Year Transport Delivery Plan outlines transport interventions required to achieve the transport vision for the city region. At the same time, the consultation on the Clean Air Plan will seek views on how Greater Manchester plans to tackle air pollution which contributes to around 1,200 early deaths in Greater Manchester every year, harming our health and our economy.
- 1.23** GMSF 2020 reinforces our ambition to bring forward brownfield land, it reduces the net loss of Green Belt further from the 2019 plan by reducing the number of sites being allocated, identifying a Broad Location and provides stronger protection for our important environmental assets. It enables Greater Manchester to meet its Local Housing Need, supports increased provision of affordable housing, promotes our new approach to town centres, supports wider strategies around clean air, walking and cycling and underpins our ambition to be a carbon neutral city-region by 2038.

Spatial Strategy

- 1.24** The GMSF 2020 spatial strategy seeks to deliver sustainable, inclusive growth. It has 3 key spatial elements:
- Significant growth in jobs and housing at the core – continuing development in the ‘core growth area’ encompassing the city centre and beyond to the Etihad in the east, through to the Quays, Trafford Park and Port Salford in the west. The majority of commercial employment growth is proposed in this area;
 - Inner Area Regeneration of those parts of Manchester, Salford and Trafford surrounding the Core Growth Area. Together with the Core Growth Area, around 40% of overall housing supply is found here;
 - Boosting the competitiveness of the northern districts – addressing the disparities by the provision of significant new employment opportunities and supporting infrastructure

and a commitment that collectively the northern districts meet their own local housing need;

- Sustaining the competitiveness of the southern districts – supporting key economic drivers, for example around Wythenshawe hospital and the Airport, Stockport Town Centre (including the Mayoral Development Corporation), realising the opportunities offered by national infrastructure investment, e.g. HS2, whilst recognising the important green infrastructure assets in the area.

Good jobs

- 1.25** In extremely challenging times, the need for bold ambitious plans for good quality employment are critical. We are striving to define our new ‘normal’ however we know that we need to continue to invest in our city and town centres to drive our recovery. We need to continue to develop our Research and Development capabilities underpinned by our excellent academic institutions as well as investing in strengthening existing, and creating new, employment locations so that all parts of Greater Manchester are able to contribute to, and benefit from, growth as part of a thriving Northern Powerhouse.
- 1.26** Opportunities for ‘re-shoring’, that is bringing manufacturing activity back to the UK, and the increasing demand for logistics and warehousing, could lead to opportunities for Greater Manchester to provide good employment opportunities across the conurbation. Meeting market demand for sites and infrastructure is essential however as all places in the UK will be seeking to capture growth to offset the impact of the economic downturn and the loss of jobs in our current growth sectors.
- 1.27** Greater Manchester has developed a Local Industrial Strategy, agreed with Government which sets out how the city region will build on its unique strengths and opportunities and capitalise on the creativity of its people to create a digital-enabled, green city region. This plan seeks to support Greater Manchester’s economic ambitions by providing land to meet the widest range of employment opportunities to ensure that Greater Manchester remains as competitive as possible in uncertain times.
- 1.28** The majority of new jobs will be in the City Centre and wider Core Growth Area stretching from Port Salford in the west to the Etihad campus in the east as well as around Manchester Airport. This area encompasses established employment areas such as Trafford Park, locations such as MediaCity which has seen strong growth over more recent times and our Universities which are driving growth in world leading research and development.
- 1.29** Our ambition is to deliver more inclusive growth to benefit all areas of Greater Manchester. We are currently not fully realising the possibilities of its key assets, for example the outstanding research base has much greater potential to support business activity and growth across the conurbation. Further improvements in transport connections and skills development are required to ensure that everyone can contribute to and share in the benefits of economic activity, helping to deliver genuinely inclusive growth.

- 1.30** Through this plan we are looking to create more favourable conditions for growth by providing sites for advanced manufacturing, digital and tech jobs in areas where the urban land supply cannot support the scale or quality of development required. In response to comments received both in 2016 and further in 2019, the amount of employment land identified up to 2037 has been significantly reduced since the 2016 GMSF (50%) to keep the release of Green Belt to a minimum and in order that the level of employment growth broadly correlates with the new housing requirement for Greater Manchester. Several of the sites are large in scale and will be partially delivered beyond 2037. We have also identified a potential growth area in north east Oldham as a Broad Location rather than an allocation to provide flexibility for the future.
- 1.31** Good homes
- 1.32** The Greater Manchester Housing Strategy sets out our vision for new homes and seeks to ensure that we consistently deliver the right homes in the right places, providing the number and mix of new homes for the future needs of Greater Manchester.
- 1.33** A key objective of GMSF 2020 is to meet our Local Housing Need – using the Government’s standard methodology this equates to almost 180,000 homes over the plan period (2020-2037). Government has been very clear that deviation from the standard methodology can only be justified in ‘exceptional circumstances’. No exceptional circumstances have been identified to justify deviation from the standard methodology in GMSF 2020.
- 1.34** By working together across Greater Manchester we have been able to direct development to the most sustainable areas – primarily the city and town centres – and enable most efficient use of our brownfield land supply.
- 1.35** The plan sets out an ambition for 50,000 additional affordable homes to be provided over the plan period as well as a requirement for all homes to meet the nationally described space standards and the ‘accessible and adaptable’ standard as set out in Part M of the Building regulations.

Good places

- 1.36** GMSF 2020 sets out our aspirations for our neighbourhoods –inclusive, well designed, resilient, safe and well served by local services. Connection to high quality and well managed green infrastructure is key –we are seeking to protect our most valuable green spaces and improve them by delivering a net gain in biodiversity assets. We are piloting the development of a Local Nature Recovery Network Strategy with Natural England.
- 1.37** As part of this work we have identified our most important ‘Green Infrastructure’ – for example our parks, open spaces, trees, woodlands, rivers and canals which provide multiple benefits and make a huge contribution to quality of life, promote good mental and physical health and supports economic growth. The strategic Green Infrastructure network in Greater Manchester is extensive. Around 60% is within the Green Belt and therefore is afforded significant policy protection. The remaining 40% (20,000 hectares) does not meet the tests of Green Belt but it is very important for the continued wellbeing of the city-region.

Brownfield preference

- 1.38** As part of this consultation we are being as transparent as possible about the land we have identified within the urban area. An updated land supply position is published alongside this consultation. Districts have looked to maximise the contribution of brownfield land by applying higher densities in the most accessible locations, reviewing the employment land supply and seeking to identify more opportunities in our town centres. By working together the 10 districts have been able to maximise the supply of the brownfield land at the core of the conurbation and limit the need extent of Green Belt release.
- 1.39** The majority of development between 2020 and 2037 (the "plan period") will be on land within the urban area, most of which is brownfield land. Within the plan period around 88% of housing, 99% of offices and 47% of industrial and warehousing development is within the urban area.
- 1.40** National planning policy does not support an explicit 'brownfield first' approach, as Local Authorities are required to be able to provide a 5 year supply of housing sites which are available and deliverable. If we cannot demonstrate that our brownfield land is available and then we are required to identify other land which is – this may be Protected Open Land or Green Belt.
- 1.41** We are however adopting a 'brownfield preference' policy – we will do all that we can to make sure that our brownfield sites comes forward in the early part of the plan period however to do this we need to continue to press Government for support to remediate contaminated land, to provide funding for infrastructure and to support alternative models of housing delivery.
- 1.42** Our Strategic Viability Study identifies challenges with a significant proportion of our land supply and this is acknowledged within the plan by the provision of a land supply 'buffer'. The recently announced Brownfield Land Fund is targeted at Combined Authorities and the £81m allocated to Greater Manchester begins to help to address viability issues across the conurbation, but it is not enough. We are bidding for more funding but further discussions with Government are critical to enable the full potential of our brownfield land supply to be realised.
- 1.43** The plan supports the continuing renewal of our town centres, with an increase in the supply of land identified for housing. Our strategic approach to town centres is complemented by the Mayor's Town Centre Challenge, the most visible expression of this being the Mayoral Development Corporation in Stockport Town Centre. Government has also recognised the need to strengthen the role of town centres and several of our towns have been successful in accessing funding through the Future High Street Fund and Towns Fund.

Green Belt

- 1.44** Given the lack of sufficient land to ensure that the overall housing and employment needs of Greater Manchester can be met, it is considered that there is a strategic exceptional circumstances case to be made to release Green Belt for development. However, this release

has been kept to the minimum and has been done in locations which will help to meet the overall vision and objectives for the future of GM. The strategic case and the detailed case for each strategic allocation is set out in the ‘Our Case for Exceptional Circumstances’ paper.

- 1.45** The release of Green Belt has not been proposed lightly and evidence has been prepared to demonstrate how the harm that this could cause to the remaining Green Belt land can be mitigated, including identifying opportunities to improve and enhance green infrastructure within the remaining Green Belt land. We are also proposing to add new Green Belt where we have identified land that meets the purposes of Green Belt. These proposals have been incorporated into the GMSF 2020 Plan as part of the overall proposals.

Net loss

- 1.46** The net loss of Green Belt has been reduced by over 60% since 2016 through:
- reducing the number of proposed sites
 - reducing the loss of Green Belt within sites
 - proposing ‘new’ Green Belt additions
- 1.47** The net amount of Green Belt land proposed for release is 1939 hectares – this means a 3.25% reduction in the size of the Green Belt compared to an 8.2% reduction in 2016.
- 1.48** Greater Manchester covers approximately the same land area as London, however unlike London, almost half (46.7%) is designated as Green Belt. The proposals in Greater Manchester Spatial Framework: Publication Plan 2020 would result in a Green Belt covering 45.1% of Greater Manchester.

Becoming Carbon Neutral by 2038

- 1.49** GMSF 2020 sets out proposals to support the Greater Manchester ambition to be a carbon neutral city-region by 2038. A key element of this is to require all new development to be net zero carbon by 2028 at the latest – we do not want to build homes and workplaces which require retrofitting in the future and we have set an ambitious target, backed up by our evidence to achieve this as soon possible. Our commitment to keep fossil fuels in the ground remains, at this time therefore Greater Manchester authorities will not support fracking.

Infrastructure required to support scale and pattern of growth

- 1.50** Many of the responses raised the issue of the impact of new development on existing infrastructure. As the majority of new development will be in the urban area, the capacity of the existing infrastructure is particularly important. We have looked at the major challenges that we consider our existing infrastructure networks will have to respond to and have produced an Infrastructure Framework setting this out.
- 1.51** Since the 2019 consultation we have undertaken significant work on our transport evidence base, both in relation to the urban area and the strategic allocations. A refreshed Greater Manchester Transport Strategy 2040, Our Five Year Transport Delivery Plan (2020-2025)

and Local Implementation Plans are published alongside GMSF 2020. Our Transport Delivery Plan sets out all the transport projects we hope to achieve in the next five years to ensure that the planned new housing and employment can be sustainably integrated into Greater Manchester's existing transport infrastructure as far as possible. GM has an unparalleled track record in delivery of transport projects, and a large number of projects are identified for delivery in the next five years, including Metrolink capacity improvements through the introduction of 27 new trams; better rail infrastructure including on the Castlefield corridor, Transpennine Route Upgrade to Leeds and 'Access for All' station improvements; bus network and town centre improvements including a new interchange in Stockport; £160m new walking and cycling infrastructure across all ten districts; expanding the city-region's electric vehicle charging network; and development of the Clean Air Plan.

- 1.52** Our Transport Delivery Plan also set out how we plan to deliver our longer-term aspirations for an integrated transport network that supports future growth. It includes, amongst other things, plans for improved orbital public transport links, capacity enhancements to the rail and metrolink networks, clean air measures, transformative investment in walking and cycling, and reform of the GM bus market. All of these will contribute to our carbon reduction goals and delivery of our transport vision.
- 1.53** The detailed policies for site allocations and the thematic policies for new development, together, set out the necessary infrastructure requirements and sites will not come forward unless it can be demonstrated this will be provided. Proposals for new Metrolink stops, improved walking and cycling connections, and new or improved public transport services, all form part of the package for the allocations – which, when combined with the investment proposals flagged in Our Transport Delivery Plan, will enable a significant change in the sustainability of the transport network.

Relationship with District Local Plans

- 1.54** GMSF 2020 is the strategic spatial plan for Greater Manchester and sets out the planning policy framework for the whole of the city-region. All policies within the plan are "strategic policies". It is being prepared as a Joint Development Plan Document of the 10 local planning authorities. It is a strategic plan and does not cover everything that a district local plan would. Districts will continue to produce their own Local Plans setting out more detailed policies reflecting local circumstances. Appendix A sets out the policies in the GM district local plans which will be replaced by the GMSF 2020.
- 1.55** Once GMSF 2020 is adopted it will form part of each Greater Manchester authority's development plan. The evidence that underpins the GMSF 2020 will also inform district level plans.

Process for Producing the GMSF

- 1.56** Following a recommendation from AGMA Executive Board in November 2014, the 10 Local Planning Authorities in Greater Manchester (Bolton, Bury, Manchester, Oldham, Rochdale, Salford, Stockport, Tameside, Trafford and Wigan) agreed to prepare a joint Development Plan Document to set out the approach to housing and employment land across Greater

Manchester for the next 20 years. In November 2014 the first devolution agreement provided for an elected Greater Manchester Mayor with responsibility to produce a Spatial Strategy. The first Mayor was elected in May 2017. It was intended that this would be the first Spatial Development Strategy prepared outside of London. The regulations are not fully in place to allow for the preparation of the type of Spatial Development Strategy we require, so the GMSF is continuing as a Development Plan Document.

- 1.57** This consultation will be undertaken under Regulation 19 of the Town and Country Planning (Local Planning) (England) Regulations 2012. This is known as the 'Publication stage', a formal consultation on the draft joint DPD which it is intended to submit to the Secretary of State for examination.
- 1.58** At this stage, whilst anyone can make a representation on any point, only those pertaining to 'soundness' will be taken into account by the Inspector(s). The term 'sound' is used to describe a Local Plan that has been prepared in accordance with what Government expects of local planning authorities. These expectations are set out in paragraph 35 of the National Planning Policy Framework:
- "Positively prepared - the plan should be prepared based on a strategy which seeks to meet objectively assessed development and infrastructure requirements, including unmet requirements from neighbouring authorities where it is reasonable to do so and consistent with achieving sustainable development". **This means that the Greater Manchester councils must produce a plan which promotes economic growth and makes provision for the homes, employment and infrastructure which it determines is needed.**
 - "Justified - the plan should be an appropriate strategy, when considered against the reasonable alternatives, based on proportionate evidence". **This means that the Greater Manchester councils must have considered other policies and determined its approach based upon the most up to date and robust evidence including population figures, economic forecasts, Strategic Housing Market Assessment, land availability etc.**
 - "Effective - the plan should be deliverable over its period and based on effective joint working on cross-boundary strategic priorities". **This means that the Greater Manchester councils must be confident that the policies within the GMSF can be achieved within the plan period (2020 to 2037). Greater Manchester councils must also work with neighbouring authorities such as Rossendale, Cheshire East, Warrington and Derbyshire.**
 - "Consistent with national policy - the plan should enable the delivery of sustainable development in accordance with the policies within the National Planning Policy Framework". **The National Planning Policy Framework sets out the Government's policies for planning in England. Policies within the GMSF must not conflict with these policies.**

- 1.59** At the end of the consultation period, the draft joint DPD and all representations received are then sent to the Secretary of State (the “Submission stage”) pursuant to Reg. 22 of the Local Planning Regulations. Submission is likely to happen in summer 2021. The Secretary of State will pass these on to the Planning Inspectorate who will arrange an Examination into the plan.

How to Get Involved

- 1.60** The consultation will begin on 1st December 2020 and run for 8 weeks, ending on 26th January 2021.
- 1.61** The consultation portal gmconsult.org will become live at the beginning of the consultation.
- 1.62** The easiest way to respond is online - it counts just as much as a postal submission and is easy to do. You can access the online consultation at gmconsult.org once the consultation has formally begun. This will help all of us to stay safer both in terms of responding but also when staff are handling the responses. However, we know that some people prefer to respond by email or post. Details of how to respond by email or post will be made available.
- 1.63** If you have any questions about the process, how to access the documents or how to respond when the consultation opens, you can email planningandhousing@greatermanchester-ca.gov.uk or leave a message on the following number 0161 778 7006 and someone will get back to you.

Context



Greater Manchester

- 2.1** Greater Manchester has a long and proud history. It became the world's first industrial city, when its position as the global hub for textile manufacturing led to rapid urbanisation and numerous technological innovations, including the world's first steam passenger railway. It has also been at the forefront of hugely influential social and political movements, being the birthplace of both the modern cooperative movement and the suffragettes, as well as leading the campaign to repeal the Corn Laws in the nineteenth century which ushered in the start of the modern global economy. England's first civic university, the University of Manchester, was established in the city-region and the area is now home to four universities that play a leading role in social and economic progress.
- 2.2** Today, Greater Manchester is a vibrant, dynamic and diverse city-region, which continues to play an important role in the economic and social fabric of the country and the wider world.
- 2.3** Greater Manchester consists of the ten local authority areas of Bolton, Bury, Manchester, Oldham, Rochdale, Salford, Stockport, Tameside, Trafford and Wigan. It is located at the heart of the UK, with easy access to all its constituent nations and is only a short distance from other major cities such as Leeds and Liverpool. Manchester Airport is the UK's third largest airport, London is only two hours away by rail, and there are also direct rail connections to other major cities of the North of England. Greater Manchester has good motorway infrastructure providing links across the country.

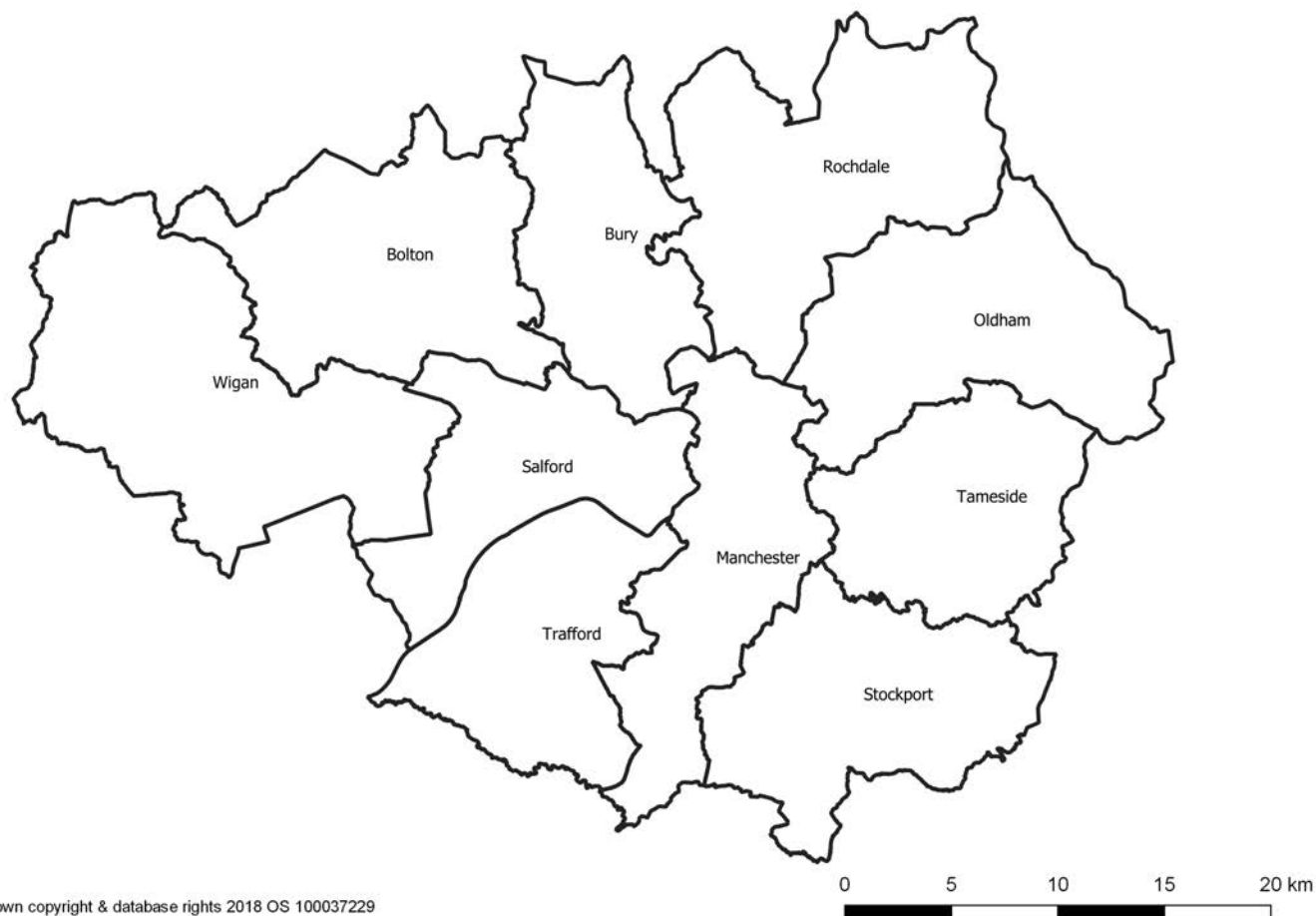


Figure 2.1 The 10 districts of Greater Manchester

- 2.4** Greater Manchester is home to around 2.8 million people, and has seen an increase of over 200,000 residents in the last decade alone. The population is forecast to grow by around another 190,000 people by 2037, and this, in turn, will contribute to a significant increase in households. 69% of the population growth is expected to be in those aged 65 and over, and approximately 40% of the growth will be amongst those aged 75 and over. Growth in the working age population (18-64) will be lower (approximately 40% of the total growth), but still significant at around 75,000. This concentration of growth is likely to continue in the future, with Manchester, Salford and Rochdale forecast to account for around 47% of population growth over the period 2020-2037.
- 2.5** Greater Manchester is one of the most economically diverse conurbations in the UK.⁽¹⁾ It is the main driver of the Northern economy, generating nearly 40% of total output (GVA) in the North West and almost 20% across the North of England.

1 ONS (2016) Krugman Specialisation Index

- 2.6** Around 1.4 million jobs are provided within Greater Manchester, with considerable growth over the last few decades in service sector employment such as professional services and administration. There has been a considerable reduction in manufacturing jobs, but this sector continues to be one of the most productive in Greater Manchester. The baseline economic forecast foresees an increase of around 100,000 jobs by 2037, with similar changes in the sectoral mix to the recent past, although a more ambitious accelerated growth scenario estimates an increase of just over 170,000 jobs. Employment opportunities are unevenly dispersed across Greater Manchester, with by far the most significant concentration currently being in the City Centre and adjoining areas such as Salford Quays, which collectively account for around 20% of all jobs. Baseline economic trends⁽²⁾ suggest the majority of the employment growth would be in Salford, Manchester and Trafford. The remaining districts would see only modest change in employment in the period 2020-37, with some districts (Oldham, Rochdale, Tameside and Wigan) seeing small decreases in total employment in this period.
- 2.7** There are two significant challenges which will impact upon Greater Manchester over the coming years: the exit of the UK from the European Union and the Covid-19 pandemic. There are significant uncertainties over future trade and customs arrangements, the level and type of international migration, future exchange rate movements and the impacts that all of this could have for business investment, job creation and labour supply as a result of the UK exit from the European Union.
- 2.8** As set out in the Independent Prosperity Review, 'One Year On' report, the COVID-19 pandemic has significantly added to the uncertainty: "At the time of writing, there remains a high degree of uncertainty about the speed and pace of the economic recovery from COVID-19, let alone what the final impact in 2020 will be. There have been a succession of assessments of the likely impact of COVID-19 on the UK economy by a range of private forecasting consultancy, research firms and think tanks such as the Institute for Fiscal Studies (IFS) and National Institute of Economic and Social Research (NIESR), and by the Bank of England and by the Office of Budget Responsibility (OBR). All those attempting any assessment of likely economic effects emphasise the extraordinary level of uncertainty at present. The normal forecasting tools and models are not well designed to assess a shock like COVID-19. This stems from the fact that this is a health-driven economic shock which is unlike previous economic shocks (such as the 2008 Great Financial Crisis) so we cannot simply apply the lessons from previous recessions. The OBR summarises these uncertainties as being:
- The course of the pandemic and the development of effective vaccines and treatments
 - The speed and consistency with which the government can lift public health restrictions (ie "lockdown" measures)
 - The response of individuals and businesses as it does so (in terms of consumer confidence etc), and
 - The effectiveness of the policy measures put in place to protect viable businesses, foster new opportunities and sustain employment."

- 2.9** However, Professor Diane Coyle, Chair of the Independent Prosperity Review Panel concludes; “All of us agree with Professor Ed Glaeser’s crucial observation that now is not the time to lose confidence in the driving role that major city-regions have always played in improving collective prosperity and in leading national recovery from major traumas.”

Core Growth Area

- 2.10** This covers the City Centre and the Quays and extends eastwards to include Central Park and the Etihad campus, and westwards through Trafford Park which is one of Europe’s largest industrial estates. This area provides a huge scale and diversity of economic opportunity, which is accessible from across Greater Manchester and beyond.
- 2.11** The Core Growth Area offers the conditions to boost the role of Greater Manchester as a Global City. It is the home of many global businesses and continues to attract high profile companies seeking to invest. Conditions for growth are in place, with high rates of productivity, innovation and global competitiveness. The Core Growth Area offers businesses, residents and visitors access to a highly skilled population, a wide range of premises and accommodation, digital infrastructure, excellent accessibility, a high quality environment, cultural and retail opportunities.
- 2.12** The growth potential of the Core Growth Area will continue through higher density development, building in opportunity areas, The Oxford Road Corridor, the existing office sectors, HS2 station proposals and improving the connections to other areas of Greater Manchester, which will all assist growth within Greater Manchester. However, it will be particularly important that it has outstanding local and global connections supporting its wider reach.
- 2.13** The universities and the knowledge economy are another important asset for Greater Manchester, with a high concentration of students, research activity and scientific institutions. This activity is primarily focused within the City Centre, with The Oxford Road Corridor being an internationally important location in this regard. The strong cultural identity of Greater Manchester is another distinguishing factor, with a global reputation for sports and the arts. Once again, the greatest concentration is within and around the Core Growth Area, but importantly it is also seen across the rest of Greater Manchester with a diverse range of identities and activities.

International Connections

- 2.14** Manchester Airport is the third busiest passenger airport in the UK, and the largest outside London, handling c. 28 million passengers in 2019 and adding £1.4bn GVA to the regional economy and supporting c. 25,000 jobs on-site. It is the only airport in the country other than Heathrow to have two full length runways, but with the key advantage of having significant spare capacity, and the potential to grow to some 55 million passengers a year. Unique among non-London airports, it has the infrastructure, connectivity and scale to sustain a growing network of medium and long-haul routes. This enables northern Britain to benefit from a major international air gateway for both business and leisure traffic, passengers and freight. This is a vitally important role not just for Greater Manchester but also for a much

wider area across the North and Midlands, enabling businesses and residents to access opportunities across the globe and providing a key access point for international visitors to the UK. The airport is a key factor in realising the wider growth agenda for the North and unlocking the economic potential of cities and regions within its catchment area with approximately 22 million people living within two hours of it. More locally, the emerging Airport City development (part of the Greater Manchester Enterprise Zone) is creating a major new economic asset for Greater Manchester, attracting global occupiers and investment attracted by the unrivalled connectivity.

- 2.15** Excellent international freight connections will also support Greater Manchester's global role, enabling the large-scale import and export of goods and components. The Manchester Ship Canal provides a direct shipping route from Greater Manchester to the Port of Liverpool, where post-Panamax facilities can accommodate the largest container vessels from around the world. Port Salford will provide an integrated tri-modal facility on the ship canal, with excellent rail and road links, enabling the whole of Greater Manchester to benefit from easy port access. This will be complemented by maintaining and enhancing freight connections to other major ports by rail and motorway, including the Humber ports, Felixstowe, London Gateway and Southampton.
- 2.16** The GMSF seeks to enhance and take advantage of these outstanding international connections, supporting the long-term growth of Greater Manchester and the ability of residents to share in its benefits. Greater Manchester is therefore ideally placed to drive growth in the North of England, and help provide a balance to the strength of London and the South East. However, this will not only require an appropriate scale and distribution of development and infrastructure investment within Greater Manchester, but also major improvements in transport connections to other parts of the North, including Northern Powerhouse Rail and motorway network enhancements.

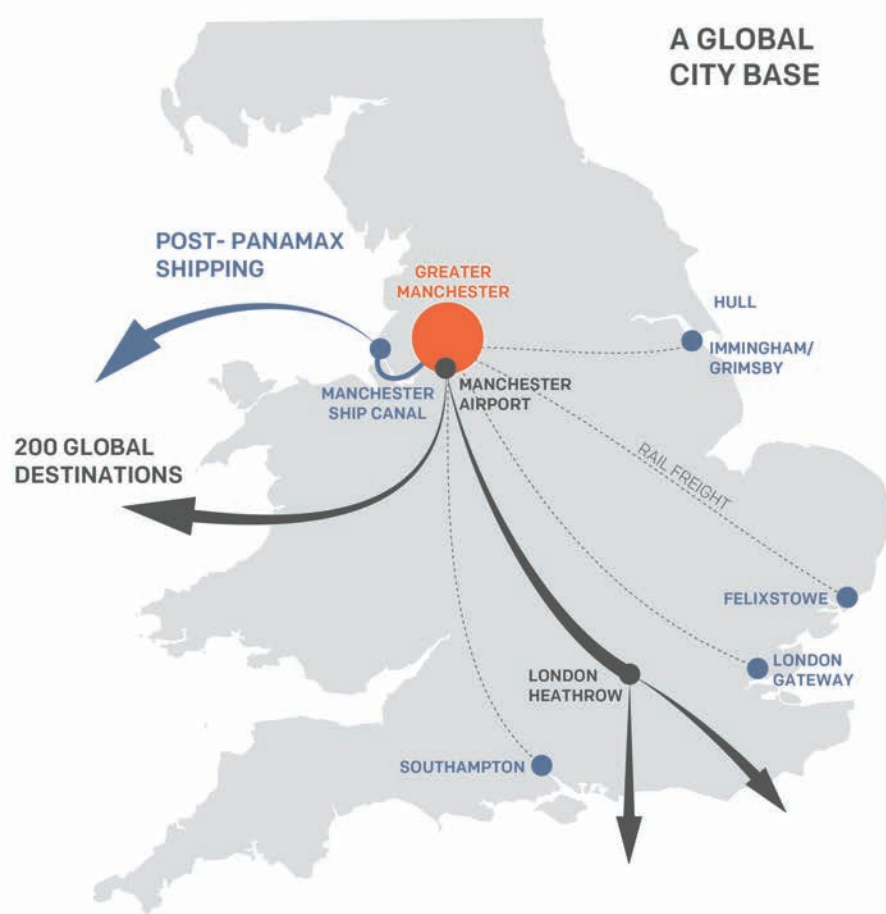


Figure 2.2 A Global City

A Top Global City

- 2.17** By the end of the GMSF period, Greater Manchester aims to be a top global city.⁽³⁾ To do this it will require a range of attributes, including a strong economy, skilled residents, a high quality of place and the environment, and a diverse portfolio of investment and development opportunities.
- 2.18** Having a stronger international outlook will be an essential aspect of this. Greater Manchester will be a key gateway into and out of the UK, trading across the world. It will be capable of competing internationally for investors, visitors, businesses, skilled workers, academic talent and students. At the same time, ensuring that the resident population can take advantage of the associated opportunities will be a high priority. Supporting growth in high value activity in sectors and on assets that are, or have the potential to be, world-leading and globally distinctive is a key part of our Local Industrial Strategy.

3 GMCA, The Manchester Growth Company and Greater Manchester Local Enterprise Partnership (2017) *The Greater Manchester Internationalisation Strategy 2017-2020* GMCA, Our People, Our Place: Greater Manchester Strategy (2017)

- 2.19** If Greater Manchester can realise its ambition to be a top global city then this would put the UK in the enviable position of having two global cities within 200 miles of each other. London is already established as one of the most successful cities in the world, often appearing in the top two in international indices along with New York. Both Greater Manchester and London acting as global cities could be hugely beneficial for the national economy, providing an outstanding scale, diversity and quality of activity. Maximising connections between the two will be vital to realising this potential, offering additional agglomeration economies.
- 2.20** At the same time, it will be important to maintain the distinctiveness and independence of Greater Manchester and avoid it being seen as a satellite of London. Greater Manchester will be a different type of global city to London, smaller and more affordable, retaining its innovative character and with a strong emphasis on inclusion and quality of place. The fact that it can offer a more cost-effective option to London in a high quality environment, complementing the capital and regional cities, will help it to attract investment that would otherwise not come to the UK.
- 2.21** Greater Manchester has agreed a Local Industrial Strategy with Government. The Local Industrial Strategy has two key objectives:
- **Supporting our globally competitive strengths** - Building on our globally competitive research strengths and emerging industrial opportunities, enabling us to pioneer emerging sectors, create significant global competence and add value to our local economy as new sectors grow and flourish.
 - **Strengthening the foundations of our economy** - Strengthening our people, infrastructure, business environment, innovation ecosystems and places, enabling all sectors and all places in Greater Manchester to be productive and prosperous.
- 2.22** We need to grasp global opportunities emerging from changes to world markets and develop industries of the future, while also ensuring competitiveness and job quality in our high employment, low productivity sectors.

HS2

- 2.23** Greater Manchester currently benefits from good links to London, with direct rail routes from the City Centre, Stockport and Wigan taking around two hours. The proposed HS2 high-speed rail connections will reduce journey times to London to 67 minutes from the City Centre and just over an hour from Manchester Airport. They would also bring the major regional city of Birmingham within 41 minutes by train. These enhanced connections will help to deliver a more integrated national economy, opening up much greater business opportunities to support UK growth. The timely delivery of HS2 will have major benefits for the Country as a whole as well as for Greater Manchester. The benefits of HS2 are multiplied when combined with Northern Powerhouse Rail (NPR) and other committed investments in our rail networks. To capitalise on the opportunity, Greater Manchester is proposing a series of complementary investments to bring maximum benefits from high speed rail to residents. The Greater Manchester HS2 and Northern Powerhouse Rail Growth Strategy – The Stops Are Just The Start sets out our proposals for local infrastructure investment to support the HS2 and NPR

facilities which will embed them within our wider strategic plans, ensuring that people are well connected to the new homes and job opportunities that these investments offer and delivering the right training and skills to empower the next generation to continue to make our city-region successful.

The Northern Powerhouse

- 2.24** The concept of the Northern Powerhouse is central to the overall strategy for delivering more even and inclusive growth across the UK, counterbalancing the dominance of London and the South East. The Government has described the Northern Powerhouse as “a vision for joining up the North’s great towns, cities and counties, pooling their strengths, and tackling major barriers to productivity to unleash the full economic potential of the North”.⁽⁴⁾
- 2.25** The strength and strategic location of Greater Manchester puts it in an ideal place to act as the primary driver for the Northern Powerhouse. Equally, Greater Manchester would benefit significantly from nearby locations in the North being more economically prosperous, as this would provide access to a wider range and diversity of businesses opportunities and to an even larger pool of skilled labour. Hence it will be important to deliver relatively high levels of growth within Greater Manchester for the wider benefit of the North.

4 HM Government (November 2016) Northern Powerhouse strategy

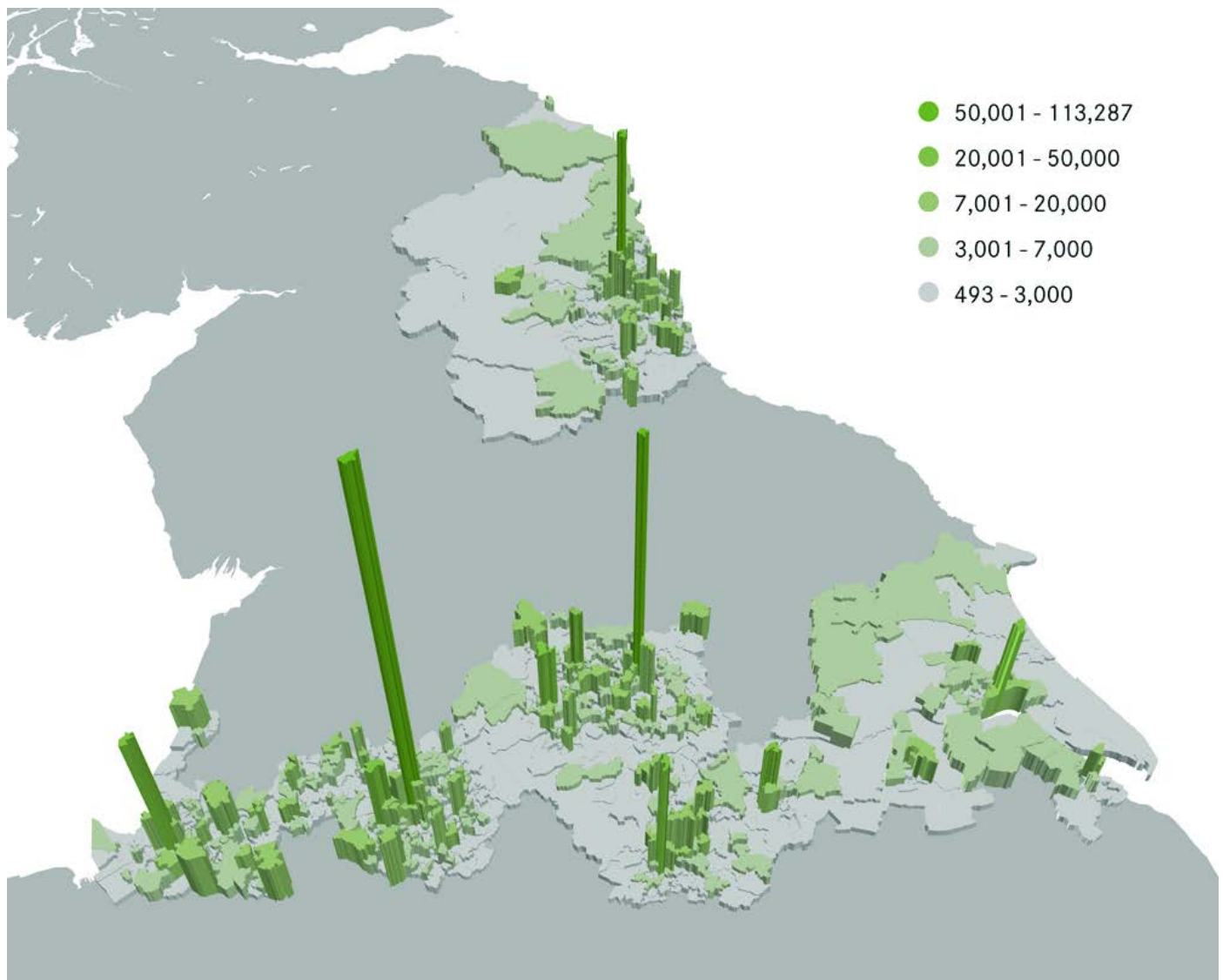


Figure 2.3 Geography of jobs across the Northern Powerhouse (source: Centre for Cities (June 2015) Northern Powerhouse factsheet: Key figures on the city regions in the Northern Powerhouse, p.5)

2.26 Improving connections between Greater Manchester and other parts of the North, and to other areas such as the Midlands, will be central to delivering the vision for the Northern Powerhouse. Transport for the North published their Strategic Transport Plan in February 2019. The Plan seeks to enable the North to achieve its full potential and is an opportunity to address decades of under investment and provide a legacy for future generations. The fundamental challenge for the North's economy is to improve the economic interaction between the key economic assets and clusters of the North to improve the sharing of knowledge, supply chains, resources, and innovation to drive agglomeration benefits and productivity. The major northern cities of Liverpool, Leeds and Sheffield are within 40 miles of Greater Manchester, as are other significant settlements such as Bradford, Preston, Warrington, Chester and Stoke-on-Trent. At present connectivity between the North's towns and cities, and beyond, restricts growth and opportunities. Commuting between Manchester and Leeds is 40% lower than expected when compared to city pairs that are similar distances

apart in the UK. Better transport connectivity increases the physical proximity of firms, workers and consumers and concentrates economic activity in clusters. Improving transport connections between the North's cities, towns, economic centres, infrastructure and assets allows for greater opportunities for employment, collaboration and knowledge sharing. Importantly, it would also enable other parts of the North to take advantage of Greater Manchester's key assets and its role as a key international gateway and emerging top global city, connecting more people to Manchester Airport and the proposed HS2 services to London.

- 2.27** The Northern Powerhouse Rail proposals will dramatically improve journey times to 30 minutes or less from the City Centre and Manchester Airport to Liverpool, Leeds and Sheffield, through a combination of new and improved lines. This will bring these surrounding major cities within an easy commuting time of Greater Manchester. The M62 motorway is already an important east-west spine within the North, connecting Greater Manchester with Leeds and Liverpool, and further east through to Hull and the Humber ports. The ongoing North West Quadrant Study will identify how capacity, journey times and reliability can be improved on the M62/M60 around Greater Manchester, further aiding the integration with Leeds and Liverpool. The proposed Trans Pennine Tunnel has the potential to deliver similar benefits for road transport between Greater Manchester and Sheffield. In the southern part of Greater Manchester, the study at the Airport around the M56 and the proposed study of the M60 corridor in the south-east will also be key. These transport schemes will play a very important role in realising the potential of Greater Manchester and the wider North.
- 2.28** Greater Manchester is therefore ideally placed to drive growth in the North of England, and help provide a balance to the strength of London and the South East. However, this will not only require an appropriate scale and distribution of development and infrastructure investment within Greater Manchester, but also major improvements in transport connections to other parts of the North, including Northern Powerhouse Rail and motorway network enhancements.

Inclusive Growth Within Greater Manchester

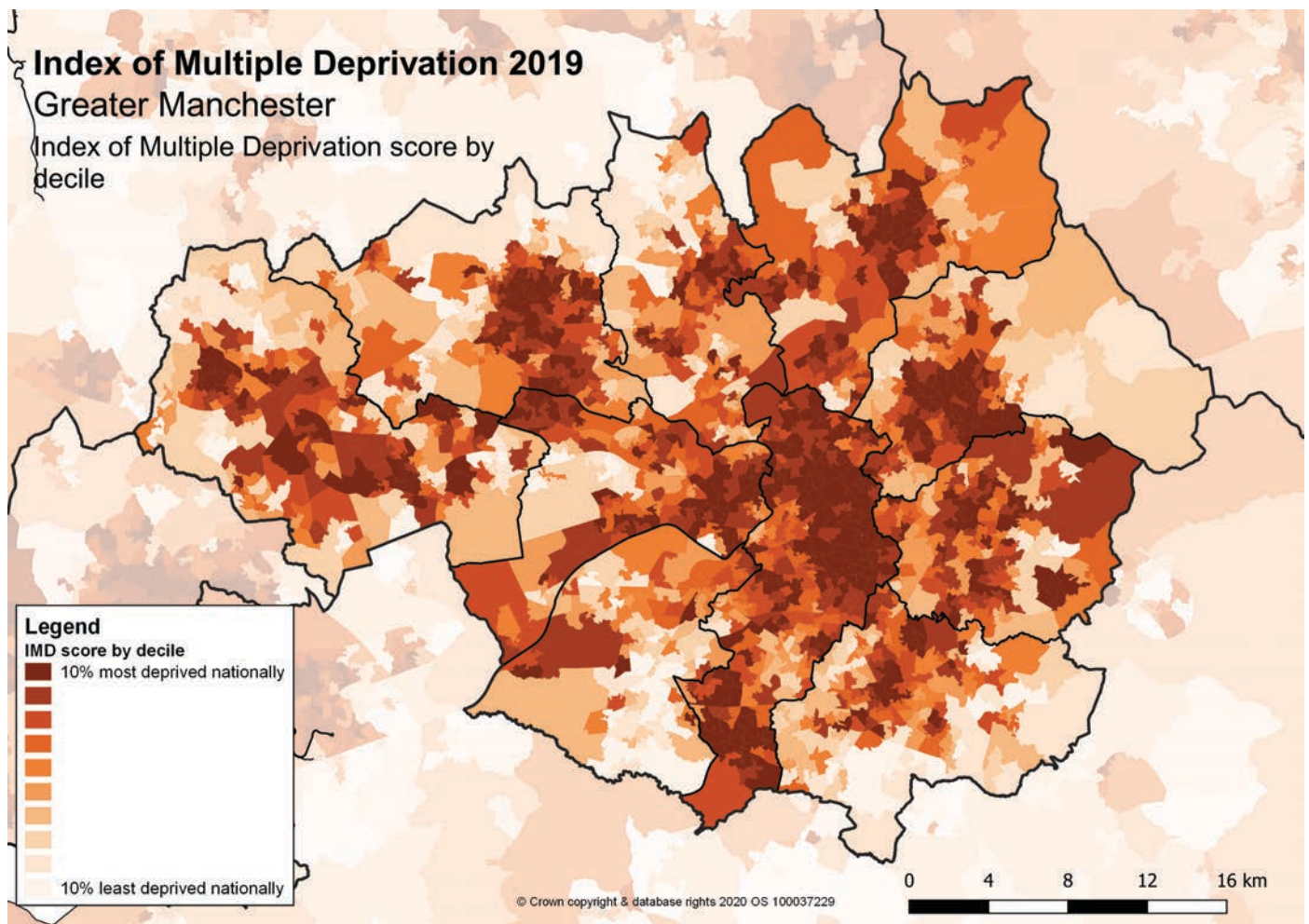
- 2.29** Over recent years, growth has been concentrated in the three local authority areas of Manchester, Salford and Trafford. For example, over the period 2001-2016, they accounted for two-thirds of the growth in population, employment and economic activity (measured by GVA) in Greater Manchester.⁽⁵⁾ Population increased by around 20% in Manchester, Salford and Trafford over that period compared to just 5% in the other seven districts (combined) of Greater Manchester, although this contrasts with the preceding half century when Manchester and Salford lost well over one-third of their population.⁽⁶⁾ This concentration of growth is likely to continue in the future, with Manchester, Salford and Trafford forecast to account for 45% of population growth over the period 2020-2037, around 60% of GVA growth, and 90% of the increase in employment.⁽⁷⁾ This would consolidate the concentration of growth in the central and southern areas of Greater Manchester.

5 ONS mid-year population estimates, and Greater Manchester Forecasting Model 2018

6 GB Historical GIS / University of Portsmouth, Bolton District through time | Population Statistics | Total Population, A Vision of Britain through Time, 1951-2001

7 ONS 2018-based sub-national population projections, and Greater Manchester Forecasting Model 2018

- 2.30** Picture 2.2 '2019 Index of Multiple Deprivation', produced by the Government, with the darkest colours showing the most deprived areas. It indicates high levels of deprivation across many parts of Greater Manchester, including those areas that have seen a concentration of growth over recent years and in parts of otherwise affluent boroughs. There is a particularly high concentration of deprivation in the central areas, with Manchester the second most deprived local authority area in England on two measures.⁽⁸⁾



Picture 2.2 2019 Index of Multiple Deprivation

- 2.31** An analysis by the Office for National Statistics of over 100 towns and cities in England and Wales identified Oldham, Salford and Rochdale amongst some of the most deprived areas in the country.⁽⁹⁾ When a broad range of socio-economic measures are considered, such as levels of economic activity, qualifications, occupation, household incomes, house prices,

8 Measured by the 'rank of ranks', where each local authority is ranked for each of the seven domains of the index, and then an average rank is produced

9 Office for National Statistics (March 2016) Towns and cities analysis, England and Wales, March 2016, p.18 – based on the proportion of lower super output areas in the most deprived 20% in England and Wales, using the 2015 Index of Multiple Deprivation

poor health, population change and housing development, in overall terms the northern areas of Greater Manchester excluding Bury (Wigan, Bolton, Rochdale, Oldham and Tameside) perform significantly worse overall than the southern areas.

- 2.32** Although both the central areas and the northern parts of Greater Manchester suffer from high levels of deprivation, there are differences between them in terms of how this manifests and the development pressures that they face. The inner areas surrounding the City Centre and the Quays have seen much higher levels of recent population growth, being a key focus for inward international migration. Just 22 wards in that area (out of a total of 215 wards in Greater Manchester) accounted for two-thirds of the increase in residents aged under 18 in Greater Manchester over the period 2002-2016, and the area saw an increase of one-third in those aged 30-44 whereas the sub-region as a whole had a reduction in that age group. The number of people aged 65 and over declined in this inner area, whereas the six northern districts had a one-quarter increase.⁽¹⁰⁾

Key challenges for the GMSF

- 2.33** In light of these issues, the GMSF will need to:
- Deliver high levels of economic growth to support the prosperity of Greater Manchester, whilst ensuring that all parts of Greater Manchester and all residents share in the benefits;
 - Deliver the highest possible quality of life for all residents, and address existing problems such as health disparities and air quality that currently detract from it.

10 ONS: Ward-level population estimates (Experimental Statistics) 2002-2016 (released October 2017).

Our Vision



3.1 The vision for Greater Manchester is set out in the Greater Manchester Strategy:

Our vision is to make Greater Manchester one of the best places in the world to grow up, get on and grow old:

- A place where all children are given the best start in life and young people grow up inspired to exceed expectations.
- A place where people are proud to live, with a decent home, a fulfilling job, and stress-free journeys the norm. But if you need a helping hand you'll get it.
- A place of ideas and invention, with a modern and productive economy that draws in investment, visitors and talent.
- A place where people live healthy lives and older people are valued.
- A place at the forefront of action on climate change with clean air and a flourishing natural environment.
- A place where all voices are heard and where, working together, we can shape our future.

3.2 Everything in the GMSF is designed to support the achievement of this vision. However, the GMSF is one of many ways in which the vision will be delivered, and many of the necessary actions will lie outside the scope of the GMSF.

3.3 Figure 3.1 'Key Diagram' illustrates the GMSF's spatial strategy, showing the locations that will be the main focus for development in Greater Manchester from 2020 up to 2037.

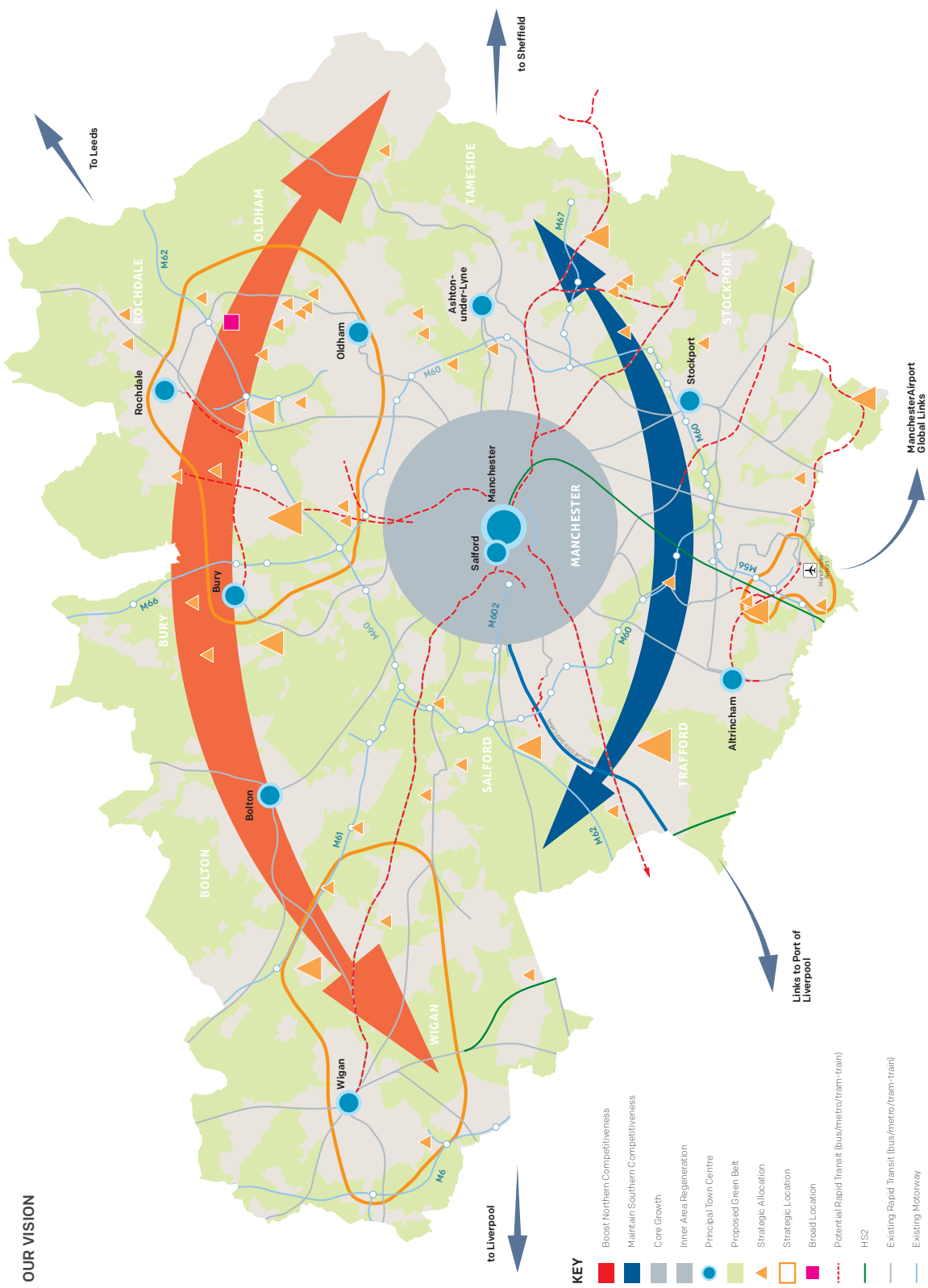


Figure 3.1 Key Diagram

Strategic Objectives

Objective 1

Meet our housing need.

We will:

- Increase net additional dwellings;
- Increase the number of affordable homes;
- Provide a diverse mix of housing.

Objective 2

Create neighbourhoods of choice.

We will:

- Prioritise the use of brownfield land;
- Focus new homes in the Core Growth Area and the town centres;
- Focus new homes within 800m of public transport hubs;
- Ensure that there is no increase in the number of homes and premises at a high risk of flooding;
- Prioritise sustainable modes of transport to reduce the impact of vehicles on communities.

Objective 3

Ensure a thriving and productive economy in all parts of Greater Manchester.

We will:

- Ensure there is adequate development land to meet our employment needs;
- Prioritise the use of brownfield land;
- Ensure there is a diverse range of employment sites and premises;
- Facilitate the development of high value clusters in prime sectors such as:
 - Advanced manufacturing;
 - Business, financial and professional services;
 - Creative and digital;
 - Health innovation;
 - Logistics.

Objective 4

Maximise the potential arising from our national and international assets.

We will:

- Focus development in the Core Growth Area, Manchester Airport and key economic locations;
- Improve visitor facilities in the City Centre, Quays and Manchester Airport and our international and national sporting assets;
- Enhance our cultural, heritage and educational assets;
- Improve sustainable transport and active travel access to these locations;
- Improve access for local people to jobs in these locations;
- Ensure infrastructure provision supports growth in these locations;
- Increase graduates staying in Greater Manchester.

Objective 5

Reduce inequalities and improve prosperity.

We will:

- Ensure people in all of our neighbourhoods have access to skills training and employment opportunities;
- Prioritise development in well-connected locations;
- Deliver an inclusive and accessible transport network;
- Strengthen the competitiveness of north Greater Manchester;
- Reduce the number of Greater Manchester's wards in the 10% most deprived nationally.

Objective 6

Promote the sustainable movement of people, goods and information.

We will:

- Enhance our existing transport network;
- Focus new development within 800m of sustainable transport hubs;
- Ensure new development is designed to encourage and enable active and sustainable travel;
- Expand our transport network to facilitate new areas of sustainable and inclusive growth;

- Capitalise on national and regional investment in transport infrastructure;
- Improve opportunities for sustainable freight;
- Ensure new development provides opportunities for affordable, high quality digital infrastructure.

Objective 7

Ensure that Greater Manchester is a more resilient and carbon neutral city-region.

We will:

- Promote carbon neutrality of new development by 2028;
- Promote sustainable patterns of development that minimise the need to travel and contribute to cleaner air;
- Locate and design development to reduce car dependency;
- Facilitate provision of infrastructure for cleaner vehicles;
- Improve energy efficiency and the generation of renewable and low carbon energy.

Objective 8

Improve the quality of our natural environment and access to green spaces.

We will:

- Enhance the special landscapes across Greater Manchester, green infrastructure, biodiversity and geodiversity;
- Improve access to the natural environment and green spaces including parks;
- Promote the role of green space in climate resilience and reducing flood risk.

Objective 9

Ensure access to physical and social infrastructure.

We will:

- Ensure that our communities and businesses are supported by infrastructure;

- Improve the capacity and network coverage of digital, energy, telecoms, transport and water in key growth locations;
- Ensure new development is properly served by physical and social infrastructure including schools, health, social care, sports and recreation facilities.

Objective 10

Promote the health and wellbeing of communities.

We will:

- Ensure new development is properly served by health care services that meet the needs of communities;
- Improve access to healthy food options for all communities;
- Reduce the health impacts of air pollution through accessibility of sustainable travel such as public transport, cycling and walking;
- Maximise the health benefits of access to the natural environment and green spaces;
- Coordinate with and support the delivery of local and GM wide health strategies.

Our Strategy



Inclusive Growth

4.1 The central theme of the spatial strategy for Greater Manchester is to deliver inclusive growth across the city region, with everyone sharing in the benefits of rising prosperity. There are three main aspects to this:

- Making the most of the key locations and assets best-placed to support economic growth;
- Creating more favourable conditions for growth by providing high quality investment opportunities across Greater Manchester that help to address disparities; and
- Creating a Greater Manchester which will be more resilient to climate change.

Making the Most of Key Locations and Assets

4.2 As globalisation continues and the pace of technological change accelerates, there will be increasing competition between cities for investment, jobs and skilled people. If Greater Manchester is to flourish in the long run then it will need to make the most of its key assets and advantages, which can differentiate it from other places. The growth potential of a small number of locations that can boost international competitiveness will need to be maximised in order to support the prosperity of Greater Manchester as a whole.

4.3 Key locations and assets include:

- The huge agglomeration of economic activity at the centre of Greater Manchester, focused on the City Centre and the Quays but also extending westwards through Trafford Park and eastwards to Central Park and the Etihad campus, which provides an enormous number and range of jobs;
- Manchester Airport, which is the largest airport in the country outside London and the South East, and offers routes across the world;
- Connections to the post-Panamax facilities at the Port of Liverpool, via the Manchester Ship Canal, rail and motorways, enabling access to global shipping routes and the largest vessels;
- The universities and the knowledge economy, with a high concentration of students, research activity and scientific institutions. The Oxford Road Corridor is an internationally important location in this regard, whilst the University of Salford and the Crescent area have huge potential for further investment;
- The strong cultural identity of Greater Manchester and its constituent cities and towns, with a global reputation for sports and the arts; and
- The strong network of green and blue infrastructure including river valleys, lowlands uplands and woodlands.

4.4 The strength of these locations and assets will be further enhanced by significant investment in both national and sub-regional important public transport schemes.

Addressing Disparities

- 4.5** Over recent years, growth has been concentrated in the three local authority areas of Manchester, Salford and Trafford, and this is forecast to continue in the future. Stockport is projected to have the next highest growth rates, further consolidating the concentration of growth in the central and southern districts of the city region. The potential for an uneven pattern of growth is reinforced by the fact that the key assets and locations discussed above are focused very much in the central parts of Greater Manchester, with the airport on the southern edge of the sub-region and the potential associated with the Port of Liverpool towards the west.
- 4.6** When a broad range of socio-economic measures are considered, such as levels of economic activity, qualifications, occupation, household incomes, house prices, poor health, population change and levels of housing development, the northern areas of Greater Manchester with the exception of Bury (i.e. Wigan, Bolton, Rochdale, Oldham and Tameside) perform significantly worse than the southern areas. The low forecast growth rates for these northern areas risks reinforcing rather than tackling those problems.
- 4.7** However, despite the economic success of the City Centre, the largest concentration of severe deprivation is in the central areas that surround it. In contrast with the northern areas, these deprived central parts face very high development pressures, and have been the primary focus for inward international migration to Greater Manchester in recent years.

Efficient Use of Land Resources

- 4.8** A key role of the GMSF is to manage the conflicting demands on the finite land resources of Greater Manchester. The need for new housing, employment, facilities and infrastructure has to be accommodated, whilst at the same time protecting the environment, urban green spaces, the countryside and the identity of different places.
- 4.9** The rate of expansion experienced by Greater Manchester over the last 150 years cannot be continued indefinitely. In order to minimise future outward growth of the built-up area, it will be important to ensure that land resources are used efficiently and effectively, and this is a key principle behind the spatial strategy set out in this document.
- 4.10** An essential aspect of the efficient and effective use of land will be to prioritise the reuse of previously-developed (brownfield) land when meeting development needs. This will help to address dereliction and bring investment into existing urban areas, supporting their regeneration and enhancement. Abnormal costs such as those associated with addressing land contamination can have a negative impact on the viability of developing brownfield sites, and so securing funding to support remediation will be a priority.
- 4.11** Development will need to be undertaken at an appropriate density and with suitable provision for green infrastructure. Securing higher densities in the most accessible locations will help to maximise the ability of people to travel by walking, cycling and public transport, and reduce reliance on the car.

- 4.12** Maximising the reuse of previously-developed land and delivering higher densities in the most accessible locations will together help to reduce the total amount of land required for new buildings and hence minimise the need for development of greenfield sites.
- 4.13** This focus on utilising previously-developed land and increasing densities in accessible places further reinforces the importance of delivering high levels of growth in the Core Growth Area, as locations such as the City Centre and the Quays are already characterised by high density development and have the greatest potential to be well-connected by public transport to residents across Greater Manchester. The town centres across the sub-region will also be well-placed in this regard.
- 4.14** However, even with increasing densities and the reuse of brownfield land, the scale and distribution of development required to meet the needs of Greater Manchester has necessitated the need for selective removal of Green Belt and the use of other land previously safeguarded from development.

Opportunities and Challenges

- 4.15** Different parts of Greater Manchester can therefore be seen to be facing different challenges. In broad terms:
- The central areas have a combination of a high concentration of key growth assets with large levels of past and forecast growth, but considerable deprivation;
 - The southern areas also have significant forecast growth, but with typically higher levels of prosperity, as for example shown by average household incomes and house prices, lower levels of deprivation (though there are still some concentrations), and the key economic asset of Manchester Airport; and
 - The northern areas typically have lower recent and forecast growth, extensive areas of deprivation and, although there are some important infrastructure assets such as the M62 motorway and significant levels of manufacturing activity, the growth opportunities are currently more limited than in the rest of Greater Manchester.
- 4.16** The spatial strategy for Greater Manchester responds to this variation, whilst also recognising both the commonalities between places and the diversity within each of them. This is essential to delivering inclusive growth that secures greater prosperity and quality of life for everyone in the city region.

Spatial Strategy

- 4.17** The overall spatial strategy of the GMSF seeks to take advantage of the opportunities for delivering high levels of economic growth, whilst addressing the challenges for securing genuinely inclusive growth and prosperity.

- 4.18** Making the most of the key assets at the core of the conurbation is central to the approach, as this will be essential to maximising the competitiveness of Greater Manchester and driving economic growth across the city region. Securing major investment in the surrounding inner areas will be important to addressing the extensive deprivation in those neighbourhoods, as well as supporting the successful functioning of the core areas.
- 4.19** If the forecast patterns of growth continue unchecked, reinforcing past trends, then Greater Manchester will become increasingly southward focused, with greater disparities between its northern and southern areas. This is not considered to be consistent with delivering inclusive growth, and would adversely impact on the long-term prospects for Greater Manchester. Hence, the GMSF seeks to boost significantly the competitiveness of the northern parts of Greater Manchester, whilst ensuring that the southern areas continue to make a considerable contribution to growth by making the most of its key assets.
- 4.20** This approach is summarised in Figure 4.1 'Spatial Strategy' and explained in more detail in the rest of this chapter.

SPATIAL STRATEGY

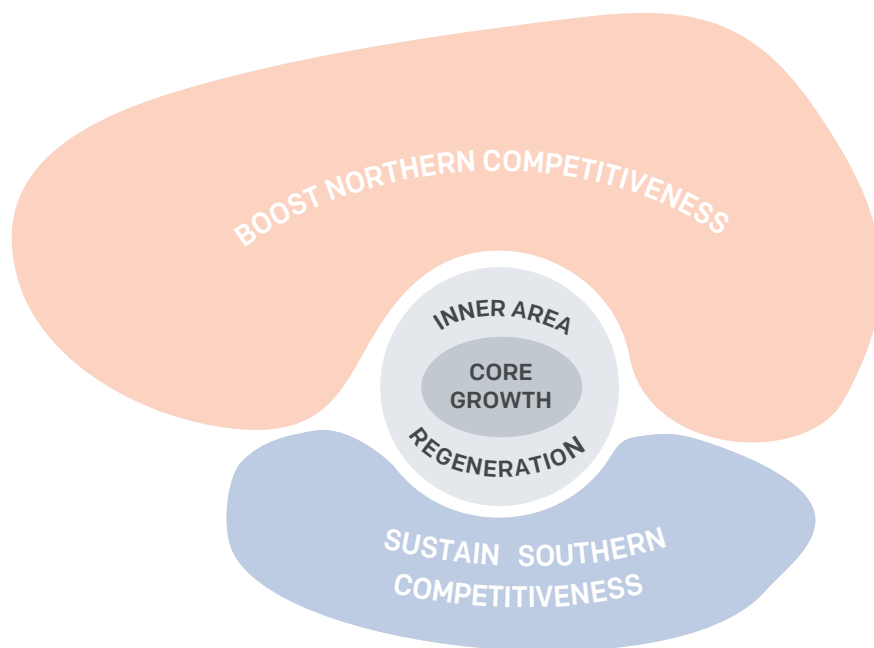


Figure 4.1 Spatial Strategy

4.21 The areas identified in the above diagram do not have firm boundaries. There is some overlap between them, and they are likely to evolve over time. However, in broad terms they can be described as follows:

- Core Growth Area: central Manchester, south-east Salford, and north Trafford
- Inner Area Regeneration: surrounding inner parts of Manchester, Salford and Trafford
- Boost Northern Competitiveness: Bolton, Bury, Oldham, Rochdale, Tameside, Wigan, and west Salford
- Sustain Southern Competitiveness: Stockport, most of Trafford, and south Manchester

4.22 The rapid transit routes and strategic green infrastructure, which are also an important part of the spatial strategy, extend through all of these areas. The eight main town centres are located within the northern and southern areas.

Core Growth Area

4.23 The huge agglomeration of economic activity at the centre of Greater Manchester is perhaps the city region's greatest strength. At the heart of this is the City Centre, which is the most significant economic location and largest office market in the country outside London. Immediately to its south-west is the Quays, which provides an internationally significant cluster of digital and creative uses. The wider central economic area extends beyond the City Centre and the Quays, eastwards to include Central Park and the Etihad campus, and westwards through Trafford Park, which is one of Europe's largest industrial estates, to Port Salford. This area provides a huge scale and diversity of economic and residential opportunity, which is accessible from across Greater Manchester and beyond.

CORE GROWTH AREA

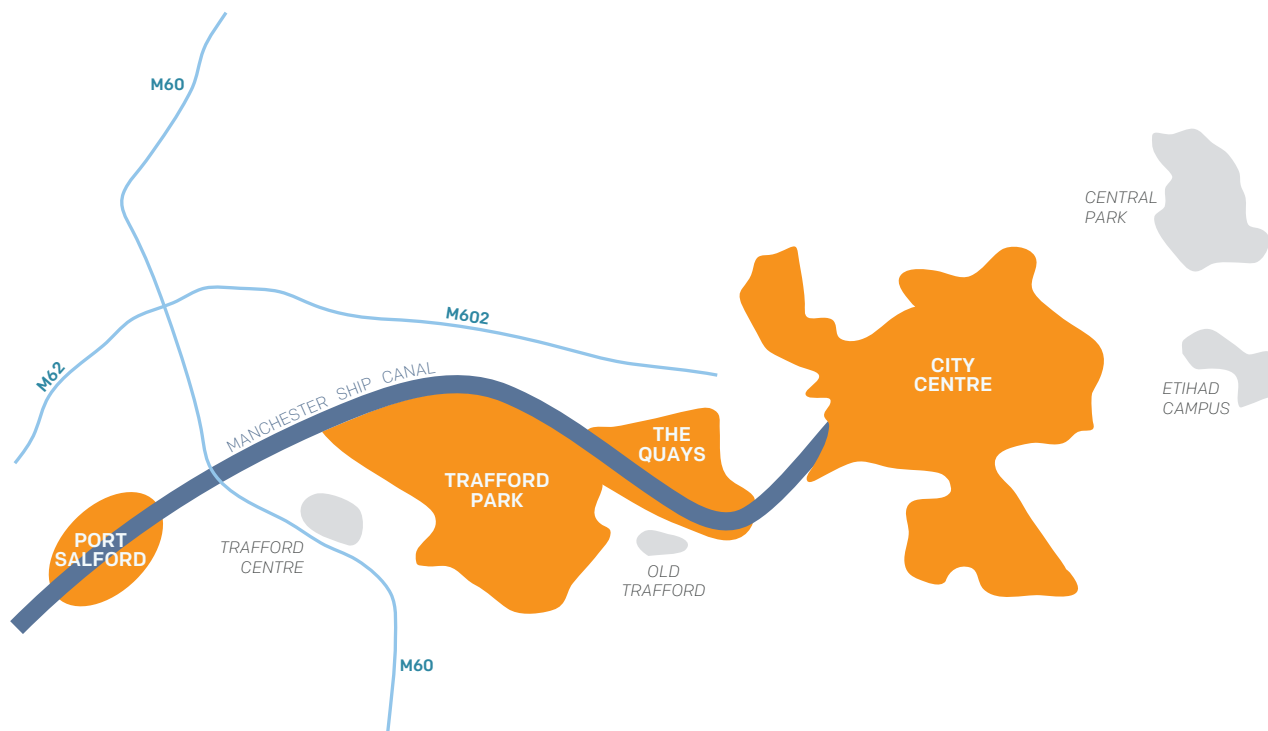


Figure 4.2 Core Growth Area

- 4.24** A strong focus of growth in the Core Growth Area, particularly the City Centre and the Quays, is fundamental to the overall strategy for Greater Manchester. This is the area with the largest concentration of key assets, and which has seen the highest level of market interest over a prolonged period of time. It provides the greatest growth potential and best opportunity to increase the international competitiveness of the city region. It offers a significant opportunity to create jobs for existing local communities, particularly those from the more deprived communities, thereby reducing poverty and delivering inclusive growth. Despite the challenges currently facing the nation as a result of the health crisis resulting from the Coronavirus pandemic, delivering high levels of employment growth in this area will be crucial to maximising the accessibility of jobs to residents across Greater Manchester in a sustainable way. This continuing agglomeration of activity will provide the scale, quality and profile of activity necessary for Greater Manchester to become a top global city.
- 4.25** There is also an opportunity to continue to grow significantly the residential role of this core area, including a broader range of dwelling types and an increase in the supply of affordable housing. Securing large numbers of new homes in this part of the sub-region will enable more people to live near to a variety of employment, business and leisure opportunities, and

reduce pressure on greenfield and Green Belt land elsewhere in Greater Manchester. However, it will be important to ensure that this complements rather than displaces the economic functions.

- 4.26** Development within the City Centre and the Quays will typically be delivered at high densities, reflecting the accessibility and prominence of those locations. There will remain extensive areas of lower density employment development such as within Trafford Park and at Port Salford, providing a diverse range of employment and business opportunities. Separate policies are set out below for the City Centre, the Quays, and Port Salford.

Policy GM-Strat 1

Core Growth Area

The economic role of the Core Growth Area will be protected and enhanced, with sustainable development supporting major growth in the number of jobs provided across the area providing opportunities to create jobs for local communities.

Complementary to, but not at the expense of, its economic function it will see a significant increase in the number and range of homes in areas with good connections to employment, training and education facilities. These homes will be supported by necessary green spaces and social infrastructure and will be of an appropriate design.

Infrastructure provision will support the growth and continued capacity of the Core Growth Area having particular regard to the Greater Manchester Transport Strategy 2040 refresh and accompanying Delivery Plans.

City Centre

- 4.27** The City Centre lies at the heart of Greater Manchester, straddling the boundary between Manchester and Salford. It is mainly contained within the Inner Relief Road but also extends beyond, including along Oxford Road to the south and along Chapel Street and the Crescent to the west.
- 4.28** The City Centre plays a key role in Greater Manchester's economy, and that of the North of England more generally, providing around 10% of all jobs in the sub-region. It offers a large range of employment, shopping, leisure and tourism opportunities, attracting significant numbers of visitors to Greater Manchester. It also has a high concentration of knowledge-based activities, with three universities, several major research centres, and a large supply of graduates, as well as a valuable historic environment with numerous heritage assets. The completion of major transport infrastructure schemes towards the end of the plan period, such as HS2 and Northern Powerhouse Rail, will dramatically reduce journey times to London, Birmingham and major cities in the North, further enhancing the attractiveness and potential of the City Centre. Improved connectivity between the City

Centre and adjacent areas, such as between The Quays and Salford Crescent, will support growth across the City Centre, as well as in edge-of-centre locations that benefit from this improved connectivity and become increasingly suitable for higher density and the expansion of further knowledge based clusters of development.

- 4.29** Although there is already a very high level of activity within the City Centre, the area has significant development potential and will be the largest source of new jobs and homes in Greater Manchester over the next few decades. The City Centre offers significant opportunity to maximise the use of previously developed land. It will enable the delivery of a range of types of homes so that people can live close to a major source of jobs, education and amenities, reducing the need to travel. This will make it essential that major improvements in public transport continue to be provided, ensuring that residents from across Greater Manchester and beyond can easily access the opportunities within the City Centre without increasing congestion, and enabling employers to take advantage of the large and diverse labour market.

Policy GM-Strat 2

City Centre

The role of the City Centre as the most significant economic location in the country outside London will be strengthened considerably. The City Centre will continue to provide the primary focus for business, retail, leisure, culture and tourism activity in Greater Manchester, but the increasingly important residential role of the City Centre will be expanded considerably by a range of high density new homes, supported by necessary infrastructure. Development will enable people to take advantage of the access to education and training and the extensive public transport offer, reducing the need to travel to work whilst supporting economic growth and reducing levels of poverty.

It will be a priority for investment in development and infrastructure. This will include addressing current network capacity issues in the City Centre which will enable the future expansion of the rapid transit public transport network across Greater Manchester. Improvements in the public realm, walking and cycling facilities, and green infrastructure will help to enhance the local character and environmental quality of the City Centre so that it can rival city centres across the globe, enabling it to compete effectively at the international level for investment, businesses, skilled workers, residents and tourists. A broad range of commercial accommodation will be delivered, helping the City Centre to capture growth across key economic sectors.

The new functions within the City Centre will be delivered in a way that complements, rather than displace the area's non-residential functions and will seek to protect and enhance the city centre's historic environment and assets.

Over the period 2020-2037, land to accommodate around 2,200,000 sqm of office floorspace, over 35,000 new dwellings and minimal industry and warehousing (just over 35,000 sqm) has been identified within the City Centre.

CITY CENTRE

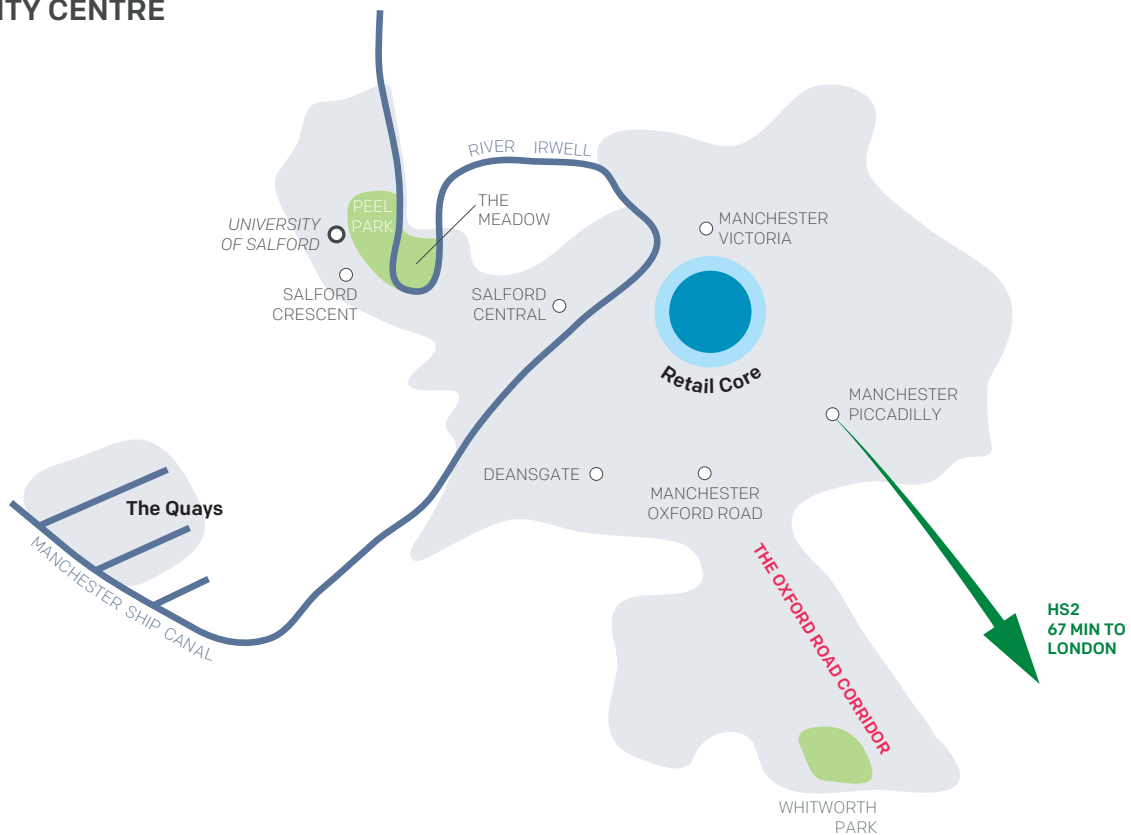


Figure 4.3 City Centre

The Quays

- 4.30** The Quays is located just to the south-west of the City Centre, in Salford and Trafford, focused around the Manchester Ship Canal and a series of bays and basins.
- 4.31** Since the 1980s, the Quays has gradually been transformed from a derelict docklands into a vibrant mixed-use area with well-established tourism, employment, retail and residential functions taking advantage of the high quality environment and waterside setting. The development of MediaCityUK over the last decade has helped to establish an internationally significant cluster of digital and media uses, including the BBC and ITV, but the area also has a wider business function and is one of the primary office locations in Greater Manchester. The Salford side of the Quays benefits from several Metrolink stops and the Trafford side now also benefits from the recent expansion of the Metrolink network through the completion of the new £350m Trafford Park Line in 2020.

- 4.32** Although the Quays has seen very significant levels of investment in recent years, there is still enormous development potential within the area across all of its functions, including major expansion of the digital/creative cluster and significant residential opportunities. It offers significant opportunity to maximise the use of previously developed land by delivering large scale residential development close to a major source of jobs, education supported by the necessary infrastructure and amenities. Substantial improvements in transport infrastructure, particularly public transport, will be required if the Quays is to realise its full potential and residents across Greater Manchester are to take maximum advantage of its success. It will also be important to improve the connections between the Quays and the City Centre, as this would further strengthen the success of both strategic locations, providing an enormous concentration of integrated activity and maximising their agglomeration benefits.

Policy GM-Strat 3

The Quays

The Quays will continue to develop as an economic location of national significance, characterised by a wide mix of uses. Its business, housing, leisure and tourism roles will all be significantly expanded, in a mutually supportive way, reinforcing the area's interest, vibrancy and unique identity to reduce levels of unemployment and poverty in Greater Manchester's communities. The high environmental quality of the Quays (including its public realm, green infrastructure, wildlife sites and heritage assets) will be protected and enhanced as its essential distinguishing features, and excellent, distinctive design will continue to be a priority.

Over the period 2020-2037, land to accommodate around 192,000 sqm of office floorspace, around 12,500 new dwellings and minimal industry and warehousing (around 6,000 sqm) has been identified within the Quays. The new homes will be a range of high density homes, close to major sources of jobs and education, supported by the necessary infrastructure and amenities. Major improvements in accessibility by public transport, cycling and walking will be sought, including much better links to key rail stations and greater connectivity with the City Centre.

THE QUAYS

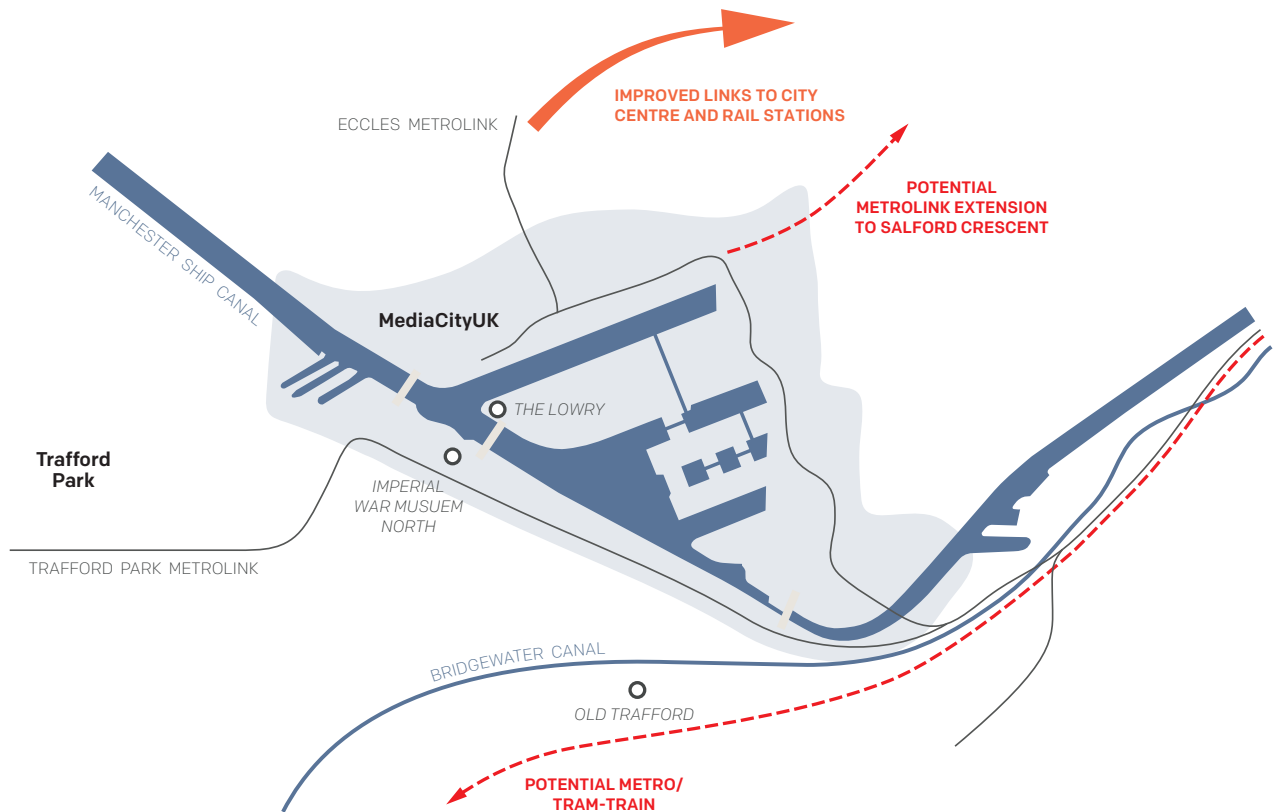


Figure 4.4 The Quays

Port Salford

- 4.33** Port Salford is currently under construction and will be the UK's first tri-modal inland waterway port. It is located on the Manchester Ship Canal, which is a unique 36-mile long seaway extending from the heart of Greater Manchester westwards to the Mersey Estuary, however, this location offers significant opportunity for further economic growth. Supported by sustainable transport it will ensure the economic growth at this location is accessible to a wide range of residents and will reduce levels of poverty in Greater Manchester, particularly in the surrounding "inner areas".
- 4.34** New canal berths at Port Salford will enable direct shipping services to the Port of Liverpool, where post-Panamax facilities can accommodate the world's largest vessels, providing access to global markets and suppliers. A new rail spur from the main Manchester-Liverpool line into the heart of the Port Salford site and alongside the canal, together with the provision of a major container terminal, will enable easy movement of goods between water, rail and road.

- 4.35** The first warehouse has been constructed and occupied, and the first phases in a series of major highway works have been completed including a new lifting bridge across the Manchester Ship Canal. A further three large-scale buildings to the south of the A57 have planning permission, and the GMSF takes land out of the Green Belt to the north of the A57 to enable a major expansion of the scheme. Port Salford as a whole could provide around 500,000 sqm of high quality floorspace within an integrated facility by the end of the plan period.
- 4.36** The tri-modal facilities at Port Salford have the potential to deliver major benefits for Greater Manchester, not only supporting a larger and more sustainable logistics sector but also enabling the more efficient and cost-effective movement of components and products for manufacturers.
- 4.37** A key strength of Port Salford is its location near to the junction of the M60, M62 and M602 motorways. It is likely that major enhancements to the motorway network around Port Salford will be required, both to support the scheme and address wider congestion issues. The ongoing Manchester North West Quadrant Study is investigating the options for broader motorway network improvements, and it will be important to coordinate the development of Port Salford with any emerging proposals.

Policy GM-Strat 4

Port Salford

Port Salford will be developed as an integrated tri-modal facility, with on-site canal berths, rail spur and container terminal as essential elements of the scheme.

The overall facility will provide around 500,000 sqm of employment floorspace. This will include an extension of the permitted scheme onto land to the north and west of Barton Aerodrome, as allocated under Policy GM Allocation 30 'Port Salford Extension'.

The development of Port Salford must ensure that necessary transport infrastructure is delivered, including highway improvements to accommodate the likely scale of traffic generation, in a way that is compatible with proposals for the enhancement of the wider motorway network and the provision of appropriate sustainable travel opportunities to meet the needs of the employees accessing the site.

PORT SALFORD

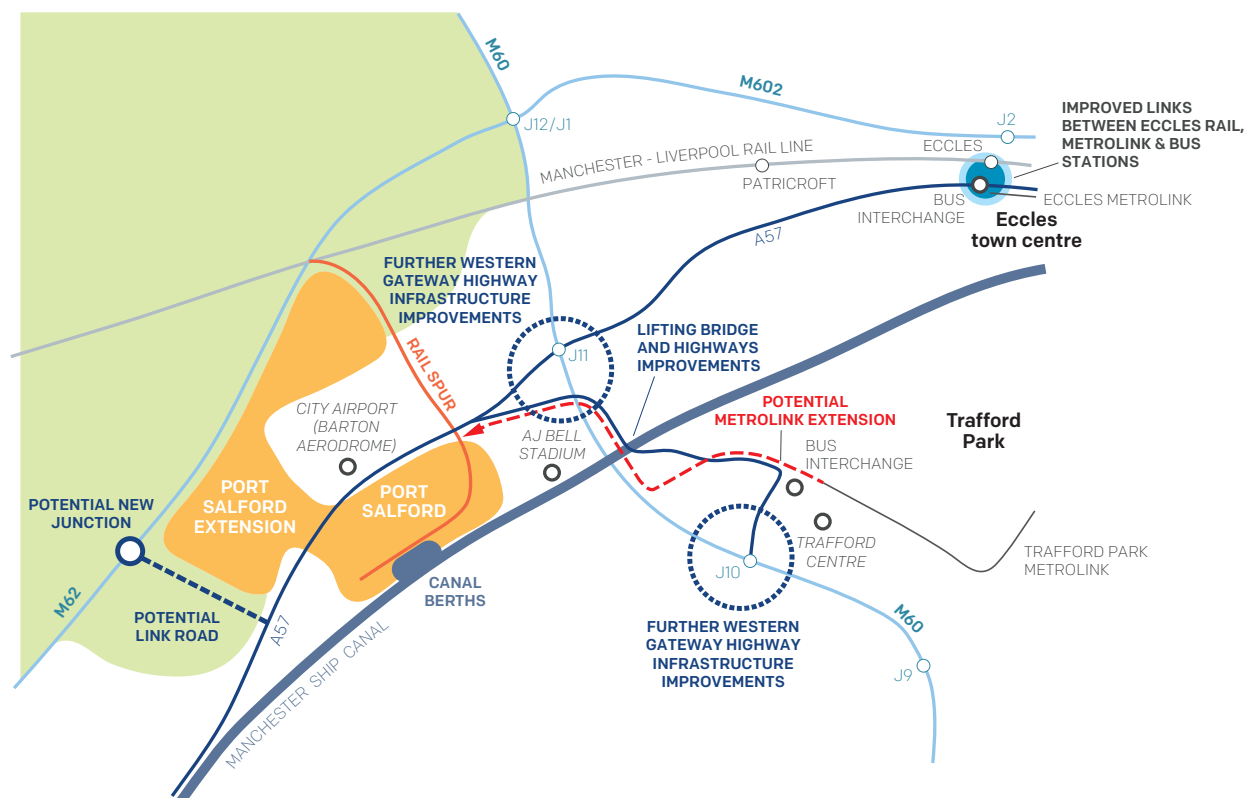


Figure 4.5 Port Salford

Inner Area Regeneration

- 4.38** The inner areas of the city region, surrounding the City Centre and the Quays, benefit from a position adjacent to an enormous concentration of economic activity. However, despite this proximity, these inner areas are characterised by high levels of deprivation, with extensive parts being amongst the 10% most deprived neighbourhoods in the country.
- 4.39** The challenges faced by the inner areas are quite different to most other deprived areas in Greater Manchester. Over the last 15 years, the 22 wards⁽¹¹⁾ at the heart of the inner area have collectively seen an increase in population of 38% compared to growth of 11% across the rest of the city region, and these wards have been the primary focus for international migration into Greater Manchester. The age profile of this population change has also been distinctive, with increases of 36% in 0-17 year olds, 42% in 18-29 year olds and 37% for

11 Ancoats and Clayton, Ardwick, Bradford, Cheetham, Crumpsall, Fallowfield, Gorton North, Gorton South, Harpurhey, Hulme, Levenshulme, Longsight, Miles Platting and Newton Heath, Moss Side, Old Moat, Rusholme, Whalley Range, Withington (all in Manchester), Broughton, Irwell Riverside, Langworthy (in Salford), and Clifford (in Trafford). There are 215 wards in Greater Manchester.

30-44 year olds, compared to figures of 3%, 15% and -7% respectively for the rest of Greater Manchester. In contrast, the area saw a reduction in residents aged 65 and over, whereas the rest of the city region had an increase of more than one-fifth.⁽¹²⁾

- 4.40** The high growth in population has led to significant development pressures, not just in terms of new build developments but also more intensified use of existing properties such as conversions to houses in multiple occupation (HMOs). The proposed scale of job growth in the Core Growth Area, and the excellent location of the inner areas in relation to them, make it likely that there will continue to be significant pressures from population growth within this part of Greater Manchester.
- 4.41** Increasing housing provision in the inner areas would enable more people to access easily the opportunities of the Core Growth Area by walking, cycling and public transport and thereby reducing the need to travel. Maintaining a good supply of affordable housing will be especially important, helping to reduce travel costs for those on lower incomes who need access to the Core Growth Area for employment and services.
- 4.42** The high levels of deprivation highlight the need for sustained neighbourhood regeneration, with investment in improving the quality of existing housing (including its energy efficiency and access to amenity space) as well as providing a good mix of new homes. Although there is a need for significant levels of development to meet demand and to maximise the use of brownfield land, it will be essential that the network of open spaces and other green infrastructure is improved, contributing to the long-term attractiveness of these neighbourhoods. Raising the quality of these places will depend on tackling issues such as traffic congestion and air quality, which are typically more severe than in many other parts of the city region. There are also quite significant areas of flood risk.

Policy GM-Strat 5

Inner Areas

The continued regeneration of the inner areas will be promoted and will be linked to reducing levels of deprivation and poverty and supporting the improved health and wellbeing of the communities. High levels of well-designed new development will be accommodated in this highly accessible and sustainable location, prioritising the use of previously developed land.

New development will be of high quality, predominantly, residential (in a mix of size, type and tenure). It will be supported by necessary infrastructure, including high quality open space and improved access to the wider green infrastructure network, together with improved transport and social infrastructure.

¹² ONS ward-based mid-year population estimates (experimental) 2002-2017 - see www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/wardlevelmidyearpopulationestimatesexperimental.

Where a mix of uses is being proposed it will seek to protect the amenity of existing and new residents and it will seek to protect and enhance the location's historic and natural environment and assets.

New development will be integrated with existing communities, enhancing the quality of places and their local character, including through good quality design, enhanced green infrastructure (and access to it) and improvements in air quality.

Over the period 2020-2037, land to accommodate around 270,000 sq m of office, around 132,000 sq m of industry and warehousing and around 30,000 new dwellings has been identified within the inner areas.

Boosting Northern Competitiveness

- 4.43** Over recent years, the northern areas of Greater Manchester have seen relatively low levels of growth overall compared to other parts of the city region, and this is forecast to continue. These northern areas have many strengths, such as their distinctive landscapes, proud communities, a strong manufacturing base and the opportunity for links to areas of economic prosperity beyond Greater Manchester, but their potential is not currently being fully realised. If current trends continue then disparities between the northern and southern areas will increase, and this will be harmful not only to the prospects for the north but also to those of Greater Manchester.
- 4.44** The northern areas are diverse, but there are considerable areas of deprivation within most districts. Deprivation is particularly extensive across the north-east, with relatively high levels through much of Rochdale, Oldham, and Tameside, extending into north Manchester and north-west Stockport. This north-eastern area is characterised by relatively low incomes, low house prices, low qualifications, low economic activity, low proportions in higher managerial/professional occupations, and poor average health. There are also significant pockets of deprivation elsewhere in the northern areas, particularly around the main town centres, which share similar problems to the north-east. However, there are also more prosperous areas across the north, especially in suburban and rural areas towards the edges of each district, with the district of Bury sharing many of the attributes of the wealthier southern areas of Greater Manchester.
- 4.45** Some significant interventions will be required to address the extensive deprivation and the relatively low levels of growth, economic activity and prosperity. Investment will be required across the northern areas, with the provision of a good supply of high quality development sites and major transport improvements across all districts to support greater competitiveness. However, it will be vital that this is done in a sensitive way that protects the character and identity of the north, and the quality of key landscapes such as the uplands and river valleys.

- 4.46** Two locations have been identified as being especially important, having the potential to deliver significant benefits over a wider area and make a major contribution to raising the competitiveness of the northern areas as a whole: the north-east growth corridor; and the Wigan-Bolton growth corridor. These are discussed in more detail below.
- 4.47** Investment in the town centres of the northern districts will be vital, particularly the main town centres of Ashton-under-Lyne, Bolton, Bury, Oldham, Rochdale and Wigan. There is a need to increase the density of high quality public transport routes to match that found in the southern areas. Improving connections between places in the north, and to key economic locations such as those within the Core Growth Area and Manchester Airport, would help to deliver a more integrated Greater Manchester economy where everyone can benefit fully from growth.
- 4.48** It will be important to increase the attractiveness of the northern areas to a wider range of people. In particular, there is the potential to increase the number of higher income households who choose to live in the north. The influx of more entrepreneurs and skilled workers could help to increase business creation and support local economic activity, as well as reducing pressures in the southern areas which currently have high levels of demand. The GMSF allocates a small number of sites in the northern areas specifically to increase attractiveness of the northern areas to highly paid, highly skilled workers, including at such sites as Chew Brook Vale (Robert Fletchers) in Oldham (Policy GM Allocation 15 'Chew Brook Vale (Robert Fletchers)'), Bamford/Norden in Rochdale (Policy GM Allocation 20 'Bamford / Norden') and East of Boothstown in Salford (Policy GM Allocation 28 'Land east of Boothstown') although many other sites have the potential to attract skilled workers and hence boost the competitiveness of the north.

Policy GM-Strat 6

Northern Areas

A significant increase in the competitiveness of the northern areas will be sought. There will be a strong focus on prioritising the re-use of brownfield land through urban regeneration, enhancing the role of the town centres and increasing the mix, type, quality and range of residential offer. This will be complemented by improvements to transport connectivity and the selective release of Green Belt and previously safeguarded land in key locations that will help to boost economic opportunities and diversify housing provision (GM-Strat 7 and GM-Strat 8). Improving transport connections and accessibility by public transport, cycling and walking will be a priority to ensure access to key employment opportunities. In supporting the principles of inclusive growth, the significant increases in economic growth in this location will help to reduce deprivation.

Development in this location will be of good quality and design, supported by the necessary infrastructure and amenities including improved access to green spaces.

Development in this location, particularly that on land which is being proposed to be released from the Green Belt, will seek to identify opportunities to protect and enhance the natural and historic environments to improve the local character.

North-East Growth Corridor

- 4.49** The most significant proposed intervention in the northern areas is focused on the M62 corridor from Junction 18 (the confluence with the M60 and M66) to Junction 21 (Milnrow), extending across parts of Bury, Rochdale and Oldham (GM-Strat 7). The scale of this initiative is considered necessary in order to transform perceptions of, and opportunities within, the north of Greater Manchester. There are two major sites where land is removed from the Green Belt through this plan, as well as a significant development on land outside the Green Belt through the completion of the Kingsway Business Park. Developments in this location are not reliant on each other. The Northern Gateway site is of a transformative scale in its own right, but collectively they have the potential to significantly change the economic growth potential of the wider area.
- 4.50** This location has been selected for large-scale intervention for three main reasons. Firstly, this part of its corridor already has well-known established employment locations such as Heywood, Pilsworth, Stakehill and Kingsway Business Park. Additionally, the M62 is a key piece of transport infrastructure connecting Greater Manchester with the major cities of Liverpool and Leeds, and beyond. As such, it has the scale, connectivity and profile required to attract a broad range of high quality occupiers and major inward investment. This will not only provide a better range of good quality jobs but will also offer opportunities for premises for new and growing sectors for example advanced manufacturing. Secondly, the corridor is close to a substantial residential population, many of whom live in deprived wards with poor connectivity to employment opportunities. Whilst Stakehill Industrial Estate has a strong reputation as an employment location and has excellent access to the motorway network, only the western edge of the site is currently served by good but public transport links. In other directions, particularly to and from the Oldham borough, it requires improvement. New investment in this location, in particular that which delivers improved public transport, could therefore make a major contribution to regeneration and addressing inequalities, whilst also offering employers easy access to a very large labour market. Thirdly, it includes opportunities for large-scale development which together will have the critical mass to enable major investment in infrastructure and attract high quality businesses, jobs and housing. Collectively, these factors will ensure that the area has the ability to make a major contribution to the overall, inclusive growth of Greater Manchester, as well as specifically helping to improve the performance of the northern areas of the city region.
- 4.51** Works to improve the capacity of Simister Island (the junction of the M62, M60 and M66 motorways) are already planned, but additional investment in the motorway network will be required to support the scale of development proposed within the North-East Growth Corridor,

including improvements to Junction 3 of the M66. The area may also be the subject of proposals to improve the performance of the whole length of the M62/M60 through Greater Manchester.

- 4.52** Major public transport improvements will be required to ensure that surrounding communities can take advantage of the new jobs, and new residents can access key locations such as the City Centre, nearby main town centres and key employment locations. This provides an opportunity to deliver a more extensive and integrated public transport network in the north-east of Greater Manchester, connecting existing communities that are currently poorly served. Improvements to the Calder Valley Line have received commitments to be delivered and the North-East Growth Corridor will also benefit from additional local bus services as well as proposed Bus Rapid Transit to serve the new developments. Work is also on-going into the future development of Bus Rapid Transit connections from the North-East Growth Corridor and surrounding towns to the City Centre.
- 4.53** In addition to the transport investments needed to directly support the level of development proposed, consideration is being given to delivering infrastructure that will benefit the wider area, including options for tram-train operation along the route of the East Lancashire Rail line, alongside the Heritage Railway and options for a Metrolink or Bus Rapid Transit extension to Middleton.

Policy GM-Strat 7

North-East Growth Corridor

Lying within the area and policy framework covered by GM-Strat 6, the North-East Growth Corridor which extends eastwards from Junction 18 of the M62 will deliver a nationally-significant area of economic activity and growth which will be supported by a significant increase in the residential offer in this location, including in terms of type, quality and mix, thereby delivering truly inclusive growth over the lifetime of the plan.

Over the period 2020-2037, land to accommodate almost 1 million sqm of new employment floorspace and almost 23,000 new dwellings has been identified within the whole Growth Corridor.

Specifically the GMSF allocates two major sites within the area, and makes associated changes to the Green Belt boundaries, to support this growth:

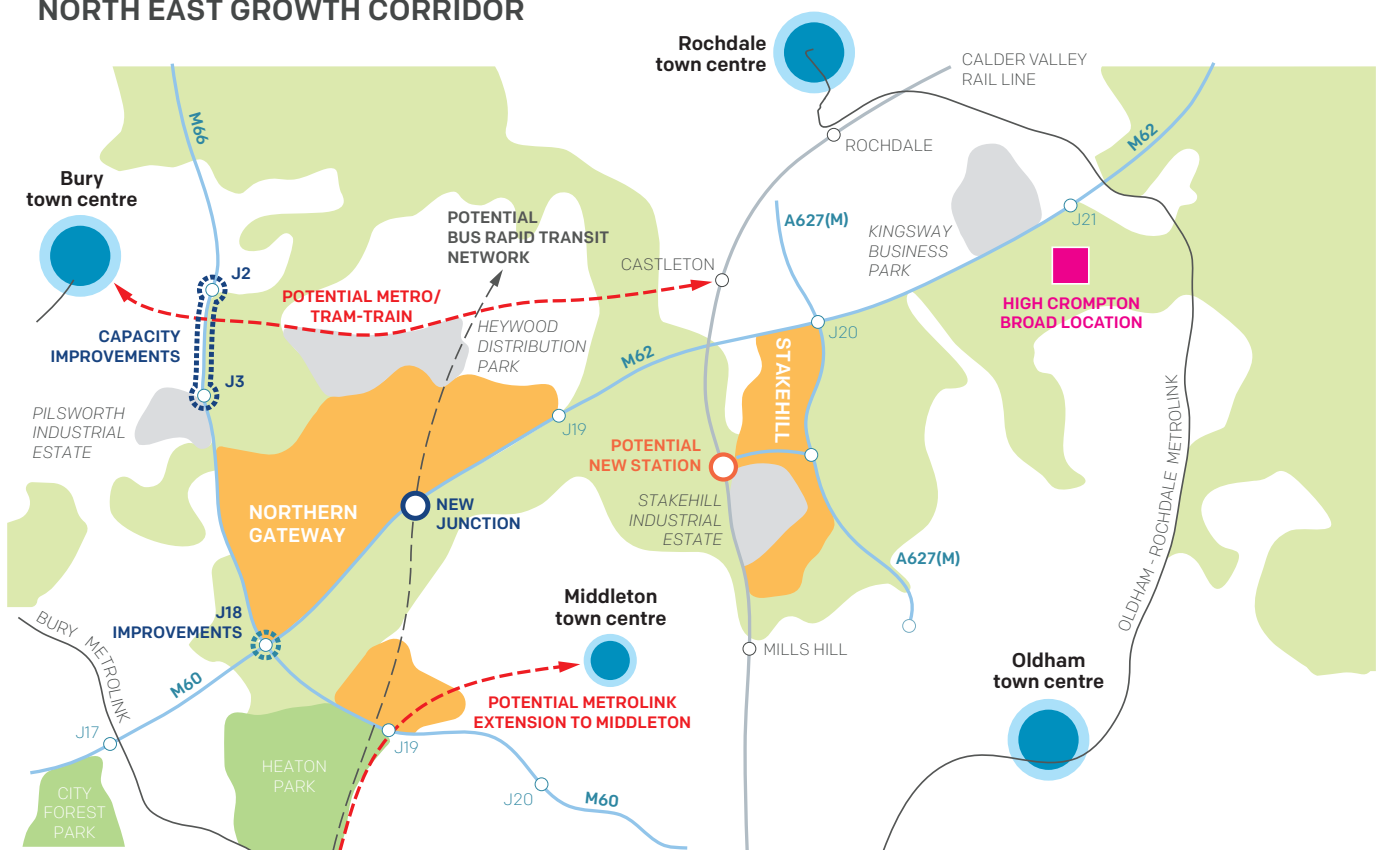
- Policy GM Allocation 1.1 'Heywood / Pilsworth (Northern Gateway)'
- Policy GM Allocation 1.2 'Simister and Bowlee (Northern Gateway)'
- Policy GM Allocation 2 'Stakehill'

In addition to these two allocations, there is considered to be a potential opportunity for further expansion of the economic and residential offer in the eastern most part of this key gateway location. As such the GMSF Key Diagram identifies the High Crompton Broad Location. The land will remain in the Green Belt until such time that a review of the GMSF and / or the Oldham

Local Plan can demonstrate that it is fully justified. The opportunity presented by the High Crompton Broad Location would serve to meet future employment and housing needs and demand of businesses and local communities in this part of the conurbation well beyond the end of the plan period. Well designed, sustainable development at this Broad Location would diversify further the employment and housing offer in Oldham by ensuring truly inclusive growth could be achieved which would help to reduce further the levels of deprivation and poverty.

The development of the area must ensure that necessary infrastructure is delivered to accommodate the likely scale of development.

NORTH EAST GROWTH CORRIDOR



Picture 4.2 North-East Growth Corridor

Wigan-Bolton Growth Corridor

- 4.54** The Wigan-Bolton Growth Corridor is located in the north-west of Greater Manchester, and complements the North-East Growth Corridor ensuring that there are significant investment opportunities across the northern areas, helping to boost the competitiveness of all parts of the north and delivering inclusive growth. The Wigan-Bolton Growth Corridor proposals are

smaller in scale than the North-East Growth Corridor, but are nevertheless important in supporting long-term economic prosperity. The M6 logistics hub in Wigan (extending into Warrington, St Helens and West Lancashire) provides a major cluster of warehousing and distribution activity with easy access to the Port of Liverpool via the M58.

- 4.55** This growth corridor is focused around improved transport links. These include new roads and a Wigan to Bolton Quality Bus corridor and, the more intense use of the Wigan – Atherton – Manchester and the Wigan – Bolton – Manchester rail lines. New road infrastructure will improve east-west connectivity between Junction 26 of the M6 (which is also the junction for the M58 motorway that provides a direct connection to the Port of Liverpool) and Junction 5 of the M61. This transport infrastructure will significantly improve highway connections in the north-west of Greater Manchester, and better integrate the strong logistics functions along the M6 and M61 into the wider city region, as well as helping to address local congestion issues. The increased use of the existing rail lines could include conversion to tram-train use on the Atherton line and electrification on the Bolton line. This would increase capacity and, along the Atherton line has the potential to increase the number of stations. The rail lines and new road infrastructure extend through and near a series of deprived neighbourhoods across central Wigan and into south Bolton and will greatly improve access to employment opportunities, and hence will have a major regenerative role and reduce levels of deprivation.
- 4.56** There are numerous development sites already identified along this corridor, including some major brownfield sites such as those to the north of Leigh, south of Hindley and at Westwood Park. However, in order to maximise the contribution of this corridor to boosting the competitiveness of the northern areas, support the economic prospects of Wigan and Bolton, and maximise the benefits of new transport infrastructure, there is also selective release of land from the Green Belt for employment and housing development.
- 4.57** There are two significant assets at the eastern end of this growth corridor. Hulton Park is the proposed site for a Ryder Cup golf course and the Royal Bolton Hospital is a significant employer and the site of the Bolton College of Medical Sciences. The development of land at the hospital will enable its evolution and provide additional opportunities, including new health technology related activities, which would benefit from this location, alongside new housing development. The corridor also benefits from its proximity to other important assets. Wigan Town centre lies just to the north, which provides direct rail access to London, with the current journey times of 2 hours set to reduce substantially with the arrival of HS2 services. The lowland wetland and mosslands are just to the south, forming part of the strategic green infrastructure network.

Policy GM-Strat 8

Wigan-Bolton Growth Corridor

Lying within the area and policy framework covered by GM-Strat 6, the Wigan – Bolton Growth Corridor will deliver a regionally-significant area of economic and residential development.

New highway infrastructure will connect Junction 26 of the M6 and Junction 5 of the M61 including public transport provision. Measures to improve the provision of bus services and to increase the use of rail lines will be implemented, potentially including a Wigan to Bolton Quality Bus Transit corridor, conversion of the Atherton line to allow for metro/tram-train services, and the electrification of the Bolton to Wigan line.

Over the period 2020-2037, land to accommodate just over 1million sqm of new employment floorspace and approximately 13,000 new dwellings has been identified within the area.

The majority of this new development will be on previously-developed land, within the urban area. However, in order to meet the overall spatial strategy, the GMSF allocates the following sites within the area, and makes associated changes to the Green Belt, to further support the success of the growth corridor:

- Policy GM Allocation 4 'Bewshill Farm'
- Policy GM Allocation 5 'Chequerbent North'
- Policy GM Allocation 6 'West of Wingates / M61 Junction 6'
- Policy GM Allocation 42 'M6 Junction 25'
- Policy GM Allocation 45 'West of Gibfield'

In addition, the following will also be supported:

- The restoration of Hulton Park, and the provision of a Ryder Cup standard golf course and associated leisure and tourism facilities,
- The development of land at Royal Bolton Hospital, including a health village.

WIGAN-BOLTON GROWTH CORRIDOR

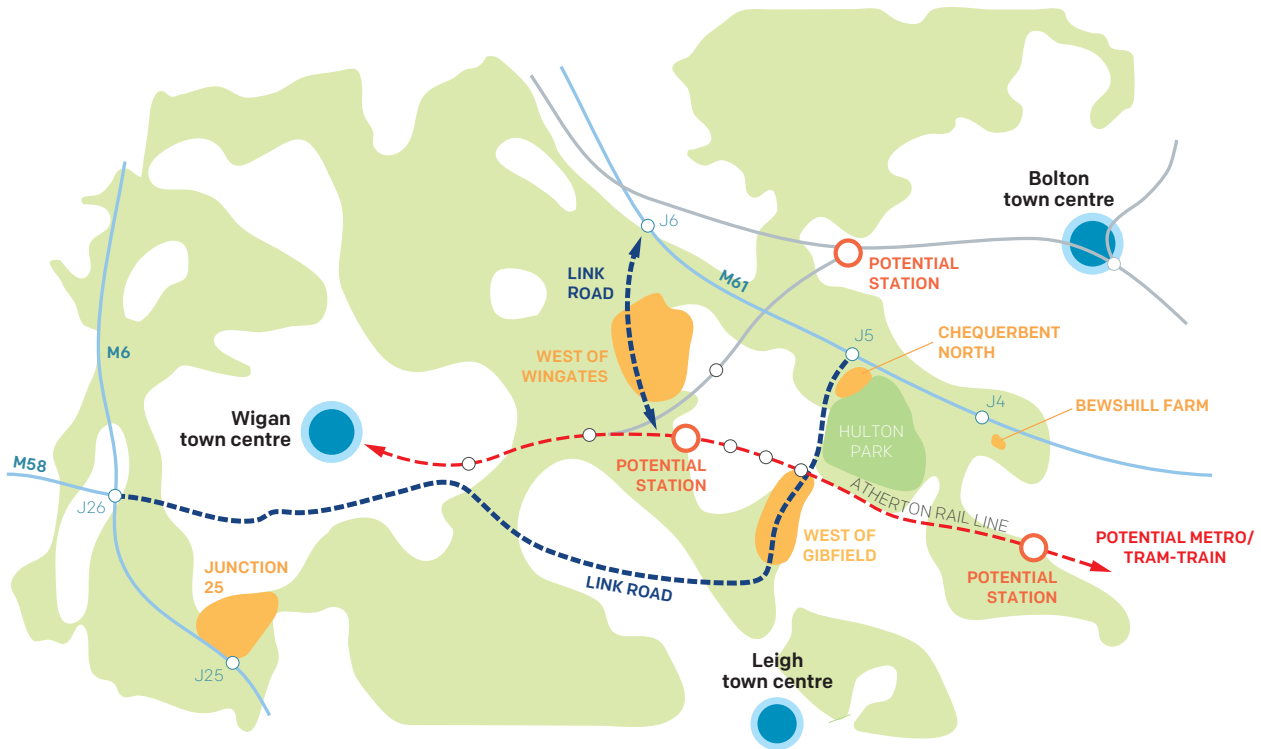


Figure 4.6 Wigan-Bolton Growth Corridor

Sustaining Southern Competitiveness

- 4.58** The southern areas of Greater Manchester are typically characterised by high levels of demand and forecast growth, and include some of the city region's most popular neighbourhoods. Large parts of the south, extending into north Cheshire, have high house prices and relatively high household incomes, but also significant issues of affordability. Nevertheless, there are pockets of deprivation across the southern areas, and hence significant disparities between communities.
- 4.59** Some areas of the south have good rapid transit connections to the City Centre, however there are opportunities to improve connectivity. The area also benefits from the international connections of Manchester Airport. Following the development and completion of HS2 and Northern Powerhouse Rail, the City Centre, Stockport and Manchester Airport will be amongst the best-connected locations in the country, and the southern areas will be well-located to take advantage of this.

- 4.60** The landscape of the southern areas contrast with the upland landscape of the northern parts of Greater Manchester. The southern areas contain important strategic green infrastructure assets, including major river valleys such as the Mersey and Bollin and some extensive areas of woodland particularly in Stockport.
- 4.61** The overall spatial strategy for Greater Manchester seeks to spread prosperity to all parts of the city region. However, this must be balanced with the need to ensure that the competitiveness of the southern areas is sustained, and the potential of key assets such as the town main centres and Manchester Airport is realised. It is essential that this is done in a sensitive way that protects the character and quality of key landscapes which will also help to deliver broader sustainability objectives.
- 4.62** Stockport provides an excellent opportunity to deliver sustainable communities in the heart of the southern urban area. Existing good transport connections will be improved to deliver links not only to the city centre but also to surrounding areas. This includes the consented Stockport Interchange, the masterplan for Stockport rail station and provision of Metrolink/tram-train network. Alongside the full package of public transport, walking and cycling improvements, the centre is able to provide residential living with a mix of housing alongside access to employment opportunities in those centres and beyond, whilst providing the services that make town centre living attractive. Stockport Council has already signalled its intentions in this regard, with the creation of the first Mayoral Development Corporation (MDC) which will help to improve the residential, retail, leisure, office and industrial offer in and around the Town Centre in order to drive economic growth whilst putting positive place-making at its heart. The Council's commitment to the delivery of significant investment in the town centre will bring about the regeneration of the centre and the GMSF presents the ideal opportunity to build upon the early successes.
- 4.63** Stockport's MDC will deliver a new community of up to 3,500 homes and approaching 100,000 sqm of commercial space over the next 15-20 years. More than 50 hectares of land to the west of the Town Centre will deliver significant regeneration on low density brownfield land and provide a new community which supports the economic viability of the town centre, providing a model for other GM towns and beyond. Its initial four-year pipeline of 1,000 new homes has already started to deliver an improved standard for Town Centre Living.
- 4.64** The MDC will deliver an affordable urban community that will focus on innovation and sustainability as two of its guiding principles. This is well encapsulated in the new future-ready Transport Interchange scheme to connect rail, buses, walking and cycling together with provision of 196 new homes, an 8,000 sqm urban green park and with access down to the River Mersey.
- 4.65** A significant amount of investment in both development and new and improved transport infrastructure will also be focused around two of Manchester's key assets, Manchester Airport and Wythenshawe Hospital. This will include the selective release of Green Belt for new employment and housing around the airport and on the main east-west axis extending along (but not exclusively) the airport relief road through to the Davenport Green area around the

proposed HS2 station and beyond to the hospital and southern edge of Timperley. Development in this location will need to be cognisant of and complementary to the aspirations of existing businesses in the locality.

- 4.66** An additional location in this area which has been identified as being especially important to Greater Manchester, is the proposed development focused around the former chemicals complex at Carrington in Trafford, which will enable a significant amount of contaminated land to be restored. It will make a significant contribution to the area's new housing and economic growth as well as supporting the regeneration of neighbouring Partington and Sale West. Separate policies on the Manchester Airport area and New Carrington are set out below.
- 4.67** The southern areas benefit from their proximity to prosperous locations just outside Greater Manchester, such as Cheshire East and Warrington, and taking opportunities to increase further the economic and functional connections between these areas supports their mutual success. Given the proximity of development outside the GM boundary, to the south, to the need to work with our partners to coordinate major development close to the boundaries of Greater Manchester, such as the North Cheshire Growth Village in Cheshire East is recognised, particularly in terms of transport implications.

Policy GM-Strat 9

Southern Areas

The economic competitiveness, distinctive local neighbourhood character and environmental attractiveness of the southern areas will be protected and enhanced. There will be a strong emphasis on prioritising the re-use of brownfield land and promoting the roles of the areas' town centres (including Greater Manchester's first MDC in Stockport town centre where 3,500 new homes and 100,000 sqm of commercial floorspace will be delivered) and its other key assets, including education and training facilities enabling people to gain access to employment opportunities. There will be an increase in the mix, type, quality and range of residential offer and a strengthening of its economic role. This will be complemented by improvements to transport connectivity, local character and the selective release of Green Belt in key locations.

The economic potential of, and benefits of investment in, Altrincham and Stockport Main Town Centres and Manchester Airport and Stockport Town Centre, along with associated transport infrastructure will be maximised. There will be an emphasis on improving transport connections and accessibility by public transport, cycling and walking, ensuring access to key employment opportunities in this area. Development in these areas will contribute to reducing poverty and will be inclusive.

Development in these locations will be of good quality and design, supported by the necessary infrastructure and amenities and will seek to identify opportunities to protect and enhance the natural and historic environments and to improve the local character.

Manchester Airport

- 4.68** Manchester Airport is the third busiest passenger airport in the UK, and the largest outside London, handling c. 28 million passengers in 2019 and adding £1.4bn GVA to the regional economy and supporting c. 25,000 jobs on-site. It is the only airport in the country other than Heathrow to have two full length runways, but with the key advantage of having significant spare capacity, and the potential to grow to some 55 million passengers a year. Unique among non-London airports, it has the infrastructure, connectivity and scale to sustain a growing network of medium and long-haul routes. This enables Northern Britain to benefit from a major international air gateway for both business and leisure traffic, passengers and freight. This is a vitally important role not just for Greater Manchester but also for a much wider area across the North and Midlands, enabling businesses and residents to access opportunities across the globe and providing a key access point for international visitors to the UK. The airport is a key factor in realising the wider growth agenda for the North and unlocking the economic potential of cities and regions within its catchment area. More locally, the emerging Airport City development (part of the Greater Manchester Enterprise Zone) is creating a major new economic asset for Greater Manchester, attracting global occupiers and investment attracted by the unrivalled connectivity.
- 4.69** A major (£1bn) investment programme is underway to transform the airport and improve its facilities to create a much improved customer experience and meet the changing needs of passengers and airlines. Its expanding route network and growth are supported by the Government's policy⁽¹³⁾ to make best use of the UK's runway capacity and maintain the UK's international connectivity and place in the global market. This could also help to reduce pressure on congested airports in London and the South East. Growth and an expanding route network could see throughput growing to make best use of its existing runways and handle around 55 million passengers per annum. In 2020 Manchester Airport Group (MAG) published a new Corporate Social Responsibility (CSR) Strategy.⁽¹⁴⁾ In producing the CSR, MAG recognises that aviation will be one of the hardest industries to decarbonise and as such their new Strategy sets out a commitment to achieving “net zero carbon” emissions from their airport operations by 2038, ahead of the 2050 national target. The CSR has been developed at this important time, with growing awareness of the need to tackle both global and local challenges. The CSR sets out MAG's ambitious commitments which will guide the sustainable development of the airport. It sets out ways MAG will achieve zero carbon status; how MAG will create quality employment opportunities for all and; how MAG will engage with communities.
- 4.70** To maximise the contribution of the airport to the wider growth agenda, it needs to be well-connected to the key towns and cities that it serves. High quality reliable and speedy journeys are crucial to spreading the economic stimulus that it creates and encouraging the growth in long haul services. This requires further investment in the North's strategic road and rail corridors, as part of a wider strategy to better connect the region's key gateways and economic centres. The M56 J6 to J8 smart motorway scheme will serve to maximise

13 Beyond the Horizon. Making best use of existing runways. DfT June 2018 - see www.gov.uk/government/publications/aviation-strategy-making-best-use-of-existing-runways

14 <https://www.magairports.com/responsible-business/our-responsibility-plans/>

the benefits of recent/ongoing investment in the A556 and M6 J19 improvements. Highways England have also commenced a South Manchester Highways and Transport Study which is exploring options for improvements to transport links to mitigate the impact on the M56 of proposed growth in this location. The provision of a new HS2 station with journey times to London of just over an hour, and the planned Northern Powerhouse rail network will significantly improve the airport's connectivity, reduce journey times and make the airport area one of the best-connected locations in the country. Journeys to the Airport will also be enhanced by the completion of the Metrolink Western Leg and proposed Bus Rapid Transit service(s) along new spine roads linking development in Timperley Wedge and Medipark into the existing urban areas of Altrincham and Wythenshawe. On the eastern side, delivery of Metrolink/tram-train between Stockport town centre and the Airport and the Bus Rapid Transit network into Stockport and Cheshire East will provide key public transport connectivity improvements. This improved connectivity, along with improved links and services across Greater Manchester, will not only be vital to increasing the proportion of passengers and staff who access the airport by public transport, but will also support wider business opportunities and investment, attract inbound visitors and help to spread the employment opportunities at the airport to communities across the conurbation reducing inequalities and poverty.

- 4.71** Guided by Manchester City Council's local plan, Manchester Airport's Sustainable Development Strategy and long-term Airport master plans, the airport therefore provides a major opportunity to boost the competitiveness and prosperity of Greater Manchester, and the wider UK, and support higher levels of economic growth. Although Aerodrome safeguarding to protect the safe operation of the airport and the noise footprint associated with aircraft noise place restrictions on the acceptable type of development in certain areas, there is considerable potential to increase the scale of economic activity and housing near to the airport and the proposed HS2 station, enabling more residents and businesses to take advantage of the outstanding connectivity in an area of high market demand.

Policy GM-Strat 10

Manchester Airport

Lying within the area and policy framework covered by GM-Strat 9 this policy seeks to maximise the benefits to Greater Manchester of the continued operation and sustainable growth of Manchester Airport and its surrounding locality. Development which is in line with:

- Government policy
- Manchester's Local plan policies and
- Manchester Airport Group's Corporate Social Responsibility Strategy

will be supported delivering a sustainable world class airport which will help to address issues raised by climate change. With high quality services and facilities it will be the UK's principal international gateway outside London. The airport and its surrounding locality will make a major contribution to the competitiveness of the North, Midlands and Wales by supporting inward

investment, international trade and tourism, high quality new homes and supporting the economic and social regeneration of GM. It will be central to raising the global profile and economic performance of Greater Manchester.

The accessibility and connectivity of the area will be greatly enhanced, including through:

- A. The development of a new HS2 station immediately to the west of the airport;
- B. Northern Powerhouse Rail connections to other city regions;
- C. The construction of the Western Leg extension of Metrolink via the proposed HS2 station, connecting through Davenport Green back to the existing line near Wythenshawe Hospital;
- D. The construction of a direct Metrolink/tram-train link between Stockport and the Airport;
- E. Improved local public transport services and connections such as Bus Rapid Transit links by a new spine road through the Timperley Wedge allocation towards Altrincham;
- F. Improved local public transport services and connections, such as Bus Rapid Transit links to the Stockport and Cheshire East areas;
- G. The provision of a network of cycling and walking routes.

The benefits of the exceptional connections will be maximised, including by:

- 1. Completing the development of Airport City immediately around the airport, which will provide a total of around 500,000 sqm of office, logistics, hotel and advanced manufacturing space;
- 2. Continuing to develop Medipark and Roundthorn Industrial Estate as a health and biotech cluster, taking advantage of the research strengths of the adjacent Wythenshawe Hospital and the wider Manchester University NHS Foundation Trust;
- 3. Delivering approximately 60,000 sqm of office floorspace around the new HS2 station;
- 4. Providing a minimum of 1,700 new homes to the west of the M56 at Timperley Wedge, up to 2037;
- 5. Providing a minimum of 2,125 new homes along the route of BRT at allocations in Stockport;
- 6. Providing sufficient development opportunities to take full advantage of the introduction of HS2 and NPR into this location.

The GMSF allocates three sites near the airport, and makes associated changes to the Green Belt boundaries, to support these developments:

- Policy GM Allocation 3.1 'Medipark'
- Policy GM Allocation 3.2 'Timperley Wedge'
- Policy GM Allocation 10 'Global Logistics'

The GMSF also allocates three further sites along the eastern BRT network and makes associated changes to the Green Belt boundaries, to support these developments:

- 'Heald Green 1 (West)'
- 'Heald Green 2 (East)'
- 'Woodford Aerodrome'

MANCHESTER AIRPORT

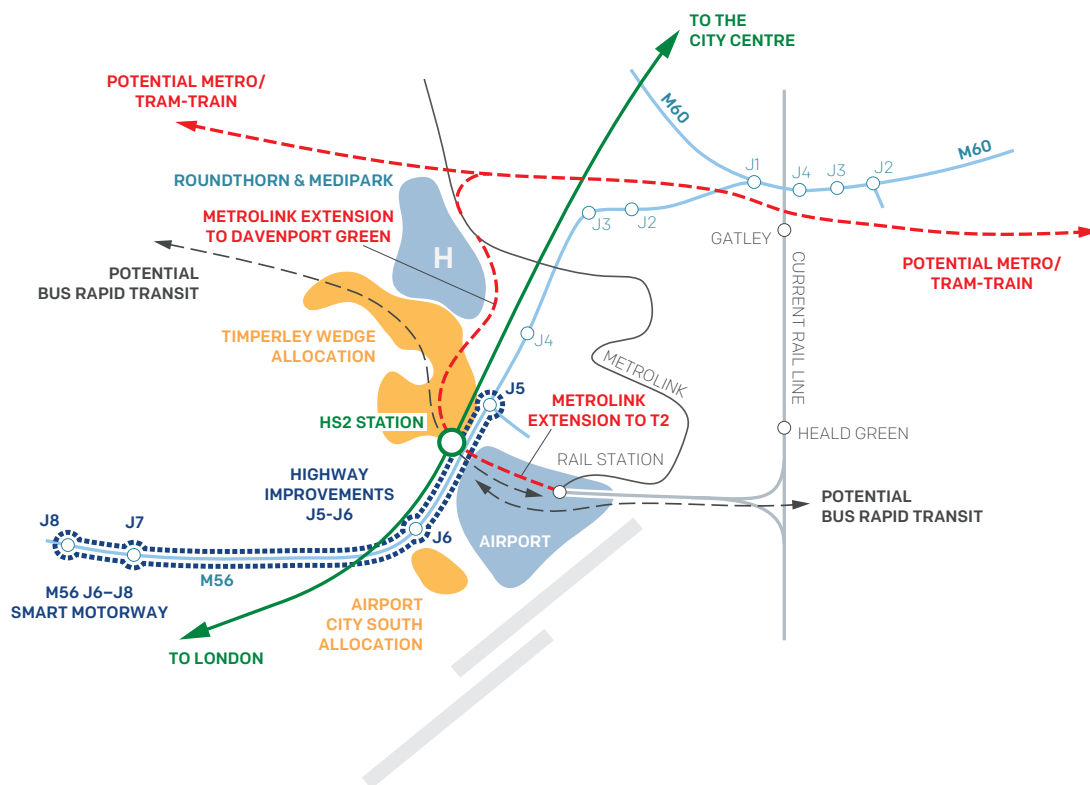


Figure 4.7 Manchester Airport

New Carrington

- 4.72** New Carrington provides a significant opportunity in this part of Greater Manchester to deliver a transformational mixed use development. This location in the western part of Trafford enables the redevelopment of the extensive former Shell Carrington industrial estate, support

the regeneration of neighbouring Partington and Sale West. It will deliver the scale and mix of development and associated infrastructure necessary to ensure the development is sustainable and delivers inclusive growth. The release of some Green Belt land is required to achieve these objectives.

- 4.73** The inclusion of a large amount of employment development and local facilities, as well as a diverse range of housing, will enable New Carrington to function as a sustainable neighbourhood within Greater Manchester rather than a isolated community. However, it will be important to ensure that it is fully integrated into the existing Partington and Sale West areas, so that its regenerative potential is maximised and existing and new communities are not separated.
- 4.74** The area is currently served relatively poorly by public transport, and significant investment will be required to ensure that residents and workers in the area can travel sustainably. The former railway line that runs through the site has considerable potential in this regard, offering the opportunity to deliver a sustainable transport corridor through the site to Timperley / Altrincham in the east and also extending through to Irlam / Cadishead in Salford to enable better movement across the Manchester Ship Canal. Major improvements in highway access will also be required, including the proposed Carrington Relief Road as well as upgrades to the Carrington Spur and Junction 8 of the M60 which connect into the development area.
- 4.75** New development in this location will adopt sustainable principles, maximising opportunities to mitigate environmental impacts and deliver inclusive growth for the benefit of local communities. Development in this location will extend beyond the end of the GMSF period.

Policy GM-Strat 11

New Carrington

Lying within the area and policy framework covered by GM-Strat 9 this policy seeks to deliver a significant mixed use development. Over the period 2020-2037 land to accommodate around 4,300 dwellings and 350,000 sqm of employment floorspace has been identified and will be delivered together with a new local centre.

New development will be fully integrated with the existing communities of Carrington, Partington and Sale West, enhancing the quality of places and their local character, including through good quality design, enhanced green infrastructure (and access to it) ensuring that maximum regeneration benefits are secured.

Major investment in active travel, public transport and highway infrastructure, such as the Carrington Relief Road, improvements to Junction 8 of the M60 and public transport corridors will be delivered to support the development of New Carrington, ensuring it is well-connected to the rest of Greater Manchester.

Policy GM Allocation 41 'New Carrington' allocates the development site and provides more detailed requirements for its implementation.

NEW CARRINGTON

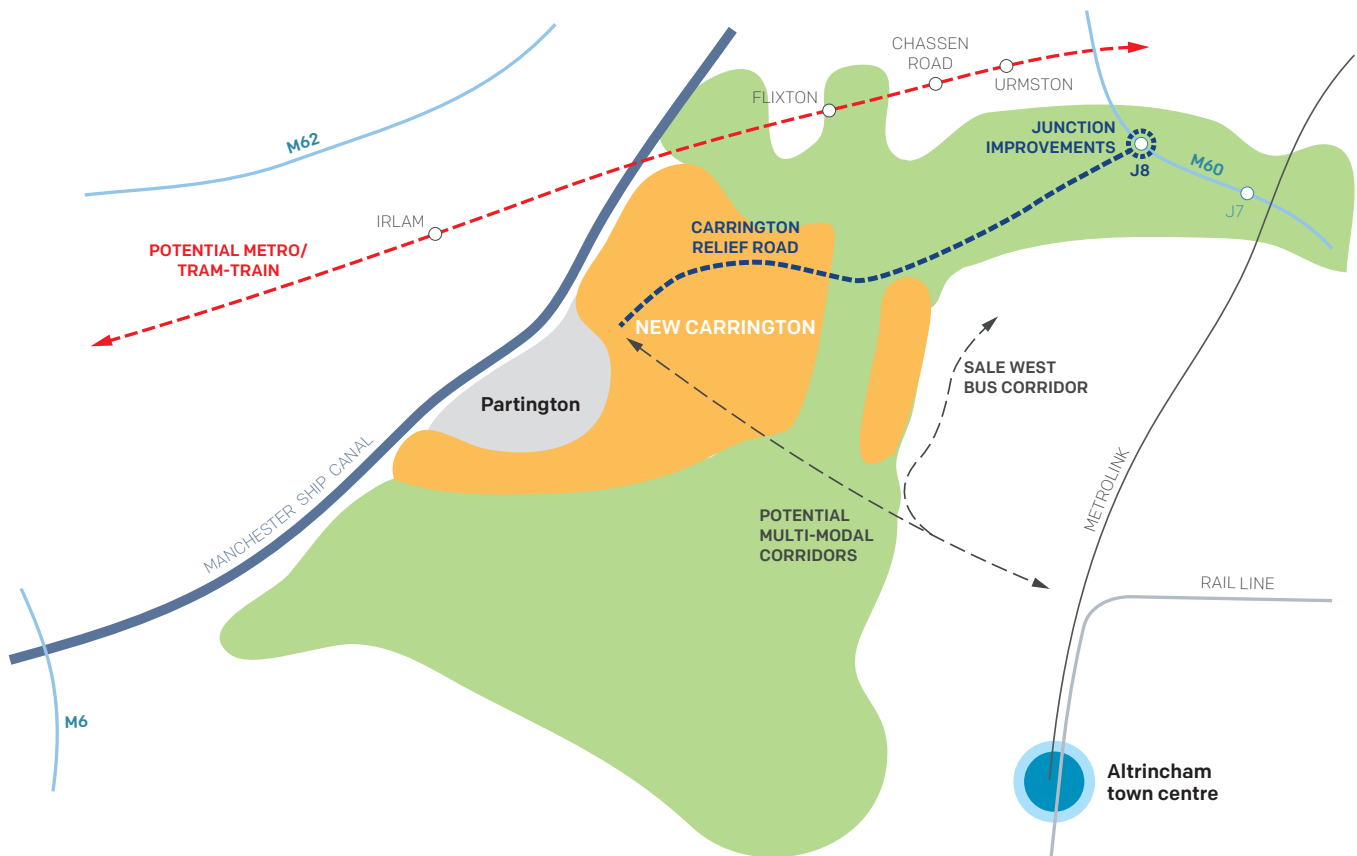


Figure 4.8 New Carrington

Main Town Centres

- 4.76** There are eight main town centres in Greater Manchester: Altrincham, Ashton-under-Lyne, Bolton, Bury, Oldham, Rochdale, Stockport and Wigan. They are immensely important to their host districts, and Greater Manchester as a whole, as a source of local identity and pride, the prime location for shops and services, and a major supply of employment and leisure opportunities. They are complemented by a diverse collection of smaller town centres and local centres across the ten districts.
- 4.77** The main town centres are amongst the most accessible locations by public transport, walking and cycling. Each centre benefits from relatively large catchment populations, which makes them suitable locations for a range of office, retail, leisure and tourism development, but

their role in acting as a location for residential use is increasing. It also means that they function as important transport gateways to the wider Greater Manchester area and beyond but services to the City Centre are generally better than between the town centres.

- 4.78** Changes in the retail market and the way that both public and private services are delivered have placed pressures on town centres, for example resulting in the closure of some shops including historic ‘anchor’ stores. The main town centres will need to adapt and respond to changing circumstances if they are to continue to flourish and successfully meet the needs of surrounding communities. The long-standing retail, leisure, cultural and community functions will remain central, but the way they are provided is likely to evolve. Businesses, service providers, community groups and other actors working together in partnership can enhance both the local economy and the popularity of centres. The Mayor's Town Centre Challenge is positively promoting our town centres' evolution.
- 4.79** Expanding the resident population of the main town centres will become increasingly important, helping to generate the necessary footfall and vibrancy to sustain facilities and enhance the attractiveness of the centres. Increasing the numbers of residents in town centres will also enable more people to take advantage of their transport connections and for brownfield land to be prioritised in development. This residential market is quite poorly developed in most of the centres at present, but the potential in each is significant. The main town centres offer the opportunity to provide a more affordable alternative to the City Centre and the Quays, both for businesses to locate and skilled workers to live, whilst providing excellent access to services and facilities. The public transport corridors into the main town centres will also have an important function, especially as a location for new housing, further increasing the number of people with easy access to town centre facilities by sustainable modes of transport.

Policy GM-Strat 12

Main Town Centres

The role of the main town centres as local economic drivers will continue to be developed, providing the primary focus for office, retail, leisure and cultural activity for their surrounding areas. Development here will offer a significant opportunity to reduce levels of poverty and deliver inclusive growth.

Opportunities to further increase the population catchments of these centres will be taken, including significantly increasing the resident population of the main town centres by providing a mix of type and size of dwellings supported by the necessary infrastructure and amenities including new and improved public spaces and green infrastructure. This will be achieved alongside, rather than displacing, the range of non-residential uses in the centres. Housing growth along the key public transport corridors into the main town centres will also be promoted, further increasing the population catchments of those centres.

The role of the main town centres as major public transport hubs will be developed and supported by a network of active travel routes, enabling residents to have improved access to opportunities across Greater Manchester as well as within the centres themselves.

Development will be carefully managed to ensure that the local distinctiveness of each main town centre is retained and enhanced. Opportunities will also be taken to protect and enhance natural and historic assets in the town centres.

A new town centre is proposed for designation at Salford Quays in the Publication Draft Salford Local Plan: Development Management Policies and Designations. Should that designation become part of Salford's Adopted Local Plan, development in that location will be subject to this policy.

Strategic Green Infrastructure

- 4.80** Green infrastructure (the network of green and blue spaces and features) provides a range of vital environmental services for Greater Manchester, contributing to quality of life, supporting economic growth, and promoting good health by enabling recreation and active travel. It is an essential component of attractive and liveable places, and hence its importance must not be underestimated. More details on the approach to green infrastructure are set out in a later chapter titled 'A Greener Greater Manchester' (8 'A Greener Greater Manchester').
- 4.81** Protecting and enhancing the green infrastructure network throughout Greater Manchester (including its accessibility) is central to the overall vision for the city region, but there are a small number of green infrastructure assets that are of particular significance and hence need to be seen as an integral element of the spatial strategy. They make a major contribution to the character of different parts of Greater Manchester, are key components of the wider network of habitats, and often fulfil other important functions such as managing flood risk, providing recreation opportunities and sequestering carbon.

Policy GM-Strat 13

Strategic Green Infrastructure

The following strategic green infrastructure assets will be protected and enhanced as key features within Greater Manchester:

1. River valleys and waterways (see Policy GM-G 3 'River Valleys and Waterways')
2. Lowland wetlands and mosslands (see Policy GM-G 4 'Lowland Wetlands and Mosslands')
3. Uplands (see Policy GM-G 5 'Uplands')
4. Trees and woodland (see Policy GM-G 7 'Trees and Woodland').

The protection and enhancement of these key strategic green infrastructure assets is complemented by a suite of policies to protect and enhance Greater Manchester's network of green infrastructure, including protecting and enhancing sites of ecological value. This will enable Greater Manchester's residents to access and maximise the benefits of green infrastructure on their health and wellbeing.

A Sustainable and Integrated Transport Network

- 4.82** The strength and future success of Greater Manchester as a whole and the strategically important locations identified in this plan will depend partly on the quality of public transport connections. Such links are vital for enabling businesses to take advantage of the city region's huge labour market and skills base, and for residents from all parts of Greater Manchester, and particularly those living in deprived neighbourhoods, to access the large number of jobs, leisure opportunities, social infrastructure (such as education and health care) and other facilities, as this will help to reduce levels of poverty.
- 4.83** Improved public transport between Greater Manchester and other cities will help reduce long-distance car use, support business, and open-up a wider range of employment and leisure opportunities for residents. Proposals for HS2 and Northern Powerhouse Rail will consolidate the position of Greater Manchester as one of the most connected areas in the UK and will support existing businesses, inward investment and job creation. Together they will provide high speed rail connections to London via Birmingham and faster direct routes to Leeds, Sheffield and Liverpool.
- 4.84** Within Greater Manchester rapid transit routes, such as rail, Metrolink and Bus Rapid Transit, are especially important, as they provide the type of frequent, fast, high quality services that are a particularly attractive alternative to the car. Greater Manchester is already relatively well-served by rapid transit networks, but there is considerable scope for further expansion and enhancement including the development of orbital links. The focus of such routes is typically the City Centre - which is why there is an urgent need to increase the capacity of the network in the central area - but there are also important links between other centres and key social infrastructure facilities.
- 4.85** The significance of these rapid transit routes, and the costs involved in constructing and operating them, make it essential that their benefits are maximised. Delivering a significant increase in the number of residents that have easy access to such routes is therefore a central priority for the GMSF, including optimising development densities and improving the network of cycling and walking routes within the urban area to enable as many people as possible to live close and/or to have easy access to sustainable travel options, thereby reducing the need to travel by car.

- 4.86** Almost 76% of public transport trips in Greater Manchester are by bus across a very broad network of services, which means there is also a strong imperative to improve and strengthen our bus network for existing passengers and to encourage new users. Greater Manchester is currently assessing options for integrated ticketing, reform of the bus market and whole route upgrades, which have the potential to bring significant benefits to the network.
- 4.87** Currently almost half of the trips made by Greater Manchester residents are less than 2km in length with over 40% of these trips being made by car. There is therefore great potential for increasing cycling and walking in Greater Manchester, which will be fundamental in achieving the city region’s overall transport vision. High-quality new and improved walking and cycling routes and infrastructure will be needed, and the barriers that currently discourage people from walking and cycling will need to be removed. The Greater Manchester Cycling and Walking Investment Plan “Change a Region to Change a Nation” sets out our ambition to become the first city-region in the UK to have a fully joined up walking and cycling network.

Policy GM-Strat 14

A Sustainable and Integrated Transport Network

The transport network will be improved so that half of all daily trips can be made by public transport, cycling and walking, especially those shorter journeys around neighbourhoods.

An ambitious programme of investment in our transport network will be crucial to ensure much greater access for people across Greater Manchester to high quality, high frequency, easy-to-use, public transport services, and benefit from healthy and active streets. The local programme of investment needs to be complemented by significant national and regional projects such as HS2 and Northern Powerhouse Rail to ensure that Greater Manchester’s connectivity is significantly improved to key locations outside of the conurbation, such as London, Liverpool, Leeds, Sheffield and Birmingham. Collectively this will ensure that residents in Greater Manchester will have access to economic opportunities.

The creation of a much larger, integrated, rapid transit network – incorporating bus, Metrolink, tram/train and rail services – will be supported by policies that focus new development in locations close to existing and proposed public transport connections. And initiatives such as integrated smart ticketing, reform of the bus market, rail refranchising and increasing capacity at city centre bottlenecks will ensure all new routes function effectively as part of the overall network.

Higher densities will typically be appropriate in locations with good access to rapid transit connections.

New development will have a significant role in delivering Greater Manchester’s future sustainable and integrated transport network in order to reduce car dependency and increase levels of walking, cycling and public transport.

The image is a full-page background photograph of a rural landscape in Greater Manchester. In the foreground, two people wearing orange high-visibility jackets and blue hard hats stand on a grassy ridge, looking out over the hills. To their left, a metal staircase leads down the slope. In the middle ground, a tall, grey wind turbine stands prominently, its blades partially visible. The landscape consists of rolling green hills with scattered trees and small buildings. In the distance, more hills and a hazy horizon are visible under a soft, overcast sky. A white rectangular border frames the upper portion of the image, containing the main title text.

A Sustainable and Resilient Greater Manchester

Sustainable Development

- 5.1** The purpose of the planning system as set out in legislation and the National Planning Policy Framework (2019) is to contribute to the achievement of sustainable development and to maintain a presumption in favour of such development as part of plan making and decision taking. At a very high level, the objective of sustainable development can be summarised as meeting the needs of the present without compromising the ability of future generations to meet their own needs.
- 5.2** Achieving sustainable development means that the planning system has three overarching objectives, which are interdependent and need to be pursued in mutually supportive ways (so that opportunities can be taken to secure net gains across each of the different objectives).
- 5.3** This idea of delivering economic, social and environmental benefits together, in a mutually reinforcing way rather than sacrificing some objectives to deliver others is at the heart of achieving the United Nations Sustainable Development Goals⁽¹⁵⁾ and central to the GMSF and will contribute to Greater Manchester tackling climate change.
- 5.4** The GMSF can contribute to achieving many of these objectives, as well as supporting the overarching goal of sustainable development. This is reflected in the overall strategy, the proposed scale and location of development, and the individual policies and allocations. It includes protecting and enhancing key environmental resources, following the waste hierarchy, reducing waste generation, using sustainable construction techniques, combating and adapting to climate change, reducing carbon emissions to meet Greater Manchester's 2038 carbon neutrality target date, supporting high levels of economic growth in a way that can benefit all residents, and delivering sustainable patterns of development that minimise the need to travel and reliance on the car.

Policy GM-S 1

Sustainable Development

To help tackle climate change, development should aim to maximise its economic, social and environmental benefits simultaneously, minimise its adverse impacts, utilise sustainable construction techniques and actively seek opportunities to secure net gains across each of the different objectives.

Preference will be given to using previously-developed (brownfield) land and vacant buildings to meet development needs.

In bringing forward previously developed sites for development, particular attention will be paid to tackling land contamination and stability issues, ensuring that appropriate mitigation and remediation is implemented to enable sites to be brought back into use effectively.

15 <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Addressing Climate Change

- 5.5** Greater Manchester's Vision is to be at the forefront of action on climate change and to make its fair contribution to international commitments⁽¹⁶⁾ by becoming a carbon neutral city region by 2038. In acknowledgment of climate change, by 2020, all 10 districts and the Greater Manchester Combined Authority have declared a climate emergency. To support this vision a 5 Year Environment Plan⁽¹⁷⁾ was launched in 2019 to identify the urgent actions that are needed to ensure Greater Manchester can follow the required pathway for carbon neutrality.
- 5.6** To meet our carbon commitments Greater Manchester will need to:
- Be carbon neutral by 2038
 - Hold cumulative carbon dioxide emissions to within the Greater Manchester carbon budget
 - Initiate a programme of mitigation to reduce emissions including by:
 - Significantly upscaling solar photovoltaic energy;
 - Reducing heat demand in homes;
 - Moving away from carbon intensive gas as the primary source of heat;
 - Reducing heating and cooling demand for public and commercial buildings;
 - Increasing biofuel use;
 - Enable sustainable choices for travel and decarbonise transport;
 - Significantly upscaling building retrofit; and
 - Increase the delivery of nature based solutions and biodiversity net gain.
- 5.7** In supporting our ambitions, climate change is a key theme running throughout the plan, rather than being reduced to a single policy, and it is only through this combination of actions that it can be properly addressed. In particular we set out:
- Methods to de-carbonise the city region through new and existing development, effective land management and through the provision of infrastructure and new technologies Policy GM-S 2 'Carbon and Energy';
 - The delivery of renewable and low carbon energy schemes Policy GM-S 3 'Heat and Energy Networks';
 - Measures that will be taken in Greater Manchester to future proof the city region to mitigate environmental challenges, including climate change Policy GM-S 4 'Resilience';
 - Water based measures to adapt and reduce the impacts of climate change Policy GM-S 5 'Flood Risk and the Water Environment'; and

16 A Greater Manchester carbon budget compliant with the Paris Agreement was developed by Tyndall (2019) -

https://www.research.manchester.ac.uk/portal/files/83000155/Tyndall_Quantifying_Paris_for_Manchester_Report_FINAL_PUBLISHED_rev1.pdf

17 https://greatermanchester-ca.gov.uk/media/1986/5-year-plan-branded_3.pdf

- Measures to help Greater Manchester achieve a circulate and zero-waste economy Policy GM-S 7 'Resource Efficiency'.

Carbon and Energy

- 5.8** The vast majority of the existing homes in Greater Manchester will still be in existence in 2050.⁽¹⁸⁾ Existing domestic buildings contribute 33% of Greater Manchester's carbon dioxide emissions whilst existing non-domestic buildings contribute 35%.⁽¹⁹⁾ Retrofitting the existing building stock therefore presents a significant opportunity to help meet the 2038 carbon neutrality target. This can also contribute to the reduction of fuel poverty across Greater Manchester when targeted appropriately.
- 5.9** Without any mitigation, new development is estimated to result in around a 3% increase in energy demand.⁽²⁰⁾ However, new development also enables carbon reduction through the delivery of sustainable patterns of growth⁽²¹⁾, which can support new public transport investment, the establishment of new energy centres and decentralised heat infrastructure, and nature based solutions to sequester carbon, which also provide multi-benefits, as well as opportunities to deliver high standards of energy efficiency through good design. Clean growth is essential to meet future emission targets and to avoid costly retrofit programmes at a later date. Making this happen will require a co-ordinated approach towards carbon reductions through new and existing buildings and strategic energy infrastructure.
- 5.10** Meeting the 2038 carbon neutrality target will require a radical transformation across a range of sectors to drive carbon reduction. Within this, new development will have a critical role to play and all new homes and commercial/industrial buildings will need to achieve net zero carbon by 2028. The definition of net zero carbon development has been established by the UK Green Building Council.⁽²²⁾ It is expected that development in Greater Manchester will apply a net zero carbon approach to operational emissions up until 2028, thereafter emissions in construction should be considered. Minimum carbon reduction targets will be set in line with the Future Homes Standard of 80% or until such a time this is superseded.
- 5.11** To provide further confidence in decision making across Greater Manchester, supporting research⁽²³⁾ was commissioned to outline how the pathway to 2028 can be achieved for 'net zero in operation'⁽²⁴⁾ by setting out critical milestones and measures that would be expected when following the energy 'hierarchy' and adopting a fabric first approach. For overall carbon reduction targets it was recommended that these follow the trajectory as advised within the Future Homes Standard of 31% (2020) and 80% (2025).

18 DCLG figure quoted in http://www.lcmp.eng.cam.ac.uk/wp-content/uploads/081012_kelly.pdf

19 Energy Systems Catapult (2016), *Greater Manchester Spatial Energy Plan*:
<https://es.catapult.org.uk/publications/greater-manchester-spatial-energy-plan-full-report/>

20 Energy Systems Catapult (2016), *Greater Manchester Spatial Energy Plan*:
<https://es.catapult.org.uk/publications/greater-manchester-spatial-energy-plan-full-report>

21 <https://www.rtpi.org.uk/research/2018/may/settlement-patterns-urban-form-and-sustainability/>
22 <https://www.ukgbc.org/ukgbc-work/net-zero-carbon-buildings-a-framework-definition/>

23 Currie and Brown/Centre for Sustainable Energy (2020), GMCA Energy and Carbon Implementation Study

24 <https://www.ukgbc.org/ukgbc-work/net-zero-carbon-buildings-a-framework-definition/>

- 5.12** As the electricity grid becomes more decarbonised the ability of renewable energy to offset carbon emissions minimises. However the contribution of such technologies to energy demand reduction and running costs become significant as services move to all electric solutions. The research has shown that in a low carbon context, the use of heat pumps alone could lead to higher runner costs (as they consume energy, not generate), increasing the potential for more households being in fuel poverty, production of waste heat and an increased risk of creating local network capacity issues.
- 5.13** For Greater Manchester to meet its carbon neutrality commitments there has to be an increase in renewable energy generation. Community initiatives are likely to play an increasingly important role in the uptake of renewable energy and should be encouraged as a way of providing positive local benefits to wider society. The advantages of increasing renewable and low carbon energy capacity will need to be balanced against any potential impacts such as on residential amenity, local environment and landscape character, sites of conservation and heritage value, telecommunications and aviation equipment and air quality.
- 5.14** Based on the evidence which has informed the 5 Year Environment Plan and achieving net zero carbon in new development, this has shown that there will need to be a significant increase in photovoltaic technology. Therefore in Greater Manchester the following targets will be sought in relation to reducing energy demand and onsite renewable energy generation.

	Space Heat Demand⁽²⁵⁾	Hot Water Energy Demand⁽²⁶⁾	Renewable Energy Generation Targets
2021 - 2025	Houses (30kWh/m2) Flats (25kWh/m2)	20% energy demand reduction (compared to Part L 2013)	*Photovoltaic installation: 20% ground floorspace
2025 - onwards	Houses (20kWh/m2) Flats (15kWh/m2)	^20% energy demand reduction (compared to Part L 2020)	*Photovoltaic installation: 40% ground floorspace
<p>*Ground floorspace used as a proxy for available roof area.</p> <p>^will need to be reviewed with Future Homes Standard 2025 to determine if savings already embedded.</p>			

Table 5.1 Targets For Reducing Energy Demand and Onsite Renewable Energy Generation

26 Reduction in expected DHW **grid energy demand** compared to the Part L concurrent notional building. Takes into account the efficiency of the domestic hot water generating system, on-site energy generation and direct use, and any other passive hot water energy recovery systems installed.

25 As calculated within SAP2012, Space Heating Requirement (Box98 or equivalent at later SAP versions). It does not take into account the efficiency of the space heating system. It is based on a fabric first approach (insulation and airtightness)

- 5.15** Unregulated emissions (e.g. those associated with plug loads/appliances) are expected to be assessed as part of the requirement to meet ‘net zero carbon’ in operation from 2025 onwards. The only way that this can be deliverable will be through the use of on site electricity generation or through carbon offsetting (‘allowable solutions’) as occupants lifestyle choices are not pre-determined by energy efficiency measures associated with construction standards.
- 5.16** By following the energy hierarchy, new development will need to achieve net zero carbon through the maximisation of on-site measures first. However, in circumstances where a development has demonstrated that the hierarchy has been followed and there are no reasonable alternatives to meet the minimum carbon reductions, then payment to offset remaining emissions will also be required. Such payments should be expected to fund other carbon saving programmes within Greater Manchester to help meet the 5 Year Environment Plan targets (such as energy efficiency retrofit and renewable energy installations). The Mayor of Greater Manchester is developing an Environment Fund, which will provide a mechanism for carbon offset payments to be made. Districts may also develop alternative approaches within Local Plans.
- 5.17** When considering a whole life approach for any new building, embodied emissions from construction can account for up to half of the carbon impacts associated with its lifecycle.⁽²⁷⁾ In addition, other emissions can be attributed to the end of life stages such as demolition, repair or refurbishment.
- 5.18** It is also important that post occupancy evaluation is considered as part of a monitoring programme to ensure buildings function as they are designed and mitigation measures can be identified to address any performance gap (where a buildings modelled energy and carbon performance does not equate to actual in-use operation). Various industry initiatives⁽²⁸⁾ are also beginning to address this issue so that this can be minimised as part early as part of the design and build process. Supplementary planning guidance can also help developers and planning officers to identify the level of information required to meet these requirements as well as wider policy implementation.
- 5.19** Greater Manchester seeks to promote investment in new zero-carbon technologies, to reduce the reliance on carbon based fuels to accelerate the speed at which such new technologies become financially viable and/or technically feasible. Work undertaken by the Tyndall Climate Change Research Centre⁽²⁹⁾ has shown that the continued extraction of fossil fuels will not be compliant with a carbon emissions reduction pathway that is aligned with international commitments within the ‘Paris Agreement’. It is therefore considered prudent to not exploit new sources of hydrocarbons and keep fossil fuels in the ground so at this point in time Greater Manchester will not support hydraulic fracturing (fracking).

27 <https://www.rics.org/uk/upholding-professional-standards/sector-standards/building-surveying/whole-life-carbon-assessment-for-the-built-environment/>

28 Such as BSRIA Soft Landings Framework, Better Buildings Partnership Design for Performance initiative and the Governments Soft Landings (GSL)

29 Report to inform Greater Manchester Spatial Framework – Carbon and Energy Policy, Tyndall (2019)

Policy GM-S 2

Carbon and Energy

The aim of delivering a carbon neutral Greater Manchester no later than 2038, with a dramatic reduction in greenhouse gas emissions, will be supported through a range of measures including:

1. Promoting the retrofitting of existing buildings with measures to improve energy efficiency and generate renewable and low carbon energy, heating and cooling;
2. Promoting the use of life cycle cost and carbon assessment tools to ensure the long term impacts from development can be captured;
3. Taking a positive approach to renewable and low carbon energy schemes, particularly schemes that are led by, or meet the needs of local communities;
4. Keeping fossil fuels in the ground;
5. Planning for a balanced and smart electricity grid by identifying geographical locations which could support energy assets⁽³⁰⁾;
6. Increasing the range of nature based solutions including carbon sequestration through the restoration of peat-based habitats, woodland management, tree-planting and natural flood management techniques;
7. Development of Local Area Energy plans to develop cost effective pathways to achieve carbon targets;
8. An expectation that new development will:
 - a. Be net zero⁽³¹⁾ carbon from 2028 by following the energy hierarchy (with any residual carbon emissions offset), which in order of importance seeks to:
 - i. Minimise energy demand;
 - ii. Maximise energy efficiency;
 - iii. Utilise renewable energy;
 - iv. Utilise low carbon energy; and
 - v. Utilise other energy sources.

With an interim requirement that all new dwellings should seek a minimum 19% carbon reduction against Part L of the 2013 Building Regulations.⁽³²⁾
 - b. Incorporate adequate electric vehicle charging points to future proof for the likely long-term demand, taking account of the potential maximum energy demand for the site;

30 Such assets could be heating / cooling networks, electricity generation or storage infrastructure or a mixed hybrid approach subject to local demand and connectivity

31 Applied to operational net zero carbon up to 2028 and considered for net zero 'in construction' from 2028 onwards in line with the UK GBC Framework (<https://www.ukgbc.org/ukgbc-work/net-zero-carbon-buildings-a-framework-definition/>) Minimum carbon reduction target expected to be in line with 2025 Future Homes Standard of 80%.

32 Or until such time that this level is superseded by changes to national building regulations

- c. Where practicable, prioritise connection to a renewable energy/heating/cooling network in the first instance or a low carbon energy/heating/cooling network that is adaptable to non-fossil fuels at a later date;
- d. Achieve energy demand reductions for residential development in terms of space heat demand; hot water energy demand and the delivery of on-site renewable energy generation.

For renewable energy generation priority should be given to PV installation where technically feasible, alternative technologies will be appropriate where the equivalent generation is evidenced.

- e. For non-residential developments, achieve at least BREEAM excellent standard (or equivalent) for the 'Ene 01 – reduction of energy use and carbon emissions' category rising to 'BREEAM outstanding' equivalent for ENE 01 from 2028.
- f. Include a detailed energy statement to demonstrate via site relevant evidence how the development has sought to maximize reductions in carbon emissions in line with relevant policy targets, including the minimisation of overheating risks and appropriate measures for post occupancy evaluation. Whole life cycle emissions should be considered where possible.

District Local Plans may set out specific carbon emission reduction targets, particularly if carbon neutral targets have been set sooner than 2038, or promote other measures through which energy efficiency of buildings and renewable energy generation can be achieved.

Heat and Energy Networks

- 5.20** Around two-thirds of Greater Manchester's carbon emissions come from domestic and commercial buildings. Government analysis⁽³³⁾ identifies heat/energy networks as a cost-effective solution to this issue within areas of high heat density, with modelling suggesting that heat networks could be an important part of the least-cost mix of technologies needed to achieve UK-wide decarbonisation targets by 2050.
- 5.21** Within Greater Manchester analysis shows that heat and energy networks have the potential to achieve significant emissions reductions and have significant potential for promoting regional growth in the Low Carbon sector.⁽³⁴⁾ The shift to a low carbon economy creates the emergence of new sectors and technologies, which in turn requires new occupations, skills and expertise to be developed in the labour market and the GMSF seeks to ensure that its residents will be ready for these new opportunities.

33 See <https://www.gov.uk/government/publications/the-future-of-heating-a-strategic-framework-for-low-carbon-heat> and <https://www.gov.uk/government/publications/the-future-of-heating-meeting-the-challenge>

34 See <http://enworks.com/resources/ESTA%20Wedges%20Approach%20in%20Greater%20Manchester%20Final.pdf>

- 5.22** Further analysis⁽³⁵⁾ has identified heat networks as among the technologies/systems offering the highest technical potential to contribute to carbon emissions reductions. The dense urban nature of some parts of Greater Manchester and the scale of development proposed in the GMSF allocations means that there are opportunities for significant growth of heat networks aligned with, and building out from, strategic development sites. Analysis by Government⁽³⁶⁾ suggests a threshold of around 26 kWh/m²/year above which heat networks are likely to be viable (noting that this figure is one of several factors that may affect viability, and is commonly used to inform early stage analysis only). National Heat Map data⁽³⁷⁾ suggests much of Greater Manchester's urban areas are above this viability threshold.
- 5.23** The UK Clean Growth Strategy (CGS)⁽³⁸⁾ sets out possible pathways to decarbonise the UK's economy by 2050 if the requirement of at least an 80% reduction in greenhouse gas emissions⁽³⁹⁾ is to be achieved.

Policy GM-S 3

Heat and Energy Networks

The provision of decentralised energy infrastructure is critical to the delivery of Greater Manchester's objectives for low carbon growth, carbon reductions and an increase in local energy generation. The following measures will help to achieve this:

1. Delivery of renewable and low carbon energy schemes will be supported with particular emphasis on the use of decentralised energy networks in areas identified as "Heat and Energy Network Opportunity Areas". These will be identified where:
 - a. Existing heat/energy networks are operational or have been commissioned;
 - b. Proposals for new heat networks/energy networks are being progressed, or future opportunities have been identified in city-region master planning;
 - c. Sufficient density of existing heat demand occurs⁽⁴⁰⁾; and
 - d. Significant future development is proposed at the strategic development locations.
2. Within the identified "Heat and Energy Network Opportunity Areas", there will be:
 - a. A requirement that new residential developments that are '10 dwellings or more' or other developments over 1,000 m² floorspace should evaluate the viability of:

35 See <https://es.catapult.org.uk/publications/greater-manchester-spatial-energy-plan-full-report/>

36 See <http://webarchive.nationalarchives.gov.uk/20111011151922/http://www.decc.gov.uk/assets/decc/what%20we%20do/uk%20energy%20supply/energy%20mix/distributed%20energy%20heat/1467-potential-costs-district-heating-network.pdf>

37 See <https://www.cse.org.uk/projects/view/1183>

38 See <https://www.gov.uk/government/publications/clean-growth-strategy>

39 Set out in the Climate Change Act (2008) - see <https://www.legislation.gov.uk/ukpga/2008/27/contents>

40 <https://www.cse.org.uk/projects/view/1183>

- i. Connecting to an existing or planned heat/energy network (where such a network has been identified within the Heat Network Opportunity Areas); and/or
 - ii. Installing a site-wide or communal heat/energy network solution.
 - b. A requirement, where unviable to connect to an existing network or install a site-wide or communal heat/energy network, for new development to incorporate appropriate capability to enable future connection (e.g. adequate space in plant-room for plate heat exchangers, capped-off flow/return connections);
 - c. A 'presumption in favour'⁽⁴¹⁾ of network connection' where new residential developments over 10 dwellings and other developments over 1,000 sq m floorspace are within 500m of an existing heat network, or where a network is being delivered;
 - d. An expectation that new industrial development will demonstrate that opportunities for using waste heat locally have been fully examined, and included in proposals unless proven to not be viable;
 - e. An expectation that where publicly-owned buildings and assets adjoin new major development sites, opportunities for these buildings and assets to connect to site-wide proposals will be considered; and
 - f. An expectation that any site-wide networks will be designed so as to enable future expansion to adjoining buildings or assets as appropriate.
3. In support of the above, all decentralised heat/energy network viability assessments are required to demonstrate consideration and analysis of:
- a. Identification of existing and proposed heat/energy loads;
 - b. Identification of heat/energy supply sources;
 - c. Identification of opportunities to utilise renewable and low carbon energy sources;
 - d. Identification of opportunities to utilise waste and secondary heat sources;
 - e. Impact of proposals and technology choices on local air quality;
 - f. Design according to national best practice in relation to efficient heat network design (e.g. CIBSE CP1 Heat Networks: Code of Practice for the UK⁽⁴²⁾, or equivalent); and
 - g. Adopting appropriate consumer protection standards (e.g. HeatTrust⁽⁴³⁾, or equivalent).

41 Department for Communities and Local Government, *National Planning Policy Framework*, DCLG (2012), Paragraph 11

42 <http://www.cibse.org/Knowledge/CIBSE-other-publications/CP1-Heat-Networks-Code-of-Practice-or-the-UK>

43 <http://www.heattrust.org/index.php>

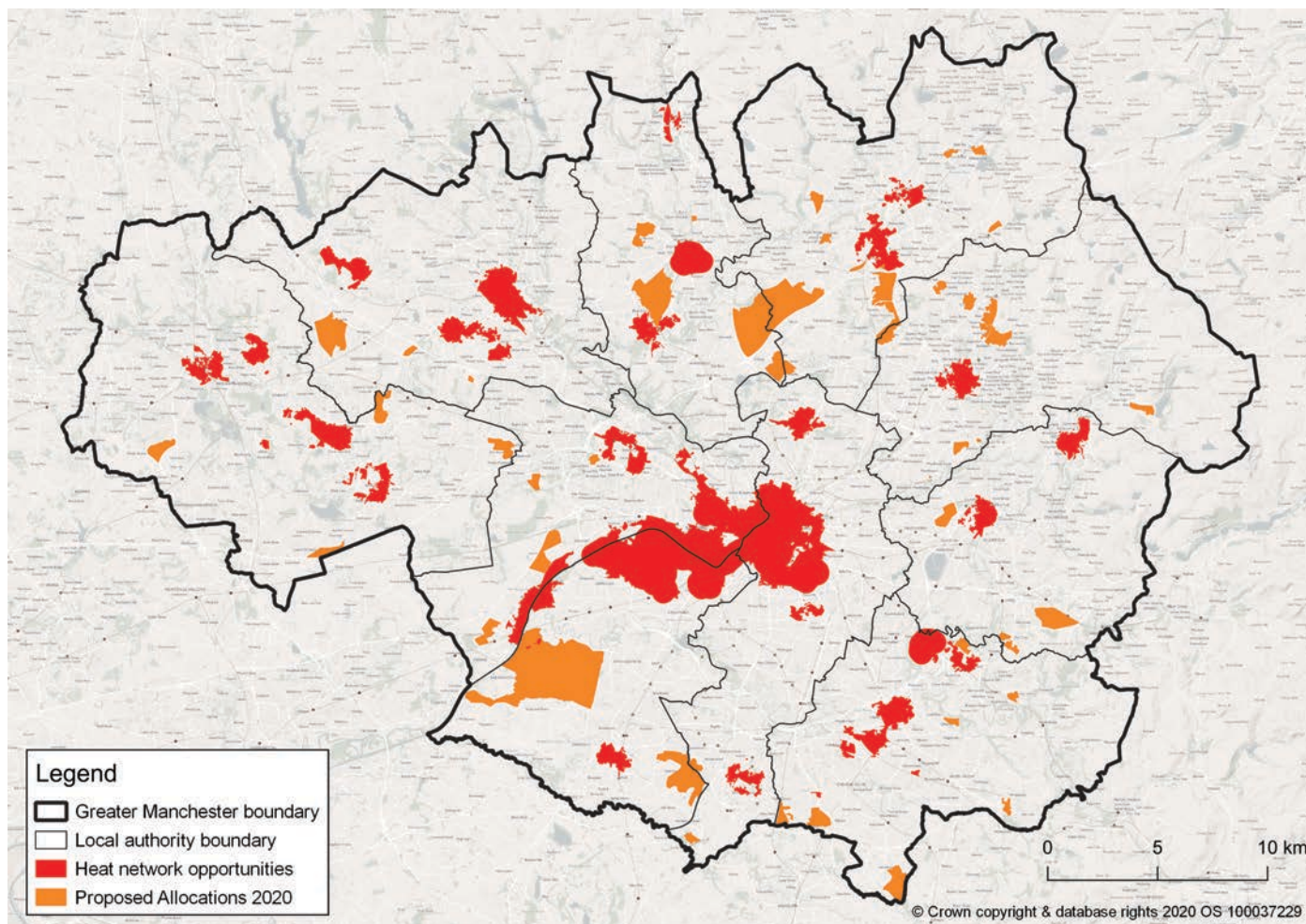


Figure 5.1 Heat and energy network opportunities

Resilience

- 5.24** Greater Manchester aims to be one of the most resilient places in the world.
- 5.25** A key part of achieving sustainable development is ensuring resilience, making sure that Greater Manchester maintains its capacity to function, so that the people living and working here survive and thrive no matter what stresses or shocks they encounter. A significant challenge within this is the ability to respond to future impacts from climate change.
- 5.26** Greater Manchester is part of the Rockefeller Foundation's 100 Resilient Cities programme (100RC)⁽⁴⁴⁾, which aims to help cities become more resilient to potential challenges. Greater Manchester is committed to developing a resilience strategy as part of this programme. The ten districts have also signed up to the United Nations' Making Cities Resilient Campaign, which aims to reduce disaster risk.

44 See www.100resilientcities.org/

- 5.27** The need to plan to reduce chronic stresses as well as minimise the impact of acute shocks means that planning for resilience has to be all-embracing, and so many elements of this plan have a role to play.
- 5.28** The Greater Manchester Community Risk Register⁽⁴⁵⁾ and work under the 100RC programme identify that river and surface water flooding, hazardous materials accidents, terrorism, and disease outbreaks are some of the most significant resilience challenges faced. The way in which Greater Manchester develops will have a significant impact on future levels of risk and vulnerability, and the ability of people and places to recover from acute shocks.

Policy GM-S 4

Resilience

The development of Greater Manchester will be managed so as to increase considerably the capacity of its citizens, communities, businesses and infrastructure to survive, adapt and grow in the face of physical, social, economic and environmental challenges, including climate change. Key measures will include:

1. Ensuring that developments make appropriate provision for response and evacuation in the case of an emergency or disaster;
2. Supporting the retrofitting of existing buildings, infrastructure and places to enhance their resilience;
3. Locating critical infrastructure and vulnerable uses away from locations at a high risk of acute shocks;
4. Providing adaptable buildings and places that can easily respond to changing needs, future climate impacts and new technologies;
5. Designing out opportunities for crime, anti-social behaviour and terrorism;
6. Designing indoor and outdoor environments to provide a reduction and respite from more extreme temperatures and winds associated with climate change and greater urbanisation;
7. Increasing the size, spread, quality and interconnectedness of the green infrastructure network, enabling the city region, its citizens and wildlife to adapt to changing conditions;
8. Taking an integrated catchment-based approach to managing flood risk;
9. Maintaining a very high level of economic diversity across Greater Manchester;
10. Delivering at least 50,000 additional affordable homes up to 2037;

45 See www.gmemergencyplanning.org.uk/gmprepared/info/2/greater_manchester_community_risk_register

11. Promoting significant enhancements in education, skills and knowledge;
12. Supporting healthier lifestyles and minimising potential negative impacts on health including air pollution; and
13. Carefully controlling the location of hazardous installations and new development that could be adversely affected by them.

Flood Risk and the Water Environment

- 5.29** Water is a precious resource that is essential for life. As well as meeting human needs for drinking, washing and cooking, it is also vital for the health of the natural environment, supports agriculture and fisheries, provides a resource for many businesses, and offers opportunities for transport and recreation. However, there are many pressures on the water environment that adversely impact on its ability to fulfil these functions.
- 5.30** Greater Manchester is located within a complex hydrological network that extends into surrounding districts and beyond. This means that individual areas cannot be viewed in isolation, as rainfall and activities in one place can have significant impacts on the water environment in other locations. The Irwell and Mersey catchments dominate Greater Manchester, covering around 78% of its total area, with the River Douglas and Glaze Brook being the other fluvial catchments. All catchments except the River Douglas drain into the Manchester Ship canal, which therefore has a very important drainage and flood management function.
- 5.31** Over 50,000 properties in Greater Manchester have a 1% chance of flooding from main rivers in any year. 30% of these properties are located in Salford, 20% in Manchester and 15% in Wigan, with the remainder distributed fairly evenly across the other districts. These high risk areas include some of the most deprived communities as well as some of the most economically important locations and can be subject to a combination of risk sources (e.g. rivers and surface water) which can impact separately and together.
- 5.32** To varying extents the majority of the urban area of Greater Manchester could be at risk from surface water flooding.⁽⁴⁶⁾ There are also areas in which groundwater flooding can pose risks and where extensive canal and reservoir infrastructure generates flood risks, associated with potential overtopping and embankment breaches.
- 5.33** Climate change is expected to significantly increase peak river flows and surface water run-off as a result of more intense rain events, potentially placing many more properties at risk in the future unless flood defences, drainage and run-off management are improved. A

46 <https://flood-warning-information.service.gov.uk/long-term-flood-risk/map>

coordinated catchment-wide approach to all types of flood risk will be required to address these challenges and minimise potential harm to people and property, including actions upstream of Greater Manchester.

- 5.34** The location of new development in Greater Manchester has been informed by the application of Sequential Test and Exception Test, as required by national planning policy. The aim of the tests are to steer new development towards areas with the lowest risk of flooding first before considering higher risk locations. If it is not possible for development to be located in zones with a lower risk of flooding, new development must provide wider benefits to the community and can be made safe from flooding for its lifetime.
- 5.35** The North West River Basin Management Plan provides a framework for protecting and enhancing the benefits provided by the water environment across Greater Manchester and beyond. It sets out legally binding objectives for the quality of water bodies, with the default being that they should be classified as ‘good’ overall based on their ecological status or potential and their chemical status. Very few water bodies in Greater Management currently reach the required standard.⁽⁴⁷⁾
- 5.36** Addressing this will require a wide range of measures, including naturalisation of watercourses, reductions in storm overflow sewage discharges, better land management, and improved management of surface water. Some of these actions will also assist in managing flood risk. For example, the use of natural flood management measures that work with natural processes can provide multiple benefits for people and wildlife, helping to restore habitats, improve water quality and reduce soil erosion, as well as lowering peak flows and flash flooding. Sustainable Drainage System (SuDS) schemes can provide appropriate solutions to addressing both flood risk and water quality issues and are mandatory for major development unless clear evidence indicates that they would be inappropriate.
- 5.37** In addition to the general need to improve water quality, the Environment Agency has defined source protection zones for groundwater sources such as wells, boreholes and springs used for public drinking water supply.⁽⁴⁸⁾ The control of potentially contaminating activities is particularly important in these locations.
- 5.38** Climate change and population and economic growth can put increasing pressure on the available potable water supply for homes and businesses. It is important that water is conserved and efficiently used as much as possible to help build resilience to periods of drought; avoid over abstraction; reduce carbon emissions from water treatment and disposal; and protect river and wetland habitats from degradation.

47 See www.gov.uk/government/publications/north-west-river-basin-district-river-basin-management-plan

48 See https://mappinggm.org.uk/gmodin/?lyrs=ea_source_protection_zones#open_street_map/11/53.5069/-2.3201

Policy GM-S 5

Flood Risk and the Water Environment

An integrated catchment based approach will be taken to protect the quantity and quality of water bodies and managing flood risk, by:

1. Returning rivers to a more natural state, where practicable, in line with the North West River Basin Management Plan;
2. Working with natural processes and adopting a natural flood management approach to slow the speed of water drainage and intercept water pollutants;
3. Locating and designing development so as to minimise the impacts of current and future flood risk, including retrofitting or relocating existing developments, infrastructure and places to increase resilience to flooding;
4. Expecting developments to manage surface water runoff through sustainable drainage systems and as close to source as possible (unless demonstrably inappropriate) so as to not exceed greenfield run-off rates or alternative rates specified in district local plans, such as those identified for areas with critical drainage issues.
5. Ensuring that sustainable drainage systems:
 - i. Are designed to provide multifunctional benefits wherever possible, including for water quality, nature conservation and recreation;
 - ii. Avoid adverse impacts on water quality and any possibility of discharging hazardous substances to ground;
 - iii. Are delivered in a holistic and integrated manner, including on larger sites split into different phases; and
 - iv. Are managed and maintained appropriately to ensure their proper functioning over the lifetime of the development.
6. Securing the remediation of contaminated land and the careful design of developments to minimise the potential for urban diffuse pollution to affect the water environment;
7. Securing further investment in wastewater treatment to reduce the frequency of intermittent discharges of storm sewage; and
8. Conserving water and maximising water efficiency in new development.

Clean Air

- 5.39** Air pollution has a significant effect on public health, and poor air quality is the largest environment risk to human health in the UK. Epidemiological studies have shown that long-term exposure to air pollution (over years or lifetimes) reduces life expectancy, mainly due to cardiovascular and respiratory diseases and lung cancer. Short-term exposure (over hours or days) to elevated levels of air pollution can also cause a range of health impacts, including effects on lung function, exacerbation of asthma, increases in respiratory and

cardiovascular hospital admissions and mortality.⁽⁴⁹⁾ The youngest, older people and those with existing health conditions are most likely to be affected by exposure to air pollution. The exacerbation of respiratory conditions is particularly relevant in consideration of the COVID-19 pandemic.

- 5.40** Without action, it has been estimated that the health and social care costs of air pollution in England could reach £5.3 billion by 2035, primarily due to fine particulates⁽⁵⁰⁾ (PM_{2.5}).⁽⁵¹⁾ In Greater Manchester alone, exposure to fine particulates at current levels is estimated to contribute to around 1,200 deaths per annum.⁽⁵²⁾ In addition to the direct human impacts, air pollution also harms the natural environment, adversely impacting on biodiversity, crop yields and the quality of water bodies. As cities compete to attract skilled workers, clean air may become an increasingly important differentiating factor.
- 5.41** Air pollution can also have significant impact on ecology. Therefore there are not only benefits to the population of improving air quality but there will also be positive ecological effects of this action.
- 5.42** A range of different types of pollutant negatively impact on air quality, including nitrogen oxides (NO_x), large and fine particulate matter (PM₁₀ and PM_{2.5}), sulphur dioxide (SO₂), volatile organic compounds (NMVOCs) and ammonia (NH₃). Figure 5.2 'Change in emissions of air pollutants since 1970 (since 1980 for ammonia)' shows how emissions of most of these air pollutants have declined considerably at the national level over the last few decades.

49 Public Health England (2018). Health Matters: Air Pollution. Available: <https://www.gov.uk/government/publications/health-matters-air-pollution/health-matters-air-pollution>

50 particles small enough to be inhaled into the deepest parts of the lung

51 www.gov.uk/government/news/new-tool-calculates-nhs-and-social-care-costs-of-air-pollution

52 Derived from Public Health Outcome Framework indicator 3.01 (2016 data) (on Fingertips) (2018), <https://fingertips.phe.org.uk/profile/public-health-outcomes-framework>

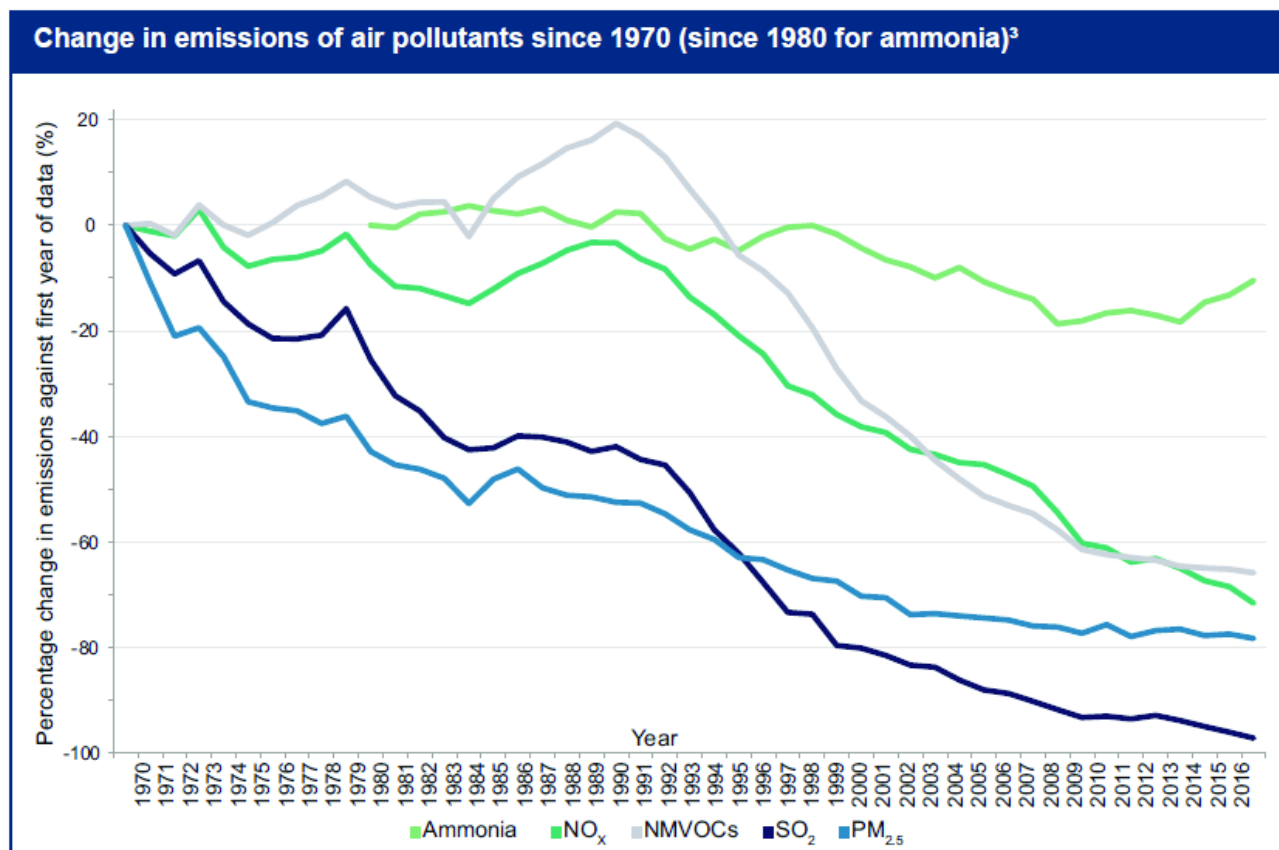


Figure 5.2 Change in emissions of air pollutants since 1970 (since 1980 for ammonia)

- 5.43** Nevertheless, air quality targets are not consistently being met in some locations. Parts of Greater Manchester have been designated as an Air Quality Management Area (AQMA), based on modelled levels of nitrogen dioxide (NO₂). The largest concentration of poor air quality is around the City Centre, which is also a nationally important economic centre and the proposed location for a considerable proportion of Greater Manchester's new housing and office floorspace.
- 5.44** Greater Manchester has also signed up to achieve WHO 'BreatheLife City' status by 2030, which means achieving WHO targets for PM (**PM_{2.5}** must not exceed 10 µg/m³ annual mean) and other air pollutants by this date. Regardless of targets, there is **no** clear evidence of a **safe level** of exposure below which there is **no** risk of adverse health effects. As such, policy ambitions should always be to reduce air pollution to as low as possible as further reduction of PM or NO₂ concentrations below [air quality targets/standards](#) are likely to bring additional health benefits.

- 5.45** Within Greater Manchester, transport is the major source of air pollution, with roads accounting for 65% of nitrogen oxides (NO_x) , 79% of larger particulates (PM₁₀) and 31% of carbon dioxide emissions across the city region.⁽⁵³⁾ Processes involving combustion, such as power stations, biomass, incineration and domestic fires and wood-burning stoves, also contribute to air pollution, as do some industrial activities and agriculture practices.
- 5.46** The AQMA and associated Greater Manchester Air Quality Action Plan (AQAP) 2016-2021 (approved by the GMCA in 2016) set out measures to help reduce air pollution caused by NO_x while supporting the sustainable economic growth of the region. Since the AQAP was introduced Government has directed GM authorities to take urgent action to address a specific air pollution problem: roadside concentrations of NO₂ that exceed legal Limit Values.
- 5.47** Government estimates road transport contributes approximately 80% of NO_x concentrations at roadside, with diesel vehicles the largest source in these local areas of greatest concern.⁽⁵⁴⁾ Government has directed Greater Manchester authorities to produce a **Clean Air Plan** to tackle roadside nitrogen dioxide (NO₂) concentrations and bring them within Limit Values in the shortest possible time.
- 5.48** As part of developing these plans, local authorities are required to validate local air quality modelling for nitrogen dioxide. A report to GMCA on 26 October 2018 set out the scale and extent of predicted NO₂ concentrations across Greater Manchester if no further action is taken. This modelling has predicted NO₂ exceedances at roadside in all ten GM authorities. As part of a coordinated GM approach to tackling NO₂, a wide range of measures have been assessed to reduce NO₂ concentrations.
- 5.49** Government guidance specifies that local authorities must consider Clean Air Zones as their benchmark measure in the feasibility study process as well as any alternative measures that are at least as effective at reducing NO_x and deliver compliance as quickly.⁽⁵⁵⁾ In charging Clean Air Zones vehicle owner are required to pay a charge to enter, or move within, a zone if they are driving a vehicle that does not meet the particular standard for their vehicle type. The Greater Manchester authorities have joined together to develop a series of business cases for its Clean Air Plan⁽⁵⁶⁾ as part of the Greater Manchester Clean Air Plan.
- 5.50** It is clear that a wide range of actions will be required to improve air quality to appropriate levels, and support objectives relating to climate change, Greater Manchester's 2038 carbon neutrality target, population health and quality places. Many of these actions are beyond the scope of this plan, but the primary focus will need to be on transport given its primary contribution to air pollution. Hence, regard should also be had to transport-related policies elsewhere in this plan and in the Greater Manchester Transport Strategy 2040 refresh and Our Five Year Transport Delivery Plan. The most significant role which the GMSF will play in this respect is to locate development in the most sustainable locations which reduce the need for car travel, for example by maximising residential densities around transport hubs.

53 GMCA and TfGM (December 2016) Greater Manchester Low-Emission Strategy, p.9.

54 (Defra and DfT (2017) 'UK Plan for tackling roadside nitrogen dioxide concentrations. Detailed Plan, July 2017', London: Defra, pp: 5)

55 Defra and DfT (2017) 'UK Plan for tackling roadside nitrogen dioxide concentrations. Detailed Plan, July 2017', London: Defra: pp. 31-32 work at least as quickly and effectively Defra (2017)

56 <https://cleanairgm.com/>

- 5.51** Ideally, a higher proportion of general employment sites would be capable of being served by rail and/or water, but only a few such sites are available and hence within Greater Manchester there will need to be a stronger emphasis on the use of low-emission goods vehicles. Short-term high-pollution episodes can affect health as well as long-term exposure to lower levels⁽⁵⁷⁾, so it will be important to tackle both peaks and average levels of air pollution under relevant actions.
- 5.52** The cumulative impacts of the proposed scale and distribution of development in this plan on nationally and internationally designated nature conservation sites have been considered through a separate Habitats Regulations Assessment.

Policy GM-S 6

Clean Air

A comprehensive range of measures will be taken to support improvements in air quality, focusing particularly on locations where people live, where children learn and play, where there are impacts on the green infrastructure network and where air quality targets are not being met, including:

1. Locating and designing development, and focusing transport investment, so as to reduce reliance on forms of transport that generate air pollution;
2. Determining planning applications in accordance with the most recent development and planning control guidance published jointly by the Institute of Air Quality Management (IAQM) and Environmental Protection UK (EPUK), and the most recent IAQM Guidance on the Assessment of Dust from Demolition and Construction, or relevant successor guidance, including the requirement for developers to submit construction management plans as appropriate;
3. Requiring applications for developments that could have an adverse impact on air quality to submit relevant air pollution data and, if approved, to make appropriate provision for future monitoring of air pollution;
4. Restricting and carefully regulating developments that would generate significant point source pollution such as some types of industrial activity and energy generation;
5. Significantly expanding the network of electric vehicle charging points, both for public and private use, including as part of new developments;
6. Implementing the charging Clean Air Zone as directed by Government and associated measures;
7. Facilitating the more sustainable distribution of goods within the urban area, including through accommodating urban consolidation centres and urban distribution centres that use ultra-low-emission vehicles, and local delivery facilities to reduce repeat delivery attempts;
8. Designing streets to avoid trapping air pollution at ground level, including through the appropriate location and scale of buildings and trees;

57 Defra (2018) Clean Air Strategy 2018, p.4. See <https://consult.defra.gov.uk/environmental-quality/clean-air-strategy-consultation/>

9. Controlling traffic and parking within and around schools and early years sites;
10. Promoting actions that help remove pollutants from the air, such as enhancing the green infrastructure network and using innovative building materials that capture air pollutants; and
11. Development should be located in areas that maximise the use of sustainable travel modes and be designed to minimise exposure to high levels of air pollution, particularly for vulnerable users.

Resource Efficiency

Minerals

- 5.53** The Greater Manchester Joint Minerals Plan was adopted in April 2013⁽⁵⁸⁾ and includes a set of policies which assist in the consideration of minerals planning applications, safeguards minerals resources which are likely to be required in the future and identifies areas within which new or expanded minerals extraction is likely to be suitable. Annual monitoring of minerals extraction and changes in likely future needs will inform whether and when an update of the joint minerals plan is required, including as a result of the growth in development set out in this plan.

Waste

- 5.54** The Government's new strategy on waste and resources in England⁽⁵⁹⁾ focuses on the creation of a circular economy in which waste is treated as a resource to be kept in use for as long as possible, extracting maximum value from it before being recovered and regenerated to form new products and materials. The aim of a circular economy is not only to reduce waste but to create a society in which waste is seen as a resource to be used again and again in order to reduce the environmental impacts of production and consumption.
- 5.55** As part of its ambition to be one of the leading green city regions in Europe, Greater Manchester will produce a Resource Strategy. The objectives of the strategy will be cross cutting covering a number of key policy areas including planning. It will set out how we will move towards a circular and zero-waste economy in which we no longer see waste as something to dispose of but as a resource to be used in a different way. The move towards a circular economy will significantly reduce the amount of waste produced in Greater Manchester which in turn will enable delivery of higher recycling across all waste sectors, put more resources back into the economy and reduce our carbon footprint. Utilising sustainable design and construction techniques at all stages of a development's life cycle can help deliver this ambition.
- 5.56** A resource efficient society is key to people and businesses recognising that how we behave and how we live has a direct impact on the environment around us. The “Plastic-Free Greater Manchester” campaign is a bid to eliminate single use plastics across the region and to move

⁵⁸ See www.gmmaterialsplan.co.uk/docs.html#ADOPTED_MINERALS_PLAN

⁵⁹ See <https://www.gov.uk/government/publications/resources-and-waste-strategy-for-england>

towards renewable alternatives. So far 558 leading businesses and organisations in Greater Manchester have signed up to the campaign to be plastic free. This is the first key step in moving towards a resource efficient region and will be the spearhead for future initiatives including tackling food waste.

- 5.57** The Greater Manchester Joint Waste Development Plan was adopted in April 2012.⁽⁶⁰⁾ This includes a set of policies which assist in the consideration of waste planning applications and identifies suitable locations for potential new waste management facilities. Annual monitoring of waste facility capacity and changes in likely future needs will inform whether and when an update of the joint waste plan is required, including as a result of the growth in development set out in this plan.

Policy GM-S 7

Resource Efficiency

The achievement of a circular economy and a zero-waste economy will play a key role in meeting Greater Manchester's ambition of becoming a leading green city region by 2038. The following measures will help achieve this:

1. Development and implementation of the Resource Strategy for Greater Manchester which promotes overall reduction in the level of waste produced and supports resource efficiency in order to gain the maximum value from the things we produce;
2. Ensuring the design of all new development incorporates storage space to facilitate efficient recycling and where appropriate, processing of waste on site;
3. Recognition of the role of existing infrastructure in managing the Greater Manchester's waste and protecting such facilities to ensure adequate waste management capacity is maintained; and
4. Using sustainable design and construction techniques to reduce carbon emissions, adapt and future proof to the impact of climate change, reduce and recycle waste and minimise water use.

60 See www.gmwastedpd.co.uk/doclib.html#Adopted_Waste_Plan_Documents

A Prosperous Greater Manchester



Supporting Long-Term Economic Growth

- 6.1** Economic growth is central to the overall strategy for Greater Manchester. It will be essential to raising incomes, improving health and quality of life, and providing the finances to deliver better infrastructure, services and facilities.
- 6.2** Greater Manchester has developed a Local Industrial Strategy ⁽⁶¹⁾ which will set out how the city region will build on its unique strengths and opportunities and capitalise on the creativity of its people to create a digital-enabled, green city region.
- 6.3** The Local Industrial Strategy has two key objectives:
- **Supporting our globally competitive strengths.** Building on our globally competitive research strengths and industrial opportunities in health innovation and advanced materials ⁽⁶²⁾ and capitalising on the creativity and collaborative culture of our people, our digital and technology asset base and our emerging capabilities in green industries - will be essential if the city region is to continue to attract investment and create new businesses and jobs for the future. Through this we will be pioneering emerging sectors, creating significant global competence and additional value for our local economy as these new sectors grow and flourish.
 - **Strengthening the foundations of our economy.** Despite having concentrations of globally competitive, highly productive businesses, Greater Manchester's overall productivity is around 10% lower than the national average. ⁽⁶³⁾ Tackling this is important because it holds back people's earning potential and makes our economy more vulnerable to economic shocks. Strengthening our people, infrastructure, business environment, innovation ecosystems and places will be important to enable all sectors and all places in Greater Manchester to be productive and prosperous. We need to grasp global opportunities emerging from changes to world markets and develop industries of the future, while also ensuring competitiveness and job quality in our high employment, low productivity sectors.
- 6.4** Two of Greater Manchester's key economic strengths are its size and diversity. Greater Manchester accounts for one-fifth of the population ⁽⁶⁴⁾, jobs ⁽⁶⁵⁾ and economic output in the North of England, and its economy is bigger than that of Wales and Northern Ireland. It is one of the most diverse economic areas in the UK ⁽⁶⁶⁾ and is second only to London for attracting Foreign Direct Investment. ⁽⁶⁷⁾ This helps to provide a broad range of opportunities for businesses and varied jobs for residents. It also means that it is well-placed to take advantage of new economic possibilities and should be more resilient to change. The inter-dependencies between our economic sectors mean that growth in one can support job creation in others.

61 Greater Manchester Local Industrial Strategy June 2019 <https://www.greatermanchester-ca.gov.uk/media/2132/gm-local-industrial-strategy-web.pdf>

62 Greater Manchester and Cheshire East Science and Innovation Audit, November 2016

63 GMCA: Deep Dives Phase 2: Productivity in Greater Manchester, February 2017

64 ONS: Population Estimates 2017, accessed via nomis November 2018

65 ONS: Business Register and Employment Survey, accessed via nomis November 2018

66 ONS Krugman Index see www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/adhocs/006229industrialspecialisationinmajortownsandcitieskrugmanindexdataandtool

67 https://www.ey.com/en_gl/attractiveness

- 6.5** Greater Manchester has a growing share of graduate level qualified residents, which, along with people skilled in technical occupations, skilled trades and service industries, forms part of a large and varied skills base.
- 6.6** Greater Manchester's transport network provides good connections to other major city regions, with further major improvements planned such as HS2 and Northern Powerhouse Rail, making it an attractive place to invest and providing close functional links to other areas.⁽⁶⁸⁾ Manchester Airport is the country's largest and best-connected airport outside London and the South East and the Manchester Ship Canal provides direct shipping connections to the post-panamax facilities at the Port of Liverpool. Piccadilly rail station is both a gateway and commercial centre but also has the potential to be the 'Hub of the North' serving the whole of the northern economy. Together, these assets enable Greater Manchester to act as an international gateway for the North and the UK, providing access to global markets and supply chains.
- 6.7** Despite these strengths, for two decades, Greater Manchester's productivity has consistently remained at 90% of the UK level and in recent years the balance of employment has shifted towards lower productivity sectors and activities, as has been the case for the UK as a whole. The share of low productivity sectors in GM – those with lower than £30,000 GVA per worker, at 2013 prices – increased from 37.7% in 2005 to 41.8% in 2015. Wages have fallen by 6.6% in real terms between 2006 and 2016: the average worker in Greater Manchester still earns 81p an hour less in real terms than in 2006. The gross median annual wage for full time workers living in Greater Manchester was £26,800 in 2018, compared to £29,570 in the UK as a whole; and the gap in wages between GM and the national average has widened over the decade. This reflects the uneven economic geography of the UK and the dominance of London and the South East.
- 6.8** There are also significant economic disparities within Greater Manchester, and baseline forecasts suggest that these could increase without intervention. For example, Manchester is forecast 74,600 additional jobs between 2018-38. The central and southern districts of Salford, Stockport and Trafford are forecast to add 60,000 jobs between 2018-38, and together with Manchester, they collectively have the highest concentration of key assets and major growth areas in the sub-region. In contrast, the rest of Greater Manchester is only forecast to collectively add 10,800 net jobs with some districts (Oldham and Tameside) seeing a small decrease in total employment. Full-time jobs in those central and southern areas on average pay significantly more than full-time roles in the other districts⁽⁶⁹⁾ which in turn also impacts commuting patterns and transport infrastructure congestion.
- 6.9** These problems have also been exacerbated by the adverse impacts of austerity and economic shocks, such as Brexit and Covid-19, on growth and reform. Furthermore, like in other places, employment and output growth since the recession have been characterised by low productivity growth and increasing share of jobs in lower value sectors with

68 See Greater Manchester's HS2 and Northern Powerhouse Rail Growth Strategy: "The Stops Are Just The Start" at <https://www.tfgm.com/press-release/hs2-npr-growth-strategy>

69 ONS: Annual Survey of Hours and Earnings 2018, accessed via nomis November 2018

comparatively low paid, less secure employment.⁽⁷⁰⁾ Greater Manchester is also not fully realising the possibilities of its key assets, for example the outstanding research base has much greater potential to support business activity and growth. Further improvements in transport connections and skills development are required to ensure that everyone can contribute to and share in the benefits of economic activity, helping to deliver genuinely inclusive growth.

- 6.10** The Northern Powerhouse Independent Economic Review⁽⁷¹⁾ identified that through improvements in skills, innovation, and connectivity the North has the potential to create by 2050 an additional £97 billion of GVA (a measure of total economic output and income) and 850,000 extra jobs under a transformational scenario, compared to the ‘business as usual’ scenario. Greater Manchester is well-placed to play a leading role in delivering this additional growth, given its central location within the North of England and concentration of key growth assets.
- 6.11** Greater Manchester has the opportunity to increase the future prosperity of local residents through making a full contribution to rebalancing the national economy, helping to deliver a more successful North of England and UK. Hence, this plan supports high levels of economic growth across Greater Manchester and seeks to put in place the measures that will enable such growth to continue in the even longer-term. Economic growth provides a good opportunity for local residents to gain increased access to new jobs and training, which will help to reduce unemployment rates and economic inequalities and boost skill levels and personal fulfilment. Local job growth is therefore supported through seeking agreement with employers and developers to enter into local labour and training agreements, where appropriate. The key challenge will be to ensure that such growth benefits everyone and all places across Greater Manchester, and happens in a sustainable way that respects the environment and local communities. Growth today must not come at the expense of the ability to deliver sustained prosperity and quality of life.
- 6.12** However, delivering these high levels of growth, in terms of jobs and GVA, will become increasingly challenging. Beyond the slowdown in productivity growth seen across the UK economy, and increasing international competition for trade and capital, Greater Manchester's economy also faces the challenges of accommodating rapid technological change, political risks and economic shocks – such as Brexit and Covid-19. The emergence of a global pandemic in March 2020 rightly resulted in the Greater Manchester authorities pausing the production of the GMSF 2020 to understand what, if any, actions should be taken in relation to the level of economic growth being proposed. Following an initial assessment of the potential impacts of Covid-19 on the economy, it became clear that there was insufficient evidence (either at a national or local level) to change the assumptions behind our growth targets.

70 GMCA - GM Labour Market and Skills Review 2017/18

71 SQW and CE (24 June 2016) The Northern Powerhouse Independent Economic Review: Final Executive Summary Report, p.16

- 6.13** Whilst it is recognised that the country is in a state of flux, it is very clear that to delay the production of the plan further could have a negative effect on the proper planning of the conurbation and therefore its recovery. Instead it is considered appropriate to proceed, but to use the process of plan review to monitor the situation and if necessary to undertake a formal review outside of statutory review timetable.
- 6.14** Greater Manchester will need to continue to invest in the sites and critical infrastructure that will make it an even more attractive place for businesses to invest, bringing high-value, well paid jobs, to the city region, and supporting the continued progress towards a low-carbon economy.
- 6.15** The GMSF promotes prosperity for all residents and places in a sustainable way in a wide variety of ways, some of which are set out in this chapter but many of which will be delivered through other parts of the plan. Such measures include:
- Delivering sustainable places that can meet the needs of all sections of communities, both now and in the future
 - Achieving the high quality, inclusive design of places and developments
 - Providing excellent transport networks that help all people to access employment opportunities across Greater Manchester, particularly by walking, cycling and public transport
 - Encouraging the efficient reuse of previously-developed land and buildings as part of the coordinated regeneration of urban areas, particularly those with high levels of deprivation
 - An expectation that all development will be net zero carbon by 2028
 - Significantly increasing the supply of new housing that helps to meet the wide variety of needs across Greater Manchester at a price people can afford
 - Enhancing the supply of employment opportunities at a variety of skill levels throughout Greater Manchester to achieve more inclusive growth
 - Supporting improvements in education and research facilities
 - Enabling all residents to lead healthier lives in safer places with good access to facilities that support health and well being including good quality open space and green infrastructure
 - Seeking a net enhancement to biodiversity across Greater Manchester

Policy GM-P 1

Supporting Long-Term Economic Growth

A thriving, inclusive and productive economy will be sought in all parts of Greater Manchester. There will be an emphasis on:

- A. Maintaining a very high level of economic diversity across Greater Manchester
- B. Facilitating the development of high value clusters in prime sectors such as:

- i. Advanced manufacturing;
- ii. Digital and cyber;
- iii. Health innovation, including life sciences;
- iv. Low carbon goods and services;
- v. Business, financial and professional services;
- vi. Logistics.

C. Making the most of major assets of the sub-region, such as:

- i. The high concentration and range of research assets
- ii. The large pool of graduates
- iii. Highly productive businesses in every sector of our economy
- iv. Existing transport infrastructure such as Manchester Airport, Manchester Ship Canal, public transport networks and the motorway network
- v. Major proposed transport improvements such as HS2 and Northern Powerhouse Rail

D. Grasping the economic opportunities from the global transition to a low carbon economy

E. Providing the high-quality, sustainable living environments that will help to attract and retain skilled workers

F. Supporting local job growth, by seeking agreement with employers and developers, including housebuilders, to enter into local labour and training agreements through planning obligations and other mechanisms where appropriate.

G. Maximising the potential of the key growth locations whilst also securing investment that raises the competitiveness of the northern parts of Greater Manchester to deliver inclusive growth across the sub-region by ensuring that employment growth opportunities are well connected and accessible to all residents. Key locations that will help to maximise economic growth in an inclusive way include:

- i. The expanding City Centre, which will be further strengthened as the most significant economic location in the UK outside London, providing a high concentration of jobs that are highly accessible from across Greater Manchester and beyond. The city centre

includes the Oxford Road corridor which will continue to develop as a world-class innovation hub with a very high concentration of research activity and enhanced business connections

- ii. The Quays, delivering sustained growth as a major business location including an internationally important digital and creative cluster
- iii. The wider area of economic activity at the heart of Greater Manchester, stretching from the Etihad Campus in the east, through the City Centre and The Quays, to Trafford Park and the Trafford Centre, providing an enormous and extremely diverse range of businesses and jobs (currently accounting for around one-quarter of employment in Greater Manchester, with this proportion expected to grow), and with key clusters of growth sectors
- iv. Manchester Airport Enterprise Zone, with the expansion of the airport as the UK's primary international gateway outside London and the South East providing easy business connectivity across the world, and increased employment activity around the airport, Wythenshawe Hospital/Medipark, and the proposed HS2 station
- v. The eight main town centres (Altrincham, Ashton-under-Lyne, Bolton, Bury, Oldham, Rochdale, Stockport and Wigan), providing a stronger focus for local economic activity, and exploiting important advantages such as the direct mainline rail links to London from Stockport and Wigan, HS2 and the university in Bolton
- vi. In particular, Stockport Town Centre (including the Town Centre West MDC) offers increased employment activity opportunities, taking advantage of existing strategic road network connections, direct mainline rail links to London and proposed HS2 and Northern Powerhouse Rail services
- vii. Port Salford, providing sustainable freight connections by water and rail and acting as an international gateway via facilities at the Port of Liverpool that are capable of accommodating ships larger than those which can be accommodated by the Panama Canal - "Post-Panamax"
- viii. Northern Gateway, with a massive expansion of the existing employment areas forming a major facility similar in size to Trafford Park, helping to deliver a better distribution of growth across Greater Manchester and boosting the economy of the northern part of the city-region
- ix. M6 logistics hub in Wigan, extending into Warrington, St Helens and West Lancashire, providing a major cluster of warehousing and distribution activity along the M6 corridor with easy access to the Port of Liverpool via the M58

STRATEGIC LOCATIONS

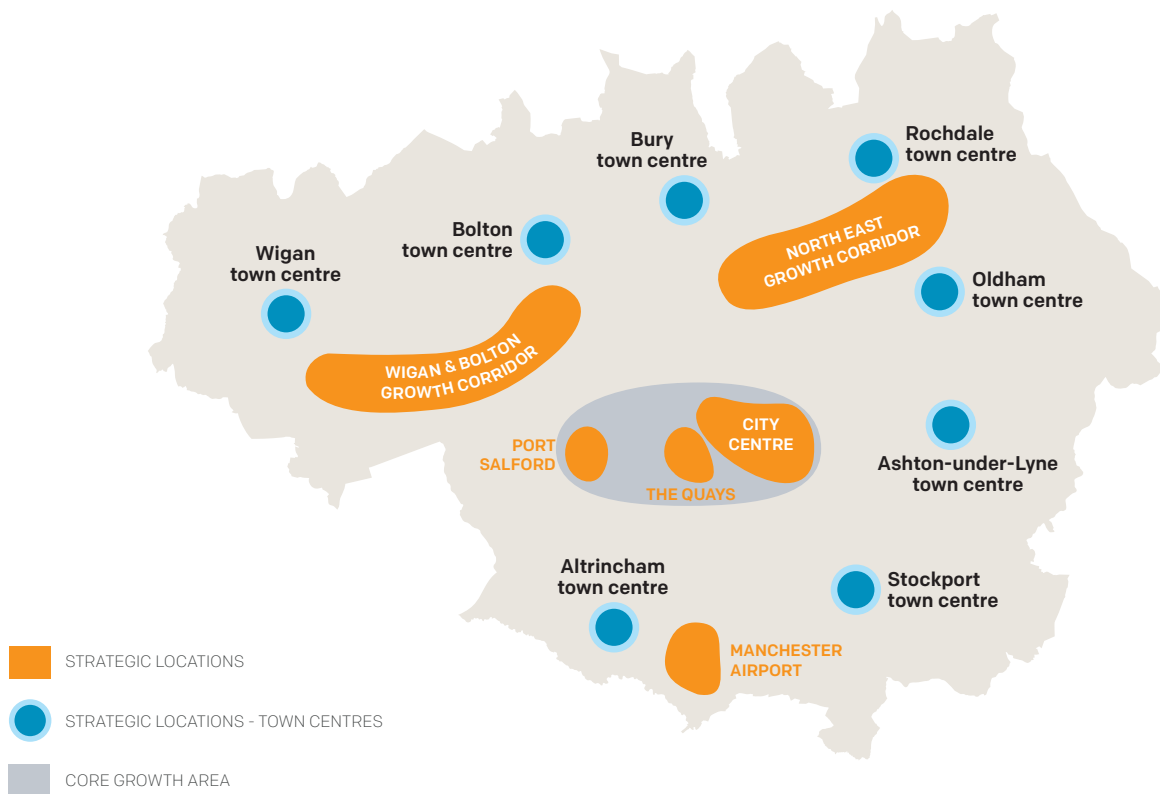


Figure 6.1 Strategic Locations

Employment Sites and Premises

- 6.16** It will be important to ensure that there is an excellent supply of employment sites and premises across Greater Manchester, with sufficient variety in terms of quality, cost and location to maximise the ability to attract and retain jobs and investment. This will help to deliver high levels of economic growth and tackle inequalities by improving access to employment opportunities for existing and new residents.
- 6.17** If economic growth is to be sustainable in the long-term then it will be necessary for the supply of employment sites and premises to adapt to changing circumstances, technological advancements, and new working practices. The need to be able to compete for investment is constantly increasing and will become even more imperative after Brexit. A lot of businesses are currently doing fantastic things from poor premises, and there is the potential to improve productivity and support growth with modern buildings in better locations. However, there

will continue to be demand for cheaper accommodation from start-ups and businesses working on tight margins. A good combination of existing and new sites and premises will therefore be required.

Policy GM-P 2

Employment Sites and Premises

A diverse range of employment sites and accessible premises, both new and second-hand, will be made available across Greater Manchester in terms of location, scale, type and cost. This will offer opportunities for all kinds and sizes of businesses, including start-ups, firms seeking to expand, and large-scale inward investment, which will help to tackle inequalities.

A strong portfolio of prime investment opportunities for new floorspace will be brought forward in the key locations identified in Policy GM-P 1 'Supporting Long-Term Economic Growth' and in complementary locations, with many being particularly suitable for prime growth sectors and specialisms. This includes the selective removal of land from the Green Belt and other land previously safeguarded for development to provide the quality of well-connected employment land supply necessary to deliver the required scale of long-term economic growth, as set out in Policy GM-P 3 'Office Development' and Policy GM-P 4 'Industry and Warehousing Development'. Greater Manchester will work with Government and other stakeholders to increase the delivery of previously-developed sites for employment use, and hence minimise the need for any further Green Belt release.

Existing employment areas that are important to maintaining a strong and diverse supply of sites and premises throughout Greater Manchester will be protected from redevelopment to other uses, nurtured to ensure they remain competitive and their accessibility improved where necessary. This will include local employment areas as well as strategic locations such as the Tame Valley and the core of Trafford Park, and associated transport infrastructure such as the Trafford Park Freight Terminal.

Office Development

- 6.18** Greater Manchester is generally acknowledged as having one of the strongest office markets in the country. The scale and quality of the offer is vital to supporting strong and productive sectors such as digital/creative, and business, financial and professional services.
- 6.19** The City Centre is the pre-eminent office location outside London. It will be important to maintain this position, and improve accessibility to the associated job opportunities, for the wider benefit of Greater Manchester, thereby helping to reduce inequalities, deprivation and poverty. The large number of sites available for office development within the City Centre, many of which are close to major public transport facilities and with the prospect of further

improvements through HS2 and Northern Powerhouse Rail (NPR), provides an unrivalled combination of location, scale, quality of development opportunity and access to a large pool of skilled labour.

- 6.20** The other two primary office markets within Greater Manchester are The Quays and South Manchester, with the latter including the area around Manchester Airport as well as several town and district centres. These provide a complementary offer to the City Centre, with their own distinctive characteristics that are attractive to occupiers, and have significant potential for further growth. Securing office growth in other parts of Greater Manchester as well, particularly the northern areas, will be an important component of delivering inclusive growth and reducing deprivation and poverty in these areas. This will be focused primarily in the town centres, as these are the most accessible locations to surrounding residential areas, and increasing office-based activity is a key component of the overall strategy for delivering more vibrant and economically prosperous town centres.
- 6.21** Modelling based on past economic trends suggests that the supply of new office floorspace needs at least to match average development rates over recent years. To ensure the continued growth of our key sectors is not constrained by a shortage of supply of new floorspace it is important to maintain a strong supply in key locations such as the City Centre and The Quays.
- 6.22** Existing office floorspace will continue to have an essential role in meeting the needs of businesses within Greater Manchester, often providing a lower cost alternative to new premises, especially for start-ups and smaller businesses. The conversion of offices to housing can be an important source of supply of new homes, but this must not be allowed to compromise the economic growth and diversity of Greater Manchester, and consequently there may need to be restrictions on the loss of office floorspace particularly in key locations.

Policy GM-P 3

Office Development

At least 2,500,000 sqm of accessible new office floorspace will be provided in Greater Manchester over the period 2020-2037, with a focus on:

1. The City Centre, accounting for more than half of all new office floorspace in the sub-region and taking advantage of existing and proposed public transport connectivity, including the proposed new HS2 and Northern Powerhouse Rail links which will further enhance its position as the premier office location outside London
2. The Quays, significantly expanding this distinctive office location and the continued growth of the nationally significant MediaCityUK

3. Manchester Airport Enterprise Zone and its environs, taking advantage of the extensive international connections, public transport accessibility, and proposed HS2 and Northern Powerhouse Rail links
4. Town centres, offering a strong local profile and lower cost options with excellent public transport connections and access to services, with opportunities being sought to significantly increase the supply of new office floorspace beyond that currently identified especially in the northern parts of Greater Manchester.

The refurbishment of existing office accommodation will be encouraged including improving standards of accessibility.

Individual districts through Local Plans or other mechanism(s) may restrict the changes of use of existing office space to non-employment uses such as housing where this could compromise the continued supply of a diverse range of office floorspace.

- 6.23** A wide range of office development opportunities have been identified by districts through their strategic employment land availability assessments, capable of accommodating just over 3,330,000 sqm of floorspace. This will help to ensure that there is a diverse range of opportunities, providing choice and flexibility in the market. The vast majority of these are in the key locations identified in Policy GM-P 3 'Office Development' and are on previously-developed land.

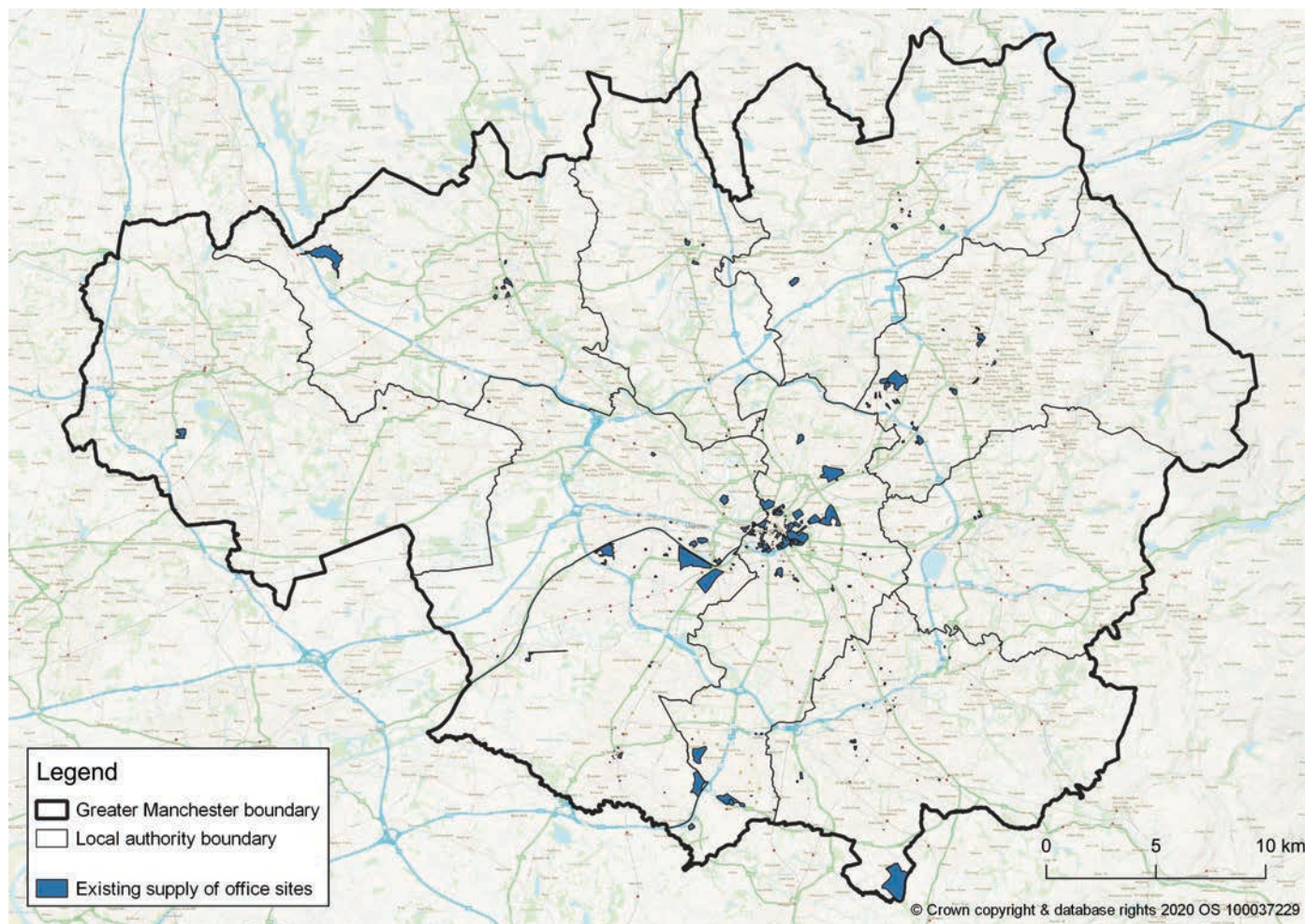


Figure 6.2 Existing supply of office sites identified in strategic employment land availability assessments 2020-2037

- 6.24** Although this supply is sufficient in numerical terms to meet the minimum office floorspace requirement up to 2037, it is considered that the very limited release of some existing Green Belt land within the Manchester Airport Enterprise Zone key location is required to maximise the competitive advantages of Greater Manchester.
- 6.25** Table 6.1 'Office land supply 2020-2037' summarises the sources of office land supply up to 2037.

District	Existing supply 2020-2037 (sqm floorspace)			GMSF Allocations 2020-2037 (sqm floorspace) ⁽⁷²⁾	Total 2020-2037
	Brownfield	Greenfield	Mixed		
Bolton	79,984	3,447	10,512	0	93,943
Bury	11,721	28,485	0	0	40,206

72 Excluding floorspace identified in baseline supply

District	Existing supply 2020-2037 (sqm floorspace)			GMSF Allocations 2020-2037 (sqm floorspace) ⁽⁷²⁾	Total 2020-2037
	Brownfield	Greenfield	Mixed		
Manchester	2,225,961	102,514	0	21,500	2,349,975
Oldham	59,272	0	11,554	0	70,826
Rochdale	18,462	81,249	0	0	99,711
Salford	348,611	0	0	0	348,611
Stockport	43,530	11,360	0	0	54,890
Tameside	26,432	0	0	0	26,432
Trafford	243,428	15,000	0	0	258,428
Wigan		2,055	7,294	0	9,349
Greater Manchester	3,057,401	244,110	29,360	21,500	3,352,371

Table 6.1 Office land supply 2020-2037

Industry and Warehousing

- 6.26** Industrial and warehousing accommodation is essential to a wide range of businesses across many economic sectors. It is particularly important to the key sectors of advanced manufacturing and logistics, but is also crucial to supporting other parts of the economy and its continued provision will help to reduce inequalities.
- 6.27** Although there have been continued reductions in the numbers employed in manufacturing over many decades, it continues to be a very important sector for Greater Manchester, delivering high levels of productivity and income. Advanced manufacturing is a particular strength, supported by the city-region's high concentration of research assets. Greater Manchester is recognised as an internationally important test-bed for new products and services, renowned for its ability to drive adoption of approved innovations at pace and scale. Enabling the success of this sector will be important for the wider prosperity of the North of England.
- 6.28** Logistics is a sector that is becoming increasingly central to the economy, enabling the efficient functioning of other sectors such as manufacturing and retail, and supporting changes in consumer behaviour. Greater Manchester's central position in the North of England, its large business and customer market and its excellent international freight connections via Manchester Airport, the Manchester Ship Canal and the nearby Port of Liverpool, as well as its motorway network, notably the M6, together provide opportunities to significantly increase logistics activity within the sub-region. This not only has the potential to promote higher levels of economic growth, but also to support environmental objectives by reducing the number of HGV journeys from the ports and distribution parks across England.

72 Excluding floorspace identified in baseline supply

- 6.29** Greater Manchester already has a varied range of industrial and warehousing locations, ranging from major areas with strong brand recognition such as Trafford Park to numerous smaller employment areas that are an important source of local employment and business opportunities. However, the long-term economic success of Greater Manchester will partly depend on its ability to continually renew and enhance its supply of accessible industrial and warehousing premises, responding to changing business practices and demands. Rising levels of automation and digitisation, increased customisation, greater integration of product services, and demands for more functionally and energy efficient premises are all leading to the need to increase the supply of new high quality floorspace, often with larger floorplates. At the same time, there will continue to be a demand for smaller and/or cheaper accommodation to support local businesses and start-ups that may often be working on narrow margins but make an important contribution to the Greater Manchester economy. All of this points to the need for a diverse portfolio of sites and premises across Greater Manchester, both retaining existing premises and providing new ones of varying size and location. Promoting and supporting access to the sites and premises by sustainable modes of transport will help to ensure that they will be accessible from both our existing and new communities.
- 6.30** There is evidence that past industrial and warehousing completions have been constrained by a lack of suitable sites within Greater Manchester, resulting in the city-region being unable to compete for some major occupiers. When combined with the need to secure a significant increase in the quality of accommodation across Greater Manchester to respond to evolving business requirements and increasing global competition, this means that a considerable uplift on past development rates is needed, in the order of around 25%.

Policy GM-P 4

Industry and Warehousing Development

At least 4,100,000 sqm of new, accessible, industrial and warehousing floorspace will be provided in Greater Manchester over the period 2020-2037.

To achieve this, a high level of choice and flexibility will be provided in the supply of sites for new industrial and warehousing floorspace, with a focus on:

1. Offering a range of opportunities across Greater Manchester
2. Making the most of the key locations identified in Policy GM-P 1 'Supporting Long-Term Economic Growth'
3. Significantly increasing the supply of high quality sites across the northern parts of Greater Manchester to help increase the competitiveness of that area, including a major strategic opportunity at Northern Gateway

Individual sites providing more than 100,000 sqm of industrial and warehousing floorspace should, where there is likely to be demand and it is appropriate to the location, incorporate:

- A. Opportunities for manufacturing businesses, particularly advanced manufacturing;
- B. Units capable of accommodating small and medium sized enterprises;
- C. Overnight parking for heavy goods vehicles; and
- D. Promote and support access by sustainable modes of transport

- 6.31** The need to provide the level of industrial and warehousing land within the GMSF reflects the need for Greater Manchester to compete internationally for investment and provide sufficient choice and flexibility to respond to the varied needs of different businesses. This will help Greater Manchester to maximise its ability to attract and retain businesses and hence support its long-term economic growth prospects and the availability of local jobs. The new sites will be important in enabling the relocation and expansion of existing businesses, which will free up some poorer quality current employment sites for redevelopment for uses such as housing, as well as attracting new investment into the sub-region. The large amount of flexibility in the supply is also necessary because some existing employment areas may be utilised for employment-generating uses other than industrial and warehousing floorspace, which, whilst making an important contribution to economic growth, may mean they are no longer available for industry and/or warehousing purposes.
- 6.32** A range of industry and warehousing development opportunities have been identified by districts through their strategic employment land availability assessments, capable of accommodating just less than 2,000,000 sqm of floorspace.

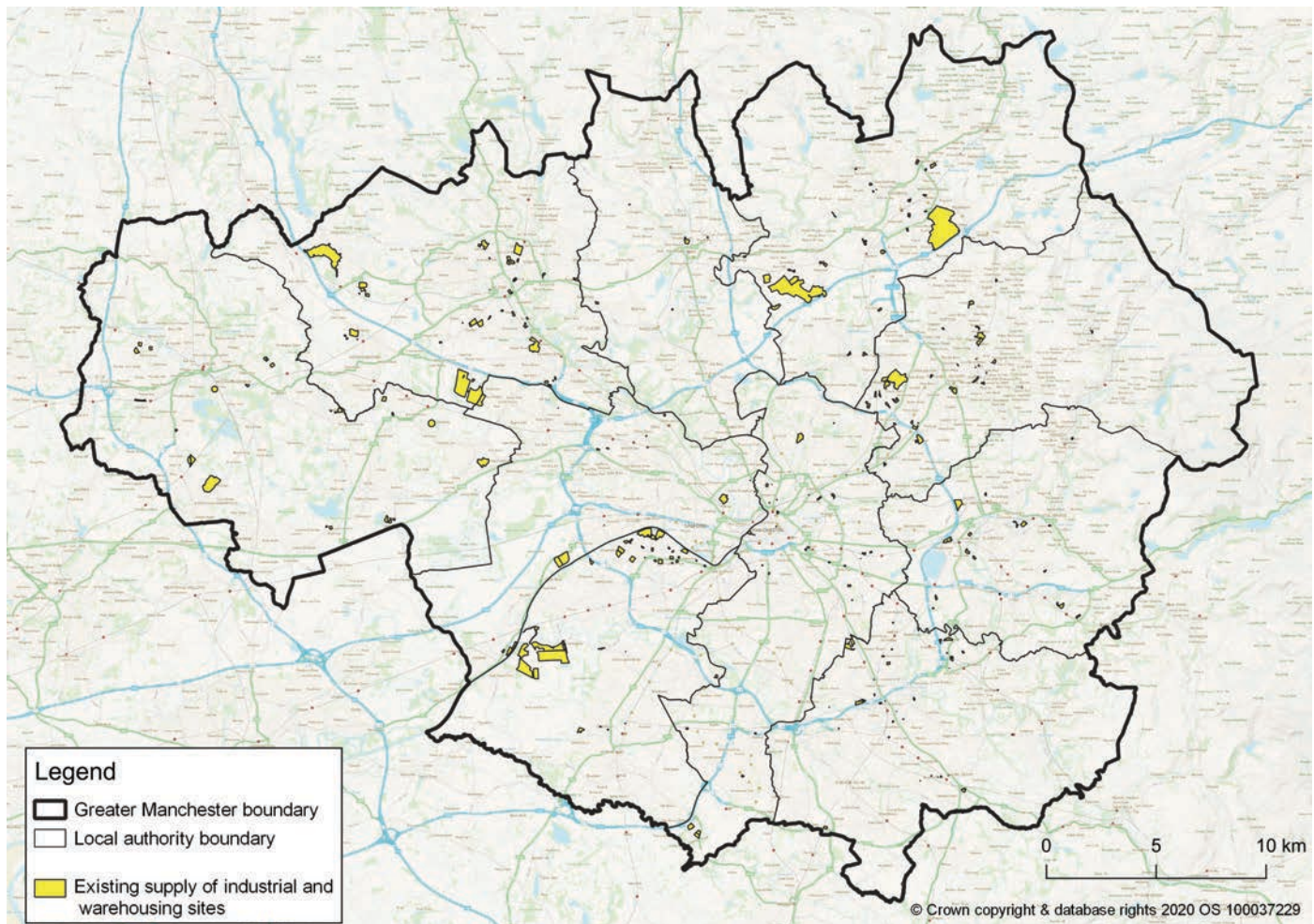


Figure 6.3 Existing supply of industry and warehousing sites identified in strategic employment land availability assessments 2020-2037

- 6.33** The existing supply of potential industrial and warehousing sites identified in the districts' strategic employment land availability assessments are insufficient to meet the overall identified need. Many of the sites they contain are also likely to be attractive primarily to a relatively local market and/or smaller businesses, due to their location, size and surroundings. Consequently, if Greater Manchester is to meet its future development requirements and increase the supply of high quality sites that can compete regionally, nationally and even internationally for investment, including from businesses requiring large modern premises, then there is a need to identify additional sites across the city-region. The only realistic option for doing so is to remove some land from the Green Belt.
- 6.34** Table 6.2 'Industry and warehousing land supply 2020-2037' summarises the sources of industry and warehousing land supply up to 2037. Although all of the sites could potentially be developed in full during the plan period. In practice, the high level of land supply, the size of some individual sites and infrastructure requirements mean that some of the Green Belt sites may come forward in part after 2037. This will help to ensure that there is a diverse

range of opportunities, providing choice and flexibility in the market. Additionally given the scale of some of the opportunities, almost a further 500,000 sqm has been identified which is likely to be delivered after 2037.

District	Existing supply 2020-2037 (sqm floorspace)			GMSF Allocations 2020-2037 (sqm floorspace) ⁽⁷³⁾	Total 2020-2037
	Brownfield	Greenfield	Mixed		
Bolton	252,156	15,673	8,653	486,000	762,482
Bury	3,731	6,500	0	491,000	501,231
Manchester	13,745	64,004	0	25,000	102,749
Oldham	66,269	0	65,252	141,720	273,241
Rochdale	148,690	203,311	0	244,000	596,001
Salford	171,531	32,396	0	320,000	523,927
Stockport	43,235	15,000	0	60,000	118,235
Tameside	52,340	62,415	1,716	160,000	276,471
Trafford	397,599	0	46,450	92,160	536,209
Wigan	65,592	207,143	22,512	200,000	495,247
Greater Manchester	1,214,888	606,442	144,583	2,219,880	4,185,793
<p>1. The floorspace arising at Policy GM Allocation 1.1 'Heywood / Pilsworth (Northern Gateway)', has been split between Bury and Rochdale based on illustrative plans and may be subject to change following comprehensive masterplanning.</p> <p>2. The floorspace arising at Policy GM Allocation 2 'Stakehill', has been split between Oldham and Rochdale based on illustrative plans and may be subject to change following comprehensive masterplanning.</p>					

Table 6.2 Industry and warehousing land supply 2020-2037

73 Excluding floorspace identified in baseline supply

- 6.35** New industrial and warehousing development has an important role to play in addressing the economic disparities across Greater Manchester, and in particular to boost the competitiveness of northern areas. It can help to deliver more balanced growth across the sub-region and tackle deprivation. Consequently, the release of Green Belt for employment use is focused primarily in the northern parts of Greater Manchester, with a string of high quality opportunities of varying sizes focused particularly around the key motorway corridors. Overall, this will result in around two-thirds of the supply being in the districts of Wigan, Bolton, Bury, Rochdale, Oldham and Tameside, whereas just over one-half of the supply in land availability assessments is in those six districts. The strategic location of Northern Gateway will alone account for about one-fifth of the Greater Manchester supply.
- 6.36** It will still be important to ensure that there is a good supply of industrial and warehousing in all parts of Greater Manchester, and so there is also some Green Belt release in the central and southern areas. The Green Belt sites have been selected in order to make the most of key assets and locations, with a focus on realising the potential of transport infrastructure such as the motorway network, the Manchester Ship Canal and Manchester Airport. The lowest level of new supply is in the east/south-east of Greater Manchester (Stockport and Tameside), where there will be a greater reliance on existing sites and premises, such as in the Tame Valley, which will need to be protected accordingly.



Homes for Greater Manchester

- 7.1** Greater Manchester has a diverse range of housing and residential neighbourhoods, capable of accommodating a wide variety of needs. It has seen high levels of new housing constructed in recent years, particularly with the growth in high-density apartments in the City Centre and The Quays, drawing in people and investment from across the world. At the same time, suburban locations across Greater Manchester have remained popular with residents and developers alike, providing homes for people of all ages.
- 7.2** Despite these positive characteristics, Greater Manchester is facing a housing crisis. It is adversely affected by the broken housing market that afflicts the country as a whole. The increase in rough sleeping over recent years has been the most visible manifestation of this, but lying behind it is a much more extensive problem of many people being unable to access suitable housing at an affordable price and with certainty of tenure. Over 99,000⁽⁷⁴⁾ (99,898) people are on the local authority housing waiting lists in Greater Manchester. A lack of appropriate housing options prevents some people from forming their own households, particularly younger adults, whilst those who can may have to cope with substandard or expensive accommodation. These problems are not universal, with the majority of people having access to good housing, but they are far too widespread in a modern city such as Greater Manchester and must be addressed. The GMSF is one of the tools that Greater Manchester has to address these issues.
- 7.3** Greater Manchester considers a decent home as a fundamental human right, but too often the housing market is not delivering this. Its ability to do so has been further compromised over the last few years by an increasing tendency for new dwellings to be seen as investments rather than homes, further raising the financial pressures on households. Private sector housing undoubtedly has a vital role to play in meeting housing needs, but the challenges can only be truly met through a more diverse range of new provision including a major boost in the supply of affordable housing.

Housing Need in Greater Manchester

- 7.4** As expected by NPPF, the housing need set out in this plan has been derived using the standard methodology provided in the NPPG for calculating the Local Housing Need (LHN). The calculation of housing need makes an adjustment to take account of affordability. If insufficient new homes are provided to meet this need, then there is a risk that affordability levels will worsen and people will not have access to suitable accommodation that meets their needs. The construction of new housing is also an important part of the economy, providing large numbers of jobs and often securing the redevelopment of derelict and underused sites.
- 7.5** The economic opportunities and quality of life that Greater Manchester can offer make it an attractive place for people to move to. This not only includes younger adults drawn by the universities, graduate jobs and lifestyle offer but also families attracted by the long-term prospects for their children, and older people wanting to take advantage of the wide range of cultural and leisure facilities.

74 MHCLG: Local Authority Housing Statistical Return 2018/19

- 7.6** The emergence of a global pandemic in March 2020 caused by the Covid-19 virus rightly resulted in the Greater Manchester authorities pausing the production of the GMSF to understand what, if any, action should be taken in relation to the level of housing growth being proposed. Following an initial assessment of the potential impacts of Covid-19 on the housing market, it became clear that there was insufficient evidence (either at a national or local level) to suggest that Greater Manchester should not be seeking to meet its overall housing need (as calculated by the standard LHN methodology) as a result of Covid-19. That said it is considered that a cautious approach to predicting delivery rates should be followed in the early years of the plan.
- 7.7** Therefore, whilst it is recognised that the country was in a state of flux, it is very clear that to delay the production of the plan further could have a negative effect on the proper planning of the conurbation and therefore its recovery. Instead it is considered appropriate to proceed on the basis that Greater Manchester should seek to meet its LHN up to 2037 but to use the process of local plan review to monitor the situation and if necessary to undertake a formal review outside of the statutory timetable.

Housing Land Supply

- 7.8** There is a strong focus in the GMSF on directing new housing towards previously-developed sites within the existing urban area. This will help to address existing dereliction and poorly used sites, as well as reducing the need to release greenfield and Green Belt land for development. Previously-developed sites are often in relatively sustainable locations, close to facilities and served by existing infrastructure, and hence their reuse for housing can support wider objectives. Policy GM-H 4 'Density of New Housing' will ensure that the most is made of such sites, particularly in more accessible locations, further reducing the need for additional land release.
- 7.9** A large number of previously-developed sites suitable for housing have been identified by districts in their Brownfield Registers, Strategic Housing Land Availability Assessments and Local Plans. Not all previously-developed sites will be appropriate for housing development, as there will be a continued need to accommodate other uses such as employment. The large amount of land identified in the GMSF for new industrial and warehousing development may free up some existing employment sites and areas including where there are issues of viability and/or market demand for residential redevelopment in addition to those already identified, but this potential supply is too uncertain to be assumed to make a significant contribution to new housing during the plan period.

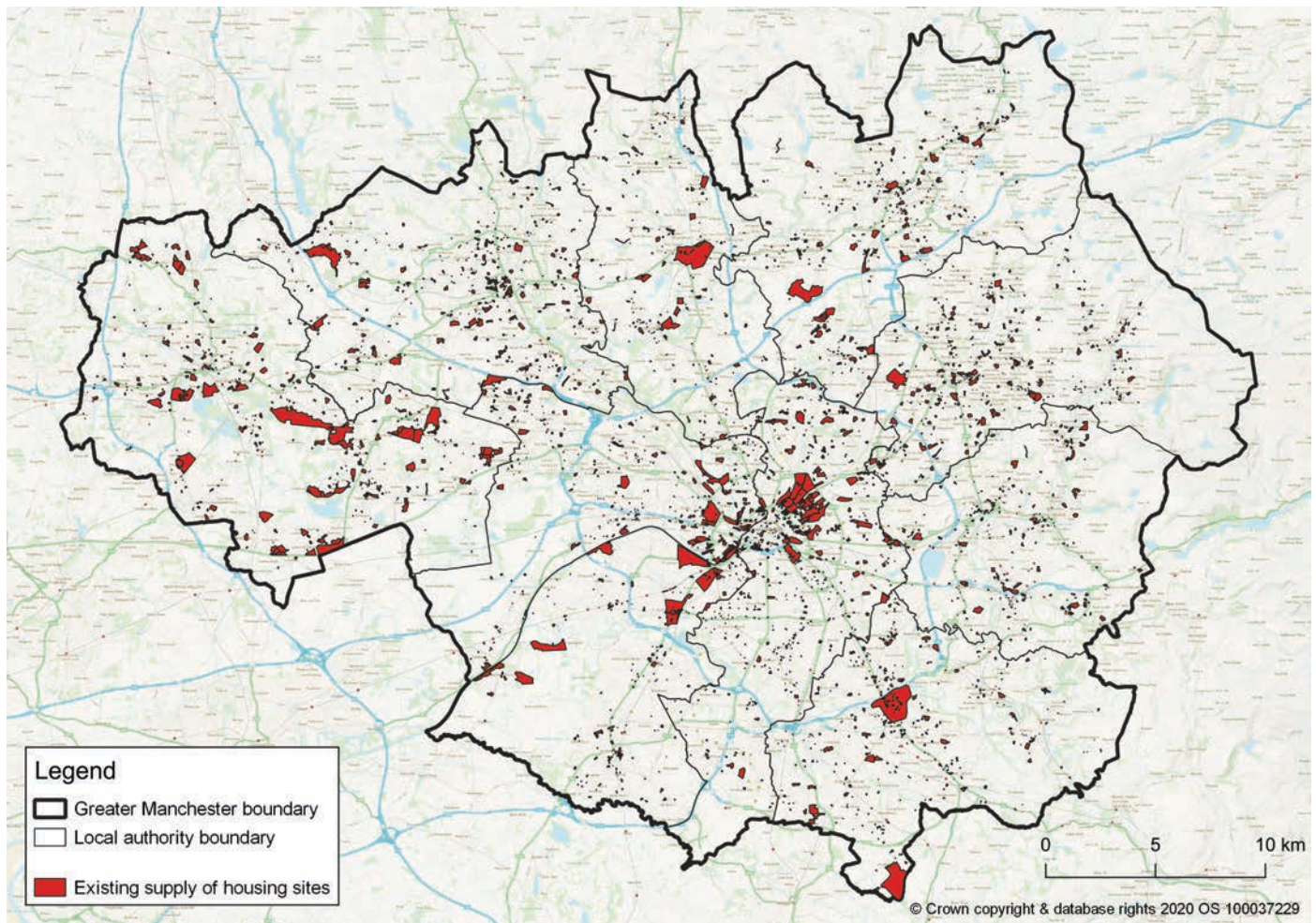


Figure 7.1 Existing supply of sites identified in strategic housing land availability assessments 2020-2037

- 7.10** A further source of housing land supply will be small sites, which are typically not identified comprehensively in brownfield registers and strategic housing land availability assessments. It has been assumed that the supply of new dwellings on small sites will continue at the same rate in each district as has been seen over the last five years.
- 7.11** It will be important to make the most of the existing housing stock. The proportion of dwellings in Greater Manchester that are vacant has halved since 2008 and now matches the England average.⁽⁷⁵⁾ Efforts will be made to further reduce long-term vacancies, including by seeking Government funding and working with property owners, but any significant further reduction in vacancies could begin to make it more difficult for people to move home. Consequently, it has not been assumed that a reduction in vacancies will help to meet the overall housing requirement.
- 7.12** Table 7.1 illustrates that, in numerical terms, the existing supply of potential housing sites identified in the districts' strategic housing land availability assessments, small sites and empty properties is adequate to meet the overall identified need. However, meeting the

75 Reduction from 5.0% in 2008 to 2.5% in 2017, based on ONS live tables 125 and 615

numerical needs alone, is not enough. Greater Manchester must be able to demonstrate that its land supply has sufficient flexibility within it to demonstrate that it represents a deliverable, viable and robust land supply and will deliver a balanced and inclusive growth, thereby achieving the overall spatial strategy. In light of this and the need to ensure the Green Belt boundary can endure beyond the plan period it has been necessary to identify additional new sites across the city-region, over and above those in the existing land supply. Having considered a number of spatial options, it has been concluded that in order to achieve this, it has been necessary to remove some land from the Green Belt and to allocate this land within this GMSF for residential development.

7.13 The table below summarises the sources of housing land supply up to 2037.

District	Strategic Housing Land Availability Assessment			Allowances ⁽⁷⁶⁾	GMSF Allocations ⁽⁷⁷⁾	Total land supply 2020-2037
	Brownfield land	Greenfield land	Mix brownfield land and greenfield land			
Bolton	10,686	2,469	0	2,021	0	15,176
Bury	3,056	424	362	261	4,700	8,803
Manchester	49,794	4,712	2,223	812	24	57,565
Oldham	7,712	1,276	1,410	557	2,597	13,552
Rochdale	5,518	2,836	426	-783	4,006	12,003
Salford	30,634	2,137	1,473	1,959	2,100	38,303
Stockport	8,742	935	568	852	3,060	14,157
Tameside	5,017	755	575	576	1,558	8,481
Trafford	12,293	2,568	824	777	4,827	21,289
Wigan	10,769	6,403	68	756	1,600	19,596
Greater Manchester	144,221	24,515	7,929	7,788	24,472	208,925

Table 7.1 Sources of housing land supply 2020-2037

77 Excluding homes identified in existing land supply

76 Allowances are a combination of small sites windfall allowances and demolitions/clearances for four of the districts (Bolton, Manchester, Oldham and Rochdale). Rochdale has a negative allowance figure because the number of dwellings expected to be lost to demolition/clearances is expected to outnumber the number of new dwellings expected to be built on small sites.

Distribution of New Housing Within Greater Manchester

- 7.14** Greater Manchester overall is projected to increase in population by 187,700 (6.6%) from 2020 to 2037. The highest levels of population growth across Greater Manchester are projected to be in the two cities Manchester (34,800 increase in residents) and Salford (33,800). The next largest increases are projected to be in Rochdale (20,700) and Oldham (18,000). In contrast the projected population growth in the other northern districts across the conurbation is lower. Overall though, projected demographic changes across Greater Manchester still broadly mirror recent economic forecast changes. If these trends continue unchecked then inequalities across Greater Manchester could widen further, with prosperity increasingly focused in the centre and the south of the conurbation. Northern areas lacking the scale and quality of housing investment to support their regeneration fully enough for them to make a greater contribution to the economic success of Greater Manchester.
- 7.15** In order to help address these issues, higher levels of housing growth will be focused in the central and northern districts of Greater Manchester. Manchester and Salford will continue to be an appropriate location for the highest levels of new housing due to their central location, good public transport connections, proximity to the main concentrations of employment and leisure opportunities, and ability to deliver very high density developments. Supporting higher levels of new housing in the northern districts will assist in achieving a more balanced pattern of growth across Greater Manchester and a better distribution of skilled workers to support local economies, helping to reduce disparities. The proposed distribution of housing development also reflects the availability of suitable sites in each of the districts.

Phasing of New Housing in Greater Manchester

- 7.16** The average annual housing requirement for Greater Manchester of 10,534 net additional dwellings per annum was achieved in 2018/19 for the first time since the peak of the housing market in 2006/07, 2007/08, at the peak of the housing market. Greater Manchester has therefore demonstrated that this level of residential development can be achieved. However, it is also true to say that following shocks like the financial crisis of 2008, completions can see significant drops. Therefore Greater Manchester needs to identify a phasing trajectory which it considers is realistic and which will result in housing being delivered as planned over the life of the plan. Until March 2020 there would have been little reason to suspect that recent delivery trends would not continue, however in March 2020 there was a major health induced economic event, caused by the Covid-19 pandemic. Although this pandemic caused an initial shock to the construction industry, which might have an impact on delivery rates in the early years of the plan, there is no robust evidence to suggest that it could have such long term impacts to warrant reducing the overall housing land target from that derived from the standard methodology. Instead, this plan recognises the uncertainty that the pandemic may have on the housing sector in the short-term by ensuring that there is a significant buffer on the housing land supply to meet the proposed phasing. This will enable sufficient flexibility, which in turn gives confidence in the delivery rates in the early years of the plan period.

- 7.17** Ensuring sufficient flexibility in the supply in the first years of the plan will not be sufficient on its own to ensure housing delivery happens as planned. A significant proportion of the land supply in the early years of the plan is made up from sites within the urban area, the majority of which are on previously developed land. Many of these sites therefore face challenges which will need assistance to kick-start their delivery. Greater Manchester has been lobbying central Government for many years to secure funding to enable it to achieve the common goal of delivering as many homes on brownfield land as possible and keeping to a minimum the need to release Green Belt land. A number of key schemes within Greater Manchester have successfully been awarded funding through the Housing Infrastructure Fund and Greater Manchester has also recently been awarded funding through the Brownfield Land Fund. This type of funding, together with proactive work in relation to housing delivery by each of the ten Greater Manchester local planning authorities will help to ensure that delivery will keep apace as anticipated in this Plan.
- 7.18** It is not the impact of Covid-19 alone that means that Greater Manchester needs to be realistic in terms of delivery rates over the early years of the plan period. The masterplanning and infrastructure investments required to support the development of some sites, including many of the allocations in the GMSF, means that they may only produce large numbers of new dwellings in the latter phases of the plan period. In some parts of the conurbation it will be necessary to develop new markets for housing, which is vital to delivering the overall strategy for Greater Manchester but may take some time to achieve.
- 7.19** Taking all of these factors into account, it is anticipated that there will be around 8,500 housing completions on average up until March 2025, increasing to an average of around 10,500 net additional dwellings per annum up to March 2030 and accelerating to around 12,000 per annum up to March 2037. This trajectory is shown below. Whilst the trajectory in this plan is considered to be realistic, given the relatively unknown impacts of Covid-19 at this point in time, it is possible that delivery could in fact be different to that currently anticipated. Therefore, in such an eventuality the surplus or shortfall will be distributed over the remaining years of the plan. In this way, any over delivery within a local planning authority area will not result in that authority being adversely affected when it comes to calculating their five-year housing land supply.
- 7.20** The work of each of the local planning authorities in terms of housing delivery will be key to ensuring that these step changes in delivery rates are achieved and these will be reviewed regularly as part of the housing delivery test process.

Policy GM-H 1

Scale, Distribution and Phasing of New Housing Development

A minimum of 179,078 net additional dwellings will be delivered in Greater Manchester over the period 2020-37, or an annual average of around 10,534.

Table 7.1, defines the land supply across Greater Manchester, demonstrating that brownfield land will be the predominant source of land over the plan period.

The new homes will be of good quality and design, adaptable, supported by the necessary infrastructure and amenities and their distribution (as set out in Table 7.2) will support the overall GMSF strategy which enables people to reduce the need to travel when taking advantage of Greater Manchester's key assets.

The phasing of development is set out in Table 7.2. Each local authority will monitor delivery rates within their area and will take action as necessary to ensure that delivery rates are maintained as anticipated in this plan. If this regular monitoring reveals significant deviation from the phasing in this plan, the factors resulting in these changes will be determined and consideration will be given to what action would be appropriate, including development management action and review of the policies in this plan. Any shortfall or surplus will be distributed over the remainder of the full plan period when calculating five-year supply. This work would feed into the regular reviews of this plan, although individual authorities may wish to take specific local action outside the formal review process to ensure that they can maintain delivery rates.

District	Annual average 2020-2037	2020-2025 (annual)	2025-2030 (annual)	2030-2037 (annual)	Sum of three step target
Bolton	778	504	778	974	13,228
Bury	451	187	451	640	7,670
Manchester	2,951	2,951	2,951	2,951	50,167
Oldham	695	330	695	956	11,817
Rochdale	615	569	615	648	10,456
Salford	1,680	1,680	1,680	1,680	28,560
Stockport	793	541	793	973	13,481
Tameside	475	281	475	614	8,078
Trafford	1,091	591	1,091	1,448	18,546
Wigan	1,005	864	1,005	1,106	17,087

District	Annual average 2020-2037	2020-2025 (annual)	2025-2030 (annual)	2030-2037 (annual)	Sum of three step target
Greater Manchester	10,534	8,498	10,534	11,990	179,090

Table 7.2 Distribution and Phasing of Greater Manchester's new dwellings 2020-2037

Affordability of New Housing

- 7.21** A key challenge and priority for Greater Manchester is to ensure that new housing comes forward at a price that potential occupiers can afford. Overall, Greater Manchester is a relatively affordable place to live on average compared to some other parts of the UK, particularly London and the South. This is an important aspect of the competitiveness of Greater Manchester that will need to be maintained if high levels of economic growth are to be delivered, and all residents are to share in its benefits.
- 7.22** However, affordability has been worsening in recent years, and there are a significant number of households who are unable to find suitable homes at an affordable cost. The cost of housing is a challenge to different cohorts within the housing system - including those needing access to social rent or trying to maintain a tenancy as welfare rules are squeezed; private renters sharing; those saving as prospective First Time Buyers looking for routes into home ownership; people in unstable employment in any tenure; older owner-occupiers without the resources to maintain a decaying property, or people living in overcrowded properties because they cannot afford or access a home large enough to meet their needs. As a result, some people are living in inadequate accommodation and/or spending an unacceptably large proportion of their income on housing, which in turn increases levels of poverty. The official definition of affordable housing does not adequately address the diverse range of need within Greater Manchester, nor does it reflect the impact of welfare reform and other factors on households' ability to meet their housing costs. Through its housing strategy, Greater Manchester⁽⁷⁸⁾ sets out its approach to tackle the housing crisis, to ensure our housing solutions address the needs and aspirations of current and future citizens. Importantly Greater Manchester's housing crisis will not be fixed by the planning system alone, although it will play a key role in this work.
- 7.23** There are currently over 99,000 households on the local authority registers, with over 30,000 of these identified as being in reasonable preference for housing.⁽⁷⁹⁾ It is estimated that around 38% of newly forming households are unable to afford to buy or rent a home at lower quartile prices.⁽⁸⁰⁾ New build is just one of the ways to meet this need.

78 <https://www.greatermanchester-ca.gov.uk/media/2257/gm-housing-strategy-2019-2024.pdf>

79 'reasonable preference' is defined in the 1996 Housing Act (Part 6)

80 The lower quartile is the point at which one-quarter of properties are cheaper to buy/rent, and three-quarters are more expensive, representing a typical entry point property for new households prices.

- 7.24** Consequently, increasing the delivery of affordable housing across Greater Manchester is a very high priority, and it will be essential that new residential developments play a full role in supporting this. There are a variety of ways of delivering affordable housing and the emphasis in some parts of Greater Manchester may be on increasing the supply of social rented and affordable rented properties, reflecting the low incomes of many households in need. In other parts, alternative types of affordable housing may also be suitable, such as shared ownership, affordable market rent, and discount market sales.
- 7.25** In doing this it will be important to ensure that a diverse mix of values and tenures of new housing comes forward so that all households can meet their needs and aspirations, helping to ensure that Greater Manchester can attract and retain skilled workers, bring more money into local economies and deliver more mixed and inclusive communities.

Policy GM-H 2

Affordability of New Housing

Substantial improvements will be sought in the ability of people to access housing at a price they can afford, including through:

1. Significantly increasing the supply of new housing across Greater Manchester, in accordance with Policy GM-H 1 'Scale, Distribution and Phasing of New Housing Development', thereby reducing the potential for a shortfall to lead to large house price and rent increases
2. Aiming to deliver at least 50,000 additional affordable homes across Greater Manchester up to 2037, with at least 30,000 being for social rent or affordable rent⁽⁸¹⁾
3. Support provision of affordable housing, either on- or off-site, as part of new developments (avoiding where possible clusters of tenure to deliver mixed communities), with locally appropriate requirements being set by each local authority
4. Working with Government to maximise the amount of public funding being directed towards the provision of new affordable housing
5. Increasing the supply of low-cost market housing, to complement the provision of affordable homes and diversify options for low income households.

Type, Size and Design of New Housing

- 7.26** Increasing the supply of affordable homes is an essential component of the overall strategy, but it will be important to ensure that a diverse mix of values and tenures of new housing comes forward so that all households can meet their needs and aspirations.

81 A definition of the different forms of affordable housing is given in Annex 2: Glossary (page 64) of the NPPF - see <https://www.gov.uk/government/publications/national-planning-policy-framework--2>

- 7.27** Greater Manchester is in competition with cities across the world to attract and retain the skilled workers that will be critical to delivering high and sustained levels of economic growth. It already has some particularly attractive residential neighbourhoods, several of which can command very high house prices, both within the high-density areas of the City Centre and The Quays, and in some of the lower density suburbs. Many of the higher value suburban neighbourhoods are located in the south of Greater Manchester, forming part of a much larger high-value area extending into north Cheshire, although there are smaller and more dispersed prosperous housing areas elsewhere in the sub-region.
- 7.28** A key aim of the GMSF is to boost the supply of well designed, adaptable new homes with appropriate access to private space. In some areas this will help to diversify local housing markets that are often dominated by low-cost housing, bring more money into local economies, and deliver more mixed and inclusive communities. It will also help to increase the options for skilled workers looking to move into or within Greater Manchester. Focusing a significant proportion of housing growth in the northern areas will assist in this, supported by selectively releasing Green Belt sites to deliver a diverse mix of values and tenures that includes affordable homes as well as some higher value housing, (relative to prevailing values in the local area), within a high quality environment. This will help to achieve a better spread of higher value housing and prosperity across Greater Manchester, whilst also delivering greater diversity within individual areas.
- 7.29** A diverse range of housing will be required to meet population and household growth in Greater Manchester. Just under 70% of the population increase 2020-2037 is projected to be in those aged 65 and over. In contrast the population of those aged under 18 is projected to decrease by more than 9,000.⁽⁸²⁾ Indeed, those aged 65 and over are projected to account for large proportions of the growth in each district and ranging from 32% of the growth in Salford to 138% in Wigan and 156% in Bolton (and those under 65 in Bolton decreasing by 4,600 and those under 65 in Wigan decreasing by 5,556).
- 7.30** A key part of the overall strategy is to maximise the amount of development on brownfield sites in the most accessible locations, and minimise the loss of greenfield and Green Belt land as far as possible. In order to deliver the necessary densities, an increasing proportion of new dwellings will be in the form of apartments and town houses, continuing recent trends.
- 7.31** Smaller households are forecast to account for over half of the growth in households.⁽⁸³⁾ It is anticipated that this will further strengthen the demand in apartments, particularly given cost pressures and the increased reliance on private rented accommodation. However, some single and couple households will want or need to live in larger dwellings, for example to facilitate home-working or accommodate visiting relatives. There is scope to increase the number of families living in apartments, especially if higher density neighbourhoods can be made more inclusive for all age groups. The land supply that has been identified across Greater Manchester responds to these needs as demonstrated by the table below.

82 ONS 2018-based subnational population projections

83 ONS Household Projections

District	% Houses 2020 - 2037	% Apartments 2020 - 2037
Bolton	60	40
Bury	78	22
Manchester	15	85
Oldham	66	34
Rochdale	83	17
Salford	20	80
Stockport	46	54
Tameside	60	40
Trafford	36	64
Wigan	89	11
Greater Manchester	42	58

Table 7.3 Residential Land Supply - Split of Houses and Apartments

- 7.32** The ageing population will necessitate a renewed emphasis on ensuring that a diverse range of housing is available to meet the needs of older people and households. This will require new dwellings to be more adaptable, and designed with potential care needs in mind, so that older people can remain in their homes if they wish as their circumstances change. There also need to be much better options for those who would like to move, perhaps to a dwelling of a more appropriate size in a location that enables them to easily access local services and facilities, and this could help to release some existing houses for families with dependent children.
- 7.33** The UK has the smallest average new-build dwellings in Europe⁽⁸⁴⁾ and cost considerations for both developers and households are placing further downward pressure on dwelling size. This potentially creates a number of problems, resulting in less adaptable dwellings that are unable to respond to the changing needs of households, poor health resulting from cramped conditions and overcrowding, and overall a lower quality of life. The lack of space can also inhibit home-working, which will be increasingly important in helping to minimise the need to travel and enabling Greater Manchester to take advantage of digital-based business opportunities. It is therefore essential that new housing achieves minimum standards that will help to ensure that it is able to meet identified needs and contributes to rather than

84 Malcolm Morgan and Heather Cruickshank (2014) Quantifying the extent of space shortages: English dwellings, Building Research & Information Vol. 42, Issue 6, 2014

detracts from the relative attractiveness of Greater Manchester as a place to live. The provision of appropriate outdoor private amenity space will also be vital in delivering high quality homes that support good health.

Policy GM-H 3

Type, Size and Design of New Housing

Development across Greater Manchester should seek to incorporate a range of dwelling types and sizes including for self-build and community led building projects to meet local needs and deliver more inclusive neighbourhoods. Where appropriate, this should include incorporating specialist housing for older households and vulnerable people.

The precise mix of dwelling types and sizes will be determined through district local plans, masterplans and other guidance, in order to reflect local circumstances and deliver an appropriate mix of dwellings across Greater Manchester as a whole.

Housing provision to accommodate specific groups, such as students and travelling people, will be addressed through district local plans.

All new dwellings in Greater Manchester must:

1. Comply with the nationally described space standards; and
2. Be built to the 'accessible and adaptable' standard in Part M4(2) of the Building Regulations, unless specific site conditions make this impracticable.

Innovation in housing development will be supported where it is consistent with the principles of good design and contributes to local distinctiveness, including the use of modern methods of manufacturing that can help to improve the speed of delivery and increase building standards.

Housing Densities

- 7.34** Increasing the average density of new housing developments in the most accessible locations is an important part of the overall strategy for Greater Manchester, providing a number of benefits. It will reduce the amount of land that needs to be used for development, thereby assisting the protection of greenfield and Green Belt land. It will help to minimise the need to travel, enabling more people to live close to shops and services, and increasing the local population necessary to support local facilities and support regeneration. It will also maximise the number of people living in the most accessible places, helping to increase the proportion of trips made by walking, cycling and public transport, and reducing the demand for car-based travel. The approach to housing densities directly supports the objectives of the Mayor's Town Centre Challenge.

Policy GM-H 4

Density of New Housing

New housing development should be delivered at a density appropriate to the location, reflecting the relative accessibility of the site by walking, cycling and public transport, in accordance with the minimum densities set out below.

Location (use highest density that applies when a site falls within more than one location)	Minimum net residential density (dwellings per hectare)		
	Within the location	Within 400 metres	Within 800 metres
Designated centres:			
City Centre	200	120	70
Designated town centres	120	70	50
Other designated centres	70	50	35
Public transport stops:			
Main rail stations and Metrolink stops in the City Centre	N/A	200	120
Other rail stations and Metrolink stops in large designated centres	N/A	120	70
Other rail stations with a frequent service and all other Metrolink stops	N/A	70	50
Leigh Guided Busway stops	N/A	50	35
Areas within GMAL 6 and above or its equivalent	50	35	35

Location (use highest density that applies when a site falls within more than one location)	Minimum net residential density (dwellings per hectare)		
	Within the location	Within 400 metres	Within 800 metres
All other locations: minimum net residential density of 35 dwellings per hectare			

Lower densities may be acceptable where they can be clearly justified by:

1. Local housing market issues, such as a demonstrable need for a particular type of housing that cannot be delivered at a higher density; or
2. Site-specific issues, such as the design context and any potential impact on the wider landscape or townscape including heritage assets and green infrastructure

And where it would not compromise the overall delivery of new homes in the district.

In order to achieve an appropriate mix of housing across Greater Manchester, the densities above should typically be delivered as follows:

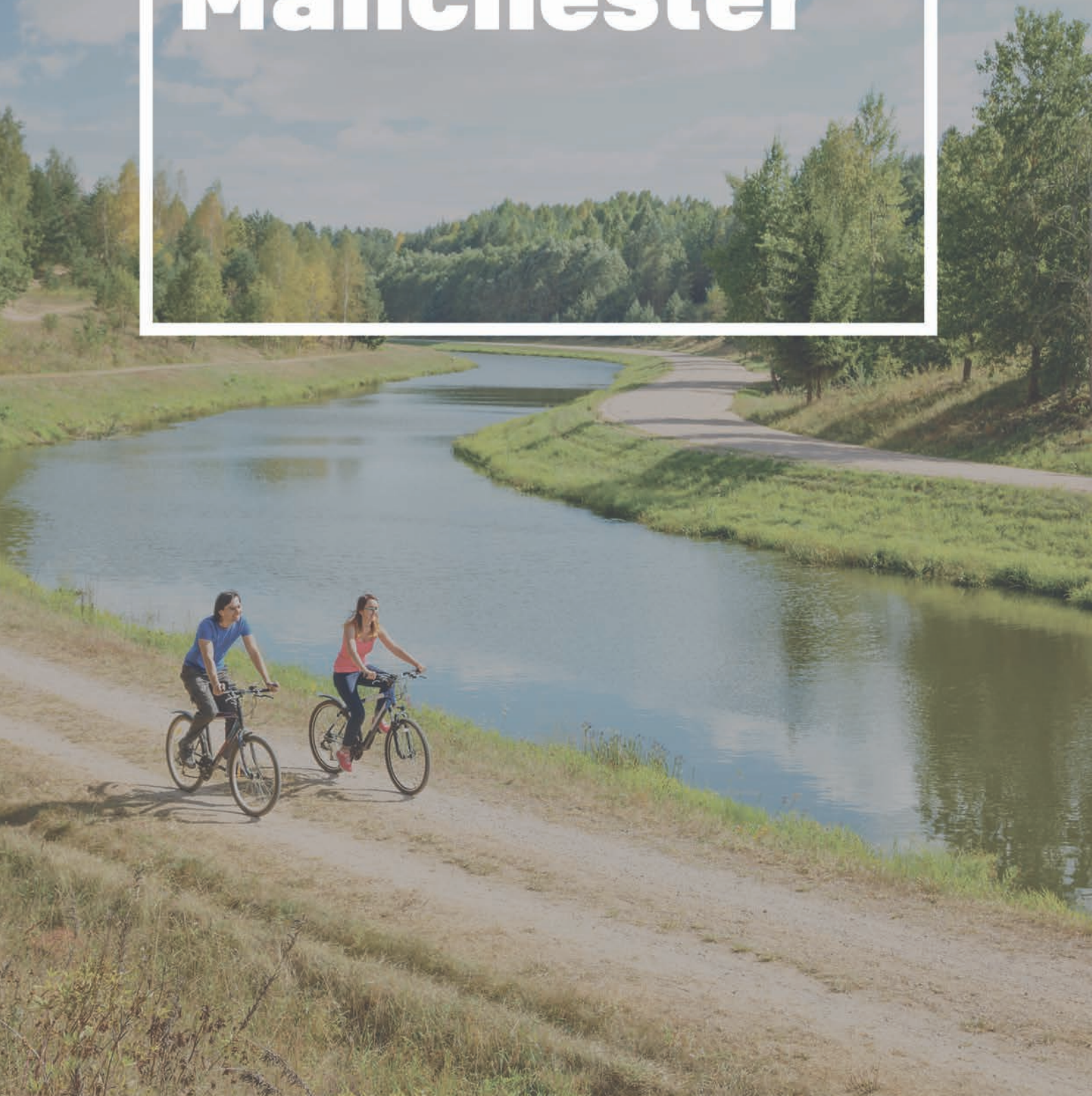
- A. 35-70 dwellings per hectare: primarily houses
- B. 70-120 dwellings per hectare: mix of houses and apartments
- C. 120+ dwellings per hectare: primarily apartments, incorporating houses and/or ground-floor duplexes where practicable

Definitions and interpretation

- Where more than one density applies to the same part of the site, the highest density should be used. Different densities may apply to different parts of a site.
- Distances should be measured from the boundary of the designated centre or GMAL area.⁽⁸⁵⁾ All distances are measured in a straight line.
- The designated centres are as defined in district local plans.

⁸⁵ GMAL is an abbreviation of Greater Manchester Accessibility Layer, which measures the accessibility of locations across Greater Manchester by walking and public transport. Areas are scored on a scale of 1-8, with 8 being the most accessible. GMAL scores are published online at data.gov.uk.

A Greener Greater Manchester



- 8.1 Greater Manchester's many and varied green spaces and features are used in many different ways and afforded many different values by the people who live, work in or visit the city-region. The GMCA is committed to the Government's approach as set out in the 25 Year Environment Plan (25YEP)⁽⁸⁶⁾ to deliver a better natural environment for people and wildlife and ensuring that it is accessible for everyone to connect to and benefit from.
- 8.2 The GMSF supports the important role of Greater Manchester's natural assets by:
- Valuing the special qualities and key sensitivities of Greater Manchester's **landscapes** (recognising importance of an area's appearance to the sense of place held by those who live in or visit it);
 - Seeking to protect and enhance **green and blue infrastructure** (the wider network of green (and blue) features which make a huge contribution to quality of life, promote good mental and physical health, create liveable places and support economic growth);
 - Seeking an overall **enhancement of biodiversity and geodiversity** (the living organisms and ground beneath our feet which underpin the value of the natural environment and its ability to provide a wide range of important benefits, including supporting human health and quality of life);
 - Seeking to maintain a **Green Belt** (which plays an important role in restricting unplanned development in a conurbation with a complex urban form, ensuring that its cities, towns and smaller settlements retain their identity).

Valuing Important Landscapes

- 8.3 A Greater Manchester Landscape Character and Sensitivity Assessment (GMLCSA) has been prepared for Greater Manchester.⁽⁸⁷⁾ This assesses the quality and sensitivity of different landscapes and considers cross-boundary relationships (including with the Peak District National Park).
- 8.4 The GMLCSA identifies 10 different landscape character types which make up Greater Manchester's predominantly unbuilt areas and sets out evidence of their characteristics and sensitivities:
- Broad Urban Fringe Valleys;
 - Historic Parks and Wooded Estate Farmland;
 - Incised Urban Fringe Valleys;
 - Mosslands and Lowland Farmland;
 - Pennine Foothills (West-South Pennines);
 - Pennine Foothills (Dark Peak);
 - Reclaimed Land / Wetlands;
 - Unenclosed Uplands and Fringes (West-South Pennines);
 - Unenclosed Uplands and Fringes (Dark Peak); and
 - Urban Fringe Farmland

86 www.gov.uk/government/publications/25-year-environment-plan

87 www.greatermanchester-ca.gov.uk/gmsf

- 8.5** The sensitivities of Greater Manchester's landscapes vary according to the issues and pressures they face and can be significantly influenced by the green infrastructure features they contain (see Greater Manchester's Green Infrastructure Network).

Policy GM-G 1

Valuing Important Landscapes

Development should reflect and respond to the special qualities and sensitivities of the key landscape characteristics of its location, including having regard to:

- Topography, geology and drainage;
- Land use and field patterns;
- Semi-natural habitats and woodland cover;
- Archaeology and cultural heritage;
- Settlement, road pattern and rights of way; and
- Views and perceptual qualities.

Transitional areas around new development and the interface of new development with the surrounding countryside/landscape are also of particular importance, requiring well-considered and sensitive treatment. In particular, opportunities to improve the intactness and condition of the landscape should be taken, especially in conjunction with seeking a net enhancement of biodiversity/geodiversity resources under Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity'.

In implementing this strategic policy regard will be had to the Greater Manchester Landscape Character and Sensitivity Assessment (GMLCSA), in particular its guidance on future development and landscape management/enhancement within areas covered by each landscape character type.

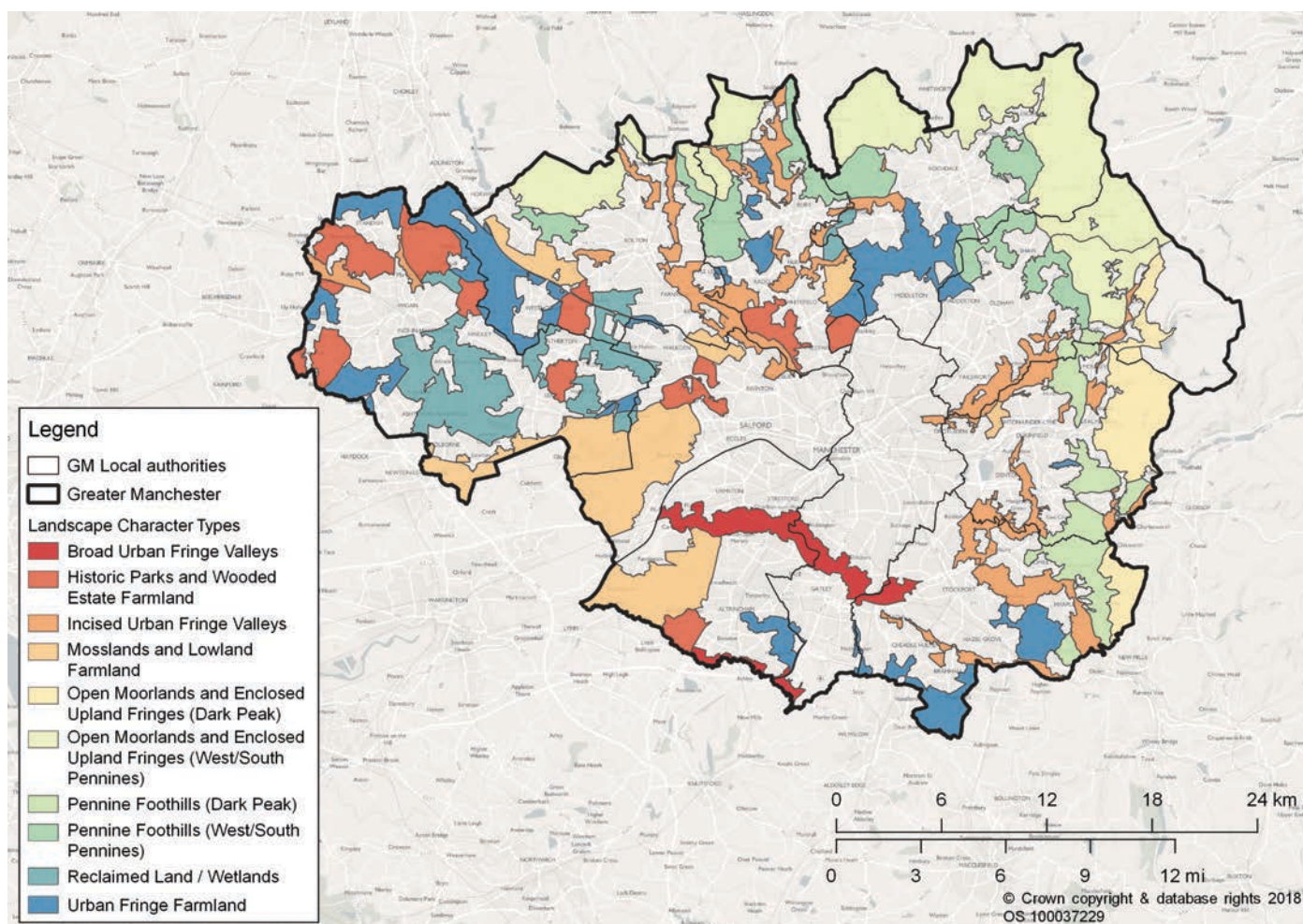


Figure 8.1 Landscape Character Types

Greater Manchester's Green Infrastructure Network

- 8.6** Green infrastructure⁽⁸⁸⁾ is a natural capital asset that provides multiple benefits, at a range of scales. For communities, these benefits can include enhanced wellbeing, outdoor recreation and access, enhanced biodiversity and landscapes, food and energy production, urban cooling, and the management of flood risk. These benefits are also known as ecosystem services.
- 8.7** The green infrastructure network in Greater Manchester is enormously diverse, both in terms of its character and functions. Each type of green infrastructure is important in its own right, adding to the distinctiveness of the local area and Greater Manchester as a whole. However, it is the combination of and interrelationships between them that is particularly significant.

88 See: <https://www.gov.uk/guidance/natural-environment>

- 8.8** Ensuring that there is a high quality network of green infrastructure is therefore vital to the long-term success, sustainability and resilience of Greater Manchester. Such a network should be:
- Extensive, maximising the size and spread of green infrastructure in a way that is compatible with meeting development requirements, with a particular need to increase the quantity of green infrastructure in the denser urban areas;
 - Integrated, maximising connections between the different components including into areas surrounding Greater Manchester and, importantly, into and through new development;
 - Multifunctional, providing multiple eco-system services whilst not detracting from important primary functions;
 - High quality, ensuring it is able to perform successfully its various functions; and
 - Accessible, enabling residents from across Greater Manchester and other visitors to appreciate its benefits in a way that does not lead to its degradation.
- 8.9** However, green infrastructure assets can come under pressure due to continued growth in the population, economic activity and number of visitors, as well as from higher temperatures and more extreme weather events which will result from climate change. The challenge for Greater Manchester is to find a way of accommodating the necessary scale of development to deliver inclusive growth and prosperity, whilst delivering overall improvements to the green infrastructure network.
- 8.10** Our existing valued landscapes and protected sites and areas constitute our best (priority) areas for green infrastructure and these sites and areas provide many social and economic benefits. But we also have to look beyond these areas and take action to extend and link these sites to form a Nature Recovery Network (NRN) for Greater Manchester.
- 8.11** On 14 August 2020, Greater Manchester was selected by the government to help kick-start nature recovery on a countrywide scale. The pilots will enable local authorities to set out their local priorities for restoring and linking up habitats so species can thrive, and agree the best places to help nature recover, plant trees, restore peatland, mitigate flood and fire risk, and create green spaces for local people to enjoy. GMCA is piloting and developing a Local Nature Recovery Strategy (LNRS), these will become mandatory and a statutory document under the Environment Bill and will identify priority actions for biodiversity and nature recovery across Greater Manchester, including the development of a NRN.
- 8.12** The map of biodiversity strategic priorities and opportunities which will underpin the Greater Manchester LNRS and the NRN will be developed as a first iteration, prior to engaging wider stakeholders in its further development. This has been provided for inclusion within the GMSF at this stage as part of the national pilot and will instruct the process to be undertaken in developing LNRSs and LNRs across the country and as such is following a stepped process and timeline designed by Defra to March 2021.

- 8.13** The map will provide for each habitat type an overview of priority activities required to support nature recovery across Greater Manchester and beyond the administrative boundary. It will include all areas, including urban areas, to identify key activities for habitat and green infrastructure creation and restoration needs for wildlife and the benefits they can provide for people through Natural Capital benefits. As part of the development process for a LNRs, GMCA, working with Natural England, GMEU and wider Natural Capital Group partners, will be engaging wider stakeholders, sectors and interest groups in the development of the Strategy, the identification of priorities and the mechanisms for delivering these priority actions.
- 8.14** The Environment Bill being considered by Parliament goes even further – requiring all areas in England to establish LNRs. This will help bring a broad range of groups together – from farmers to businesses to local communities – to deliver priorities for nature recovery at a local and national level. The pilots will also help kick-start the creation of over a million acres of habitats for wildlife.
- 8.15** As the overall green infrastructure network evolves, it will be identified in the most relevant information source, including green infrastructure plans, LNRs and MappingGM.

Policy GM-G 2

Green Infrastructure Network

A strategic approach will be taken to the protection, management and enhancement of Greater Manchester's Green Infrastructure in order to protect and enhance the ecosystem services which Green Infrastructure provides, including flood management, climate change mitigation and adaptation. Alongside this primary function an enhanced Green Infrastructure network will support wider public health benefits, including promotion of active travel, food growing and recreational opportunities.

The protection, management and enhancement of Green Infrastructure will contribute to the development of a Nature Recovery Network for Greater Manchester.

The following opportunity areas (as broadly illustrated on Figure 8.4 'Green Infrastructure Opportunity Areas') are identified as having particular potential for delivering improvements to the Greater Manchester green infrastructure network:

- a. Greater Manchester Wetlands Nature Improvement Area (Salford and Wigan with connections to Warrington);
- b. Croal-Irwell Valley (Bolton, Bury, Manchester and Salford with connections to Blackburn-with-Darwen and Rossendale);
- c. South Pennine Moors (Oldham, Rochdale and Tameside with connections to Calderdale, Kirklees and High Peak);

- d. West Pennine Moors (Bolton and Bury with connections to Blackburn-with-Darwen and Chorley);
- e. Mersey Valley (Manchester, Stockport and Trafford with connections to High Peak and Cheshire East);
- f. Red Moss and Middle Brook Valley (Bolton);
- g. Hulton Park (Bolton);
- h. Cutacre Country Park (Bolton, Salford and Wigan);
- i. Lower Medlock Valley (Manchester);
- j. Moston Brook Corridor (Manchester and Oldham);
- k. Roch Valley (Rochdale);
- l. Hollingworth Lake and Surrounds (Rochdale); and
- m. Carrington (Trafford)

Development within and around the Green Infrastructure Network should be consistent with delivering major green infrastructure improvements within them and should contribute to improvements. Where Green Infrastructure Opportunity Areas overlap or are in close proximity to development allocations proposed in this plan appropriate measures to achieve this have been included. Further opportunities for delivering strategic green infrastructure enhancements and additional opportunities will be identified in the appropriate source(s) over time as the overall green infrastructure network evolves.

Wherever practicable, opportunities to integrate new and existing green infrastructure into new development will be taken to protect, enhance and expand the green infrastructure network in accordance with the above priorities. Where new or improved green infrastructure is delivered as part of a development, the developer should make appropriate provision for its long term management and maintenance.

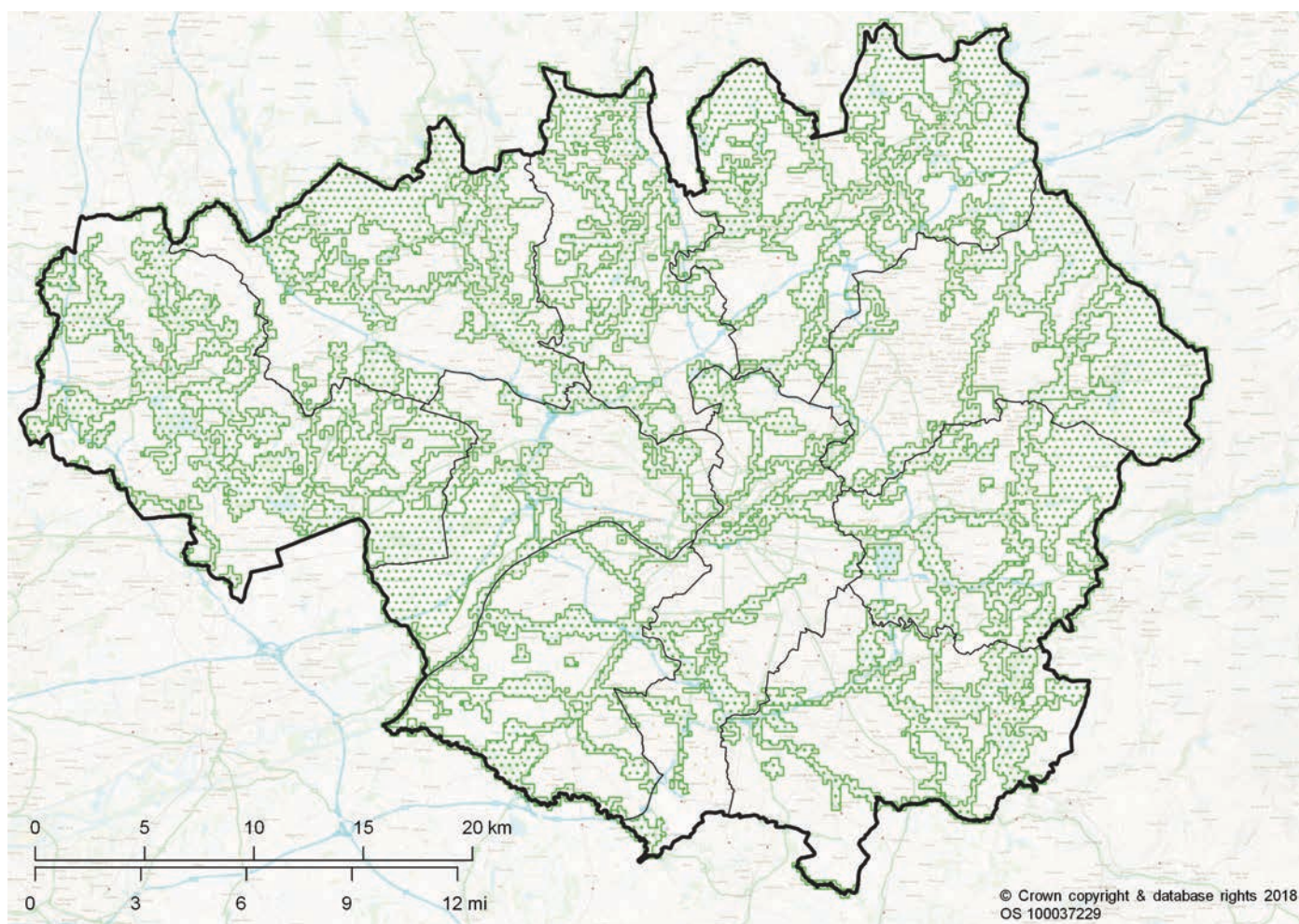


Figure 8.2 Priority green infrastructure

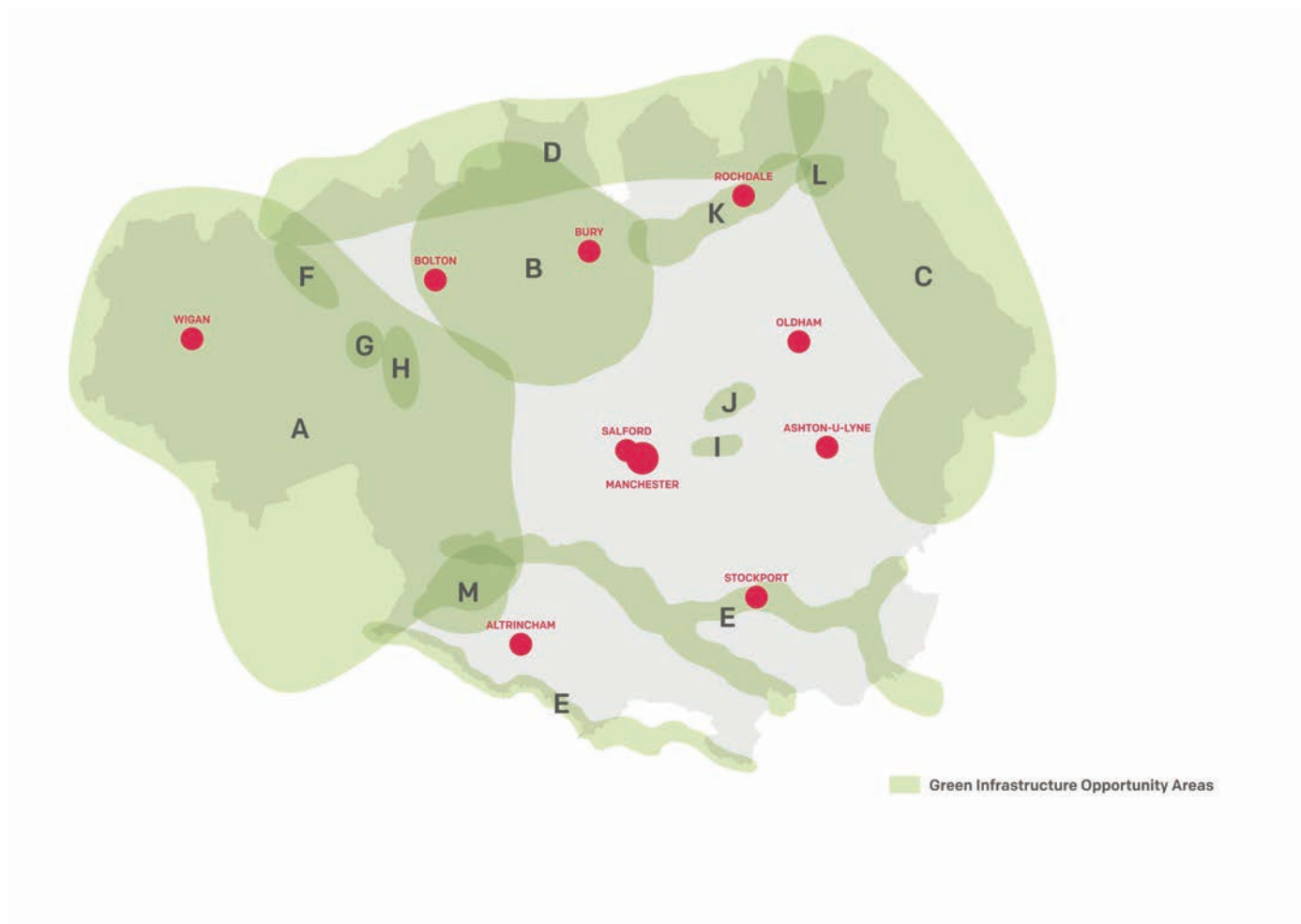


Figure 8.3 Green Infrastructure Opportunity Areas

Key Elements of the Green Infrastructure Network

- 8.16** The green infrastructure network within Greater Manchester is enormously diverse, both in terms of the type and character of features and the various functions that they perform. At a broad level, Greater Manchester's priority green infrastructure can be split into different character areas, although these are not completely discrete and there is some overlap between them:
- River valleys and waterways
 - Lowland wetlands and mosslands
 - Uplands
 - Urban green spaces
- 8.17** Trees and woodland are further vital elements of the green infrastructure network, permeating through these broad areas and often appearing as key features within them.

- 8.18** Each type of green infrastructure is important in its own right, adding to the distinctiveness of the local area and Greater Manchester as a whole. However, it is the combination of, and interrelationships between, them that is particularly significant. Views between the various elements are a key part of the character of the area, and collectively they enable the movement of species throughout the sub-region and beyond. Although this categorisation helps to understand the overall network, it should also be recognised that there are considerable differences within as well as between them. These broad areas are complemented by other green infrastructure features especially within urban areas, such as gardens, ponds, green roofs and verges.

River Valleys and Waterways

- 8.19** There are over 2400 km⁽⁸⁹⁾ of river valleys within Greater Manchester, in addition to over 150 km of canals, which form a central component of the landscape, making a major contribution to biodiversity, geodiversity, wider green infrastructure, local identity, the sense of place and heritage.
- 8.20** In urban centres they have a significant role for generating and sustaining economic growth as well as providing a unique opportunity to contribute to the quality of the local natural environment. They also provide critical ecosystem services in reducing the urban heat island effect and mitigating air pollution, particularly when reinforced by planting.
- 8.21** River valleys and canals are vital components of the wider network of habitats, transport routes and recreation/tourism opportunities, and their long term management is essential to provide benefits to flood risk, water quality, climate change adaptation, wildlife and creating attractive healthy environments for people to live. They provide important corridors of semi-natural habitats and natural green space, with open grassland, woodland and wetland, linking urban centres with open countryside and connecting other strategically important areas such as the uplands and lowlands. As such, river valleys and canals will form an important part of a Nature Recovery Network for Greater Manchester.
- 8.22** In Greater Manchester the river valleys are a complex network and cover a number of catchments including the Mersey, Irwell, Roch, Tame and Bollin. These flow from the Pennine moors to the East and North, and the Peak District to the South-East, across the conurbation and into the lower-lying areas of the South and West. The Douglas also covers the West of Greater Manchester and flows North into the Ribble Estuary (Lancashire).
- 8.23** New development must be designed to ensure river corridors and their associated habitats are integrated within development and enhanced wherever possible, ensuring they are managed sustainably in the long term and opportunities to address Water Framework Directive failures are considered. This in turn will provide high quality and attractive environments, achieve additional economic benefits (through multifunctional ecosystem services and land value capture) whilst ensuring there is increased resilience to future climate change pressures and an overall improvement in biodiversity.

89 Source: Environment Agency

- 8.24** The North West River Basin Management Plan⁽⁹⁰⁾, required under the Water Framework Directive⁽⁹¹⁾, and implemented through UK legislation⁽⁹²⁾, provides the statutory framework for protecting and enhancing the benefits provided by the water environment. Catchment Partnerships are also responsible for preparing catchment plans to help achieve a coordinated approach to Water Framework Directive delivery and embedding the catchment based approach.

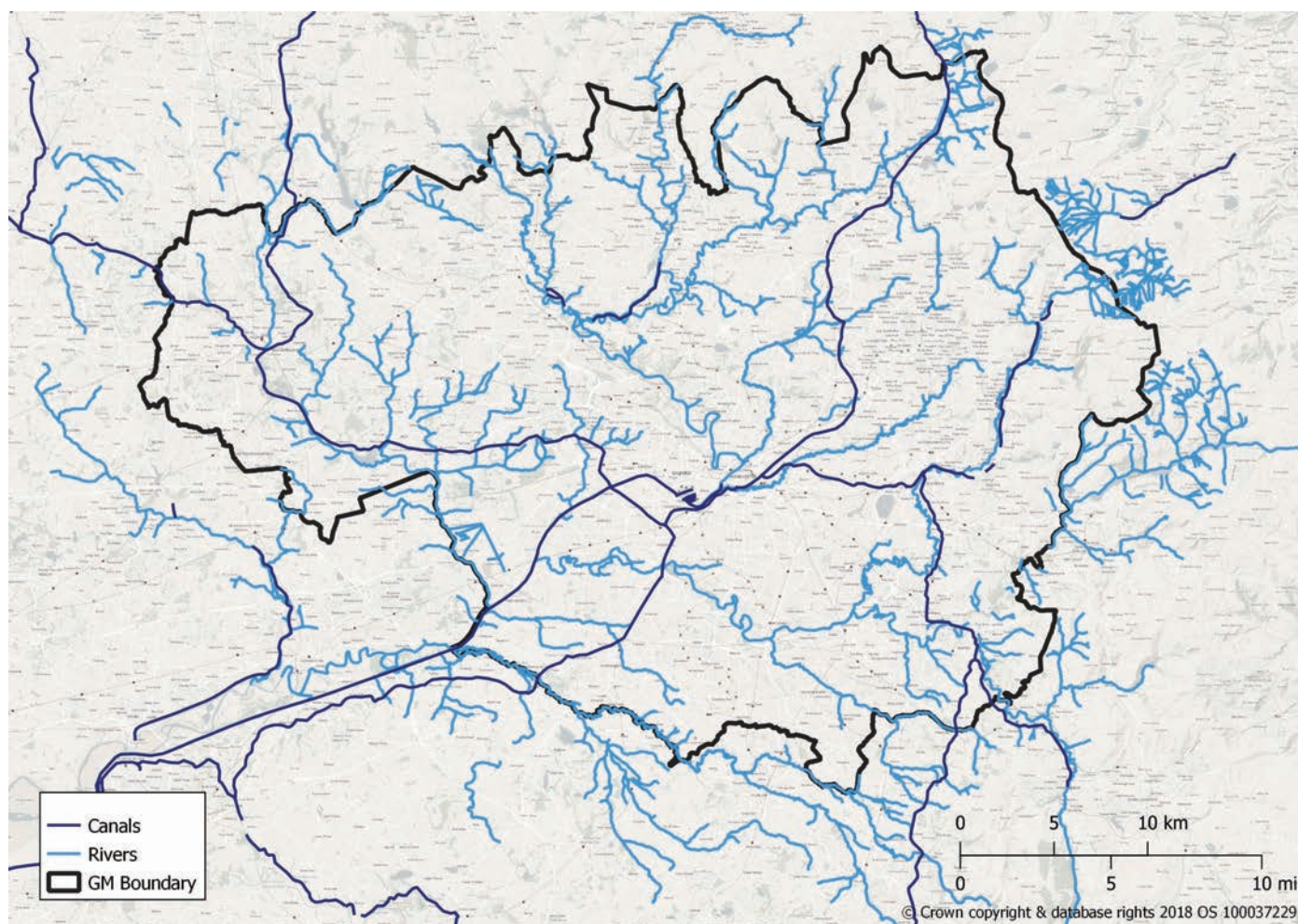


Figure 8.4 Greater Manchester's river and canal networks

- 8.25** Greater Manchester Combined Authority is also a key partner on the EU Life Integrated Project known as 'Natural Course'.⁽⁹³⁾ This covers the North West River Basin Management Catchment, and has a primary focus on the Irwell Catchment. Natural Course is seeking to develop a collaborative approach to integrated water management and the enhancement of the many benefits that our rivers provide. A key objective of Natural Course is to identify and innovative and cost effective solutions to a range of water management issues and

90 <https://www.gov.uk/government/collections/river-basin-management-plans-2015>

91 http://ec.europa.eu/environment/water/water-framework/index_en.html

92 <https://www.legislation.gov.uk/uksi/2017/407/contents/made>

93 <http://naturalcourse.co.uk/>

where possible use a natural capital approach to help deliver multiple objectives. A recent study of the ecosystem benefits from the natural environment alongside the Irwell's rivers has an existing natural capital value of £418 million per year.⁽⁹⁴⁾ The GMSF has an important role as part of this to ensure that any future development has a positive impact on the water environment and these ecosystem services are enhanced where possible.

Policy GM-G 3

River Valleys and Waterways

River valleys and waterways will be protected and improved as central components of Greater Manchester's green infrastructure network and a vital part of a Nature Recovery Network, making a major contribution to local identity, quality of life and the natural environment.

In making planning decisions and carrying out other associated activities, Greater Manchester's authorities will seek to deliver the following priorities:

1. Retain the remaining open character of the river valleys, avoiding their fragmentation and prominent development on valley edges;
2. Promote public enjoyment of the river valleys, including as key features connecting urban areas to the countryside, providing opportunities for active travel, and enhance their high recreational value as green fingers through densely populated areas;
3. Protect and enhance the mosaic of semi-natural habitats, including: riparian (waterside), clough, broadleaved and ancient woodland; wet and semi-natural grassland; meadow; and lakes and ponds;
4. Retain existing pockets of relative tranquillity and seclusion, especially within the more tightly enclosed and wooded valleys;
5. Reduce flood risk, through Natural Flood Management (NFM), including careful land management and a catchment-wide approach;
6. Improve water quality, including through land decontamination and the management of diffuse pollution from industry and agriculture;
7. Return rivers to a more natural state where practicable, including through deculverting and the re-naturalisation of river banks and flood plains;
8. Increase the use of canals and watercourses for active travel, with improved and extended rights of way alongside the water providing walking and cycling routes for both recreation and commuting, thereby increasing access to natural green space; and

94 TEP/Vivid Economics Irwell Ecosystem Services Opportunity Mapping (2018) - see <https://naturalcourse.co.uk/2018/04/23/irwell-management-catchment-natural-capital-account-and-ecosystem-services-opportunities-mapping/>

9. Ensure that development relates positively to nearby rivers and other waterways, taking advantage of opportunities to integrate green infrastructure through:
 - a. High quality frontages to the water; and
 - b. Public realm alongside the water for both recreation use and maintenance access.

Lowland Wetlands and Mosslands

- 8.26** Lowland wetlands and mosslands cover substantial areas within Wigan, west Salford and south-west Trafford, where they form part of the Great Manchester Wetlands Nature Improvement Area which extends into Warrington and measures around 40,000 hectares in total. There are also smaller lowland wetland and mossland areas in other parts of the sub-region, including Clifton Moss in Salford, Red Moss in Bolton, Unsworth Moss in Bury, and Ashton Moss in Tameside. All of these areas have significant green infrastructure functionality, and are significant in terms of their biodiversity and geodiversity resources.
- 8.27** The area includes a range of internationally, nationally and locally designated nature conservation sites and is covered by the Great Manchester Wetlands Nature Improvement Area which aims to create an essential network of wildlife corridors, linking biodiversity across the landscape and allowing wetland habitats to thrive and survive.⁽⁹⁵⁾ The area will form an important part of the Nature Recovery Network for Greater Manchester. Although it has a rich variety of habitats, existing conservation sites are often poorly connected, and there are large parts of the area where the landscape is degraded. Habitat enhancement and reinstatement could deliver considerable ecological benefits, as well as providing a large-scale recreation resource that could make a significant contribution to the health and quality of life of residents. Landscape enhancements would also support other objectives such as improving water quality, mitigating flood risk and reducing soil erosion.
- 8.28** The mosslands were originally typified by lowland raised bog, which supports a unique range of wildlife. Peat cutting and agriculture have left only small areas of undamaged peat deposits, and lowland raised bog is now one of Western Europe's rarest and most threatened habitats. Several restoration projects are underway within Greater Manchester, which will not only have major nature conservation benefits, but could also make a considerable contribution to carbon targets, reducing a significant source of emissions and locking in additional carbon. Within Wigan in particular, extensive valuable wetland habitats have formed on many former industrial sites where undermining has resulted in the formation of subsidence flashes and ponds. A mixture of pasture and arable cultivation is found in farmed areas surrounding the wetlands and active mossland, taking advantage of the productive peaty soils.

95 <https://www.lancswt.org.uk/greatmanchesterwetlands>

- 8.29** The restored industrial landscapes of the wetlands, such as the flashes in Wigan, provide an important recreational resource. There is also a network of public footpaths and long-distance walking and cycling routes, but access to large parts of the landscape is very limited. The Heritage Lottery funded Carbon Landscape project, which also extends through Warrington to incorporate the Mersey Wetlands Corridor, is seeking to reconnect people to the landscapes and raise awareness within local communities of these amazing wild oases on their doorstep, including through a Carbon Trail that will link them together.⁽⁹⁶⁾
- 8.30** The importance of the habitats and wider landscape means that there is a strong emphasis in the GMSF on their retention and improvement, and the majority of these areas will see little or no development. Some sections of undeveloped mossland, however, are considered appropriate for future development as they are well-located to make a notable contribution to delivering more balanced and inclusive growth. Such areas will only be developed where they are shown to be of limited ecological value and the development can be delivered without compromising the green infrastructure role of the wider area.

Policy GM-G 4

Lowland Wetlands and Mosslands

The distinctive flat, open landscape and network of habitats of ecologically valuable lowland wetlands and mosslands will be protected, enhanced and restored, with a strong emphasis on reconnecting local communities to the natural and historic environments.

In making planning decisions and carrying out other associated activities, Greater Manchester's authorities will seek to deliver the following priorities:

1. Maintain and enhance the extensive and varied mosaic of semi-natural habitats including brooks, ditches, open water bodies, bog, fen, swamp, flashes, ponds, wet and broadleaved woodland, and grassland;
2. Manage and restore the remnant pockets of lowland raised bog, including through restoration from farmland, significantly expanding and connecting the areas of active bog to contribute to important functions such as flood risk management and carbon sequestration;
3. Positively manage land adjacent to lowland raised bog and other sensitive wetland habitats in a complementary and coordinated manner, ensuring that their hydrology is not adversely affected and the water table is restored;
4. Increase features that act as stepping stones for wildlife moving through the area, such as field ponds, hedgerows and trees, and minimise barriers to movement;
5. Removal of derelict structures and the remediation of land where it is beneficial to green infrastructure provision and there is no historic value in their retention; and

96 <https://carbonlandscape.org.uk/>

6. Expand public access across the area considerably, including through the creation of new circular routes, and enhance recreation and active travel opportunities.

Uplands

- 8.31 Greater Manchester's uplands extend around the northern and eastern edges of the conurbation, through Bolton, Bury, Rochdale, Oldham, Tameside and Stockport. The area includes parts of the West and Southern Pennines and the Dark Peak, and sits within a much larger moorland landscape stretching eastwards into the Peak District National Park and northwards into Lancashire. As a result, cross-boundary working with local authorities outside Greater Manchester is required to address the issues affecting the uplands.
- 8.32 The uplands and features within them are widely visible from across Greater Manchester, providing a strong sense of place and orientation. The intense rural character and sense of isolation of the uplands, particularly on the unenclosed moorland, contrasts with the extensive urban area below, of which there are spectacular panoramic views. This is complemented by the industrial architecture and archaeology throughout the uplands, including mill ponds, narrow winding lanes, disused quarries and coal-mining relics. Gritstone is a distinctive unifying feature of the dry stone walls and limited built development.
- 8.33 The importance of the mosaic of moorland habitats is reflected in a range of international, national and local designations, including parts of the large South Pennine Moors Special Area of Conservation and Special Protection Area. These habitats support important breeding bird populations. The peat soils of the uplands store significant volumes of carbon, but extensive areas are degraded. Habitat restoration, particularly of blanket bog, but also other wetland habitats and woodland, will be important for addressing multiple green infrastructure priorities such as sequestering carbon from the atmosphere, minimising flood risk, reducing soil erosion, improving water quality, combating the heat island effect of Greater Manchester and enhancing biodiversity. However, such restoration may have future land use implications, for example by requiring the re-wetting of moorland and/or the blocking of drainage ditches.
- 8.34 The uplands provide a sense of inspiration and escapism, offering important opportunities for outdoor recreation which can make a considerable contribution to health and wellbeing. There are large areas of Open Access Land, several long-distance trails, and reservoirs that form popular visitor destinations. Enabling more people to enjoy the distinctive character of the uplands will help to increase the attractiveness of Greater Manchester as a place to live and visit, and generate local economic benefits, but this will need to be balanced with the pressures that increased access brings.
- 8.35 The distinctive character, sensitivity and visual prominence of the uplands mean that any development will need to be of a small scale and carefully located and designed. Consequently, it has been assumed that very little development will take place within the

area, and the uplands will make a negligible contribution to future housing and employment land supply during the plan period. In particular, no land is proposed to be removed from the Green Belt for development within the uplands.

Policy GM-G 5

Uplands

Greater Manchester's upland areas contain important component parts of the green infrastructure network, including significant areas of blanket bog priority habitat, Sites of Biological Importance (SBIs), Sites of Special Scientific Interest (SSSIs), Special Areas of Conservation (SACs), Special Protection Areas (SPAs), woodlands and habitats vulnerable to climate change. In making planning decision and carrying out other associated activities, Greater Manchester's authorities will seek to:

1. Integrate any new development into the landscape by utilising existing tree/woodland cover and dips in the landform, and adopting the unifying gritstone vernacular where possible;
2. Enhance the full range of upland habitats as part of an ecologically connected network, including heather moorland, blanket bog, meadows, acid grassland, native woods, and healthy watercourses;
3. Significantly extend the area of active blanket bog, both through the protection of existing sites and the positive restoration of degraded areas to contribute to important functions such as flood risk management and carbon sequestration;
4. Protect and naturally regenerate clough woodland, providing a natural connection between the uplands, foothills and lowlands;
5. Increase the role of the area in water storage, flood risk management (through Natural Flood Management) and water quality improvements, as part of a catchment-based approach; and
6. Enable more people to enjoy the distinctive character of the uplands in sustainable ways which balance the pressures that increased access brings with the physical and mental health benefits that this landscape offers.

Urban Green Space

- 8.36** Whilst Greater Manchester's extensive areas of open countryside are enormously important, the conurbation's urban green spaces are of greater significance to many residents on a day-to-day basis and are the areas with which they have greatest contact. These places have most value to people at a local level. Whilst always functioning as green infrastructure, urban green spaces are not always natural, often containing formal or informal recreational facilities such as playgrounds and sports pitches. These are covered in more detail in Policy GM-E 7 'Sport and Recreation'.

- 8.37** Urban green infrastructure includes parks, playing fields and other sports and recreation facilities, but they also include nature reserves, woodlands, allotments, cemeteries, former rail corridors, and other undeveloped land. Urban green spaces can therefore have widely differing characteristics and values placed upon them. In addition to these valuable green spaces, other types of green infrastructure are also found within the urban area, such as residential gardens, street trees and green roofs.
- 8.38** Urban green spaces are essential to the liveability of urban areas, making a vital contribution to mental and physical health, and more generally to the overall quality of life. They can offer a moment of tranquillity within a busy area, and provide people with opportunities for recreation, social interaction, and to connect with nature. They often form part of the network of green transport routes, supporting more walking and cycling and less car use.
- 8.39** Significantly, they will become increasingly important as a result of climate change, helping to cool overheating urban areas, manage flood risk and enable wildlife to adapt. Other important environmental functions include the ability to mitigate air pollution and help manage water quality. They can be particularly vital for children, providing places to play and opportunities for outdoor learning. They can also help bring communities together, providing places for events and opportunities for community food-growing projects. Urban green space is therefore essential for the environmental and social wellbeing of Greater Manchester but it also makes a major contribution to economic growth and securing investment. Urban green infrastructure will form a vital part of a Nature Recovery Network for Greater Manchester.
- 8.40** Urban green spaces are often a key part of the character and history of the local area. Some are important heritage assets in their own right, recognised by national or local designations, or provide the setting for them. They are a central element in understanding the story of a place, and several have wider historical and social significance.
- 8.41** The national Monitor of Engagement with the Natural Environment survey suggests that two-thirds of all visits to the natural environment in England are within 2 miles of home, and two-fifths are within 1 mile.⁽⁹⁷⁾ Access to these smaller green spaces at short distances is therefore important to deliver the health, wellbeing and other benefits that result from visiting the natural environment. However, less than half of Greater Manchester residents currently live within 300 metres of an accessible natural green space of at least 2 hectares in area. The places of greatest deficiency tend to be the more densely developed urban areas. Part of the overall strategy is to make best use of previously-developed land in order to reduce the need for developing greenfield (not previously-developed) sites but this can only result in quality places if it is accompanied by considerable improvements in the accessibility, quality and functionality of green space, particularly in higher density urban locations.

97 March 2015 to February 2016 - www.gov.uk/government/collections/monitor-of-engagement-with-the-natural-environment-survey-purpose-and-results

Policy GM-G 6

Urban Green Space

To ensure there is an appropriate scale, type, quality and distribution of accessible urban green space across Greater Manchester that can support a high quality of life and other important green infrastructure functions:

- existing urban green space will be protected and enhanced in balance with other considerations; and
- the GMCA and districts will work with developers and other stakeholders to deliver new high quality urban green spaces which meet accessibility standards.

Development should be designed to support the positive use of nearby green spaces, such as by offering a high quality setting, providing natural surveillance, and facilitating easy access by walking and cycling.

Trees and Woodland

- 8.42** Trees and woodland are extremely important components of Greater Manchester's green infrastructure network, fulfilling a very wide range of functions including sequestering and storing carbon, enhancing biodiversity, providing access to nature, managing water, air, soil and noise pollution, reducing flood risk, stabilising land, reducing soil erosion, strengthening landscape character, and providing shade and cooling to combat high temperatures. For example, woodlands can slow the flow of water, increase infiltration, stabilise river beds and banks, and intercept pollutants, all of which will help to achieve North West River Basin Management Plan objectives. Trees in the urban environment can soften otherwise harsh environments, filter wind and humanise the scale of tall buildings, creating pleasant public spaces at street level. Trees also play a major role within the urban environment, softening otherwise harsh environments, filtering wind and providing contrast to the scale of tall buildings, creating pleasant public spaces at street level.
- 8.43** Greater Manchester's woodlands vary in character, from upland oak woods to wet woodland, and from ancient broadleaved woodland to plantation and young woodland. Many important woodlands in Greater Manchester have been designated for their nature conservation interest. Trees and woodland are often important features within areas of priority green infrastructure (see Policy GM-G 2 'Green Infrastructure Network') and within the other key parts of the green infrastructure network specifically identified within the GMSF (see Policy GM-G 3 'River Valleys and Waterways', Policy GM-G 4 'Lowland Wetlands and Mosslands' and Policy GM-G 5 'Uplands').

- 8.44** Impressive efforts have been made over the past three decades to increase tree cover and the results of this are starting to take effect⁽⁹⁸⁾ and these efforts are now being brought together under the Greater Manchester Tree and Woodland Strategy, being prepared on behalf of Greater Manchester by the City of Trees initiative⁽⁹⁹⁾, with the intention of being formally adopted as guidance which can inform planning decisions. Maturing woodlands provide significant areas of Greater Manchester with a character that now appears greener and much less grey than in the past, but there is considerable scope to secure further improvements across a much wider area. Currently around 15.7% of Greater Manchester is beneath tree canopy.⁽¹⁰⁰⁾ The City of Trees initiative identifies a target to plant one tree for every resident in Greater Manchester with the aspiration of raising Greater Manchester's level of tree cover to at least the national average and this would have major environmental, social and economic benefits that would support implementation of the GMSF. It would also contribute to the broader Northern Forest project stretching from Liverpool to Hull, which aims to address the North's low level of woodland cover and support an increase in tourism by planting 50 million trees over the next 25 years.
- 8.45** Whilst new planting will be essential, it will also be important to protect and enhance existing trees and woodland, especially within or close to urban areas where they make a major contribution to quality of life. Expanding and connecting areas of woodland would help to make them more resilient to external threats such as climate change and will be essential in the development of a Nature Recovery Network.
- 8.46** The following policy incorporates the Woodland Trust's woodland access standards which provide a target for improving public access to woodland. There will be some parts of Greater Manchester where fully achieving the standards will not be possible, for example due to existing land uses or the presence of other priority habitats, but the standards provide a relevant guide and aim.

Policy GM-G 7

Trees and Woodland

In making planning decisions and carrying out other associated activities, Greater Manchester's authorities will work to deliver the aims and objectives of the Greater Manchester Tree and Woodland Strategy, aiming to significantly increase tree cover, protect and enhance woodland, and connect people to the trees and woodland around them, including by:

1. Protecting and expanding the mosaic of woodland habitats, linking fragmented areas of woodland, in particular wooded cloughs and pockets of ancient and riverside (riparian) woodland;

98 <http://www.cityoftrees.org.uk/timeline>

99 (<http://www.cityoftrees.org.uk/>)

100 See www.cityoftrees.org.uk/news/largest-i-tree-eco-survey-uk-highlights-%C2%A333million-annual-value-greater-manchester%E2%80%99s-trees

2. Encourage habitat diversity through conserving and managing existing woodland and trees that are of heritage, cultural and/or aesthetic value, including ancient woodland and veteran trees;
3. Aiming to plant a tree for every resident in Greater Manchester over the next 25 years as part of the City of Trees initiative;
4. Targeting tree-planting at the areas of greatest need where the green infrastructure benefits can be maximised, whilst avoiding the loss of, or harm to, other priority habitats, including encouraging woodland planting schemes on areas of low grade agricultural land and land in need of remediation;
5. Establishing a new City Forest Park in Salford, Bolton and Bury, which will provide a vast urban forest close to the City Centre;
6. Considerably increasing the provision of street trees within urban areas;
7. Promoting the provision of community orchards to increase fruit consumption;
8. Promoting the opportunity for woodland conservation to raise awareness for the sustainable use of timber;
9. Securing a diversification of broadleaved species, in order to increase biodiversity and disease resilience;
10. Improving public access to woodland and trees particularly by sustainable travel models to capture the health and wellbeing benefits whilst managing the associated pressures;
11. Encouraging the positive management of woodland to bring it into a more productive state, improve habitat diversity, and more effectively contribute to important green infrastructure functions such as flood risk management, urban cooling and carbon storage/sequestration;
12. Where development would result in the loss of existing trees, requiring replacement on the basis of two new trees for each tree lost, with a preference for on-site provision; and
13. Protecting trees and woodland during the construction phase of development.

Standards for a Greener Greater Manchester

- 8.47** The use of defined standards can help to ensure that there is sufficient quantity and quality of green infrastructure to meet the needs of residents and to deliver the overall green infrastructure network described in Policy GM-G 2 'Green Infrastructure Network'. A variety

of standards have been developed by different organisations. Greater Manchester is committed to developing its own standards and in doing so will have regard to whichever of these are most relevant and will provide appropriate supporting guidance as they develop.

Policy GM-G 8

Standards for a Greener Greater Manchester

Greater Manchester will develop standards in relation to:

- **Access to natural green space**, which seek to maximise the overall proportion of people across Greater Manchester who have access to natural green space. The Accessible Natural Greenspace Standards (ANGSt) published by Natural England will provide the principal starting point as their focus on ensuring good accessibility to different sizes of green space for all residents make them an appropriate approach at a sub-regional level. More detailed standards regarding specific habitats, designations, quality or functions of green space may be set out in district local plans, taking account of local circumstances and opportunities.
- **A Greater Manchester “Green Factor”**, which sets out the level of on-site green infrastructure that new developments are expected to provide so as to meet their occupants' needs and contribute to the extent and interconnectedness of the wider network. The Green Factor will provide a baseline expectation based on the proportion of the site that is covered by different types of green infrastructure features.

Development has a major role in helping to achieve such standards, both through on-site provision of green infrastructure and the creation or improvement of off-site green infrastructure. The site allocations in the GMSF provide opportunities to incorporate major areas of new accessible green infrastructure, delivering overall net gains in green infrastructure value to the benefit of local communities even if the quantity in that particular location may reduce. The way in which existing built areas have developed over time means that it will not be realistically possible to meet all of the standards in all parts of Greater Manchester but they are an important aspiration to work towards wherever possible.

Biodiversity and Geodiversity

- 8.48** Biodiversity (the variety of living organisms) and geodiversity (the range of rocks, minerals, fossils, soils and landforms) underpin the value of the natural environment and its ability to provide a wide range of important benefits, including supporting human health and quality of life. Achieving a major net enhancement of biodiversity value across Greater Manchester, and improving access to nature, are key priorities for the sub-region and central components of the wider approach to green infrastructure and the natural environment.

- 8.49** Greater Manchester contains a wide range of important sites designated for their high nature conservation value, including the internationally designated South Pennine Moors, Rochdale Canal and the Manchester Mosses, 23 nationally designated Sites of Special Scientific Interest, and over 500 locally designated Sites of Biological Importance and Regionally Important Geological Sites.
- 8.50** The effective conservation of biodiversity will require more than simply the protection of existing designated sites and priority habitats, particularly given the scale of development proposed in the GMSF. A wider strategy for Nature Recovery is needed, including habitat restoration and creation, and the transformation of broad landscape areas into a diverse Nature Recovery Network.
- 8.51** A large area in the west of the sub-region extending into Warrington has been designated as the Great Manchester Wetlands Nature Improvement Area (NIA). This area is dominated by the lowland wetlands (see Policy GM-G 4 'Lowland Wetlands and Mosslands'), and seeks to take a landscape-scale approach to ecological enhancement. The NIA will be integrated into a wider Nature Recovery Network for Greater Manchester.
- 8.52** If the overall aims of a major net enhancement of biodiversity value across Greater Manchester and improved access to nature are to be achieved then all new development will have to play its part, each delivering a net gain in biodiversity. This could involve the protection and improvement of existing habitats, the creation of new ones, and/or the strengthening of connections between them. Recognised metrics will be applied to new development proposals to calculate and demonstrate a measurable net gain in biodiversity of no less than 10%.

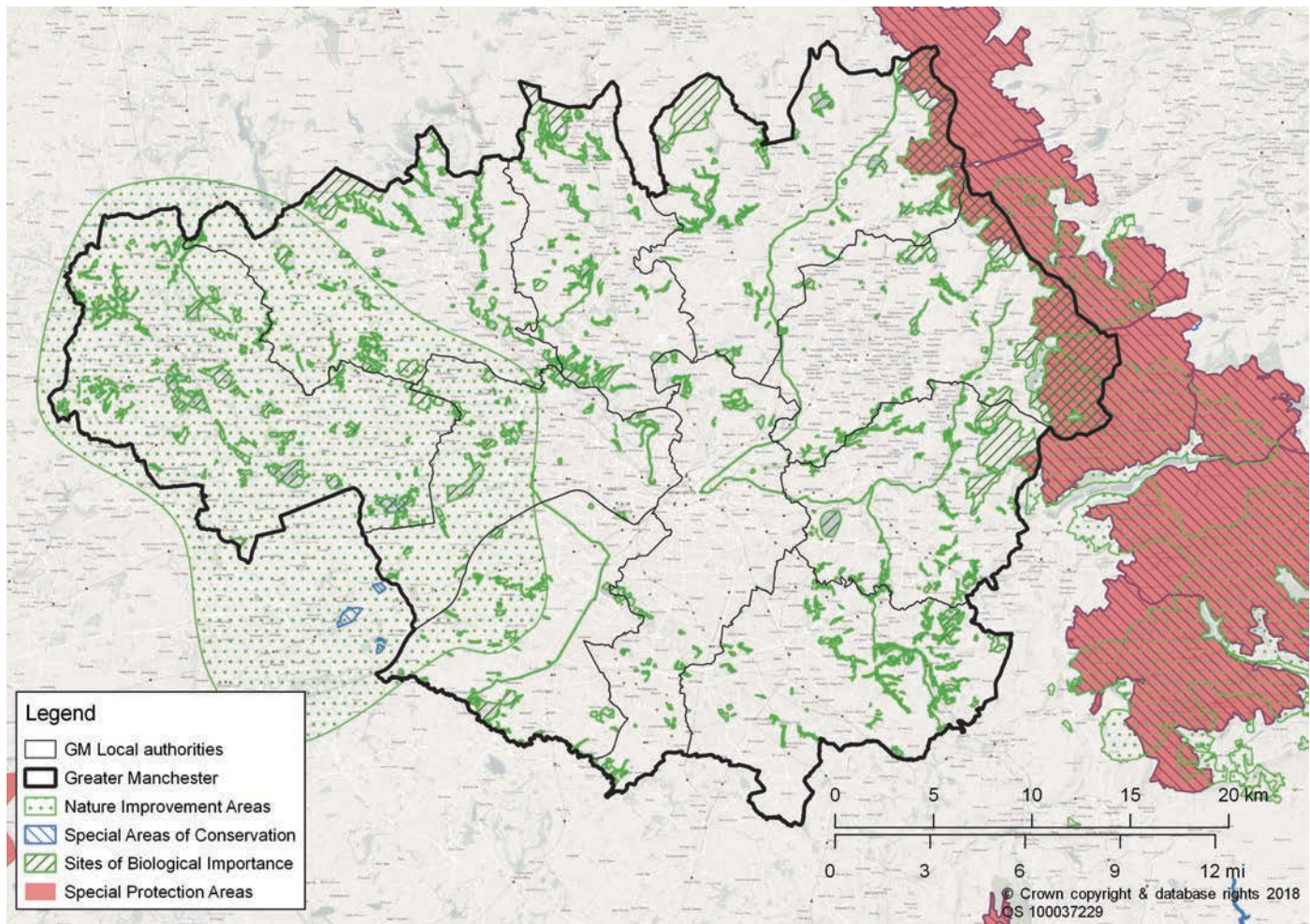


Figure 8.5 Designated wildlife sites in Greater Manchester

8.53 Agricultural land is also of significance in the safeguarding of soil resources, with 'best and most versatile' land⁽¹⁰¹⁾ safeguarded because of its long-term potential for delivering both food and non-food crops. Soils in Greater Manchester are, however, significant for more than their agricultural value with extensive uplands and lowland areas characterised by deep peaty soils, which have a high environmental value and are identified as a priority in the Government's 25-year environment plan.⁽¹⁰²⁾ Over half of the UK's soil carbon store is contained in peat soils.⁽¹⁰³⁾ Development will ordinarily be directed away from valuable soils and the GMSF's strong preference for brownfield development will assist in this. However, given the overall scale of development that needs to be accommodated, a limited amount of development on high grade agricultural land is necessary as it is critical to the delivery of wider development proposals.

101 Grades 1, 2 and 3a within the Agricultural Land Classification, see <http://publications.naturalengland.org.uk/publication/35012>

102 HM Government (2018) *A Green Future: Our 25 Year Plan to Improve the Environment*, see <https://www.gov.uk/government/publications/25-year-environment-plan>

103 Defra (2009) *Safeguarding our Soils: A Strategy for England*, paragraph 12, see <https://www.gov.uk/government/publications/safeguarding-our-soils-a-strategy-for-england>

Policy GM-G 9

A Net Enhancement of Biodiversity and Geodiversity

Across the plan as a whole, a net enhancement of biodiversity resources will be sought, including by:

1. Increasing the quality, quantity, extent and diversity of habitats, particularly priority habitats identified in national or local biodiversity action plans and those that support priority species;
2. Improving connections between habitats, to protect and enhance the provision of corridors, ecological networks (including Nature Recovery Networks) and stepping stones that enable the movement of species, especially as the climate changes;
3. Enhancing the management of existing habitats, including through habitat restoration, avoiding habitat fragmentation and combating invasive species;
4. Protecting sites designated for their nature conservation and/or geological importance, with the highest level of protection given to international and then national designations in accordance with legislation and national policy;
5. Facilitating greater access to nature, particularly within urban areas;
6. Supporting the development and implementation of the Greater Manchester Wetlands Nature Recovery Network; and
7. Safeguarding, restoring and sustainably managing Greater Manchester's most valuable soil resources, tackling soil degradation/erosion and recovering soil fertility, particularly to ensure protection of peat-based soils and safeguard 'best and most versatile' agricultural land.

Development will be expected to:

- a. Follow the mitigation hierarchy of:
 - i. Avoiding harm to biodiversity, particularly where it is irreplaceable, and including consideration of alternative sites where appropriate, then
 - ii. Mitigating (within the local area) any harm to biodiversity, then
 - iii. Compensating (within the local area) for any remaining harm to biodiversity
- b. Avoid fragmenting or severing connectivity between habitats;
- c. Achieve a net gain in biodiversity

- d. Make appropriate provision for long-term management of habitats and geological features connected to the development; and
- e. Provide robust evidence in accordance with relevant government and other guidance, including field surveys wherever development of 'best and most versatile' agricultural land is proposed or to establish the status of the land within the Agricultural Land Classification system.

Whilst off-site habitat enhancement and creation required as part of the mitigation hierarchy (or to achieve a measurable net gain in biodiversity of no less than 10%) should be local to the site regard should be had to supporting strategic biodiversity priorities and initiatives.

The Greater Manchester Green Belt

8.54 The Green Belt in Greater Manchester was originally designated in full in 1984. It has since seen a series of minor amendments through individual district plans so that currently it totals 59,618 hectares in size, equating to approximately 47% of the total land area of Greater Manchester. The scale of development that needs to be accommodated within Greater Manchester up to 2037 means that some changes to the Green Belt boundaries within Greater Manchester are necessary, but these have been minimised as far as possible, having regard in particular to the need to promote sustainable patterns of development. This will result in a net reduction in the total area of designated Green Belt of 1,939 hectares (3.25%), ensuring that over 45% of Greater Manchester will still be Green Belt.

8.55 The Green Belt makes up a considerable proportion of Greater Manchester, and it is therefore vital that its various parts play a beneficial role that supports the environmental, social and economic wellbeing of the city-region's residents. The Greater Manchester authorities will plan in particular, for the enhancement of its green infrastructure functions, such as improved public access and habitat restoration, helping to deliver environmental and social benefits for the residents of Greater Manchester and providing the high quality green spaces that will support economic growth. In particular it assists in protecting and enabling the positive use and enhancement of land which has essential natural environment and green infrastructure functions supported by other policies in the GMSF, such as:

- Landscape, see Policy GM-G 1 'Valuing Important Landscapes';
- Recreation, see Policy GM-E 7 'Sport and Recreation';
- Biodiversity and Geodiversity, see Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity'; and
- Sustainable flood management, see Policy GM-S 5 'Flood Risk and the Water Environment'.

- 8.56** The Greater Manchester Green Belt also plays an important role in restricting unplanned development in a city-region with a complex urban form, ensuring that its cities, towns and smaller settlements retain their identity.
- 8.57** To deliver the inclusive and prosperous future outlined in the Greater Manchester Strategy, Greater Manchester Authorities have sought to maximise the use land outside of the Green Belt, giving the highest priority to brownfield land. Development of suitable brownfield sites and optimising the density of development are key drivers for the overall strategy, leading to a significant focus on the existing urban area.
- 8.58** The majority of the development required to deliver the GMSF's spatial strategy will be within the existing urban area. This approach alone is not, however, sufficient to meet the development needs of Greater Manchester.
- 8.59** Discussions have taken place with neighbouring local authorities to determine whether it would be appropriate for them to meet some of the development needs of Greater Manchester, but it has been agreed that this would not be appropriate as it would require them to release parts of their own Green Belt and would be likely to lead to less sustainable commuting patterns. In order to address this shortfall, a process of site selection was undertaken, to identify sites. It first gave consideration to previously-developed and/or that well-served by public transport. Following that it identified sufficient sites to meet the identified needs in this plan which fitted the overall GMSF Vision, Strategic Objectives and the sustainability principles of the plan.
- 8.60** The need to deliver the positive long-term outcomes of the Greater Manchester Strategy is considered to amount to exceptional circumstances which justify altering the boundaries of the Green Belt. Therefore in some locations land previously in the Green Belt has had that designation removed to enable development to take place as detailed in the allocations in Chapter 11 '11 'Allocations'', additionally these areas are identified on the Policies Map.
- 8.61** In other locations land which was not previously in the Green Belt has now been designated as such because it is assessed to meet one or more of the five purposes, for example to prevent settlements merging, and necessary to keep it permanently open. The locations of proposed additions to the Green Belt are detailed Appendix B 'Additions to the Greater Manchester Green Belt'. These areas form part of the designated Green Belt as defined on the Policies Map.
- 8.62** In amending the Green Belt boundary, through the allocations in this Plan, opportunities have been identified to improve/enhance Green Infrastructure within the land to remain within the Greater Manchester Green Belt. Additionally opportunities have been identified to mitigate harm to the retained Green Belt caused by these amendments.

Policy GM-G 10

The Greater Manchester Green Belt

The Greater Manchester Green Belt as defined on the Policies Map will be afforded strong protection in accordance with the National Planning Policy Framework. The Green Belt as shown in Figure 8.6 'The Greater Manchester Green Belt 2020' will continue to be managed positively to serve the five purposes set out in national policy:

- to check the unrestricted sprawl of large built-up areas;
- to prevent neighbouring towns merging into one another;
- to assist in safeguarding the countryside from encroachment;
- to preserve the setting and special character of historic towns; and
- to assist in urban regeneration, by encouraging the recycling of derelict and other urban land.

Positive and beneficial use of the Green Belt will be supported where this can be achieved without harm to its openness, permanence or ability to serve its five purposes. In particular, the enhancement of its green infrastructure functions will be encouraged, such as improved public access and habitat restoration, helping to deliver environmental and social benefits for the residents of Greater Manchester and providing the high quality green spaces that will support economic growth.

Within the allocations identified on the Policies Map, Green Belt policies will be strictly applied to the development areas removed from the Green Belt by this plan except in the case of planning applications complying with the relevant allocations policies (see 11 'Allocations').

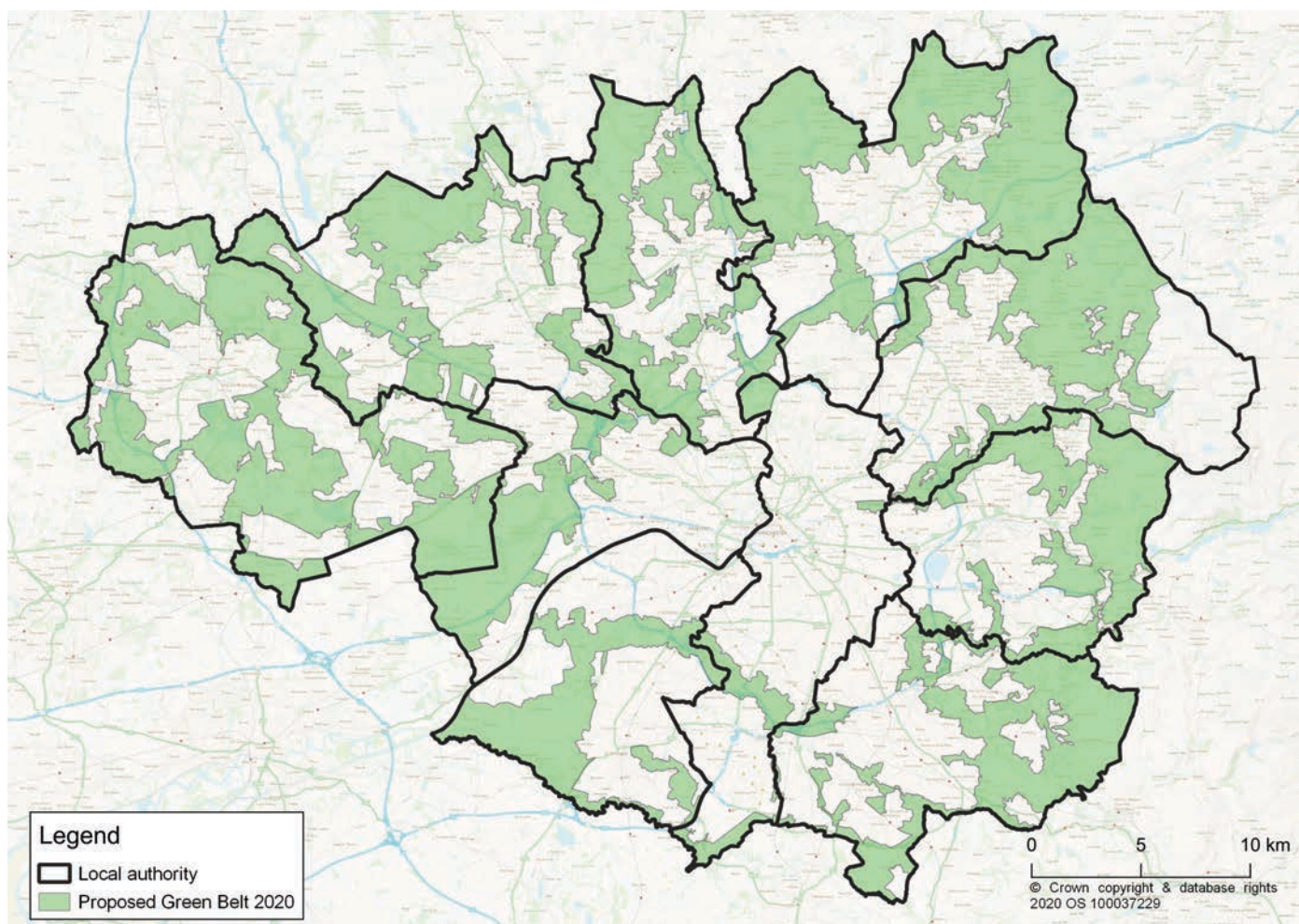


Figure 8.6 The Greater Manchester Green Belt 2020

Safeguarded Land

- 8.63** National policy states that Green Belt boundaries in development plans should be altered only exceptionally and should not normally be needed to be altered at the end of the plan period. National guidance details that safeguarded land can be identified in order to meet long term development needs stretching well beyond the plan period.
- 8.64** Safeguarded Land helps to protect the Green Belt by providing a reserve of land to meet development needs in the longer term without having to encroach on Green Belt. It is land that sits between a settlement edge and the Green Belt that could be identified in a development plan to meet future development needs if required. Identifying land in this way means that Green Belt boundaries do not need to be altered every time a development plan is reviewed and therefore enables Green Belt boundaries to endure into the future.

- 8.65** The GMSF allocates a number of sites for development, both for new homes and employment. A number of these sites have capacity for development beyond the plan period, therefore helping to ensure that the Greater Manchester Green Belt boundaries endure into the future.
- 8.66** To supplement the capacity in these sites, the plan also identifies a small number of sites as safeguarded land. This land will help to meet longer term development needs which cannot be met within the urban areas or on previously developed land and will further safeguard the Green Belt boundaries in Greater Manchester.
- 8.67** It is important that protected open land is not released for development unless the need to do so can be justified, that the site is in a sustainable location, taking account of the Spatial Strategy, for the intended use and that it does not harm important landscapes, green features or local residential amenity.

Policy GM-G 11

Safeguarded Land

The following area of open land, outside the urban area and not in the Green Belt, is identified on the Policies Map and protected from development:

- Land adjacent to the proposed HS2 Manchester Airport Station

Development on this land will only be permitted where it would:

- Be acceptable were it in the Green Belt; and
- Not prejudice the future use of the land.

Safeguarded Land will only be released for development where the following apply:

- There is evidence that the development is needed and that 'urban' brownfield and greenfield sites are not available to meet those needs;
- The proposed development is sustainable and is in accordance with the overall Spatial Strategy;
- The proposed development is supported by a comprehensive scheme for its delivery, including the provision of necessary infrastructure and measures to positively mitigate environmental impacts; and
- The proposed development is supported by an appraisal of the landscape and visual impacts and incorporates appropriate positive mitigation.

Where the release of safeguarded land can be justified, this will be done through a review of the GMSF or through the preparation of a local planning authority's local plan.

A Greater Manchester for Everyone



Promoting Inclusion

- 9.1** Delivering a more inclusive Greater Manchester is at the heart of everything that the GMSF is trying to achieve. The ultimate measure of the plan's success will be whether it has helped to enhance the lives of all residents within Greater Manchester. The last few decades have seen increasing inequalities across the country. Although Greater Manchester has an excellent range of employment, housing and leisure opportunities, the ability of people to access them can vary considerably. Some neighbourhoods have not shared in the benefits of recent economic growth and there are places in Greater Manchester where a significant proportion of the population suffer from deprivation with low levels of educational attainment, poor health and life expectancy. Many people are unable to find a suitable home at a cost they can afford.
- 9.2** The GMSF has an important role in helping to address these inequalities and disadvantages. A key aim must be to enable the full potential of every person and every place to be realised, with them being able to both contribute to, and benefit from, the successes of Greater Manchester. The positive impacts of development and investment must be spread as widely as possible. It will also be important to respond to the diverse needs and identities of different people and communities, with everyone being able to flourish wherever they live. Residents should be able to actively contribute to decisions about places that will affect them, increasing empowerment and a feeling of ownership about the way in which Greater Manchester evolves.
- 9.3** Supporting these social improvements is clearly of fundamental importance in its own right, but will also help to deliver more sustained economic growth in the long-term. Delivering them will require a collaborative approach between the GMCA, local authorities, residents, developers and other organisations.
- 9.4** The GMSF promotes greater inclusion in a wide variety of ways, some of which are set out in this chapter but many of which will be delivered through other parts of the plan. Such measures include:
- Delivering sustainable places that can meet the needs of all sections of communities, both now and in the future
 - Achieving the high quality, inclusive design of places and developments
 - Encouraging the efficient reuse of previously-developed land and buildings as part of the coordinated regeneration of urban areas, particularly those with high levels of deprivation
 - Significantly increasing the supply of new housing that helps to meet the wide variety of needs across Greater Manchester at a price people can afford
 - Enhancing the supply of employment opportunities at a variety of skill levels throughout Greater Manchester to achieve more inclusive growth

- Supporting improvements in education and research facilities
- Enabling all residents to lead healthier lives in safer places with good access to facilities that support health and well being
- Providing excellent transport networks that help people to access opportunities across Greater Manchester, particularly by walking, cycling and public transport
- Increasing the range and accessibility of cultural, leisure and sporting opportunities
- Improving access for all neighbourhoods to green space and nature
- Supporting greater inclusion through the design and implementation of individual development proposals

Sustainable Places

- 9.5** Greater Manchester consists of a varied network of places, both urban and rural, many with strong and proud identities. If the GMSF is to have a positive impact on people across Greater Manchester, then a key aim must be to raise the quality of all places in a way that is sustainable in the long-term. This will help to enhance wellbeing for residents, as well as making Greater Manchester more attractive to potential visitors and investors.
- 9.6** Every place in Greater Manchester is unique, having carved out its own specific role within the sub-region. The mix of uses, types of business and demographic profile of residents varies from place to place. This diversity is a major strength of Greater Manchester, allowing people to find the type of location that they require or desire.
- 9.7** The Greater Manchester Strategy sets out the ambition that all parts of Greater Manchester will be neighbourhoods of choice, with good quality affordable homes in safe and attractive communities, well served by public transport, so that the people that live in them are connected to jobs and opportunity and have access to excellent local amenities, green spaces and a high quality cultural and leisure offer. One of its ten priorities is for Greater Manchester to be an age-friendly city region. If Greater Manchester is to be genuinely inclusive then each of its places must be open to everyone, providing the type of area where people can start well, live well and age well. This will enable people to remain within or near their favoured neighbourhood, close to family and friends, as their requirements change.
- 9.8** High levels of development are proposed across Greater Manchester over the plan period, and much of this will be accommodated within places that already have a strong identity. A key challenge will be to ensure that this development is fully integrated into that place, making a positive contribution rather than detracting from its coherence and character. All places will need to evolve and adapt to changes in society and technology, but it will be important that this supports improvements in their overall quality. Local distinctiveness and identity will need to be enhanced, avoiding the pitfalls of expansion seen in many other cities that

have become a continuous urban area where one place is hard to distinguish from another. The unique character of its constituent towns and neighbourhoods is a key strength of Greater Manchester that must be retained.

- 9.9** If quality of life is to be enhanced then it will be vital to maximise the opportunities that places across Greater Manchester offer and limit the constraints that they place on how people live. All neighbourhoods must be designed to enable residents to live healthier, happier and more fulfilling lives, with the barriers to doing so minimised as far as possible. This must include recognising and responding to the difficulties that people may face due to age, disability, illness or financial circumstances. Achieving all of this will help to ensure that all places are characterised by empowered and informed residents, workers and visitors, with a sense of ownership and high levels of societal participation and social interaction.
- 9.10** High quality design will be fundamental to achieving all of this, helping to ensure that Greater Manchester can deliver the attractive places that will enable it to compete successfully with other major cities across the world. Good design need not result in additional costs, and indeed can lead to significant savings in the long-term, both for occupiers and society more generally. It can also help to increase the acceptability of development to existing residents, and enhance the reputation of the developer. Relatively small design changes can make a considerable difference to the overall quality of a development, and the contribution that it makes to the success of a place. A high level of care is therefore required from developers throughout the design process. All development should achieve a high design quality, consistent with the ten characteristics set out in the National Design Guide.⁽¹⁰⁴⁾

Policy GM-E 1

Sustainable Places

Greater Manchester will aim to become one of the most liveable city regions in the world, consisting of a series of beautiful, healthy and varied places, each having the following key attributes that all development, wherever appropriate, should be consistent with:

1. Distinctive, with a clear identity that:
 - A. Responds to the natural environment, landscape features, historic environment and local history and culture;
 - B. Enables a clear understanding of how the place has developed; and
 - C. Respects and acknowledges the character and identity of the locality in terms of design, siting, size, scale and materials used

104 Ministry of Housing Communities & Local Government (2019) National Design Guide

2. Visually stimulating, creating interesting and imaginative environments which raise the human spirit through the use of green space, public art and quality design
3. Socially inclusive:
 - A. Responding to the needs of all parts of society
 - B. Enabling everyone to participate equally and independently
 - C. Providing opportunities for social contact and support; and
 - D. Promoting a sense of community
4. Resilient, capable of dealing with major environmental and economic events
5. Adaptable, able to respond easily to varied and changing needs and technologies
6. Durable, being built to last and using robust materials that reflect local character, weather well and are easily maintained
7. Resource-efficient with:
 - A. A low carbon footprint;
 - B. Efficient use of land;
 - C. Minimised use of new materials;
 - D. High levels of recycling
8. Safe, including by designing out crime and terrorism, and reducing opportunities for anti-social behaviour
9. Supported by critical infrastructure, such as energy, water and drainage and green spaces
10. Functional and convenient, enabling people and uses to act efficiently with minimal effort, and responding to needs relating to servicing, recycling facilities, refuse collection and storage
11. Incorporating accessibility design standards within all spaces with support for tackling inequality and poverty to form part of creating sustainable places
12. Legible, being easy to understand and navigate, with the protection and enhancement of key views and new development well-integrated into the place

13. Easy to move around for those of all mobility levels, particularly by walking and cycling, with enjoyable routes free from obstacles and disorienting stimuli, and with places to rest
14. Well-connected to other places, particularly by public transport and digital infrastructure enabling everyone to take advantage of the employment, cultural and leisure opportunities across Greater Manchester and beyond
15. Comfortable and inviting, with indoor and outdoor environments:
 - A. Offering a high level of amenity that minimises exposure to pollution; and
 - B. Addressing microclimate issues such as sunlight, indoor air quality, overheating, shade, wind and shelter
16. Incorporating high quality and well managed green infrastructure and quality public realm, with:
 - A. Opportunities for recreation and outdoor play for children, and interaction between the generations;
 - B. Public and private spaces clearly distinguished;
 - C. Development clearly defining, and promoting activity within, public spaces
 - D. High quality landscaping with schemes
17. Well-served by local shops, services and amenities, including education and health facilities

Heritage

- 9.11** Greater Manchester has a uniquely diverse cultural heritage represented by its rich and extensive historic and built environment. Its development has evolved over a period of more than 5000 years, gradually changing from a heavily wooded landscape populated by hunter gatherers and upland camp sites, to become an overwhelmingly cleared rural landscape dotted with farmsteads. Many towns and villages of Greater Manchester can trace their origin to Saxon or Viking settler place names, often reflecting distinctive landscape features or farmsteads. Today's principal towns established market and borough status from the 13th century but it was the impact of the industrial revolution of the late 18th and 19th centuries that would transform the character, appearance and economic fortunes of Greater Manchester. This growth was based on the textile industry, particularly cotton, and facilitated by natural resources such as water and coal, technological advancement, plentiful labour and improved communications linking it to a national and global market. All of this has left a huge imprint on the landscape and contributes to our local identity and sense of place. There is a great opportunity to retain and find uses for the best of this heritage and ensure the unique urban and industrial character of Greater Manchester continues to play a part in its future growth and development.

- 9.12** Up-to-date evidence of the historic environment will be used to help shape and inform the implementation of planning policies at a Greater Manchester and local plan level. Key sources of information include the National Heritage List for England, the Greater Manchester Historic Environment Record, GMSF Heritage Topic Paper, national and local Heritage at Risk surveys, the Greater Manchester Historic Landscape Characterisation project, the Greater Manchester Textile Mills Survey, conservation area appraisals and management plans and site specific assessments.

Policy GM-E 2

Heritage

Greater Manchester will proactively manage and work with partners to positively conserve, sustain and enhance its historic environment and heritage assets and their settings. Opportunities will be pursued to aid the promotion, enjoyment, understanding and interpretation of heritage assets, as a means of maximising wider public benefits and reinforcing Greater Manchester's distinct identity and sense of place.

Local Plans will set out the key elements which contribute to the district's identity, character and distinctiveness and which should be the priority for safeguarding and enhancing in the future, and demonstrate a clear understanding of the historic environment and the heritage values of sites, buildings or areas and their relationship with their surroundings. This knowledge should be used to inform the positive integration of Greater Manchester's heritage by:

1. Setting out a clear vision that recognises and embeds the role of heritage in place-making;
2. Utilising the heritage significance of a site or area in the planning and design process, providing opportunities for interpretation and local engagement;
3. Integrating the conservation and enhancement of heritage assets and their settings, with creative contextual architectural responses that contribute to their significance and sense of place;
4. Delivering positive benefits that sustain and enhance the historic environment, as well as contributing to the economic viability, accessibility and environmental quality of a place, and to social wellbeing; and
5. Exploring opportunities to reduce greenhouse gas emissions that restoration of historic buildings offer.

Particular consideration will be given to ensure that the significance of key elements of the historic environment which contribute to Greater Manchester's distinctive identity and sense of place are protected from harm. These include historic town centres, places of worship, historic

transport routes including the canal network, industrial buildings and structures including textile mills, farmsteads and other sites, buildings and areas of identified archaeological, architectural, artistic and historic value.

Development proposals affecting a designated heritage asset (or an archaeological site of national importance) and a conservation area should conserve those elements which contribute to its significance including those identified in any conservation area appraisal as making a positive contribution to the area. Harm to such elements will only be permitted where this is clearly justified and outweighed by the public benefits of the proposal.

Development proposals should identify assets of archaeological interest and use this information to avoid harm or minimise it through design and appropriate mitigation. Where applicable, development should make provision for the protection of significant archaeological assets and landscapes. The protection of undesignated heritage assets of archaeological interest equivalent to a scheduled monument should be given equivalent weight to designated heritage assets.

Where heritage assets have been identified as being at risk, Local Plans should identify specific opportunities for them to contribute to regeneration and place-making, and they should set out strategies for their repair and re-use.

Culture

- 9.13** The industrial revolution provided fertile conditions for the creation of Greater Manchester as the birthplace of revolutionary ideas that have had profound impact on lives all around the world. The Co-operative movement was founded in Rochdale, the Suffragette Movement was born in Manchester and Salford Museum and Art Gallery was the UK's first free public library and museum. The Greater Manchester Culture Strategy highlights the importance of a diverse mix of creative and independent businesses to the vibrancy, prosperity and distinctiveness of our places. We are rightly proud of our rich cultural heritage and thriving cultural sector, from grass-roots community and heritage groups to internationally significant cultural organisations and cutting edge digital festivals. Greater Manchester has a diverse and distinctive offer which preserve and tell our stories, to ensure that Greater Manchester remains exciting, forward thinking and relevant.
- 9.14** In Greater Manchester alone, the Visitor Economy is worth £2.6bn GVA per year and supports 105,000 jobs and the Creative Industries are worth £4.4bn GVA per year and support 78,500 jobs. These sectors also play a vital role in our international reputation and contribute to the overall wellbeing of communities and the quality of life of our residents. Our city region is home to a diverse range of venues and organisations who bring life to our high streets and town and city centres and attract visitors from all around the world.

- 9.15** The continued enhancement of cultural opportunities is central to place-making across Greater Manchester. The importance of culture will need to be reflected in the way in which our cities, towns and neighbourhoods develop, with individual developments contributing towards this.
- 9.16** Many of Greater Manchester’s cultural assets are located in mixed use areas with sensitive uses in close proximity, including existing and proposed residential development. The ‘agent of change’ principle will be crucial to the ongoing viability of some of our cultural assets and will help to ensure that mixed-use areas function successfully.

Policy GM-E 3

Cultural Facilities

Greater Manchester will proactively develop and support cultural businesses and attractions in our cities and towns through a range of measures including:

1. Protecting existing heritage, cultural and community venues, facilities and uses;
2. Supporting the development of new cultural venues in town centres and places with good public transport connectivity;
3. Promoting new, or enhanced existing, locally-distinct clusters of cultural facilities, especially where they can provide an anchor for local regeneration and town centre renewal;
4. Identifying protecting and enhancing strategic clusters of cultural attractions;
5. Considering the use of vacant properties and land for pop-ups or meanwhile uses for cultural and creative activities during the day and at night-time to stimulate vibrancy and viability and promote diversity in town centres;
6. Maximising opportunities for redundant heritage assets and the role they can play in economic and social well-being;
7. Considering the designation of ‘Creative Improvement Districts’ where there is evidence that the designation will enhance the local economy and provide facilities and workspace for the creative industries; and
8. Supporting a mix of uses which derive mutual benefits from, and do not compromise, the creative industries and cultural facilities in the Creative Improvement District in line with the Agent of Change principle. If development would potentially result in conflict between a cultural activity and another use, especially in terms of noise, then the development responsible for the change must secure the implementation of appropriate mitigation before it is completed.

Retail and Leisure

- 9.17** Varied and high-quality retail, leisure and cultural facilities are vital to providing the quality of life that will help to attract people to live in Greater Manchester and in contributing to inclusive places. Such facilities are also a key part of the overall tourism function of Greater Manchester, drawing visitors to the area. A diverse range of town centres and local centres of varying sizes and character provide more local facilities, with some having quite extensive catchments extending into surrounding districts whilst others serve a very local market but are nevertheless essential for residents.
- 9.18** Our town centres are at the heart of our communities. They are some of our most well connected places and have been a focus for walking, cycling and public transport investment over many years. But they are facing serious challenges. The growth of internet shopping and large out-of-town retailers has squeezed many town centres. The UK has the highest level of internet shopping in the world⁽¹⁰⁵⁾, with 18.0% of all retail sales now taking place online.⁽¹⁰⁶⁾ There has been a 19.9% growth in online retailing in just 12 months.⁽¹⁰⁷⁾ The implications of the Covid 19 pandemic may accelerate these trends.
- 9.19** We must help our town centres adapt to changing markets, and build on their strengths. In this context, despite the significant increase in the resident, working and visiting populations for which the GMSF is planning, it is anticipated that most of the demand for new retail and leisure floorspace can be accommodated within existing centres.
- 9.20** In accordance with national planning policy, it is appropriate for retail and leisure facilities to be directed towards designated centres wherever possible. This will help to maintain the vitality and viability of those centres, and their continued ability to meet the needs of residents. Although they are significant in terms of their size and function, the Trafford Centre and Middlebrook Retail and Leisure Park are not designated centres and will continue to be treated as out-of-centre locations.

Policy GM-E 4

New Retail and Leisure Uses in Town Centres

The existing hierarchy of centres for retail and leisure uses will be maintained and enhanced. The upper levels of the hierarchy of centres are:

- A. City Centre (within Manchester and Salford)
- B. Main town centres:
 - 1. Altrincham (Trafford)

¹⁰⁵ <https://www.invespcro.com/blog/global-online-retail-spending-statistics-and-trends/>

¹⁰⁶ Office for National Statistics (June 2018) Retail sales, Great Britain: May 2018

¹⁰⁷ Office for National Statistics (June 2018) Retail sales, Great Britain: May 2018

2. Ashton-under-Lyne (Tameside)
3. Bolton (Bolton)
4. Bury (Bury)
5. Oldham (Oldham)
6. Rochdale (Rochdale)
7. Stockport (Stockport)
8. Wigan (Wigan)

A new town centre is proposed for designation at Salford Quays in the Publication Draft Salford Local Plan: Development Management Policies and Designations. Should this designation become part of the Salford Local Plan, Salford Quays will be classed as a Main Town Centre for the purposes of this policy.

- 9.21** The boundaries of the centres and detail of other centres at lower levels of the hierarchy are defined in district local plans. Appropriate large-scale retail and leisure development will be accommodated within the centres in the upper levels of the hierarchy. The need for the expansion of any existing centres, or the provision of new centres, will be identified in district local plans.

Education, Skills and Knowledge

- 9.22** Economic growth and the success of cities are increasingly reliant on the creation and application of knowledge. It is the places with an excellent supply and broad range of skills that will be best-placed to attract investment and jobs, and which will be most able to cope with the long-term challenges of growing automation and globalisation and thereby reduce levels of deprivation.
- 9.23** Knowledge is a fundamental component of personal freedom and social inclusion, enabling people to take advantage of opportunities and expanding the choices available to them. The aim of ensuring that everyone can contribute to, and benefit from, economic growth can only be achieved if residents have the necessary skills. As technological advances accelerate, learning throughout life will become even more important.
- 9.24** Greater Manchester has a proud history of being a forward-thinking city region, having been at the global forefront of technological and transport innovations during the industrial revolution, leading the development of computing through the work of Alan Turing, and more recently discovering and identifying multiple applications for the ground-breaking two-dimensional material graphene. This work continues, but many residents find it difficult

to access the opportunities available within Greater Manchester due to poor levels of educational attainment and skills training. Widening access to knowledge for all residents is therefore vital and will need to respond to the training needs associated with new technological advances.

- 9.25** The huge extent of university activity is one of the greatest strengths of Greater Manchester, helping to differentiate it from many of its international competitors. With over 100,000 students attending its universities, Greater Manchester has one of the largest concentrations of students in Europe, and an enormous supply of new graduates across a wide range of subjects each year who can help to drive future economic growth. The largest concentration of research activity is within Corridor Manchester in the City Centre, which has the largest single-site clinical-academic campus in Europe. The universities will be a vital component of developing Greater Manchester as a globally important city region.
- 9.26** Until 2010, Greater Manchester was seeing a reduction in the number of school-age children, but since then the number has grown and a 7% increase in those aged 5-14 is projected over the period up to 2037. The spatial pattern of this recent growth has been very mixed, with much of the increase focused in the inner parts of the conurbation surrounding the City Centre. The future pattern of change will be influenced by the type and location of new housing as well as the relative attractiveness of existing neighbourhoods to families with children. Ensuring that there are sufficient school places in the right locations and at the right times to meet the needs of existing and new residents will be a key challenge and priority.
- 9.27** Other parts of the GMSF will also contribute to the development and application of the sub-region's knowledge base, including by:
- Increasing the supply of high quality housing in a more diverse range of locations to attract and retain greater numbers of skilled worker
 - Improving transport links to locations across the North of England in order to maximise the ability to draw on skills from outside Greater Manchester
 - Providing a wide range of sites and premises capable of attracting knowledge-intensive businesses
 - Promoting training opportunities through new developments
 - Facilitating the delivery of high quality digital and other infrastructure across Greater Manchester, thereby enabling residents and businesses to access knowledge and opportunities

Policy GM-E 5

Education, Skills and Knowledge

Significant enhancements in education, skills and knowledge to benefit existing and new residents will be promoted throughout Greater Manchester, including by:

1. Enabling the delivery of new and improved accessible facilities for all ages, such as early years, schools, further and higher education, and adult training to ensure our workforce is ready to benefit from new employment opportunities;
2. Ensuring the delivery of sufficient school places to respond to the demands from new housing, such as through:
 - a. Working with education providers to forecast likely changes in the demand for school places; and
 - b. Where appropriate, requiring housing developments to make a financial contribution to the provision of additional school places and/or set aside land for a new school, proportionate to the additional demand that they would generate;
3. Supporting the continued growth and success of the university sector, such as through:
 - a. Enhancing the existing campuses and developing new ones;
 - b. Strengthening the world-leading research capabilities and promoting opportunities for business spin-offs; and
 - c. Continuing to develop Greater Manchester as the UK's best destination for students

Health

- 9.28** Good health is one of the key determinants of quality of life. As well as being of great importance in its own right, it also has a significant impact on the ability of people to enjoy the immense range of opportunities across Greater Manchester and to make a positive economic contribution.
- 9.29** Healthy life expectancy in Greater Manchester is currently three to four years below the national average for men and women. There are considerable inequalities of health outcomes within Greater Manchester, with average life expectancy in the least deprived areas being more than a decade longer than in the most deprived areas. The high prevalence of long-term conditions, such as cardiovascular and respiratory disease, means that Greater Manchester residents can expect to experience poor health at a younger age than in other parts of the

country. Obesity, smoking and alcohol are all significant issues. An increase in the proportion of older people will be expected to exacerbate health pressures, although this is less of an issue than in many other parts of the UK.

- 9.30** In April 2016, Greater Manchester became the first region in the country to take control of its combined health and social care budgets, a sum of more than £6 billion. Additionally, in 2017 Greater Manchester took on public health responsibilities alongside the ten local authorities.⁽¹⁰⁸⁾ The Health and Social Care Act 2012 has given local authorities a core responsibility for public health, joining up local health policy with all other areas of work. As part of this, a key aim is to better integrate health and social care services including wider community health services.
- 9.31** Greater Manchester has a wide range of attributes and enormous potential, but its long-term prospects will be contingent on delivering major improvements in public health. It cannot be considered a success unless existing health inequalities are addressed. The Greater Manchester Population Health Plan (2017-21) sets out Greater Manchester Health and Social Care Partnerships approach to delivering a radical upgrade in population health across the city region.
- 9.32** This will require a diverse range of coordinated measures, many of which lie outside the scope of this plan, but it will be vital that the positive contribution of the GMSF is maximised as far as possible. As a result, the overall strategy and many of the policies and proposals in other parts of the plan will support improvements in health and wellbeing, and reductions in health inequalities, such as by:
- Promoting a successful economy for Greater Manchester, where everyone is able to share in the benefits of growth, given that household income is a key determinant of good health
 - Increasing the supply of high quality and affordable homes that meet minimum size and accessibility standards, helping to ensure that everyone has a decent place to live
 - Enabling people to adopt healthier lifestyles, including through the development of a high quality green infrastructure network throughout Greater Manchester, encouraging the provision of a wide range of recreation and sports facilities, including food growing opportunities, and supporting an increase in the proportion of trips that are made by walking and cycling
 - Reducing the risks to human health, including through taking an integrated catchment-based approach to addressing flood risk, reducing levels of air pollution, providing cooling and shading to combat high temperatures, promoting high levels of fire safety, and designing places to minimise opportunities for crime, terrorism and anti-social behaviour

108 The Greater Manchester Combined Authority (Public Health Functions) Order 2017

- 9.33** The submission of Health Impact Assessments for development proposals will help ensure that the effects of development on both health and wellbeing are considered and responded to during the planning process. Health Impact Assessments should aim to enhance the potential positive aspects of a proposal while avoiding or minimising any negative impacts, with particular emphasis on disadvantaged sections of communities that may be affected. It is expected that Health Impact Assessments are undertaken in support of all developments which require an Environmental Impact Assessment, and other proposals which, due to their location, nature or proximity to sensitive receptors, are likely to have a notable impact on health and wellbeing.

Policy GM-E 6

Health

To help tackle health inequality new development will be required, as far as practicable, to:

- A. Maximise its positive contribution to health and wellbeing, whilst avoiding any potential negative impacts of new development;
- B. Support healthy lifestyles, including through the use of active design principles making physical activity an easy, practical and attractive choice; and
- C. Be supported by a Health Impact Assessment for all developments which require an Environmental Impact Assessment, and other proposals where the local planning authority considers it appropriate.

Improvements in health facilities will be supported, responding to the changing needs and demands of both existing and new residents, including through:

1. Requiring, where appropriate, the provision of new or improved health facilities as part of new developments that would significantly increase demand;
2. Enabling the continued enhancement and successful operation of Greater Manchester's hospitals; and
3. Facilitating greater integration of health and social care, and the provision of integrated wellness hubs, including the co-location of health, community and wellness services.

Sport and Recreation

- 9.34** Our goal is to positively change the lives of people across Greater Manchester through physical activity and sports. Greater Manchester has an international reputation for sporting excellence. Manchester's global name recognition is perhaps seen most prominently in terms of its two major football clubs, Manchester United and Manchester City, but the sporting significance of Greater Manchester is far broader than this, being the home of numerous

professional clubs, the hugely successful British Cycling, and the National Football Museum, and it has hosted a wide range of international sporting events from the 2002 Commonwealth Games to the Rugby League World Cup Final.

- 9.35** Sports participation in Greater Manchester is slightly lower than the national average. 72.9% of adults in Greater Manchester (16+) were ‘active’ or fairly ‘active’ as of May 2018. This represents an increase of 0.5 percentage points compared to May 2017 but is 1.9 percentage points below the England average. Nationally, there is a major problem of inactivity amongst younger people, with only 32% of 5-15 year olds being defined as active, and just 9% of 2-4 year olds.⁽¹⁰⁹⁾
- 9.36** The Greater Manchester Strategy highlights that an active life can reduce anxiety, lift mood, reduce stress, promote clearer thinking and a greater sense of calm, increase self-esteem, and reduce the risk of depression. More generally, sport and recreation can be a major contributor to quality of life, and hence access to such opportunities is an important element of social inclusion.
- 9.37** Through the [Greater Manchester moving programme](#) we are helping people of all ages to be more active and to live well. The availability of sport and recreation opportunities is strongly linked to the provision of green infrastructure and urban green space. However, the good design of places more generally can enable recreation to be integrated more easily into everyday life, particularly for children. One of the ambitions of the Greater Manchester Strategy is that the sub-region will be at the leading edge of providing our children with excellent places to play, develop and learn.⁽¹¹⁰⁾ Play is essential to children’s development, enabling them to learn, socialise, gain independence and make sense of the world, and has long-term benefits for health through to old age.
- 9.38** Ensuring the continued availability of and easy access to a high quality range of sport and recreation facilities, meeting accessibility standards, would therefore help to achieve key objectives such as improving the health of residents, and making Greater Manchester a more attractive place to live and visit. The appropriate level of provision will often depend on local circumstances such as the type and scale of demand, and the availability of suitable land. Consequently, standards for access to some recreation facilities such as parks, sports pitches and allotments will be set by individual local authorities and set out in Local Plans.
- 9.39** An important component for the overall strategy for green infrastructure, and to key locations such as the uplands, lowland wetlands, and river valleys and canals, is to improve public access to good recreational opportunities, including food growing opportunities, in a manner compatible with other green infrastructure functions. This will help to reconnect people to nature as well as improving health and wellbeing.

109 Health Survey for England, 2015

110 Greater Manchester Combined Authority (October 2017) *Our people our place: The Greater Manchester Strategy*, p.21

Policy GM-E 7

Sport and Recreation

A network of high quality and accessible sports and recreation facilities will be protected and enhanced, supporting greater levels of activity for all ages, including by:

1. Creating a public realm that provides frequent opportunities for play and that all ages can enjoy together
2. Developing a Greater Manchester wide standard for the provision of designated play areas to meet the needs of the population
3. Where appropriate setting out more comprehensive and detailed recreation standards in district local plans, having regard to existing and future needs
4. Requiring new development to support the achievement of GMSF and local plan standards by providing new and/or improving existing facilities commensurate with the demand they would generate, ensuring that they meet accessibility standards
5. Locating and designing recreation facilities in relation to housing so as to ensure that they are accessible but also minimise the potential for complaints due to disturbance to residential amenity from recreational activity
6. Protecting and enhancing the public rights of way network, including to:
 - a. Provide safe and attractive routes to sports and recreation facilities
 - b. Improve access to, and connections between different parts of, the green infrastructure network across Greater Manchester and beyond
 - c. Expand the network of strategic recreation routes offering longer distance opportunities for walking, cycling and horse-riding
 - d. Provide everyday options for green travel
7. Encouraging the incorporation of sports facilities in all education settings, made available for community use where possible, ensuring that they meet accessibility standards.
8. Enabling the continued development of major sports facilities and events, which can further enhance Greater Manchester's international sporting reputation.

Our Network



Our Integrated Network

- 10.1** One of the Greater Manchester Strategy's ten priorities is to deliver an integrated network with world-class connectivity that keeps Greater Manchester moving and that drives prosperity whilst protecting the environment, improving air quality and transitioning to a zero carbon future.
- 10.2** Good connections permeate all aspects of life in Greater Manchester. Businesses need to connect with skilled workers, suppliers and markets. Residents need to be connected with jobs, products, services and their friends, families and communities. Tourists need to be able to reach our city-region from all around the world and to be able to visit our attractions. Strong, integrated connections are therefore needed at all levels: neighbourhood, city-wide, regionally, nationally and internationally.
- 10.3** Historically, connectivity has been primarily about transport, but increasingly digital connectivity is fundamental to our lives, enabling us to connect with people irrespective of location, and to access an unparalleled range of learning, employment and retail opportunities.
- 10.4** Greater Manchester is already a highly connected place. At the international level, Manchester Airport offers direct flights to over 200 destinations worldwide, and the Manchester Ship Canal and M58/M62 provide freight connections to the deep-water facilities at the Port of Liverpool. Nationally, London is just two hours away by train (with journey times set to improve following the introduction of High Speed 2) and Greater Manchester is at the heart of the national motorway network. More locally, Greater Manchester has extensive local rail connections complemented by Metrolink, the largest light rail network - in terms of route KMs - in the UK, which is continuing to be expanded.⁽¹¹¹⁾
- 10.5** However, there are significant barriers as well. As with the rest of the UK, Greater Manchester's high-speed broadband coverage has fallen behind international competitors: only 4% of Greater Manchester has full fibre to the premises (FFTP) connectivity.⁽¹¹²⁾ Traffic congestion affects many key highways and, in 'A Congestion Deal for Greater Manchester', it is estimated to cost city-region businesses £1.3bn each year.⁽¹¹³⁾
- 10.6** Public transport suffers from a lack of capacity on key routes and with poor reliability. Although many parts of the city-region have good public transport, there remain areas that are poorly served and others that are not connected at all. Despite a few exemplar schemes, the quality and extent of Greater Manchester's cycling infrastructure is limited, which means relatively few people choose to travel by bike.
- 10.7** In July 2019 the Greater Manchester Combined Authority (GMCA) declared a climate emergency. As part of this declaration, GMCA noted the findings of the International Panel on Climate Change (IPCC) report "Global warming of 1.5°C", in particular:

111 Department for Transport (2018) Statistical data set: Light rail and tram statistics - LRT0203

112 Greater Manchester Combined Authority (2018) *The Greater Manchester Digital Strategy 2018-2020*, paragraph 7.1

113 Mayor of Greater Manchester, GMCA and Transport for Greater Manchester (March 2018) *A Congestion Deal for Greater Manchester*, p.3

- That human activities are estimated to have already caused approximately 1.0°C of global warming.
- That if we continue at the current rate, we are likely to surpass the Paris Agreement target of 1.5°C as early as 2030; and
- That at the current level of commitments, the world is on course for 3°C of warming with irreversible and catastrophic consequences for humans and the natural world.

10.8 Achieving Greater Manchester's carbon targets will require substantial reductions in carbon emissions from transport. The Greater Manchester Strategy sets out a future for Greater Manchester as a place where people live healthy lives, and a place that is at the forefront of action on climate change. Building on this, the 5-year Environment Plan for Greater Manchester set an ambitious target to be carbon neutral by 2038. Although these targets are in the future, action must be taken now if we are to make them a reality, and significant reductions in carbon emissions from transport are vital in achieving these ambitions.

10.9 Whilst other sectors have achieved significant carbon reductions, surface transport emissions (i.e. not including aviation) have barely fallen in the UK. In 2017, transport emissions had reduced by just 3% on 1990 levels (road transport emissions have in fact increased 6%). In 2017, transport overtook energy as the sector emitting the largest amount of CO₂. Overall, transport now accounts for 27% of UK greenhouse gas emissions, with the vast majority deriving from petrol- or diesel-fuelled road transport. We know, from 2018 UK Greenhouse Gas Emissions Final Figures, that Greater Manchester's CO₂ emissions have broadly reflected the national trend described above.⁽¹¹⁴⁾

10.10 The GM 5-year Environment Plan sets out five specific decarbonisation priorities for transport that will contribute most significantly to reducing carbon emissions and which align with the Greater Manchester Transport Strategy 2040 refresh. These are:

- Increasing use of public transport and active travel modes;
- Phasing out fossil-fuelled private vehicles and replacing with zero emission alternatives;
- Tackling the most polluting vehicles on our roads;
- Establishing a zero-emission bus fleet; and
- Decarbonising road freight and shifting more freight movement to rail and water.

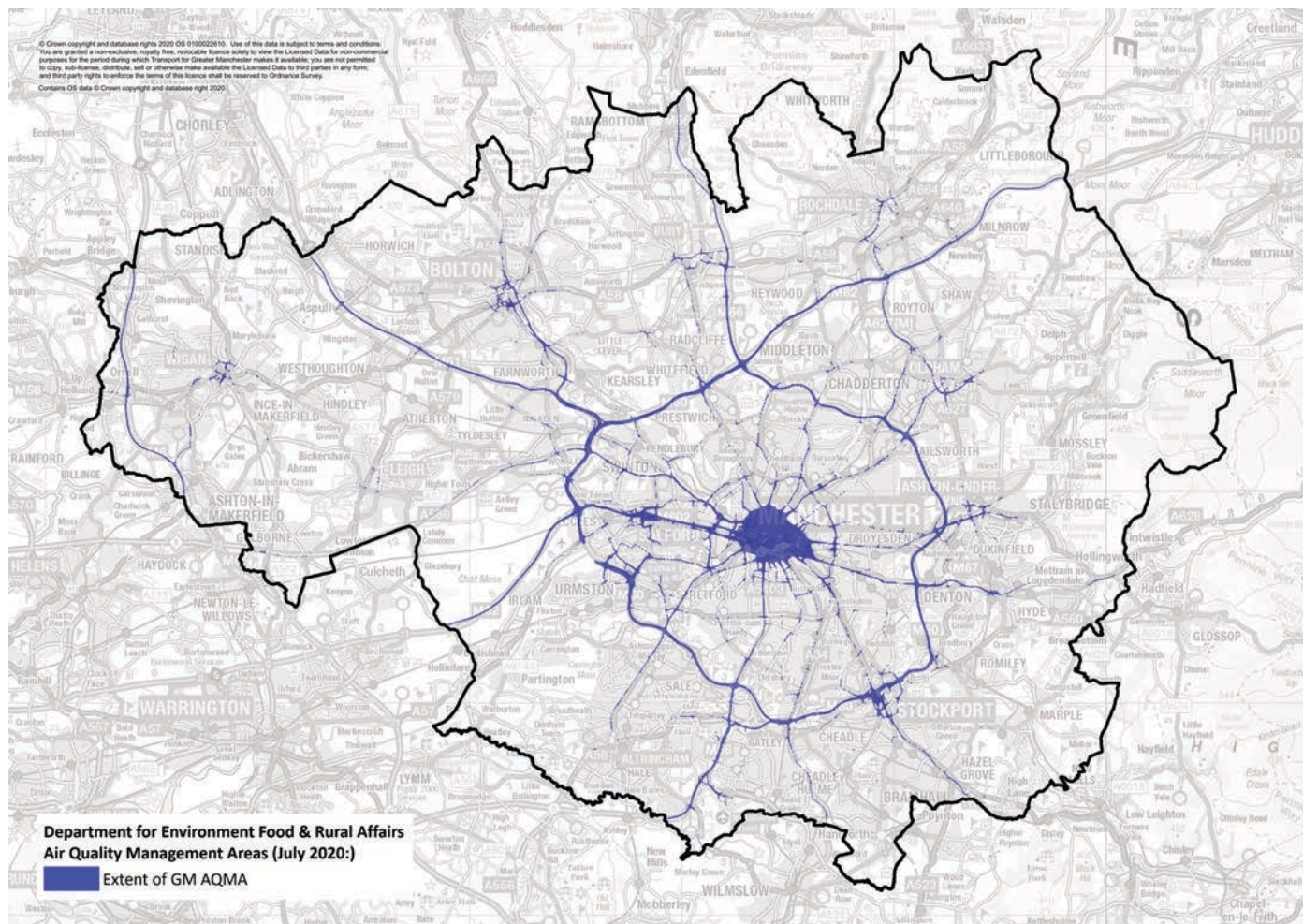
10.11 Resilience is another key issue across the transport network. The network frequently suffers disproportionately from relatively small failures, such as when a delayed train causes disruption across the rail network, or when a single traffic accident causes congestion across the city-region's motorways. The long-term threat from climate change on transport infrastructure is also an issue, with extreme temperatures causing maintenance problems and other extreme weather – such as flooding, ice and snow – causing major disruption and dangerous travel conditions.

114 BEIS, 2018 UK Greenhouse Gas Emissions, Final Figures p.12, p.14

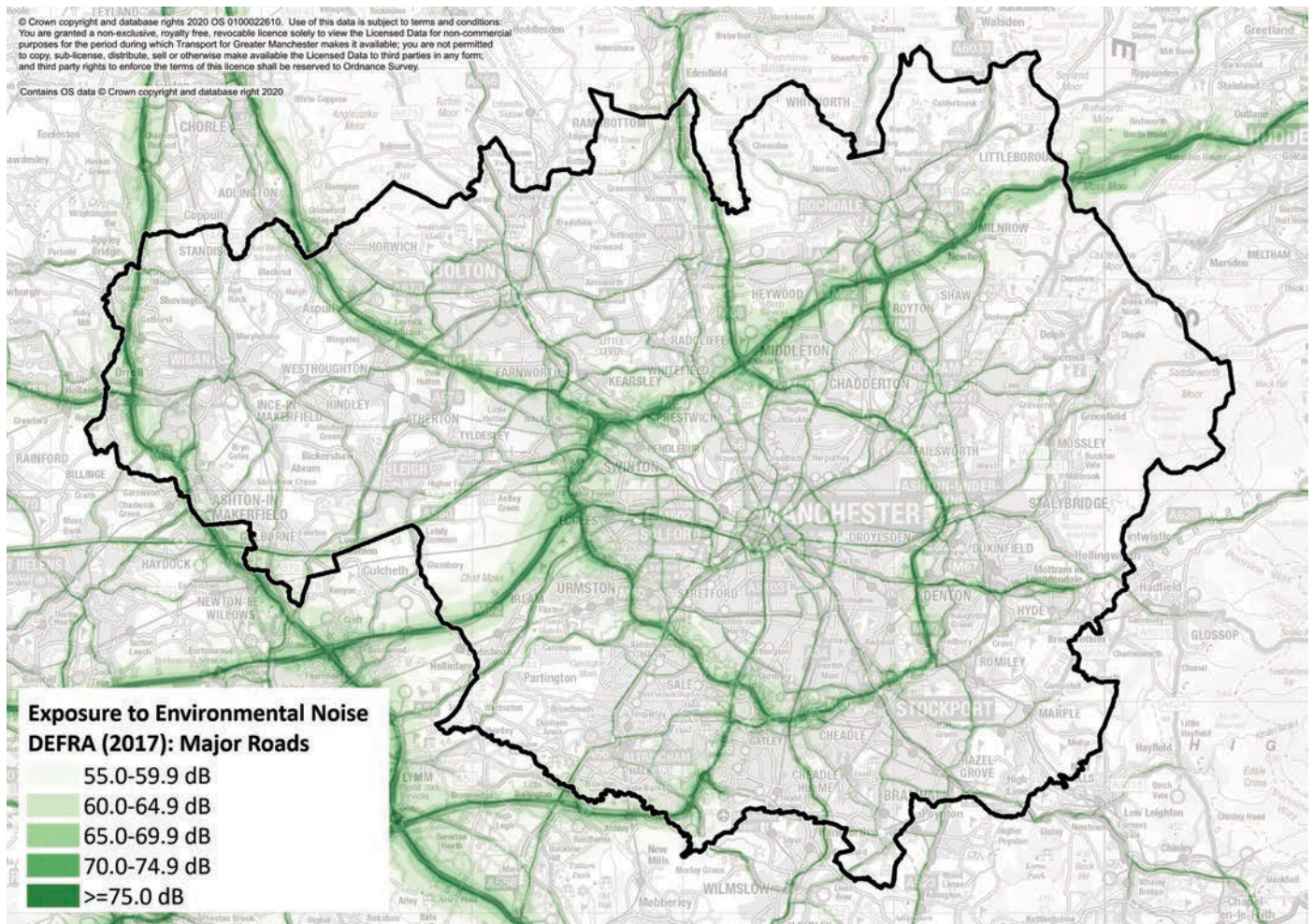
- 10.12** Traffic is a major contributor to poor air quality. It is estimated that approximately 5% of deaths each year in Greater Manchester are attributable to particulate air pollution, equating to approximately 1,200 early deaths each year due to illnesses linked to air pollution.⁽¹¹⁵⁾ Poor air quality can have long term health impacts on all and immediate effects on the most vulnerable in our society; the youngest, the oldest, those living in areas of deprivation and those with existing respiratory or cardiovascular disease are the most likely to develop symptoms due to exposure to air pollution. Air pollution also makes our towns and cities less pleasant places to live. The Greater Manchester Low Emissions Strategy states that road transport contributes to over 65% of emissions of nitrogen oxides and 79% of fine particulates at the roadside in the city-region⁽¹¹⁶⁾, severely reducing air quality around many major roads.
- 10.13** In 2016 the 10 GM authorities declared a single Air Quality Management Area, based on a precautionary level of 35µg/m³ rather than the legal limit of 40µg/m³.
- 10.14** The 10 GM authorities are currently developing a Clean Air Plan, to accelerate compliance with the legal limit for Nitrogen dioxide and to protect and promote the health of its population and the environment. This will see the introduction of a Clean Air Zone covering the whole of the GM conurbation, to tackle the most polluting vehicles on the road network, alongside further supporting measures.

115 Public Health England, Public Health Outcome Framework, 2016

116 Greater Manchester Combined Authority and Transport for Greater Manchester (December 2016) *Greater Manchester Low-Emission Strategy*, page 9, 2014 EMIGMA data.



Picture 10.2 Greater Manchester Air Quality Management Area based on 35µg/m3 (July 2020)



Picture 10.3 Exposure to Environmental Noise Major Roads DEFRA 2017

- 10.15** The areas with the highest levels of noise pollution are heavily concentrated around transport infrastructure, particularly the motorway network. The amount of noise created is affected by speed, type of vehicle, in addition to tyre and road composition.
- 10.16** Although road casualties in Greater Manchester have reduced by around 75% in the past 20 years, DSD Report 1911: 'Reported Road Casualty Statistics Greater Manchester' shows that there are still over 650 people killed or seriously injured on the city-region's roads each year, half of them pedestrians or cyclists.⁽¹¹⁷⁾
- 10.17** Analysis by Transport for Greater Manchester, in 'A Congestion Deal for Greater Manchester', suggests that population growth could lead to over 800,000 extra residential trips each day on Greater Manchester's transport networks⁽¹¹⁸⁾, and there will be an increase in trips into Greater Manchester from growth in neighbouring areas.

117 Transport for Greater Manchester (2017) *DSD Report 1911: Reported Road Casualty Statistics Greater Manchester 2016: District Tabulations*

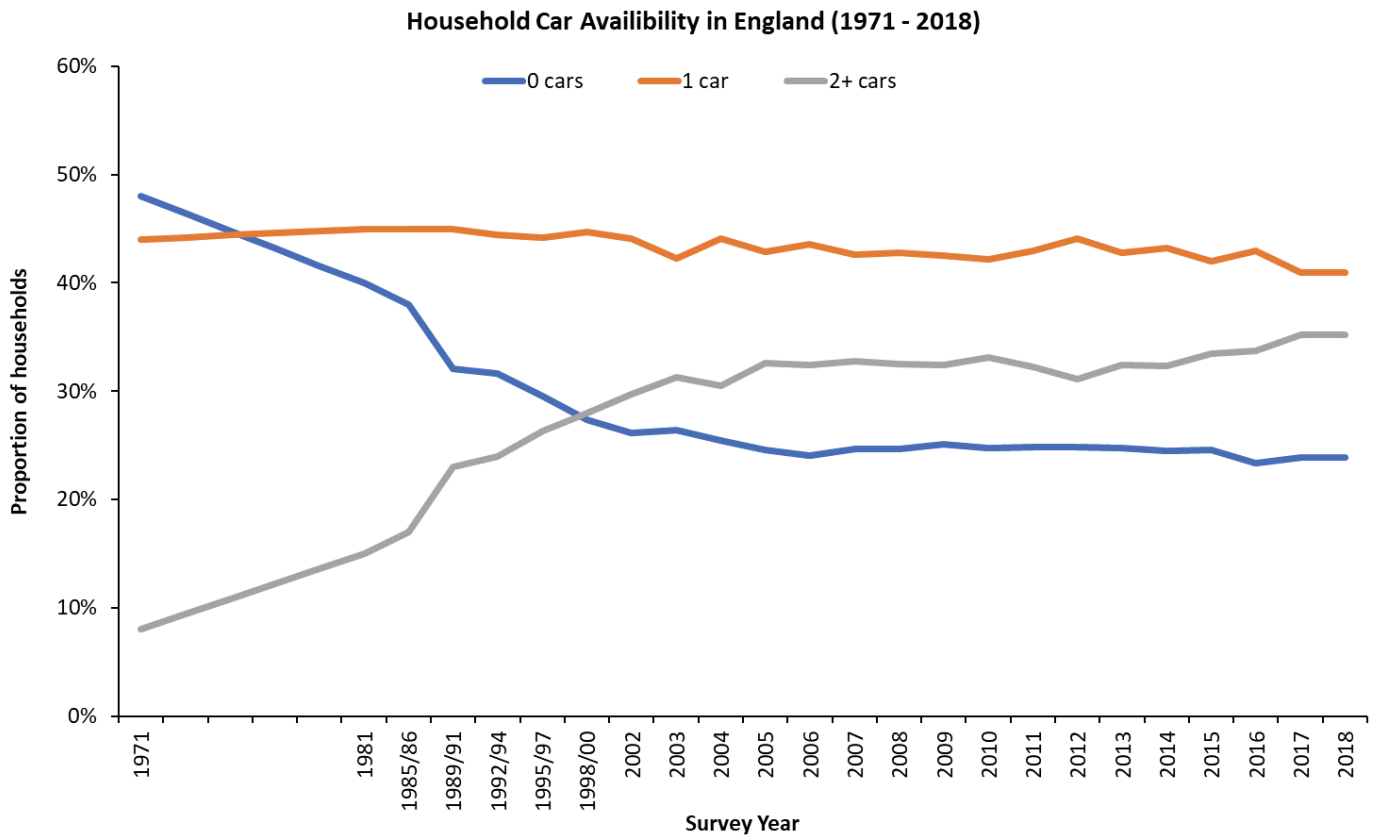
118 Mayor of Greater Manchester, GMCA and Transport for Greater Manchester (March 2018) *A Congestion Deal for Greater Manchester*, p.2

- 10.18** In recent years, there has been a significant reduction in inbound car trips to the city centre in the morning peak, from 32,000 in 2002 to 22,600 in 2019⁽¹¹⁹⁾, reflecting, among other factors: the rapid expansion of the Metrolink system, a doubling of rail patronage the success of the LSM Busway, and reductions in capacity on radial routes to provide additional bus, cycle and pedestrian priority.
- 10.19** The GM Travel Diary Survey (GM TRADS) shows that, in Greater Manchester, around 31% of households do not own or have access to a car. However the proportion of households with two or more cars is now at its highest ever at 24.1%. Car use is highest in Tameside (68%) and lowest in Manchester (40%), as a percentage of all journeys (as either driver or passenger).⁽¹²⁰⁾
- 10.20** There is evidence that younger adults (17-29 year olds) are driving less now than in the early 1990s, with this change being driven by factors such as increased city centre living, cultural changes, lower employment rates, less disposable income and a decline in home ownership. One report that suggests a return to previous levels of car use is not expected is entitled 'Young People's Travel - What's Change and Why? Review and Analysis'.⁽¹²¹⁾ This may be accentuated in the future by an increasing 'sharing economy', as seen in initiatives such as car clubs, ridesharing, and bike hire schemes.

119 Transport for Greater Manchester (2020) Highways Forecasting and Analytical Services: SRAD Report 2024 Transport Statistics Manchester 2018-19 – Table 23 Car and Non-Car Trips into Manchester Key Centre 07:30-09:30

120 Transport for Greater Manchester, TRADS (2015-2017), not published

121 Centre for Transport and Society (UWE, Bristol) and Transport Studies Unit (University of Oxford) (January 2018) *Young People's Travel – What's Changed and Why? Review and Analysis*

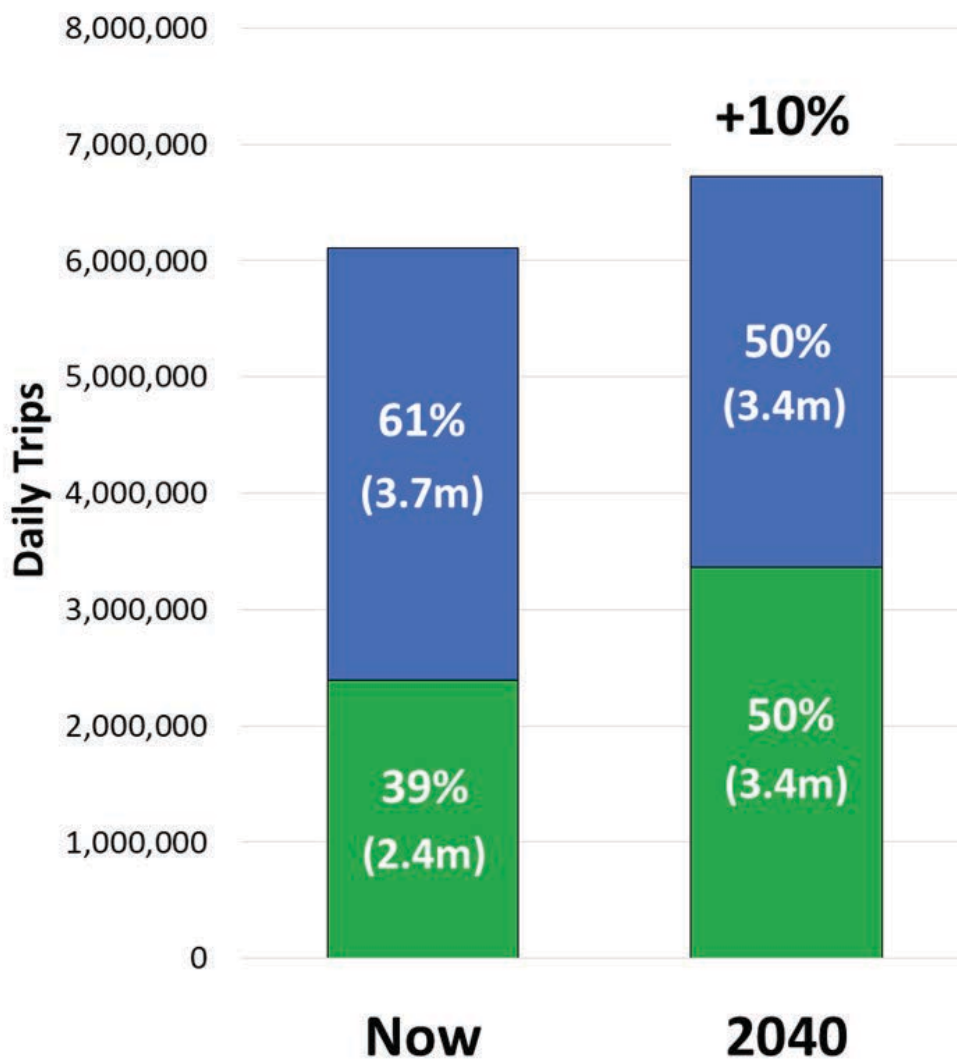


Picture 10.4 National Travel Survey 2018, Table NTS0205

- 10.21** In contrast, the rapid rise in digital demand seems likely to continue, with more services being delivered digitally and ever-increasing data transfers requiring faster, higher-capacity broadband and mobile connections. As the city-region becomes ‘smarter’ – utilising data to deliver services more swiftly and efficiently and adopting innovation such as connected and autonomous vehicles, artificial intelligence and the Internet of Things (where an increasing range of everyday devices are connected, monitored and operated via the internet) – travel patterns will change and digital will increase in importance. As stated in *Our People, Our Place: The Greater Manchester Strategy*, it is ultimately our ambition for the city-region to be the UK’s leading digital city and one of Europe’s top five.⁽¹²²⁾
- 10.22** The challenge for Greater Manchester is therefore to provide outstanding connectivity that supports low carbon economic growth and greater levels of social inclusion. It must also accommodate the forecast increase in demand for travel, while minimising the adverse environmental and quality of life impacts.

122 Greater Manchester Combined Authority (October 2017) *Our people our place: The Greater Manchester Strategy*, paragraphs 2.2, 7.1, and 7.13

- 10.23** A fundamental aspect of this this will be minimising the need to travel, which will help reduce the pressure on our transport systems. This will be achieved by creating local neighbourhoods where people can live, work and access services and shops, alongside behavioural change, such as mode shift, flexible and home working.
- 10.24** A massive change in people’s travel behaviour is needed so that walking and cycling become the natural choice for short journeys and public transport for longer trips. This will help to support more active lifestyles, which in turn will promote good health. It will also address some of the negative impacts of a high-level of car use, such as traffic congestion, air pollution, greenhouse gas emissions, noise pollution and poorer quality places.



Picture 10.5 Change in daily trips, now-2040

- 10.25** Our vision for 2040 is for half of all daily trips in Greater Manchester to be made by public transport, cycling and walking. This will mean a million more trips each day using sustainable and active modes of travel. Our analysis suggests that achieving this will enable us to deliver our economic growth ambitions without increasing overall motor-vehicle traffic in Greater Manchester.
- 10.26** The Greater Manchester Transport Strategy 2040 refresh⁽¹²³⁾ outlines how significant investment in sustainable modes of transport will be essential to achieving this vision. The Strategy is supported by Our Five Year Transport Delivery Plan⁽¹²⁴⁾ that sets out the immediate and longer term programme for transport interventions needed to support sustainable growth. Our Five Year Transport Delivery Plan will also be used to incorporate the strategic transport interventions needed for the new GMSF growth allocations into Greater Manchester's wider programme and funding requirements. Our Five Year Transport Delivery Plan is the framework for transport investment, across Greater Manchester, required to support growth throughout the GMSF plan period and as such should be read alongside this chapter.
- 10.27** We will continue to invest in a wide range of initiatives intended to ensure that the transport system as a whole works more effectively, to reduce carbon and create cleaner air as well as to eliminate barriers to travel and proactively respond to changing transport innovations, including:
- The Clean Air Plan, a package of interventions that are reasonably expected to reduce NO2 concentrations to legal levels and have wider air quality benefits;
 - Carbon Reduction measures that support the 2040 Right Mix, 5 Year Environment Plan and the long-term environmental ambition for carbon neutrality by 2038;
 - The roll-out and mainstreaming of innovation and future mobility technologies;
 - Further phases of Greater Manchester's smart ticketing initiative;
 - Targeted behaviour change activities through established programmes; and
 - Safety and security measures and programmes to make our transport network safe and secure for all users.
- 10.28** Central Government funding and support from developers, will be essential for the delivery of some of these transport interventions. New developments will also help generate the demand for transport services that will make new investment viable.

Policy Policy GM-N 1

Our Integrated Network

In order to help deliver an accessible, low carbon Greater Manchester with world-class connectivity, Greater Manchester's authorities will support a range of measures, including:

¹²³ GMCA (2017) *Greater Manchester Transport Strategy 2040*

¹²⁴ Visit <http://www.tfgm.com/2040> for the latest version of the *Greater Manchester Transport Strategy 2040* Delivery Plan

1. Delivering a pattern of development that minimises both the need to travel and the distance travelled by unsustainable modes to jobs, housing and other key services, including healthcare, education, retail, recreation and leisure facilities, green space and green infrastructure;
2. Enabling the provision of high quality digital infrastructure;
3. Locating and designing development, to deliver a significant increase in the proportion of trips that can be made by walking, cycling and public transport;
4. Transforming transport infrastructure and services by securing investment in new and improved transport infrastructure and services that will:
 - promote social inclusion, support economic growth, reduce carbon emissions and protect our environment and air quality;
 - meets customers' needs by being integrated, reliable, resilient, safe and secure, well-maintained, environmentally responsible, attractive and healthy; and
 - provide access to jobs and other key services, including healthcare, education, retail, recreation and leisure facilities, greenspace and green infrastructure.
5. Ensuring that development and transport investment fully considers the needs of all people and those modes which make most efficient and sustainable use of Greater Manchester's limited road space, by following the Global Street Design Guide⁽¹²⁵⁾ hierarchy (highest priority first):
 - a. Pedestrians (and people using mobility aids);
 - b. Cyclists, powered two-wheelers, and public transport users;
 - c. People doing business or providing services (such as taxis/private hire, deliveries or waste collection)
 - d. People in personal motorised vehicles
6. Developing local transport industry skills and education to ensure the right skills are available into the future.

Digital Connectivity

- 10.29** Digital connections are increasingly important to every aspect of our lives, from socialising and shopping to learning, business and accessing essential services. They enable us to connect to people on the other side of the world as easily as on the same street. As these connections open up a range of opportunities it is important everyone can access them so that they can fully participate in society and our economy.

125 Footnote for Global Street Design Guide: <https://nacto.org/global-street-design-guide-gsdg/>

- 10.30** Any truly global city will need to have widespread, affordable, reliable, secure and future-proofed digital infrastructure that provides a competitive edge for businesses and supports high-levels of social inclusion. This will be essential if Greater Manchester is to capitalise on new innovations, such as artificial intelligence, the Internet of Things and connected and autonomous vehicles. Big data will also enable the city-region to be managed more effectively. By facilitating more home-working, good digital infrastructure can also help reduce the need for travel and therefore help reduce carbon emissions, traffic congestion and air pollution.
- 10.31** Digital connections will be imperative to the design, development and delivery of future services in the context of an expanding global city. Such services may include heat, energy, utilities and mobility.
- 10.32** In order to achieve its ambition to be the UK's leading digital city and in the top five in Europe⁽¹²⁶⁾ it is fundamental for all parts of the city-region to have access to world-class digital connections at an affordable price. Greater Manchester already has a vibrant digital economy, with particular strengths in high-value sectors such as the creative industries, health innovation, and advanced manufacturing and materials. However, the city-region suffers from similar problems to many other parts of the country in terms of limited roll-out of full fibre broadband, uneven access to affordable digital connections, and limited access to mobile networks, especially in rural areas. Greater Manchester's current strategy for becoming a Digital city-region is set out in the Greater Manchester Digital Strategy 2018-2020.
- 10.33** Improving Greater Manchester's digital infrastructure and ensuring that new development is connected to it is therefore a high priority. The development industry has a significant role in enabling this priority, as well as benefiting from it. It will be important to accelerate the delivery of full fibre gigabit-capable networks and to be at the forefront of the roll-out of next generation mobile technology. Recent decades have shown the speed with which digital technology evolves, with a new generation of mobile technology being introduced around every ten years. The digital infrastructure of Greater Manchester will therefore need to adapt and evolve throughout the GMSF period.

Policy Policy GM-N 2

Digital Connectivity

Greater Manchester's ten local authorities and the GMCA support the provision of affordable, high quality, digital infrastructure. Developers are expected to work and share costs with telecoms operators as appropriate to maximise coverage and enable consumers to make informed choices. It is expected that internet connections will work immediately when residents move into new properties.

In making decisions Greater Manchester's authorities will support a range of measures, including:

126 Greater Manchester Combined Authority (October 2017) *Our people our place: The Greater Manchester Strategy*, paragraph 7.13

1. Enabling the roll-out of latest generation mobile technology and full fibre to the premises connectivity, in a way that maximises coverage whilst protecting townscape quality and ensuring an ability to respond to updated/changing technology;
2. Requiring all new development to have full fibre to premises connections, unless technically infeasible, and to incorporate multiple-ducting compliant with telecoms standards, to facilitate future-proof gigabit-capable network connections; and
3. Facilitating the provision of free, secure, high speed public wi-fi connections, particularly in the most frequented areas.

Our Public Transport

- 10.34** If Greater Manchester's overall vision is to be achieved then there will have to be an increase in the use of public transport, particularly for medium and longer-distance trips.
- 10.35** One of the main factors supporting a growth in public transport services and usage is population density. The more people that live in an area the greater the potential for more frequent, affordable and accessible public transport. As such, the policies elsewhere in the GMSF encourage concentrated regeneration and development that have the potential to increase the attraction and availability of public transport.
- 10.36** It will be vital to deliver a comprehensive and integrated public transport network, which enables people to change between different services and make a much wider range of trips than just those to and from Manchester city centre. This will be important if the public transport system is to respond to the needs and complexities of people's travel demands and provide a genuine alternative to the car. It will also be vital that the public transport network is fully integrated with the walking and cycling network, so that people can easily access it without driving.
- 10.37** Our public transport network plays a vital role in tackling congestion and providing access to work, leisure and other destinations. Increasing usage of public transport is key to achieving our right mix objectives of zero net growth in motor vehicle traffic. An ambitious programme of investment to improve and extend the reach of our public transport is set out in Our Five Year Transport Delivery Plan. This includes interventions that are committed for delivery in the next five years, and interventions that currently require further development in the next five years and beyond.
- 10.38** We aim to invest in Our Bus and the GM highway network to reverse the decline in bus patronage and increase bus use by measures including:
- Development of Quality Bus Transit Corridors through whole-route upgrades of key bus routes and Bus Corridor Upgrades focused on delivering improvements to bus journey time and reliability;
 - Development of Bus Rapid Transit (BRT) links for longer and middle-distance journeys;
 - New multi-modal interchanges;

- Development of new bus services; and
- Enhancement of our Ring and Ride offer.

10.39 We plan to build on the success of our Metrolink through measures to improve reliability, capacity and customer experience including:

- New stops / travel hubs on the Metrolink network;
- New Metrolink connections, including exploring the feasibility of Tram-Train;
- Renewing our Metrolink fleet assets providing more trams and expanding Tram Management Systems to increase capacity and resilience; and
- A City Centre Metro Tunnel.

10.40 Working with rail industry partners, we plan to deliver a number of key priorities for GM and continue work on long term, large scale projects that will improve the reliability, capacity and customer experience of rail travel, including:

- Central Manchester / Castlefield Corridor capacity expansion;
- Stockport area rail infrastructure improvements;
- A programme of rail improvements on key rail corridors including further electrification to address capacity issues and reduce the carbon footprint and air quality impact of rail operations;
- Station enhancements including access for all and platform lengthening;
- New stations; and
- HS2 / NPR (Northern Powerhouse Rail) including growth strategies at Piccadilly, the Airport, Stockport and Wigan.

10.41 Additionally, Greater Manchester will work with its rail partners to help to ensure that sufficient stabling and depot facilities are available to improve network resilience.

10.42 Improved access to Metrolink, Bus Rapid Transit stops and Rail stations through the provision of Travel Hubs that expand the catchment of rapid transit (by facilitating the “first and last mile” of a trip) and Park and Ride facilities, may also be required to enable those more distant from public transport to access the network. Shared services (such as car clubs and bike hire), demand-responsive services such as Local Link and taxis, and electrification of both private and shared vehicles with appropriate Ultra Low Emission Vehicle (ULEV) charging infrastructure, are also likely to play an important role.

10.43 This will all require an enormous amount of additional investment in infrastructure and services, and in supporting initiatives such as integrated smart ticketing, reform of the bus market and rail refranchising. Careful prioritisation of investment will be needed to ensure that maximum benefit is delivered from the available public and private funding. Even with a major increase in investment, there will still be some locations that are not particularly well-served by public transport. It will be important to ensure that options are available that enable people to make the trips that they need to without, owning or having access to a car.

- 10.44** The complexity of the public transport network, coupled with the scale of investment needed, means that it is not possible at this stage to identify all the interventions needed. Further work will be required throughout the GMSF plan period to identify and deliver new routes and services that function effectively as part of the overall network. The new routes and services will be influenced by development and, as they are delivered, they will influence new development in turn.
- 10.45** The scale and lead-in times for the more significant public transport infrastructure, such as a potential city centre tunnel, will mean that construction may only begin towards the end of the GMSF plan period and completion may be beyond 2037.

High Speed Rail 2 (HS2) and Northern Powerhouse Rail (NPR)

- 10.46** Improved public transport between Greater Manchester and other cities will help reduce long-distance car use, support business, and open-up a wider range of employment and leisure opportunities for residents. Delivery of HS2 and Northern Powerhouse Rail will put Manchester Piccadilly, Manchester Airport, Stockport and Wigan at the heart of a new high-quality rail network with high-speed connections to London and Birmingham, and faster direct routes to Leeds, Sheffield and Liverpool.
- 10.47** The first northern phase of HS2 will create a high-speed line to Crewe and allow classic compatible services to run to Stockport and Manchester Piccadilly.
- 10.48** New High Speed 2 (HS2) railway lines are planned to be operational within the City Region by 2033. As currently proposed, there will be two HS2 lines running through the City Region, having split in two just south of the conurbation. One leg travels to a transformed Manchester Piccadilly station via a new station to the west of Manchester Airport; the second leg runs through western Trafford to join the West-Coast Mainline south of Wigan with Wigan North Western also being served by HS2.
- 10.49** HS2 is one of the most significant transport infrastructure projects in the UK over recent decades and will bring significant benefits to the City Region, particularly when coupled with the introduction of Northern Powerhouse Rail (NPR). Together they will provide high speed rail connections to London via Birmingham and between the cities of the north.
- 10.50** Proposals for HS2 and NPR will consolidate the position of Greater Manchester as one of the most connected areas in the UK and will support existing businesses, inward investment and job creation. Greater Manchester supports the economic benefits of HS2, but we will seek to ensure that any negative impacts on our communities and natural environment are kept to a minimum.
- 10.51** On 6 June 2019 Secretary of State issued revised safeguarding directions for HS2 Phase 2b Western Leg (Crewe to Manchester) and Eastern Leg (West Midlands to Leeds), with connections onto the existing network which replace all previous versions. Additional Safeguarding Directions were issued 15 April 2020 independently of the June 2019 Directions, which continue to apply. Safeguarding Directions require local planning authorities to consult HS2 Ltd on all relevant planning applications within the safeguarded area as set out in the

Directions in order that the proposals can be assessed for any conflict with plans for the railway. The aim of safeguarding is not therefore necessarily to prevent development on the land that may be needed to build and operate the railway, but to ensure that no conflict is created.

- 10.52** It should be noted that Government has made it clear that Safeguarding Directions⁽¹²⁷⁾ will be kept under review and updated as the project evolves and as the level of engineering detail facilitates a greater understanding of the actual land required.

Policy Policy GM-N 3

Our Public Transport

Major improvements to the public transport network are at various stages of development and an ambitious programme for delivering public transport interventions is set out within Our Five Year Transport Delivery Plan. In order to help deliver major improvements to our public transport, Greater Manchester's authorities will support a range of measures, including:

1. Enhanced connections to other major cities, with Greater Manchester at the hub of a high-speed rail connection to London and Northern Powerhouse Rail;
2. Increased capacity at the bottlenecks in Manchester city centre and Stockport on both light and heavy rail networks to enable improvements to reliability, resilience and capacity across the whole of Greater Manchester;
3. Improved public transport routes and services to the City Centre and wider Core Growth Area;
4. Improved public transport routes and services to Manchester Airport;
5. Better integration of services and between public transport modes and enhanced connections between other town centres, key locations, major allocations and public transport interchanges, and the upgrading of key sections of the strategic public transport network;
6. More and higher quality public transport stations and interchanges with suitable capacity and better integration of different public transport modes and services;
7. Improved access to rapid transit routes including first/last mile solutions.

- 10.53** Further information on the strategic approach to public transport is set out in the Greater Manchester Transport Strategy 2040 refresh and Our Five Year Transport Delivery Plan provides further detail on the public transport interventions currently proposed.

127 <https://www.gov.uk/government/collections/safeguarding-information-and-maps-for-hs2>

Our Streets

The Strategic Road Network

- 10.54** Greater Manchester benefits from a strategic location on the national motorway network, but some stretches of the city-region's motorways and trunk roads (known as the Strategic Road Network) are among the most congested and unreliable in the country. Major investment is already coming forward through the Highways England Roads Investment Strategy (RIS) to address some of these issues, for example through progression of the Smart Motorway programme for the M56, M62 and M6 and the Simister Island interchange improvements.
- 10.55** Greater Manchester is continuing to work in partnership with Department for Transport, Highways England and Transport for the North to address other SRN issues through major studies such as the Manchester M60 North West Quadrant Study, which is looking at the operation of the M60 between Junctions 8 and 18, and the Trans-Pennine Tunnel Study, which is exploring options to improve highway connectivity between the Greater Manchester and Sheffield City Regions. The recommendations of these and other studies could have major implications for Greater Manchester, both in terms of improving connectivity and network reliability and the physical impacts of new infrastructure. In the southern part of Greater Manchester, the study at the Airport around the M56 and the proposed study of the M60 corridor in the south-east will also be key. However, the scale and lead-in time for some of the infrastructure proposals and the five-year planning/investment periods for RIS may mean that they are only completed towards the end of the GMSF plan period or beyond.

Streets for All

- 10.56** Streets for All is Greater Manchester's integrated approach to taking decisions about all streets in our city-region in a way that helps to balance the complex demands of everyone who uses, lives and works alongside our streets. The significant economic and population growth in Greater Manchester over the past 20 years has also led to rapid growth in demand for travel and traffic across the conurbation. In parallel, the city-region has also seen a growth in communities living in and around our urban centres and the City Centre. This has led to a range of pressures on our streets, in local neighbourhoods, town and city centres and on major corridors, such as excess traffic, parked vehicles and local air pollution.
- 10.57** Streets for All provides a new way of managing our streets to help achieve the ambition for 50% of all journeys in Greater Manchester to be made by walking, cycling and public transport by 2040.
- 10.58** Central to this is enabling people to switch more of the short journeys – that are currently made by car – to walking or cycling. Half of all journeys will continue to be made by car and we will continue to support those journeys, but if we want more people to spend more time on streets, travelling sustainably, we need a people-centred approach to the decisions we make about how our streets are designed and managed. This will be essential for delivering a high quality of life, meeting environmental objectives, supporting social inclusion, and enabling Greater Manchester to compete with cities across the world for residents, skilled workers and tourists.

- 10.59** Recognising that the streets of Greater Manchester vary greatly is at the heart of the Streets for All approach. Each street is unique, and many of them change in character throughout the day, across the week and along their length. Streets for All entails nurturing the distinct character of each street, based on a good understanding of what both local communities and people travelling want from different streets.
- 10.60** There will remain some places where streets act as vital social spaces, supporting community cohesion and local businesses, while others function mainly as routes for the movement of goods and people. Understanding this balance between functions will enable us to address a range of issues including:
- Poor air quality and high carbon emissions from road transport;
 - Congestion caused by increased use of private vehicles;
 - Low levels of physical activity as people make fewer journeys on foot or by bike;
 - Too many road traffic injuries and deaths;
 - Communities divided by major roads;
 - Declining use of buses;
 - Fewer children playing in our streets;
 - Increased isolation, particularly for older or mobility impaired people, and those without access to a car; and
 - Limited community cohesion and social interaction influenced by poor quality of place and hostile environments.
- 10.61** Streets for All allows all these issues to be addressed through a single, coherent approach. Whilst the emphasis will be on sustainable travel, there will still be a need for targeted improvements to the highway network so that people and goods can move around the city-region efficiently. It will, however, be essential that any highways investment is part of a comprehensive multi-modal strategy that supports the overall aim of increasing walking, cycling and public transport, to avoid generating a higher proportion of car journeys.
- 10.62** There is great potential to increase walking, cycling and public transport to and from the city centre, in our town centres and in local neighbourhoods. The ambition is to better support these types of journeys through a combination of good urban planning and making streets safer and more welcoming. This means:
- People will benefit from an attractive and inclusive walking environment;
 - Streets will provide a safe and connected cycling experience;
 - Goods will reach their destinations on time, with minimal impact on local communities;
 - Streets will facilitate a reliable, integrated and accessible public transport network;
 - Streets will feel like welcoming and healthy places to spend time;
 - They will enable us to harness future mobility innovations; and
 - On our streets, we will make best use of existing assets.

Policy Policy GM-N 4

Streets for All

Greater Manchester's streets will be designed and managed to make a significant positive contribution to the quality of place and support high levels of walking, cycling and public transport. Targeted improvements to the highway network will be supported through studies and scheme development, where they complement the aim of securing a significant increase in the proportion of trips made by walking, cycling and public transport (as set out in Policy Policy GM-N 5 'Walking and Cycling' and Policy Policy GM-N 3 'Our Public Transport').

Greater Manchester's authorities will work with Department of Transport, Highways England, Transport for the North and TfGM to ensure:

1. The design and management of Greater Manchester's streets comprises a Street for All approach, including by:
 - a. Understanding the 'movement and place function' of streets as the starting point for improvement;
 - b. Ensuring that streets are welcoming for all, and respond to the needs of those with reduced mobility;
 - c. Delivering new and improved walking and cycling routes as part of the delivery of the "Bee Network";
 - d. Maximising the ability of pedestrians and cyclists to navigate easily, safely and without delay, and minimising barriers and obstacles to their movement;
 - e. Providing frequent opportunities for people to rest, linger and socialise, and for children to play, particularly in streets with a high 'place function';
 - f. Setting aside space for cycle parking (including for bike-sharing schemes where appropriate), high-quality public transport waiting areas, and other facilities that will support sustainable modes of travel;
 - g. Incorporating increased levels of greenery including trees where possible;
 - h. Offering shelter from wind and rain, and shade from the sun;
 - i. Delivering priority for public transport and facilities for public transport users;
 - j. Providing appropriate places and routes for servicing, deliveries and 'drop-off';
 - k. Mitigating the impacts of air and noise pollution and carbon emissions from road transport;
 - l. Ensuring the efficient movement of people and goods on streets with a high 'movement function' and;
 - m. Harnessing new mobility innovations such as traffic signals technology and ULEV charging infrastructure.
2. Improvements to the highways network are part of a multi-modal strategy to increase public transport, cycling and walking and improve access for all;
3. Any new infrastructure minimises the negative effects of vehicle traffic; and

4. New infrastructure includes provision for utilities and digital infrastructure where required.

- 10.63** Further information on Street for All and the strategic approach to highway infrastructure improvements is set out in the Greater Manchester Transport Strategy 2040 refresh and Our Five Year Transport Delivery Plan provides further detail on the highway infrastructure interventions currently proposed.

Walking and Cycling

- 10.64** Currently almost half of the trips made by Greater Manchester residents are less than 2km in length with over 40% of these trips being made by car. There is therefore great potential for increasing cycling and walking in Greater Manchester which will be fundamental in achieving the city region's overall transport vision.
- 10.65** Both walking and cycling have minimal costs and are open to people of all ages. So encouraging more people to walk and cycle will support greater social inclusion and independence. The increased physical exercise they bring, particularly in comparison to driving, will also help benefit Greater Manchester's health and wellbeing. By encouraging fewer people to drive for shorter journeys we will help reduce carbon emissions, congestion, air and noise pollution and the other negative impacts of vehicle traffic.
- 10.66** If walking and cycling are to become the natural choice for shorter journeys, then a dramatic improvement in the quality and extent of Greater Manchester's walking and cycling infrastructure will be required. New and improved routes will be needed, and the barriers that currently discourage people from walking and cycling will need to be removed. High-quality walking and cycling infrastructure will also be vital in increasing the use of public transport, and so will need to be integrated with the public transport network.
- 10.67** Central to all of this will be the delivery of the Greater Manchester Cycling and Walking Infrastructure Proposal (Bee Network), which is a vision for Greater Manchester to become the first city-region in the UK to have a fully joined up walking and cycling network.⁽¹²⁸⁾ Greater Manchester's Cycling and Walking Investment Plan Change a Region to Change a Nation sets out our ambition to connect every neighbourhood and community in Greater Manchester, covering over 1,800 miles of route. The network will have a single identity across Greater Manchester, using the symbol of the worker bee, which will represent a promise of route quality: that all such routes will be easily useable by a competent 12 year old on a bike, or by a parent pushing a double buggy. A broad range of improvements will be required, varying from route to route, including easy crossing points of major roads, innovative junction designs, 'active' neighbourhoods with through motor traffic removed, and the creation of fully segregated cycleways on major corridors.

¹²⁸ Mayor of Greater Manchester, Greater Manchester Combined Authority and Transport for Greater Manchester (2018) *Greater Manchester's cycling and walking infrastructure proposal*

Policy Policy GM-N 5

Walking and Cycling

In order to help deliver a higher proportion of journeys made by walking and cycling, Greater Manchester's authorities will support a range of measures, including:

1. Creating safe, attractive and integrated walking and cycling infrastructure, connecting every neighbourhood and community across Greater Manchester using national and locally adopted design guidance;
2. Ensuring routes are direct, easily navigable and integrated with the street and public transport network;
3. Creating active neighbourhoods and street networks which are more permeable to walking and cycling than to the private car, creating an active incentive to walk and cycle;
4. Creating, where needed, dedicated separate space for people walking and cycling, with pedestrians and cyclists given priority at junctions and crossings which form part of the Bee Network;
5. Increasing the capacity and quality of walking and cycling infrastructure in locations where significant growth in the number of short journeys is anticipated, and where quality of place improvements are proposed;
6. Utilising and enhancing green infrastructure, including canals, parks and recreation grounds, to create opportunities for walking and cycling; and
7. Ensuring that new developments are planned and constructed with walking and cycling as the primary means of local access, and fully integrated into the existing walking and cycling infrastructure in accordance with GM-N7.

10.68 Further information on the strategic approach to walking and cycling is set out in the Greater Manchester Transport Strategy 2040 refresh. Our Five Year Transport Delivery Plan and Greater Manchester's Walking and Cycling Investment Plan (Change a Region to Change a Nation) provide further detail on the walking and cycling interventions currently proposed.

Freight and Logistics

10.69 Freight is essential for both Greater Manchester's economy and productivity. It supports a broad range of sectors, including manufacturing, retail and waste management. Logistics is also an important sector in its own right, with significant growth potential within the city-region. The GMSF identifies a strong portfolio of employment sites, many of which will be suitable for logistics, including regional and national distribution centres. Logistics is also becoming even more important to everyday life, with the increase in internet shopping and demands for same or next day deliveries.

10.70 Ideally, more freight should be moved by rail and water, particularly over longer distances, to reduce highway congestion, greenhouse gas emissions and air pollution. Greater Manchester benefits from having a large rail freight terminal at Trafford Park, which provides

daily services to/from the major ports of Felixstowe, Southampton and London Gateway. Sustainable freight will be further enhanced by the completion of Port Salford, which will provide rail connections via the main Manchester-Liverpool line, shipping links along the Manchester Ship Canal to the deep-water facilities at the Port of Liverpool, and a new on-site container terminal. It will be important to make the most of these facilities as additional opportunities for new rail and water-served sites elsewhere in Greater Manchester are limited.

- 10.71** Many logistics sites in Greater Manchester will be reliant on road-based freight, taking advantage of the strategic location within the national motorway network. This reinforces the importance of delivering the strategic highway improvements identified in the previous policy. Greater Manchester also benefits from outstanding air freight connections at Manchester Airport and its World Freight Terminal.
- 10.72** The growth in on-line retailing and ‘just in time’ approaches to manufacturing and other businesses is increasing the number of smaller scale deliveries, contributing to congestion and pollution particularly in urban areas. Higher population and employment densities in locations such as the city centre will exacerbate these pressures. It will therefore be important to manage such deliveries in a way that minimises their adverse impacts, such as through centres where deliveries can be consolidated, the use of low- and zero-emission vehicles including electric vehicles, cargo bikes and E-cargo bikes, changing procurement practices, and avoiding the need for repeat delivery attempts. This could require shared facilities where different operators can consolidate their deliveries.

Policy Policy GM-N 6

Freight and Logistics

Greater Manchester’s authorities will support the more efficient and sustainable movement of freight, including by:

1. Protecting existing rail- and water-served sites and associated infrastructure.
2. Completing the tri-modal Port Salford, including a rail spur from the Manchester-Liverpool line, canal berths on the Manchester Ship Canal, and a container terminal.
3. Accommodating the expansion of air freight activities at Manchester Airport.
4. Enabling the provision of consolidated distribution centres and the use of low- and zero-emission vehicles including electric vehicles, cargo bikes and E-cargo bikes for local and last mile deliveries.
5. Ensuring that new development makes appropriate provision for deliveries and servicing in terms of road safety, traffic congestion and environmental impacts, in accordance with Policy GM-N 7.

Transport Requirements of New Development

- 10.73** The location, design and density of development is fundamental, as it influences how far people need to travel and their ability to make these journeys by sustainable modes as well as equality of opportunity for all. Good access to local facilities and amenities is critical to encouraging sustainable journeys by providing opportunities to work, learn, shop, play and socialise locally. To be sustainable, developments need to be located close to existing facilities or be mixed use developments that provide community facilities such as schools, healthcare centres, shops, parks and play areas. Higher density developments help to make the provision of these community facilities and public transport economically viable.
- 10.74** The design of new development will be critical in encouraging more people to walk, cycle and use public transport. It will also help minimise the negative effects of car dependency, such as traffic congestion, greenhouse gas emissions, air and noise pollution and poorer quality places. Given the importance of these issues for Greater Manchester, and the related objectives in improving health and quality of life, it is critical that we get this right.
- 10.75** Increased traffic is often one of the biggest concerns for existing residents when faced with new development, however there is potential for growth to provide new opportunities for improved public transport, cycling and walking that can benefit both new and existing communities.
- 10.76** Although the focus is on increasing walking, cycling and public transport, it must be recognised that there is a need to accommodate other forms of transport. New development will be designed to make these journeys as sustainably as possible, for example by supporting the use of low- or zero-emission vehicles by providing the appropriate ULEV charging infrastructure for both private and shared vehicles. Improvements to the public transport network are planned, but it will be impossible to provide every part of Greater Manchester with good public transport access at all times. Flexible on-demand and shared services such as car clubs, Local Link and taxis, will have an important role to play in filling the gaps in public transport routes and services, and so it will be important that new developments are designed to accommodate them where appropriate.

Policy Policy GM-N 7

Transport Requirements of New Development

Planning applications will be accompanied by a Transport Assessment/Transport Statement and Travel Plan where appropriate. Greater Manchester's authorities will require new development to be located and designed to enable and encourage walking, cycling and public transport use, to reduce the negative effects of car dependency, and help deliver high quality, attractive, liveable and sustainable environments.

We will do this by:

Connectivity and Permeability

1. Prioritising safe and convenient access to the site and buildings for all users in accordance with the user hierarchy in Policy GM-N 1 'Our Integrated Network', including;
 - Prioritising new and enhanced walking, cycling and public transport routes and stops, through and around the site. These routes should:
 - be direct, safe and convenient;
 - connect to nearby facilities, employment areas, public transport stops; and
 - improve the coverage, quality and integration of the wider walking and cycling infrastructure and public transport provision;
 - Ensuring that new developments are planned and constructed with walking and cycling as the primary means of local access, and fully integrated into the existing walking and cycling infrastructure
 - Ensuring that new development is connected visually and physically; within the site and to the surrounding built environment;
2. Ensure appropriate connectivity to the existing highway network.

Design

3. Reducing the need to travel by ensuring that community facilities, services and amenities are provided within the site or within walking distance of new development;
4. Incorporating highway design at a human scale using street-based prescriptions such as those within Manual for Streets and/or any locally adopted design guidance, to ensure that highways do not dominate the development;

Public Transport

5. Ensuring through funding improvements where appropriate) that the nearest public transport stops (both within and adjacent to the development site) are attractive to users in terms of seating, shelters, information and easy step-free access;
6. Subsidising new or amended public transport services where the development would otherwise have inadequate public transport access;

Parking Infrastructure

7. Complying with any parking standards set out in local plans including making adequate parking provision for disabled car drivers and passengers;
8. Ensuring that car parking provision is well integrated and unobtrusive, so it supports the street scene; and where appropriate parking provision is flexible and can be adapted over time to reflect demand.

9. Incorporating enough secure and covered cycle parking to meet long-term demand from occupiers and visitors in a convenient location that helps to maximise its use, and for workplaces, where appropriate providing:
 - i. Showers, changing facilities and lockers for cyclists and walkers
 - ii. Pool or hire bikes for use by occupiers
 - iii. Information in advance about facilities to visitors.
10. Promoting alternatives to car ownership, such as the use of ULEV car clubs rather than the provision of private car parking spaces;
11. Promoting the increased provision of ULEV charging infrastructure including meeting any standards set by local plans.

Access and Servicing

12. Providing designated pick-up/drop-off points for taxis and other demand-responsive transport services where appropriate, taking into account the potential increase in demand if car ownership falls;
13. Making appropriate provision for deliveries and servicing (including requiring Delivery and Servicing Plans for appropriate developments), in a way that:
 - meets road safety requirements,
 - reduces transport emissions and other environmental impacts,
 - reduces traffic congestion, the number of vehicle movements and the need for repeat deliveries;

Construction Management

14. Ensuring Construction Management Plans are produced for developments, where appropriate, to mitigate construction logistics and environmental impacts including air quality and noise on the surrounding area and encourage sustainable deliveries.

District Local Plans may set out mechanisms through which new development will be required to make a proportionate financial contribution to the delivery of new transport infrastructure and/or services, necessary to support its successful functioning in accordance with relevant national policy, guidance and regulations.

- 10.77** District Local Plans may set out mechanisms through which new development will be required to make a proportionate financial contribution to the delivery of new transport infrastructure and/or services, necessary to support its successful functioning in accordance with relevant national policy, guidance and regulations.



Site Allocations

- 11.1** To deliver the inclusive and prosperous future outlined in the Greater Manchester Strategy, Greater Manchester Authorities have sought to maximise the use of land outside of the Green Belt, giving the highest priority to brownfield land.
- 11.2** The majority of the development required to deliver the GMSF's spatial strategy will be within the existing urban area. Figure 11.1 'Existing land identified for office, industrial/warehousing and housing development 2020' shows the existing land identified for office, industrial and housing development through the 10 districts' land availability assessments. This land supply includes the identification of suitable brownfield sites and where appropriate the optimisation of density ratios, in line with the overall strategy. As appropriate, district Local Plans will allocate sites from this supply.

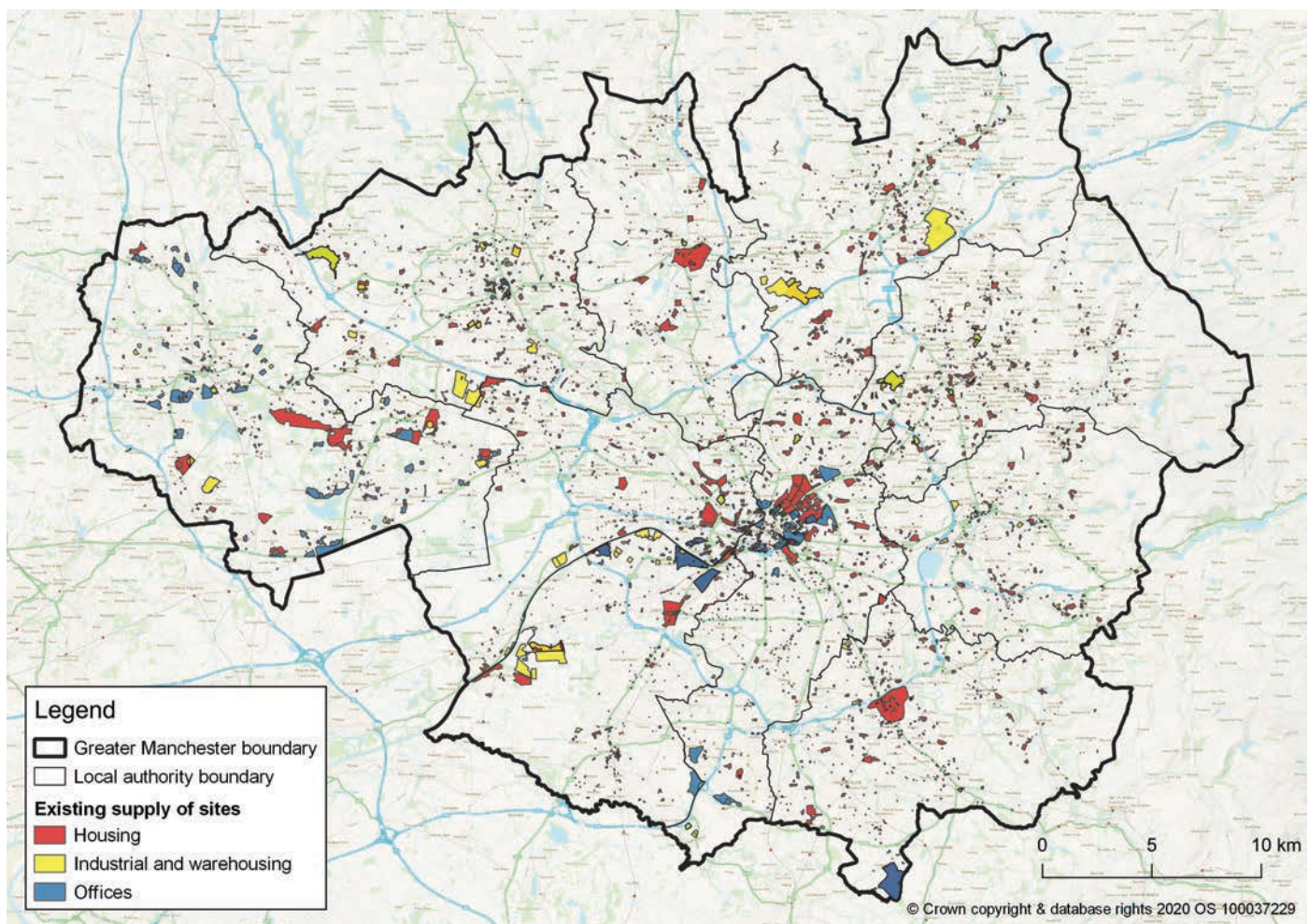


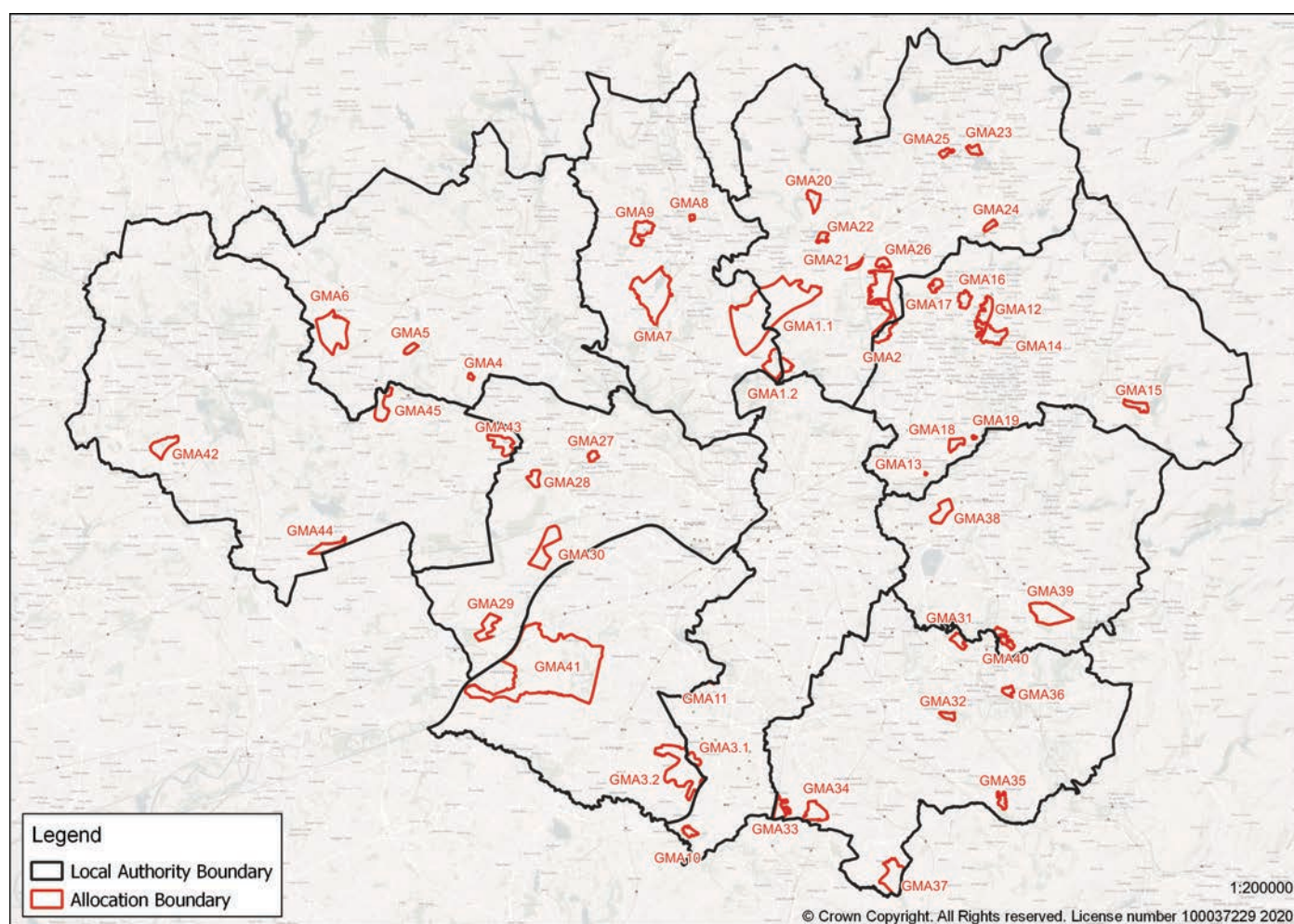
Figure 11.1 Existing land identified for office, industrial/warehousing and housing development 2020

- 11.3** As set out in both “Prosperous Greater Manchester” and “Homes for Greater Manchester”, insufficient land has been identified within these assessments to meet the development needs of Greater Manchester.

- 11.4** Discussions have taken place with neighbouring local authorities to determine whether it would be appropriate for them to meet some of the development needs of Greater Manchester, but it has been agreed that this would not be appropriate as it would require them to release parts of their own Green Belt and would be likely to lead to less sustainable commuting patterns.
- 11.5** Some additional development sites, outside the urban area, are therefore required to deliver the inclusive growth Greater Manchester needs. The role of the GMSF is to identify these sites, provide the policy context for their development and make the associated changes to the Green Belt. Combined with the existing land supply these sites will enable Greater Manchester to meet its overall objectives.
- 11.6** The sites identified reflect the overall spatial approach set out in 4 'Our Strategy' with the aim of making the most of existing locations and assets whilst providing opportunities across Greater Manchester that help address current disparities. The identification of the sites within this section will help to achieve the sustained economic growth in the Core and southern parts of the conurbation whilst significantly boosting the economic competitiveness of the northern districts in Greater Manchester. This is not only linked to the provision of new jobs and opportunities but also the choice and quality of housing, the infrastructure required to support the new development and the delivery of high quality places.
- 11.7** The strategic employment allocations have been selected based on their location and the opportunity they provide to address some of the economic disparities evident within the conurbation. Some of these sites straddle local authority boundaries and are of a scale that are nationally and, in some cases, globally significant in terms of attracting new businesses and investment.
- 11.8** The strategic housing allocations provide an opportunity to widen housing choice within districts. This will include the provision of affordable housing as well as larger and higher value homes in those areas which there is currently a lack of such housing. This will create a more inclusive housing offer across Greater Manchester and improve the overall housing offer within individual districts and improve their ability to attract and retain residents.
- 11.9** To ensure that these strategic allocations deliver scale and quality of development required the use of masterplans, where appropriate, will be an important component in ensuring a comprehensive approach to development which is aligned with the delivery of associated infrastructure. This approach will help to deliver high quality, sustainable places which maximises the benefits of the land release for development.
- 11.10** If successful places are to be created then it will be vital that developments deliver the infrastructure and facilities necessary to support them. The specific type and scale of infrastructure required to support this new development is set out within the policies. This includes infrastructure relating to accessibility, public transport, social infrastructure (such as schools, health and community facilities) and green infrastructure (including open spaces

and biodiversity resources). More general requirements that would be applied to all development are set out in the broader thematic policies set out in earlier sections of the plan.

- 11.11** Where this plan releases sites from the Green Belt, as set out in 'The Greater Manchester Green Belt', Green Belt policies will be strictly applied except in the case of planning applications complying with the relevant allocation policies in this section.
- 11.12** Picture 11.2 'GMSF Allocations 2020' shows all the sites allocated within the GMSF. These are defined on the Policies Map and a detailed policy framework for each allocation is set out in this Chapter.



Picture 11.2 GMSF Allocations 2020

District	GMSF 2020 Policy Number	2020 Policy Name
Cross Boundary	GMA1.1	Northern Gateway Heywood Pilsworth

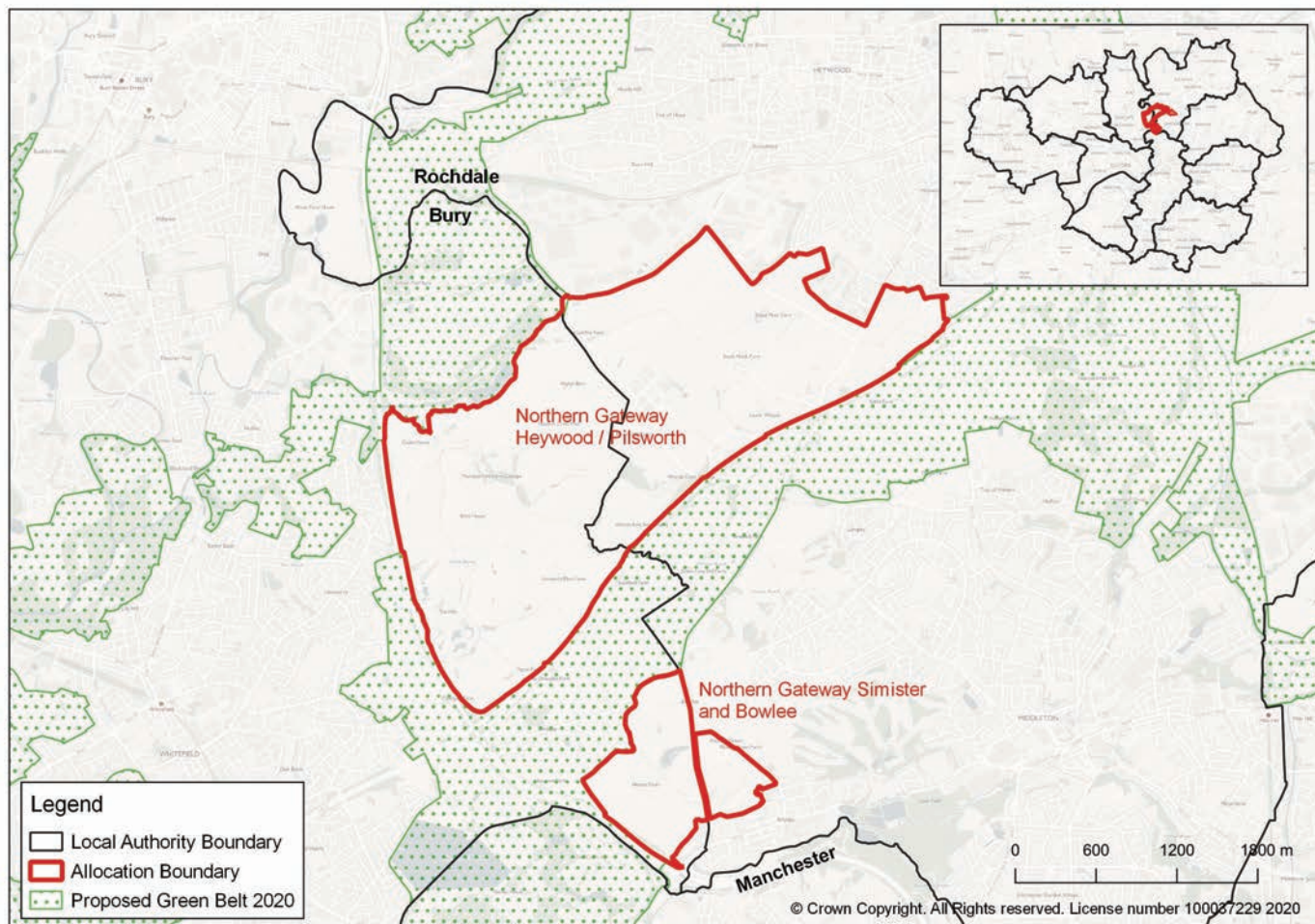
District	GMSF 2020 Policy Number	2020 Policy Name
Cross Boundary	GMA1.2	Northern Gateway Simister and Bowlee
Cross Boundary	GMA2	Stakehill
Cross Boundary	GMA3.1	Medipark
Cross Boundary	GMA3.2	Timperley Wedge
Bolton	GMA4	Bewshill Farm
Bolton	GMA5	Chequerbent North
Bolton	GMA6	West of Wingates
Bury	GMA7	Elton Reservoir
Bury	GMA8	Seedfield
Bury	GMA9	Walshaw
Manchester	GMA10	Global Logistics
Manchester	GMA11	Southwick Park
Oldham	GMA12	Beal Valley
Oldham	GMA13	Bottom Field Farm (Woodhouses)
Oldham	GMA14	Broadbent Moss
Oldham	GMA15	Chew Brook Vale (Robert Fletchers)
Oldham	GMA16	Cowlishaw
Oldham	GMA17	Hanging Chadder
Oldham	GMA18	Land south of Coal Pit Lane (Ashton Road)
Oldham	GMA19	South of Rosary Road
Rochdale	GMA20	Bamford and Norden
Rochdale	GMA21	Castleton Sidings

District	GMSF 2020 Policy Number	2020 Policy Name
Rochdale	GMA22	Crimble Mill
Rochdale	GMA23	Land north of Smithy Bridge
Rochdale	GMA24	Newhey Quarry
Rochdale	GMA25	Roch Valley
Rochdale	GMA26	Trows Farm
Salford	GMA27	Land at Hazelhurst Farm
Salford	GMA28	East of Boothstown
Salford	GMA29	North of Irlam Station
Salford	GMA30	Port Salford Extension
Stockport	GMA31	Bredbury Park Extension
Stockport	GMA32	Former Offerton High School
Stockport	GMA33	Heald Green 1 (West)
Stockport	GMA34	Heald Green 2 (East)
Stockport	GMA35	High Lane
Stockport	GMA36	Hyde Bank Meadows
Stockport	GMA37	Woodford Aerodrome
Tameside	GMA38	Ashton Moss West
Tameside	GMA39	Godley Green Garden Village
Tameside	GMA40	South of Hyde
Trafford	GMA41	New Carrington
Wigan	GMA42	M6 Junction 25
Wigan	GMA43	North of Mosley Common
Wigan	GMA44	Pocket Nook
Wigan	GMA45	West of Gibfield

Table 11.1 List of GMSF Allocations

Cross-Boundary Strategic Allocations

Northern Gateway



Picture 11.3 GMA 1 Northern Gateway

The Northern Gateway is an extensive area located around Junction 18 of the M60 motorway extending east to Junction 19 of the M62 and north to Junction 3 of the M66. It comprises two key sites within the wider North-East Growth Corridor:

- Heywood / Pilsworth (Bury and Rochdale) (see Policy GM Allocation 1.1 'Heywood / Pilsworth (Northern Gateway)'); and
- Simister and Bowlee (Bury and Rochdale) (see Policy GM Allocation 1.2 'Simister and Bowlee (Northern Gateway)')

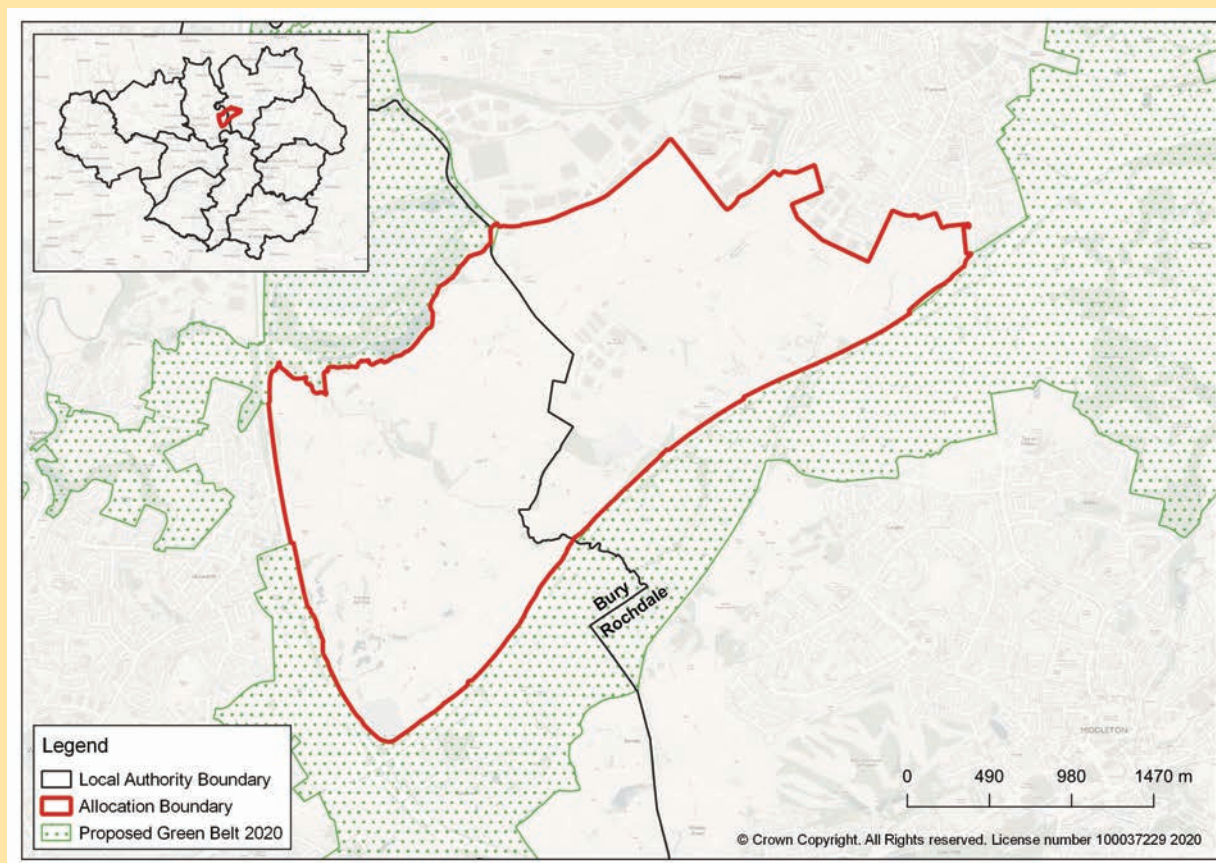
11.13 The Northern Gateway straddles the districts of Bury and Rochdale and is positioned at a strategically important intersection around the M60, M62 and M66 motorways. As such, it represents a highly accessible opportunity for growth in Greater Manchester with wider benefits on a regional and national level. The central theme of the spatial strategy for Greater

Manchester is to deliver inclusive growth across the city region complemented by a key aim to boost the competitiveness of the northern parts of Greater Manchester. The Northern Gateway is one of the key locations that will help to deliver these fundamental objectives.

- 11.14** This strategic allocation will enable the delivery of a large, nationally-significant employment opportunity to attract high quality business and investment, with a complementary housing offer on the M62 corridor, where there is strong evidence of market demand.
- 11.15** The allocation at Heywood/Pilsworth provides an opportunity for a substantial and high quality employment-led development. The scale and location of this allocation will help to rebalance the Greater Manchester economy, ensure the GMSF plays its part in driving growth within the north of England and enable Greater Manchester to be competitive both nationally and internationally.
- 11.16** This will be supported by new communities as part of the Heywood/Pilsworth allocation as well as at Simister/Bowlee which have transformational potential in enabling new housing, community facilities and new transport infrastructure to come forward in what is currently an area with significant pockets of high deprivation, low skills and worklessness.
- 11.17** To be successful and sustainable, the employment and housing opportunities need to be accessible by a range of transport modes and be linked directly to existing and new communities in the surrounding area via new recreational routes and corridors of green infrastructure which in turn provide an attractive setting for development. Outside of the motorway network, much of the area proposed for development is currently served by an inadequate transport network and this will require substantial investment to improve connectivity, potentially including investment in rapid transit. The prospective residents will require new community facilities and these will be provided in accessible locations within walking distance of homes.
- 11.18** The opportunities at Heywood/Pilsworth and Simister/Bowlee will need to incorporate extensive supporting infrastructure. The full delivery of the allocation at Heywood/Pilsworth is likely to extend beyond the plan period.

Policy GM Allocation 1.1

Heywood / Pilsworth (Northern Gateway)



GMA 1.1 Heywood / Pilsworth (Northern Gateway)

Any proposals for this allocation must be in accordance with a comprehensive masterplan relating to the area to come forward in the plan period that has been previously approved by the LPA(s). It shall include a clear phasing strategy as part of an integrated approach to the delivery of infrastructure to support the scale of the whole development in line with Policy GM-D 1 'Infrastructure Implementation'. This should include the delivery of highways infrastructure, surface water drainage, grey infrastructure including utilities provision, green and blue infrastructure, broadband and electric vehicle charging points, recreation provision and social infrastructure and ensure coordination between phases of development.

Development at this allocation will be required to:

1. Be of sufficient scale and quality to enable a significant rebalance in economic growth within the sub-region by boosting the competitiveness of the north of the conurbation and should;

- i. Deliver a total of around 1,200,000 sqm of industrial and warehousing space (with around 700,000 sqm being delivered within the plan period). This should comprise a mix of high quality employment premises in an attractive business park setting in order to appeal to a wide range of business sectors including the development of an Advanced Manufacturing Park;
 - ii. Deliver around 1,000 additional homes along with a new primary school in the eastern part of the allocation to support the early delivery of the infrastructure and provide a buffer between existing housing and the new employment development;
 - iii. Deliver around 200 new homes, which includes an appropriate mix of house types and sizes and the provision of plots for custom and self-build housing, in the west of the allocation off Castle Road ensuring that an appropriate buffer is incorporated to separate this part of the allocation from the wider employment area and that appropriate highways measures are in place to prevent the use of residential roads by traffic associated with the wider employment area; and
 - iv. An appropriate range of supporting and ancillary services and facilities.
2. Make provision for significant new and improved highways infrastructure to enable the proposed level of development to be accommodated, including:
 - i. Improvements to Junction 3 of the M66;
 - ii. Improved links between Junction 3 of the M66 and Junction 19 of the M62;
 - iii. Other off-site highway works where these are necessary to ensure acceptable traffic movement, including a contribution towards the mitigation proposed at Croft Lane, Hollins Lane/Hollins Brow
3. Support the delivery of improved public transport infrastructure through the site allocation (including Bus Rapid Transit corridors) and close to the allocation (including potential tram-train on the East Lancashire rail line between Bury and Rochdale) to enhance sustainable connectivity to the wider sub-region and adjoining districts and neighbourhoods;
4. Deliver a network of safe and convenient cycling and walking routes through the allocation designed to national and GM standards of design and construction and local planning requirements;
5. Make provision for affordable housing in accordance with local planning policy requirements;
6. Provide financial contributions for offsite additional primary and secondary school provision to meet needs generated by the development;
7. Make provision for other necessary infrastructure such as utilities, broadband and electric vehicle charging points in accordance with relevant GMSF or local planning policies;
8. Ensure the design and layout allows for effective integration with surrounding communities, including active travel links and connections to local services, employment opportunities and over the M62 to proposed new development at Simister/Bowlee (GM1.2);

9. Retain, enhance and replace existing recreation facilities, where required, and make provision for new recreation facilities to meet the needs of the prospective residents in accordance with local planning policy requirements;
10. Make provision for new, high quality, publicly accessible multi-functional green and blue infrastructure to provide health benefits to workers and residents as well as creating a visually attractive environment and providing linkages to the site's wider drainage strategy in accordance with Policy GM-G 2 'Green Infrastructure Network' and Policy GM-G 8 'Standards for a Greener Greater Manchester'. This should include the integration and enhancement of existing features such as Hollins Brook/Brightly Brook SBI and Whittle Brook;
11. Minimise impacts on and provide net gains for biodiversity assets within the allocation in accordance with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
12. Ensure that any development is safe from and mitigates for potential flood risk from all sources including Whittle Brook, Castle Brook and Brightley Brook and does not increase the flood risk elsewhere. The delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development;
13. Ensure that sustainable drainage systems are fully incorporated into the development to manage surface water and control the rate of surface water run-off, discharging in accordance with the hierarchy of drainage options. Where possible, natural SuDS techniques should be utilised, prioritising the use of ponds, swales and other infrastructure which mimic natural drainage and be designed as multi-functional green infrastructure connecting to the wider green and blue infrastructure network in accordance with Policy GM-S 5 'Flood Risk and the Water Environment' and nationally recognised SuDS design standards. Proposals to discharge to the public sewer will need to submit clear evidence demonstrating why alternative options are not available.;
14. Make appropriate provision for the long term management and maintenance of areas of green infrastructure, biodiversity features and other areas of open space and sustainable drainage features;
15. Carry out a project specific Habitats Regulation Assessment for planning applications of 1,000 sqm / 50 dwellings or more;
16. Provide an appropriate buffer between the development and the motorway where required to serve multiple functions including air quality, noise, visual mitigation and high quality landscaping;
17. Incorporate appropriate noise and air quality mitigation along the M62 and M66 motorway corridors and local road network if required within the allocation;
18. Protect and, where appropriate, enhance the heritage assets and their setting within the allocation, including the Grade II Listed buildings Brick Farmhouse and Lower Whittle Farmhouse and the wider historic character of the surrounding setting in accordance with the findings and recommendations of a Heritage Impact Assessment; and
19. Carry out a detailed assessment and evaluation of known and potential archaeological sites including Meadow Croft Farm, historic landscape features and build heritage assets, to establish specific requirements for the protection and enhancement of significant heritage assets.

- 11.19** This allocation has been identified as a large, nationally significant location for new employment-led development within the Northern Gateway opportunity area between Bury and Rochdale. The scale of the opportunity will help to deliver a significant jobs boost to wider northern and eastern parts of the conurbation, increasing the economic output from this area and helping to rebalance the Greater Manchester economy. It also includes the potential to deliver a significant amount of new housing as well as an appropriate range of supporting and ancillary services and facilities.
- 11.20** Planning permission has been granted for a scheme to deliver around 135,000 sqm of employment floorspace, 1,000 homes and a new primary school on the eastern part of the allocation at South Heywood and this land is included in the allocation for removal from the Green Belt. As well as delivering an early phase of the employment development this proposal will help to create a more mixed- use urban extension. The new school will not only provide space to accommodate children from the new development but will also help tackle a shortage of local school places. The residential development along with secured public funding is a key element to delivering improved linkages from Junction 19 of the M62. The employment floorspace and homes covered by this planning application are included in the current baseline supply.
- 11.21** Although the allocation has the capacity to deliver a total of around 1,200,000 sqm of new employment floorspace, it is anticipated that around 700,000 sqm of this will be delivered within the plan period (in addition to the 135,000 sqm that has an extant planning permission at South Heywood). Nevertheless, it is considered necessary to release the site in full at this stage given that the scale of the proposed development means that it will need to be supported by significant strategic infrastructure and this level of investment needs the certainty that the remaining development and associated economic benefits will still be able to come forward beyond the plan period.
- 11.22** This allocation benefits from being in close proximity to existing regionally renowned employment sites at Heywood Distribution Park and Pilsworth and the development of this site will complement other opportunities in the Northern Gateway as well as other key sites in the north of the sub-region such as Logistics North.
- 11.23** Whilst the location of this allocation along the key M62 corridor will be particularly attractive to the logistics sector, it is important that it provides high quality business premises for a range of other sectors including advanced manufacturing and higher value, knowledge-based businesses. This variety will not only provide a better range of good quality jobs but has the potential to provide premises for new and growing sectors, thus diversifying both the local and sub-regional economy.
- 11.24** The size of the proposal would also support the provision of an appropriate range of supporting services and facilities, such as a new local centre, hotel, leisure and conference facilities. However, it is important that these are of a scale that is appropriate to the main employment use of the allocation.

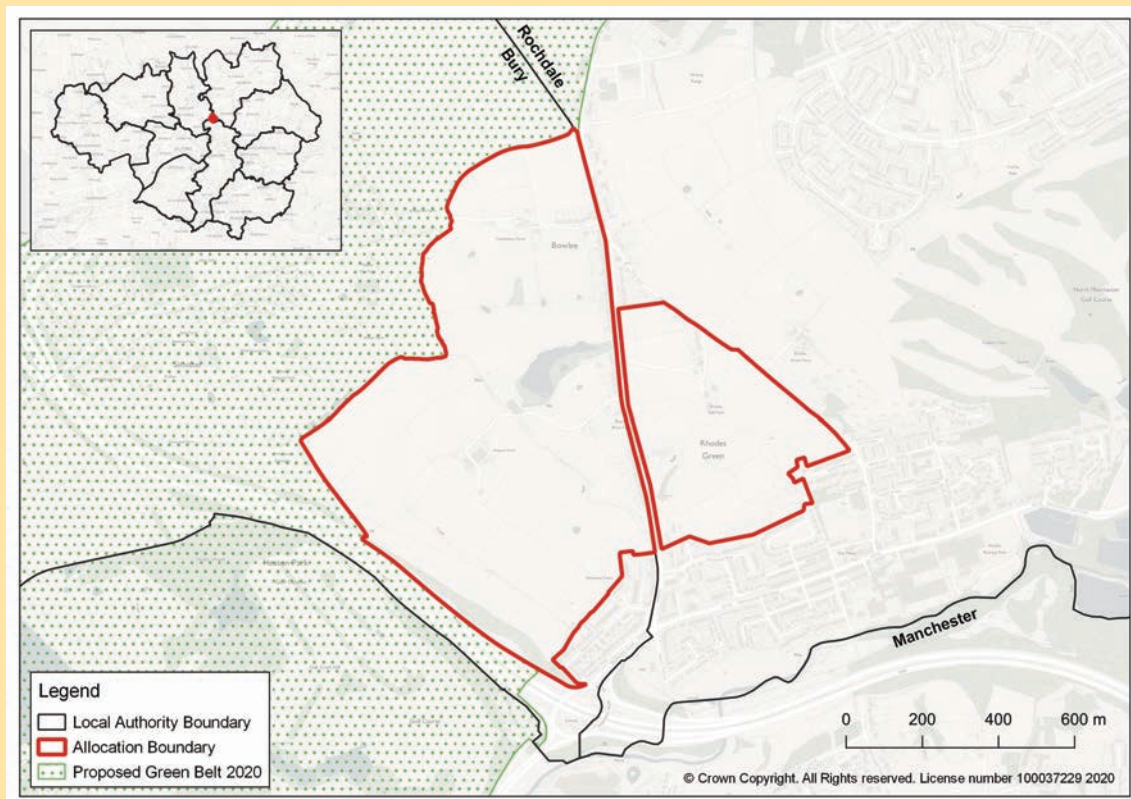
- 11.25** The delivery of such an allocation will require significant investment in infrastructure if it is to be successful and sustainable. The allocation clearly has excellent access to the motorway network but will benefit from improved linkages between Junction 19 of the M62 and Junction 3 of the M66. The local authorities will continue to explore opportunities for a new junction at Birch which could provide additional accessibility and be of benefit to the allocation in the longer term. Furthermore, in conjunction with the development of the allocation, there will be an expectation that opportunities are fully explored to deliver a rail freight spur exploiting the existing heavy rail connections from the East Lancashire Railway line which adjoins the allocation to the north and Calder Valley line to the east.
- 11.26** The allocation will also need to be served by a wide range of public transport and significant interventions will be required in order to promote sustainable travel and make the allocation more accessible to the local labour pool. This could potentially include rapid transit linking the expanded Heywood employment area with surrounding neighbourhoods and key locations helping to maximise the public transport accessibility of the employment opportunities and to better integrate existing and new communities with the rest of Greater Manchester. The potential tram-train on the East Lancashire rail line between Bury and Rochdale should be explored and the allocation will also need to be supported by safe and attractive walking and cycling routes to promote healthier and more sustainable journeys to work.
- 11.27** It should be noted that the existing Birch Industrial Estate is located within the allocation. This is a successful estate that has benefited from recent investment and would be retained as part of any development. This allocation will also share the benefits of the improved accessibility of the area.
- 11.28** The area also includes an existing golf club and school playing field. Whilst the intention is for these to be retained, they could potentially be incorporated into the wider development if they were to subsequently become available.
- 11.29** In addition to the 1,000 homes with planning permission at South Heywood, the allocation is also considered to have the potential to accommodate around 200 further dwellings on land accessed via Castle Road in Unsworth. However, it is important that an appropriate buffer is incorporated into the development to create separation from the wider employment development and that appropriate highways measures are in place to prevent the inappropriate use of residential roads by vehicular traffic associated with the wider employment area.
- 11.30** Any housing development within the allocation will be required to make provision for affordable housing and recreation to meet the needs of the prospective residents in line with Local Plan policy requirements.
- 11.31** The land is relatively undulating and the contours offer opportunities to create an attractive and interesting setting for the development as well as providing some natural screening. This should be complimented by the creation of a good quality green and blue infrastructure network which will provide publicly accessible open spaces to provide recreational opportunities to workers and residents in the wider area. Such a network should seek to

maximise the value of existing features and areas of nature conservation value. There are some existing recreation facilities, ponds, reservoirs and brooks within and adjacent to the allocation and any development should seek to retain and enhance such features, where appropriate. Other opportunities for new blue infrastructure may exist to further enhance visual amenity, provide SUDS and widen local biodiversity. A management plan will be required to demonstrate how the retention and improvement of green and blue infrastructure and nature conservation assets will continue to be managed.

- 11.32** Delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development. Measures such as rainwater recycling, green roofs, water butts and permeable driveway surfaces should be considered to mitigate the impact of potential flood risk both within and beyond the site boundaries. As a green and blue infrastructure network will provide more sustainable options discharge surface water, only foul flows should connect with the public sewer.
- 11.33** The development of the allocation will also be required to have regard to flood risk and it will also be necessary for it to involve the implementation of an appropriate drainage strategy in order to minimise and control the rate of surface water run-off.
- 11.34** Traffic to and from the site is likely to include travel on the M62 which passes close to designated European sites and, as such, a project specific Habitats Regulation Assessment will be required for planning applications involving 1,000 or more sqm or 50 or more residential units.
- 11.35** Given that the site is located adjacent to the M62 and M66 motorways, there will be a need to incorporate a buffer between the allocation and the motorway to serve multiple functions including air and noise mitigation and high quality landscaping. Mitigation through tree planting could be undertaken in conjunction with proposals for the Northern Forest
- 11.36** There are two Grade II Listed buildings within the allocation boundary and known significant archaeological sites, notably at Meadow Croft Fold. In addition there are a number of potentially significant archaeological sites, locally listed buildings and structures throughout and adjacent to the allocation. Any development would need to consider the impact on their setting through the completion of a Heritage Impact Statement. There will be a need to undertake detailed archaeological work including field walking and evaluation trenching, leading to further investigations and recording and, if necessary, preserving features in situ.

Policy GM Allocation 1.2

Simister and Bowlee (Northern Gateway)



Picture 11.4 GMA 1.2 Simister and Bowlee (Northern Gateway)

Any proposals for this allocation must be in accordance with a comprehensive masterplan that has been previously approved by the LPA(s). It shall include a clear phasing strategy as part of an integrated approach to the delivery of infrastructure to support the scale of the whole development in line with Policy GM-D 1 'Infrastructure Implementation'. This should include the delivery of highways infrastructure, surface water drainage, grey infrastructure including utilities provision, green and blue infrastructure, broadband, electric vehicle charging points, recreation provision and social infrastructure and ensure coordination between phases of development.

Development at this allocation will be required to:

1. Deliver a broad mix of around 1,550 houses to diversify the type of accommodation across the Simister, Bowlee and Birch and Langley areas. This includes an appropriate mix of house types and sizes, accommodation for older people, plots for custom and self-build and a mix of housing densities with higher densities in areas of good accessibility and potential for improved public transport connectivity and lower densities adjacent to existing villages where development will require sensitive design to respond to its context;
2. Facilitate the required supporting transport services and infrastructure including:

- i. An upgrade of the local highways network
 - ii. Traffic restrictions on Simister Lane to prevent this route from being a form of access/egress to and from the allocation;
 - iii. Improved public transport provision through the allocation (including Bus Rapid Transit corridors) and close to the allocation (including potential Bus Rapid Transit or Metrolink extension to Middleton) in order to serve the development; and
 - iv. Other off-site highway works where these are necessary to ensure acceptable traffic movement.
3. Deliver a network of safe and convenient cycling and walking routes through the allocation designed in accordance with national and GM standards of design and construction and local planning policy requirements;
4. Make provision for affordable housing in accordance with local planning policy requirements;
5. Make provision for a new two form entry primary school;
6. Make financial contribution towards off-site secondary school provision to meet the needs generated by development;
7. Make provision for a new local centre in an accessible location which includes a range of appropriate retail, health and community facilities and ensure it is integrated with existing communities;
8. Make provision for other necessary infrastructure such as utilities, broadband and electric charging points in accordance with relevant GMSF or local planning policies;
9. Ensure the design and layout allows for effective integration with surrounding communities, including active travel links and connections to local services and the new areas of employment at Heywood/Pilsworth (GM1.1);
10. Retain, enhance and replace existing recreation facilities where required and make provision for new recreation facilities to meet the needs of the prospective residents in accordance with local planning policy requirements;
11. Make provision for new, high quality, publicly accessible, multi-functional green and blue infrastructure within the allocation to provide health benefits to residents as well as creating a visually attractive environment and providing linkages to the sites wider drainage strategy in accordance with Policy GM-G 2 'Green Infrastructure Network' and Policy GM-G 8 'Standards for a Greener Greater Manchester'. This should include enhancement of existing watercourses throughout the allocation;
12. Minimise impacts on and provide net gains for biodiversity assets within the allocation, including the Bradley Hall Farm SBI, in accordance with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
13. Ensure that sustainable drainage systems are fully incorporated into the development to manage surface water and control the rate of surface water run-off, discharging in accordance with the hierarchy of drainage options. Where possible, natural SuDS techniques should be utilised, prioritising the use of ponds, swales and other infrastructure which mimic natural drainage and be designed as multi-functional green infrastructure connecting to the wider green and blue infrastructure network in accordance with Policy GM-S 5 'Flood Risk and the Water Environment' and nationally recognised SuDS design standards. Proposals to

discharge to the public sewer will need to submit clear evidence demonstrating why alternative options are not available;

14. Make appropriate provision for the long term management and maintenance of areas of green infrastructure, biodiversity features, other areas of open space and sustainable drainage features;
15. Carry out a project specific Habitats Regulation Assessment for planning applications of 1,000 sqm / 50 dwellings or more;
16. Incorporate appropriate noise and air quality mitigation measures and high quality landscaping along the M60 motorway corridors and local road network if required within the allocation;
17. Incorporate necessary remediation measures in areas affected by contamination and previously worked for landfill purposes;
18. Protect and enhance the heritage and archaeological assets within the vicinity of the allocation and their setting in accordance with the findings of a Heritage Impact Assessment.

- 11.37** The delivery of this urban extension has transformational potential in enabling new housing development of 1,550 units, community facilities and new transport infrastructure to come forward in what is currently an area that contains significant pockets of high deprivation. Any housing development within the allocation will be required to make provision for recreation and affordable housing to meet the needs of the prospective residents in line with Local Plan policy requirements, across a range of housing types, sizes and tenures.
- 11.38** The delivery of such a major opportunity will require significant investment in infrastructure if it is to be successful and sustainable. In particular, the allocation will need to benefit from a wide range of public transport improvements in order to promote sustainable travel and improve linkages to new employment opportunities at GM 1.1 Heywood/Pilsworth. This could potentially include Bus Rapid Transit linking Manchester City Centre to the Northern Gateway allocation. The allocation may also benefit from a potential Bus Rapid Transit or Metrolink extension to Middleton. Higher density development close to these corridors will help support the viability of new services. These public transport improvements, will also need to be supported by safe and attractive walking and cycling routes to promote healthier and more sustainable shorter journeys to work.
- 11.39** The development of a large-scale community such as this will require new facilities for residents such as shops, health facilities, community facilities and recreational areas. These will be provided in accessible locations within walking distance of homes. In addition, demand on school places will also increase and therefore investment in new facilities for primary and secondary education will be required.
- 11.40** The semi-rural nature of this part of Greater Manchester and the character and setting of small villages such as Simister and Bowlee will be respected and will inform the layout, density and built form of development in these locations. Areas of open land and green infrastructure will be incorporated to maintain the identities of these places, including the retention of historic field boundaries, routeways and woodlands where practical. The allocation

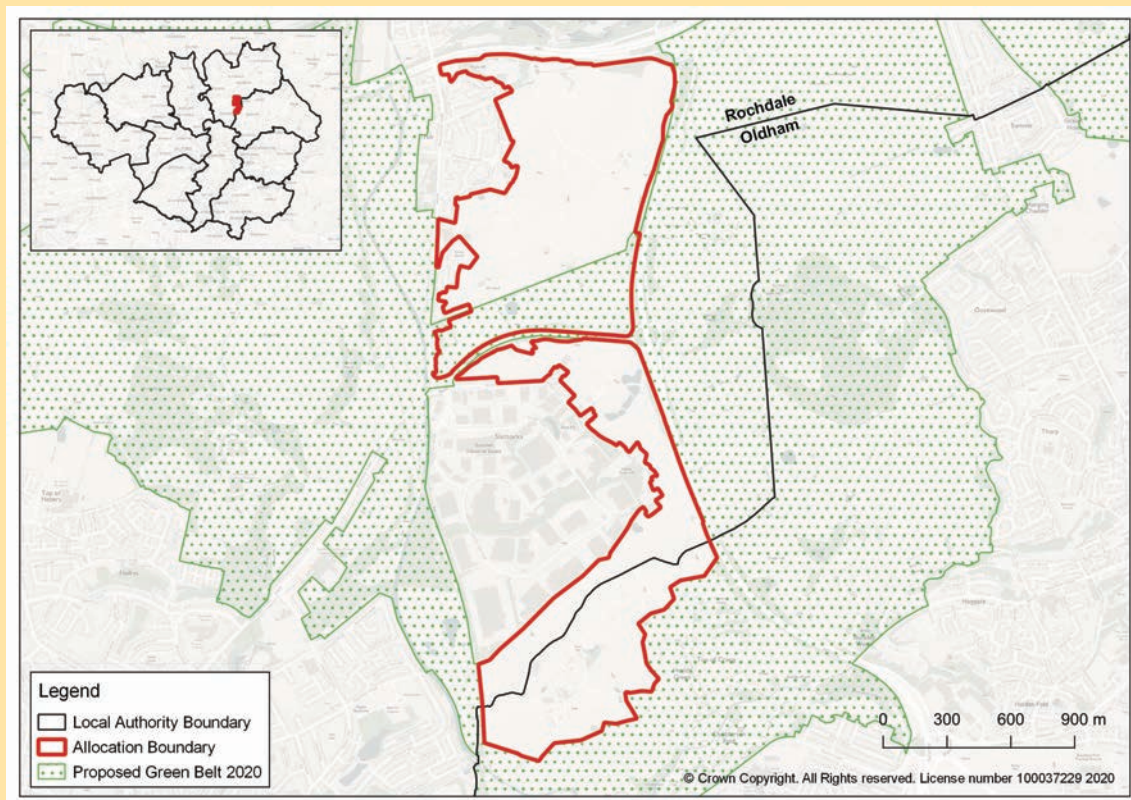
also includes existing areas of biodiversity value, notably the streams and flushes at Bradley Hall Farm which form a Site of Biological Importance in the eastern part of the allocation. This SBI and other areas of identified biodiversity value should be taken fully into account in the masterplanning of the site.

- 11.41** Delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development. Measures such as rainwater recycling, green roofs, water butts and permeable driveway surfaces should be considered to mitigate the impact of potential flood risk both within and beyond the site boundaries. As a green and blue infrastructure network will provide more sustainable options discharge surface water, only foul flows should connect with the public sewer.
- 11.42** Traffic to and from the site is likely to include travel on the M62 which passes close to designated European sites and, as such, a project specific Habitats Regulation Assessment will be required for planning applications involving 1,000 or more sqm or 50 or more residential units.
- 11.43** Given that the site is located adjacent to the M62 motorway, there may be a need to incorporate a buffer between the allocation and the motorway to serve multiple functions including air and noise mitigation and high quality landscaping. Mitigation through tree planting could be undertaken in conjunction with proposals for the Northern Forest.
- 11.44** There are a number of assets of historical significance in proximity to the allocation, and whilst outside the allocation boundary, any development would need to consider the impact on their setting through the completion of a Heritage Impact Assessment.

Stakehill

Policy GM Allocation 2

Stakehill



Picture 11.5 GMA 2 Stakehill

Development at this site will be required to:

1. Deliver around 155,000 sqm of high quality, adaptable, employment floorspace within a 'green' employment park setting, with a focus on suitable provision for advanced manufacturing, logistics and other growth industries, taking advantage of its accessible location and proximity to Junction 20 of the M62, and complementing the other opportunities within the M62 North East corridor;
2. Provide around 1,680 high quality homes, including larger, higher value properties, to support the new jobs created along the M62 corridor and create a sustainable and high quality extension to the urban area;
3. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development. The scale of the residential development on the northern part of the allocation provides an opportunity to adopt a 'garden village' approach to create a locally distinctive residential offer;

4. Ensure that the design of the scheme preserves or enhances the setting of the listed St John's Church and war memorial;
5. Protect and enhance archaeological features and where appropriate carry out archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the Stakehill Historic Environment Assessment 2020 to understand where especially significant archaeology must be preserved in situ;
6. Have regard to views from Tandle Hill Country Park in terms of the design, landscaping and boundary treatment in order to minimise the visual impact as much as possible;
7. Retain a strategic area of Green Belt between the A627(M) spur and Thornham Lane to maintain separation between the urban areas of Rochdale and Middleton;
8. Support the delivery of improved public transport to and within the area to promote more sustainable travel and improve linkages to the employment opportunities from surrounding residential areas;
9. Contribute to the proposed new railway station at Slattocks which is currently being investigated by TfGM and ensure that new development is designed in a way to maximise the benefits of the new rail station through the creation of high quality walking and cycling routes;
10. Provide good quality walking and cycling routes to connect to new and existing residential areas and local transport hubs in order to encourage sustainable short journeys to work and promote healthier lifestyles;
11. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
12. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
13. Improve access arrangements in and around Stakehill Industrial Estate to assist in the separation of residential and employment traffic as much as possible and to make appropriate provision for lorry parking;
14. Ensure that the existing settlements and pockets of housing are taken fully into account through the masterplanning of the area;
15. Deliver high quality landscaping and green and blue infrastructure within the site both to enhance the attractiveness of the scheme and provide opportunities for recreation to both residents and people working in the area. This should include good quality boundary treatment, particularly on the southern edge of the site to provide an attractive defensible Green Belt boundary;
16. Retain and where possible enhance areas of biodiversity within the area, notably the Rochdale Canal Site of Special Scientific Interest, along with the existing brooks and reservoirs within the site;
17. Carry out a project specific Habitats Regulation Assessment for planning applications of 1,000 sqm / 50 dwellings or more
18. Contribute and make provision for additional primary and secondary school places to serve the development. This will include provision of land and financial contributions to deliver the expansion of Thornham St John's Primary School located within the allocation;

19. Given the scale of the new housing provision it will be necessary for the proposal to deliver social infrastructure to ensure that the needs of new and existing communities are properly met; and
20. Incorporate appropriate noise and air quality mitigation taking account of the M62 and A627(M) motorway corridors.

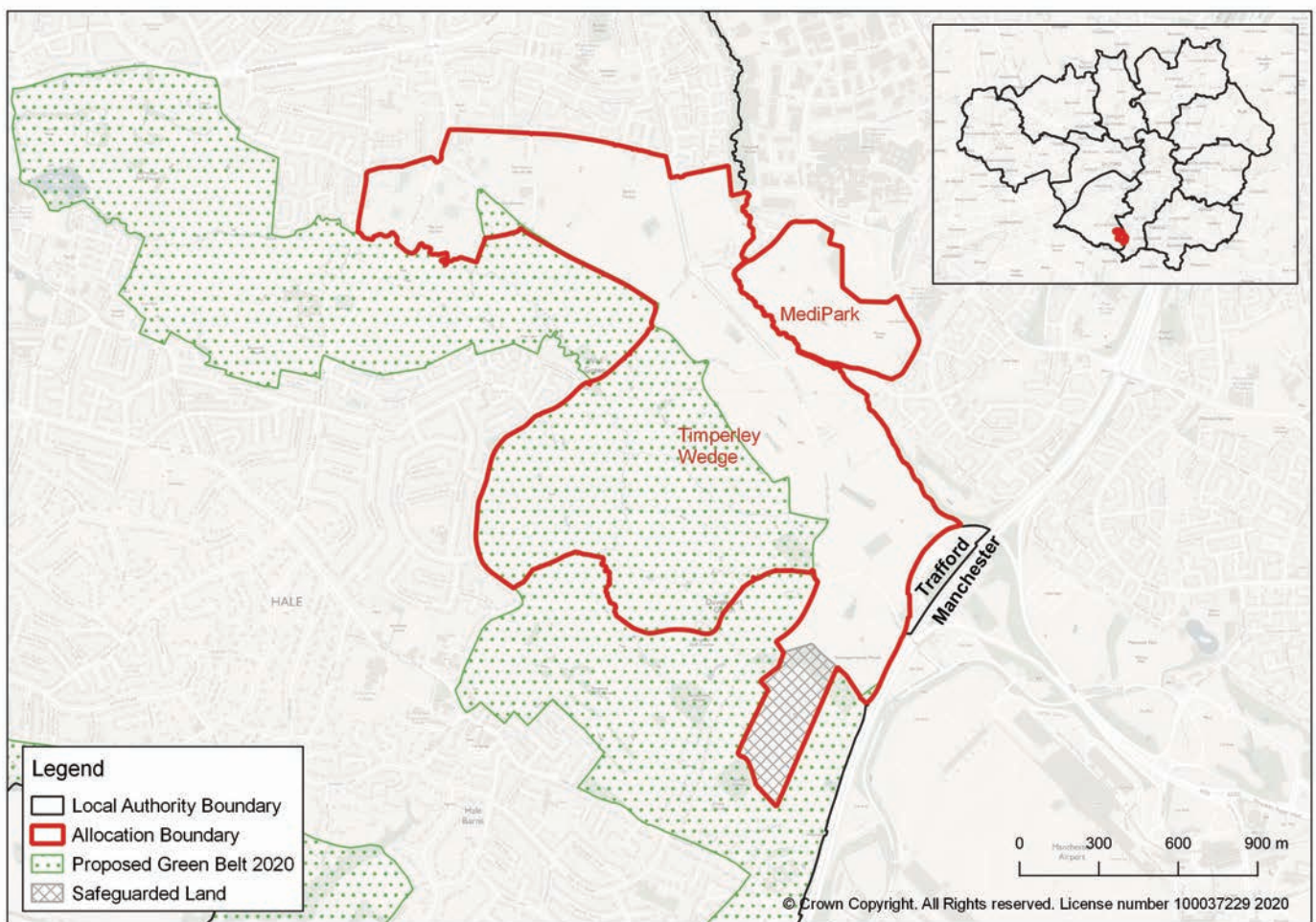
- 11.45** Stakehill provides a significant opportunity for both Oldham and Rochdale to contribute to the future economic growth of Greater Manchester, capitalising on its proximity and connectivity to the motorway and rail network. It has the potential to provide a significant contribution to the sub-regional requirement for employment floorspace within key growth sectors and attract additional investment and economic activity to the area. The scheme will also generate a range of benefits for the local and wider economy. It would involve the loss of Green Belt, however, it offers an excellent location, as part of the Northern Gateway and Northern Powerhouse with connections through to Liverpool and Leeds. The level of housing provided will contribute towards the delivery of our housing need, diversifying our housing stock and supporting the proposed employment opportunities across the Northern Gateway and elsewhere.
- 11.46** The location of the housing and employment development within the allocation takes account of existing land uses and the potential to separate out residential and industrial traffic. The residential development will be focused to the north of Thornham Lane and to the south of the A627(M) spur. The employment development will be located to the south and east of the existing industrial estate.
- 11.47** Stakehill Industrial Estate has a strong reputation as an employment location and has excellent access to the motorway network. Public transport on the western edge of the site is good but public transport access, particularly from the Oldham borough, requires improvement. This existing successful business park can provide a focus for a significantly expanded employment offer in this area which will complement the other opportunity areas within the Northern gateway providing different types of premises and appeal to a wide range of uses and sectors.
- 11.48** As well as the expansion of the employment offer, an opportunity exists to deliver a significant amount of housing that will both support the new employment development and boost the supply of housing in this part of the sub-region. The site lies between the successful and attractive neighbourhoods of Chadderton and Slattocks. This area is characterised by generally good accessibility, a number of popular schools and proximity to a range of retail facilities and other services.
- 11.49** There will need to be significant public transport improvement to and within the site as a whole. The site lies between Castleton and Mills Hill railway stations, and walking and cycling connections to these two stations should be improved as part of the development. While the edges of the site nearest to these stations are potentially within walking distance it is unlikely that such trips will be made without additional supporting bus services that link these modes of transport. A new southerly link to Mills Hill station could form part of any expansion of the

industrial estate. The scale of development proposed does offer the opportunity to deliver significant public transport improvements that will improve sustainable travel options to both existing and future residents and workers within the site. This includes the potential to deliver a new rail station at Slattocks on the Calder Valley line along with an associated Park & Ride facility. This opportunity is currently being investigated further by TfGM and a contribution from the proposed development would assist in the delivery of this new station. Investment in public transport infrastructure or services will also be needed to provide access to the sites employment opportunities for Oldham residents, which needs to be investigated further by TfGM. Investment in public transport and associated infrastructure should be complemented by a high quality pedestrian and cycling network that links the new development to surrounding neighbourhoods and key services/facilities.

- 11.50** The development would involve the loss of an area of Green Belt but an area of Green Belt is to be retained between the A627(M) spur and Thornham Lane to provide some separation between the urban areas of Rochdale and Middleton. Whilst the development does not encroach into the areas around Tandle Hill Country Park, the relative proximity of some development to the park means it is vital that development provides high quality landscaping and open spaces to create an attractive environment and increase opportunities for links between the site for both informal and formal recreation. The impact of the development on views from Tandle Hill Country Park should be given particular consideration. As well as landscaping, any development should demonstrate how the design and materials use within the development can help mitigate against any visual impact. The site does include areas of biodiversity in the form of Sites of Biological Importance, reservoirs, and brooks. These and other nature conservation features should be retained and, where possible, enhanced.
- 11.51** As the development site forms part of the setting of the Church of St John, a Grade II listed building, the masterplan must seek to retain key views to and from the designated heritage, specifically those from the footpath on Church Avenue. The masterplan will also consider these sensitivities in terms of the masterplan, design, density and provision of green space to preserve the tranquillity of the Church. Similarly, where practical, historic field boundaries as highlighted by the Heritage Impact Assessment should be retained and incorporated in to the masterplan to help retain the rural character of the site. These areas and assets identified by the Stakehill Historic Environment Assessment 2020 which require a programme of archaeological investigation. These sites will be considered through the detailed masterplanning of this site and any subsequent planning application.
- 11.52** It is considered that by 2040 these developments may lead to traffic increases on the M62 motorway because of their size and relative proximity to the motorway. The M62 passes close to designated National and European sites known to be susceptible to traffic pollution, particularly nitrate deposition. As such, a project specific Habitats Regulation Assessment will be required for planning applications involving 1,000 or more sqm or 50 or more residential units.
- 11.53** The wider opportunity area is adjacent to and includes areas existing development. Any proposed scheme should have full regard to these areas and consider them through the detailed masterplanning of the area.

- 11.54** The scale of residential development means that significant community, leisure and recreational infrastructure will have to be provided as part of a comprehensive scheme. This will include the provision of additional school places as well as flexible community and medical facilities, facilities for sport and recreation and possibly a small local centre.
- 11.55** In terms of primary school provision, St John's CE Thornham Primary School is located within the site on the northern side of Thornham Lane. There is an opportunity to expand this small, village school to assist in meeting demand for primary school places generated from the proposed development and provide a highly accessible school for new residents.

Medipark/Timperley Wedge



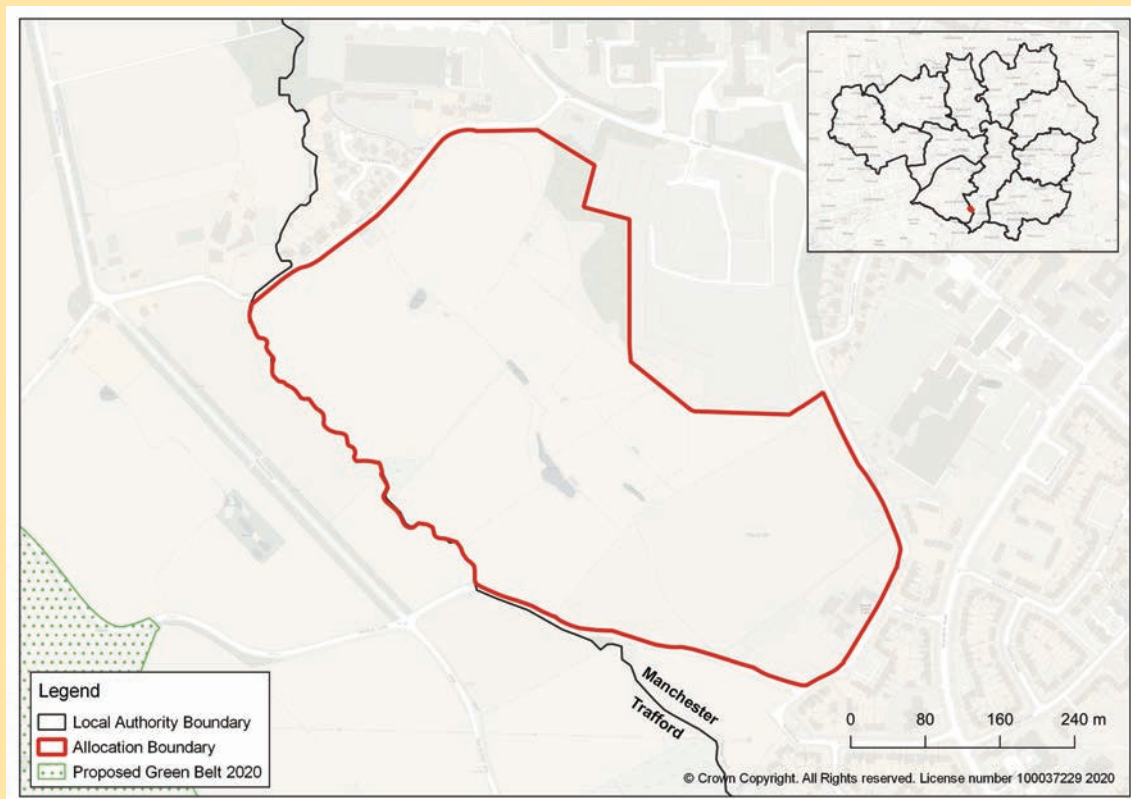
Picture 11.6 GMA 3 Medipark/Timperley Wedge

- 11.56** Development of this area will take advantage of its well-connected location to create a new living and working experience providing new homes, jobs and training opportunities to the benefit of both new and surrounding communities through two allocations:
- Medipark (See Policy GM Allocation 3.1 'Medipark')
 - Timperley Wedge (See Policy GM Allocation 3.2 'Timperley Wedge')

- 11.57** Together, Medipark and Timperley Wedge is one of the very best opportunities for a strategic location in the UK, offering outstanding potential to help the City Region to achieve its ambition. The allocation is already a well-connected location adjoining Manchester Airport and the M56 Motorway, on the edge of one of the UK's major growing and thriving cities, and close to the countryside of Cheshire.
- 11.58** In the future the Location will also benefit from HS2 which is one of the most significant transport infrastructure projects in the UK over recent decades and together with Northern Powerhouse Rail (NPR) will provide high speed rail connections to London via Birmingham and between the cities of the north. The economic benefits of HS2 and NPR will support existing businesses, inward investment and job creation and the advantages this gives to new development in this location are hugely significant.
- 11.59** Strategically situated between Manchester University NHS Foundation Trust, Wythenshawe Hospital, Manchester Airport and Airport City, these allocations form part of the Manchester Airport Strategic Location (Policy GM-Strat 10 'Manchester Airport'). The significance of these locations collectively, as regards delivering in an integrated manner development which meets GM's needs, is considerable. The Global Logistics (Policy GM Allocation 10 'Global Logistics') allocation for B2/B8 will meet a different but complementary need to Medipark with more specialist knowledge based business and the Timperley Wedge will serve with the B1 Employment.
- 11.60** Significant transport improvements are required and will need to be subject to further more detailed traffic assessment and masterplanning for each of the allocations.
- 11.61** There is significant potential to provide strong green infrastructure connections between the two allocations, especially along new walking and cycling routes and across and along in particular Fairywell Brook both north into Manchester and south towards Manchester Airport and into the wider countryside south of Timperley Wedge into Cheshire and north along Timperley Brook towards Altrincham.

Policy GM Allocation 3.1

Medipark



Picture 11.7 GMA 3.1 Medipark

Development on this site will be required to:

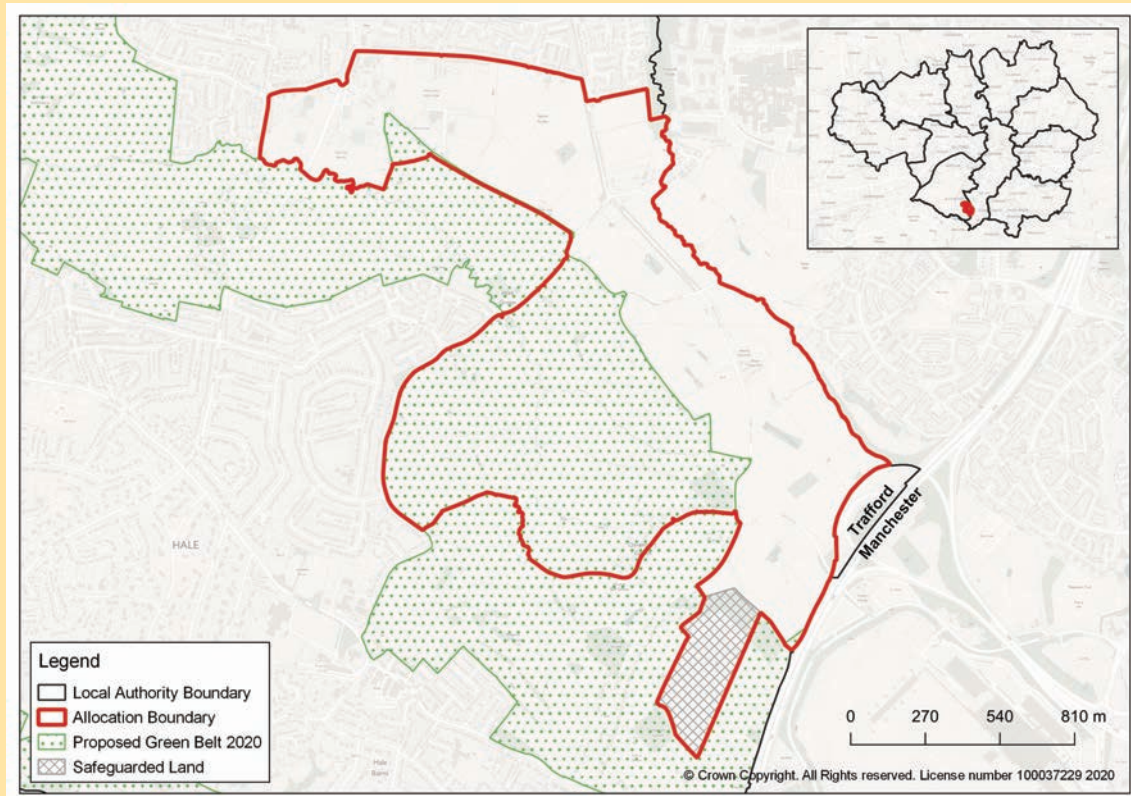
1. Deliver about 86,000 sqm B1-focused floorspace;
2. Development should be configured to take advantage of transport infrastructure in the area including the need to accommodate and contribute to the delivery of the proposed Metrolink Manchester Airport Line Western Leg extension;
3. Deliver a new spine road through the site with connections to the existing road network;
4. Facilitate improvements to the surrounding Strategic, Primary and Local Road Networks, including entry / egress and links to the strategic highway network, to enable safe access to and from the area;
5. Improve access to the site by providing links to local cycling and walking networks where appropriate;
6. Compliment the wider Roundthorn Medipark development and the development proposed in Timperley Wedge;
7. Ensure development within the site should not impact the listed buildings of Newall Green or the adjacent playing field;

8. Incorporate suitable site migration to account for the historic landscape features within the site; and
9. Reflect the sequential approach to flood risk management, focusing more sensitive development furthest from Fairywell Brook. High quality natural landscaping, including the provision of native species, should be delivered adjoining the brook to help mitigate flood risk and promote biodiversity and green infrastructure

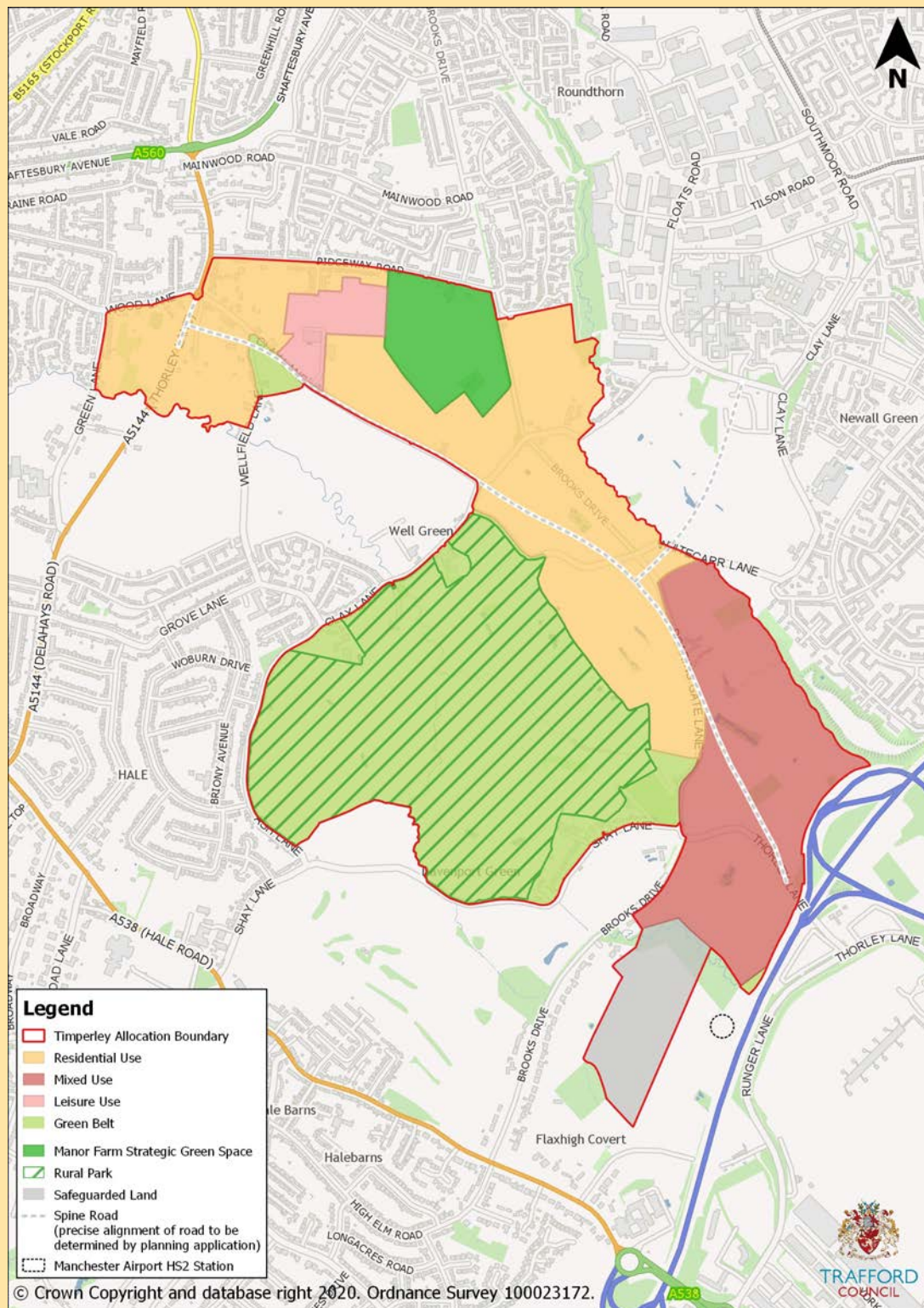
- 11.62** The opportunity that this area offers because of its proximity to Manchester University NHS Foundation Trust (Wythenshawe Hospital) and the wider Roundthorn Medipark Enterprise Zone development is significant. By attracting investment from knowledge-based industries to a high quality development, this area can provide a major boost to the economy of the city and the wider region. This is a singular location close to a major hospital and with improvements to local transport infrastructure, including Metrolink, it can play its full part in maximising future economic growth. The proposed arrival of HS2, including the airport station a short distance to the south, will provide a further stimulus to economic activity in this area.
- 11.63** The area's location within open countryside and adjoining Fairywell Brook means that a high quality and forward-looking design will be needed. Future flood risk management from the brook should be considered from the outset to minimise risk to the new development, as well as affording opportunities to improve amenity and biodiversity, helping to conserve and enhance elements of the natural environment. Attractive green corridors through the development will encourage active travel through the site, as well as creating a positive environment for wildlife. Moreover, development can be planned to provide mitigation that takes account of the site's historic landscape elements.

Policy GM Allocation 3.2

Timperley Wedge



Picture 11.8 GMA 3.2 Timperley Wedge



Picture 11.9 Timperley Wedge Allocation Policy Plan

Development of the site will be required to:

1. Be in accordance with a masterplan or SPD agreed by the Local Planning Authority to ensure the site is planned and delivered in a coordinated and comprehensive manner;

Residential Development

2. Deliver around 2,500 homes of which 1,700 will be in the plan period as set out in the Allocation Policy Plan;
3. Deliver high quality residential units which are accessible, integrated with the existing community and well designed to create a genuine sense of place;
4. Deliver a range of house types, sizes, layouts and tenures through a place-led approach;
5. Deliver residential development at an average density of 35 dph in the northern part of the allocation area, reflecting the existing urban area. Higher density development at an average of 70 dph will be appropriate close to the new local centre, Davenport Green Metrolink stop and the HS2 / NPR Manchester Airport station;
6. Provide a minimum of 45% affordable housing throughout the site;
7. Make specific provision for self-build custom build plots, subject to local demand as set out in the Council's self-build register;

Employment Development

8. Deliver around 60,000 sqm B1 office employment land within a mixed employment residential area set out in Allocation Policy Plan; of which 15,000 sqm will be in the Plan period;
9. Create legible streets and space within the employment area with attractive buildings that respond positively to the landscape and provide accessible linkages to residential areas and the local centre;
10. Create employment and training opportunities for local people, in particular through the construction phase, to be set out in a Local Labour Agreement in accordance with Local Plan policies;

Delivery and Phasing

11. Co-ordinate the phasing of development with the delivery of infrastructure on the site, ensuring sustainable growth at this location
12. Make a proportionate contribution, by means of an equalisation mechanism, to infrastructure delivery. Detailed requirements will be set out in the masterplan/SPD;

Transport Integration and Accessibility

13. Deliver accessible streets which prioritise cycling, walking and public transport over the private car;
14. Deliver a network of new safe cycling and walking routes through the allocation, including enhancements of Brooks Drive and creating new/enhancing existing Public Rights of Way;
15. Accommodate and contribute to the delivery of the Manchester Airport Metrolink Line Western Leg extension including Metrolink stop(s) to be agreed with TfGM;

16. Deliver a new spine road through the site with connections to the existing road network and local access to development sites, incorporating separate pedestrian and cycling space and provision for future bus rapid transit to improve east west connections between Altrincham and Manchester Airport;
17. Make the necessary improvements to the Strategic, Primary and Local Road Networks to enable the proposed level of development and mitigate the impact of increased vehicle numbers, including:
 - i. Road Widening at Dobbinetts Lane
 - ii. Junction improvement to Thorley Lane/Runger Lane
 - iii. New roundabout junction at Thorley Lane/Green Lane/Clay Lane
 - iv. Contributions to improvements at M56 Junction 3 and Terminal 2 roundabout

Community Facilities

18. Provide a new local centre with convenience shopping facilities as a hub for local services in the region of 3,000 sqm of retail floorspace close to the Davenport Green stop of the Metrolink Western Leg extension;
19. Provide additional primary school places, including a new primary school and contribute to the provision of secondary school places;
20. Provide and contribute to new health facilities to support the new community

Green Belt

21. Create defensible Green Belt boundaries utilising, where appropriate, existing landscape features;
22. Mitigate any impact on and improve the environmental quality and accessibility of remaining Green Belt land;

Green Infrastructure

23. Provide a significant area of enhanced and accessible green infrastructure (including new public rights of way) within a rural park to remain in the Green Belt identified on the Allocation Policy Plan, ensuring protection of heritage assets in this area;
24. Create wildlife corridors and stepping stone habitats within the development areas to support nature recovery networks, provide ecosystem services and accessible green infrastructure including green links:
 - i. From Clay Lane through to Brooks Drive and Fairywell Brook
 - ii. Through Davenport Green Ponds SBI to Medipark
25. Provide a range of types and sizes of open space within the allocation boundary in accordance with the Council's open space standards, including local parks and gardens; natural and semi-natural greenspace, equipped and informal play areas; outdoor sports pitches and allotment plots, ensuring arrangements for their long term maintenance;

26. Protect Manor Farm identified in the Allocation Policy Plan and promote its use for future sports provision including, where appropriate, new access and car parking;
27. Promote improvements to leisure facilities at Hale Country Club;

Natural Environment

28. Protect and enhance natural environment assets within the site and surrounding area, including SBIs, woodland and hedgerows;
29. Deliver a clear and measurable net gain in biodiversity, including provision for long-term management of habitats and geological features which may include SUDs systems of high biodiversity value created as part of the overall flood risk and drainage strategy;
30. Protect and enhance the habitats and corridors along Fairywell Brook and Timperley Brook to improve the existing water quality and seek to achieve 'good' status as required under the North West River Basin management plan (2019);

Landscape

31. Retain important landscape views and landscape features such as ponds, woodland and hedgerows and use these features to develop a distinct sense of place;
32. Provide appropriate landscape buffers across the site, including a substantial landscape buffer along the Green Belt boundary to mitigate the impact on the rural landscape to the south west of the allocation area;

Design

33. Ensure new development is place-led, creative and contextual in its response, respecting the local character and positive local design features of the area;
34. Be in accordance with the Council's adopted Design Guide embracing strategic design principles, including creating connected communities, redefining streets, delivering inclusive characterful design and responding to heritage;
35. Respect the urban/rural fringe setting in the design of the development, in terms of its height, scale and siting and demonstrate high standards of urban design;

Historic Environment

36. Positively conserve all aspects of the historic environment as appropriate without harm to the significance of heritage assets or their setting and in line with a Heritage Impact Assessment;
37. Protect and enhance archaeological features and, where appropriate, carry out archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the Timperley Wedge Heritage Assessment 2020 to understand where especially significant archaeology must be preserved in situ;

Utilities, Environmental Protection and Climate Change

38. Mitigate the impacts of climate change and utilise the most energy and water efficient technologies to achieve zero carbon by 2028;
39. Explore and deliver the most appropriate solutions to providing decentralised low carbon heat and energy as part of new residential and employment development. This will include exploring the potential for the development of district heat, cooling and energy networks, energy centres, the implementation of renewable and low carbon heat and energy technologies in design and the co-location of potential heat and energy customers and suppliers;
40. Ensure new development maximizes on-site renewable energy measures in line with the energy hierarchy, for example, via solar PV and other low carbon technologies, linked to the provision of and supply to electric vehicle charging infrastructure;
41. Make provision for other necessary infrastructure such as utilities, full fibre broadband and electric vehicle charging points in accordance with relevant GMSF or Local Plan policies;
42. Mitigate flood risk and surface water management issues including provision of SUDS through the design and layout of development in accordance with a flood risk, foul and surface water management strategy. The allocation-wide drainage strategy should be prepared after having fully assessed site topography, flood risk, existing water features and naturally occurring flow paths to identify where water will naturally accumulate. The strategy will demonstrate how each phase interacts with other phases of development and further detail will be set out in the Masterplan / SPD;
43. Incorporate on-site measures to deal with surface water and control the rate of surface water run off. Planning applications will be expected to apply the full surface hierarchy and ensure water is managed close to where it falls by mimicking the natural drainage solution;
44. Demonstrate that development proposals will not adversely affect existing water supply infrastructure that passes through the site. This will include consideration of any changes in ground levels and management of the construction process;
45. Seek to actively reduce the impact of potential flood risk both within and beyond the site;
46. Incorporate appropriate noise and air quality mitigation, such as woodland buffers, particularly along the M56 motorway, the Metrolink and HS2/NPR corridor in line with Environmental (Noise) Regulations;

Safeguarded Land - HS2 Growth Area

47. The land identified to the south and west of the HS2 Airport station as shown on the Allocation Policy Plan, although removed from the Green Belt, is not allocated for development at the present time;
48. The land is safeguarded in accordance with Policy GM-G 11 'Safeguarded Land';
49. Any future allocation is subject to an assessment that the land directly contributes to the Greater Manchester HS2 / NPR Growth Strategy and it should only be developed after completion of development set out in the Timperley Wedge masterplan/SPD and following the delivery of HS2 Airport station; and
50. Should a HS2 Airport station not be developed, the land will return to Green Belt following a future Plan review.

- 11.64** Development of the site will require a coordinated approach between all landowners and developers and Trafford Council is committed to working with stakeholders to bring forward a detailed Masterplan / SPD which provides a framework for the sustainable delivery of a new community at Timperley Wedge.

Residential development

- 11.65** The Timperley Wedge allocation will deliver around 1,700 homes in the plan period and around 2,500 in total. In the northern areas of the allocation site, development will deliver medium density housing to be in keeping with the existing character of the area. Lower density is not considered to be appropriate as this would not be an efficient use of land. Higher density housing, including apartments, will be appropriate close to the local centre, within the mixed housing and employment area to the south east of the allocation between the Local Centre and the HS2/NPR Airport Station. The density of areas closest to Green Belt and areas of ecological or historic importance may need to be lower subject to detailed design.
- 11.66** The site is expected to deliver affordable housing across all parts of the site at a minimum of 45% in line with the requirements identified in the Housing Needs Assessment 2019. The site offers an opportunity to deliver affordable housing on a greenfield site and make an important contribution to addressing the acute affordable housing need in Trafford.
- 11.67** There are a number of existing pockets of residential development across the site some of which contain locally distinctive design features. New development should therefore be designed so that it is sensitively integrated into these areas.

Employment development

- 11.68** Employment development will deliver around 15,000 sqm in the plan period and 60,000 sqm in total. This will be located in the south eastern area of the site at Davenport Green as a mixed use area with some higher density residential units. It will support the expansion of Manchester Airport and University Hospital South Manchester. This land is already allocated for high quality office use.
- 11.69** The area is close to areas of deprivation, including Wythenshawe in Manchester and Broomwood in Trafford and it will also be accessible by bus and tram to other areas of deprivation in Trafford. Targets for the training and employment of local people could, therefore, be agreed between the developers, the local colleges and the Local Authority to ensure a realistic number of local people benefit from training and new jobs as a result of the development.

Delivery and phasing

- 11.70** Approximately 800 new residential units and 45,000 sqm of employment land have been phased for delivery beyond the plan period as the development is proposed on land located within the HS2 construction boundary and therefore will be unavailable for a temporary period whilst the HS2 route, Airport Station and southern tunnel portal are under construction. It is

therefore anticipated that this area will come forward following the completion of HS2 Airport Station and the build-out is very likely to extend beyond the GMSF plan period. The timescales for development in this area are, in part, dependent on the HS2 timescales. The area of land required for construction may therefore be altered if changes are made to the overall HS2 construction programme. However delivery of development is not dependent on HS2/NPR and in the unlikely event a rail scheme did not come forward, an alternative option for delivery of development in this area has been considered and is achievable.

- 11.71** All areas of development will be expected to make a proportionate contribution to necessary infrastructure, including transport, social and green infrastructure. Further details on supporting infrastructure requirements will be set out in the masterplan or SPD together with information on trigger points for when infrastructure such as road and junction improvements, a new school and the spine road will be required linked to the development trajectory.

Transport integration and accessibility

- 11.72** The delivery of new and improved public transport and active travel infrastructure is integral to the success of the Timperley Wedge allocation enabling modal shift from car travel to sustainable travel modes. The Western Leg Metrolink extension will provide links to Manchester Airport, as well as to employment areas in Trafford Park and other main employment areas in the borough and GM. This will benefit both existing and new residents providing improved access to jobs and services. A proportionate contribution towards the Metrolink extension infrastructure is, therefore, appropriate and will need to be agreed with TfGM.
- 11.73** The road network currently consists of country lanes which are unable to support the proposed development but will be enhanced to promote them as cycling and walking routes promoting healthier lifestyles. These, together with new routes, will provide links through the allocation and to Medipark, Hale Barns, Timperley and beyond. A new spine road will provide safe capacity for car use and link to the surrounding road network. The route identified is indicative at this stage and further work on the most appropriate alignment will be required as part of future masterplanning / planning applications. It is envisaged the spine road will be delivered incrementally by the development as and when it requires access from it. The spine road will have a safe route for walking, cycling and bus rapid transit and will contribute to improving east/west connectivity between Altrincham and the Airport, as well as the wider southern Greater Manchester area. The Timperley Wedge/Medipark Transport Locality Assessment has determined the key necessary transport interventions and supporting interventions needed to mitigate the impact of the development. These include interventions specific to each allocation but also shared interventions between the allocations.
- 11.74** An appropriate proportioning of contributions between the allocations and individual development plots together with more local interventions will need to be determined by further masterplanning, detailed design and a Transport Assessment.

Community Facilities

- 11.75** A new local centre close to the proposed Metrolink stop will be a hub for community infrastructure and will service the needs of the community. The site will be an attractive location for families, and it is anticipated that this will generate the need for a new primary school located close to the Local Centre. Secondary schools within the area can accommodate the new pupils but will require a contribution per pupil place. Small high street shops and community facilities including health facilities and a local supermarket would also be appropriate within the Local Centre.

Green Belt

- 11.76** The development will involve the removal of some land from the Green Belt, however, a considerable area of Green Belt within the allocation boundary will remain. This area of retained Green Belt will maintain the separation of Timperley and Hale, and will be enhanced to improve green infrastructure functionality, creating new accessible recreation areas particularly along the Timperley Brook and the large SBI areas.
- 11.77** Opportunities exist to enhance areas of SBI, existing woodland and hedgerows throughout the allocation. The incorporation of 'old' (19th century or earlier origins) hedgerows within development areas will help to enhance the sense of place of the local landscape. These will also contribute to the green setting of development.

Green Infrastructure

- 11.78** Where green spaces remain in the part of the allocation area that is to be removed from the Green Belt, there is a need to provide the highest level of protection in line with policies in Trafford's Local Plan.
- 11.79** The allocation contains Bowdon Rugby Club along Clay Lane. As part of the development proposals, it may be appropriate to look at opportunities to relocate the facilities within the wider allocation area. Such proposals will be considered as part of future detailed masterplanning work.
- 11.80** Manor Farm sports fields along Ridgeway Road are an existing valued community resource and will be protected in line with policies in Trafford's Local Plan. The facilities have the potential to be enhanced and more widely used with a new access created from Clay Lane.
- 11.81** Hale Country Club is looking to make improvements to its leisure facilities creating job opportunities and providing a higher quality of leisure experience for local communities.

Natural Environment

- 11.82** The development will need to have regard to existing ecological features and should seek to enhance these as part of the development. This includes the habitats and green corridors along Fairywell Brook and Timperley Brook.

Landscape

- 11.83** An area of open land will remain alongside the allocation and development will therefore be required to consider the landscape setting and enhance the transition between the urban edge and the open countryside having regard to views / vistas into and out of the site

Design

- 11.84** Development will need to set a new high quality design standard for this area and should draw upon the guidance in the Council's adopted Design Guide. Specific parameters for the development of the site will be set out in the Masterplan / SPD.

Historic Environment

- 11.85** The Timperley Wedge Historic Environment Assessment 2020 considered the characterisation of the land in respect to the known archaeological, built heritage and historic landscape within the allocation. It assessed the potential for the development to affect designated and non-designated heritage assets, their settings and important views, and this has been taken into account in considering appropriate quantum of development for the site. The area of highest archaeological potential is within the south-western portion of the site. Although this particular area remains in the Green Belt there is potential for enhancement as part of development proposals.
- 11.86** Areas of particular sensitivity are the Deer Park and listed structures including Davenport Green Farmhouse, Hall and Barn. The Assessment makes recommendations for mitigation, and identifies opportunities for enhancement. Further archaeological investigation and a Heritage Impact Assessment will be required as part of future planning applications to understand the heritage significance of these areas. A suitable mitigation strategy should be developed which also identifies opportunities to enhance the heritage assets.

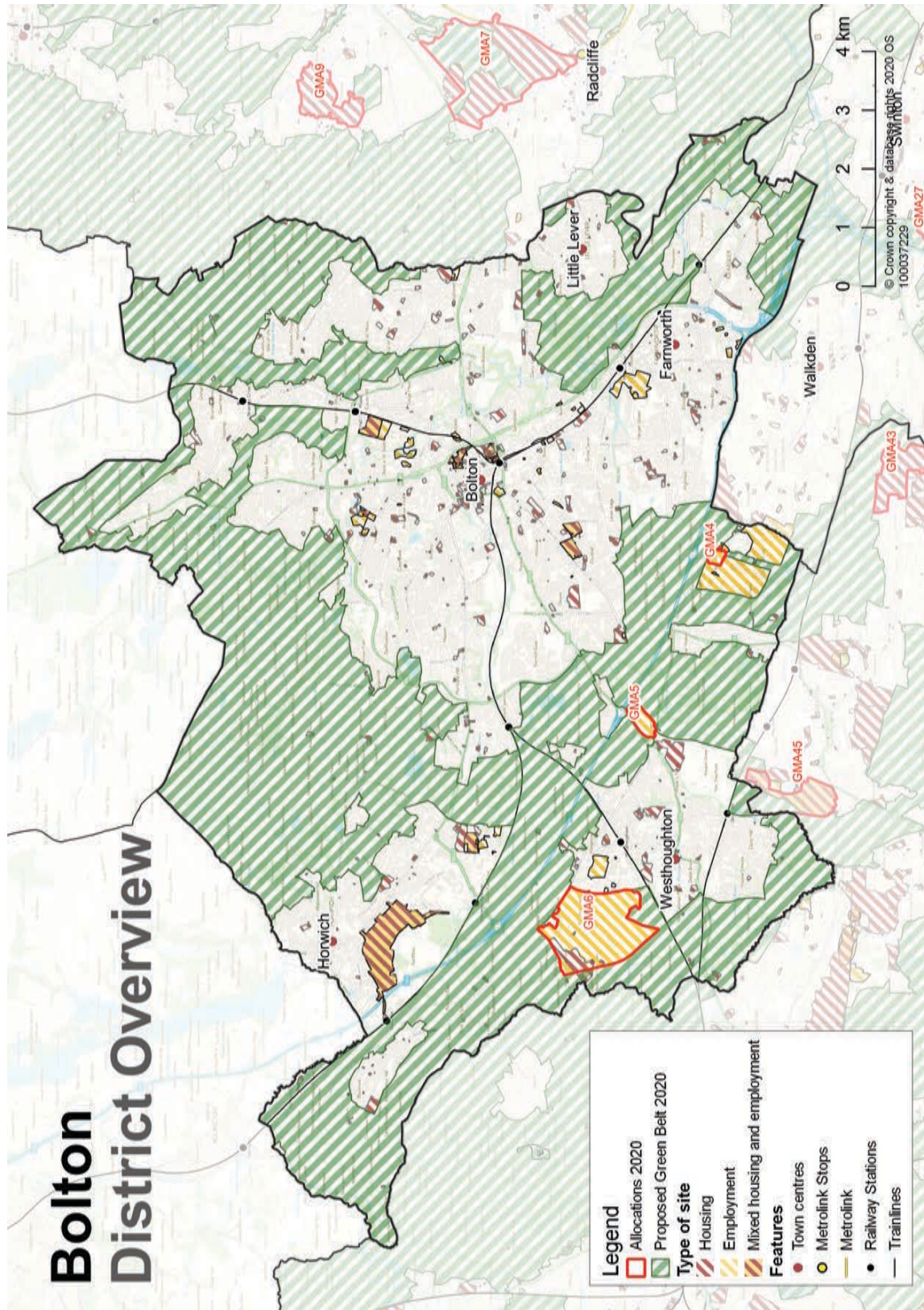
Utilities, environmental protection and climate change

- 11.87** Opportunities will be explored to maximise the potential of the Timperley Brook and Fairywell Brook in terms of urban flood management. The Brooks currently have a rating of 'moderate' under the North West River Basin Management Plan (2019), the development should seek opportunities to improve this to 'good'.
- 11.88** A high quality, coordinated drainage strategy will be required which is integrated with the green and blue environment and which is a key component of the new high quality design standard for this area.
- 11.89** Landowners and developers will be expected to work together in the interest of sustainable drainage. Where necessary, the strategy must be updated and agreed with the local planning authority to reflect any changing circumstances between each phase of development.
- 11.90** The incorporation of a swale adjacent to the spine road has the potential to reduce surface water runoff.

- 11.91** Downstream from this allocation there is an area with an existing risk of flooding and as such the development of this site has the potential to take a strategic approach to flood risk management and provide additional opportunities for upstream storage. Further investigation is needed into this as open areas of water in this location are a risk for bird strike due to the close proximity of Manchester Airport.
- 11.92** Noise mitigation such as fencing and bunds will ensure areas like the M56, Metrolink line and HS2 are not seen to be bad neighbours to development.

Safeguarded Land - HS2 Growth Area

- 11.93** The Greater Manchester HS2/NPR Growth Strategy identifies the opportunities of this strategically important and well-connected location adjacent to the HS2 Airport station. The exceptional circumstances for taking this land out of the Green Belt are directly related to the potential this land has to capitalise directly on the economic benefit brought by HS2. The south eastern area of the allocation, adjacent to the HS2 station, has therefore been removed from the Green Belt to support the delivery of the wider Greater Manchester HS2 Growth Strategy ambitions.
- 11.94** In the longer term this area may also benefit from Northern Powerhouse Rail (NPR) (or an equivalent project) which will deliver fast east west rail connections across the north, further enhancing public transport connections to the station.
- 11.95** The area around the Manchester Airport HS2 Station has been removed from the Green Belt, but will only be considered a sustainable location after delivery of HS2 Airport Station. It is likely much of this land will be utilised to support HS2 during construction but after the delivery of HS2, land adjacent to the station could be available for potential housing and employment development that will benefit from this sustainable, well connected location.
- 11.96** As part of the delivery of HS2 a substantial landscaped screen/ buffer will form a boundary to this land and housing on Brookes Drive and will form the new Green Belt boundary.

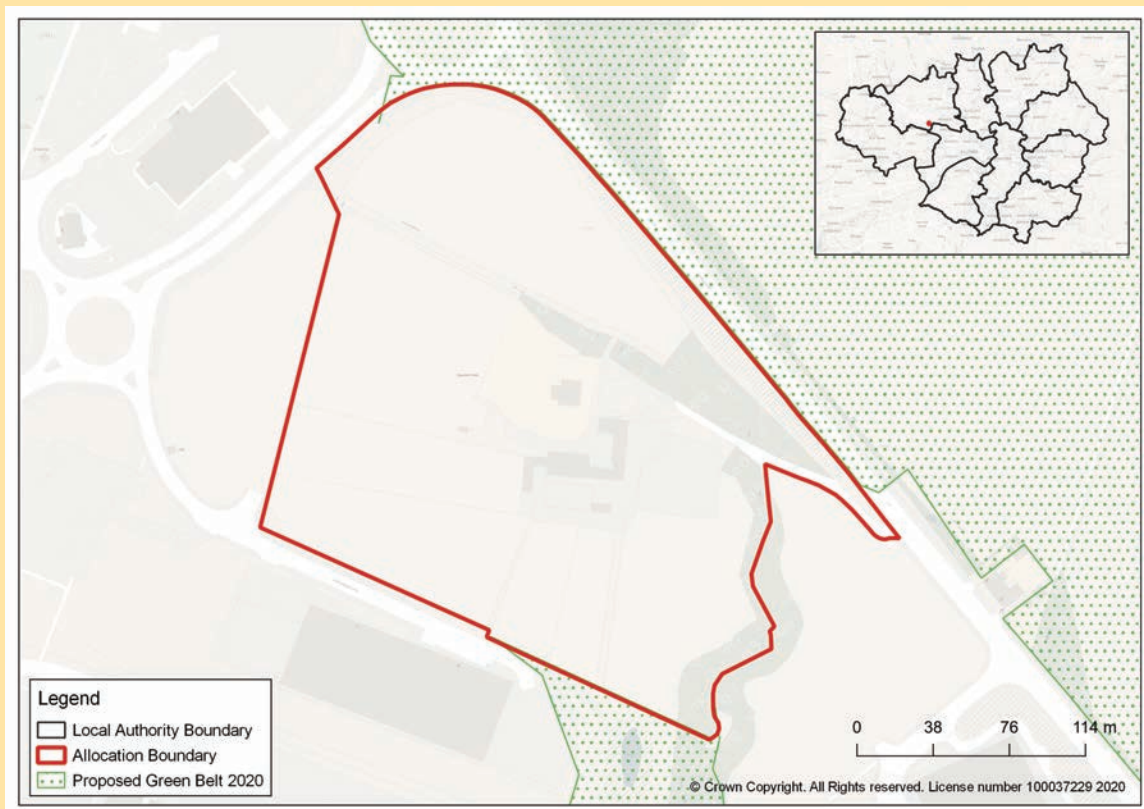


Picture 11.10 Bolton District Overview

Bewshill Farm

Policy GM Allocation 4

Bewshill Farm



Picture 11.11 GMA 4 Bewshill

Development at this site will be required to:

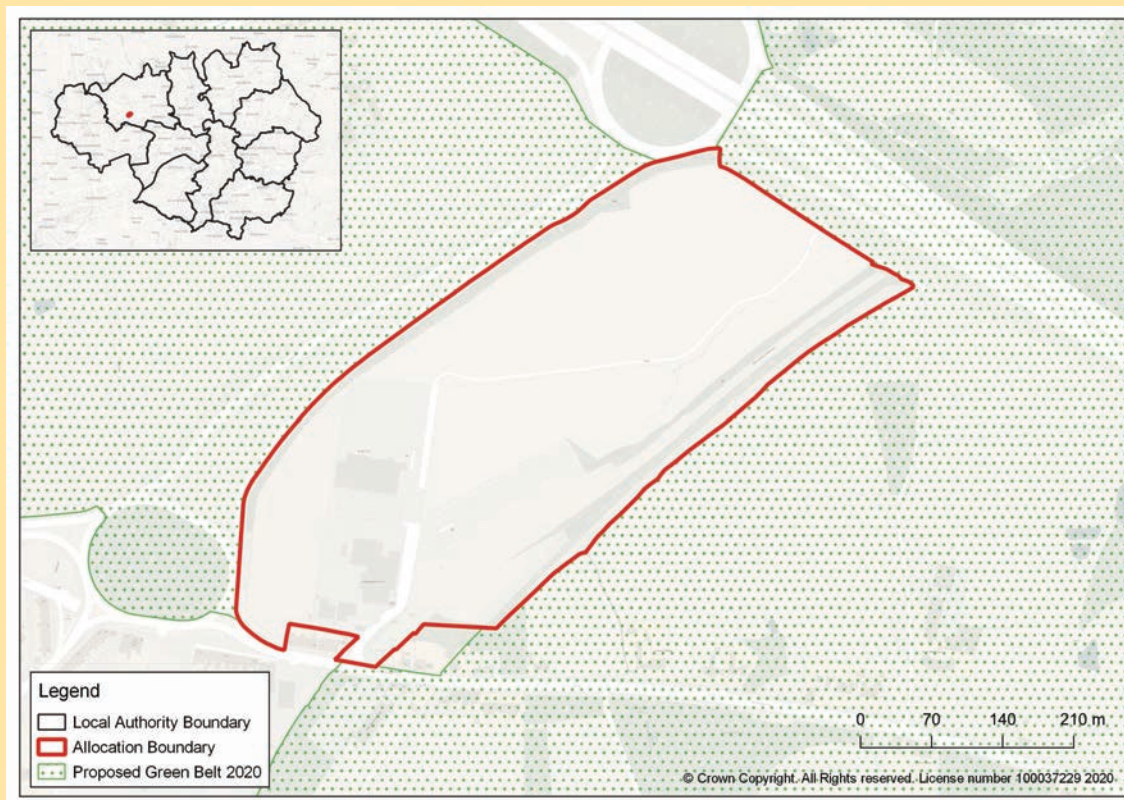
1. Provide a location for around 21,000 sqm of industrial and warehousing floorspace to compliment the adjacent development at Logistics North;
2. Take access from the Logistics North site;
3. Contribute to the existing Logistics North local link demand responsive transport service; and
4. Provide high quality landscaping especially along its prominent frontage with the A6

11.97 The Logistics site at Over Hulton is currently experiencing considerable pressure for development and it is expected that it will be completely committed by the early 2020s. This site provides the opportunity for a modest extension to Logistics North. Development would be for industrial and warehousing uses to reflect the uses at Logistics North.

Chequerbent North

Policy GM Allocation 5

Chequerbent North



Picture 11.12 GMA 5 Chequerbent North

Development at this site will be required to:

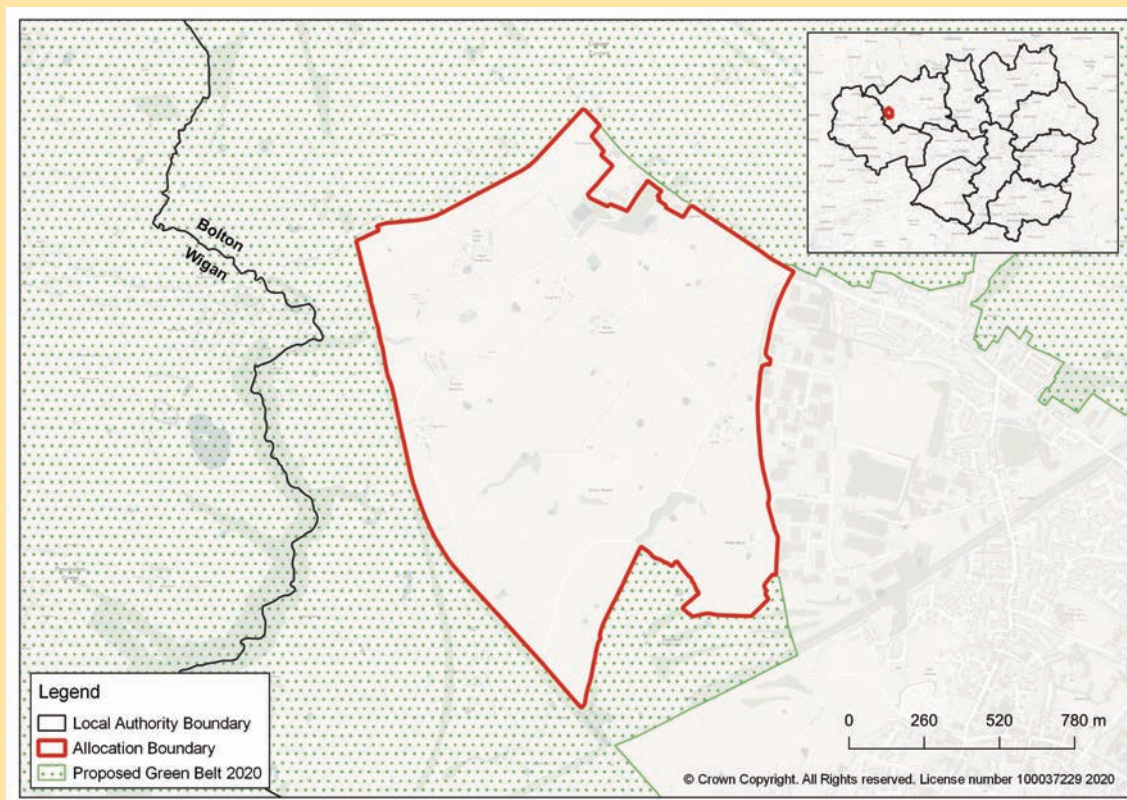
1. Provide a location for around 25,000 sqm of industrial and warehousing floorspace in the Wigan to Bolton Growth Corridor;
2. Be accessed from the A6, with a potential access via Snydale Way, subject to detailed highway design considerations;
3. Provide good quality access to the site by motor vehicle, public transport, walking and cycling;
4. Provide financial contribution to mitigate impacts on the Local Road Network including improvements to Chequerbent roundabout or other improvements identified through a transport assessment;
5. Require high quality landscaping particularly to the west along Snydale Way and to the north along the M61; trees and hedgerows along the eastern boundary should be retained for screening

- 11.98** The Wigan to Bolton growth corridor is an excellent location for logistics and industrial uses. Strong demand for employment uses in the M61 corridor is evidenced by the success of other developments, including Logistics North.
- 11.99** There are no obstacles to the construction of the site and it could come forward within 5 years, subject to release from the Green Belt. Other developments in the vicinity may change the layout of the Chequerbent roundabout before the development of this site, and the requirements of this site to contribute to improving the roundabout will be considered at the time of any planning application.

West of Wingates / M61 Junction 6

Policy GM Allocation 6

West of Wingates / M61 Junction 6



Picture 11.13 GMA 6 West of Wingates / M61 Junction 6

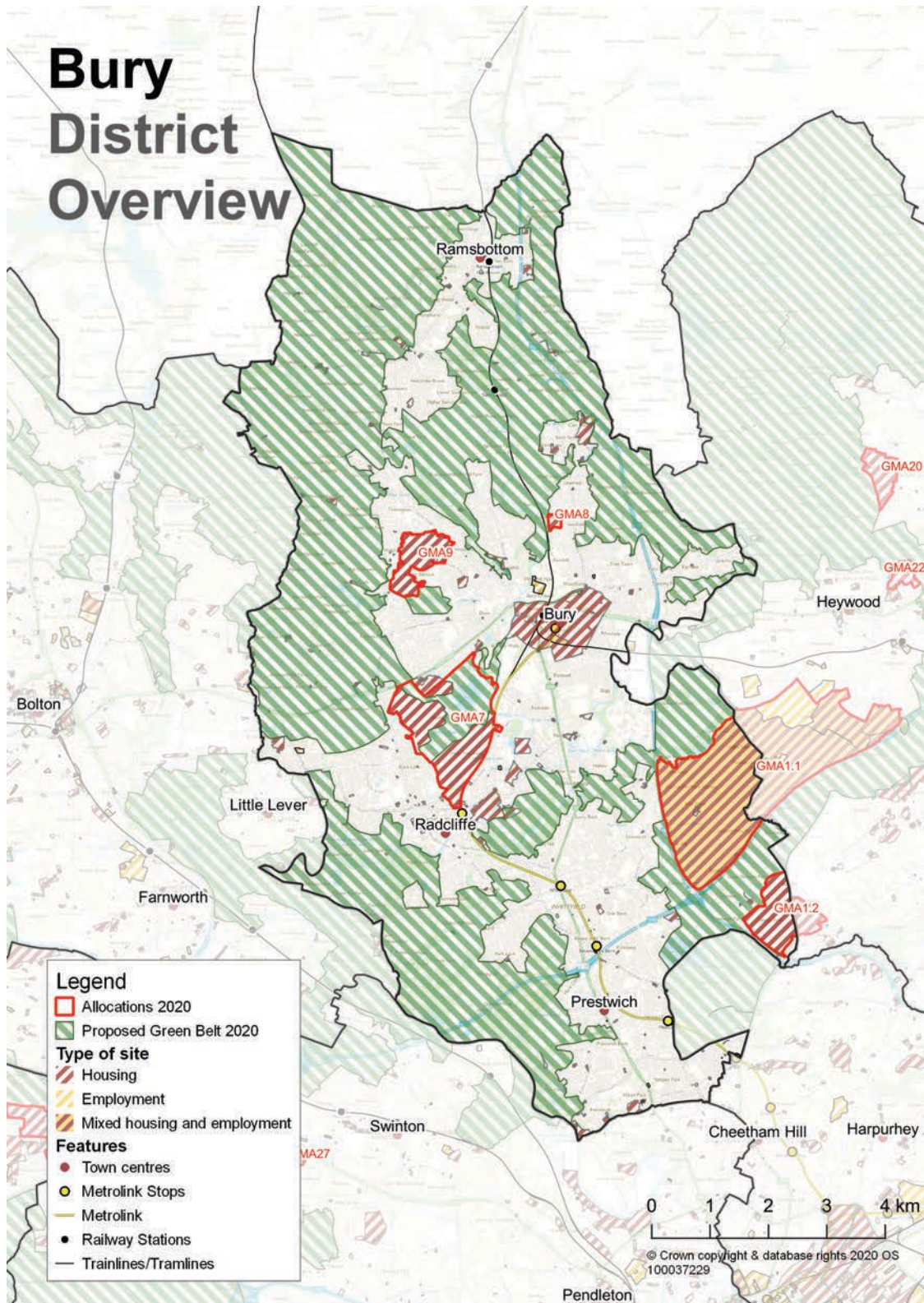
Development at this site will be required to:

1. Provide a location for around 440,000 sqm, for a mix of large scale warehousing and advanced manufacturing;

2. Be in accordance with an agreed comprehensive masterplan that shows phasing within the site, and which areas should or should not be developed;
3. Ensure that good quality road access is provided, allowing a link from the A6 to Westhoughton;
4. Take advantage of the site's location near Junction 6 of the M61, whilst making sure that it has no significantly adverse affect on the motorway or other surrounding roads;
5. Provide financial contributions to the enhancement of the highway network, public transport and demand responsive services, cycling and walking or other improvements identified through a transport assessment;
6. Ensure that the siting and scale of buildings minimises the impact on long range views and that a high quality scheme of landscaping is implemented to minimise the prominence of the development and its impact upon the surrounding landscape;
7. Protect the Site of Biological Importance at Four Gates from development and incorporate very high levels of landscaping, including the retention of existing woodland, hedgerows and ponds where practicable, so as to minimise the visual impact on the wide landscape and mitigate against its environmental impacts;
8. Take into account the affects of air and noise pollution from the major highways in and around the site;
9. Ensure that there is no undue adverse impact of light, air and noise pollution from the development and its associated operations; and
10. Ensure that the integrity of the extensive network of existing rights of way network is protected.

- 11.100** The Wigan to Bolton growth corridor is an excellent location for logistics and industrial uses. Strong demand for employment uses in the M61 corridor is evidenced by the success of other developments, including Logistics North.
- 11.101** The Logistics North site at Over Hulton is currently experiencing considerable pressure for development, and it is expected that it will be completely committed by the early 2020s.
- 11.102** Developing the land to the west of Wingates would allow a continuing supply of land for warehousing and distribution in the M61 corridor and a significant contribution to the economy of Bolton and the northern part of Greater Manchester. The size of the site and its location make it particularly appropriate for large scale distribution uses.
- 11.103** Development would require a new road across the site and to the north to link with junction 6 of the M61. The development should allow for a road to be continued south through Bowlands Hey providing both a link from the site to the residential areas of Westhoughton and a western bypass for Westhoughton. There would be the opportunity to provide bus routes to link to nearby stations at Westhoughton and Horwich Parkway. This would allow improved access for local residents to new employment opportunities on this site, and existing employment areas such as Middlebrook and Lostock.

Strategic Allocations in Bury

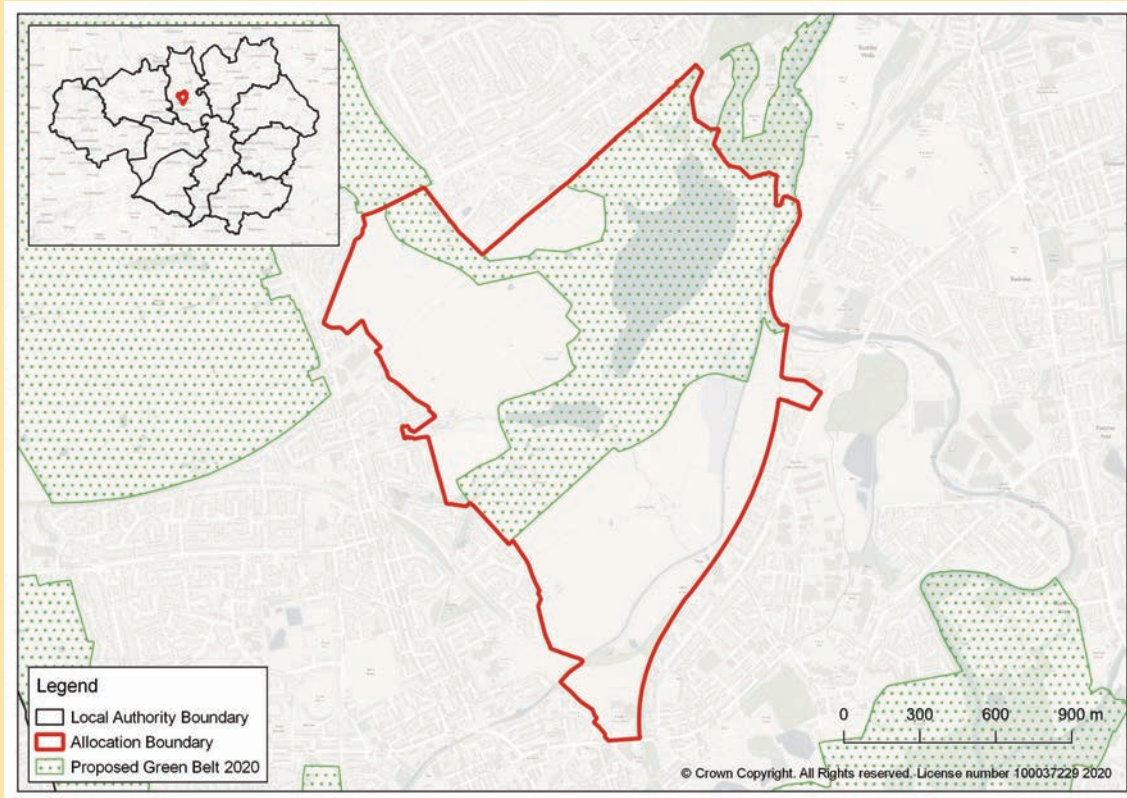


Picture 11.14 Bury District Overview

Elton Reservoir

Policy GM Allocation 7

Elton Reservoir



Picture 11.15 GMA 7 Elton Reservoir

Any proposals for this allocation must be in accordance with a comprehensive masterplan that has been previously approved by the LPA. It shall include a clear phasing strategy as part of an integrated approach to the delivery of infrastructure to support the scale of the whole development in line with Policy GM-D 1 'Infrastructure Implementation'. This should include the delivery of highways infrastructure, surface water drainage, grey infrastructure including utilities provision, green and blue infrastructure, broadband, electric vehicle charging points, recreation provision and social infrastructure and ensure coordination between phases of development.

Development within this allocation will be required to:

1. Deliver a broad mix of around 3,500 houses to diversify the type of accommodation in the Bury and Radcliffe areas. This includes an appropriate mix of house types and sizes, accommodation for older people, plots for custom and self-build and higher densities of development in areas with good accessibility and with potential for improved public transport connectivity, particularly in the southern areas of the allocation. It is expected that around 1,900 of these homes will be delivered during the plan period;

2. Make provision for new and improved highways infrastructure including:

- i. A north-south strategic spine road connecting Bury and Bolton Road (A58) to Bury Road, Radcliffe that is designed to be suitable for buses, would not adversely impact on the operation of Metrolink services, incorporates provision for active travel and is in line with local design standards;
- ii. A strategic connection from the spine road to Spring Lane, Radcliffe via the former Coney Green High School site that is designed to be suitable for buses, incorporates provision for active travel and is in line with local design standards; and
- iii. Other off-site highway works where these are necessary to ensure acceptable traffic movement, including works in and around Radcliffe town centre.

Residential development within the allocation will be limited until the above infrastructure (or key elements of it) is implemented as necessary mitigation;

- 3. Make provision for major investment in public transport infrastructure to enable more sustainable transport choices, including a requirement for a new Metrolink stop and associated park and ride facilities in the Warth area;
- 4. Deliver a network of safe cycling and walking routes through the allocation linking neighbourhoods with key destinations, designed and constructed in accordance with national and GM standards and local planning policies;
- 5. Make provision for affordable housing in accordance with local planning policy requirements, equivalent to at least 25% of the dwellings on the site and across a range of housing types and sizes (with an affordable housing tenure split of 60% social or affordable rented and 40% affordable home ownership);
- 6. Make provision for two new two form entry primary schools to meet the needs of the prospective school-aged residents;
- 7. Make provision for a new secondary school to meet the needs of the prospective school-aged residents;
- 8. Make provision for new local centres in accessible locations which include a range of appropriate retail, health and community facilities and ensure they are integrated with existing communities;
- 9. Make provision for other necessary infrastructure such as utilities, broadband and electric vehicle charging points in accordance with relevant GMSF or local planning policies;
- 10. Ensure the design and layout allows for effective integration with surrounding communities, including active travel links and connections to Inner Radcliffe, Radcliffe Town Centre, Radcliffe Metrolink Station, local schools and Bury town centre;
- 11. Make provision for recreational facilities to meet the needs of the prospective residents in accordance with local planning policy requirements;
- 12. Provide a significant green corridor which remains within the Green Belt and provides a strategic amount of new, high quality and publicly accessible open space/parkland coupled with a network of multi-functional green and blue infrastructure within the allocation to provide health benefits to residents as well as creating a visually attractive environment and providing linkages to the sites wider drainage strategy in accordance with Policy GM-G 2 'Green Infrastructure Network' and Policy GM-G 8 'Standards for a Greener Greater

Manchester'. This should include the enhancement and the integration of the existing assets at Elton and Withins Reservoirs and the Manchester, Bolton and Bury Canal to create an extensive recreation, tourism and leisure asset;

13. Minimise impact on and provide net gains for biodiversity assets within the allocation in accordance with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
14. Ensure the allocation is safe from and mitigates for potential flood risk from all sources including the River Irwell, Elton and Withins Reservoir and surface water and does not increase the flood risk elsewhere. The delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development;
15. Ensure that sustainable drainage systems are fully incorporated into the development to manage surface water and control the rate of surface water run-off, discharging in accordance with the hierarchy of drainage options. Where possible, natural SuDS techniques should be utilised, prioritising the use of ponds, swales and other infrastructure which mimic natural drainage and be designed as multi-functional green infrastructure connecting to the wider green and blue infrastructure network in accordance with Policy GM-S 5 'Flood Risk and the Water Environment' and nationally recognised SuDS design standards. Proposals to discharge to the public sewer will need to submit clear evidence demonstrating why alternative options are not available. ;
16. Make appropriate provision for the long-term management and maintenance of areas of green infrastructure, biodiversity features, other areas of open space/parkland and sustainable drainage features; and
17. Protect and enhance heritage and archaeological assets and their setting within the allocation in accordance with the findings and recommendations of a Heritage Impact Assessment, including the Grade II listed Old Hall Farmhouse and wider historic character of the surrounding area.

11.104 The area around Elton Reservoir is of strategic significance, not only for Bury, but also in the Greater Manchester context given that it will bring forward one of the GMSF's largest contributions to future housing supply and provide a diverse mix of house types and affordable housing provision for the Bury and Radcliffe areas.

11.105 The allocation is almost entirely surrounded by the existing urban area and is well-connected to existing infrastructure although the delivery of around 3,500 new homes will require the provision of significant levels of new and improved highways, public transport and other supporting infrastructure. Although the allocation has the capacity to deliver a total of around 3,500 new homes, it is anticipated that around 1,900 of these will be delivered within the plan period. Nevertheless, it is considered necessary to release the site in full at this stage given that the scale of the proposed development means that it will need to be supported by significant strategic infrastructure and this level of investment needs the certainty that the remaining development will still be able to come forward beyond the plan period.

- 11.106** Fundamental to the delivery of residential development in this area will be the provision of major highways infrastructure. This will include the need to incorporate a strategic north-south spine road through the allocation connecting Bury and Bolton Road (A58) to Bury Road, Radcliffe. This will provide an essential alternative to Bury Bridge for traffic travelling south towards Manchester from the west Bury area. The new road must not adversely impact on the operation of Metrolink services. Furthermore, in order to improve linkages to and assist in the physical and social regeneration of inner Radcliffe and Radcliffe town centre, there is a need to provide a significant spur road connecting the allocation to Spring Lane via the former Coney Green High School site. The new highways infrastructure must be in place before significant amounts of housing is developed and this should be reflected in the Phasing Strategy.
- 11.107** Proposals for development of the allocation will be required to fully assess the impacts on traffic generation on existing highways and, where necessary, to incorporate or facilitate the delivery of the required improvements to other roads and junctions.
- 11.108** The Bury to Manchester Metrolink line runs along the eastern edge of this area and, in order to reduce reliance on the car, any development within the allocation will be required to incorporate the provision of a new Metrolink stop and any associated park and ride facilities in the Warth area. Direct walking and cycling connections to the Metrolink stop will also be necessary.
- 11.109** New development and investment in this area will need to be fully integrated into the existing urban fabric and with surrounding neighbourhoods and communities. In doing so, any development will need to facilitate new pedestrian and cycle links through the development and into surrounding areas. This will include strong linkages to Inner Radcliffe and Radcliffe town centre, Radcliffe Metrolink and local schools which, in addition to the spur road, will further help in supporting on-going physical and social regeneration efforts in this area.
- 11.110** Development of this scale will significantly increase demands for education provision and, as a result, the development will need to include the provision of new facilities for primary and secondary education. It will also generate a need to make provision for appropriate local centres that are more accessible to and meet the day-to-day needs of surrounding communities.
- 11.111** A significant amount of the allocation is to remain as Green Belt. This provides the opportunity to significantly enhance the green infrastructure and biodiversity value of the allocation, enhance and incorporate existing assets such as the priority habitats and the water features of Elton and Withins Reservoirs and the Manchester and Bolton and Bury Canal and improve access to open space for the local community. The development will need to have regard to existing features of ecological and wildlife interest by minimising impacts on and providing net gains for biodiversity.
- 11.112** Delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development. Measures such as rainwater recycling, green roofs, water butts and permeable driveway surfaces should be considered

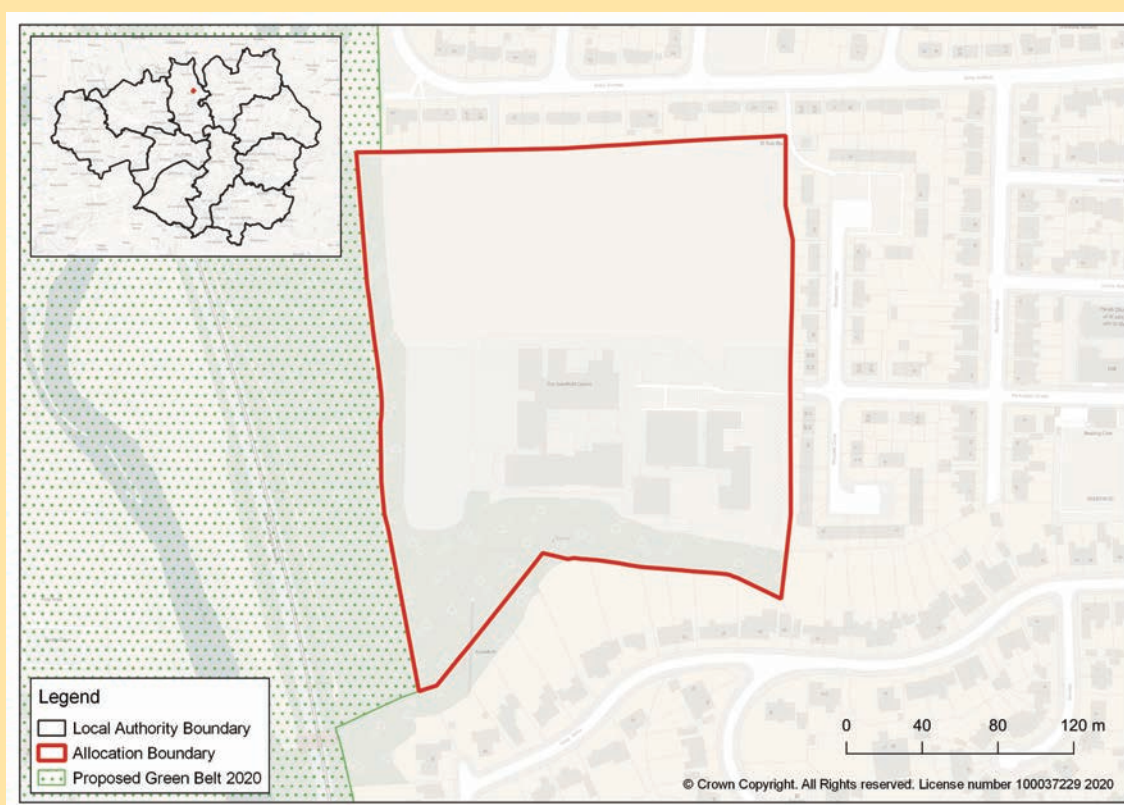
to mitigate the impact of potential flood risk both within and beyond the site boundaries. As a green and blue infrastructure network will provide more sustainable options discharge surface water, only foul flows should connect with the public sewer.

- 11.113** There is one Grade II Listed building within the allocation – Old Hall Farmhouse and there are a number of locally listed buildings and structures throughout the allocation. Any development will, therefore, be required to respect the setting of the Farmhouse and capitalise on opportunities to draw on the contribution that the Farmhouse makes to the character of the area. The completion of a Heritage Impact Assessment will be required.

Seedfield

Policy GM Allocation 8

Seedfield



Picture 11.16 GMA 8 Seedfield

Development in this allocation will be required to:

1. Deliver a broad mix of around 140 houses to diversify the type of accommodation in the Seedfield area;

2. Make necessary improvements to local highway infrastructure to facilitate appropriate access to the allocation and incorporate enhancements to public transport, pedestrian and cycle routes in the area;
3. Make provision for affordable housing in accordance with local planning policy requirements, equivalent to at least 25% of the dwellings on the site and across a range of housing types and sizes (with an affordable housing tenure split of around 60% social or affordable rented and 40% affordable home ownership);
4. Make provision for other necessary infrastructure such as utilities, broadband and electric vehicle charging points in accordance with relevant GMSF or local planning policies;
5. Ensure the design and layout allows for effective integration with surrounding communities, including active travel links to Burrs Country Park and employment opportunities in Bury Town Centre;
6. Retain and enhance and/or replace existing recreation facilities and make provision for new recreation facilities to meet the needs of the prospective residents in accordance with local planning policy requirements;
7. Retain, enhance the wildlife corridor and green infrastructure elements to the west and south of the allocation and introduce appropriate mitigation measures to provide health benefits to residents as well as creating a visually attractive environment in accordance with Policy GM-G 2 'Green Infrastructure Network' and Policy GM-G 8 'Standards for a Greener Greater Manchester';
8. Minimise impacts on and provide net gains for biodiversity assets within the allocation in accordance with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
9. Ensure the allocation is safe from and mitigates for, potential flood risk from all sources including surface water, sewer flooding and groundwater. The delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development;
10. Ensure that sustainable drainage systems are fully incorporated into the development to manage surface water and control the rate of surface water run-off, discharging in accordance with the hierarchy of drainage options. Where possible, natural SuDS techniques should be utilised, prioritising the use of ponds, swales and other infrastructure which mimic natural drainage and be designed as multi-functional green infrastructure connecting to the wider green and blue infrastructure network in accordance with Policy GM-S 5 'Flood Risk and the Water Environment' and nationally recognised SuDS design standards. Proposals to discharge to the public sewer will need to submit clear evidence demonstrating why alternative options are not available.; and
11. Make appropriate provision for the long term management and maintenance of areas of green infrastructure, biodiversity features and sustainable drainage features.

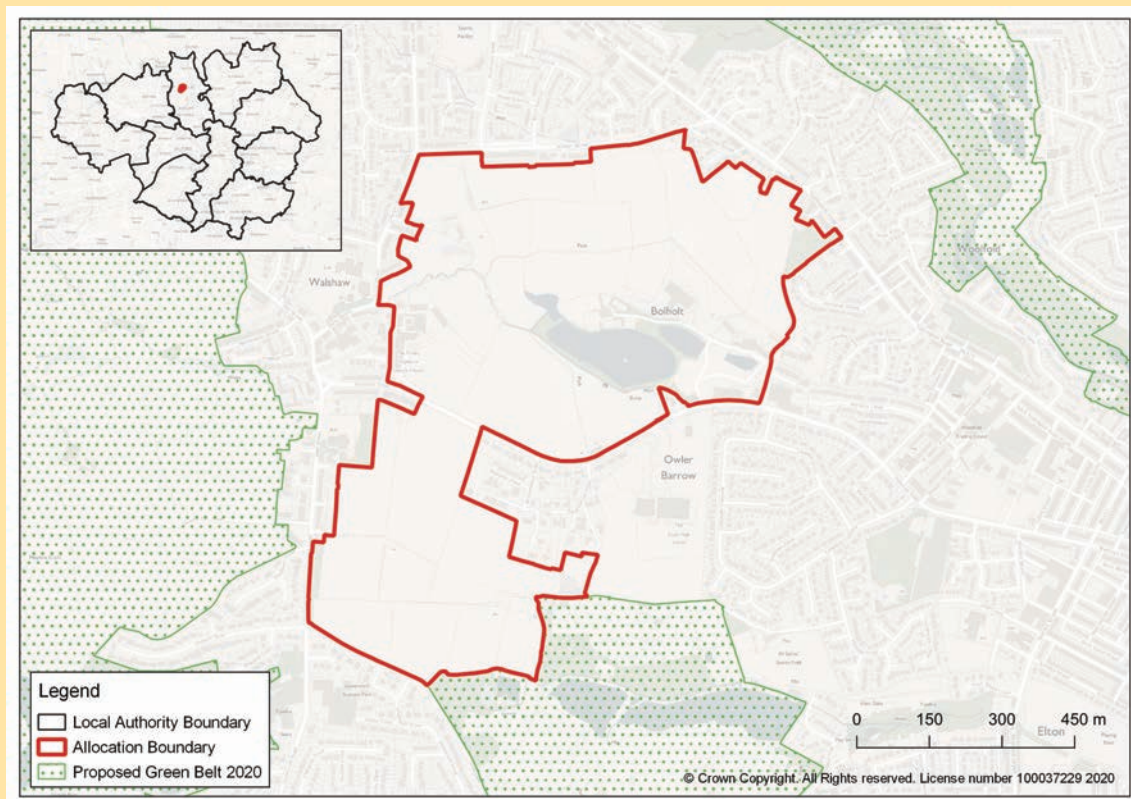
11.114 The allocation is well-connected to the existing urban area and is less than 2 kilometres from Bury town centre. It provides an opportunity to deliver a diverse mix of house types and affordable housing provision for the Seedfield area.

- 11.115** Around 50% of the allocation is previously-developed and a large part of the remaining land is used as playing fields. In addition to making provision for the recreational needs of the prospective residents of the new development, there will also be a requirement to provide replacement sports pitch provision to off-set the loss of the existing playing fields within the allocation. It is important that the replacement provision should be accessible, be of an equivalent or better quantity and quality and laid out and usable prior to the commencement of any development on the Seedfield allocation.
- 11.116** The attractive setting of the development will be further strengthened by the provision of improved east/west pedestrian and cycle linkages, particularly to and from the expanding leisure attractions at Burrs Country Park.
- 11.117** Delivery of the allocation should be guided by an appropriate flood risk and drainage strategy. Measures such as rainwater recycling, green roofs, water butts and permeable driveway surfaces should be considered to mitigate the impact of potential flood risk both within and beyond the site boundaries. As a green and blue infrastructure network will provide more sustainable options discharge surface water, only foul flows should connect with the public sewer.

Walshaw

Policy GM Allocation 9

Walshaw



Picture 11.17 GMA 9 Walshaw

Any proposals for this allocation must be in accordance with a comprehensive masterplan that has been previously approved by the LPA. It shall include a clear phasing strategy as part of an integrated approach to the delivery of infrastructure to support the scale of the whole development in line with Policy GM-D 1 'Infrastructure Implementation'. This should include the delivery of highways infrastructure, surface water drainage, grey infrastructure including utilities provision, green and blue infrastructure, broadband, electric vehicle charging points, recreation provision and social infrastructure and ensure coordination between phases of development.

Development in this allocation will be required to:

1. Deliver a broad mix of around 1,250 houses to diversify the type of accommodation in the Walshaw area. This includes an appropriate mix of house types and sizes, accommodation for older people, and provision of plots for custom and self-build housing;
2. Make provision for significant new and improved highways infrastructure to enable the proposed level of development to be accommodated, including:

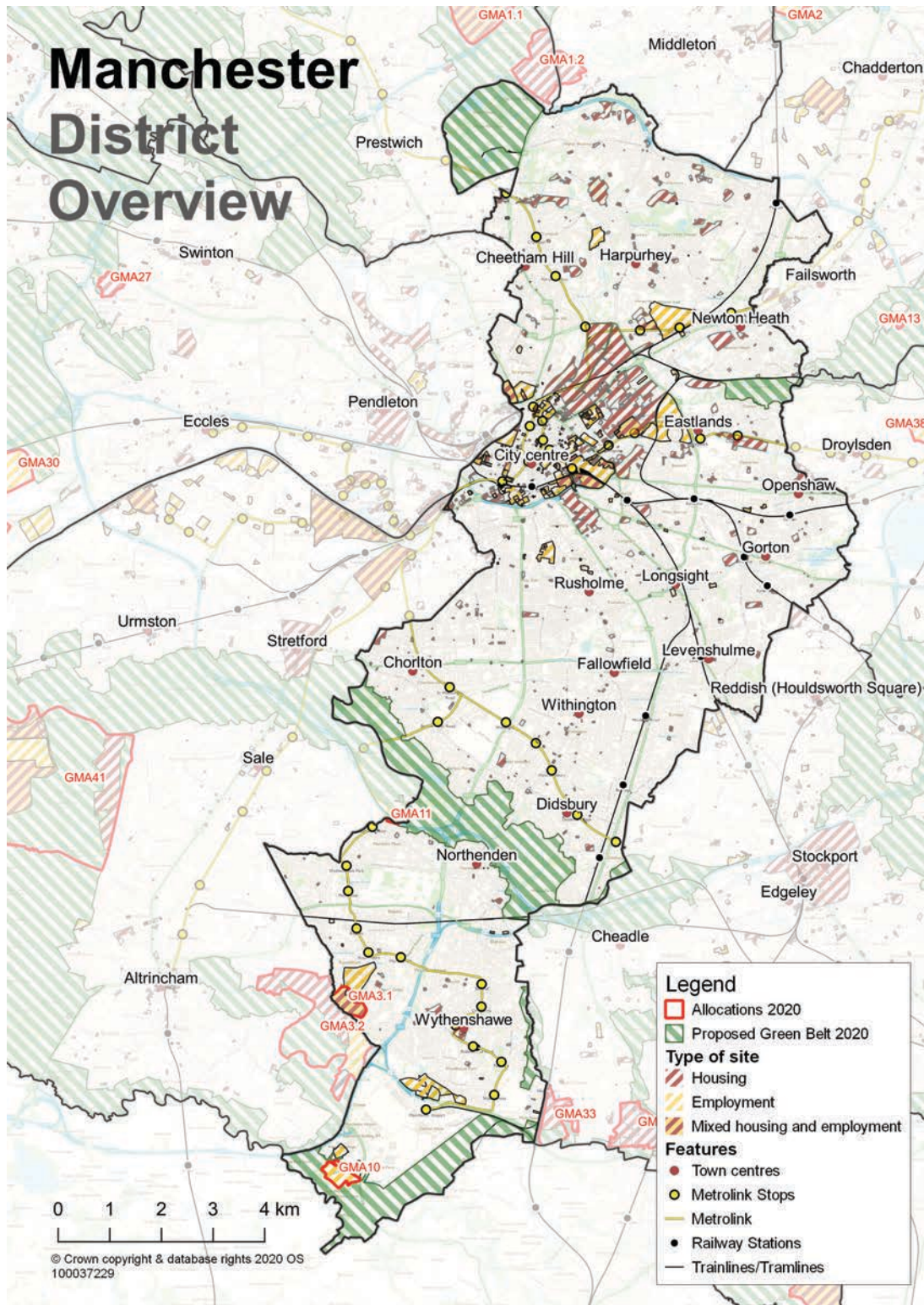
- i. The provision of a new strategic through road to enable an alternative to Church Street, Bank Street and High Street that is designed to be suitable for buses and incorporates active travel and is in line with local design standards;
 - ii. Off-site highway works where these are necessary to ensure acceptable traffic movement from the allocation, including appropriate linkages to the Elton Reservoir Link Road;
- 3. Make provision for major investment in public transport in order to encourage more sustainable transport choices (including potential upgrade of existing bus services or a new bus service linking Tottington - Walshaw - Elton - proposed new Metrolink stop at Warth - Bury/Radcliffe);
- 4. Deliver a network of safe cycling and walking routes through the allocation linking neighbourhoods with key destinations, incorporating Leigh Lane and Dow Lane and in accordance with national and GM standards of design and construction and local planning policy requirements;
- 5. Make provision for affordable housing in accordance with local planning policy requirements, equivalent to at least 25% of the dwellings proposed on the site and across a range of housing types and sizes (with an affordable housing tenure split of 60% social or affordable rented and 40% affordable home ownership);
- 6. Make provision for a new one-form entry primary school within the allocation to accommodate additional demand on school places;
- 7. Make a financial contribution towards off-site secondary school provision to meet the needs generated by the development;
- 8. Make provision for a new local centre in an accessible location which includes a range of appropriate retail, health and community facilities and ensure that it is integrated within existing communities;
- 9. Make provision for other necessary infrastructure such as utilities, broadband and electric vehicle charging points in accordance with relevant GMSF or local planning policies;
- 10. Ensure the design and layout allows for effective integration with surrounding communities, including active travel links and connections to the recreation areas at Dow Lane, Elton Vale, Whitehead Lodges as well as Walshaw Village and Bury Town Centre;
- 11. Make provision for new, high quality, publicly accessible, multifunctional green and blue infrastructure within the allocation to provide health benefits to residents to create a visually attractive environment and provide linkages to the sites wider drainage strategy in accordance with Policy GM-G 2 'Green Infrastructure Network' and Policy GM-G 8 'Standards for a Greener Greater Manchester'. This should include the integration and enhancement of the existing green infrastructure corridors and assets at Walshaw and Elton Brooks;
- 12. Minimise impacts on and provide net gains for biodiversity assets within the allocation in accordance with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity'; It is expected that the biodiversity gain provision will be focused on the Walshaw and Elton Brook corridors and integrated with other green infrastructure functions such as recreation and surface water management;

13. Ensure the allocation is safe from and mitigates for potential flood risk from all sources including surface water, sewer flooding and groundwater. The delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development;
14. Ensure that sustainable drainage systems are fully incorporated into the development to manage surface water and control the rate of surface water run-off, discharging in accordance with the hierarchy of drainage options. Where possible, natural SuDS techniques should be utilised, prioritising the use of ponds, swales and other infrastructure which mimic natural drainage and be designed as multi-functional green infrastructure connecting to the wider green and blue infrastructure network in accordance with Policy GM-S 5 'Flood Risk and the Water Environment' and nationally recognised SuDS design standards. Proposals to discharge to the public sewer will need to submit clear evidence demonstrating why alternative options are not available.;
15. Make appropriate provision for the long-term management and maintenance of areas of green infrastructure, biodiversity features, other areas of open space and sustainable drainage features; and
16. Protect and enhance the heritage and archaeological assets and their setting within the allocation and the wider historic character of the surrounding area including the Grade II* Listed building, Christ Church and its setting in accordance with the findings and recommendations of a Heritage Impact Assessment.

- 11.118** This is an extensive area of land occupying a sustainable and well-connected location set entirely within the existing urban area. The land is loosely bounded by the urban areas of Tottington to the north, Woolfold and Elton to the east Lowercroft to the south and Walshaw to the west.
- 11.119** The allocation has the potential to deliver around 1,250 houses, providing a diverse mix of house types and affordable housing provision for the local area.
- 11.120** This number of new homes will require significant improvements to the local highway network to accommodate increased traffic generation. This will require the provision of a new route through the allocation that provides an alternative to the use of the existing highway network through Walshaw and may require a contribution to the proposed strategic route through the Elton Reservoir allocation which will also allow traffic from the Walshaw area to travel south without needing to travel through Bury town centre. The development will need to facilitate improvements to public transport into and around the allocation in order to allow for more sustainable transport choices.
- 11.121** The scale of the development will create additional demands for education and the provision of a new one form entry primary school and contributions to off-site secondary school provision will be required in order to accommodate needs that cannot be met through existing facilities.

- 11.122** The development will generate the need to make provision for a new accessible local centre providing facilities such as shops, health facilities and community facilities.
- 11.123** Existing sport and recreational facilities at Dow Lane and Elton Vale Sports Club are situated to the south of the allocation and the development should incorporate a green corridor to provide access from the allocation to these existing recreational assets.
- 11.124** The development will need to have regard to any existing ecological and wildlife features including Walshaw and Elton Brooks which run through the northern and southern parts of the allocation interest by minimising impacts on and providing net gains for biodiversity. The brooks should provide the focal point for the creation of a good quality green infrastructure network providing publicly accessible open spaces and recreational opportunities for residents in the area. Such a network should seek to maximise the value of existing features and areas of nature conservation value and offer opportunities for active travel, particularly between homes, schools, shops, places of work and recreation. Connectivity from west to east is already well established although there is potential for improved pedestrian and cycle routes linking Tottington in the north to Elton and Starling in the south. There are existing reservoirs within the allocation and other opportunities for blue infrastructure may exist to enhance visual amenity, provide sustainable drainage and widen local biodiversity.
- 11.125** To reduce the risk of flooding, the development should minimise the risk associated with inadequate sewer capacity and minimise and control the rate of surface water run-off through an appropriate drainage strategy and, where possible, safeguard land within the allocation for flood storage. Measures such as rainwater recycling, green roofs, water butts and permeable driveway surfaces should be considered to mitigate the impact of potential flood risk both within and beyond the site boundaries. As a green and blue infrastructure network will provide more sustainable options discharge surface water, only foul flows should connect with the public sewer.
- 11.126** Christ Church in Walshaw is a Grade II* Listed Building sitting adjacent to the allocation. Any development will, therefore, be required to respect the setting of the church and capitalise on opportunities to draw on the contribution that the church makes to the character of the area. The completion of a Heritage Impact Assessment will be required.

Strategic Allocations in Manchester

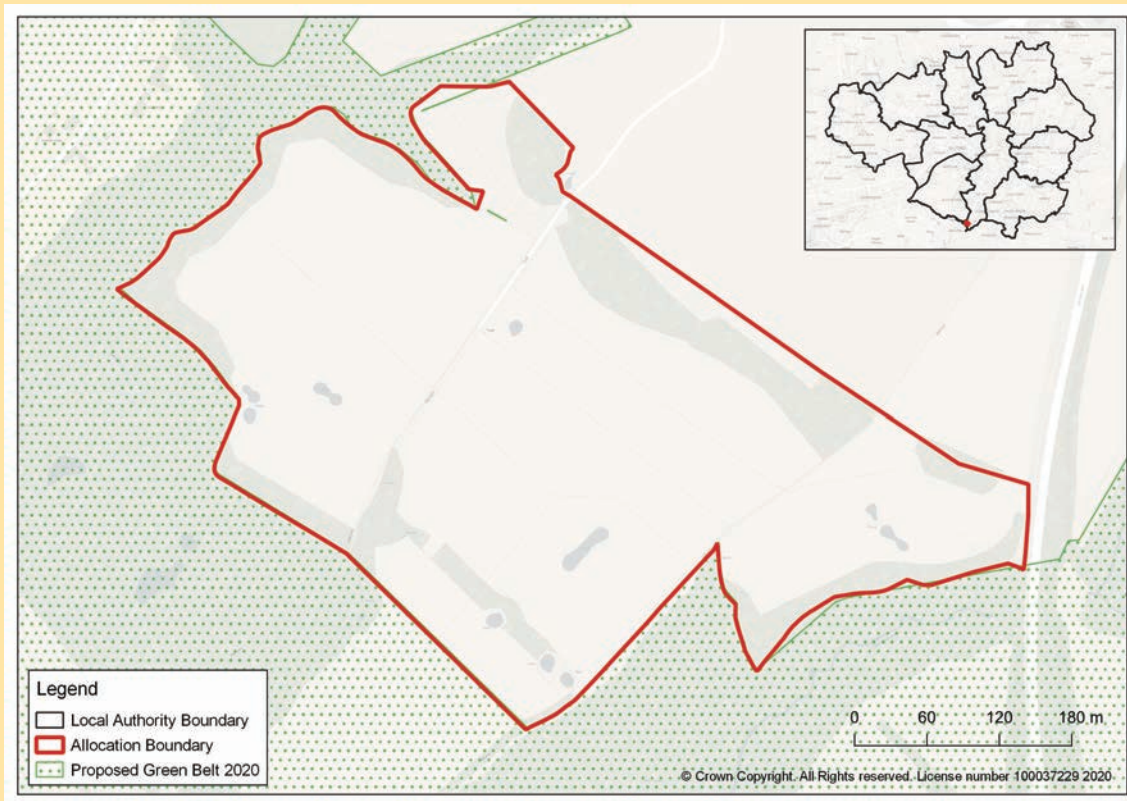


Picture 11.18 Manchester District Overview

Global Logistics

Policy GM Allocation 10

Global Logistics



Picture 11.19 GMA 10 Global Logistics

Development at this site will be required to:

1. Support growth of the airport to 2030 and compliment the development of the wider Global Logistics;
2. Deliver around 25,000 sqm B2/B8 employment. Suitable uses for the site will be cargo facilities but could also include airport operational facilities where it would have no greater adverse impact than would occur for cargo facilities;
3. Minimise any adverse impact on national and locally designated assets of conservation, ecological and landscape value. In particular, development should avoid the Cotterill Clough SSSI, nearby SBIs and ancient woodland, and any existing landscape mitigation affected by development must be appropriately re-provided. Where it is not possible to avoid harm, mitigation measures to compensate for any adverse impact will be necessary and should be agreed with the Council, informed by an up to date environmental assessment. Suitable buffers should be maintained between development and biodiversity assets with potential enhancement and provision for green infrastructure;

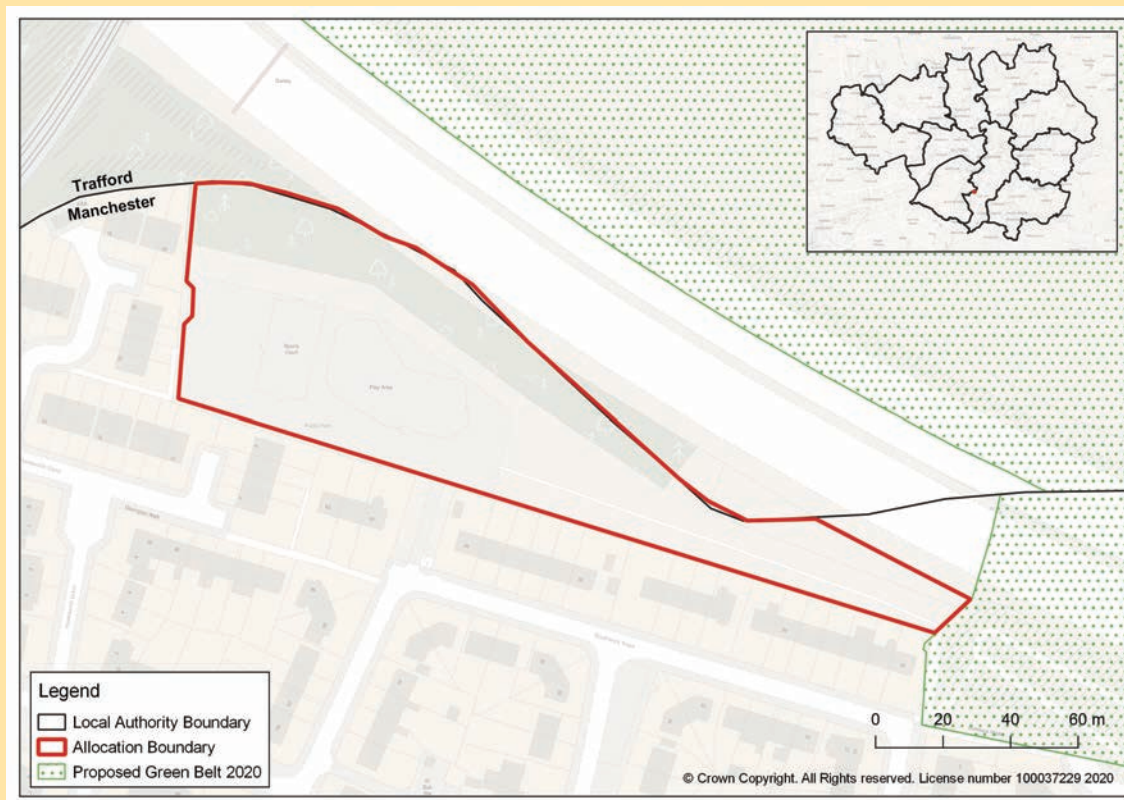
4. Improve access to training and job opportunities, particularly for people in Wythenshawe;
5. Include surface access and car parking arrangements which encourage the use of public transport, walking and cycling, and satisfactorily manage impacts on the highway network (including addressing requirements around Public Rights of Way);
6. Make necessary improvements to local highway infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport, direct and high quality pedestrian and cycle routes in the area; and
7. Include measures to promote sustainable travel including production of a Travel Plan. Travel Plans could include measures such as public transport vouchers and access to car clubs.

11.127 The opportunity that Manchester Airport and the associated Enterprise Zone provides for the growth of the Greater Manchester economy is significant. By attracting investment from globally mobile industries to an exemplar development at Global Logistics, significant economic growth for the north of England can be captured. This is a singular location close to a major international airport, and with improvements to local transport infrastructure, it can play its full part in maximising future economic growth. The area's location within open countryside, adjoining, and including part of a Site of Biological Interest (SBI), and adjoining a SSSI, demands a high quality and sensitive design, which will complement, conserve and enhance the natural environment. Proposals within the site will need to take account of the existing landscape buffer provided as part of the existing World Logistics Hub.

Southwick Park

Policy GM Allocation 11

Southwick Park

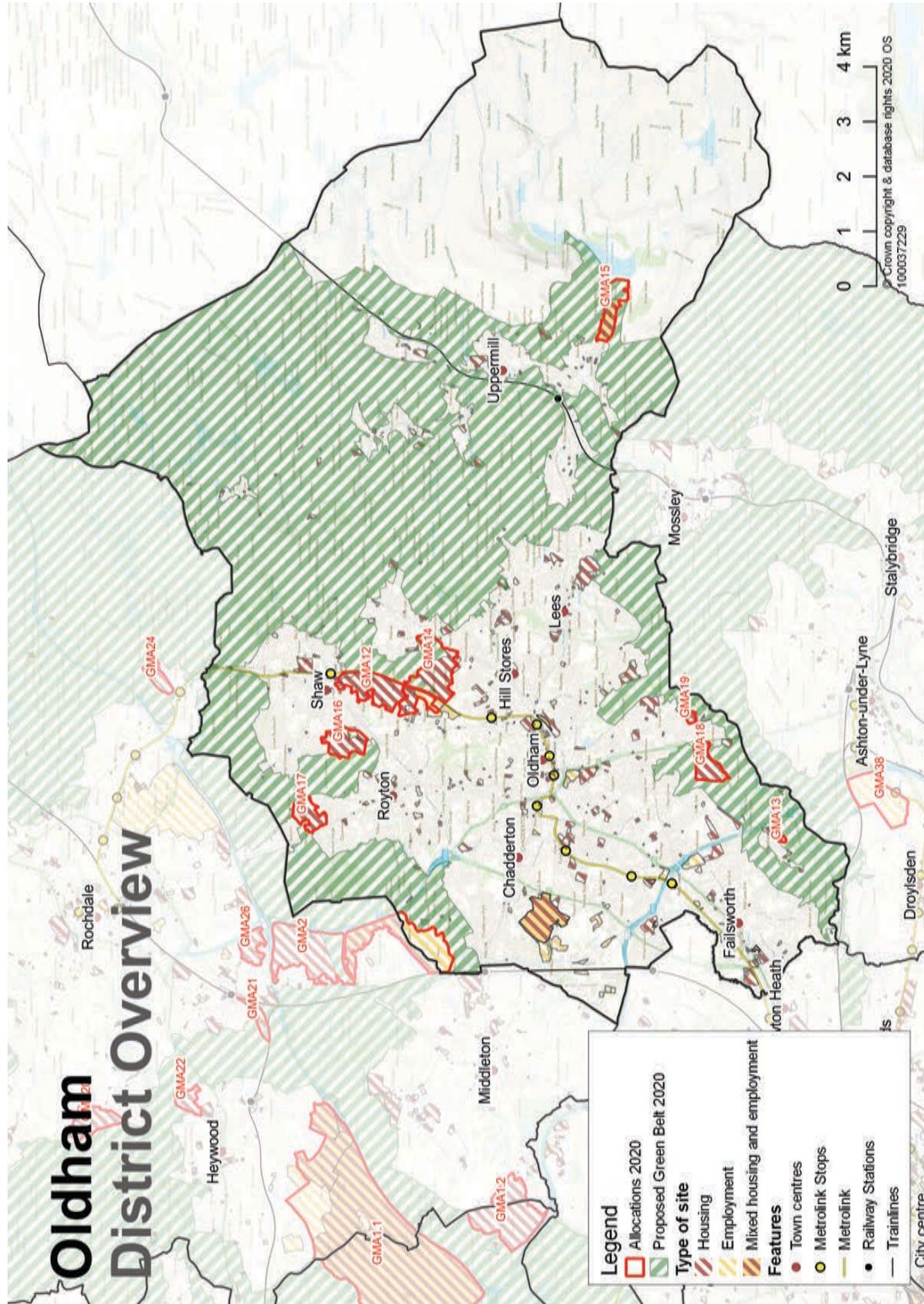


Picture 11.20 GMA 11 Southwick Park

Development at this site will be required to:

1. Deliver around 20 new homes;
2. Enhance the landscaped buffer to the north of the site, between the proposed housing and the motorway comprising planting of suitable mature native species to ensure appropriate air quality mitigation for the site;
3. Facilitate improvements to the local highway network including entry/egress from Southwick Road in the south, to enable safe vehicular and pedestrian access to and from the site;
4. Be designed to protect the residential amenity of the new and existing residents, including orientation away from the motorway to the north and provision of landscaping between the new and existing properties; and
5. Replace current play facilities with a smaller play facility to the south of the site and provide a financial contribution to the investment strategy for park facilities in the local area.

- 11.128** The site is well located in relation to the Metrolink network, which provides sustainable access to Manchester City Centre, Wythenshawe Town Centre and Manchester Airport. It is close to the M60 motorway, and development must therefore take account of the need for visual and acoustic screening and appropriate air quality mitigation measures along this boundary. Positioning the homes so that amenity space faces south will also minimise the environmental impact of the motorway.
- 11.129** Development of the site will provide family housing, which should be designed to complement surrounding properties and ensure that existing residents' amenity is protected.
- 11.130** Whilst the loss of the wider park environment is considered acceptable, the development of this site will be required to provide improved play facilities via a smaller facility on site and a contribution to the improvement of other park facilities close by.
- 11.131** The site is adjacent to the motorway and is included as an allocation to resolve an anomalous Green Belt boundary in this location. This has remained as Green Belt following the development of the M60 motorway, which presents a far more logical boundary than the southern edge of the site. Assessed against the purposes of Green Belt set out in national planning policy, this location does not perform strongly. It is therefore considered that the removal of this site through the review of the Greater Manchester Green Belt will create a stronger Green Belt boundary as well as enabling an opportunity for positive development.

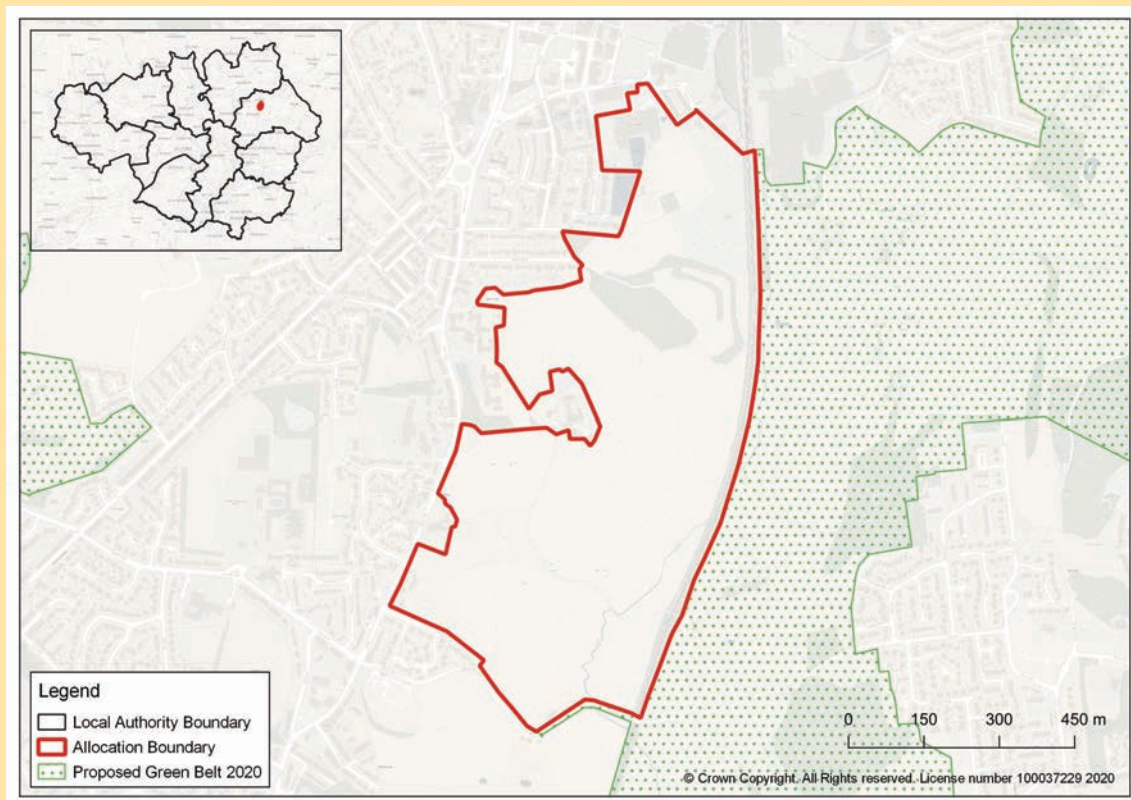


Picture 11.21 Oldham District Overview

Beal Valley

Policy GM Allocation 12

Beal Valley



Picture 11.22 GMA 12 Beal Valley

Development on this site will be required to:

1. Be in accordance with a comprehensive masterplan and design code as agreed by the local planning authority;
2. Deliver around 480 homes, providing a range of dwelling types and sizes to deliver inclusive neighbourhoods and meet local needs, including the delivery of high quality family housing;
3. Provide for affordable homes in line with local planning policy requirements;
4. Provide for appropriate access points to and from the site in liaison with the local highway authority, linking to a new internal spine road that will connect the site to the Broadbent Moss allocation to the south, and be delivered as part of the comprehensive development of both sites;
5. Safeguard a route from the proposed spine road through the northern part of the site, as part of any development, to offer the potential to link the site to Shaw Town Centre and further improve connectivity to the local area and beyond;

6. Take account of and deliver any other highway improvements, that may be needed to minimise the impact of associated traffic on the local highway network and improve accessibility to the surrounding area, including off-site highway improvements, high-quality walking and cycling infrastructure and public transport facilities;
7. Contribute to the delivery of the new Metrolink stop and new park and ride facility as part of the neighbouring Broadbent Moss allocation, which in part will help to serve and improve the accessibility and connectivity of both allocations;
8. Enhance pedestrian and cycling links to and from the site to the Shaw Metrolink stop, the new Metrolink stop proposed as part of the Broadbent Moss strategic allocation, the bus network and surrounding area, to encourage sustainable modes of travel and maximise the sites accessibility, developing on the existing recreation routes and public rights of way network. This should be delivered as part of a multi-functional green infrastructure network (incorporating the retention and enhancement of existing public rights of way) and high-quality landscaping within the site and around the main development areas to minimise the visual impact on the wider landscape, mitigate its environmental impacts, enhance linkages with the neighbouring communities and countryside and provide opportunities for leisure and recreation;
9. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Pennines Foothills South / West Pennines;
10. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt;
11. Ensure the protection from development of a large green wedge, between the main development area and the Metrolink line to the east and its enhancement as part of the multi-function green infrastructure network, and contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
12. Retain and enhance the hierarchy of biodiversity within the site, notably the existing Shawside SBI, including areas of priority habitats and the Twingates local nature reserve, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating them as part of multi-functional green infrastructure network which should ensure the requirements of wading bird populations are met;
13. Provide further surveys on phase 1 habitats, amphibians, badgers, water voles and bats to inform any planning application. Regard should be also had to the river course and broadleaved woodland;
14. Protect and enhance the habitats and corridor along the River Beal to improve the existing water quality and seek to achieve 'good' as proposed under the EU Water Framework Directive;
15. Provide for new and/or the improvement of existing open space, sport and recreation facilities commensurate with the demand generated in line with local planning policy requirements. This includes the expansion of, and improvement to existing, facilities at Heyside Cricket Club;
16. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion

of existing facilities or through the provision of new school facilities in liaison with the local education authority;

17. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;
18. Identify any designated and non-designated heritage assets and assess the potential impact on the asset and their setting, when bringing forward the proposals, through further Heritage Impact Assessments. Harm to the significance of Birshaw House and New Bank will need to be mitigated through a landscape buffer between the asset and all the development plots and the access road. An appropriate landscaping scheme should be implemented on the edge of the development plots;
19. Take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine if future evaluation and mitigation will be needed;
20. Be informed by an appropriate flood risk assessment feeding into a comprehensive drainage strategy for the whole site, which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development should deliver any appropriate recommendations, including mitigation measures and the incorporation of sustainable drainage systems, integrated as part of the multi-functional green infrastructure network and delivered in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUD's features should be explored;
21. Include provision for a wetland catchment area, in liaison with the Environment Agency, the Local Lead Flood Authority and Greater Manchester Ecology Unit, to the south east of the site within the Flood Zone 3 area, to provide net gains in flood storage for the wider catchment and / or actively reduce flood risk impacts downstream through additional storage, integrating it with the wider multi-functional green infrastructure network and incorporating sustainable drainage infrastructure;
22. Have regard to the Groundwater Source Protection Zone in the design of the development to ensure there are no adverse impacts to groundwater resources or groundwater quality and to ensure compliance with the Environment Agency's approach to groundwater protection and any relevant position statements; and
23. Incorporate necessary remediation measures in areas affected by contamination and previously worked for landfill purposes.

11.132 The site is currently designated as Other Protected Open Land (OPOL) and Green Belt in the Oldham Local Plan. There are also two brownfield sites in the northern part of the allocation; these are included within the red line to ensure they form part of the comprehensive development of the site, but they are not included in the residential capacity set out in the policy, as they are already identified as part of the potential housing land supply, as set out in Oldham's current Strategic Housing Land Availability Assessment (SHLAA).

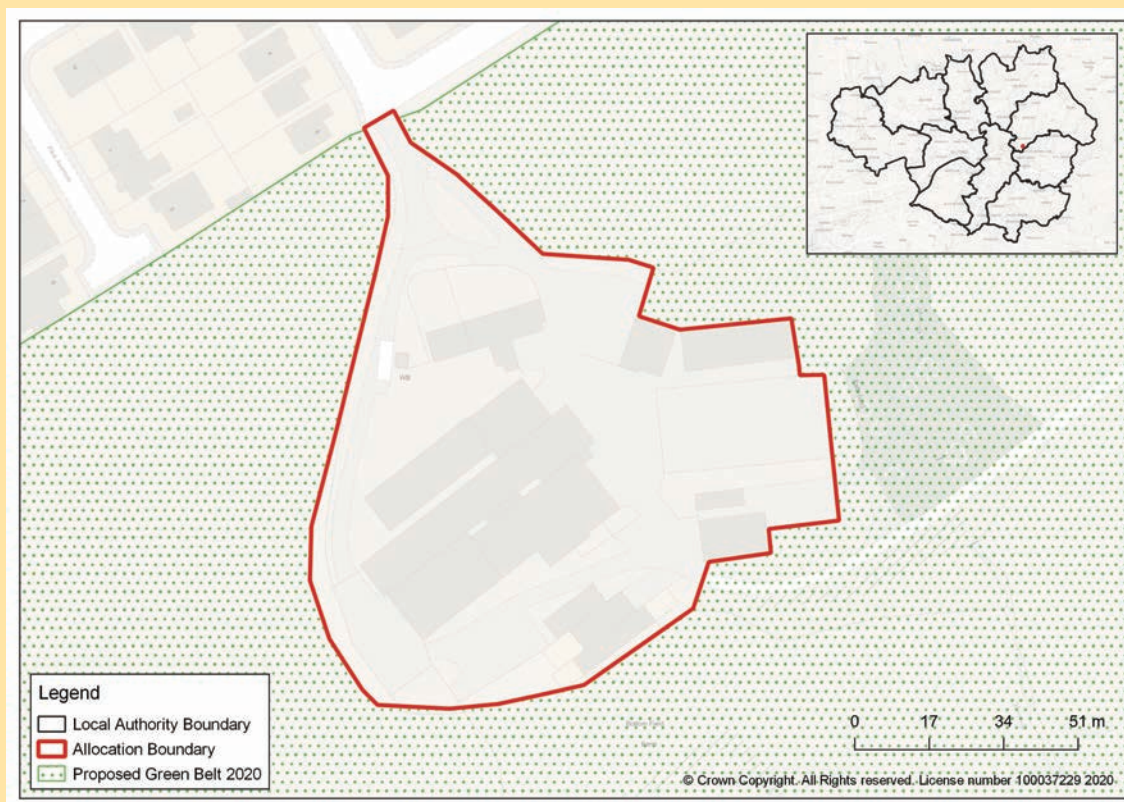
- 11.133** Whilst a significant proportion of Oldham’s housing land will come from the urban area through maximising the use of brownfield land, it is considered that the site will help to diversify the existing housing stock in the area and boroughwide. The site has the potential to meet local housing need in the immediate vicinity and across the borough and contribute to and enhance the housing mix within the area through adding to the type and range of housing available.
- 11.134** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with Local Planning Policy. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.135** The site is in sustainable and accessible location, on the edge of a large area of open land and in a strong housing market which offers the potential to provide a range of high quality housing in an attractive setting. It is located near to existing residential communities, including Shaw Town Centre, and has the potential for greater connectivity through the proposed new Metrolink stop, which would serve both this site and the Broadbent Moss site, providing increased access to Rochdale Town Centre, Oldham Town Centre, Manchester City Centre and beyond.
- 11.136** The main points of access will be from Meek Street or Moss Lane to the south (as part of the Broadbent Moss allocation), and Oldham Road to the north of Newbank House. These will link to the proposed spine road running through the site, providing the opportunity to improve connectivity of the site to Shaw Town Centre, Broadbent Moss to the south and to the wider area. Cop Road/Bullcote Lane (east of the spine road) will join where the two intersect and the remaining section of Bullcote Lane, (west of the spine road), will be downgraded accordingly, providing an emergency access, access to existing properties and businesses, and for pedestrian and cyclists. The route of the section in the northern part of the site is to be safeguarded and offers the opportunity to address traffic and congestion issues within Shaw Town Centre, whilst enhancing accessibility and connectivity.
- 11.137** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. As such, any development would need to provide:
- a. new and/or improvement of existing open space, sport and recreation facilities;
 - b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
 - c. provide for appropriate health and community facilities.
- 11.138** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.

- 11.139** The site is split into two halves – the developable area to the west, close to the existing urban area, and the green wedge to the east, reflecting the topographical constraints of the site. The policy protects this green wedge from development, and provides an opportunity to significantly enhance the green infrastructure and biodiversity value of the site, enhancing the existing assets (Shawside SBI and Twingates local nature reserve) and other non-designated ecology, as well as improving access to the open countryside for the local community.
- 11.140** The Beal Valley and Broadbent Moss allocations provide opportunities to secure net gains for nature. For these sites, net gains can be applied to Green Infrastructure, Deciduous Woodland, Lowland Fen and Protected Species. The development of the two allocations should include partnership work with appropriate bodies, to ensure that they contribute towards a wider ecological network approach.
- 11.141** The allocations provide an opportunity to demonstrate an exemplar development, using green infrastructure that can be designed in a way to support local biodiversity, and strengthen coherent ecological networks beyond the site boundary. There is an opportunity to use SUDs, following the existing site hydrology, to create a network of wetlands that incorporate and enhance the existing fen, pond and watercourses within the site.
- 11.142** Deciduous Woodland is located north of the site, to the east of Shaw Side. Deciduous Woodland is a Priority Habitat, listed under Section 41 the NERC Act 2006. Lowland Fen Priority Habitat is located outside the site boundary, buffering the western edge of the site.
- 11.143** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.144** A flood risk assessment will be required to inform any development. A comprehensive drainage strategy for the whole site should be prepared as part of the more detailed masterplanning stage, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Regard should be had to the GM SFRA SUDs guidance. Proposals should apply greenfield run off rates and be supported by a maintenance plan.
- 11.145** The area in the south eastern corner, which falls within Flood Zone 3, also offers an opportunity, working with the Environment Agency and Local Lead Flood Authority, to develop a wetland catchment area. As well as being an attractive feature of the site, this will allow the site to take a strategic approach to flood risk management, and provide additional opportunities for upstream flood storage.

Bottom Field Farm (Woodhouses)

Policy GM Allocation 13

Bottom Field Farm (Woodhouses)



Picture 11.23 GMA 13 Bottom Field Farm (Woodhouses)

Development of this site will be required to:

1. Deliver around 30 homes, providing a range of dwelling types and sizes to deliver inclusive neighbourhoods and meet local needs, including a mix of high-quality family housing;
2. Provide affordable homes in line with local planning policy requirements;
3. Provide for appropriate access points to and from the sites in liaison with the local highways authority and take account of and deliver any other improvements that may be needed to minimise the impact of associated traffic on the surrounding areas and roads, including off-site highways improvements, high-quality walking and cycling infrastructure and public transport facilities such as waiting facilities at bus stops near the site;
4. Deliver multi-functional green infrastructure and high-quality landscaping within the site and around the main development areas to minimise the visual impact on the wider landscape, mitigate its environmental impacts, and enhance linkages with the neighbouring communities and countryside and provide opportunities for leisure and recreation;

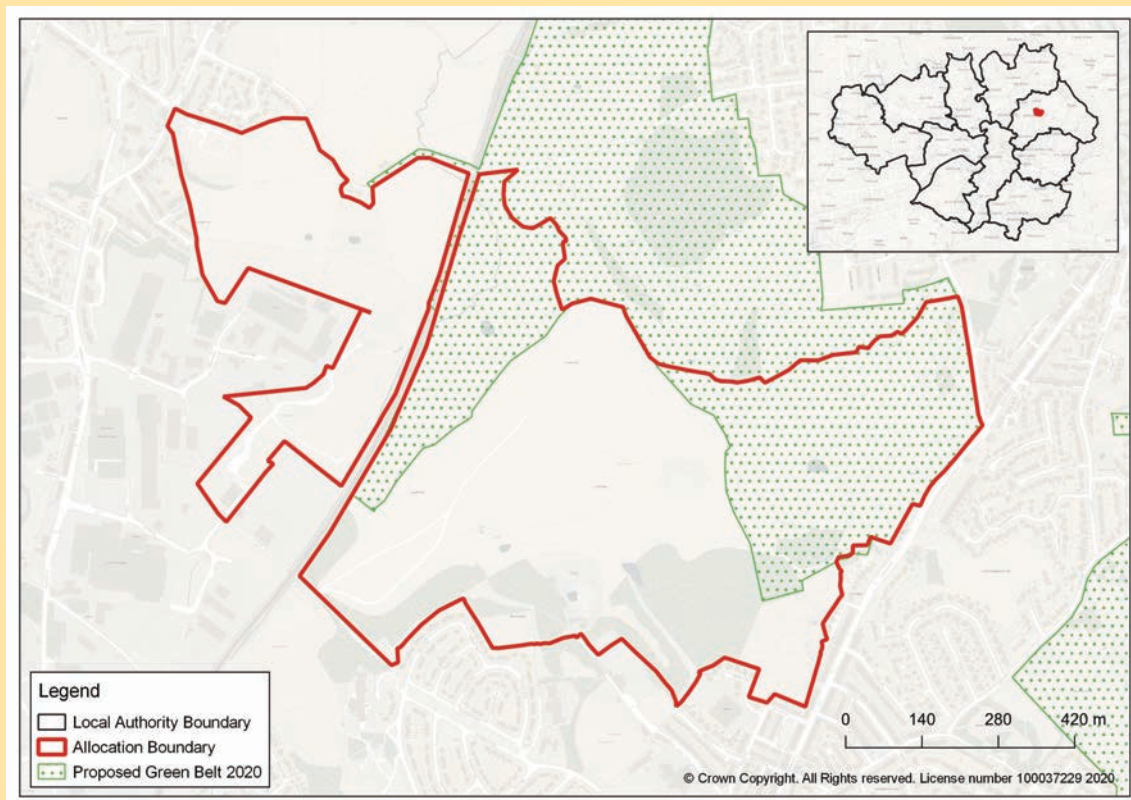
5. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Incised Urban Fringe Valleys;
6. Retain and enhance the hierarchy of biodiversity within the site, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating them as part of a multi-functional green infrastructure network with the wider environment;
7. Provide further surveys and assessments on bats, great crested newts and barn owls to inform planning applications;
8. Retain and enhance existing Public Rights of Way running through the site, integrating them as part of the multi-functional green infrastructure network to encourage active travel and improve connections and access to adjoining communities and countryside;
9. Provide for new and/or the improvement of existing open space, sport and recreation facilities, commensurate with the demand generated and local surpluses and deficiencies, in line with local planning policy requirements;
10. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt;
11. Contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
12. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion of existing facilities or through the provision of new school facilities in liaison with the local education authority;
13. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;
14. Conserve and enhance heritage assets and their setting in accordance with the findings and recommendations of the Historic Environment Assessment (2020). An up-to-date Heritage Impact Assessment will be required for any planning applications. Development should be in keeping with the local character of Woodhouses in terms of materials, design and landscaping;
15. Take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine if any future evaluation and mitigation will be needed; and
16. Be informed by an appropriate flood risk assessment and a comprehensive drainage strategy which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development should deliver any appropriate recommendations, including mitigation measures and the incorporation of sustainable drainage systems as part of the multi-functional green infrastructure network and be in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUDs features should be explored.

- 11.146** The site is currently designated as Green Belt in the Oldham Local Plan. However, the site is brownfield land in the Green Belt. Whilst a significant proportion of Oldham’s housing land will come from the urban area through maximising the use of brownfield land, it is considered that the site will help to diversify the existing housing stock in the area and boroughwide. The site has the potential to contribute to meeting local housing need in the immediate vicinity and across the borough and contribute to and enhance the housing mix within the area, adding to the type and range of housing available. The location of the site, in a strong housing market, provides the potential for a range of high-quality housing in an attractive and accessible location.
- 11.147** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with local planning policy requirements. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.148** Whilst the site may have ecological value that would need to be mitigated and integrated into the development as part of a complementary multi-functional green infrastructure.
- 11.149** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. Any development would need to provide:
- a. new and/or improvement of existing open space, sport and recreation facilities;
 - b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
 - c. provide for appropriate health and community facilities.
- 11.150** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.151** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.152** Woodhouses Conservation Area is in close proximity to the site and, whilst outside the boundary, any development would need to consider the impact on its setting through the completion of a further Heritage Impact Assessment.
- 11.153** A flood risk assessment will be required to inform any development and a comprehensive drainage strategy for the site as a whole should be prepared as part of the more detailed masterplanning stage, in line with the Greater Manchester Strategic Flood Risk Assessment (SFRA) SUDs guidance, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Proposals should apply greenfield run off rates and be supported by a maintenance plan.

Broadbent Moss

Policy GM Allocation 14

Broadbent Moss



Picture 11.24 GMA 14 Broadbent Moss

Development on this site will be required to:

1. Be in accordance with a comprehensive masterplan and Design Code agreed by the local planning authority;
2. Deliver around 1,450 homes providing a range of dwelling types and sizes to deliver inclusive neighbourhoods and meet local needs, including a mix of high quality family housing. It is estimated that around 500 of these homes will be delivered post 2037;
3. Provide for affordable homes in line with local planning policy requirements;
4. Deliver 21,720 sqm employment floorspace extending the existing employment opportunities at Higginsshaw Business Employment Area;
5. Provide for appropriate access points to and from the site in liaison with the local highway authority. The main points of access to the site will be via Vulcan Street and the new connections to Shaw and Oldham via the Beal Valley allocation, linking to a new internal spine road that will be delivered as part of the comprehensive development of the site. The

spine road will provide a link to the residential area to the east of the Metrolink line, through delivering an appropriate crossing;

6. Take account of and deliver any other highway improvements that may be needed to minimise the impact of associated traffic on the local highway network and improve accessibility to the surrounding area, including off-site highway improvements, high-quality walking and cycling infrastructure and public transport facilities;
7. Contribute towards the delivery of a new Metrolink stop and park and ride facility, along with the Beal Valley allocation, which in part will help to serve both allocations and improve their accessibility and connectivity;
8. Make provision for a local centre adjacent to the new Metrolink stop and new park and ride facility on the north western part of the site incorporating higher density apartments;
9. Enhance pedestrian and cycling links to and from the site to the new Metrolink stop, the Beal Valley strategic allocation, bus network and surrounding area, to encourage sustainable modes of travel and maximise the sites accessibility. This should be delivered as part of a multi-functional green infrastructure network (incorporating the retention and enhancement of existing public rights of way) and high-quality landscaping within the site and around the main development areas to minimise the visual impact on the wider landscape, mitigate its environmental impacts, enhance linkages with the neighbouring communities and countryside and provide opportunities for leisure and recreation;
10. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Pennines Foothills South / West Pennines. A Landscape Appraisal is required to inform any planning application;
11. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt. Development will be required to create a new defensible Green Belt boundary around the development parcels identified to the east of the Metrolink line;
12. Contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt, as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
13. Retain and enhance areas of biodiversity within the site, most notably the priority habitats, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating them as part of a multi-functional green-infrastructure network with the wider environment;
14. Provide further surveys on phase 1 habitats, badgers, amphibians (including great crested newts) and bat surveys to inform any planning application;
15. Protect and enhance the habitats and corridor along the River Beal to improve the existing water quality and seek to achieve 'good' as proposed under the EU Water Framework Directive;
16. Provide for new and/or the improvement of existing open space, sport and recreation facilities commensurate with the demand generated and local surpluses and deficiencies, in line with local planning policy requirements;
17. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion

of existing facilities or through the provision of new school facilities in liaison with the local education authority;

18. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;
19. Identify any designated and non-designated heritage assets and assess the potential impact on the asset and their setting, when bringing forward the proposals, through further Heritage Impact Assessments;
20. Take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine if any future evaluation and mitigation will be needed;
21. Be informed by an appropriate flood risk assessment and a comprehensive drainage strategy, which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development must avoid Flood Zone 3b, and deliver any appropriate recommendations, including those within the GMSF Level 2 Site Assessment Summary, ensuring development is safe and does not increase flood risk elsewhere. Natural sustainable drainage systems should be, integrated as part of the multi-functional green infrastructure network and delivered in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUD's features should be explored;
22. Include provision for a wetland catchment area, in liaison with the Environment Agency, Local Lead Flood Authority and Greater Manchester Ecology Unity, in the northern central part of the site to the south of Cop Road within the Flood Zone 3 area, to provide net gains in flood storage for the wider catchment and / or actively reduce flood risk impacts downstream through additional storage, integrating it with the wider multi-functional green infrastructure network and incorporating SUDs;
23. Have regard to the Groundwater Source Protection Zone in the design of the development, to ensure that there are no adverse impacts to groundwater resources or groundwater quality, and to ensure compliance with the Environment Agency approach to groundwater protection and any relevant position statements. A detailed hydrological assessment should support any planning application within this zone;
24. Incorporate necessary remediation measures in areas affected by contamination and previously worked for landfill purposes; and
25. Incorporate noise and air quality mitigation to protect the amenity of any new and existing occupiers (both residential and employment), where new residential development adjoins Higginshaw Business Employment Area and the proposed extension.

11.154 The site is currently designated as Land Reserved for Future Development (LRFD), Other Protected Open Land (OPOL) and Green Belt in the Oldham Local Plan. Land at Hebron Street (with planning permission for 77 homes) is included in the red line boundary to ensure it forms part of the comprehensive development. It is not included in the residential capacity set out in the policy as it has already been identified as part of the potential housing land supply, as set out in Oldham's current Strategic Housing Land Availability Assessment

(SHLAA). It is therefore anticipated that around 874 homes will be delivered during the plan period. The scale of development proposed means that a proportion of the site capacity may fall outside the plan period of the GMSF.

- 11.155** Whilst a significant proportion of Oldham's housing land will come from the urban area through maximising the use of brownfield land, it is considered that the site will help to diversify the existing housing stock in the area and boroughwide. The site has the potential to meet local housing need in the immediate vicinity and across the borough and contribute to and enhance the housing mix within the area through adding to the type and range of housing available.
- 11.156** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with Local Planning Policy. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.157** Development of the site will also provide the opportunity to enhance and extend the existing employment offer at Higginshaw BEA and across the borough, which would otherwise have limited opportunity to emerge elsewhere due to the built-up nature of the borough.
- 11.158** The site is in a sustainable and accessible location, on the edge of a large area of open land. It is located near to existing neighbouring residential communities and has the potential for greater connectivity through the proposed new Metrolink stop, which would serve both this and the Beal Valley site, providing increased access to Rochdale Town Centre, Oldham Town Centre, Manchester City Centre and beyond.
- 11.159** The proposed spine road through the site provides the opportunity to improve connectivity to Shaw Town Centre, Beal Valley to the north and the wider area. Improvements to the highway network, including Bullcote Lane, Cop Road and the new access points proposed, will help to improve connectivity to the wider area, in particular Sholver.
- 11.160** The main points of access to the site will be from Meek Street or Moss Lane to the west and Vulcan Street to the east. These will link to the proposed spine road running through the site, providing the opportunity to improve connectivity of the site to the Beal Valley allocation to the north, and to the wider area. Cop Road/Bullcote Lane (east of the spine road) will join where the two intersect, and the remaining section of Bullcote Lane, (west of the spine road), will be downgraded accordingly, providing an emergency access, access to existing properties and businesses and for pedestrian and cyclists. South of Cop Road, the new link will continue through the Broadbent Moss allocation, to form an east-west connection with Vulcan St over the existing Metrolink line. At least one crossing point over the Metrolink line will be required to connect the eastern and western parts of the site.
- 11.161** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. As such, any development would need to provide:

- a. new and/or improvement of existing open space, sport and recreation facilities;
- b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
- c. provide for appropriate health and community facilities.

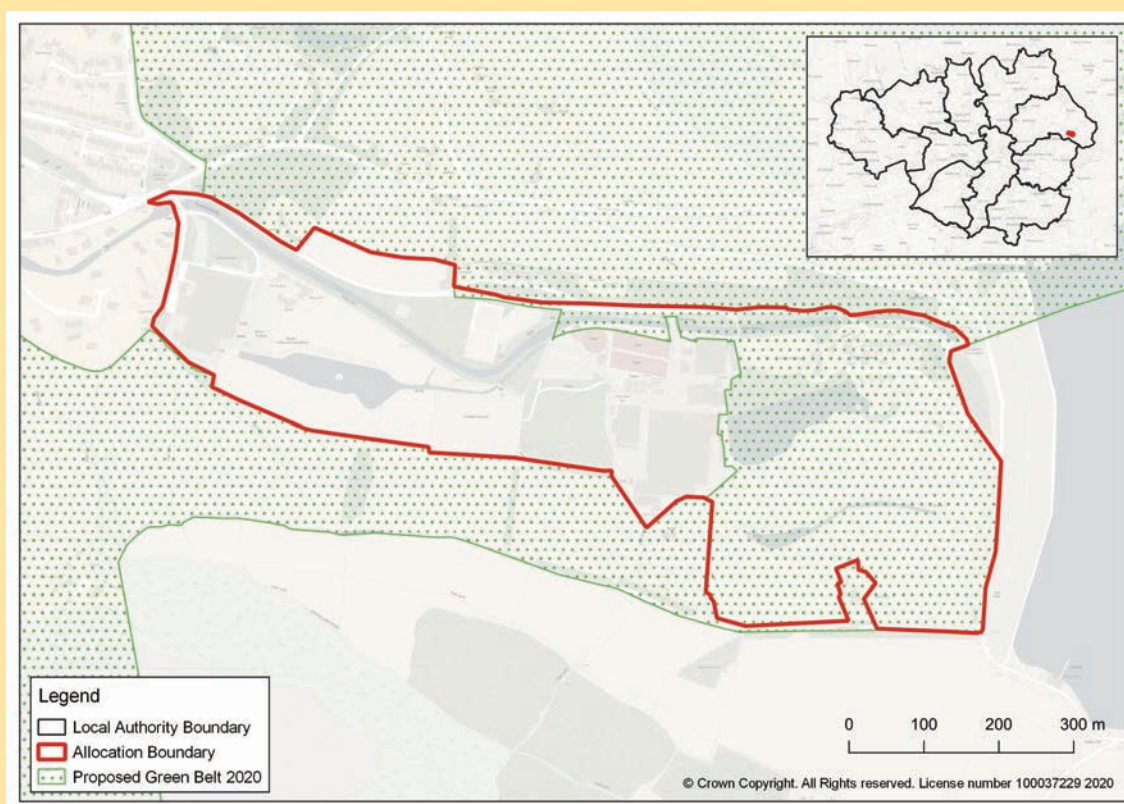
- 11.162** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.163** A large proportion of the site is proposed to remain undeveloped and will be retained as Green Belt, providing an opportunity to significantly enhance the green infrastructure and biodiversity value of the site, enhancing the existing assets (such as the priority habitats) and improving access to the open countryside for the local community.
- 11.164** The Beal Valley and Broadbent Moss strategic allocations provides opportunities to secure net gains for nature and local communities. For these site allocations net gains can be applied to Green Infrastructure, Deciduous Woodland, Lowland Fen and Protected Species. The development of the two site allocations should include elements of partnership work with appropriate bodies, to ensure they contribute towards a wider ecological network approach.
- 11.165** The site allocations provide an opportunity to demonstrate an exemplar development using green infrastructure, that can be designed in such a way that it can support local biodiversity and strengthen coherent ecological networks beyond the site boundary, creating a resilient landscape through a network of connected sites. There is an opportunity to use Sustainable Urban Drainage (SUDs) systems following the existing site hydrology, to create a network of wetlands that enhance and incorporate the existing fen, pond and watercourses within the site that is subject to hydrological investigations.
- 11.166** Deciduous Woodland is located north of the site east of Shaw Side. Deciduous Woodland is a Priority Habitats listed under Section 41 the Natural Environmental and Rural Communities (NERC) Act 2006.
- 11.167** Lowland Fen Priority Habitat is located outside of the site boundary, buffering the western edge of the site.
- 11.168** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.169** A flood risk assessment will be required to inform any development. A comprehensive drainage strategy for the whole site should be prepared as part of the more detailed masterplanning stage, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Proposals should apply greenfield run off rates and be supported by a maintenance plan. Regard should be had to the GM SFRA SUDs guidance. The area in the northern central part of the site, and which falls within Flood Zone 3, also offers an opportunity, working with the Environment Agency and Local Lead Flood Authority, to develop a wetland catchment area which, as well as being an attractive feature of the site, will allow a strategic approach to flood risk management and provide additional opportunities for upstream flood storage.

11.170 Part of the allocation is in within a Source Protection Zone. Any planning applications within this zone are expected to be supported by a detailed hydrological assessment. This will need to consider the vulnerability of the land and to propose suitable mitigation measures which will be employed to reduce the risk of pollution of groundwater.

Chew Brook Vale (Robert Fletchers)

Policy GM Allocation 15

Chew Brook Vale (Robert Fletchers)



Picture 11.25 GMA 15 Chew Brook Vale (Robert Fletchers)

Development at this site will be required to:

1. Be in accordance with a comprehensive masterplan and Design Code agreed by the local authority, including phasing arrangements;
2. Deliver a mixed-use area on the site of the former Robert Fletchers Mill that will provide a range of commercial, leisure and retail facilities to support tourism and leisure facilities, of up to 6,000 sqm, connected to its gateway location to the Peak District National Park and capitalising on its proximity to Dove Stone Reservoir;
3. Deliver around 170 homes with a mix of low-density family and executive homes and affordable homes of 2 and 3 bedrooms, in line with local planning policy requirements;

4. Retain a strategic area of Green Belt in the eastern half of the site to maintain separation between the development area and Doves Stone Reservoir and the Peak District National Park;
5. Provide a new access point to the site at off the A669 / A635, including a new bridge structure;
6. Take account of and deliver other highway improvements that may be needed to minimise the impact of associated traffic on the local highway network and improve access to the surrounding area, including off-site highway improvements, high-quality walking and cycling and public transport facilities, including opportunities for bus service provision into the site;
7. Be informed by, and deliver the recommendations of, an appropriate visitor management plan to ensure that there is no adverse impact on Dove Stone Reservoir, the Peak District National Park and designated conservation areas. Development must have regard to the duty to care for the Peak District National Park under Section 62(2) of the Environment Act;
8. Incorporate multi-functional green and blue infrastructure and high levels of landscaping to minimise the visual impact on the wider landscape, mitigate its environmental impacts, and enhance linkages with the neighbouring communities and countryside. This should include footpath networks and recreation routes that incorporate existing trees, hedgerows, habitat areas and mill / fishing ponds, providing a range of formal and informal recreational open space and access to existing public footpath networks and woodland areas;
9. Be designed to minimise the landscape impact having regard to the findings and recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Open Moorlands and Enclosed Upland Fringes (Dark Peak);
10. Retain and enhance the hierarchy of biodiversity within the site, notably the areas of priority habitats, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating them as part of multi-functional green infrastructure network with the wider environment;
11. Provide a Habitat Regulations Assessment and further surveys on extended phase 1 habitats, bats, amphibians (including great crested newts), water voles and birds to inform any planning application;
12. Ensure that development does not have an adverse impact on the integrity of the nearby Special Protection Area (SPA) and Special Area of Conservation (SAC). The recommendations from the Habitat Regulations Assessment must be considered;
13. Be designed to relate positively to Chew Brook and other watercourses running through the site, integrating them as part of a multi-functional green infrastructure network, creating a green route along the river / brook, ensuring that development is set back to allow ecological movement;
14. Protect and enhance the habitats and corridor along Chew Brook to improve the existing water quality and seek to achieve the required objective for the waterbody as proposed under the North West River Basin Management Plan, including the protection and enhancement of semi-natural habitats and promotion of their public enjoyment;
15. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt;

16. Contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
17. Provide for new and/or the improvement of existing open space, sport and recreation facilities commensurate with the demand generated in line with local planning policy requirements, and local surpluses and deficiencies including the enhancement of the existing playing fields;
18. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion of existing facilities or through the provision of new school facilities in liaison with the local education authority;
19. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision in liaison with the local authority and Public Health;
20. Identify any designated and non-designated heritage assets and assess the potential impact on the assets and their setting, when bringing forward the proposals, through further Heritage Impact Assessments. Development proposals should seek opportunities to secure the sustainable use of Greenfield House, enhancing this asset including its setting. The use of local materials and high level landscaping will be required;
21. Must take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine whether any future evaluation and mitigation will be needed;
22. Ensure high quality design that is environmentally driven, including the use and water harvesting and recycling, maximum energy efficiency through good building design and fuel-efficient technology, a significant reduction of car usage and household recycling facilities; and
23. Be informed by an appropriate flood risk assessment, which takes account of any recommendations from the Level 2 Strategic Flood Risk Assessment Site Summary Report, and a comprehensive drainage strategy which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development must avoid Flood Zone 3b and deliver any appropriate recommendations, including mitigation measures, ensuring development is safe over its lifetime and does not increase flood risk elsewhere. Natural sustainable drainage systems should be integrated to control the rate of surface water run-off. Proposals should be integrated as part of the multi-functional green infrastructure network and opportunities to use natural flood management and highway SUDs features should be explored.

11.171 The site includes the redundant Robert Fletchers mill complex, which is brownfield land. Land to the west up to Waterside Mill is greenfield land and has been included as part of the Chew Brook Vale site. Given the previous use of the Robert Fletchers site as a paper mill, and its subsequent dereliction, it is considered that the need for remediation will be high contributing to higher viability costs in preparing the site for development.

- 11.172** It is a gateway location into the Peak District National Park and presents a strategic and unique opportunity for Oldham and Greater Manchester to achieve complementary tourism and leisure development to enhance the sub-region's visitor and destination offer. The development of the site for leisure and tourism uses will also capture leisure spend in the local economy due to its proximity to the RSPB reserve, Dove Stone Reservoir and the Saddleworth villages, and create employment opportunities. The tourism and leisure offer should capitalise on, and complement, its location in a way that is sensitive to its unique setting.
- 11.173** Reflecting the site's proximity to Dove Stone Reservoir, there are aspirations for the following uses in the eastern section of the site - a modest expansion to the existing holiday lodge facility through the inclusion of 10 to 15 pods, a boutique hotel and a visitor education centre linking to the reservoir, in partnership with the RSPB and United Utilities. Opportunities for the sustainable re-use and enhancement of Greenfield House, including its setting, should be explored. This eastern section of the site would remain in the Green Belt and any development within this area would be determined in line with relevant national planning policy.
- 11.174** The site provides the potential to provide a range of high-quality family and executive homes in an attractive and desirable rural location. It also provides an opportunity to enhance Oldham's housing offer and contribute to meeting Oldham's housing need. Due to the scenic location of the site, it should be an attractive location for larger and bespoke housing, providing a distinctive offer to the borough's housing market. There is however also a need for affordable homes across the Saddleworth villages as many residents who wish to remain living within the area cannot currently afford to do so. Affordable homes must therefore be provided as part of the wider development of the area, in line with local planning policy requirements.
- 11.175** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with local planning policy requirements. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.176** The policy seeks multi-functional green and blue infrastructure and high levels of landscaping as part of the comprehensive development of the site. This includes the retention and enhancement of existing public rights of way and recreation routes to improve linkages to and from the site to Dove Stone Reservoir, Peak District National Park and the wider countryside.
- 11.177** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.178** Protecting and enhancing biodiversity must follow the biodiversity hierarchy of international, national and local designated sites and the mitigation hierarchy of doing everything possible to avoid and then minimise the impact on biodiversity, and only then after taking all measures

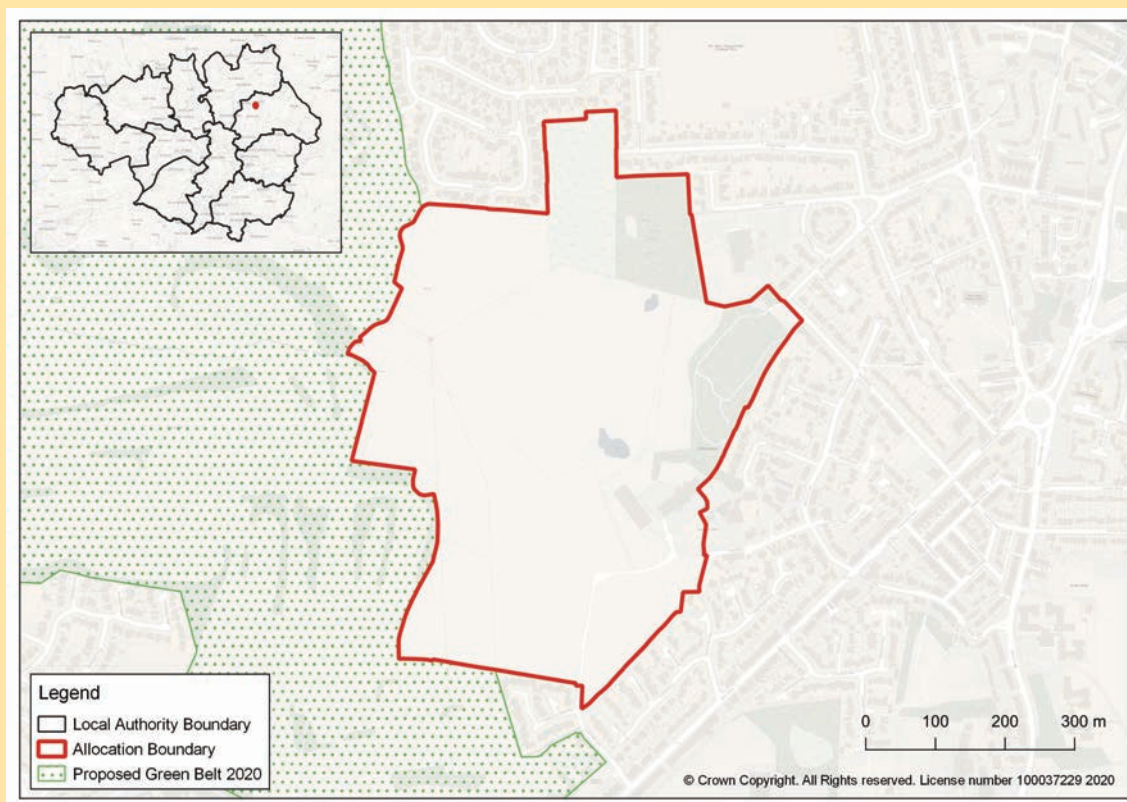
compensate for losses that cannot be avoided. Measurable biodiversity net gain is then applied on top of this approach. If biodiversity net gain cannot be achieved on-site then offsite contributions will be required.

- 11.179** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. As such any development would need to provide:
- a. new and/or improvement of existing open space, sport and recreation facilities;
 - b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
 - c. provide for appropriate health and community facilities.
- 11.180** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.181** Heritage assets play an important role in the area's local historical and cultural identity and distinctiveness. There is one Grade II listed building within the site – Greenfield House at Greenfield Mill. It is hoped that the development of the site presents an opportunity to provide for a sustainable use of Greenfield House that will enhance this asset and its setting and views from Hey Top. Hey Top Conservation Area and New Barn lies just outside of the strategic allocation boundary. There are also undesignated assets throughout the site and a number of other heritage assets within close proximity. Any development would need to consider the impact on their setting, through the completion of a further Heritage Impact Assessment. Any development proposals should have regard to the findings and recommendations of the Oldham Mill Strategy. Reflecting the sites unique location, the Design Code should ensure new development is in keeping with the surrounding character of the area through the use of local materials and design.
- 11.182** The Greater Manchester Level 2 Strategic Flood Risk Assessment considers the flood risk to the site and provides recommendations that will need to be considered to meet the requirements of the Exception Test. As such, any development would need to follow the sequential approach on site and a flood risk assessment would be required to inform any development, including the recommendations from the Level 2 report. A comprehensive drainage strategy for the whole site would be required as part of the more detailed masterplanning stage to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Regard should be had to the SUDS guidance set out in the Greater Manchester Level 1 Strategic Flood Risk Assessment and other National Standards (such as CIRIA, Water UK Design and Construction Guidance). Proposals should apply greenfield run off rates and be supported by a maintenance plan.

Cowlshaw

Policy GM Allocation 16

Cowlshaw



Picture 11.26 GMA 16 Cowlshaw

Development at this site will be required to:

1. Be in accordance with a comprehensive masterplan and Design Code agreed by the local planning authority;
2. Deliver around 460 homes, providing a range of dwelling types and sizes so as to deliver more inclusive neighbourhoods and meet local needs, including the delivery of a mix of high-quality family housing;
3. Provide for affordable homes in line with local requirements set out in local planning policy requirements;
4. Provide for appropriate access points to and from the site in liaison with the local highway authority. The main points of access to the site will be Cocker Mill Lane to the southern part of the site, with an emergency/controlled secondary access to Cowlshaw, Kings Road to the central part of the site that lies to the north of Cowlshaw Farm and Denbigh Drive, with access limited to the small parcel at the north only;

5. Take account of and deliver any other highway improvements that may be needed to minimise the impact of associated traffic on the local highway network and improve accessibility to the surrounding area, including off-site highways improvements, high-quality walking and cycling infrastructure and public transport facilities;
6. Deliver multi-functional green infrastructure (incorporating the retention and enhancement of existing public rights of way) and high quality landscaping within the site and around the main development areas. This is to minimise the visual impact on the wider landscape, mitigate its environmental impacts, and enhance linkages with the neighbouring communities and countryside and provide opportunities for leisure and recreation.
7. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Pennines Foothills South / West Pennines;
8. Retain and enhance the hierarchy of biodiversity within the site, notably the existing Cowlshaw Ponds SBI and the area of priority habitat to the south of Crompton Primary School, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating them as part of the multi-functional green infrastructure network with the wider environment;
9. Carry out a Habitats Regulation Assessment and provide further surveys on amphibians (including great crested newts), extended phase 1 habitat, breeding birds, badgers and bats to inform any planning application;
10. Provide for new and/or the improvement of existing open space, sport and recreation facilities, commensurate with the demand generated and local surpluses and deficiencies, in line with local planning policy requirements. This includes the retention or relocation, if required, and improvement of the existing play area off Kings Road, within the site;
11. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion of existing facilities or through the provision of new school facilities in liaison with the local education authority;
12. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;
13. Identify any designated and non-designated heritage assets and assess the potential impact on the asset and their setting, when bringing forward the proposals through further Heritage Impact Assessments;
14. Take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine if any future evaluation and mitigation will be needed; and
15. Be informed by an appropriate flood risk assessment and a comprehensive drainage strategy which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development should deliver any appropriate recommendations, including mitigation measures and the incorporation of sustainable drainage systems integrated as part of the multi-functional green infrastructure network, and be in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUDs features should be explored.

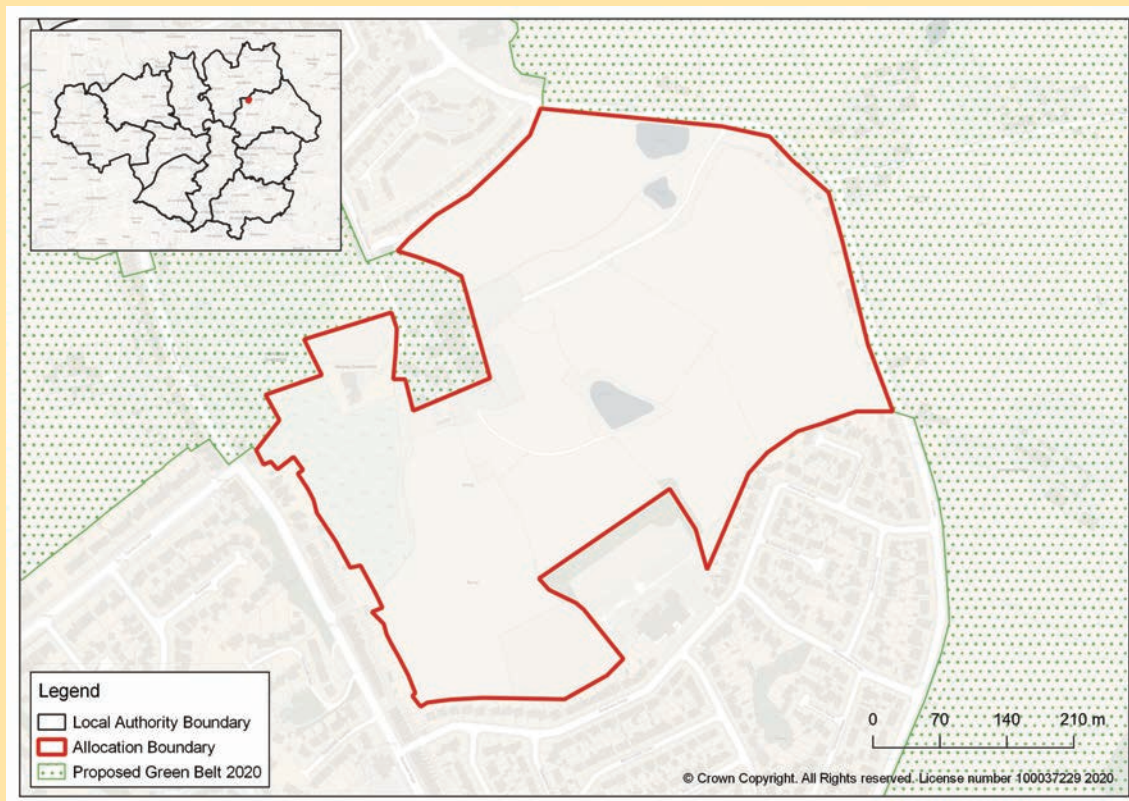
- 11.183** The site is currently designated as OPOL in the Oldham Local Plan. Whilst a significant proportion of Oldham’s housing land will come from the urban area through maximising the use of brownfield land, it is considered that the site will help to diversify the existing housing stock in the area and boroughwide. The site has the potential to meet local housing need in the immediate vicinity and across the borough and contribute to and enhance the housing mix within the area through adding to the type and range of housing available.
- 11.184** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with Local Planning Policy. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.185** The site is in a sustainable and accessible location, on the edge of a large area of open land and in a successful and attractive neighbourhood, and connected to neighbouring communities in Low Crompton, Cowlshaw, Royton and nearby town centres, including Shaw, where there is a Metrolink stop. Any development would be required to enhance links to and from the site to the bus network, to encourage sustainable modes of travel and maximise the site’s accessibility, developing the existing recreation routes and Public Right of Way network.
- 11.186** The development will need to provide for suitable access to the site, in liaison with the local highway authority. As stated in the policy the main access points to the site will be Cocker Mill Lane (supported by an emergency/controlled secondary access to Cowlshaw), Kings Road and Denbigh Drive. The access at Denbigh Drive is constrained and will be limited to provide access to the small parcel in the northern section of the site only.
- 11.187** Cowlshaw Ponds SBI is made up of three ponds areas and there is a priority habitat to the south of Crompton Primary School. Any development will need to retain and enhance these, incorporating them as a key feature within the green infrastructure network and landscaping proposals for the site.
- 11.188** Biodiversity net gain could be applied to Green Infrastructure, deciduous woodland, lowland fen and protected species.
- 11.189** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.190** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and takes account of the increased demand it may place on existing provision. As such, any development would need to provide:
- a. new and/or improvement of existing open space, sport and recreation facilities;
 - b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
 - c. provide for appropriate health and community facilities.

- 11.191** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.192** There are heritage assets in the surrounding area. Any development would need to consider the impact on their setting, through the completion of a further Heritage Impact Assessment.
- 11.193** A flood risk assessment will be required to inform development. A comprehensive drainage strategy for the whole site should be prepared as part of the more detailed masterplanning stage, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Regard should be had to the GM SFRA SUDs guidance. Proposals should apply greenfield run off rates, be supported by a maintenance plan and the use of highway SUD's features.

Hanging Chadder

Policy GM Allocation 17

Hanging Chadder



Picture 11.27 GMA 17 Hanging Chadder

Development at this site will be required to:

1. Be in accordance with a comprehensive masterplan and Design Code agreed by the local planning authority;
2. Deliver around 260 homes, providing a range of dwelling types and sizes so as to deliver inclusive neighbourhoods and meet local needs, including a mix of high-quality family housing;
3. Provide affordable homes in line with local planning policy requirements;
4. Provide for appropriate access points to and from the site in liaison with the local highway authority. The main point of access to the site will be off Castleton Road, near to the junction with Garden Terrace, which will link to the spine road running through the site. An emergency/controlled secondary access will be required onto Castleton Road and farm access retained. The location of any additional access into the site will be subject to the approval of the local highway authority;
5. Take account of and deliver any other highway improvements that may be needed to minimise the impact of associated traffic on the local highway network and improve accessibility to the surrounding area, including off-site highways improvements, high-quality walking and cycling infrastructure and public transport facilities, such as waiting facilities at bus stops near the site;
6. Deliver multi-functional green infrastructure (incorporating the retention and enhancement of existing public rights of way) and high-quality landscaping within the site and around the main development areas, to minimise the visual impact on the wider landscape, mitigate its environmental impacts, enhance linkages with the neighbouring communities and countryside and provide opportunities for leisure and recreation;
7. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Pennines Foothills South / West Pennines;
8. Retain and enhance areas of biodiversity within the site following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating existing water features across the site as part of the multi-functional green infrastructure network;
9. Provide further surveys on phase 1 habitat, amphibians, bats and badgers to inform any planning application;
10. Provide for new and/or the improvement of existing open space, sport and recreation facilities commensurate with the demand generated and local surpluses and deficiencies, in line with local planning policy requirements;
11. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt;
12. Contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
13. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion of existing facilities or through the provision of new school facilities in liaison with the local education authority;
14. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;

15. Identify any designated and non-designated heritage assets and assess the potential impact on the asset and their setting, when bringing forward the proposals through further Heritage Impact Assessments;
16. Take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine if any future evaluation and mitigation will be needed;
17. Be informed by an appropriate flood risk assessment feeding in a comprehensive drainage strategy for the whole site. Development should deliver any appropriate recommendations, including mitigation measures and the incorporation of sustainable drainage systems integrated as part of the multi-functional green infrastructure network and be in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUDs features should be explored; and
18. Incorporate necessary remediation measures in areas affected by contamination and previously worked for landfill purposes.

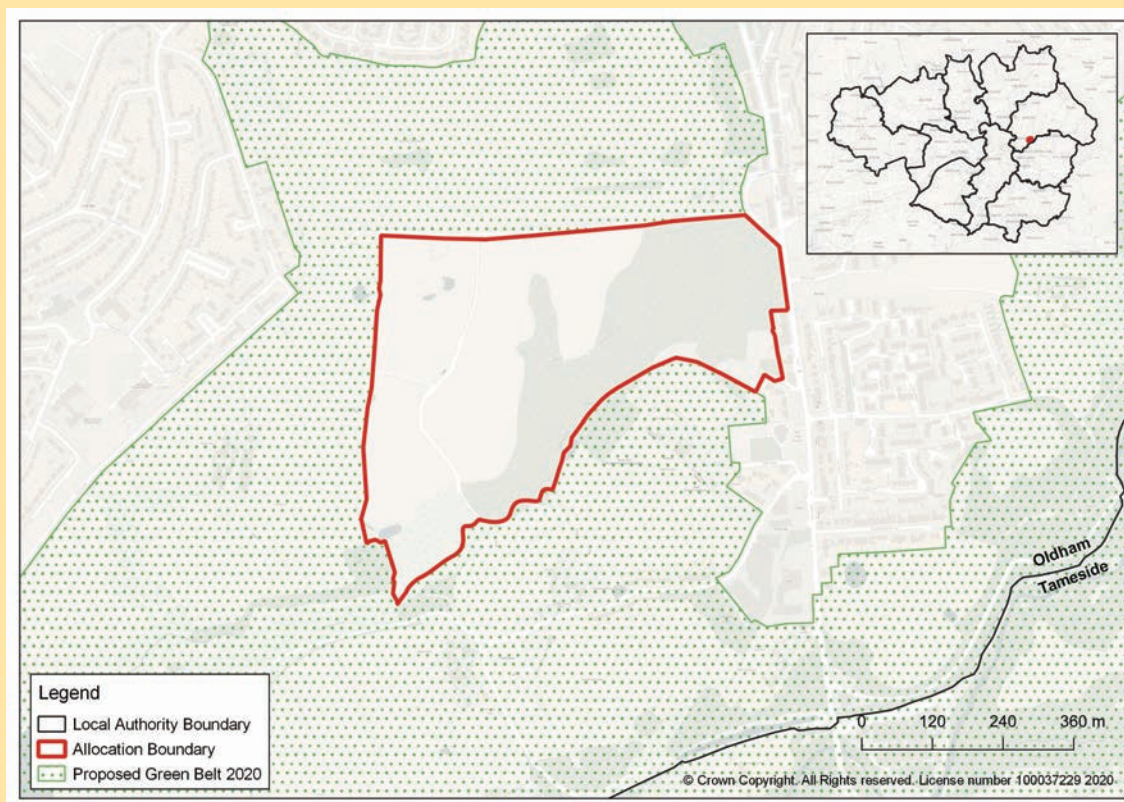
- 11.194** The site is currently designated as Green Belt and is considered developable for housing. Whilst a significant proportion of Oldham's housing land will come from the urban area through maximising the use of brownfield land, it is considered that the site, which is in a sustainable and accessible location on the edge of a rural area and within a strong housing market area, will help to diversify the existing housing stock in the area and boroughwide. The site has the potential to meet local housing need in the immediate vicinity and across the borough and contribute to and enhance the housing mix within the area through adding to the type and range of housing available.
- 11.195** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with Local Planning Policy. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.196** The site is well-connected to existing neighbouring communities in and around Royton, as well as Low and High Crompton. The site lies approximately 1.6km from Royton Town Centre where there is a range of retail, community, health and civic facilities. It benefits from proximity to Rochdale Road, where there are good transport links and any scheme would need to enhance these linkages from within the site to improve accessibility.
- 11.197** TfGM have identified the A627/A671 corridor between Rochdale – Oldham – Ashton within the first tranche of the Streets for All corridor studies programme to improve connectivity on Greater Manchester's Key Route Network. These corridors have been identified on the basis of their potential to support a range of GM agendas, around delivering modal shift (particularly to public transport, walking and cycling), improving air quality and regenerating local centres.

- 11.198** The development will need to provide for suitable access to the site, in liaison with the local highway authority. As stated in the policy the main point of access to the site will be off Castleton Road, linking to a spine road running through the site. The location of any additional access into the site will be subject to the approval of the local highway authority.
- 11.199** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. As such any development would need to provide:
- a. new and/or improvement of existing open space, sport and recreation facilities;
 - b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
 - c. provide for appropriate health and community facilities.
- 11.200** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.201** The Historic Environment Assessment (2020) supporting the GMSF stated there are no designated heritage assets within the site allocation and none have been identified further afield that raise concerns over their setting. However, any development proposal should confirm this and assess non designated assets through a further Heritage Impact Assessment.
- 11.202** There are issues regarding surface water to the south of the site. The incorporation of multi-functional SUDs as part of the wider green infrastructure network should address and mitigate any issues in this respect. A flood risk assessment will be required to inform development. A comprehensive drainage strategy for the whole site should be prepared as part of the more detailed masterplanning stage, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Regard should be had to the GM SFRA SUDs guidance. Proposals should apply greenfield run off rates and be supported by a maintenance plan.
- 11.203** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.204** There are a number of historic landfill sites within this allocation. In line with NPPF, development should ensure that any necessary remediation measures are implemented.

Land south of Coal Pit Lane (Ashton Road)

Policy GM Allocation 18

Land South of Coal Pit Lane (Ashton Road)



Picture 11.28 GMA 18 Land south of Coal Pit Lane (Ashton Road)

Development on this site will be required to:

1. Be in accordance with a comprehensive masterplan and design code agreed by the local planning authority;
2. Deliver around 255 homes, providing a range of dwelling types and sizes to deliver more inclusive neighbourhoods and meet local needs, including the delivery of high-quality family housing;
3. Provide for affordable homes, in line with local planning policy requirements;
4. Provide for appropriate access points to and from the site in liaison with the local highways authority. As part of this, provision should be made to safeguard a route from the north western edge of the site through to Coal Pit Lane, linked to the internal infrastructure of the site;
5. Take account of and deliver any other highway improvements that may be needed to minimise the impact of associated traffic on the surrounding areas and roads, including

- off-site highways improvements, high-quality walking and cycling infrastructure and public transport facilities such as waiting facilities at bus stops near the site;
6. Deliver multi-functional green infrastructure (incorporating the retention and enhancement of existing public rights of way) and high-quality landscaping within the site so as to minimise the visual impact on the wider landscape, mitigate its environmental impacts, enhance linkages with the neighbouring communities and countryside and provide opportunities for leisure and recreation;
 7. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Incised Urban Fringe Valleys;
 8. Retain and enhance the hierarchy of biodiversity within the site, notably areas of priority habitats, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating them as part of multi-functional green infrastructure network;
 9. Provide further surveys on amphibians, extended phase 1 habitats, badgers and bats to inform any planning application;
 10. Provide for new and/or the improvement of existing open space, sport and recreation facilities commensurate with the demand generated and local surpluses and deficiencies, in line with local planning policy requirements;
 11. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt;
 12. Contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt, as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
 13. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through expansion of existing facilities or through the provision of new school facilities, in liaison with the local education authority;
 14. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;
 15. Conserve and enhance heritage assets and their setting in accordance with the findings and recommendations of the Historic Environment Assessment (2020). An up-to-date Heritage Impact Assessment will be required for any planning applications;
 16. Take into consideration the findings of the Greater Manchester Historic Environment Assessment Screening Exercise, and provide an up-to-date archaeological desk-based assessment to determine if any future evaluation and mitigation will be needed;
 17. Be informed by an appropriate flood risk assessment and a comprehensive drainage strategy, which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development should deliver any appropriate recommendations, including mitigation measures and the incorporation of sustainable drainage systems as part of the multi-functional green infrastructure network), and be in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUDs features should be explored; and
 18. Incorporate necessary remediation measures in areas which are affected by contamination and have been previously worked for landfill purposes.

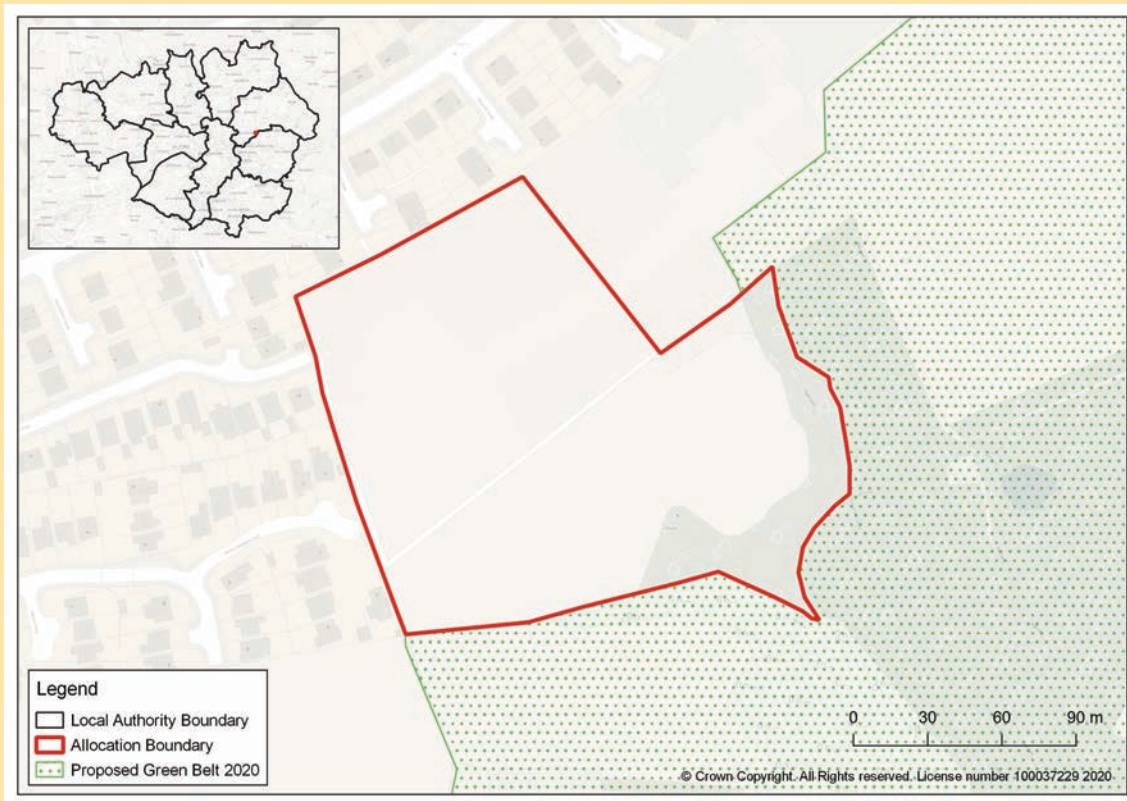
- 11.205** The site is currently designed Green Belt. The red line boundary incorporates the existing saved Oldham UDP allocation at Danisher Lane, to ensure it forms part of the comprehensive development of the site. The saved UDP allocation is not included in the residential capacity set out in the policy, as it has already been identified as part of Oldham's base line housing land supply. Whilst a significant proportion of Oldham's housing land will come from the urban area through maximising the use of brownfield land, it is considered that this site will help to diversify the existing housing stock in the area and the borough as a whole. The site has the potential to meet local housing need in the immediate vicinity and across the borough, and contribute to and enhance the housing mix within the area, through adding to the type and range of housing available.
- 11.206** Affordable housing will be provided as part of any development of the site, including a range of tenures, house sizes and types, in order to meet the needs of residents as appropriate. Affordable housing will be delivered in line with Local Planning Policy. A Housing Strategy and Local Housing Needs Assessment has been prepared by Oldham Council which will inform the Local Plan affordable housing policy.
- 11.207** The site is well positioned in a sustainable and accessible location and has good connectivity to the wider strategic highway network. The site has good access to public transport and a range of local services, with access to a number of bus routes along Ashton Road between Tameside and Oldham. TfGM have also identified the A627/A671 corridor between Rochdale – Oldham – Ashton within the first tranche of the 'Streets for All' corridor studies to improve connectivity on Greater Manchester's Key Route Network. These corridors have been identified on the basis of their potential to support a range of GM agendas, around delivering modal shift (particularly to public transport, walking and cycling), improving air quality and regenerating local centres. Any development would therefore be required to enhance links to and from the site to the bus network, to encourage sustainable modes of travels and maximise the site's accessibility, developing the existing recreation routes and Public Right of Way network.
- 11.208** The development will need to provide for suitable access to the site, in liaison with the local highway authority. Potential access points to the sites may be from Coal Pit Lane and Ashton Road. As part of bringing this site forward consideration should be given as to how movement and connectivity along Coal Pit Lane can be enhanced to improve highway safety, for vehicles, pedestrians and cyclists. As such, provision should be made to safeguard a route from the north western edge of the site through to Coal Pit Lane, with appropriate links through the site to an appropriate access onto Ashton Road.
- 11.209** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. As such any development would need to provide:
- 11.210** a. new and/or improvement of existing open space, sport and recreation facilities;
 - 11.211** b. additional school places through the expansion of existing facilities or new provision of new school facilities; and

- 11.212** c. provide for appropriate health and community facilities.
- 11.213** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.214** The allocation provides opportunities to secure net gains for nature. This should be applied to green infrastructure and priority habitats.
- 11.215** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.216** There are also heritage assets close to the proposed strategic allocation. Any development would need to consider the impact on their setting, through the completion of a further Heritage Impact Assessment.
- 11.217** A flood risk assessment will be required to inform any development. A comprehensive drainage strategy should be prepared, for the site as a whole, as part of the more detailed masterplanning stage, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Regard should be had to the GM SFRA SUDs guidance. Proposals should apply greenfield run off rates and be supported by a maintenance plan.
- 11.218** There are a number of historic landfill sites within the allocation. Necessary remediation measures in areas affected by contamination and previously worked for landfill purposes should be undertaken.

South of Rosary Road

Policy GM Allocation 19

South of Rosary Road



Picture 11.29 GMA 19 South of Rosary Road

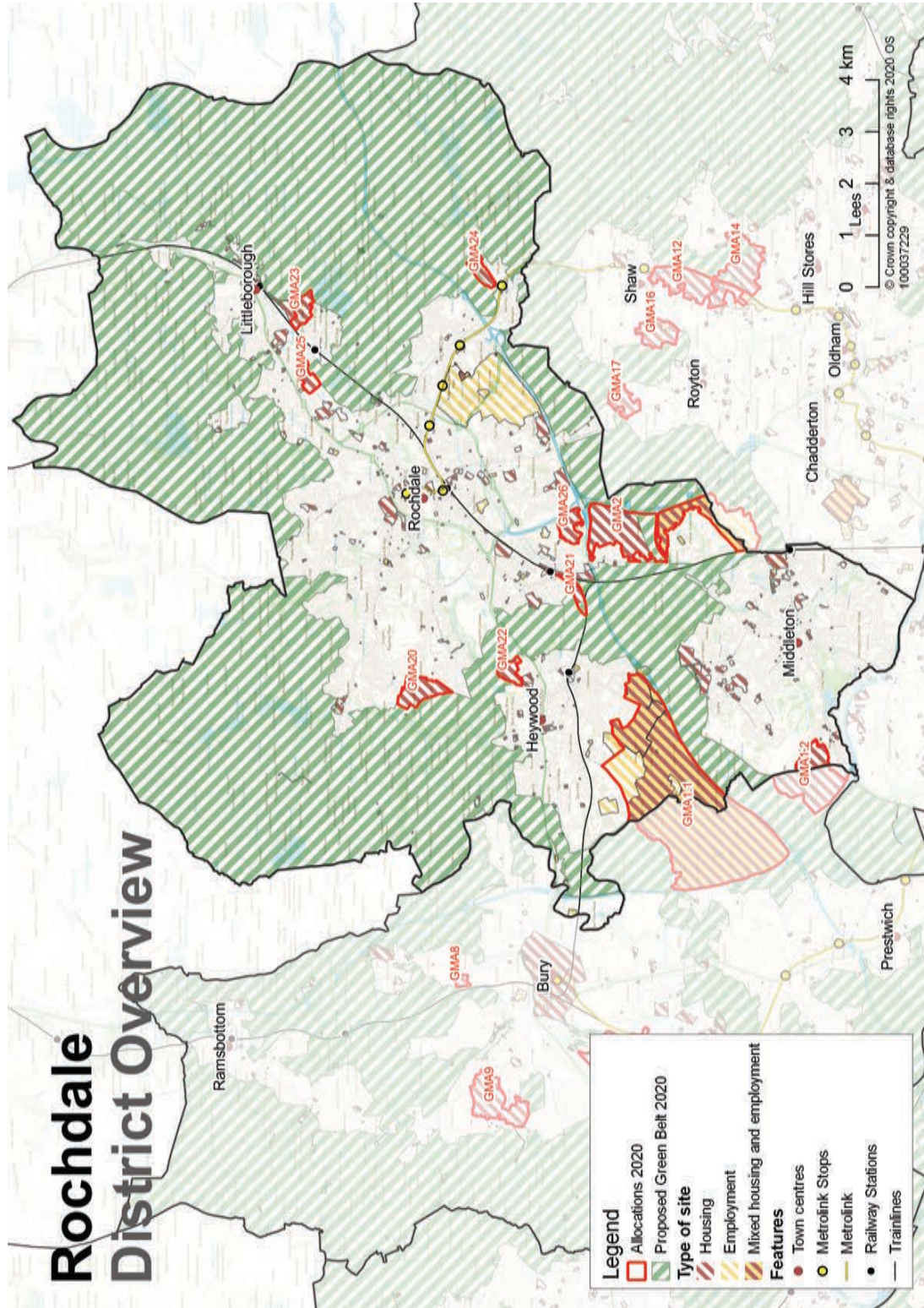
Development at this site will be required to:

1. Deliver around 60 homes, providing a range of dwelling types and sizes to deliver more inclusive neighbourhoods and meet local needs, including the delivery of high-quality family housing;
2. Provide for appropriate access points to and from the site in liaison with the local highway authority. The main point of access to the site will be through the neighbouring former Centre for Professional Development site and onto Rosary Road, with the potential for a secondary emergency only access from St Cuthbert's Fold;
3. Take account of and deliver any other highway improvements that may be needed to minimise the impact of associated traffic on the local highway network and improve accessibility to the surrounding areas, including off-site highway improvements, high-quality walking and cycling infrastructure and public transport facilities;
4. Deliver multi-functional green infrastructure (incorporating the retention and enhancement of existing public rights of way) and high quality landscaping within the site so as to minimise

- the visual impact on the wider landscape, mitigate its environmental impacts, and enhance linkages with the neighbouring communities and countryside and countryside and provide opportunities for leisure and recreation;
5. Have regard to the recommendations of the Greater Manchester Landscape Character and Sensitivity Assessment for the Incised Urban Fringe Valleys;
 6. Retain and enhance the hierarchy of biodiversity within the site, notably Bankfield Clough SBI and the area of priority habitat to the south of the site, following the mitigation hierarchy and deliver a meaningful and measurable net gain in biodiversity, integrating the delivery of functional ecological networks into multi-functional green infrastructure to enable free movement of species of principal importance. Planning proposals should incorporate a suitable buffer between development plots and the SBI to protect its important features;
 7. Provide further surveys on extended phase 1 habitats and bats, to inform any planning application;
 8. Have regard to the findings of the Stage 2 Greater Manchester Green Belt Study, including mitigation measures to mitigate harm to the Green Belt;
 9. Contribute towards green infrastructure enhancement opportunities in the surrounding Green Belt as identified in the Identification of Opportunities to Enhance the Beneficial Use of the Green Belt assessment;
 10. Provide for new and/or the improvement of existing open space, sport and recreation facilities commensurate with the demand generated and local surpluses and deficiencies, in line with local planning policy requirements;
 11. Contribute to additional school places to meet the increased demand that will be placed on existing primary and secondary school provision within the area, either through an expansion of existing facilities or through the provision of new school facilities in liaison with the local education authority;
 12. Contribute to appropriate health and community facilities to meet the increased demand that will be placed on existing provision;
 13. Conserve and enhance heritage assets and their setting in accordance with the findings and recommendations of the Historic Environment Assessment (2020). An up-to-date Heritage Impact Assessment will be required for any planning applications. Enhancements between the development and Bank Top Farmhouse (Grade II) should include additional tree planting and native hedgerows to improve the interface between the farmhouse and any new development;
 14. Be informed by an appropriate flood risk assessment and a comprehensive drainage strategy which includes a full investigation of the surface water hierarchy. The strategy should include details of full surface water management throughout the site as part of the proposed green and blue infrastructure. Development should deliver any appropriate recommendations, including mitigation measures and the incorporation of sustainable drainage systems as part of the multi-functional green infrastructure network and be in line with the GM Level 1 Strategic Flood Risk Assessment (SFRA) advice. Opportunities to use natural flood management and highway SUDs features should be explored; and
 15. Ensure that appropriate access is maintained for United Utilities to their on-site infrastructure.

- 11.219** The land south of Rosary Road is within the Green Belt. Whilst a significant proportion of Oldham's housing land will come from the urban area through maximising the use of brownfield land, it is considered that the site will help to diversify the existing housing stock in the area and boroughwide. The site has the potential to meet local housing need in the immediate vicinity and across the borough and contribute to and enhance the housing mix within the surrounding area through adding to the type and range of housing available, informed by Oldham Council's Housing Strategy and Local Housing Needs Assessment.
- 11.220** The site is well positioned in a sustainable and accessible location that has good connectivity to the wider highway network. The site has good access to public transport and a range of local services with access to bus routes along Ashton Road between Tameside and Oldham. TfGM have also identified the A627/A671 corridor between Rochdale – Oldham – Ashton within the first tranche of the 'Streets for All' corridor studies to improve connectivity on Greater Manchester's Key Route Network. These corridors have been identified due to their potential to support a range of GM agendas, around delivering modal shift (particularly to public transport, walking and cycling), improving air quality and regenerating local centres. Any development would therefore be required to enhance links to and from the site to the bus network, to encourage sustainable modes of travels and maximise the sites accessibility, developing on the existing recreation routes and Public Right of Way network.
- 11.221** The development will need to provide for suitable access to the site, in liaison with the local highway authority. The main point of access to the site is through the neighbouring former Centre of Professional Development site, which along with the former Marland Fold School, is identified as a potential housing site in Oldham's current Strategic Housing Land Availability Assessment. Integration of the allocation with the neighbouring development sites will therefore be important. Any development will also be required to minimise and mitigate the impact of associated traffic on the local highway network, including the neighbouring Fitton Hill housing estate.
- 11.222** It is important to ensure that any development proposed does not place undue pressure on existing social infrastructure and that any development takes account of the increased demand it may place on existing provision. Any development would need to provide:
- a. new and/or improvement of existing open space, sport and recreation facilities;
 - b. additional school places through the expansion of existing facilities or new provision of new school facilities; and
 - c. provide for appropriate health and community facilities.
- 11.223** These would need to be provided in line with local planning policy requirements and in liaison with the local authority.
- 11.224** Bankfield Clough SBI and an area of priority habitat fall within the site along the southern half of the eastern boundary. This area should form part of the wider landscaping and green infrastructure network for the site and retained and enhanced as part of the biodiversity hierarchy within the site.

- 11.225** Development should have regard to the ecosystem services opportunity mapping, in the improvement and enhancement of Green Infrastructure.
- 11.226** There are assets of historical significance close to the site, including Bank Top Farmhouse. Whilst outside the boundary any development proposal would need to consider the impact on their setting, through the completion of a Heritage Impact Assessment. Furthermore, it is considered that additional tree planting and native hedgerows would help to enhance the interface between the existing farmhouse and any development, as well as the green wedge that will sit in between.
- 11.227** A flood risk assessment will be required. A comprehensive drainage strategy for the whole site should be prepared as part of the more detailed masterplanning stage, to ensure that undue pressure and burden is not placed on existing utilities infrastructure through piecemeal and uncoordinated development. Regard should be had to the GM Strategic Flood Risk Assessment (SFRA) SUDs guidance. Proposals should apply greenfield run off rates, be supported by a maintenance plan and make use of highway SUD's features.

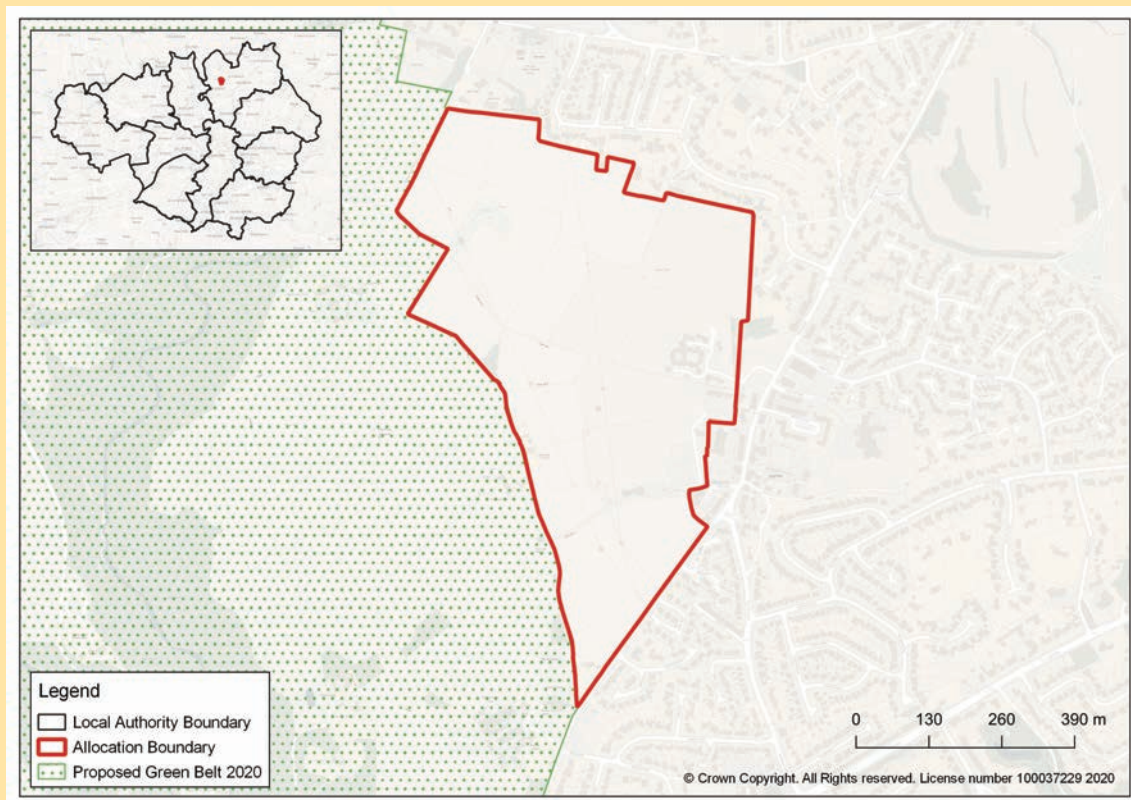


Picture 11.30 Rochdale District Overview

Bamford / Norden

Policy GM Allocation 20

Bamford / Norden



Picture 11.31 GMA 20 Bamford / Norden

1. Deliver around 450 new homes predominantly in the western and southern parts of the site, with a focus on larger, higher value family housing to balance out the current offer within the borough and reflect the grain and density of the surrounding residential areas;
2. Retain and significantly enhance the existing recreational facilities as part of an integrated green and blue infrastructure network on the site. The improvement of the facilities will create a high quality recreational and sports 'hub' serving the local area and the borough as a whole;
3. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;
4. Define the archaeological potential of the development site through the completion of archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the Bamford/Norden Historic Environment Assessment 2020. The masterplan must detail where significant archaeology must be preserved in situ and demonstrate how the development has responded sympathetically to this;

5. Provide access to the site from suitable points along Norden Road;
6. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
7. Contribute to the potential extension of the proposed bus rapid transit services between Heywood and Manchester;
8. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
9. Take account of any visual impact from Ashworth Valley to the west given the high landscape and recreational value of that area and ensure there are high quality links/routes to the wider countryside;
10. Ensure that the design of the scheme preserves or enhances the setting of the listed Bamford United Reform Church immediately to the south of the site;
11. Provide contributions to ensure that there are sufficient school places to accommodate the new housing either through an expansion of existing schools or the provision of new school facilities; and
12. Retain and enhance public rights of way across and around the site.

11.228 Norden and Bamford are well-established residential areas to the west of Rochdale town centre and there is a strong market demand for housing within the area. It is one of the most significant areas of larger, higher value housing within the sub-region and is considered to be a desirable and aspirational place to live. This development offers an excellent opportunity to expand on this area to deliver a type of housing which is in short supply across the borough and the conurbation as a whole. The provision of such housing is important to ensure that a good range of housing is available across Greater Manchester to support economic growth.

11.229 The area does contain a number of sporting recreational facilities in the form of playing pitches, a cricket ground and tennis courts. The Council's 2018 Playing Pitch Strategy identified the playing pitches as a key club site supporting clubs with a large number of junior teams. Any proposal should seek to ensure that these pitches and the other sporting facilities are retained and significantly enhanced as part of a high quality, integrated development. The improvements to the playing pitches should include, but not be limited to, the following:

- Underground pitch drainage;
- A replacement pavilion incorporating necessary changing facilities and community space; and
- The provision of a 'red path' around the pitches to accommodate a range of walking and running activities.

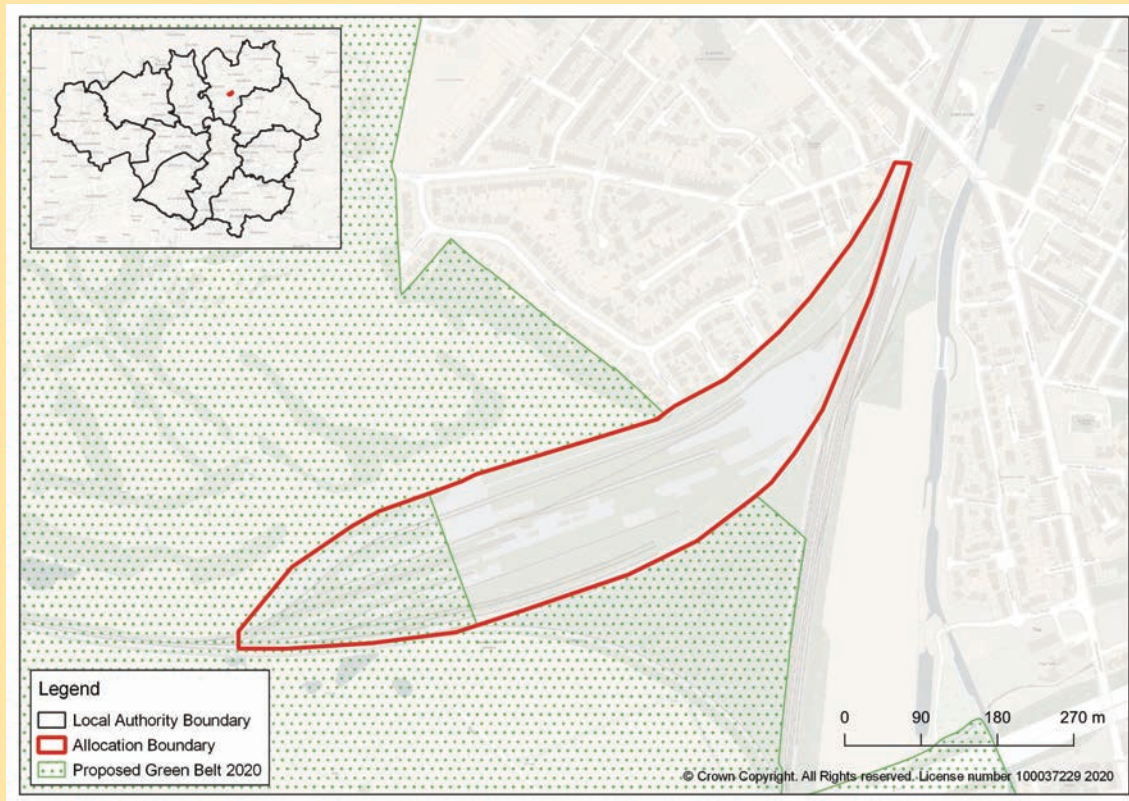
11.230 There is a proposal, linked to the development at Northern Gateway, to provide a bus rapid transit service linking Heywood and Manchester city centre. There is potential to extend some of these services to Norden which could serve this development and the wider western part of the town. This proposal should provide a financial contribution to support the delivery of this route extension.

- 11.231** There is an opportunity to deliver improvements to the local highway network in the area to improve the flow of traffic and ensure that the proposed development does not have an adverse impact on local roads. The development will be expected to contribute to identified mitigations.
- 11.232** The site is also relatively close to Ashworth Valley to the west. This river valley is of high landscape value and provides some attractive recreational routes. It is important that any development does not have a negative impact of this natural asset and where practical historic field boundaries as identified in the Bamford/Norden Heritage Assessment should be retained and incorporated in to the masterplan. Similarly, the existing footpath network should also be maintained. This could be addressed through a high quality boundary treatment on the western edge of the opportunity area. To ensure any development does not impact upon the setting of the Bamford United Reform Church, a Grade II listed building, the tree line along Jowkin Lane should be retained to provide screening.
- 11.233** As with a lot of areas within the borough there is limited capacity in relation to primary school places. Therefore any proposal would need to address this through a contribution to expand existing schools in the area.
- 11.234** The layout of development will also need to take account of the location of electricity pylons that cross the site. This could be linked to a high quality network of green infrastructure and landscaping within the scheme.

Castleton Sidings

Policy GM Allocation 21

Castleton Sidings



Picture 11.32 GMA 21 Castleton Sidings

Development at this site will be required to:

1. Deliver around 125 high quality homes including higher value family housing;
2. Built development will be limited to the eastern half of the site to minimise encroachment of built development into the Green Belt with the western part of the site will be redeveloped as an area of open space or nature conservation area and retained within the Green Belt;
3. The north east of the site will accommodate a temporary rail halt and associated parking to facilitate the extension of the East Lancashire Railway (ELR) from Heywood to Castleton, and potentially a tram-train trial project if progressed in this location;
4. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;
5. Provision should be made within the scheme for appropriate access by Network Rail and ELR to undertake any maintenance and improvements relating to the extended ELR when required;

6. Address the risk of surface water flooding that affects part of the site through an appropriate sustainable drainage strategy (SuDS);
7. Provide good quality pedestrian and cycling routes through the site to facilitate safe and convenient links to the centre of Castleton and the Castleton Bee Network scheme, the nearby railway station, and westwards to employment locations around Heywood;
8. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
9. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
10. Carry out a project specific Habitats Regulation Assessment for planning applications of 50 dwellings or more;
11. Incorporate high quality landscaping, multi-functional green and blue infrastructure and acoustic attenuation to mitigate the potential visual and noise impact on the railway side of the land and provide appropriate boundary treatment in relation to the retained Green Belt; and
12. Provide contributions to ensure that there are sufficient school places to accommodate the new housing either through an expansion of existing schools or the provision of new school facilities.

11.235 The site offers the opportunity to deliver high quality housing on previously-developed land in a sustainable and accessible location. The western part of the site is within the Green Belt but the eastern part of the site closest to Castleton is within the urban area and is available and deliverable development and is well placed to utilise existing community facilities and social infrastructure.

11.236 The development of the site is important to facilitate the extension of the East Lancashire Railway (ELR) from Heywood to Castleton. The delivery of this extension is identified in the ELR 2020 Development Strategy and will assist in the wider regeneration of Castleton local centre. It also offers further potential connectivity given that it provides a convenient link between the heritage line to mainline passenger services at Castleton station. The first stage of this requires a temporary halt and parking in the north east part of the site. The halt will only be required until the legal procedures to extend the line under the Manchester Road Bridge to provide a connection with the Calder Valley main line are in place. Once the halt is not required the land will revert to a residential allocation. In the longer term, there could also be potential for a tram-train trial project between Rochdale, Castleton and Heywood. The feasibility of tram-train technology in Greater Manchester is currently being studied by TfGM.

11.237 Given the shape of the site it is not appropriate that all of it is developed as this would have a significant impact on the Green Belt between Castleton and Heywood. The redevelopment of the site as a whole does offer the opportunity to create a high quality area of open space or an area for nature conservation on the western part of the site. In addition to this, the proximity of the site to the railway line means that any proposal will need to incorporate a good quality, sensitive and well-designed acoustic attenuation and landscape buffer to mitigate against visual and noise impacts and improve amenity for new residents.

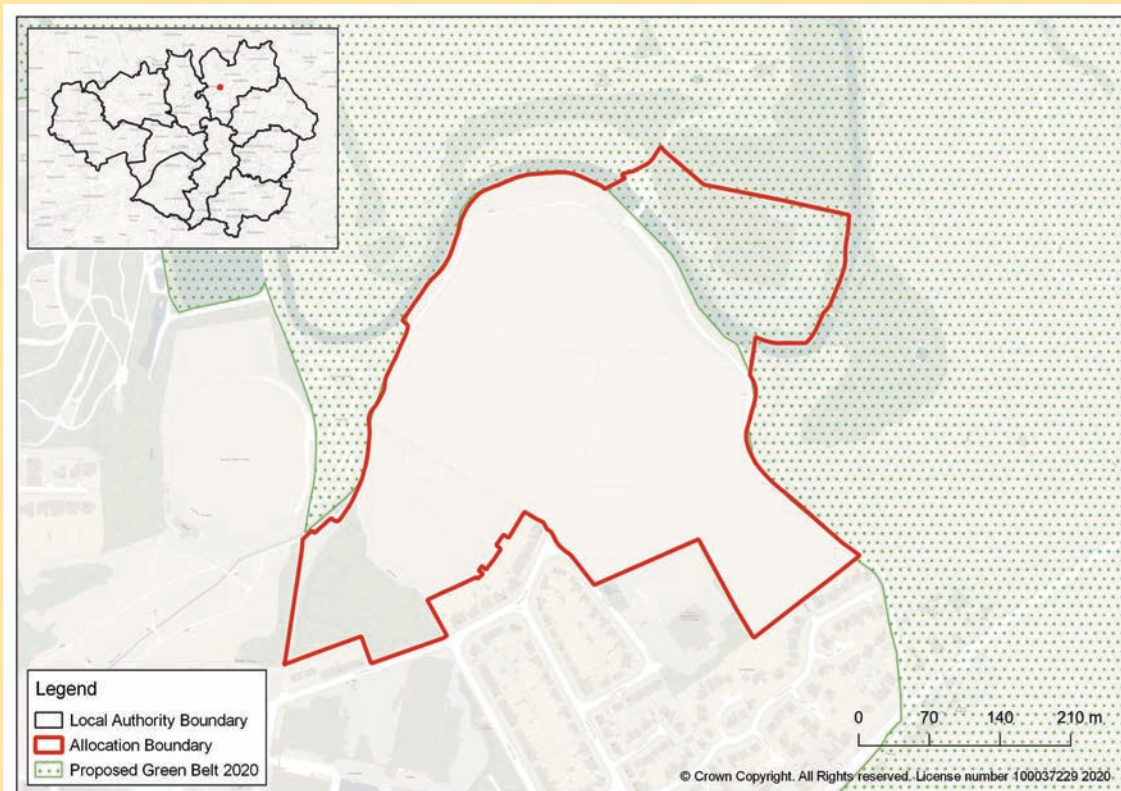
Furthermore, given the proximity of the site to the adjacent Heritage Assets, specifically: St Martins Church, Castleton South Conservation Area, Lock 52, Towpath Bridge and the United Reform Church, new development will respond positively to preserve and enhance their setting, retain key views to and from the assets and ensure the new development avoids being overly dominant.

- 11.238** A designated National and European site is located close to the site. Therefore any impact from the new development and any associated traffic generated will need to be taken into account. As such, a project specific Habitats Regulation Assessment will be required for planning applications involving 50 or more residential units.
- 11.239** The operational needs of the mainline railway line, ELR extension and a potential tram-train trial project will also need to be taken fully into account in the design and layout of any scheme. In particular this would require appropriate access to be facilitated through any detailed proposal on the site.

Crimble Mill

Policy GM Allocation 22

Crimble Mill



Picture 11.33 GMA 22 Crimble Mill

Development at this site will be required to:

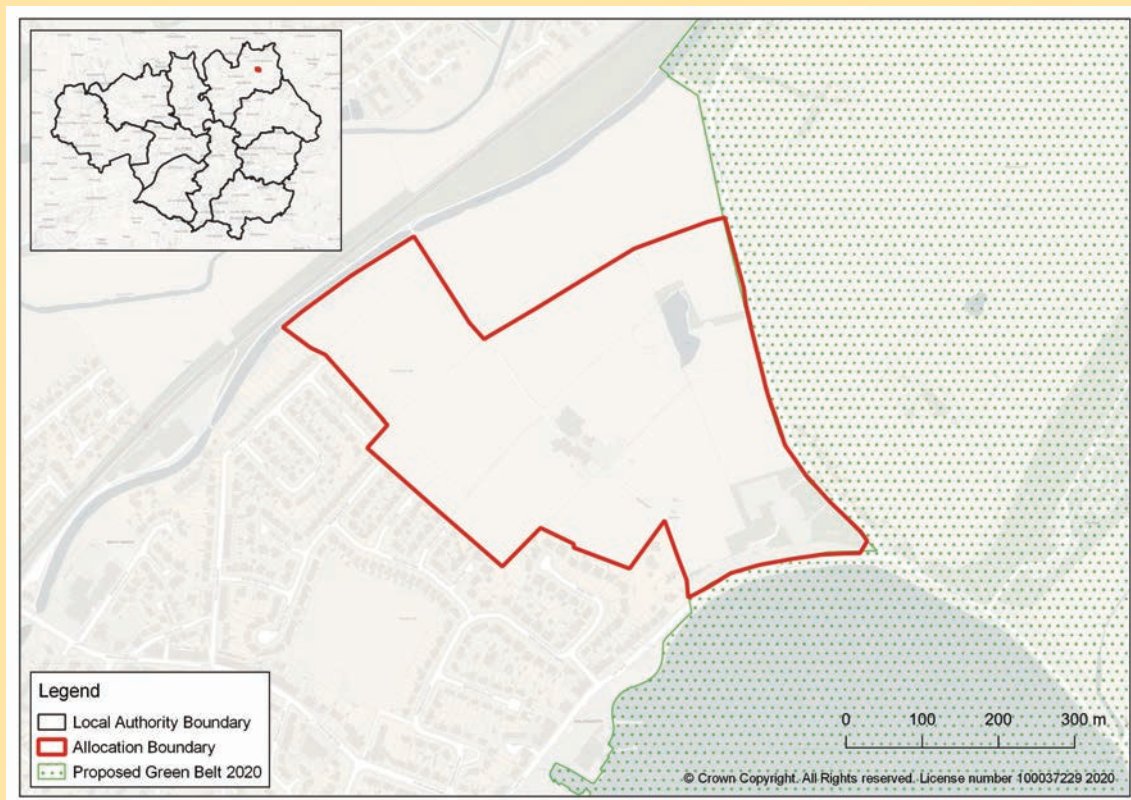
1. Deliver around 250 new homes, including higher value family housing, within an attractive riverside setting, including the provision of new homes within the converted Grade II* Listed Crimble Mill;
2. Protect and enhance the character and significance of the mill complex in order to secure the long term future of these nationally significant Listed Buildings. This will include detailed masterplanning to avoid development in areas of high sensitivity as defined by the Crimble Mill Historic Environment Assessment 2020;
3. Define the archaeological potential of the development site to the south of the mill complex and river through the completion of archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the Crimble Mill Historic Environment Assessment 2020. The masterplan must detail where significant archaeology must be preserved in situ and demonstrate how the development has responded sympathetically to this;
4. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;
5. The detailed layout of any scheme should respect the setting of the Listed mill complex and have regard to the adjacent Queens Park, the River Roch and the wider river valley setting, including the incorporation of high quality green and blue infrastructure;
6. Provide appropriate access on to the A58 to the south of the site along with secondary access onto Mutual Street;
7. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
8. Any proposal needs to take into account the risk of flooding, particularly in respect of those parts of the site that are identified as being within Flood Zone 3. This includes ensuring that the mill building can be accessed from the north;
9. Retain and enhance existing rights of way and general access through and around the site. This should include:
 1. New and improved access to the adjacent Queens Park;
 2. Enhancing walking and cycling routes to encourage sustainable access to Heywood town centre; and
 3. Creation of a route adjacent to the River Roch to support the wider Roch Valley Way
10. Provide appropriate access to electric vehicle charging infrastructure and cycle storage; and
11. Any proposal should provide some land adjacent to the existing school to the south of the site, to allow for the expansion of the school to accommodate the additional demand for places. Financial contributions will also be required to ensure provision of primary and secondary schools places to serve the development.

- 11.240** The proposal provides an opportunity to deliver a sustainable urban extension to the north east of Heywood whilst safeguarding and preserving a heritage asset. The sustainable attributes of the site would be enhanced by the creation of new and improved pedestrian and cycle access. The site is adjacent to Queens Park, an award winning Victorian park which includes a range of recreation and leisure facilities. Any proposal should create high quality physical and visual links to the park. The site also has the potential to deliver convenient access to Heywood town centre to the south west of the site as well as destinations further afield via the Roch Valley Way.
- 11.241** The site will deliver high quality homes in an attractive location which will also secure the future of a Grade II* Listed Building. Crimble Mill dates back to the mid-18th Century as a fulling mill. It is a rare surviving example of a textile mill that illustrates the transition from water to steam power on a rural site. It is likely to be the last, large-scale water powered rural mill to survive in Greater Manchester. The property is on Historic England's Heritage at Risk Register at Category A (Immediate risk of further rapid deterioration or loss of fabric: no solution agreed). The condition is recorded as "Very Bad". Building condition and recording surveys must be agreed and completed to document the premises prior to any development or demolition taking place.
- 11.242** The proposal will be required to demonstrate how it would support the retention and enhancement of the mill complex. This would need to be agreed by the local planning authority prior to commencement of any development with a clear timetable secured via a legal agreement or planning condition as part of any planning permission. The expectation would be that this would be the first phase of any development given the condition of the listed mill building. The design and layout of any scheme should respond to its rural setting and location adjacent to the River Roch and have full regard to the Listed mill and its semi-rural surroundings. Key views to and from the listed mill complex from the development site. Historic field boundaries and areas of woodland which contribute to the rural character of the site should also be retained. Where opportunities for interpretation are present these should be included in the masterplan.
- 11.243** Parts of the site adjacent to the River Roch are at risk from flooding and this includes part of the mill complex itself. Any proposal would need to demonstrate how it has addressed the issue of flooding within the scheme. Any proposed mitigation would need to consider the effects of the development downstream from the site. The development will also need to ensure that the mill site can be accessed from the north via Crimble Lane and onto Bury and Rochdale Old Road.
- 11.244** The site is adjacent to All Souls C of E Primary School. The development will place significant demand on school places within the area and local schools are already at or near to capacity. Any proposal should therefore provide some land adjacent to the school to allow for future expansion including associated outdoor playing space. This would provide new places in a location convenient for the residents of the new development.

Land North of Smithy Bridge

Policy GM Allocation 23

Land North of Smithy Bridge



Picture 11.34 GMA 23 Land North of Smithy Bridge

Development at this site will be required to:

1. Deliver around 300 new homes, including higher value family housing, to meet needs within the local area and to attract and retain higher income households within Greater Manchester, taking advantage of its attractive setting next to Hollingworth Lake and the Rochdale Canal;
2. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;
3. Deliver a landscape-led development which maximises its Pennine fringe setting and takes account of views from and into the site, including the incorporation of high quality green and blue infrastructure;
4. Incorporates a design and layout which complements the existing housing to the west of the site and the proposed new housing on the former Akzo Nobel site to the north;
5. Create high quality, safe and convenient walking and cycling routes through the site providing improved linkages to key local destinations including Littleborough Town Centre, Hollingworth Lake, Rochdale Canal and the two railway stations – Smithy Bridge and Littleborough;

6. Define the archaeological potential of the development site through the completion of archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the Land North of Smithy Bridge Historic Environment Assessment 2020. The masterplan must detail where significant archaeology must be preserved in situ and demonstrate how the development has responded sympathetically to this;
7. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
8. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
9. Carry out a project specific Habitats Regulation Assessment for planning applications of 50 dwellings or more;
10. Facilitate the delivery of a new primary school and associated outdoor playing space at the southern end of the site and contribute to additional primary and secondary places to meet demand arising from the new development; and
11. Deliver the provision of replacement visitor car parking to replace the existing spaces lost on the car park at the southern end of the site.

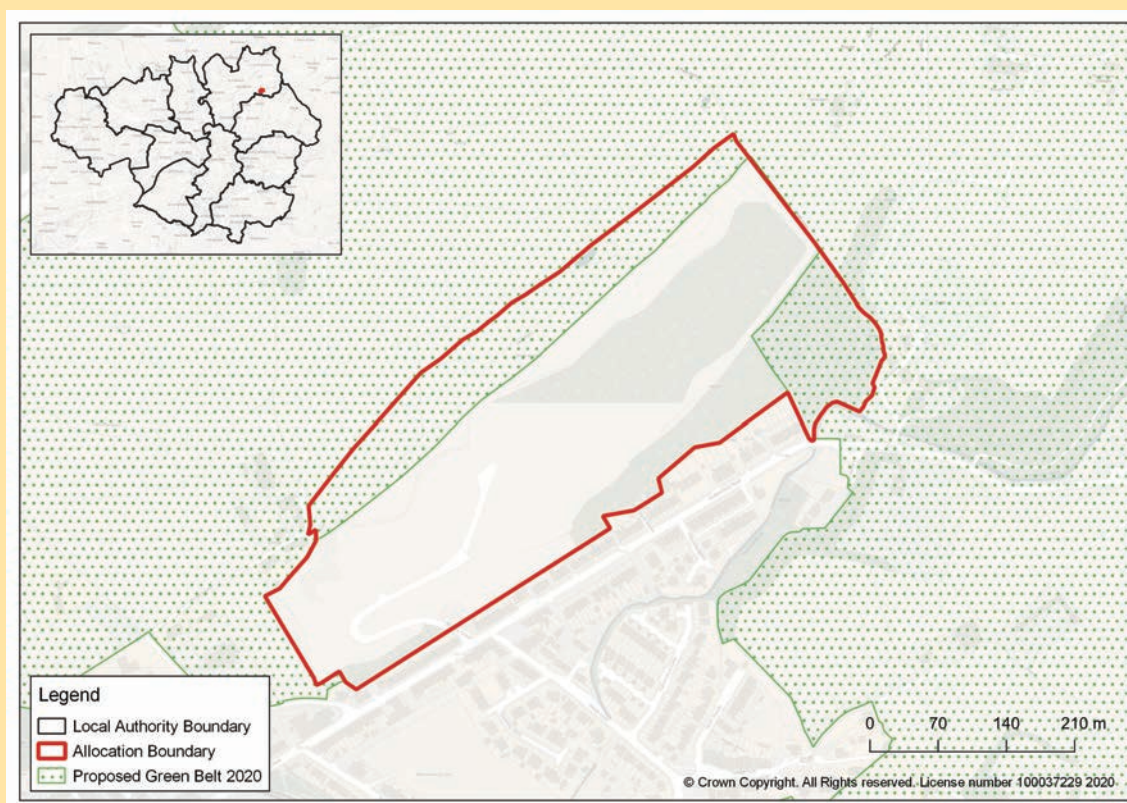
- 11.245** This site provides an excellent opportunity to deliver a high quality housing scheme and associated facilities which maximises the potential of this sustainable location. Any proposal should take advantage of its setting close to Hollingworth Lake and build on the existing and proposed residential offer within the area.
- 11.246** The site is within walking distance of both Littleborough and Smithy Bridge rail stations and adjacent to Smithy Bridge which is an attractive and popular residential area which also includes Hollingworth Lake Country Park. The site is also relatively close to Littleborough town centre which contains a range of local services and facilities. Access between these destinations can be significantly improved through the creation of new routes within this development and the adjoining housing site to the north.
- 11.247** Designated National and European sites are located immediately adjacent to the site and in the wider landscape area. Therefore any impact from the new development and any associated traffic generated will need to be taken into account. As such, a project specific Habitats Regulation Assessment will be required for planning applications involving 50 or more residential units.
- 11.248** The Land North of Smithy Bridge Historic Environment Assessment 2020 identifies heritage assets which may be impacted upon through the development of this site. The masterplan must seek to protect and enhance such assets where possible, otherwise their harm must be robustly justified and mitigated.
- 11.249** There is a local issue in terms of primary school places and this can only be resolved through the provision of a new school. This area provides an excellent location for a new facility given that it lies between Littleborough and Smithy Bridge and therefore can serve both areas sustainably. It also provides an attractive location for a school which can provide access to open areas and activities, thus promoting healthy lifestyles.

11.250 The southern end of the site is currently occupied by a car park which accommodates visitors to the lake. This will need to be replaced by an equivalent facility in order that the parking needs of visitors to the lake are met and to avoid displacing car parking on to nearby roads and streets. The delivery of appropriate parking will need to be linked to the overall delivery of the wider proposal.

Newhey Quarry

Policy GM Allocation 24

Newhey Quarry



Picture 11.35 GMA 24 Newhey Quarry

Development at this site will be required to:

1. Deliver around 250 new homes, including higher value family housing;
2. Deliver a mix of housing density, with the potential for higher density development in the south west part of the site closest to the village centre and the Metrolink stop. The northern and eastern parts of the site could include larger, higher value housing to diversify housing choice in the local area;
3. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;

4. Create a unique, high quality development including attractive and interesting open spaces and landscaping by carrying out any necessary re-profiling of the quarry face, incorporating water features and safeguarding and enhancing biodiversity;
5. Ensure that the re-profiled quarry face, which is to be retained in the Green Belt, takes the opportunity to incorporate biodiversity and attractive visual features to enhance the quality of the development;
6. Ensure that the design of the scheme preserves and enhances the setting of the listed St Thomas Church immediately to the west of the site, provides a buffer zone to the east of Bradley Farmhouse and avoids the use of Bradley Lane for vehicular access;
7. Provide publicly available car parking to serve the Metrolink stop in Newhey and the residents on Huddersfield Road to alleviate on street parking issues;
8. Retain and enhance existing rights of way and create a network of safe and attractive pedestrian and cycling routes linking the development to the centre of Newhey, the nearby Metrolink stop and the existing cycle / walking network;
9. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
10. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
11. Provide safe and appropriate access onto Huddersfield Road; and
12. Provide contributions to ensure that there are sufficient school places to accommodate the new housing either through an expansion of existing schools or the provision of new school facilities.

11.251 Newhey Quarry has been disused for a number of years but does have existing permission for mineral extraction. This allocation provides an opportunity to deliver a high quality development incorporating a range of house types in an attractive and spectacular setting. The setting of this site will be the key driver in terms of any detailed designs and layout for the site. Given the opportunity that exists to create something exceptional, a 'traditional' suburban housing development would not be considered acceptable for this site.

11.252 The site is in a sustainable location with easy access to the centre of Newhey and the Metrolink stop. Presently the Metrolink stop at Newhey is well used and has no dedicated parking. The development of this site will be required to deliver publicly available car parking. The size, location and design of any parking would need to be agreed between the Council, TfGM and the developer. In addition to parking to serve the Metrolink stop, the development should also provide parking for residents on Huddersfield Road. This would be to deal with existing issues as well as taking account of any impact accessing the development may have on existing on-street parking e.g. to ensure necessary visibility along Huddersfield Road.

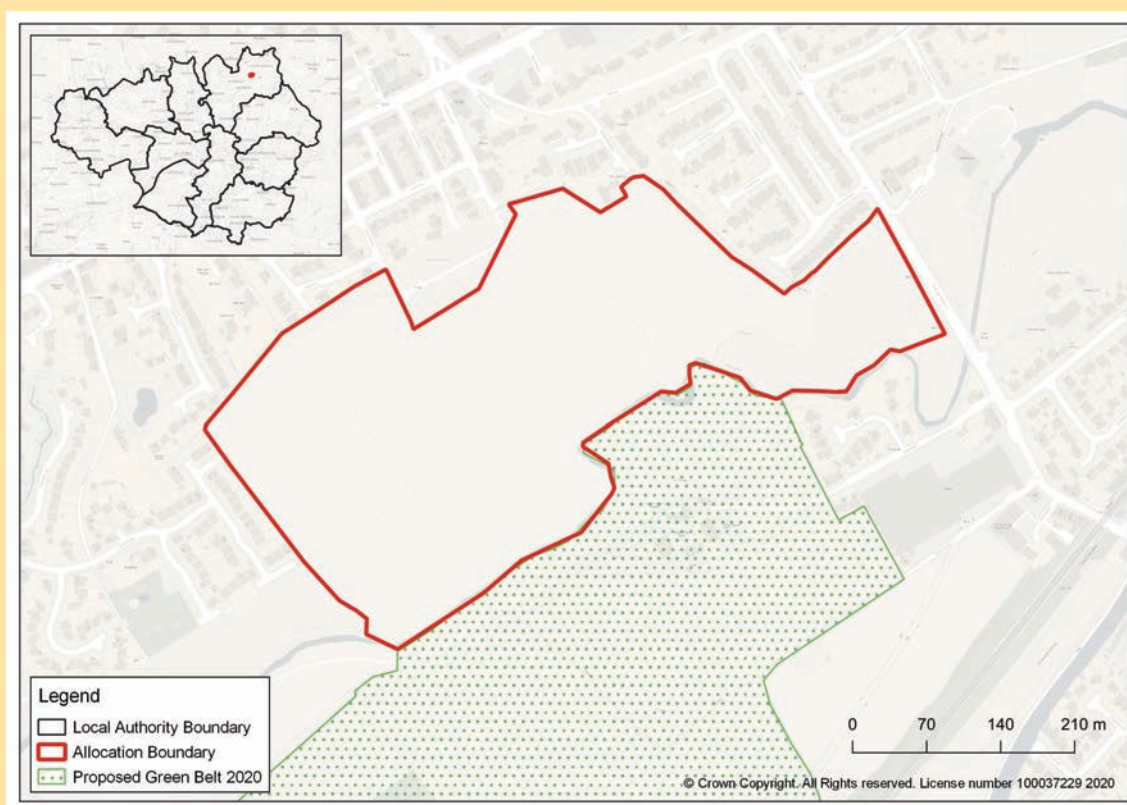
11.253 Given the location of the site and the nature of the surrounding area, it will be important for any layout to incorporate a high quality green and blue infrastructure network and attractive open spaces and maximise opportunities presented by the quarry face, even where re-profiling of the quarry face is necessary. This should reflect and utilise the features within the site to create attractive and usable spaces for new and existing residents. The re-profiled quarry

face is to be retained within the Green Belt along with the south east corner of the site. These retained areas of Green Belt provide opportunities for enhancement of retained Green Belt in accordance with NPPF as well as providing opportunities to safeguard habitats and deliver biodiversity net gain within the site. Although the site is generally well screened from a number of points, the impact on the wider landscape should be taken fully into account in terms of the choice of materials and landscaping.

Roch Valley

Policy GM Allocation 25

Roch Valley



Picture 11.36 GMA 25 Roch Valley

Development at this site will be required to:

1. Deliver around 200 homes, including higher value family homes, on the northern half of the site adjacent to existing residential areas to be accessed primarily from Smithy Bridge Road to the east;
2. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;

3. Safeguard the land between the developed part of the site and the River Roch to contribute to measures that deliver flood alleviation benefits for the River Roch catchment between Littleborough and Rochdale town centre. This should be accompanied by appropriate water management in the site itself, including sustainable drainage infrastructure (SuDS);
4. Have regard to the river valley setting in terms of the design and layout, particularly in relation to the materials uses, the incorporation of green and blue infrastructure and the landscaping along the boundary of the site;
5. Protect and enhance archaeological features and where appropriate carry out archaeological evaluation for areas specified in the Roch Valley Historic Environment Assessment 2020 to understand where especially significant archaeology must be preserved in situ. Protect field boundaries and the identified key views to and from adjacent heritage assets;
6. Maintain and enhance pedestrian and cycle routes through the valley both to promote active lifestyles and provide sustainable routes to local centres, services and public transport, notably Smithy Bridge railway station to the south and the bus corridor on the A58 to the north;
7. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
8. Provide financial contributions to mitigate impacts on the highway network identified through a transport assessment;
9. The layout of the scheme should be designed in a way to deliver the eastern section of a proposed residential relief road between Smithy Bridge Road and Albert Royds Street. This proposed new road will need to incorporate attractive, high quality pedestrian and cycle routes; and
10. Provide contributions to ensure that there are sufficient school places to accommodate the new housing either through an expansion of existing schools or the provision of new school facilities.

11.254 This site is located within the wider Roch Valley between Rochdale and Littleborough which is outside the current defined urban area but is not within the Green Belt being currently designated as Protected Open Land. This land is adjacent to well established areas of housing and is within an attractive setting. Some development has recently gained planning permission and the opportunity exists for more, relatively small scale, proposals which respect the river valley location and setting.

11.255 The Roch Valley Historic Environment Assessment identified the sensitivities that need to be taken in to account in relation to the masterplan and any subsequent planning applications for this site.

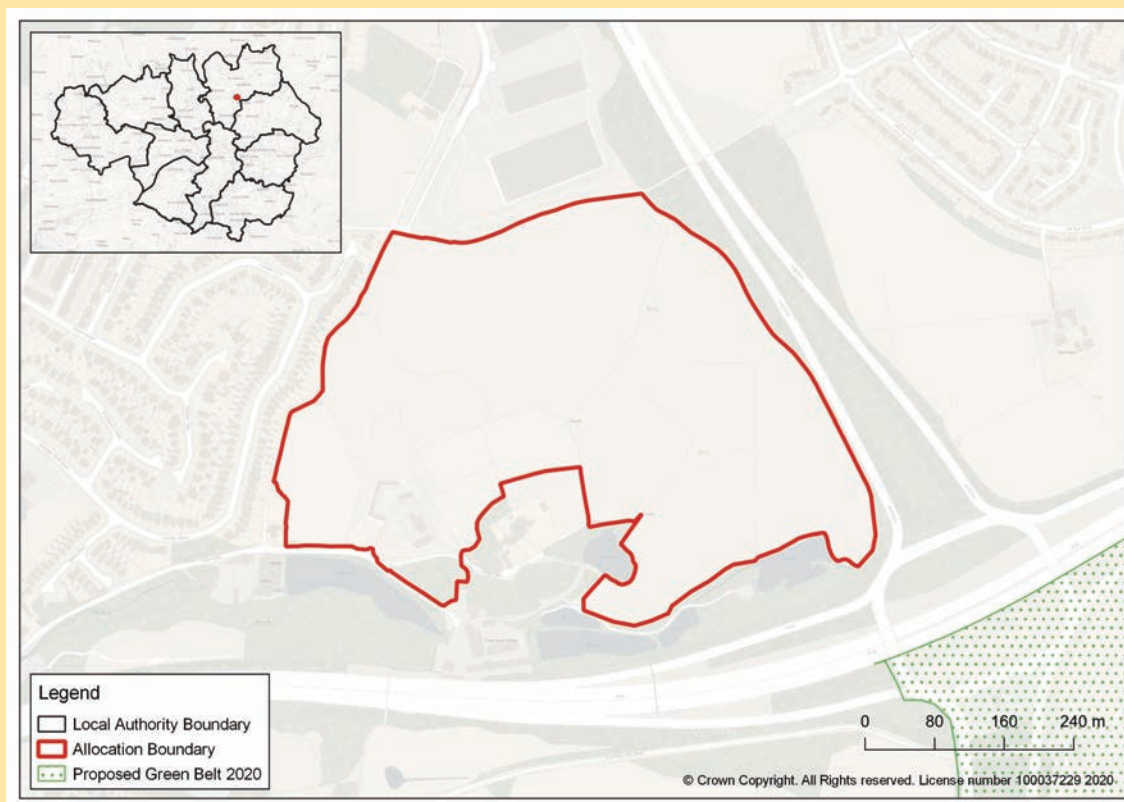
11.256 The area has good access to the A58 bus corridor and there are local services and facilities along this route. The development will need to provide good walking and cycling routes to the Calder Valley Railway line station at Smithy Bridge which offers good access to the city centre and other areas of GM.

- 11.257** Although none of the land proposed for development would be at risk from flooding the land to the north of the River Roch has been identified by the Environment Agency and the Council as a location where flood water storage capacity should be safeguarded to enhance measures that deliver flood alleviation benefits for the River Roch catchment between Littleborough and Rochdale town centre. Any development should take account of this proposal and, where possible, include measures that will contribute to the ability of this location to mitigate against flood risk in the wider Roch Valley.
- 11.258** The river valley setting of the site means that the impact of any development must be taken into account in terms of any design and layout. There are some long distance views into the site from across the valley and therefore it is important that the impact of any scheme is minimised as much as possible through the use of appropriate material and high quality landscaping.
- 11.259** There are proposals to deliver a residential relief road linking Smithy Bridge Road and Albert Royds Street. This route would improve traffic flow on the local route network and reduce congestion at a number of junctions in the area. This site provides an opportunity to deliver the eastern section of this road as part of a high quality residential layout. Any new road will include attractive, high quality pedestrian and cycle routes to promote sustainable modes of transport from, to and through the site.

Trows Farm

Policy GM Allocation 26

Trows Farm

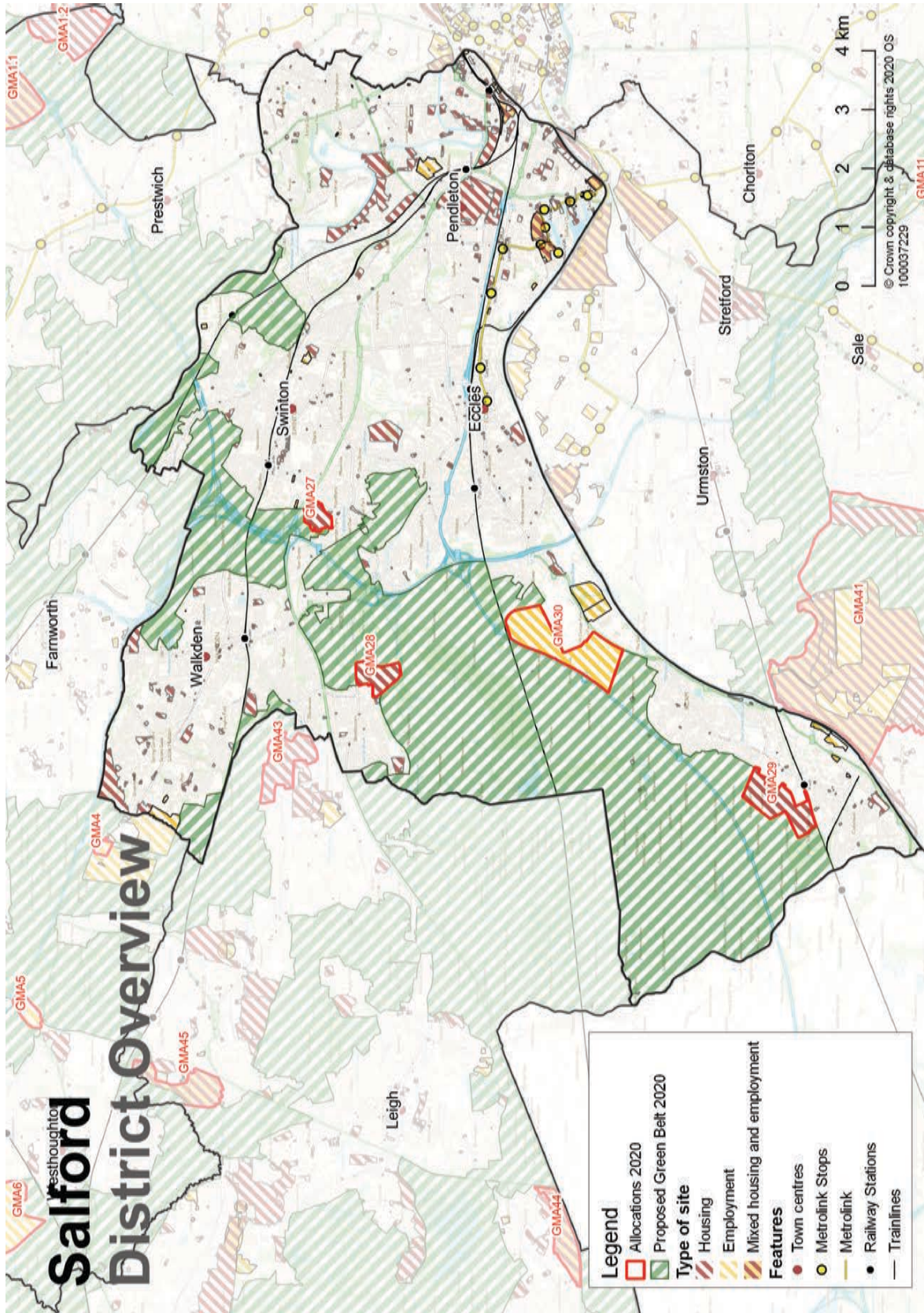


Picture 11.37 GMA 26 Trows Farm

1. Deliver around 550 new homes incorporating a good mix of house types including higher value family housing;
2. Achieve excellent design and sustainability through masterplanning and the use of design codes for the whole site to ensure comprehensive development;
3. Provide access to the site primarily via Cowm Top Lane to the north;
4. Provide safe and attractive walking and cycling routes to the local centre of Castleton and the railway station;
5. Provide appropriate access to electric vehicle charging infrastructure and cycle storage;
6. Use the topography and contours within the site to deliver a well-designed scheme which incorporates good quality green and blue infrastructure having regard to existing biodiversity and greenspace corridors;
7. Carry out a project specific Habitats Regulation Assessment for planning applications of 50 dwellings or more;

8. Define the archaeological potential of the development site to the south of the mill complex and river through the completion of archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the Trows Farm Historic Environment Assessment 2020. The masterplan must detail where significant archaeology must be preserved in situ and demonstrate how the development has responded sympathetically to this;
9. Ensure that development provides a positive visual impact given its prominent position adjacent to the M62 and A627(M) motorways;
10. Incorporate appropriate noise and air quality mitigation along the M62 and A627(M) motorway corridors; and
11. Provide contributions to ensure that there are sufficient school places to accommodate the new housing either through an expansion of existing schools or the provision of new school facilities.

- 11.260** The site is available and deliverable for residential development and provides an excellent opportunity to widen housing choice in a sustainable location. The wider area around Castleton has a number of existing housing opportunities and this site complements these and offers the potential to regenerate Castleton in the longer term. Castleton offers a number of local services and has excellent transport links.
- 11.261** Rail journeys into the city centre from Castleton station take only fifteen minutes and this is complemented by a quality bus corridor along Manchester Road. High-quality walking and cycling connections to Castleton station and Manchester Road should therefore be provided as part of the development. The site also has good access to the motorway network.
- 11.262** The topography of the site does not affect its deliverability and provides an opportunity to deliver a visually interesting scheme using the topography within the site. Where possible, the masterplan should incorporate the retention of historic field boundaries as highlighted in the Trows Farm Historic Environment Assessment 2020. This will help retain the rural character of the site and will contribute to the green infrastructure offer within the site.
- 11.263** There is new employment development to the north of the site at Crown Business Park but the site is large enough to achieve adequate separation between the two uses.
- 11.264** It is considered that by 2040 this development may lead to traffic increases on the M62 motorway because of its size and relative proximity to the motorway. The M62 passes close to designated National and European sites known to be susceptible to traffic pollution, particularly nitrate deposition. As such, a project specific Habitats Regulation Assessment will be required for planning applications involving 50 or more residential units.
- 11.265** There is a local issue in terms of primary school places and this can only be resolved through the provision of a new school in the area. Therefore this development will be expected to contribute to the provision of a new school to ensure that the demand for new school places created by the development can be met.

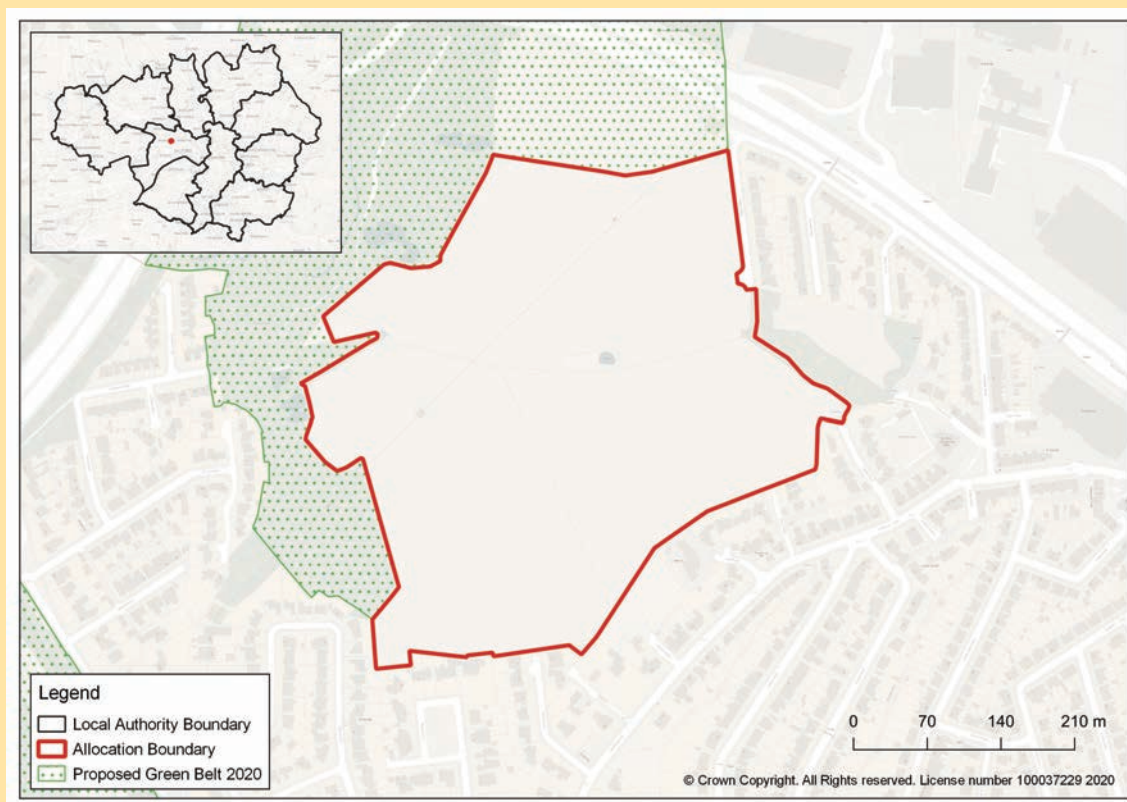


Picture 11.38 Salford District Overview

Land at Hazelhurst Farm

Policy GM Allocation 27

Land at Hazelhurst Farm



Picture 11.39 GMA 27 Land at Hazelhurst Farm

Land at Hazelhurst to the east of the M60 and south of the A580 East Lancashire Road will be developed for around 400 dwellings.

Development of this site will be required to:

1. Be in accordance with a masterplan/framework or Supplementary Planning Document (SPD) that has been developed in consultation with the local community and other stakeholders, and is considered acceptable by the city council, or in the case of an SPD adopted by the city council;
2. Provide an affordable housing scheme equivalent to at least 50% of the dwellings on the site (with an indicative affordable housing tenure split of 37.5% social rented, 37.5% affordable rented and 25% shared ownership), with some of this directed towards off-site provision;

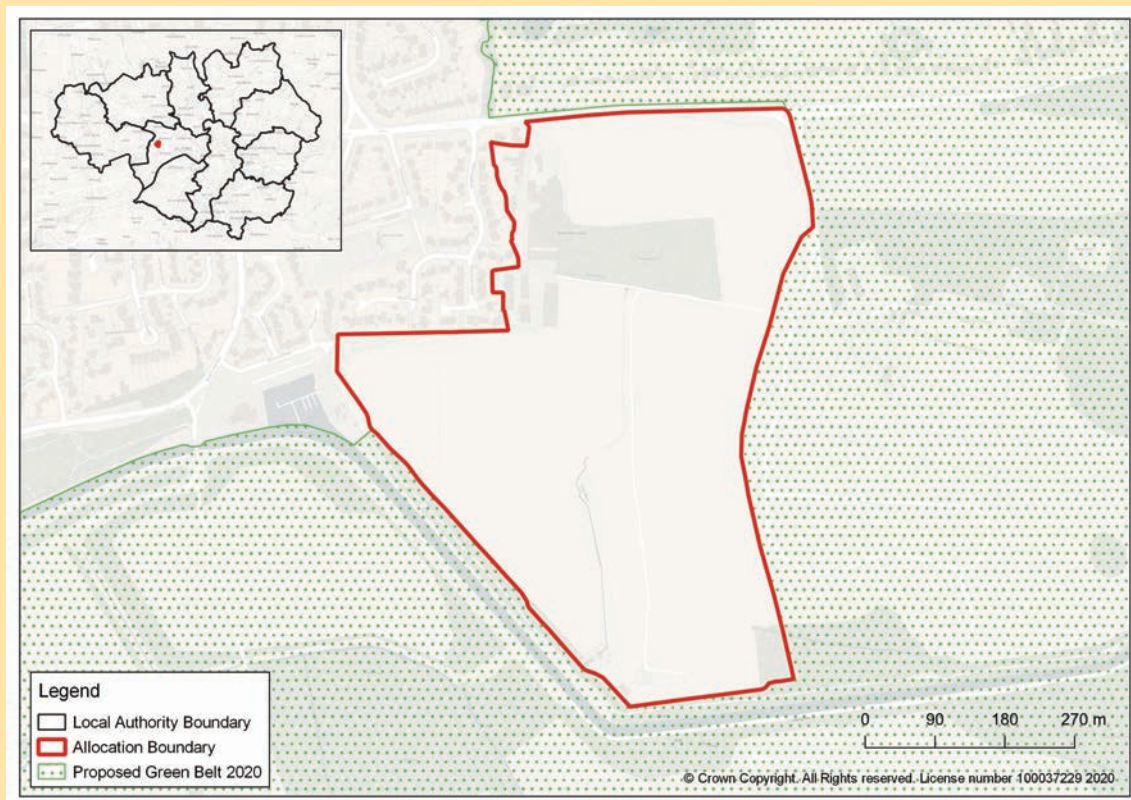
3. Be designed to encourage the use of nearby public transport services, in particular the Leigh-Salford-Manchester bus rapid transit service, with high quality pedestrian and cycling routes and off-site pedestrian crossings that connect all parts of the site to nearby bus stops;
4. Incorporate attractive public rights of way through the site which connect into the wider pedestrian and cycling network providing access to local facilities;
5. Ensure that vehicular access to the site does not have an unacceptable impact on the quality of existing residential areas;
6. Protect the quality of watercourses through and around the site;
7. Respond to the site's location, characteristics and surroundings to take opportunities to incorporate green infrastructure that can most effectively benefit the site and the wider area;
8. Protect and enhance the Worsley Woods Site of Biological Importance to the west of the site;
9. Retain mature woodland, hedgerows, swamp and water bodies as important landscape features within the site, supporting an overall increase in its nature conservation value;
10. Support the objectives for the Great Manchester Wetlands Nature Improvement Area and avoid harm to protected species;
11. Incorporate sustainable drainage systems to mitigate the surface water flooding on the site, while ensuring that there is no adverse impact on the potential for flooding off-site;
12. Provide a buffer for the overhead power lines that run across the site, in accordance with National Grid requirements;
13. Provide mitigation to address noise pollution from nearby roads;
14. Include new allotment plots to meet the local standard unless suitable alternative provision can be made in the local area; and
15. Set aside land to accommodate additional primary school provision, unless it can be demonstrated that sufficient additional school places will be provided off-site within the local area to meet the likely demand generated by the new housing.

11.266 The site benefits from close proximity to stops for the Leigh-Salford-Manchester bus rapid transit service, providing good public transport access to the employment and leisure opportunities in the City Centre. It is important to the sustainable development of the site that it is designed to maximise the use of those services, and this is likely to require some off-site improvements to pedestrian routes to the stops as well as influencing the on-site layout. The landscape features within and around the site are important to the character of the wider area, and their retention will help to differentiate its development and ensure a high quality residential environment. The woods to the west of the site are already designated for their nature conservation importance, and the development should secure further improvements. A desk-based assessment of the site's archaeological interest will be required.

East of Boothstown

Policy GM Allocation 28

Land east of Boothstown



Picture 11.40 GMA 28 East of Boothstown

The area between the existing settlement of Boothstown and the RHS Garden Bridgewater site, between Leigh Road and the Bridgewater Canal, will be developed for around 300 dwellings. The site will be developed at a low density and to an exceptional quality, primarily targeting the top end of the housing market with the intention of attracting and retaining highly skilled workers within Greater Manchester.

Development of this site will be required to:

1. Be in accordance with a masterplan/framework or Supplementary Planning Document (SPD) that has been developed in consultation with the local community and other stakeholders, and is considered acceptable by the city council, or in the case of an SPD adopted by the city council;
2. Provide an affordable housing scheme equivalent to at least 50% of the dwellings on the site (with an indicative affordable housing tenure split of 37.5% social rented, 37.5%

affordable rented and 25% shared ownership), with some of this directed towards off-site provision;

3. Retain Alder Wood and the other areas of mature deciduous woodland and protected trees;
4. Take opportunities to enhance the ecological value of Shaw Brook, including naturalising where practicable and retaining significant open land around it, and utilise the brook as a central landscape feature running through the site;
5. Incorporate a landscaped buffer along the eastern boundary of the site facing RHS Garden Bridgewater;
6. Provide a detailed drainage and flood risk management strategy which addresses the outcomes of the Strategic Flood Risk Assessment, ensuring that development does not increase flood risk elsewhere;
7. Incorporate high quality sustainable drainage systems as part of the green infrastructure for the site and accommodate sufficient space for any necessary flood storage, particularly in the south of the site;
8. Protect the quality of watercourses through and around the site;
9. Support the objectives for the Great Manchester Wetlands Nature Improvement Area and avoid harm to protected species;
10. Ensure good quality access by walking and cycling for all residents to services and facilities in Boothstown and the local area, bus services on the surrounding road network, the Bridgewater Canal and Chat Moss to the south, including through the provision of a high quality network of pedestrian and cycle routes throughout the site; off-site pedestrian crossings and a footpath adjacent to the site on the south side of Leigh Road;
11. Secure further improvements to the path on the north side of the Bridgewater Canal to provide a high quality walking and cycling route to RHS Garden Bridgewater, Worsley Village and Boothsbank Park;
12. Include a new neighbourhood equipped area of play;
13. Retain or replace existing playing fields;
14. Include new allotment plots to meet the local standard unless suitable alternative provision can be made in the local area;
15. Provide an easement for the significant utilities infrastructure running through and near the site;
16. Take its primary access from Occupation Road;
17. Incorporate mitigation to address noise pollution from nearby roads;
18. Conserve and enhance the setting of nearby heritage assets; and
19. Employ methods throughout the construction process that will ensure the potential for archaeology is investigated and any finds safeguarded and properly recorded.

11.267 This site to the east of Boothstown offers one of a small number of opportunities within Greater Manchester to deliver very high value housing in an extremely attractive environment, benefiting not only from an established premium housing market but also a location immediately next to the new RHS Garden Bridgewater which is due to open in 2021. It is essential that the development of the site fully maximises the opportunities presented by

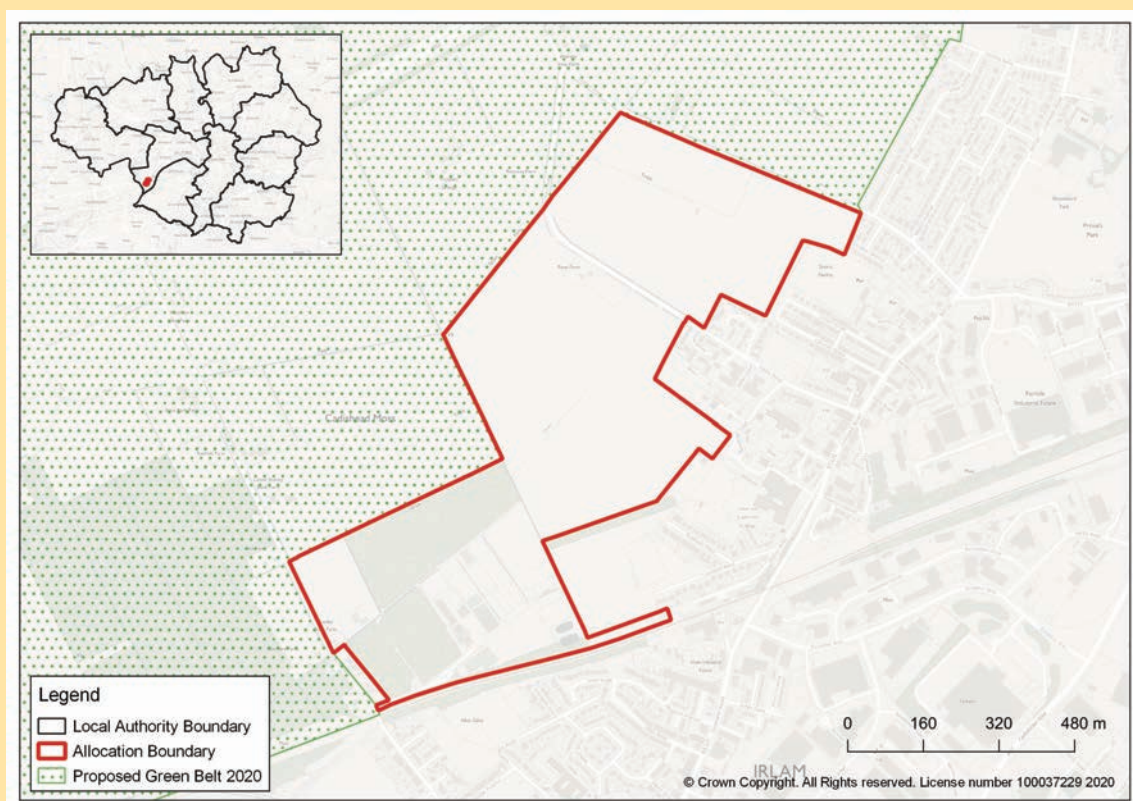
this location, and delivers the highest quality living environment. A lower density of development than would normally be required under Policy GM-H 4 'Density of New Housing' will be acceptable on this site.

- 11.268** Water vole and bird surveys will be required prior to any development, as will a desk-based archaeological assessment of the whole site and an historic building assessment of Boothsbank Farm. The priority for any off-site nature conservation enhancements required to deliver a minimum 10% net gain in biodiversity from the development of the site is likely to be the restoration of lowland raised bog and complementary habitats in Chat Moss to the south.

North of Irlam Station

Policy GM Allocation 29

North of Irlam Station



Picture 11.41 GMA 29 North of Irlam Station

Land North of Irlam Station, between New Moss Road and Roscoe Road, will be developed to provide a high quality extension to the Irlam and Cadishead neighbourhood focused around Irlam Station. The site has capacity for around 1,100 - 1,400 dwellings and associated social and community uses. Subject to the conditions set out in this policy, the site is identified for

1,100 homes. The acceptability of the final 300 potential homes is contingent upon further work and potentially the delivery of enhancements to the wider transport network which create additional capacity to accommodate this volume of further development.

Development of this site will be required to:

1. Be in accordance with a masterplan/framework or Supplementary Planning Document (SPD) that has been developed in consultation with the local community and other stakeholders, and is considered acceptable by the city council, or in the case of an SPD adopted by the city council. Central to the masterplan shall be the consideration of opportunities to restore habitats, strengthen ecological networks, and manage the carbon and hydrological implications of development, having regard to the presence of peat on this site;
2. Be supported by a robust delivery strategy, which is prepared in partnership with key stakeholders and secures the effective delivery of the full masterplan, including transport, green and social infrastructure, affordable housing and planning obligation contributions;
3. Provide a broad mix of housing with densities increasing towards the most accessible parts of the site around Irlam Station, and include accommodation specifically targeted at older people;
4. Provide an affordable housing scheme equivalent to at least 25% of the dwellings, and substantially more if other funding becomes available to allow for this (with an indicative affordable housing tenure split of 37.5% social rented, 37.5% affordable rented and 25% shared ownership);
5. Minimise the loss of the carbon storage function of the peat and undertake a hydrological assessment in order to avoid any adverse impacts on the hydrology of Chat Moss, whilst ensuring that there is no potential for future problems of land stability or subsidence;
6. Incorporate a high quality network of public routes through the site, connected into the wider pedestrian and cycling network that provides access to local facilities, public transport services, New Moss Wood and Chat Moss;
7. Minimise impact on local highways and provide contributions to support the improvement of affected local junctions;
8. Include a new direct pedestrian and cycle route to Irlam Station from the west and enhance cycle parking and car parking facilities at the station;
9. Ensure that vehicular access to the site does not have an unacceptable impact on the quality of existing residential areas;
10. Integrate high levels of green infrastructure throughout the site, including retaining landscape features such as mature trees and hedgerows, so as to minimise the visual impact on the wider landscape, achieve a minimum 10% net gain in biodiversity, mitigate the environmental impacts of development and provide an attractive backdrop to walking and cycling routes;
11. Support the objectives for the Great Manchester Wetlands Nature Improvement Area and avoid harm to protected species;
12. Be supported by breeding and winter bird surveys to understand and minimise any adverse impact on bird species in this area. Surveys of potential compensation areas should also be undertaken to demonstrate that displacement into the wider landscape is possible;

13. Be supported by a project specific Habitats Regulations Assessment for any planning applications involving 50 or more dwellings;
14. Incorporate measures to mimic natural drainage through the use of green sustainable urban drainage to control the rate of surface water run-off;
15. Protect the quality of watercourses through and around the site;
16. Include a new neighbourhood park incorporating an equipped area for play;
17. Include new allotment plots to meet the local standard;
18. Incorporate appropriate mitigation including tree planting to address issues of noise generated by the M62 motorway and the rail line;
19. Set aside land to provide additional school provision, unless it can be demonstrated that sufficient additional school places will be provided off-site within the local area to meet the likely demand generated by the new housing; and
20. Employ methods throughout the construction process that will ensure the potential for archaeology is investigated and any finds safeguarded and properly recorded.

- 11.269** The site has been identified as being appropriate for development due to its location next to Irlam rail station, with services that provide easy access to the huge range of employment and leisure opportunities in the City Centre and Trafford Park. It also benefits from Northbank Industrial Park just to the south and bus routes to Port Salford and Eccles to the east.
- 11.270** The size and location of the site means that it has the potential to accommodate a range of dwelling types, helping to meet a variety of housing needs. Higher densities will be appropriate in the most accessible parts of the site immediately around Irlam Station, in accordance with Policy GM-H 4 'Density of New Housing', helping to maximise the number of people within easy walking distance of the station.
- 11.271** Although the site can accommodate 1,400 new homes, work undertaken to date has only confirmed that the local highway network has capacity to accommodate 1,100. Further work is needed to demonstrate that a further 300 homes can be accommodated; potentially involving additional interventions in the surrounding highway network, particularly linked to Port Salford and the Western Gateway, which will provide additional local and strategic highway capacity.
- 11.272** The additional population will help to support existing shops and services in Irlam and Cadishead, such as the nearby Lower Irlam and Cadishead local centres, but the site could potentially accommodate small scale facilities to serve local needs if identified as appropriate through the masterplanning process. It is anticipated that the site's location and the dwelling types provided will be attractive to families with a resulting demand for additional school places which may, at least in part, need to be accommodated within the site.
- 11.273** The site is currently in multiple ownerships, and will deliver a range of complementary uses alongside residential (such as education, public open space and green infrastructure) and will require infrastructure enhancements. To ensure the allocation is deliverable, it will be essential that a delivery strategy manages different interests effectively and equitably to

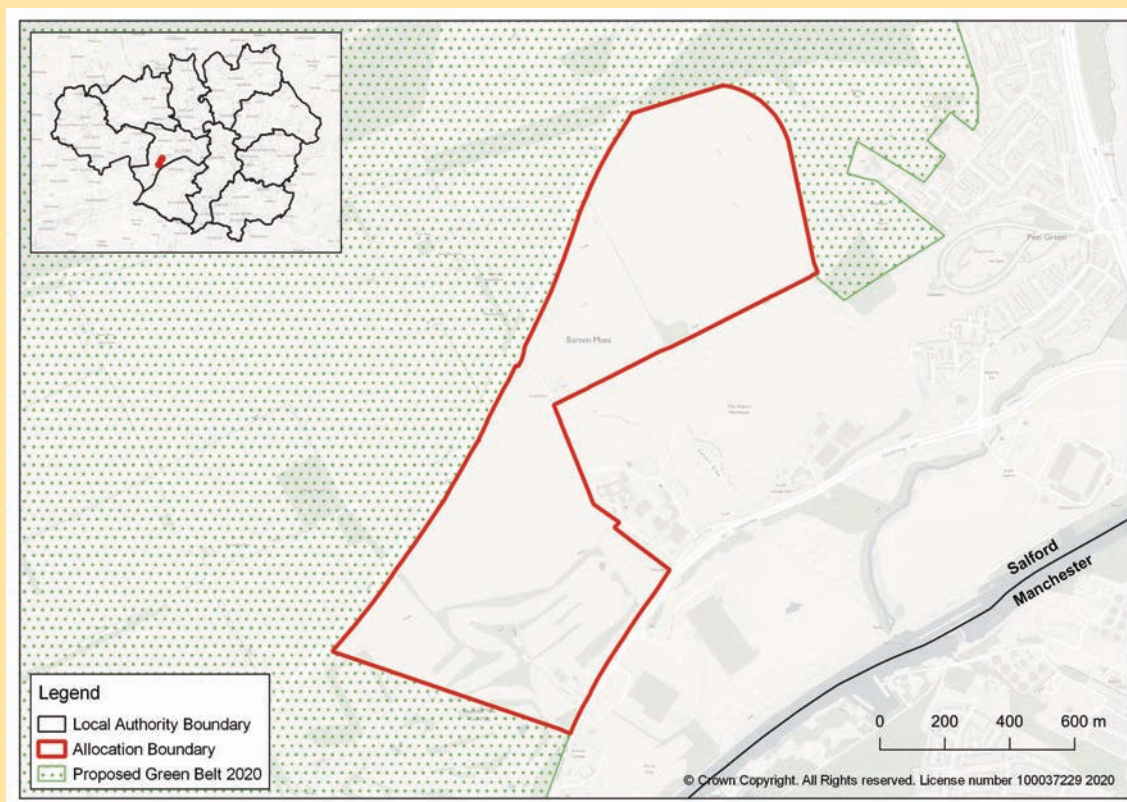
secure delivery of the overall masterplan. This is to avoid a situation in which initial phases do not make adequate provision to support subsequent phases, and in particular the community uses these will include.

- 11.274** It will be important that the design and layout of the site effectively integrates development into the existing area and promotes community cohesion. In particular, publicly accessible recreation space, facilities, and routes through the site onto Chat Moss should be positioned so as to be accessible to both new and existing residents.
- 11.275** Most of the site has significant depths of peat across it, meaning that there will be high costs associated with development on it. The peat on the site has been degraded due to decades of drainage and agricultural activity. Nevertheless, it still performs an important carbon storage function, and should be retained wherever possible. However, this will have to be balanced against the need to ensure that there is no risk of subsidence for development on the site or for surrounding infrastructure such as the M62 motorway. The priority for any off-site nature conservation enhancements required to deliver a minimum 10% net gain in biodiversity from the development of the site is likely to be the enhancement of New Moss Wood, and the restoration of lowland raised bog and complementary habitats in Chat Moss to the north. Much of the site is grade 1 agricultural land, but the benefits of delivering additional housing in this accessible location are considered to outweigh the loss of the land's farming potential. Wider ecological surveys, including water vole, brown hare and birds, will be required prior to any development.
- 11.276** For any planning applications within the boundary of the allocation involving 50 or more dwellings, a project specific Habitats Regulations Assessment will be required given that such developments may lead to traffic increases on the M62 motorway because of their size and relative proximity to the motorway. The M62 passes close to designated European sites known to be susceptible to traffic pollution, particularly nitrate deposition.
- 11.277** The depths of peat heighten the potential for archaeological finds. There will be a need to undertake a detailed archaeological desk-based assessment, including aerial photograph analysis, field walking, historic building assessment, and coring/evaluation trenching of the peatlands, leading to further investigations and recording in advance of and during the construction process.

Port Salford Extension

Policy GM Allocation 30

Port Salford Extension



Picture 11.42 GMA 30 Port Salford Extension

A major expansion of Port Salford accommodating around 320,000 sqm of employment floorspace will be delivered to the north and west of Barton Aerodrome, taking advantage of the new port facilities, rail link and highway improvements that will have been completed as part of the early phases of Port Salford. This will provide one of the most well-connected and market-attractive industrial and warehousing locations in the country, with a strong focus on logistics activities but also incorporating high quality manufacturing floorspace.

Development of this site will be required to:

1. Be in accordance with a masterplan/framework or Supplementary Planning Document (SPD) that has been developed in consultation with the local community and other stakeholders, and is considered acceptable by the city council, or in the case of an SPD adopted by the city council;

2. Involve high levels of community engagement, including through regular liaison meetings convened by the landowner and/or developers;
3. Not be commenced until the rail link, highway improvements, canal berths and container terminal associated with the permitted Port Salford scheme to the south of the A57 have been completed and are operational and there is a clear commitment to the ongoing maintenance and full operation of this transport infrastructure;
4. Be designed to form part of an integrated facility with the Port Salford site to the south of the A57 and associated infrastructure, encouraging and enabling all occupiers to utilise the rail and water connections for freight movement;
5. Deliver necessary highway improvements of a strategic and local nature to cater for the additional traffic created by the expansion of Port Salford in a way that is compatible with any proposals for the enhancement of the wider motorway network and ensures the safe and efficient operation of the local road network;
6. Provide high quality walking and cycling routes from across the site to the bus stops on the A57 and the wider pedestrian and cycling network including Port Salford Greenway;
7. Maximise links to existing public transport services and support new routes and enhanced services as appropriate, including accommodating a potential extension of the Trafford Park Metrolink line to serve Port Salford;
8. Protect the full functioning and operational safety of Barton Aerodrome;
9. Conserve and where appropriate enhance, the significance of surrounding designated and non-designated heritage assets, including by:
 - i. Designing and landscaping the development to minimise any adverse impacts on the setting of Barton Aerodrome and the listed buildings within it; and
 - ii. Where harm to Barton Aerodrome and any heritage asset within it is justified, opportunities shall be sought to better reveal the significance of the heritage asset, securing repairs to them, improving public access to them and/or providing publicly accessible information about them.
10. Justify and provide full compensation for the loss of the golf course in accordance with paragraph 97 of the NPPF (February 2019) or any subsequent revision of national planning policy;

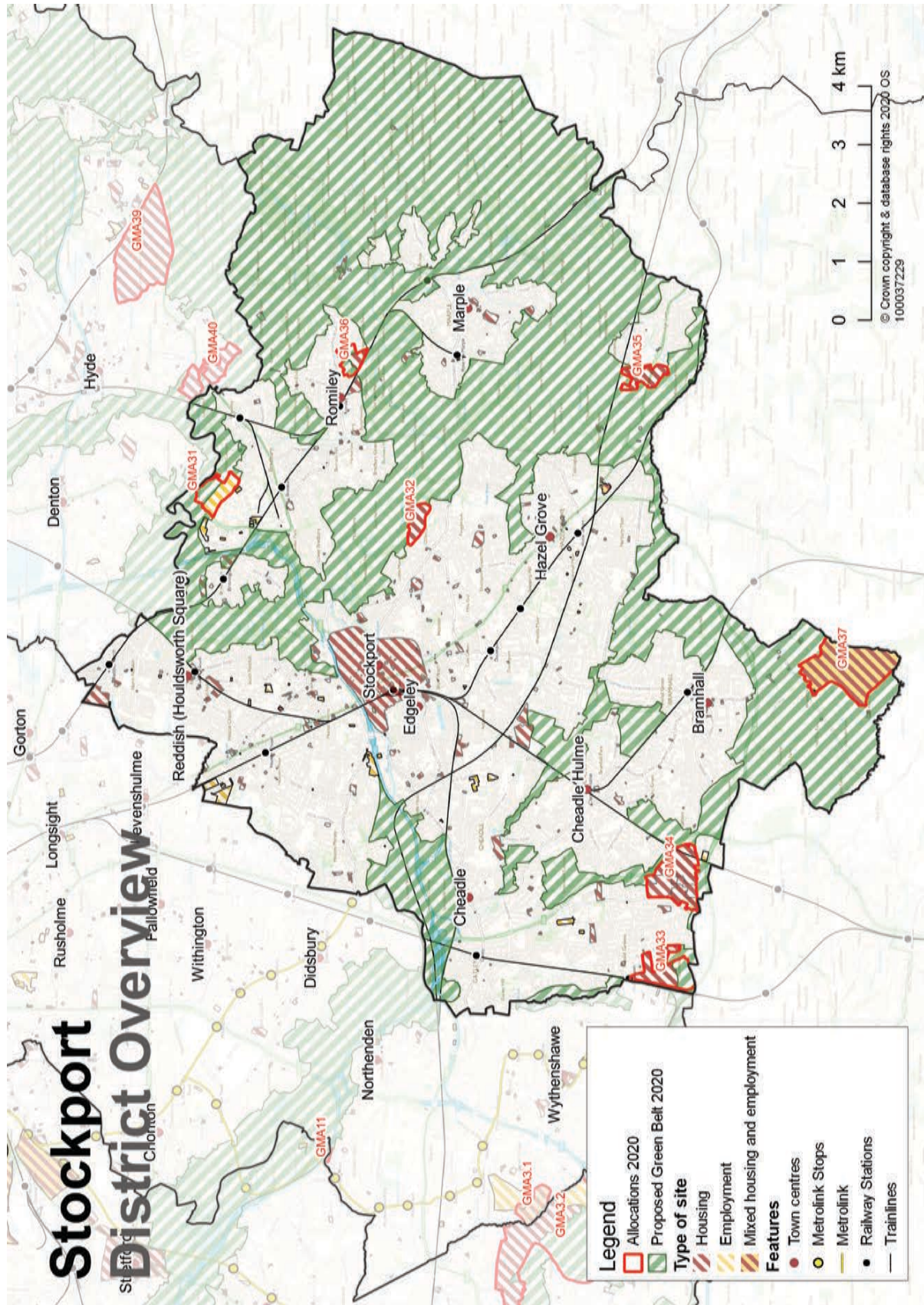
11. Incorporate high levels of landscaping, including the retention or replacement of existing woodland, hedgerows and ponds where practicable, so as to minimise the visual impact on the wider landscape (including on the remaining Green Belt separating the site from Irlam), achieve a minimum 10% net gain in biodiversity and mitigate the environmental impacts of development including noise;
12. Support the objectives for the Great Manchester Wetlands Nature Improvement Area and avoid harm to protected species;
13. Be supported by breeding and winter bird surveys to understand and minimise any adverse impact on bird species in this area. Surveys of potential compensation areas should also be undertaken to demonstrate that displacement is possible into the wider landscape;
14. Protect and enhance surrounding habitats, including the Foxhill Glen Site of Biological Importance;
15. Be supported by a project specific Habitats Regulation Assessment for any planning applications involving a floorspace of 1,000 sqm and above;
16. Mitigate the risk of surface water and groundwater flood risk, incorporating green sustainable drainage systems as part of the landscaping of the site;
17. Minimise the loss of the carbon storage function of the peat and avoid any adverse impacts on the hydrology of surrounding areas of peat/mossland, whilst ensuring that there is no potential for future problems of land stability or subsidence;
18. Protect the quality of watercourses through and around the site;
19. Provide an appropriate buffer to the Barton Moss Secure Care Centre on Barton Moss Road, to protect the privacy and amenity of residents and staff;
20. Implement an agreed strategy for dealing with its local air quality impacts;
21. Give positive consideration to the incorporation of renewable and low carbon energy infrastructure, including the potential for solar panels on buildings; and
22. Employ methods throughout the construction process that will ensure the potential for archaeology is investigated and any finds safeguarded and properly recorded.

11.278 The combination of excellent water, rail and road access, including direct shipping links to the post-panamax facility at the Port of Liverpool, will make Port Salford one of the most attractive locations in the country for industrial and warehousing development. An initial phase of development to the south of the A57 will provide around 150,000 sqm of primarily warehousing floorspace in total. Enabling its expansion to the north of the A57 to provide

an additional 320,000 sqm of floorspace will help to significantly boost the competitiveness of Greater Manchester, offering the type of site that can compete with locations internationally for investment. The transport connections mean that the location is particularly attractive for logistics activities, but high quality manufacturing could also be provided in order to diversify the employment and investment opportunities in this part of Greater Manchester. Much of the site is grade 1 agricultural land, but the unique economic opportunity provided by the location is considered to outweigh the loss of the land's farming potential.

- 11.279** One of the key attributes of Port Salford is its potential to remove freight from roads and move it more sustainably by rail and water, and it will be vital that any development of the site takes advantage of this by utilising the infrastructure delivered as part of the permitted scheme. Nevertheless, the expansion of Port Salford will generate significant additional traffic and highway improvements to cater for these demands should be delivered as part of the site's development. The ongoing North West Quadrant Study, commissioned by Highways England, is investigating the options for broader motorway network improvements in this area, and it will be important to coordinate the development of Port Salford with any resulting proposals.
- 11.280** The retention of the Green Belt to the west and east of the site will help to prevent the coalescence of Irlam and Eccles. It will be important to make positive use of this Green Belt, including by expanding the facilities at Brookhouse Playing Fields to the east, and there may be opportunities to retain/reconfigure the former golf course to the west of the site. Even with the retention of part of the Green Belt, the scale of the development is likely to have a significant visual impact, and it will be very important for it to be integrated into the landscape as far as possible, particularly through the provision of high quality green infrastructure.
- 11.281** Barton Aerodrome (City Airport and Heliport) to the south of the site is an important facility for Greater Manchester, as well as being a significant heritage asset. The expansion of Port Salford will need to be designed so that it does not adversely impact on its successful functioning, taking into account any safeguarding requirements for flight paths, and ensure that any harm to the setting of the heritage assets is minimised. In particular, careful consideration will need to be given to the siting and orientation of units, the choice and colour of materials, and the landscaping scheme adopted.
- 11.282** The priority for any off-site nature conservation enhancements required to deliver a minimum 10% net gain in biodiversity from the development of the site is likely to include the enhancement of Foxhill Glen Site of Biological Importance, ecological enhancements to remaining areas of Green Belt to the site's south western and north eastern boundaries and the restoration of lowland raised bog and complementary habitats in Chat Moss to the north. Wider ecological surveys, including water vole, brown hare, great crested newts and birds, will be required prior to any development. For any planning applications within the boundary of the allocation involving a floorspace of over 1,000 sqm, a project specific Habitats Regulations Assessment will be required given that such developments may lead to traffic increases on the M62 motorway because of their size and relative proximity to the motorway. The M62 passes close to designated European sites known to be susceptible to traffic pollution, particularly nitrate deposition.

- 11.283** The depths of peat heighten the potential for archaeological finds. There will be a need to undertake a detailed archaeological desk-based assessment, including aerial photograph analysis, field walking, historic building assessment, and coring/evaluation trenching of the peatlands, leading to further investigations and recording in advance of and during the construction process.

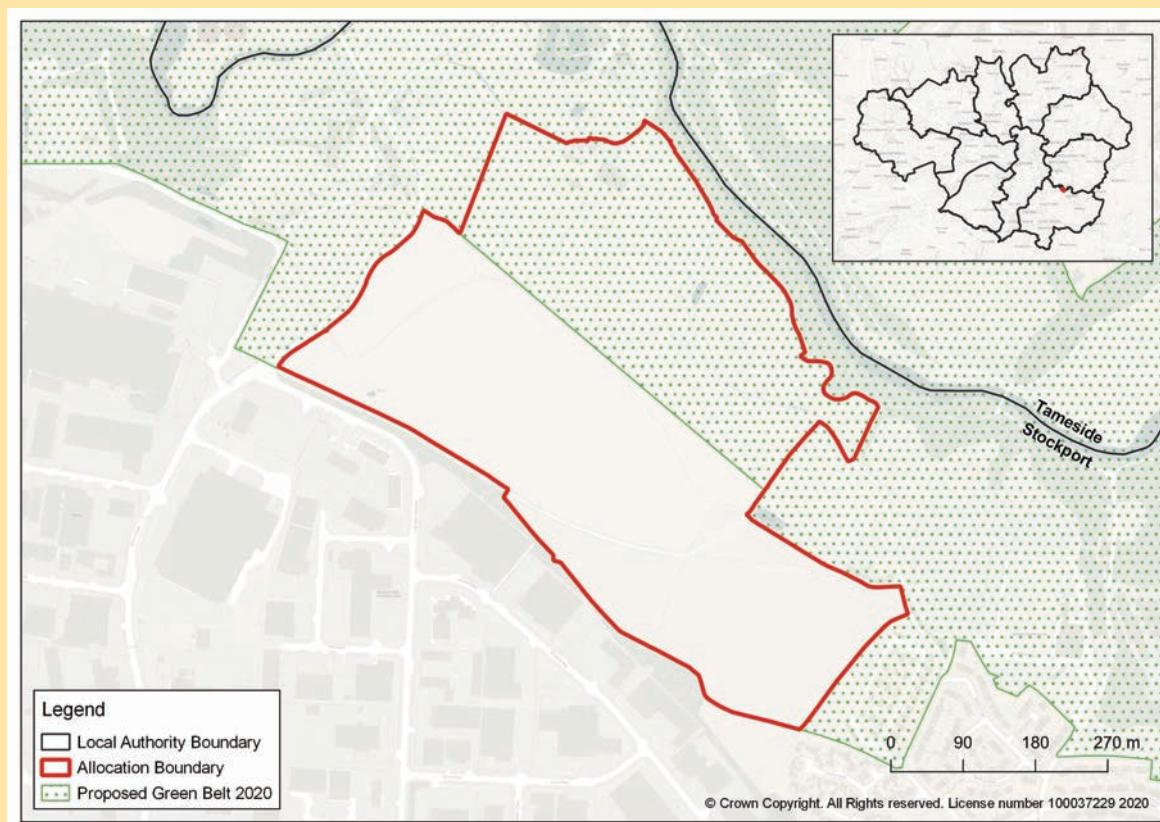


Picture 11.43 Stockport District Overview

Bredbury Park Extension

Policy GM Allocation 31

Bredbury Park Extension



Picture 11.44 GMA 31 Bredbury Park Extension

The development of the site will be required to:

1. Deliver around 60,000 sqm of B2 (Industry) and B8 (Warehouse) floorspace with a range of unit sizes;
2. Be preceded by a comprehensive masterplanning exercise approved by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development;
3. Secure an appropriate proportion of training and employment opportunities at all stages of the development for local people, including a Training and Employment Management Plan to be approved by the local authority;
4. Provide main vehicular access to the site via Bredbury Parkway;
5. Fully mitigate the development traffic impact on the A6017 Ashton Road and the M60 Junction 25 including increased use of the northbound on slip by HGV traffic;

6. Provide appropriate pedestrian, cycle and public transport access to the site from surrounding residential areas including an improved link from Brinnington over the M60;
7. Provide pedestrian and cycle access within the site and linkages to Stockport Sports Village as well as improved cycling and walking links to adjacent local communities in Stockport and Tameside;
8. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport along with direct and high quality pedestrian and cycle routes in the area;
9. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
10. Ensure boundary treatments reflect local characteristics and include the planting of a new generation of mature native hedgerows and trees;
11. Include the creation of a retained Green Belt buffer zone that will manage the transition, minimise the impact on the Tame Valley and safeguard views creating strong defensible boundaries at the edge of the developable area and the new Green Belt boundary;
12. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness particularly of the Tame Valley;
13. Protect and enhance biodiversity interests, securing opportunities to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity'; both within Stockport and neighbouring areas;
14. Be designed to minimise any adverse impacts on the remaining Green Belt, including a comprehensive and high quality landscaping scheme (minimising tree loss and mitigating for any unavoidable loss of trees with significant levels of mature tree planting), provision of a wildlife corridor linking land to the north and east of the site with the existing wildlife corridor at the southern boundary and a detailed scheme for external illumination at the site which shows how light pollution will be controlled;
15. Remediate the former landfill under part of the site to ensure that the development is safe for future occupants and to avoid any associated environmental and health risks to adjoining areas;
16. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable urban drainage systems, mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring there are no negative impacts on the water quality of the surrounding watercourses; and
17. Protect and enhance heritage and archaeological assets and their setting within the surrounding area including the Grade II listed buildings, Castle Hill Farmhouse, Arden Hall and Arden Hall Barn.

11.284 The land forms an extension to the existing successful employment area, providing an ideal site for the sort of large scale units which market demand indicates are required in Stockport and which no other sites currently offer. This provides the opportunity to deliver much needed jobs in the locality and to build upon the success of the nearby existing employment area,

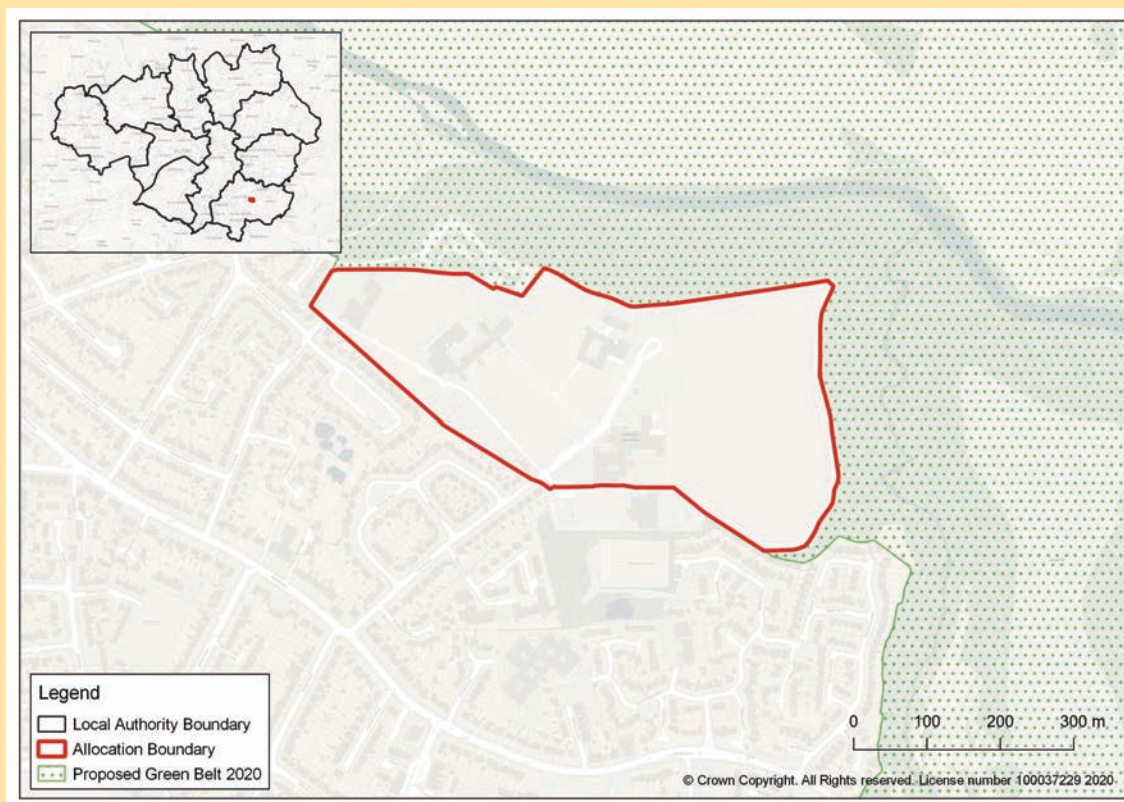
taking advantage of the benefits of employment conglomeration. The site is closely located to areas of deprivation in Stockport and Tameside and, with the appropriate training and employment opportunities, development will help to deliver jobs that will help to address deprivation issues.

- 11.285** The site is located close to Junction 25 of the M60, providing excellent access to the motorway network.
- 11.286** The site is within the Tame Valley and Brinnington East Landscape Character Area. In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.
- 11.287** The site provides natural and defensible boundaries with the impact on the local area to be mitigated by appropriate landscaping.
- 11.288** There are existing traffic congestion issues around the Stockport Sports Village, to the south-east of the site, caused by the provision of only one access road into and out of the area via Mill Lane onto the A560. This allocation provides the opportunity to deliver an alternative route to and from the Sport Village, alleviating the significant issues which affect residents in that area.
- 11.289** There are a number of other allocations within relatively close proximity of the allocation which are likely to impact on the Local Road Network. Therefore, the transport impacts of the allocation need to be considered cumulatively with Policy GM Allocation 36 'Hyde Bank Meadows / Oak Wood Hall', plus the three GMSF allocations within Tameside; Policy GM Allocation 38 'Ashton Moss West', Policy GM Allocation 39 'Godley Green Garden Village', and Policy GM Allocation 40 'South of Hyde'. A number of transport interventions will help to mitigate the impact on roads in the vicinity of the allocation, within both Stockport and Tameside.
- 11.290** An assessment of the transport implications and impacts of the proposed development along with potential interventions to mitigate them is set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.291** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.292** Castle Hill Farmhouse, Arden Hall and Arden Hall Barn are Grade II Listed Buildings sited to the west of the allocation. There are a number of other non-designated heritage assets both within and in close proximity to the allocation. Any development of the allocation will be required to respect the setting of these heritage assets and capitalise on opportunities to draw on the contribution that they make to the character of the area. The completion of a Heritage Impact Assessment will be required.

Former Offerton High School

Policy GM Allocation 32

Former Offerton High School



Picture 11.45 GMA 32 Former Offerton High School

The development of this site will be required to:

1. Deliver around 185 homes on the site;
2. Make provision of a minimum of 20% affordable housing on site, providing a range of housing types, including older persons' affordable accommodation and an appropriate level of wheelchair user dwellings;
3. Make provision for at least 5 custom/self-build plots within the site;
4. Be preceded by a comprehensive masterplanning exercise approved by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development;
5. Provide vehicular and pedestrian access points to the site from The Fairway and from Curzon Road, including provision of suitable junction improvements;
6. Provide comprehensive traffic calming on estate roads between the site and Marple Road to mitigate traffic impact;

7. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport along with direct and high quality pedestrian and cycle routes in the area;
8. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
9. Make provision for a range of suitable and publicly accessible open space and green infrastructure within the site;
10. Ensure a high quality of design, creating visually attractive development, which establishes a strong sense of place by means of architecture, layout, landscaping and materials;
11. Be designed to minimise any adverse impacts on the remaining Green Belt, including the use of landscaping and carefully designed buffer zones that will manage the transition, and create strong defensible boundaries at the edge of strategic allocations and the new Green Belt boundary;
12. Ensure boundary treatments reflect local characteristics and include the planting of a new generation of mature native hedgerows and trees;
13. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness;
14. Protect and enhance biodiversity interests, through securing measures to improve linkages and habitat value within and between the Goyt Valley section of the ecological corridor. This could be through retaining and enhancing existing landscape and natural features (e.g. trees, hedgerow, watercourses, water bodies, pollination species and priority habitats) in order to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
15. Make an appropriate contribution towards the provision of new community facilities in the Offerton area;
16. Provide additional SEND places in a new building on the site through expansion of the existing Lisburne School;
17. Contribute towards the provision of additional school places and health provision generated by the development; and
18. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable drainage systems. Surface water should be managed as close to its source as possible and on the surface where practicable to do so. Measures such as rainwater recycling, green roofs, water butts and permeable surfaces will be encouraged mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring potential is minimised for urban diffuse pollution to affect the surrounding watercourses and water bodies.

11.293 The site allocation totals 16.9 hectares and comprises the Dialstone Recreation Centre and the former Offerton High School to the west of the site.

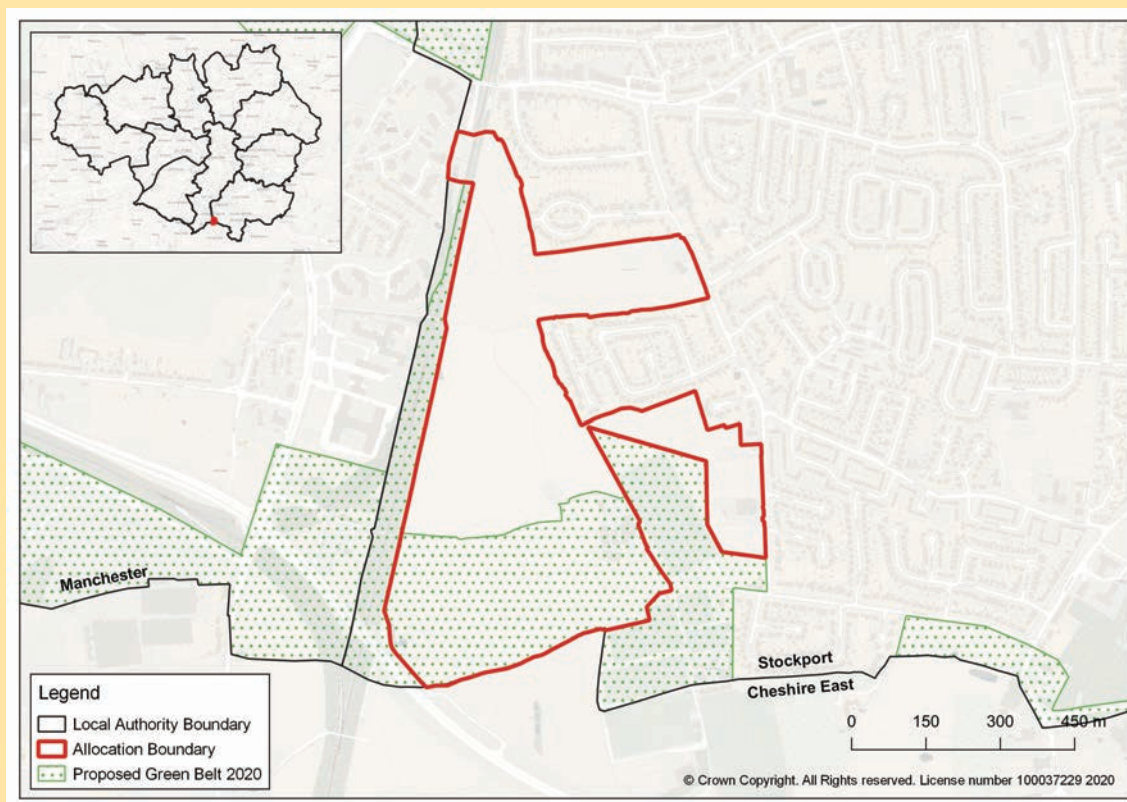
11.294 The east of site contains education facilities to be retained with the remainder of the site to be redeveloped for residential purposes.

- 11.295** It is located at the edge of the existing built up area and comprises a significant element of previously-developed land, as well as enjoying good connectivity to the Offerton area. The site is to the south of the Goyt Valley which presents a defensible amended Green Belt boundary.
- 11.296** The site is within the Goyt Valley Landscape Character Area. In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.
- 11.297** This forms part of a wider regeneration strategy in which the site will be brought forward in conjunction with the land at Blackstone Road Open Space as part of an ongoing regeneration strategy for the Offerton area, which will help to deliver a range of housing (around an additional 65 dwellings), a new leisure centre to address local need and community facilities (including, but not necessarily limited to, a library and health facilities).
- 11.298** The redevelopment of this site and the site at Blackstone Fields provides not only the opportunity to deliver new housing, but will also enable a replacement SEND school and community facilities to be provided, as well as providing opportunities for enhancing access and making improvements to the Green Belt.
- 11.299** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.300** The provision of affordable housing in this area will help to address the significant shortfall of such dwellings in this area of Stockport.
- 11.301** An assessment of the transport implications and impacts of the proposed development along with potential interventions to mitigate them is set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.302** Open space should be provided, with reference to latest information available and local plan policies as the minimum requirement for the site.

Heald Green 1 (West)

Policy GM Allocation 33

Heald Green 1 (West)



Picture 11.46 GMA 33 Heald Green 1 (West)

Development of the site will be required to:

1. Deliver around 850 homes on the site, with a mix of housing types, and with higher densities towards the north and west of the site, particularly in proximity to Heald Green station;
2. Make provision of a minimum of 30% affordable housing on site and across a range of housing types, including provision for all age affordable accommodation;
3. Make provision for at least 9 custom/self-build plots within the site;
4. Be preceded by a comprehensive masterplanning exercise approved by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development;
5. Ensure a high quality of design, creating visually attractive development, which establishes a strong sense of place by means of architecture, layout, landscaping and materials;

6. Provide vehicular and pedestrian access points to the site from Outwood Road, with emergency access and cycling and walking access provided to the north of the site via Finney Lane;
7. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport, along with direct and high quality pedestrian and cycle routes in the area;
8. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
9. Ensure boundary treatments reflect local characteristics and include the planting of a new generation of mature hedgerows and trees;
10. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness;
11. Protect and enhance biodiversity interests, through securing measures to improve linkages and habitat value within the site. This could be through retaining and enhancing existing landscape and natural features (e.g. trees, hedgerow, watercourses, water bodies, pollination species and priority habitats) in order to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
12. Be designed to minimise any adverse impacts on the remaining Green Belt, including the use of landscaping and carefully designed buffer zones that will manage the transition, and create strong defensible boundaries between the edge of strategic allocations and the new Green Belt boundary;
13. Significantly enhance the value of existing community facilities within the allocation, meeting the needs of existing and new residents of the area, including providing a new or improved community hall alongside appropriate community open space;
14. Make provision for high quality, suitable and publicly accessible open space and green infrastructure within the site;
15. Provide high quality, new and enhanced playing pitches, with suitable changing room facilities and parking, to replace those lost to development;
16. Make provision for allotments and/or a community orchard to the south of the residential development area;
17. Accommodate and contribute to the delivery of a bus rapid transit route through the site, including provision of suitable entry/exit points at the site boundary and a high quality busway through the site, including stops, either segregated from or with priority over other road users;
18. Suitable mitigation measures to be made on all dwellings and other buildings in the development to address the impact of noise pollution resulting from flights to and from Manchester Airport. Development should ensure there will be no adverse effects on the operational integrity or safety of Manchester Airport;
19. Make provision for a new cycle and footpaths to connect with the existing local network (including the Heald Green Station), within and outwith the site, including the provision of routes out of and into the site from the all directions ensuring integration with existing local area;
20. Contribute towards additional health provision needs generated by the development;

21. Contribute as appropriate towards the provision of additional school places at Bolshaw Primary School (which is located within the allocation) together with financial contributions for offsite provision to meet needs generated by the development;
22. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable drainage systems. Surface water should be managed as close to its source as possible and on the surface where practicable to do so. Measures such as rainwater recycling, green roofs, water butts and permeable surfaces will be encouraged mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring potential is minimised for urban diffuse pollution to affect the surrounding watercourses and water bodies; and
23. Protect and enhance heritage and archaeological assets and their setting within the surrounding area.

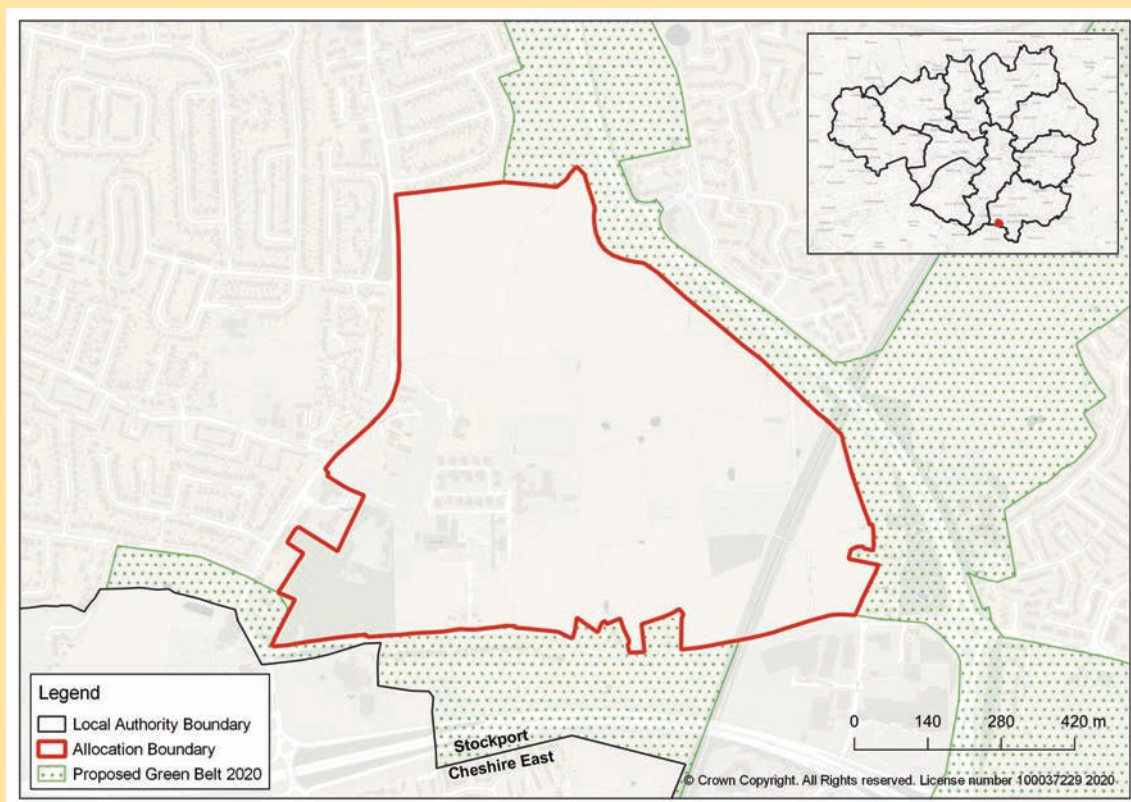
- 11.303** The site is very well located, close to Heald Green railway station and the centre of Heald Green, as well as the significant employment centre at and around Manchester Airport, making this a very accessible site within the Green Belt.
- 11.304** The site is well connected to Manchester Airport through walking, cycling and rail, and to the wider area via road and rail and these routes should be protected and enhanced. The site's connectivity will further be enhanced by the proposed Bus Rapid Transit (BRT) route through the site, linking the Airport and Hazel Grove via a number of other housing and employment areas.
- 11.305** An assessment of the transport implications and impacts of the proposed development along with potential interventions to mitigate them is set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.306** The site is relatively flat and provides the opportunity to deliver higher density residential development around the railway station area. In addition, the site provides the opportunity to deliver much-needed all-age accommodation, as identified in the most recent Housing Needs Assessment and as promoted in the Council's "All Age Living Prospectus – Healthy, Happy, Homes".
- 11.307** The railway station links to both the nearby airport and to the city centre providing good access to significant numbers of jobs for new residents.
- 11.308** Existing local schools will need to be expanded to respond to the increasing educational demands in the area.
- 11.309** Access into the site for the majority of vehicular traffic will be via Outwood Road and this provides the opportunity to provide improved community facilities within the site.
- 11.310** The provision of a SUDS specific design provides the opportunity to address concerns over surface water flooding in the area.

- 11.311** The proximity of the site to airport means that the buildings on site will be required to be suitably designed and constructed to minimise the impact of aircraft noise on residents and those using other buildings on site, as well as safeguarding aircraft safety.
- 11.312** The provision of affordable housing in this area is vital to help address the significant shortfall of affordable housing provision, which exists within Stockport, particularly in this area. This includes the opportunity to deliver suitable residences that will accommodate the growing need for all-age properties to address the needs of an aging population in Stockport, as promoted in the Council's "All Age Living Prospectus – Healthy, Happy, Homes".
- 11.313** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.314** There are existing pitches that lie within the development area of the site to be removed from the Green Belt. Along with suitable open space provision within the site new pitches and supporting facilities will be provided in land to be retained as Green Belt. Alongside these new allotments or other community open space can be provided. Both this and the improved pitch provision will be of benefit to both new and existing residents of the local area.
- 11.315** The site is within the Heald Green Fringe Landscape Character Area. In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.
- 11.316** There are a number of non-designated heritage assets within the allocation. Any development of the allocation will be required to respect the setting of these heritage assets and capitalise on opportunities to draw on the contribution that they make to the character of the area. The completion of a Heritage Impact Assessment will be required.
- 11.317** Open space should be provided, with reference to latest information available and local plan policies as the minimum requirement for the site.

Heald Green 2 (East)

Policy GM Allocation 34

Heald Green 2 (East)



Picture 11.47 GMA 34 Heald Green 2 (East)

Development of the site will be required to:

1. Deliver around 850 homes on the site, including higher densities around the proposed transport hub on the site. This figure includes the 325 units already granted permission on the land owned by the Seashell Trust;
2. Make provision of a minimum of 30% affordable housing on site and across a range of housing types, including provision for older persons' affordable accommodation;
3. Make provision for at least 7 custom/self-build plots within the site;
4. Be preceded by a comprehensive masterplanning exercise approved by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development, including the existing permissioned element;
5. Ensure a high quality of design, creating visually attractive development, which establishes a strong sense of place by means of architecture, layout, landscaping and materials;

6. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
7. Make provision for upgraded cycle and footpaths within the site and new cycle and footpaths to connect with the existing local network;
8. Accommodate and contribute to the delivery of a bus rapid transit route through the site, including provision of suitable entry/exit points at the site boundary and a high quality busway through the site, including stops, either segregated from or with priority over other road users;
9. Enable the delivery of a new railway station at Stanley Green, to be agreed with Network Rail and other appropriate bodies, alongside appropriate park and ride provision to function as a transport interchange between road, rail and bus rapid transit and ensure its delivery to serve the future residential development within an early phase as identified by the approved masterplan;
10. Provide ancillary retail and other appropriate uses to serve users of the new transport interchange;
11. Provide access points from a new high standard link between the A34 Eden Point roundabout to the east and to Wilmslow Road to the west. Access also to be provided to the south of the site with regard being given to the need for alternatives to the current substandard Stanley Road railway bridge;
12. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport, along with direct and high quality pedestrian and cycle routes in the area;
13. Protect and enhance biodiversity interests, securing opportunities to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
14. Designed to minimise any adverse impacts on the remaining Green Belt, including the use of landscaping and carefully designed buffer zones that will manage the transition, and create strong defensible boundaries at the edge of strategic allocations and the new Green Belt boundary;
15. Ensure boundary treatments reflect local characteristics and include the planting of a new generation of mature hedgerows and trees within the site;
16. Make provision for a range of suitable and publicly accessible open space and green infrastructure within the site;
17. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness;
18. Be designed to mitigate the impact of poor air quality to within acceptable limits, taking into account the Air Quality Management Area off the A34 and any potential future Clean Air Zone. An air quality impact assessment will be required in accordance with the Institute of Air Quality Management (IAQM). Future development will be expected to adopt mitigation principles as laid out in the IAQM guidance for 'Planning for Air Quality' and Policy GM-S 6 'Clean Air';
19. Contribute towards the provision of additional school places and health provision generated by the development;

20. Make an appropriate contribution towards the provision of new community facilities in the local area;
21. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable urban drainage systems, mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring there are no negative impacts on the water quality of the surrounding watercourses; and
22. Protect and enhance heritage and archaeological assets and their setting within the surrounding area including the Grade II listed structures Griffin Farm and Stanley Hall Farm.

- 11.318** This relatively flat site has good connectivity sitting adjacent to the A34, providing the opportunity to deliver transport solutions to the area by way of a transport hub based around a new railway station within the site. Land within the site already benefits from a permission for 325 units related to the Seashell Trust.
- 11.319** It is acknowledged that the A34 and surrounding roads already suffer from significant levels of congestion and resulting poor air quality. The provision of a new station within the site could help to address this.
- 11.320** The provision of a new rail station, combined with a park and ride scheme and the introduction of a bus rapid transit system through the site would encourage fewer people to travel by car along the A34, thus helping to reduce traffic congestion along that route and at junctions associated with it. Local transport modelling will be required to assess the residual impact on the A34 and to identify ways to mitigate this as part of the development.
- 11.321** An assessment of the transport implications and impacts of the proposed development along with potential interventions to mitigate them is set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.322** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.323** The site is within the Heald Green Fringe Landscape Character Area. In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.
- 11.324** The provision of affordable housing in this area is vital to help address the significant shortfall of affordable housing provision that exists within Stockport, particularly in this area.
- 11.325** The Grade II listed building Griffin Farm is located within the allocation whilst the similarly listed Stanley Hall Farm is located close to its southern boundary. There are a number of other non-designated heritage assets both within and in close proximity to the allocation.

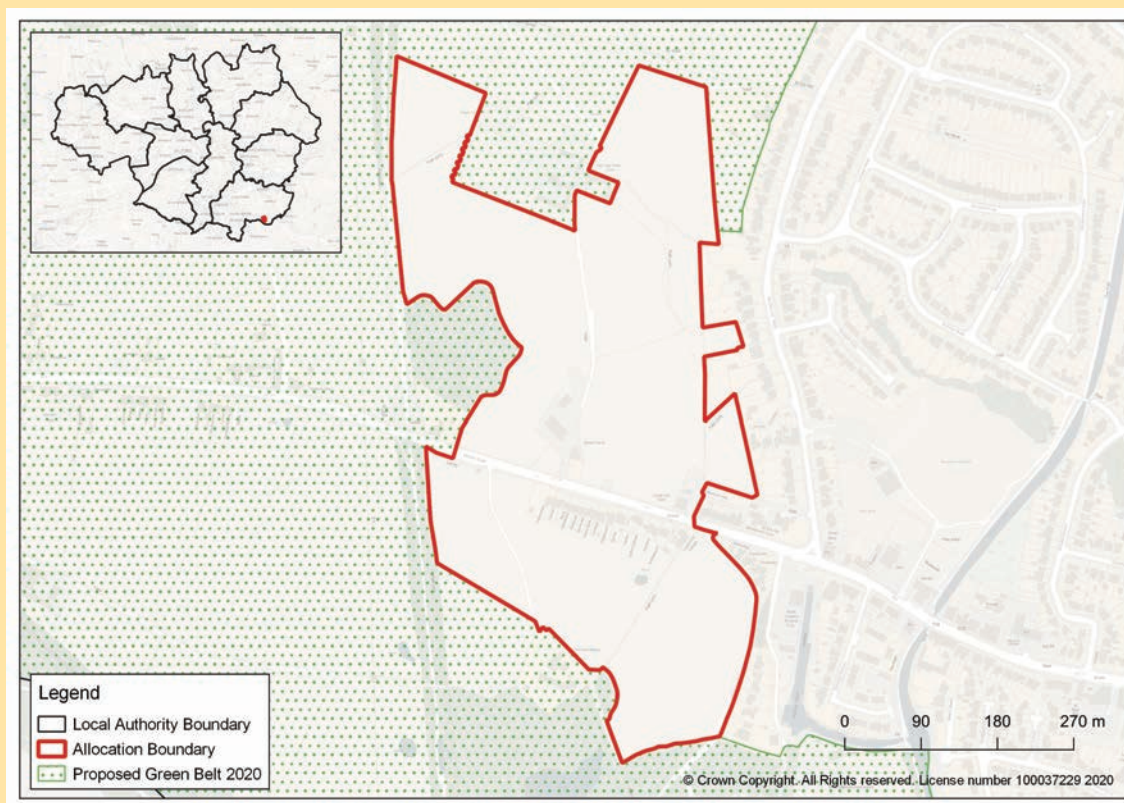
Any development of the allocation will be required to respect the setting of these heritage assets and capitalise on opportunities to draw on the contribution that they make to the character of the area. The completion of a Heritage Impact Assessment will be required.

- 11.326** Open space should be provided, with reference to latest information available and local plan policies as the minimum requirement for the site.

High Lane

Policy GM Allocation 35

High Lane



Picture 11.48 GMA 35 High Lane

Development of the site will be required to:

1. Deliver around 500 homes on the site of which a minimum of 150 shall be for older persons, delivered as all-age accommodation;
2. Make provision of a minimum of 30% affordable housing on site and across a range of housing types, including provision for all age affordable accommodation;
3. Make provision for at least 7 custom/self-build plots within the site;

4. Be preceded by a comprehensive masterplanning exercise approved by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development;
5. Ensure a high quality of design, creating visually attractive development, which establishes a strong sense of place by means of architecture, layout, landscaping and materials;
6. Provide suitable access points from the A6 to the areas north and south of that road;
7. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport along with direct and highly quality pedestrian and cycle routes in the area. This will include contributions to high quality bus waiting facilities on the A6 and to possible development of a new railway station at High Lane, to be agreed with Network Rail and other appropriate bodies;
8. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
9. Contribute towards the provision of additional school places and health provision generated by the development;
10. Make an appropriate contribution towards the provision of new community facilities in the High Lane area;
11. Make provision for suitable and publicly accessible open space and green infrastructure within the site;
12. Make provision for new cycle and footpaths to connect with the existing local network, including routes to/from the Middlewood Way, ensuring that existing routes within and across the site are retained;
13. Be designed to minimise any adverse impacts on the remaining Green Belt, including the use of landscaping and carefully designed buffer zones that will manage the transition, and create strong defensible boundaries between the edge of strategic allocations and the new Green Belt boundary;
14. Ensure boundary treatments reflect local characteristics and include the planting of a new generation of mature native hedgerows and trees;
15. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness;
16. Protect and enhance biodiversity interests, through securing measures to improve linkages and habitat value within the site. This could be through retaining and enhancing existing landscape and natural features (e.g. trees, hedgerow, watercourses, water bodies, pollination species and priority habitats) in order to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
17. Promote and protect important views into Cheshire East including Lyme Park;
18. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable drainage systems. Surface water should be managed as close to its source as possible and on the surface where practicable to do so. Measures such as rainwater recycling, green roofs, water butts and permeable surfaces will be encouraged mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring

potential is minimised for urban diffuse pollution to affect the surrounding watercourses and water bodies; and

19. Protect and enhance heritage and archaeological assets and their setting within the surrounding area including the Grade II listed structures Marsden House, Mile Post at the junction of Buxton Road and Middlewood Road, Macclesfield Canal Bridges Nos. 11 and 12 and the Macclesfield Canal Conservation Area.

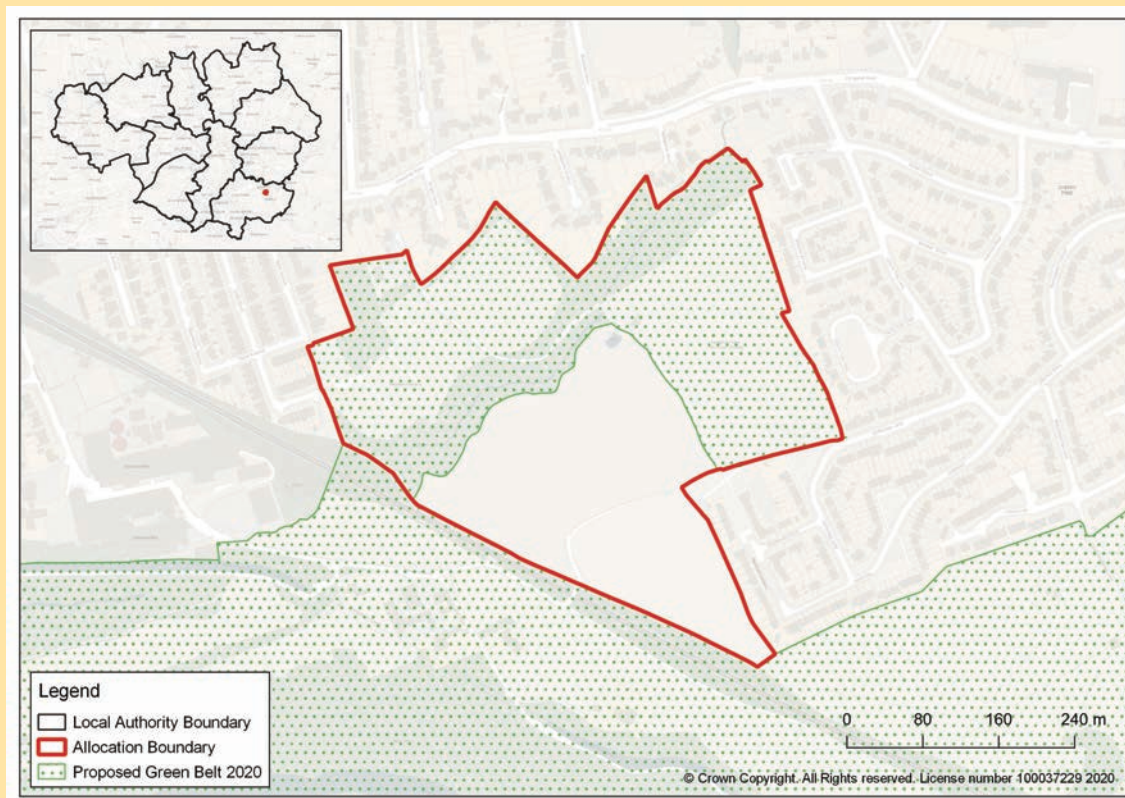
- 11.327** The site is close to the existing centre of High Lane and lies adjacent to that settlement, providing good access to a variety of local services.
- 11.328** The site provides a number of defensible boundaries to protect from further encroachment into the Green Belt. Open space should be provided, with reference to latest information available and local plan policies as the minimum requirement for the site.
- 11.329** The site is within the Ladybrook Valley and Hazel Grove High Lane Landscape Character Areas. In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.
- 11.330** The site provides an excellent opportunity to meet much-needed all-age accommodation, as identified in the most recent Housing Needs Assessment for the area and as promoted in the Council's "All Living Age Prospectus - Healthy, Happy, Homes". The lack of provision of housing and care for the elderly in this area can be addressed by delivering housing focused on that need, alongside the delivery of specific elderly care provision elsewhere. This can be delivered alongside other market and affordable housing to enable a sustainable mixed-use community to develop.
- 11.331** The provision of affordable housing in this area is vital to help address the significant shortfall of affordable housing provision that exists within Stockport, particularly in this area and all-age accommodation.
- 11.332** An assessment of the transport implications and impacts of the proposed development along with potential interventions to mitigate them is set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.333** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.334** The Grade II listed structures Marsden House, Mile Post at the junction of Buxton Road and Middlewood Road, Macclesfield Canal Bridges Nos. 11 and 12 and the Macclesfield Canal Conservation Area are heritage assets located close to the allocation boundary. There are a number of other Locally Listed and non-designated heritage assets both within and in close proximity to the allocation. Any development of the allocation will be required to respect the

setting of these heritage assets and capitalise on opportunities to draw on the contribution that they make to the character of the area. The completion of a Heritage Impact Assessment will be required.

Hyde Bank Meadows

Policy GM Allocation 36

Hyde Bank Meadows / Oak Wood Hall



Picture 11.49 GMA 36 Hyde Bank Meadows

Development of this site will be required to

1. Deliver around 250 homes on the site, providing an appropriate mix and range of housing types;
2. Make provision of a minimum of 30% affordable housing on site and across a range of housing types, including provision for older persons' affordable accommodation;
3. Make provision for at least 3 custom/self-build plots within the site;
4. Be preceded by a comprehensive masterplanning exercise agreed by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development;
5. Provide suitable vehicle access to the site from Gotherage Lane;

6. Provide comprehensive traffic calming on the Cherry Tree estate to mitigate additional traffic movement;
7. Provide additional improvement to the Cherry Tree Lane/Compstall Road junction to mitigate additional traffic movement;
8. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport, along with, direct and high quality pedestrian and cycle routes in the area, including Compstall Road, utilising and improving the existing pedestrian link from Tangshutt Fields;
9. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
10. Ensure a high quality of design, creating a visually attractive development, which establishes a strong sense of place by means of architecture, layout, landscaping and materials;
11. Improve the existing playing fields within the site through improved drainage and layout of pitches and the provision of suitable changing facilities;
12. In addition to improvements to pitches, improvements should be made to the existing play area to the south of the pitches in agreement;
13. Make improvements to the allotments and woodland area within the allocation boundary but which are to be retained within the Green Belt;
14. Link up habitats to enhance the role of the Goyt Valley as a wildlife corridor;
15. Protect and enhance biodiversity interests, securing opportunities to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';
16. Be designed to minimise any adverse impacts on the remaining Green Belt, including the use of landscaping and carefully designed buffer zones that will manage the transition, and create strong defensible boundaries between the edge of strategic allocations and the new Green Belt boundary;
17. Ensure boundary treatments reflect local characteristics and include the planting of a new generation of mature native hedgerows and trees;
18. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness;
19. Contribute towards the provision of additional school places and health provision generated by the development;
20. Make an appropriate contribution towards the provision of new community facilities in the local area;
21. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable drainage systems. Surface water should be managed as close to its source as possible and on the surface where practicable to do so. Measures such as rainwater recycling, green roofs, water butts and permeable surfaces will be encouraged mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring potential is minimised for urban diffuse pollution to affect the surrounding watercourses and water bodies; and
22. Protect and enhance heritage and archaeological assets and their setting within the surrounding area.

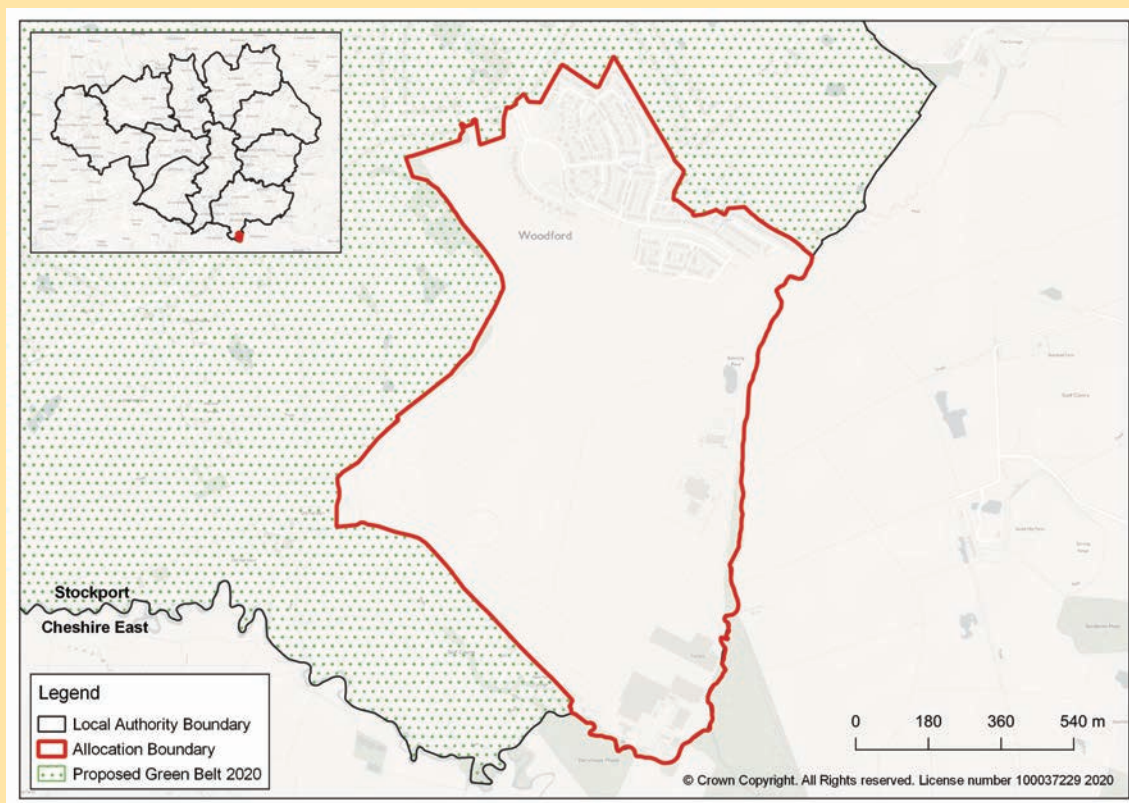
- 11.335** The site is located at the edge of Romiley and is well connected to the wider borough and conurbation.
- 11.336** The proposed allocation represents a rounding off of the existing residential area at Cherry Tree, whilst contributing towards meeting Stockport's housing need through delivery of high quality homes.
- 11.337** It is in close proximity to Romiley Station and the centre along Compstall Road lies within 700m to the west of the site and thus presents the opportunity to deliver much needed housing in an accessible location.
- 11.338** The centre and wider area at Romiley offers a broad range of community facilities and services including retail uses, health and education facilities, food and drink establishments and Romiley Lifecentre, with Life Leisure Romiley slightly further to the west.
- 11.339** An assessment of the transport implications and impacts of the proposed development along with interventions to mitigate are set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.340** The retention and improvement of pedestrian and cycle access into the centre of Romiley, which is to the west of the site, will be important in order to deliver good connections to the main services and other transport links in the area, thus delivering an accessible and sustainable development.
- 11.341** Access from residential areas of Cherry Tree will require sensitive planning. Direct access from areas to the south of the railway is currently provided via a bridge over the railway. This is not likely to be suitable for heavy vehicle traffic, but may be developed for pedestrian and cycle access as well as emergency access.
- 11.342** The site allocation includes a recreation ground to the northwest and Tangshutt open fields to northeast, which functions as a Local Nature Reserve. The woodland and allotment area within the allocation boundary has suitability for Biodiversity Net Gain, with particular opportunities for wildlife refuges e.g. log piles and bat/bird boxes, additional woodland underplanting, and also to provide natural play features within the grassland. Open space should be provided, with reference to latest information available and local plan policies as the minimum requirement for the site.
- 11.343** There is scope for habitat creation and enhancement, delivery of SUDS, orchard creation and also enhancement of habitat connectivity through tree and scrub planting along field boundaries.
- 11.344** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.345** The site is within the Goyt Valley Landscape Character Area.

- 11.346** In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.
- 11.347** The provision of affordable dwellings in this location will help to address the ongoing issue of affordability in Stockport, in particular those areas where local average house prices exceed the borough and conurbation averages.
- 11.348** There are a number of non-designated heritage assets in close proximity to the allocation. Any development of the allocation will be required to respect the setting of these heritage assets and capitalise on opportunities to draw on the contribution that they make to the character of the area. The completion of a Heritage Impact Assessment will be required.

Woodford Aerodrome

Policy GM Allocation 37

Woodford Aerodrome



Picture 11.50 GMA 37 Woodford Aerodrome

Development of the site will be required to:

1. Deliver 750 homes on the site in addition to those already consented at the site;
2. Make provision of a minimum of 45% affordable housing on site and across a range of housing types, including provision for all-age affordable accommodation;
3. Make a provision for at least 11 custom/self-build plots within the site;
4. Be preceded by a comprehensive masterplanning exercise approved by the Local Planning Authority, which establishes a clear phasing strategy as part of an integrated approach to infrastructure delivery that supports the scale of the whole development;
5. Include measures to promote sustainable travel including production of a Travel Plan and appointment of a Travel Coordinator to develop, implement and monitor the Travel Plan;
6. Make provision for upgraded cycle and footpaths within the site and new cycle and footpaths to connect with the existing local network;
7. Accommodate and contribute to the delivery of a bus rapid transit route through the site, including provision of suitable entry/exit points at the site boundary and a high quality busway through the site, including stops, either segregated from or with priority over other road users;
8. Provide an access point to the site from the existing development at the former aerodrome site;
9. Enable within the site the provision of access to the site via a new junction from the Poynton Relief Road;
10. Make improvements to local transport infrastructure to mitigate for the impact of the development, facilitate appropriate access to the site and incorporate enhancements to public transport, along with direct and high quality pedestrian and cycle routes in the area;
11. Significantly enhance the value of existing community facilities within the allocation and the wider Woodford area, including through the provision of additional sporting facilities and improving or supplementing the existing Woodford War Memorial Community Centre;
12. Make provision for suitable and publicly accessible open space and green infrastructure within the site;
13. Ensure views are retained of the Peak District National Park to the south-east and east of the site;
14. Be designed to minimise any adverse impacts on the remaining Green Belt, including the use of landscaping and carefully designed buffer zones that will manage the transition, and create strong defensible boundaries between the edge of strategic allocations and the new Green Belt boundary;
15. Ensure boundary treatments reflects local characteristics and include the planting of a new generation of mature native hedgerows and trees;
16. Contribute to the area's special landscape qualities and key sensitivities in line with Policy GM-G 1 'Valuing Important Landscapes'. Development should restore positive landscape characteristics and features that reinforce scenic quality and distinctiveness;
17. Protect and enhance biodiversity interests, through securing measures to improve linkages and habitat value within the site, this could be through retaining and enhancing existing landscape and natural features (e.g. trees, hedgerow, watercourses, water bodies, pollination species and priority habitats) in order to achieve biodiversity net gains in line with Policy GM-G 9 'A Net Enhancement of Biodiversity and Geodiversity';

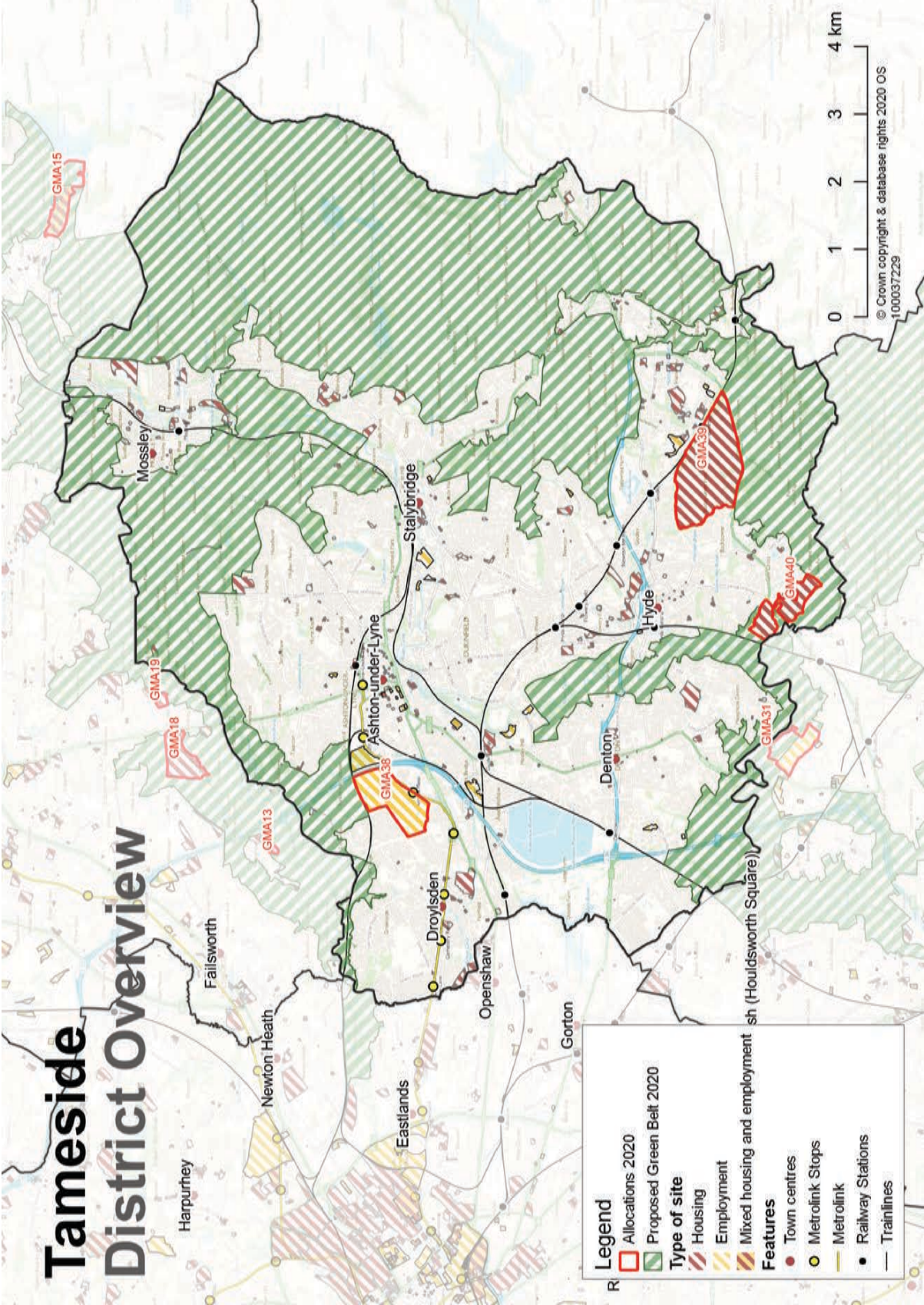
18. Avoid siting development on the prominent elevated slopes and ridgeline above the River Dean, which is visible both to and from locally designated landscapes in Cheshire East;
19. Ensure a high quality of design, creating visually attractive development, which establishes a strong sense of place by means of architecture, layout, landscaping and materials;
20. Contribute towards the provision of additional school places generated by the development by facilitating the provision of a further one form entry to the new primary school already proposed to be located on the wider site, together with an appropriate contribution to secondary school provision, SEND provision and health provision generated by the development;
21. Ensure provision of suitable and appropriate drainage measures, to be delivered through sustainable drainage systems. Surface water should be managed as close to its source as possible and on the surface where practicable to do so. Measures such as rainwater recycling, green roofs, water butts and permeable surfaces will be encouraged mitigating the impact of potential flood risk both within and beyond the site boundaries, whilst ensuring potential is minimised for urban diffuse pollution to affect the surrounding watercourses and water bodies; and
22. Protect and enhance heritage and archaeological assets and their setting within the surrounding area including the Grade II* listed New Hall Farm House and New Hall Cottage, and the Grade II listed structures Garden Wall to North and East of New Hall Farm and New Hall Cottage, Barn to South East of New Hall Farmhouse, Old Hall Farm and Barn at Old Hall Farm.

11.349 The proposed area for removal from the Green Belt includes the land already under development under the existing permission at the former Woodford Aerodrome site. A c. 20Ha site within the proposed allocation is an extension to the existing development, helping to support improved community, health and education facilities. It also provides an opportunity to improve public transport links in the area by means of a bus rapid transit route. The route for the proposed Bus Rapid Transit will provide enhanced connectivity from Hazel Grove to Heald Green and Manchester Airport, linking from the proposed Poynton Relief Road to the east of the site through to Chester Road at the north of the site.

11.350 The site is within the Woodford Landscape Character Area. In addressing the impact on landscape characteristics, specific regard should be had to the Stockport Landscape Character Assessment and Landscape Sensitivity study, Greater Manchester and National Character Area Opportunity statement.

11.351 The provision of affordable housing in this area will help to address the significant shortfall of such dwellings in this area of Stockport. In addition, the site provides the opportunity to deliver much-needed all-age accommodation, as identified in the most recent Housing Needs Assessment and as promoted in the Council's "All Age Living Prospectus – Healthy, Happy, Homes".

- 11.352** The development of the Poynton Relief Road provides an opportunity to improve access to the site. However, access to the relief road will require robust testing. In the event that a route in from that direction is considered to be acceptable, contributions will be sought towards its construction.
- 11.353** An assessment of the transport implications and impacts of the proposed development along with potential interventions to mitigate them is set out in the Localities Assessment for this allocation. Development proposals should reflect those findings in order to ensure that impacts are kept to an acceptable level.
- 11.354** Suitable design and delivery of appropriate measures will ensure development takes account of the climate and ecological emergencies by addressing the requirements of all relevant thematic policies in GMSF.
- 11.355** The site contains habitats classified as high ecological value according the Natural Environment survey completed for the emerging Woodford Neighbourhood plan, this is due to the abundance of habitat and species defined in section 41 of the NERC Act within the site.
- 11.356** The Grade II* listed New Hall Farm House and New Hall Cottage, and the Grade II listed structures Garden Wall to North and East of New Hall Farm and New Hall Cottage, Barn to South East of New Hall Farmhouse, Old Hall Farm and Barn at Old Hall Farm are all located in close proximity to the south-western boundary of the allocation. There are also a number of non-designated heritage assets in the same vicinity. Any development of the allocation will be required to respect the setting of these heritage assets and capitalise on opportunities to draw on the contribution that they make to the character of the area. The completion of a Heritage Impact Assessment will be required.
- 11.357** Open space should be provided, with reference to latest information available and local plan policies as the minimum requirement for the site.

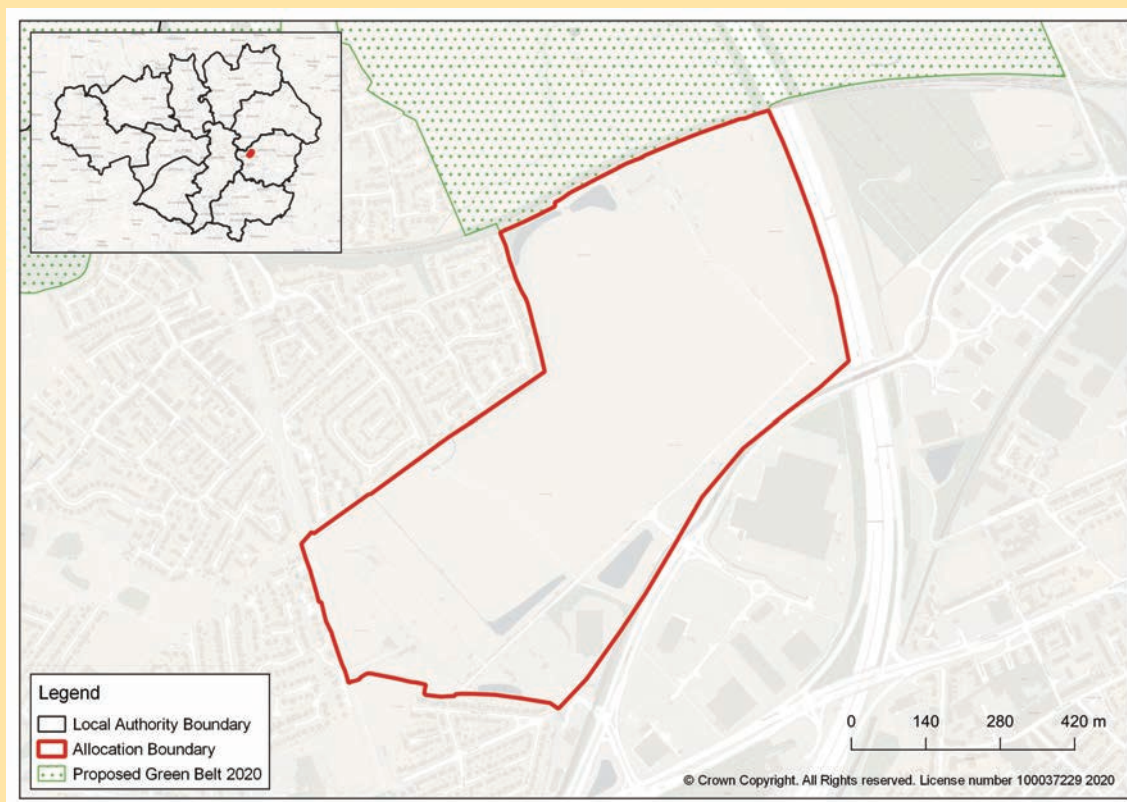


Picture 11.51 Tameside District Overview

Ashton Moss West

Policy GM Allocation 38

Ashton Moss West



Picture 11.52 GMA 38 Ashton Moss West

Development of this site will be required to:

1. Deliver around 160,000 square metres of employment floorspace, primarily within the E(g)(ii), E(g)(iii) and B2 use classes;
2. Be in accordance with a comprehensive masterplan, phasing strategy and design code approved by the Local Planning Authority for the whole site, developed through engagement with the local community, Council and other appropriate stakeholders;
3. Be informed by a detailed earthworks and remediation strategy;
4. Be informed by an assessment of archaeology;
5. Take an integrated and co-ordinated approach to infrastructure to support the scale of the whole development;

6. Ensure that architecture is innovative and creative, while respecting and integrating into the surrounding landscape, creating a high quality and contemporary employment location;
7. Ensure the character of, and interface between, new and existing development including the setting of heritage assets and surrounding residential dwellings and gardens, are sensitively designed and acknowledged by development proposals;
8. Provide developer contributions towards transport and other infrastructure as deemed appropriate;
9. Ensure employment, education and training opportunities are available for residents within the local area both through construction phases and upon completion;
10. Provide access into the site from the A6140 Lord Sheldon Way;
11. Ensure highways are designed to accommodate access to the rail line to the northern boundary and land is set aside in that location to potentially accommodate provision for a future rail station;
12. Ensure proposals create a safe, walkable and green development;
13. Ensure active travel is promoted to be the most attractive form of local transport through a clear network and hierarchy of legible and attractive streets, footpaths and cycle ways;
14. Protect and enhance key landscape and ecological features, including trees and woodlands, watercourses and ponds;
15. Deliver a high quality public realm that incorporates street tree planting;
16. Incorporate and enhance as attractive and desirable routes existing public rights of way and the sustainable travel route along the site's western edge;
17. Be designed to enhance connectivity to existing communities in the locality alongside key assets such as schools, cycle and walking routes, public transport services and Daisy Nook Country Park; and
18. Set aside land for a range of public open spaces, such as: natural space and amenity space in accordance with the Councils most up to date Open Space Review.

11.358 Having previously been identified as part of a potential World EXPO site, Ashton Moss West represents a major opportunity for Tameside and the east of Greater Manchester to deliver approximately 160,000 square metres of high quality employment floorspace. This should primarily fall within the E(g)(ii), E(g)(iii) and B2 use classes and be aimed at delivering facilities

suitable for identified areas of economic strength and key growth sectors within Tameside and Greater Manchester: life sciences; health technologies, advanced manufacturing and materials science/fabrication.

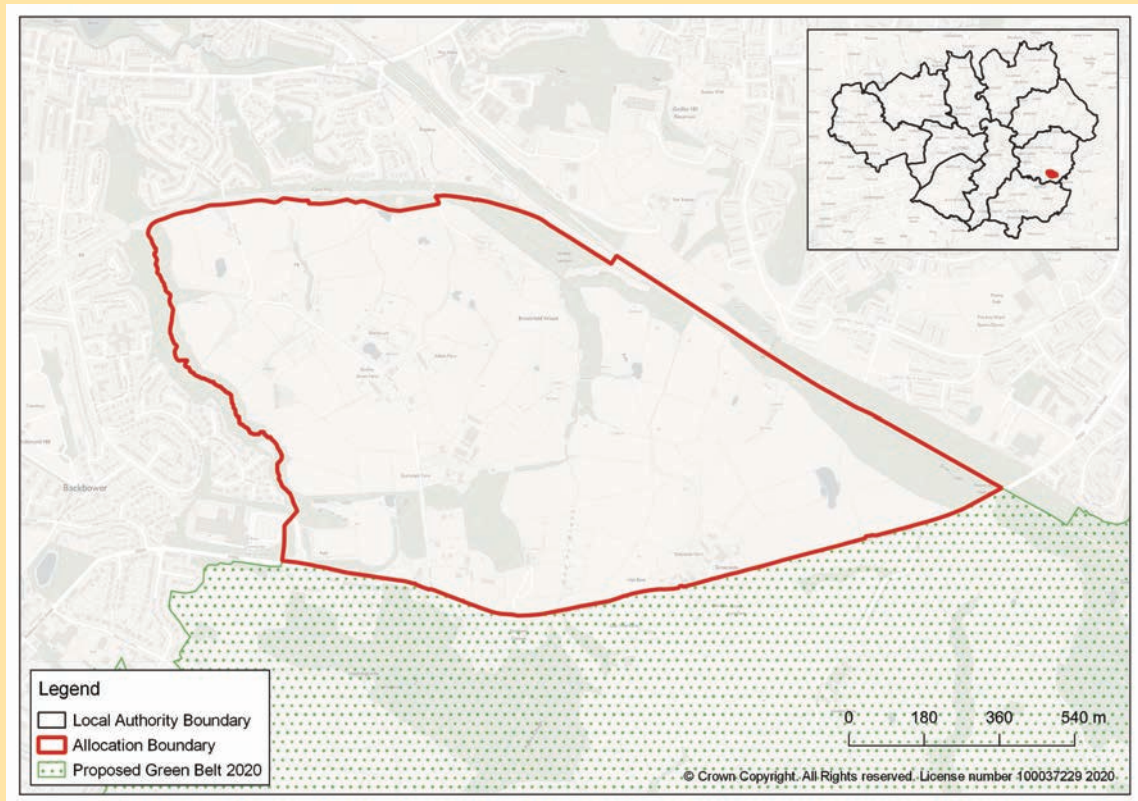
- 11.359** The site's urban fringe setting with proximity to existing employment, leisure and retail opportunities, excellent transport connections with close proximity to rail, Metrolink and motorway, as well as a dark fibre network and surrounding green and blue infrastructure set the framework for a unique opportunity and logical sustainable extension to the existing Ashton Moss employment area.
- 11.360** Additionally, Tameside's existing manufacturing and engineering base is currently constrained by the supply of sites available, curtailing potential growth and stifling regeneration and churn within the borough's industrial spaces. The site is therefore critical to provide expansion opportunities for existing businesses operational within Tameside as well as providing the facilities required to compete for inward investment.
- 11.361** To deliver a high quality development it will be important to have a clear and comprehensive masterplan, phasing strategy and design code; which should carefully consider matters of character, including orientation, materials and soft landscaping in respect of the setting of heritage assets and surrounding residential properties.
- 11.362** This should be accompanied by an integrated approach to delivering infrastructure, including for example: a site wide drainage strategy, green, blue and grey infrastructure (including utilities provision), high speed broadband connectivity through fibre to the premises and electric vehicle charging infrastructure, either by providing charging points or through installing appropriate ducting to allow for future provision.
- 11.363** A site wide drainage strategy will need to incorporate sustainable drainage systems with the aim of achieving greenfield run-off rates as a means of combating surface water flood risk and contributing towards climate change resilience. Furthermore the sites overlap with the current Air Quality Management Area along the M60 corridor to the east and Lord Sheldon Way to the south will need to be considered in the masterplanning process. This could take the form of appropriate buffering as part of the green infrastructure network across the site.
- 11.364** One of the principle challenges to developing Ashton Moss West is the volume of placed material alongside other geotechnical considerations. Contamination testing, gas monitoring and ground investigation and analysis will therefore be required to produce an earthworks assessment and remediation strategy prior to development taking place.
- 11.365** A programme of archaeological assessment should also inform the masterplanning approach to the site, allowing for archaeological evaluation to determine the extent and condition of potential remains. This will help to establish where significant archaeology should be preserved in situ through sympathetic planning or where the archaeology can be removed but first of all recorded and opportunities that may exist to create public interpretation information relating to the sites historical past.

- 11.366** Architectural design solutions should deliver an innovative and creative development that is also resilient to climate change, using, where possible, zero-carbon development and energy-positive technology (i.e. producing more energy than is consumed), thus creating a high quality and contemporary employment development that also benefits from access to a range of sustainable modes of transport.
- 11.367** Development of the site has the potential to create a range of educational, training and employment opportunities for local residents during the construction phases and upon completion. Given the proximity of this site to areas of high deprivation in Ashton-under-Lyne, Droylsden and east Manchester the proposed development will help to bring about long term benefits to these communities by providing locally accessible employment.
- 11.368** To enhance and optimise the excellent transport connectivity of the site further, there is the potential opportunity to deliver a new rail station on the Manchester to Leeds line that will service the employment allocation and the Droylsden and Audenshaw areas. Provision should therefore be included in the site's masterplan for the safeguarding of land along the northern boundary of the allocation to accommodate a potential new rail station, access and car parking.
- 11.369** It is important that existing landscape and ecological features alongside other green infrastructure habitats and assets of biological importance are protected, managed and enhanced as part of the comprehensive masterplan of the site.
- 11.370** The development will seek to minimise the number of trips made by private car to and from the site by connecting with adjacent residential areas, employment locations, leisure uses and centres, via a network of safe walking and cycling routes and public open spaces. Priority should be given to cycle and pedestrian routes that provide direct access to the existing and proposed cycle and pedestrian network, together with opportunities for linking access to public transport.
- 11.371** The existing sustainable travel route to the site's western edge should be retained and enhanced and could form part of a landscape buffer to existing residential properties. In addition, consideration should be given to a number of existing informal routes and public rights of way to the site's northern edge that could also benefit from improved connectivity and enhancement, including access to Metrolink.
- 11.372** While the site is in a sustainable and accessible location, being well served by public transport and with convenient access to junction 23 of the M60, new vehicular access will be required into the site off the A6140 Lord Sheldon Way, integrating with the existing and proposed pedestrian and cycle network.
- 11.373** Alongside the intention that the development will ensure active travel becomes the most attractive form of local transport, it will also contribute towards active and healthy communities through on site open space provision, in accordance with the Council's most up to date Open Space Review, and through the provision of safe and accessible connections to neighbouring public open spaces, including Daisy Nook Country Park.

Godley Green Garden Village

Policy GM Allocation 39

Godley Green Garden Village



Picture 11.53 GMA 39 Godley Green Garden Village

Development of this site will be required to:

1. Construct around 2,350 new homes;
2. Deliver homes across a range of types and tenures in accordance with the Council's most up to date Housing Needs Assessment;
3. Ensure Garden City principles are enshrined throughout;
4. Be in accordance with a comprehensive masterplan, phasing strategy and design code approved by the Local Planning Authority for the whole site, developed through engagement with the local community, Council and other appropriate stakeholders;
5. Be informed by an assessment of archaeology;

6. Take an integrated and co-ordinated approach to infrastructure to support the scale of the whole development;
7. Ensure that architecture is innovative and creative, while respecting and integrating into the surrounding landscape, creating aspirational and desirable communities in which to live;
8. Ensure the character of, and interface between, new and existing development including the setting of heritage assets and dwellings and gardens, particularly those within the site, are sensitively designed and acknowledged by development proposals;
9. Establish two connected villages, each with their own distinct identity and served by a local hub offering flexible workspace opportunities and a range of community, retail, cultural and leisure uses, separated by Godley Brook as a central landscape feature;
10. Deliver higher density residential development around Hattersley train station and the village hubs;
11. Provide developer contributions towards education, health, transport and other infrastructure as deemed appropriate;
12. Ensure employment, education and training opportunities are available for residents within the local area, both through construction phases and upon completion;
13. Set aside land to accommodate additional education provision, unless it can be demonstrated that sufficient additional school places will be accommodated off site within the local area to meet the likely demand generated;
14. Provide access into the site from the A560 Mottram Old Road including improved cycling and pedestrian facilities along the site's frontage;
15. Ensure highways are designed to accommodate bus routing and provision of services are sought within the early phases of development;
16. Provide, in the early phase of development, a pedestrian, cycle, equine (multi-user and accessible to all) bridge connecting to Hattersley and be designed and located to encourage use of public transport services at Hattersley train station;
17. Ensure neighbourhoods are green, walkable and safe places;
18. Ensure active travel is promoted through a clear network and hierarchy of legible and attractive streets, footpaths and cycle ways;
19. Incorporate and enhance as attractive and desirable routes, existing public rights of way and the Trans Pennine Trail;

20. Be designed to enhance connectivity to existing communities in the locality, alongside key assets such as schools, cycle and walking routes, public transport services and Werneth Low Country Park;
21. Protect and enhance the designated Sites of Biological Importance of Werneth Brook and Brookfold Wood;
22. Protect and enhance key landscape and ecological features, including protected trees and woodlands, areas of Ancient Woodland, other mature trees and hedgerows, cloughs, watercourses and ponds;
23. Deliver a high quality public realm that incorporates street tree planting; and
24. Set aside land for a range of public open spaces, such as: parks and gardens, natural space, amenity space, play provision and allotments, in accordance with the Council's most up to date Open Space Review.

- 11.374** Godley Green presents a significant opportunity to realise the ambitious vision of delivering a new large-scale settlement of around 2,350 new homes in the south of the borough, adjacent to the residential neighbourhoods of Godley and Hattersley. The site's semi-rural setting, together with an existing network of green and blue infrastructure set the framework for an attractive, high quality and accessible settlement that will be enshrined in Garden City principles and is a logical sustainable extension to the existing urban area.
- 11.375** The site is in close proximity to both rail and motorway connections, with Hattersley train station located adjacent and Godley train station to the north. Potential exists to further enhance the existing sustainable travel opportunities, through the provision of tram-train services along the Glossop line and new bridge access to Hattersley is required, connecting to the surrounding community. The ongoing regeneration in Hattersley will be reinforced by the development at Godley Green, providing positive outcomes and opportunities in an area of deprivation.
- 11.376** The new homes will assist in meeting the full range of housing needs and aspirations through a diversity of housing opportunities. There is potential to deliver innovative and creative development that is energy efficient and resilient to climate change using, where possible, zero-carbon and energy-positive technology (i.e. producing more energy than is consumed).
- 11.377** Older persons housing and plots for custom and self-build will also feature as important elements of the housing mix in the Garden Village and some should be affordable to those on lower and middle incomes seeking this type of opportunity.
- 11.378** To deliver a high quality development it will be essential to have a clear and comprehensive masterplan, phasing strategy and design code, which should carefully consider matters of character, appearance and setting, including for example: orientation, materials, building

heights, densities, boundary treatments, soft landscaping and enhanced screening. Such considerations will be particularly important in respect to historic buildings of local significance and existing residential properties.

- 11.379** This should be accompanied by an integrated approach to delivering infrastructure. This should include for example: a site wide drainage strategy, green, blue and grey infrastructure (including utilities provision), high speed broadband connectivity through fibre to the premises and electric vehicle charging infrastructure, either by providing charging points or through installing appropriate ducting to allow for future provision.
- 11.380** In addition, the site wide drainage strategy will need to incorporate sustainable drainage systems with the aim of achieving greenfield run-off rates as a means of combatting surface water flood risk and contributing towards climate change resilience.
- 11.381** A number of non-designated built heritage assets have been identified within the site as having a degree of local heritage significance. In recognition of this, built heritage in the form of historic routes, field boundaries, hedgerows, farmsteads, the agricultural hamlet at Greenside and villas within their existing residential plots along Green Lane should be retained where possible and could be incorporated into the masterplan to help create a sense of place and link with the site's past.
- 11.382** A programme of archaeological assessment should inform the masterplanning approach to the site, allowing for archaeological evaluation to determine the extent and condition of potential remains, in particular around Greenside, East of Brookfold Wood, Green Land and north of Brookfold. This will help to establish where significant archaeology should be preserved in situ through sympathetic planning or where the archaeology can be removed but first of all recorded. There may also be the opportunity to involve the community in such activities through excavation projects for example at Dove House Farm.
- 11.383** Building for a Healthy Life⁽¹²⁹⁾, as the Government endorsed industry standard for well-designed homes and neighbourhoods, should be used alongside Garden City principles to guide the masterplanning and development of Godley Green as an attractive, functional and sustainable settlement with the aim of achieving Building for a Healthy Life commendation.
- 11.384** Due to the site's semi-rural location, topography and landscape character; architectural and landscape design solutions must be innovative and creative; taking into account guidance in the landscape character assessment.⁽¹³⁰⁾ This could include integration into the surrounding landscape, particularly along development edges, and the interface between new and existing development along Green Lane and the historic hamlet of Greenside on Mottram Old Road, particularly where the rural landscape and views contribute to the significance of farmsteads and where buffer zones could retain a sense of openness.

129 Building for a Healthy Life - A Design Toolkit for neighbourhoods, streets, homes and public spaces <https://www.udg.org.uk/publications/othermanuals/building-healthy-life>

130 Greater Manchester Landscape Character Assessment <https://www.greatermanchester-ca.gov.uk/media/1727/greater-manchester-landscape-character-and-sensitivity-report.pdf>

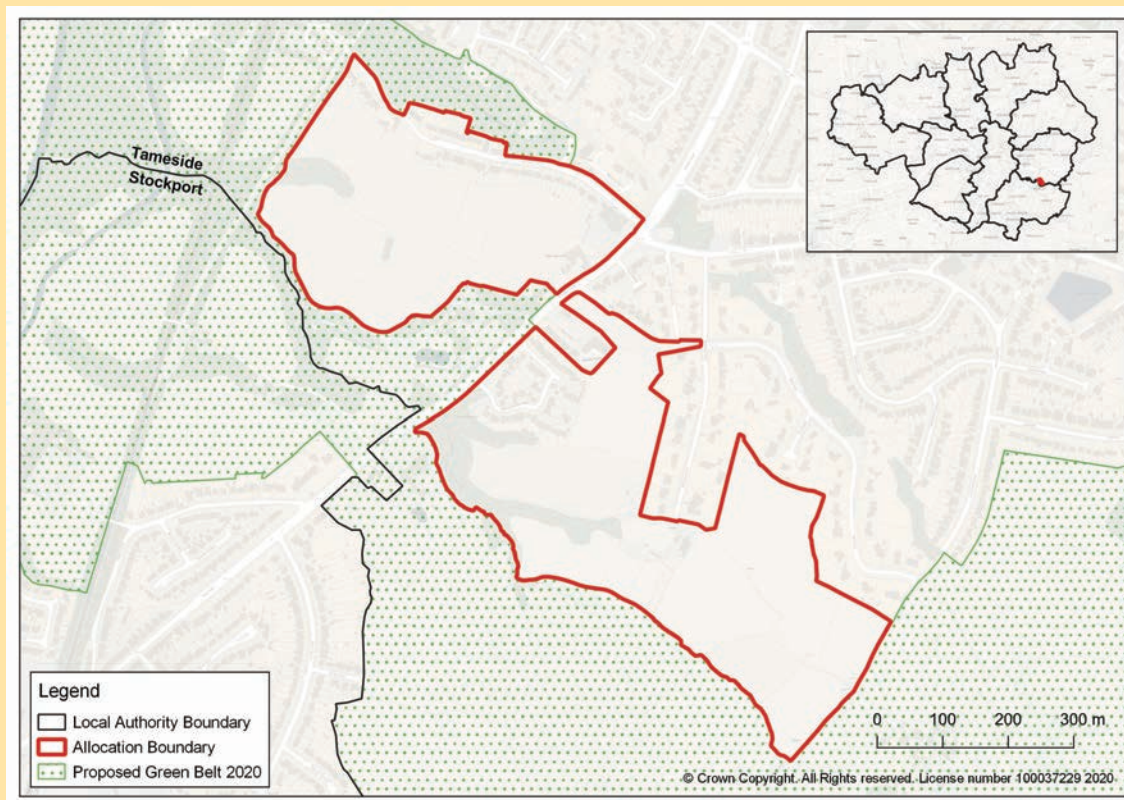
- 11.385** Godley Brook as a key landscape feature, which runs south-north through the centre of the site, will effectively divide Godley Green into two smaller villages, each served by a local hub offering a range of community and retail facilities in which residents can meet most of their day-to-day needs, although it is not envisaged that convenience retail floor space should exceed 500 sqm gross external area within each local hub.
- 11.386** As part of the hubs, there may be potential to develop a hotel or elderly care facilities which would take advantage of the co-location with the proposed retail and community facilities and in particular the proximity to Hattersley Train Station.
- 11.387** Flexible workspace could be delivered within the site close to Hattersley Train Station, providing employment opportunities for residents. With the proximity of two railway stations, public transport, motorway connectivity and active travel network, it is envisaged that a wide range of employment opportunities located around Hyde, Tameside and across the city region will be accessible to Garden Village residents.
- 11.388** Although the site is within a sustainable and accessible location, new access and linkages into the site off the A560 Mottram Old Road together with the existing and proposed pedestrian and cycle network will be necessary. Fibre to the premises will also enable opportunities for home working as a sustainable alternative to traditional commuting.
- 11.389** It is also important that landscape, habitat and ecological features such as: Werneth Brook and Brookfold Wood Sites of Biological Importance (Ancient Woodland); protected trees and woodlands, hedgerows; together with the array of ponds and watercourses and other green infrastructure are protected and managed as part of the comprehensive masterplan of the site to maintain and enhance their conservation status and to prevent habitat fragmentation.
- 11.390** Open space and recreation areas comprise an essential element of both Garden City and Building for a Healthy Life principles, contributing to the creation of healthy and active communities. Sport England's Active Design⁽¹³¹⁾ and age friendly design principles⁽¹³²⁾ should be incorporated as far as possible in the masterplanning of the site to encourage active lifestyle behaviour and play at all ages.

131 Sport England – Active Design <https://www.sportengland.org/how-we-can-help/facilities-and-planning/design-and-cost-guidance/active-design>
 132 For example the WHO's Age-friendly Cities Framework <https://extranet.who.int/agefriendlyworld/age-friendly-cities-framework/>

South of Hyde

Policy GM Allocation 40

South of Hyde



Picture 11.54 GMA 40 South of Hyde

Development of this site will be required to:

1. Construct around 440 new homes;
2. Deliver homes across a range of types and tenures in accordance with the Council's most up to date Housing Needs Assessment;
3. Ensure Garden City principles are enshrined throughout;
4. Be in accordance with a comprehensive masterplan, phasing strategy and design code approved by the Local Planning Authority for the whole site, developed through engagement with the local community, Council and other appropriate stakeholders;
5. Take an integrated and co-ordinated approach to infrastructure to support the scale of the whole development;

6. Ensure that architecture is innovative and creative, while respecting and integrating into the surrounding landscape, creating aspirational and desirable communities in which to live;
7. Ensure the character of, and interface between, new and existing development including the setting of heritage assets and dwellings and gardens, particularly those within the site are sensitively designed and acknowledged by development proposals;
8. Ensure that development edges successfully integrate into the adjoining landscape;
9. Deliver lower density residential development as the site elevation increases toward its eastern most extent at Lord Derby Road;
10. Respect and enhance both designated and non-designated heritage assets and their settings both in and within the vicinity of the site including the Grade II* listed Apethorn Farmhouse and Grade II Pole Bank Hall;
11. Following a Heritage Impact Assessment, secure the sensitive restoration and, long term future use of the Grade II* listed Apethorn Farmhouse and complex within an early phase of development together with its removal from the Heritage at Risk Register;
12. Be informed by an assessment of archaeology;
13. Provide developer contributions towards education, health, transport and other infrastructure as deemed appropriate;
14. Ensure employment, education and training opportunities are available for residents within the local area through the construction phases;
15. Provide access to each east and west parcel from the A560 Stockport Road;
16. Ensure neighbourhoods are green, walkable and safe places;
17. Ensure active travel is promoted to be the most attractive form of local transport through a clear network and hierarchy of legible and attractive streets, footpaths and cycle ways;
18. Incorporate and enhance as attractive and desirable routes, existing public rights of way, including the Cown Edge Way;
19. Be designed to enhance connectivity to existing communities in the locality, alongside key assets such as schools, cycle and walking routes, public transport services, the Peak Forrest Canal, Trans Pennine Trail and Werneth Low Country Park;
20. Protect and enhance the designated Pole Bank Site of Biological Importance;

21. Protect and enhance key landscape and ecological features including protected trees and woodlands, areas of Ancient Woodland, other mature trees and hedgerows, cloughs, watercourses and ponds;
22. Deliver a high quality public realm that incorporates street tree planting; and
23. Set aside land for a range of public open spaces such as; natural space, amenity space, play provision and allotments in accordance with the council's most up to date Open Space Review.

- 11.391** The two parcels that make up the south of Hyde allocation represent an opportunity to deliver housing in advance of the larger more complex sites contained in the GMSF due to their smaller scale. The sites' semi-rural setting, opportunity to secure the future of a grade II* listed building together with an existing network of green infrastructure, set the framework for an attractive, high quality and accessible neighbourhood that enshrines Garden City principles and is a logical sustainable extension to the suburb of Gee Cross.
- 11.392** Apethorn Fold is a small group of historic agricultural buildings, straddling Apethorn Lane to the north of the allocation. The Grade II* listed Apethorn Farmhouse is considered to be a rare surviving example in Tameside of a medieval cruck framed open hall house, which once comprised domestic accommodation to the north and shippon used to housed animals to the south, separated by a cross passage. The farmhouse which dates back to the C.15 and altered during the C.17-C.19 owes its survival in part to its timber truss construction. The farmhouse is currently unoccupied and has been identified on Historic England's Heritage at Risk Register, where its current condition has been recorded as very bad.
- 11.393** Development of the site is therefore expected to secure the restoration and long term future reuse of the Apethorn Farmhouse and complex. A Heritage Impact Assessment will be required to support the masterplanning of the site and any subsequent planning applications, demonstrating how the proposal will support the retention, enhancement and long term future use of the Farm complex and ensure the proposed new development has a positive impact on the heritage asset's conservation and setting.
- 11.394** It is expected that full restoration of the farm complex, including those features which are considered to be curtilage listed, will commence in the early phase of development and this be set out in the masterplan and phasing strategy. It is noted that this should include the curtilage listed building to the north side of Apethorn Lane and which will remain within the Green Belt. In doing so, condition surveys, an archaeological presence on site and watching brief are all likely to be needed.
- 11.395** The new homes will assist in meeting the full range of housing needs and aspirations through a diversity of housing opportunities. There is potential to deliver innovative and creative development that is energy efficient and resilient to climate change using, where possible, zero-carbon and energy-positive technology (i.e. producing more energy than is consumed).

- 11.396** Older persons housing and plots for custom and self-build could also feature as elements of the housing mix and some should be affordable to those on lower and middle incomes seeking this type of opportunity.
- 11.397** To deliver a high quality development it will be important to have a clear and comprehensive masterplan, phasing strategy and design code, which should carefully consider matters of character, appearance and setting, including for example: orientation, materials, building heights, densities, boundary treatments, soft landscaping and enhanced screening. Such considerations will be particularly important in respect to heritage assets and existing residential properties.
- 11.398** This should be accompanied by an integrated approach to delivering infrastructure. This should include for example: a site wide drainage strategy, green, blue and grey infrastructure (including utilities provision), high speed broadband connectivity through fibre to the premises and electric vehicle charging infrastructure, either by providing charging points or through installing appropriate ducting to allow for future provision.
- 11.399** Taking into account the findings of the most recent strategic flood risk assessment, the site wide drainage strategy will need to incorporate sustainable drainage systems with the aim of achieving greenfield run-off rates as a means of combatting surface water flood risk and contributing towards climate change resilience.
- 11.400** A number of buildings and features have been identified within the site as having heritage significance. In recognition of this, built heritage, in the form of heritage assets, historic routes, field boundaries, hedgerows and woodland should be retained where possible and could be incorporated into the masterplan to help create a sense of place and link with the site's past.
- 11.401** A programme of archaeological assessments should inform the masterplanning approach, allowing for archaeological evaluation to determine the extent and condition of potential remains particularly around heritage assets. This will help to establish where significant archaeology should be preserved in situ through sympathetic planning or where it can be removed but first of all recorded.
- 11.402** Due to the sites' semi-rural location, topography and landscape character; architectural and landscape design solutions must be innovative and creative; taking into account guidance in the landscape character assessment.⁽¹³³⁾ This could include: integrating into the surrounding landscape, particularly along development edges, at the interface between new and existing development and as the site ascends in elevation toward Lord Derby Road. This is also particularly relevant where the rural landscape and views contribute to the significance of heritage assets and where buffer zones could retain a sense of openness.

133 Greater Manchester Landscape Character Assessment <https://www.greatermanchester-ca.gov.uk/media/1727/greater-manchester-landscape-character-and-sensitivity-report.pdf>

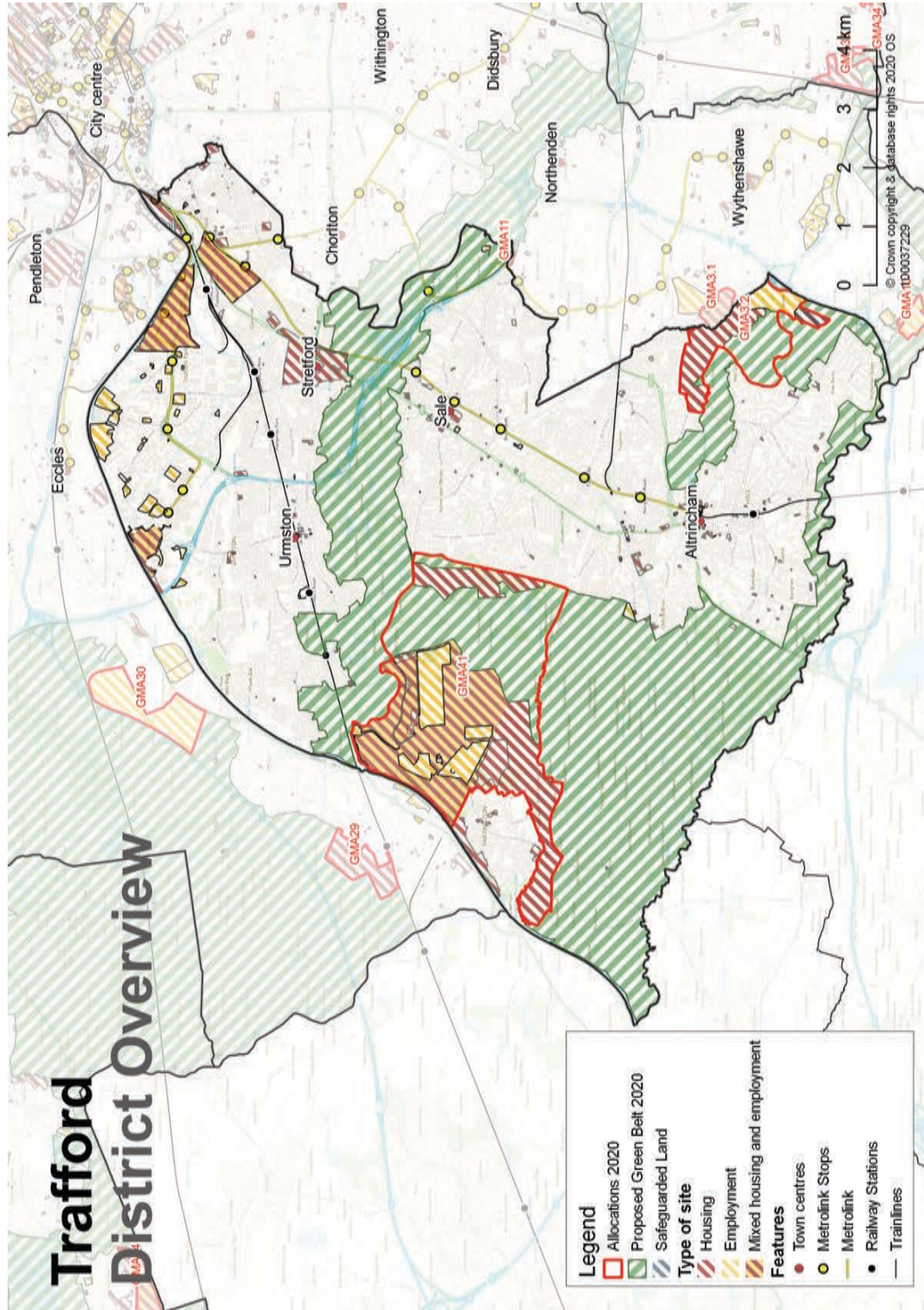
- 11.403** Building for a Healthy Life⁽¹³⁴⁾ as the Government endorsed industry standard for well-designed homes and neighbourhoods should be used to guide the masterplanning and development alongside Garden City principles as an attractive, functional and sustainable settlement with the aim of achieving Building for a Healthy Life commendation.
- 11.404** Neighbourhoods will be linked via safe walking and cycling routes and public open spaces, all of which will respect and integrate into the surrounding landscape. Cycle and pedestrian routes within the development area should provide direct connection to the existing and proposed cycle and pedestrian network, Woodley Railway Station and Hyde town centre where possible.
- 11.405** Development of this site has the potential to create education, training and employment opportunities during the construction phase for local residents, thus bringing about benefits to these communities by providing locally accessible employment.
- 11.406** Although the site is in a sustainable and accessible location, being well served by a high frequency bus service between Ashton-under-Lyne and Stockport, with convenient access to the Marple rail line at Woodley and the highway network; new access and linkages into the site off the A560 Stockport Road together with the existing and proposed pedestrian and cycle network will be necessary.
- 11.407** The GM Rail Prospectus articulates the future vision for rail with longer and more frequent train services, and TfGM has committed in Our Five Year Transport Delivery Plan to explore the options for delivering a Metro/tram-train service on the Marple line with the potential to deliver greatly increased capacity and connectivity. Therefore, enhancing pedestrian and cycle connectivity between the site and the nearby Woodley station will be critical in improving a move away from private car use.
- 11.408** It is also important that landscape, habitat and ecological features such as: Pole Bank Site of Biological Importance (Ancient Woodland); protected trees and woodlands, hedgerows; together with the array of watercourses and other green infrastructure are protected and managed as part of the comprehensive masterplan of the sites to maintain and enhance their conservation status and prevent habitat fragmentation.
- 11.409** Open space and recreation areas comprise an essential element of both Garden City and Building for a Healthy Life principles, contributing to the creation of healthy and active communities. Sport England's Active Design⁽¹³⁵⁾ and age friendly design principles⁽¹³⁶⁾ should be incorporated as far as possible in the masterplanning of the site to encourage active lifestyle behaviour and play at all ages.

134 Building for a Healthy Life - A Design Toolkit for neighbourhoods, streets, homes and public spaces <https://www.udg.org.uk/publications/othermanuals/building-healthy-life>

135 Sport England – Active Design <https://www.sportengland.org/how-we-can-help/facilities-and-planning/design-and-cost-guidance/active-design>

136 For example the WHO's Age-friendly Cities Framework <https://extranet.who.int/agefriendlyworld/age-friendly-cities-framework/>

Strategic Allocations in Trafford

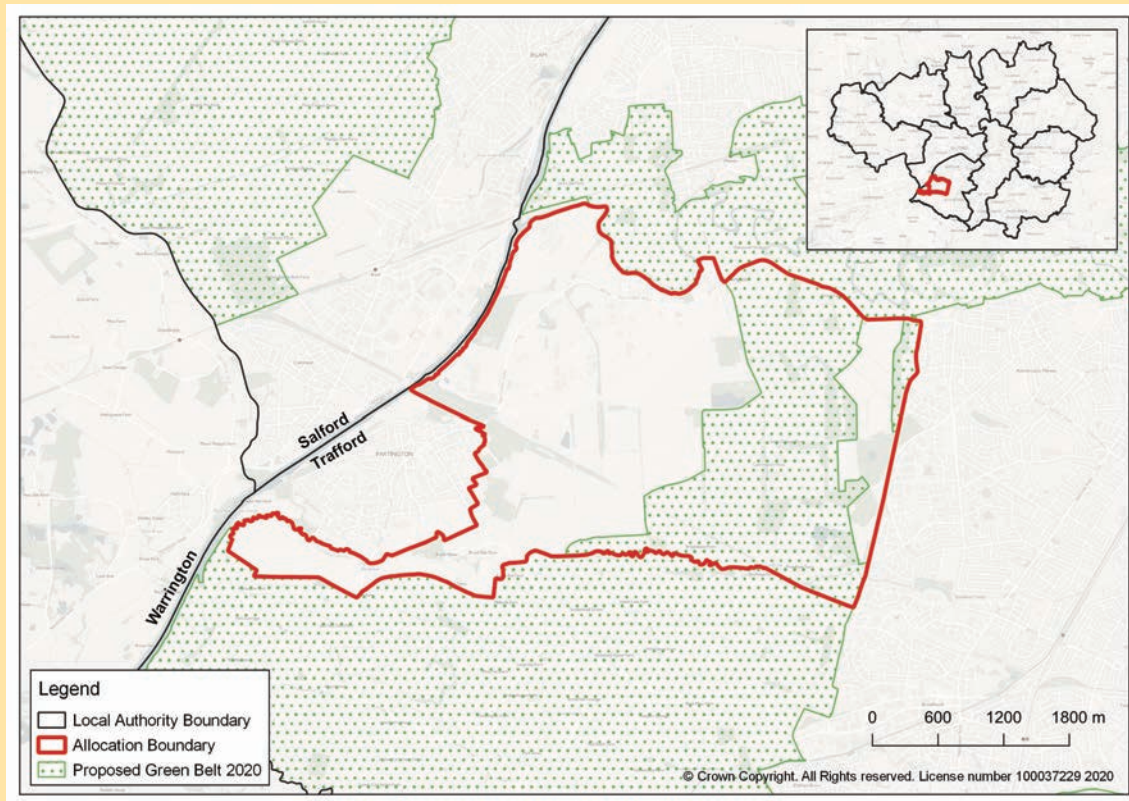


Picture 11.55 Trafford District Overview

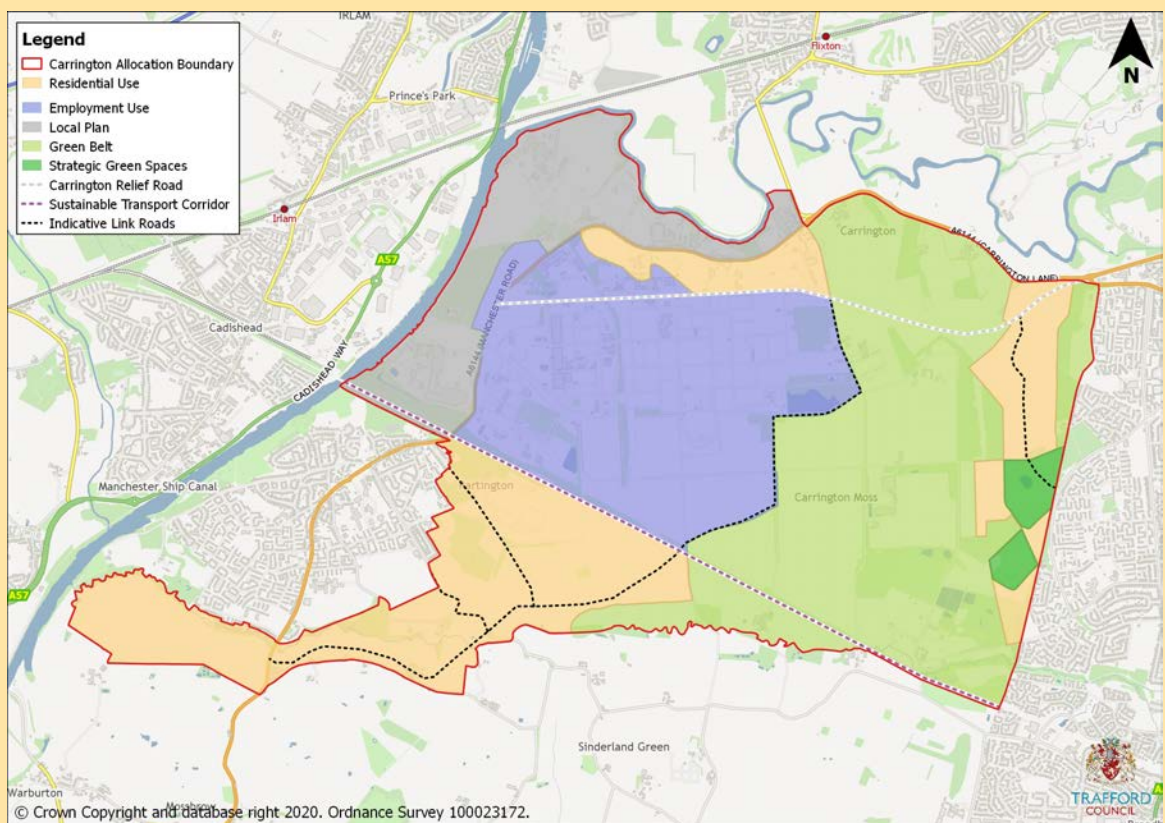
New Carrington

Policy GM Allocation 41

New Carrington



Picture 11.56 GMA 41 New Carrington



Picture 11.57 New Carrington Allocation Policy Plan

Development of this site will be required to:

1. Be in accordance with a masterplan or Supplementary Planning Document (SPD) that has been approved by the Local Planning Authority, to ensure the site is planned and delivered in a coordinated and comprehensive manner;

Residential Development

2. Deliver around 5,000 units, of which 4,300 will be delivered in the plan period at Carrington / Partington and Sale West, in the following distinct character areas, as set out on the Allocation Policy Plan:
 - Carrington Village – approximately 600 units
 - Sale West – approximately 1,450 units
 - East Partington – approximately 2,600 units
 - Warburton Lane – approximately 420 units

3. Deliver high quality residential units which are accessible, integrated with the existing community and well designed to create a genuine sense of place;
4. Demonstrate how the constraints on land to the west of Warburton Lane can be addressed. Planning applications will need to demonstrate how the site will:
 - i. Integrate into and reflect the character of the historic landscape; avoiding areas of the highest heritage significance;
 - ii. Integrate successfully into Partington and the wider New Carrington allocation, both in terms of physical linkages and the ability to understand the wider area as a distinct place.

Development proposals which do not address these constraints will not be accepted;

5. Deliver a range of house types, sizes, layouts and tenures through a place-led approach based on each of the Character Areas in the New Carrington Masterplan / SPD and the Trafford Local Plan;
6. Deliver residential development at the following average densities, recognising the distinct characteristics of each area:
 - Carrington Village – average 35 dph
 - Sale West – average 40 dph
 - East Partington – average 35 dph, increasing to an average of 40 dph in areas close to the existing Partington urban area. Higher density development at an average of 55dph will be appropriate close to the local centre;
 - Warburton Lane – average 25 dph
7. Provide a minimum of 15% affordable housing across the New Carrington allocation. In determining appropriate affordable housing provision regard should be had to the distinct Character Areas within the New Carrington site which each reflect different housing markets. The New Carrington Masterplan / SPD and the Trafford Local Plan will provide additional guidance on appropriate affordable housing contributions for each of the Character Areas;
8. Make specific provision for self-build/custom-build plots, subject to local demand as set out in the Council's self-build register;

Employment development

9. Deliver around 350,000 sqm (gross) of employment opportunities for industry and warehousing as set out on the Allocation Policy Plan;
10. Create legible streets and spaces within the employment area with attractive buildings that respond positively to the landscape and provide accessible linkages to residential areas and local / neighbourhood centres;
11. Create employment and training opportunities for local people in particular through the construction phase, to be set out in a Local Labour Agreement in accordance with Local Plan policies;

Delivery and phasing

12. Coordinate the phasing of development with the delivery of infrastructure on the site, ensuring sustainable growth at this location;
13. Make a proportionate contribution, by means of an equalisation mechanism, to infrastructure delivery. Detailed requirements will be set out in the masterplan/SPD;

Transport, Integration and Accessibility

14. Deliver accessible streets which prioritise cycling, walking and public transport over the private car;
15. Deliver a network of safe cycling and walking routes through the allocation, utilising the Carrington rides, improving the Trans Pennine Trail and creating new/enhancing existing Public Rights of Way and bridleways;
16. Deliver connected neighbourhoods which successfully link with existing communities at Carrington, Partington and Sale West, overcoming barriers such as the Red Brook to successfully integrate development;
17. Utilise the route of the disused railway line through the site as a strategic sustainable transport corridor providing links from New Carrington to the wider area as part of the Carrington Greenway scheme which includes reinstatement of the Cadishead viaduct for pedestrians and cyclists, as well as contributing to future improved east/west public transport linkages;
18. Deliver bus priority infrastructure within the site and, where appropriate, on bus routes linking to the site;
19. Deliver and directly contribute to the Carrington Relief Road to provide an alternative route to the A6144 and a strategic link through Carrington, incorporating provision for pedestrians, cyclists and bus priority measures. Other highway links to access development parcels will also be required, including:
 - i. Southern link – connecting the A6144 Warburton Lane and the A6144 Manchester Road (via either Moss Lane or Broadway), crossing the Red Brook and providing a local route around the Partington urban area

- ii. Eastern link – connecting development parcels in the East Partington area to Isherwood Road, crossing the rail line and linking through the employment parcels
 - iii. Sale West link – from the Carrington Relief Road and extending south through the Sale West development parcel and linking to Firs Way.
20. Make the necessary improvements to the Strategic, Primary and Local Road Networks including the following key new / upgraded junctions to enable the proposed level of development and mitigate the impact of increased vehicle numbers:
- i. Carrington Spur widening on the approach to M60, J8 (approx. 500m)
 - ii. Carrington Relief Road widening between Isherwood Road and the Carrington Spur
 - iii. Upgrades to the Flixton Road junction
 - iv. Upgrades to the Carrington Relief Road / Banky Lane / Carrington Spur junction
 - v. Upgrade Isherwood Road

Community Facilities

- 21. Provide a new local centre with convenience shopping facilities and services in the region of 2,500 sqm of retail floorspace, within the East Partington development area at a scale to serve the needs of the proposed communities and improve the sustainability of the wider Partington and Carrington area;
- 22. Provide new Neighbourhood Centres at Carrington Village and Sale West to provide local services and community facilities;
- 23. Provide and contribute to the provision of additional primary and secondary school places. Extensions will be required to primary and secondary schools in Partington and Sale West;
- 24. Provide and contribute to new health facilities to support the new community;

Green Belt

- 25. Provide a significant green corridor through the site which remains in the Green Belt and provides an area of protected, high quality, accessible green infrastructure;
- 26. Create defensible Green Belt boundaries utilising, where appropriate, existing landscape features;
- 27. Mitigate any impact and improve the environmental quality and accessibility of remaining Green Belt land;

Green Infrastructure

28. Provide significant areas of open and accessible green space throughout the allocation as part of the wider strategic green infrastructure network. These will provide important multi-functional recreational spaces and active travel routes, linking different areas within and beyond the site;
29. Retain, create and enhance wildlife corridors and stepping stone habitats within the development areas to support nature recovery networks, provide ecosystem services and accessible green infrastructure;
30. Provide a range of types and sizes of open space within the allocation boundary in accordance with the Council's open space and outdoor sports policies, including local open space; natural and semi-natural greenspace; equipped and informal play and youth provision; outdoor sports facilities and allotments, ensuring arrangements for their long term maintenance;
31. Protect the green spaces at Sale West identified on the Allocation Policy Plan and promote their use as an accessible green infrastructure area. These areas are protected from development and proposals will need to demonstrate how they will deliver improved Green Infrastructure and access (including new/improved public rights of way) to these parcels to mitigate the impact of development;

Natural Environment

32. Protect and enhance natural environment assets within the site and the surrounding area, including Brookheys Covert Site of Special Scientific Interest (SSSI), local Sites of Biological Importance (SBIs) and local nature conservation sites and features including woodland and hedgerows both within and adjacent to the allocation;
33. Achieve enhanced delivery of ecosystem services through the restoration and creation of areas of wetland within the site, commensurate with the identified high potential of the area in this regard and the role of the allocation site in the context of the Local Nature Recovery Network for Greater Manchester;
34. Deliver a clear and measurable net gain in biodiversity, including provision for long-term management of habitats and geological features which may include SUDs systems of high biodiversity value created as part of the overall flood risk and drainage strategy;
35. Protect and enhance the habitats and corridors along Sinderland Brook, the River Mersey and the Manchester Ship Canal as part of the catchment-based approach for the Upper Mersey to improve the existing water quality and seek to achieve 'good' status as required under the North West River Basin Management Plan (2019);
36. Provide a project specific Habitats Regulation Assessment for planning applications of over 50 residential units or 1,000 sqm employment floorspace;

Landscape

37. Retain important landscape views and features such as the rides, hedgerows and tree belts and use these features to develop a distinct sense of place at Carrington;

38. Conserve and enhance local landscape character, including the setting of the Dunham Massey estate and Warburton Deer Park;
39. Provide appropriate landscape buffers across the site, including a substantial landscape buffer along the southern boundary of the Warburton Lane development parcels to mitigate the impact on the rural landscape to the south of the allocation area;

Design

40. Ensure new development is place-led, creative and contextual in its response, respecting the local character and positive local design features of the area;
41. Be in accordance with the Council's adopted Design Guide embracing strategic design principles, including creating connected communities, redefining streets, delivering inclusive characterful design and responding to heritage;
42. Respect the urban/rural fringe setting in the design of the development, in terms of its height, scale and siting, and demonstrate high standards of design;

Historic Environment

43. Positively conserve all aspects of the historic environment as appropriate without harm to the significance of heritage assets or their setting and in accordance with a Heritage Impact Assessment;
44. Positively conserve archaeological features and, where appropriate, carry out archaeological evaluation in the form of geophysics, field walking and trial trenching for areas specified in the New Carrington Historic Environment Assessment 2020 to establish where especially significant archaeology should be preserved in situ;

Utilities, Environmental Protection and Climate Change

45. Mitigate the impacts of climate change and utilise the most energy and water efficient technologies to achieve zero carbon by 2028;
46. Explore and deliver the most appropriate solutions to providing decentralised, low carbon heat and energy as part of new residential and employment development. This will include exploring the potential for the development of district heat, cooling and energy networks, energy centres, the implementation of renewable and low carbon heat and energy technologies in design and the co-location of potential heat and energy customers and suppliers;
47. Ensure new development maximises on-site renewable energy measures in line with the energy hierarchy, for example via solar PV and other low carbon technologies, linked to the provision of and supply to electric vehicle charging infrastructure;
48. Make provision for necessary infrastructure such as utilities, full fibre broadband and electric vehicle charging points in accordance with relevant GMSF or Local Plan policies;

49. Mitigate flood risk and surface water management issues, both within and beyond the site, including provision of SUDS through the design and layout of development and in accordance with a flood risk, foul and surface water management strategy. The allocation-wide drainage strategy should be prepared after having fully assessed site topography, flood risk, existing water features and naturally occurring flow paths to identify where water will naturally accumulate. The strategy will demonstrate how each phase interacts with other phases of development and further detail will be set out in the Masterplan / SPD;
 50. Incorporate on-site measures to deal with surface water and control the rate of surface water run off. Planning applications will be expected to apply the full surface water hierarchy and ensure water is managed close to where it falls by mimicking the natural drainage solution;
 51. Demonstrate that development proposals will not adversely affect existing water supply infrastructure that passes through the site. This will include consideration of any changes in ground levels and management of the construction process;
 52. Address land contamination issues by undertaking appropriate site investigations to identify the level of contamination and deliver effective remediation to ensure there are no unacceptable risks to human health and the water environment;
 53. Incorporate appropriate noise and air quality mitigation particularly along major transport corridors, including HS2, and in relation to existing and new businesses, facilities and employment uses, including existing operational wastewater treatment works;
 54. Improvements to the existing Partington and Altrincham wastewater treatment works will be supported where they are needed to respond to future foul and surface water infrastructure requirements.
- 11.410** The New Carrington allocation will deliver a new community that links to the existing Carrington, Partington and Sale West areas and provides improved transport, social and green infrastructure. New development will create a distinct, attractive place which capitalises on the industrial history and prominent landscape features on the site.
- 11.411** The successful development of the site will require a coordinated approach between all landowners and developers. Trafford Council is therefore committed to working with stakeholders to bring forward a detailed Masterplan / SPD which provides a framework for the sustainable delivery of a new community at Carrington, Partington and Sale West. The delivery strategy must ensure that a mechanism is put in place to secure proportionate contributions from all developers within the New Carrington allocation and deliver the wide ranging infrastructure required.

11.412 A high level Masterplan has been prepared for the New Carrington site which has assessed the existing site constraints and determined the overall residential and employment development quantum, as well as identifying green infrastructure areas and opportunities. The Masterplan identifies four distinct residential character areas across the allocation: Carrington Village, Sale West, Partington East and Warburton Lane.

Residential development

11.413 The New Carrington site will deliver around 4,300 homes in the plan period and up to 5,000 new homes in total. High quality design will be essential to ensuring the successful integration of development with existing communities and in delivering a positive step change in the local area.

11.414 Some areas of the site have particularly high sensitivity and will require additional work to be undertaken in advance of any planning application to ensure that any impacts can be suitably addressed. The land to the west of Warburton Lane was previously designated as safeguarded land in the Trafford Core Strategy and is a particularly sensitive parcel. The New Carrington Historic Environment Assessment 2020 identified that the area has potentially significant heritage value and it is therefore necessary to take a cautious approach to the development potential of this area in advance of the necessary investigative works being undertaken. The site is also located on the periphery of the Carrington allocation and any future planning application will therefore need to demonstrate how the site can be integrated with Partington to the north and the wider New Carrington development area. Such measures will need to include pedestrian / cycle crossings over the Red Brook linking to Oak Road, providing well lit, safe access to Partington. The high level phasing of the New Carrington site has taken a cautious approach and development of this parcel is not expected to come forward within the GMSF plan period, recognising the significant issues which development in this area will need to overcome.

11.415 The site will primarily deliver family housing at a medium density to meet the identified need and reflect the existing residential communities around the site. Slightly higher densities of 40 dph are appropriate close to the existing Partington and Sale West communities, which reflects and builds on existing suburban development to create a sustainable urban extension. A lower density of 25 dph is appropriate on the land at Warburton Lane to reflect the rural character of this area and the need to avoid assets of heritage significance. Higher density development (up to 55dph) will be appropriate in and close to the local or neighbourhood centres. Development should be innovatively designed across the site to deliver the specified density whilst acknowledging the local landscape character and site characteristics.

11.416 Trafford has an acute affordable housing need and this site offers an opportunity to deliver affordable housing on a greenfield site. A minimum of 15% affordable housing contribution is required across the whole allocation, however, regard will be given to the distinct Character Areas identified within the New Carrington allocation: Carrington Village, East Partington, Sale West and Warburton Lane in determining an appropriate contribution. Further guidance will also be provided in the Carrington Masterplan / SPD and the Trafford Local Plan.

Employment development

- 11.417** Employment development will be located in the north western area of New Carrington, largely on existing brownfield land. This is the most appropriate use in this area considering the existing COMAH zone constraints. The employment land will make an important contribution to Greater Manchester's overall employment land needs and provide a strategic employment location in the south of Greater Manchester. Careful consideration should be given to the design of the employment development to ensure that it is well connected and integrated with the surrounding residential development.
- 11.418** The site is close to deprived communities in Partington, Carrington and Sale West and it will also be accessible by bus and tram to other deprived areas in Trafford. Therefore targets for the training and employment of local people could, therefore, be agreed between the developers, the local colleges and the Local Authority to ensure local people, particularly from these more deprived communities, benefit from training and new jobs as a result of the development.

Delivery and phasing

- 11.419** Development of the New Carrington site will need to be phased alongside the necessary infrastructure to ensure a successful, sustainable development. A high level, indicative phasing plan has been developed which recognises the distinctive character areas and demonstrates the deliverability of the site. A more detailed development and infrastructure phasing plan will be required as part of the Masterplan / SPD. It is expected that multiple residential sites will be delivered alongside each other throughout the plan period in order to maximise the delivery rate and cater for the distinct market areas.
- 11.420** All development will be expected to make a proportionate contribution to necessary infrastructure, including transport, social and green infrastructure. Further details on supporting infrastructure requirements will be set out in the Masterplan / SPD together with information on trigger points for when infrastructure including road improvements, new schools and link roads will be required linked to the development trajectory.

Transport, integration and accessibility

- 11.421** A significantly improved active travel and public transport network is central to the success of the New Carrington allocation. Development will be designed to support walking and cycling, encouraging sustainable short journeys and promoting healthier lifestyles. The development should have regard to the Greater Manchester Transport Strategy 2040 refresh, providing improved links to the city centre, enhancing sustainable travel links to/from New Carrington and Flixton Station, as well as contributing to east-west links to Altrincham and Salford through the use of the disused rail route. This route will deliver the Carrington Greenway providing an important active travel link to Irlam Station, as well as a potential future public transport corridor.

- 11.422** Public transport from the New Carrington area is currently unattractive in relation to the private car and it will therefore be essential for the development to provide genuinely attractive alternatives. This will require significant investment in bus priority measures (potentially including bus gates, dedicated bus lanes or busways and priority and signalised junctions) to minimise any delay from congestion on key roads.
- 11.423** The New Carrington Transport Locality Assessment provides a high level assessment of current highways infrastructure and identifies key transport interventions which will be required to mitigate the impact of the New Carrington allocation. The Carrington Relief Road, a new strategic link through the site, is integral to delivering the development at New Carrington, providing increased capacity and access to the development parcels. Development proposals within the New Carrington allocation will need to make a proportionate contribution to the Carrington Relief Road, as well as other highways infrastructure across the site.
- 11.424** The New Carrington Transport Locality Assessment also identified key highway junctions which will require intervention to mitigate the impact of development, as well as other link roads which will be required to access development parcels within the site. The detailed design of these interventions will be determined by Transport Assessments to fully understand the impact of the development and to identify appropriate solutions.
- 11.425** These transport infrastructure improvements will enhance the attractiveness of New Carrington as an employment and residential location and also promote modal shift from car travel to sustainable travel modes.

Community facilities

- 11.426** A new local centre, located in the east Partington character area, will be a hub for community infrastructure and will service the needs of the new community. Smaller neighbourhood centres will also provide local community hubs at Sale West and Carrington Village. The large number of new residents will also help to support existing shops and services in the surrounding area, such as the Partington Local Centre.
- 11.427** The site will be an attractive location for families and this will generate an additional demand for school places. The development will need to provide new facilities for primary and secondary education. Development will also be required to provide new and improved health facilities to support the new community.

Green Belt

- 11.428** The development will require the removal of some land from the Green Belt; but a significant area of Green Belt will remain within the allocation through the middle of the site which will prevent the merging of Carrington/Partington and Sale West. This green wedge will also provide an attractive setting for the development and will be an important green resource. It will include features which characterise the landscape such as the existing woodlands, hedgerows and rides. The wedge will be protected as a green infrastructure corridor, connecting Sinderland Brook to the Mersey Valley in the north.

Green Infrastructure

- 11.429** The New Carrington site has been identified as a Green Infrastructure Opportunity Area and has the potential to deliver significant improvements to the green infrastructure network. The development will enhance existing green infrastructure characteristics across the site and other open spaces. Enhancements to the mature tree belt along the existing Sale West boundary (which forms part of Dainewell Wood) will contribute to the green setting of the Sale West extension as well as improved access and green infrastructure enhancement to the green spaces identified at Sale West which are protected from development. Improved access within and through these parcels will be a priority and should include enhancement of the Trans Pennine Trail. Where green spaces remain in the allocation area that is to be removed from the Green Belt, the highest level of protection will be applied in accordance with the Trafford Local Plan.

Natural Environment

- 11.430** The development will need to have regard to existing ecological features and should seek to enhance these as part of the development. This includes the habitats and green corridors along Sinderland Brook and Red Brook.
- 11.431** Parts of the allocation also support organic soils (peat) which, when taken together with a low-lying topography and existing nature conservation interest, makes the area particularly suitable for restoration to important wetland habitats. Much of the area which is suitable for wetland restoration is within the identified Green Belt gap and it will therefore be protected from development; other locations across the site will also be considered in relation to their wetlands potential. The Carrington area is included in the Great Manchester Wetlands Nature Improvement Area and has been identified as a potentially important part of a developing Wetlands Ecological Network. In addition, the conservation of organic soils will help to reduce carbon emissions.
- 11.432** A project specific Habitats Regulation Assessment will be required for all development proposals of over 50 units / 1,000 sqm floorspace, as the site has the potential to result in increased traffic on the M62 motorway by 2040. Whilst it is recognised that New Carrington does not have direct connectivity to the M62 a precautionary approach has been taken considering the scale of this allocation. The M62 passes close to designated European sites known to be susceptible to traffic pollution, particularly nitrate deposition.

Landscape

- 11.433** Much of the Carrington / Partington area is currently undeveloped and open, development proposals will therefore be required to consider the landscape setting of the site and enhance the transition from the urban edge to the open countryside, having regard to views/vistas into and out of the site, as well as sensitive receptors through the retention of existing natural features and the introduction of additional tree planting and vegetation to soften new development. Areas of the site, such as Warburton Deer Park and Carrington Moss, have particularly high landscape sensitivity and therefore development proposals in these areas will need to demonstrate how any landscape impact can be appropriately mitigated.

Design

- 11.434** The New Carrington development will need to set a new high quality design standard for this area and development should draw upon the guidance in the Council's adopted Design Guide. Specific parameters for the development of the site will be set out in the Masterplan / SPD.
- 11.435** The development will reduce the isolation of existing communities at Carrington, Partington and Sale West, and to fully achieve this, it will be essential for development to be carefully integrated with the existing communities. Issues such as design and linkages through the site should be carefully considered.

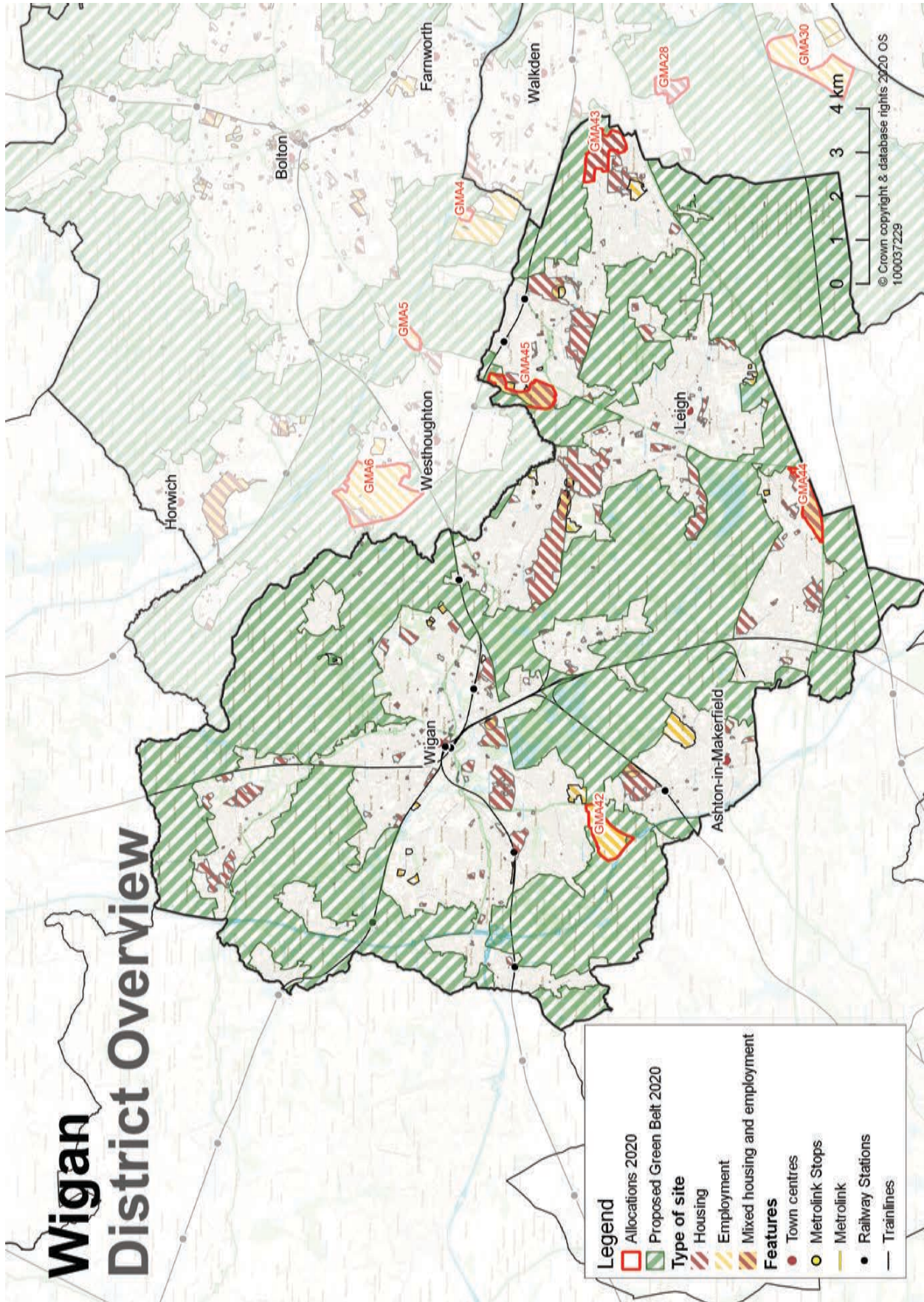
Historic Environment

- 11.436** The New Carrington Historic Environment Assessment considered the characterisation of the site in respect of the known archaeological, built heritage and historic landscape within the allocation. It assessed the potential for the development to affect designated and non-designated heritage assets and this has been taken into account in considering an appropriate development quantum for the site. The area of highest archaeological potential is land to the south of Partington and to the west of Warburton Lane, which has been identified as a potentially significant medieval deer park. Other areas of the Carrington site which are of potentially high value include areas of peat where assessments to establish the depth and condition of any remaining peat will be required. For the areas of highest archaeological value, work will need to be undertaken in advance of any planning application to understand the heritage significance of these areas. A suitable mitigation strategy should be developed which also identifies opportunities to enhance the heritage assets.
- 11.437** The Historic Environment Assessment also identified the designated and non-designated built heritage assets, their settings and important views that enhance the historic character and identity of the area. The Assessment makes recommendations for mitigation, and identifies opportunities for enhancement. Further archaeological investigation and a Heritage Impact Assessment will be required as part of future planning applications.

Utilities, Environmental Protection and Climate Change

- 11.438** A high quality, coordinated drainage strategy will be required for New Carrington which is integrated with the green and blue environment and which is a key component of the new high quality design standard for the area. Landowners / developers will be expected to work together in the interest of sustainable drainage and if pumping stations are identified as necessary, the strategy will demonstrate how the number of pumping stations is minimised so to avoid a proliferation of pumping stations between phases. Where necessary, the strategy must be updated and agreed with the local planning authority to reflect any changing circumstances between each phase of development.

- 11.439** Opportunities will also be explored to maximise the potential of the Sinderland Brook in terms of urban flood management. The brook currently has a rating of ‘moderate’ under the EU Water Framework Directive, and the development should seek opportunities to improve this to ‘good’.
- 11.440** The allocation includes the former Shell Carrington industrial estate and other industrial land uses. Prioritising development across these areas provides an opportunity to bring previously developed land back into beneficial use. However in doing so new development will need to ensure that any contamination risks are appropriately remediated and do not give rise to the pollution of any watercourse or groundwater and/or present risks to human health. The area is particularly sensitive for the water environment given its location above a Principal Aquifer and nearby surface waters (including the River Mersey and Sinderland Brook).
- 11.441** Noise mitigation such as woodland buffers and landscape bunds will ensure major transport corridors and employment uses are not seen to be bad neighbours to development.

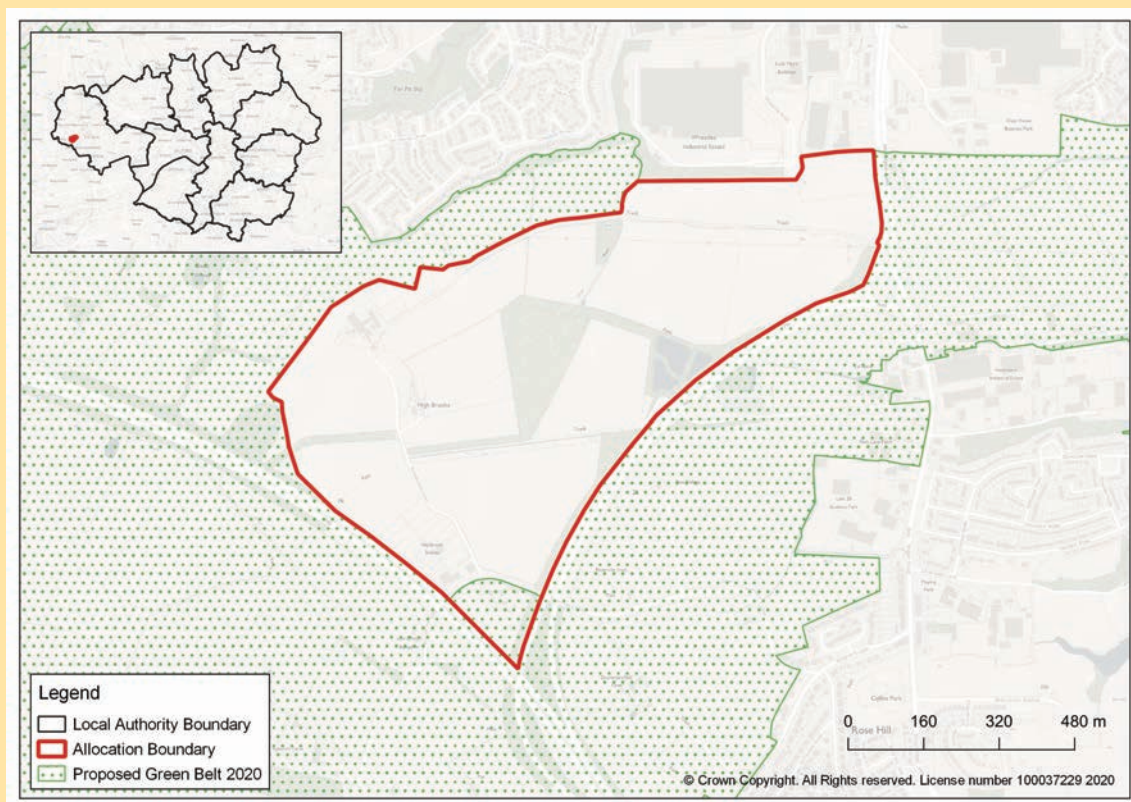


Picture 11.58 Wigan District Overview

M6 Junction 25

Policy GM Allocation 42

M6 Junction 25



Picture 11.59 GMA 42 M6 Junction 25

Development of this site will be required to:

1. Be in accordance with a masterplan that is agreed with the Council and is effectively informed by detailed site investigations and other constraints;
2. Deliver around 140,000 sqm of high quality B2 and B8 employment floorspace;
3. Provide good quality road access from the M6 motorway and the A49, whilst making sure that it has no significantly adverse effect on the motorway or other surrounding roads;
4. Ensure that the employment development is accessible by walking and cycling from Winstanley, Hawkley and Bryn, and from bus services in those areas, including on the A49 through the provision of a safe pedestrian crossing;

5. Incorporate high quality landscaping within the site and along sensitive site boundaries to minimise its visual impact on the wider area, including the A49 road frontage, the remaining Green Belt to the north, and around each building within the site;
6. Incorporate a landscaped green infrastructure corridor, with walking and cycling links, connecting the A49 to the remaining area of Green Belt to the north, and ensure suitable diversions to public rights of way as necessary, with good links to the footbridge over the M6 motorway;
7. Provide an internal road connection with Wheatlea Industrial Estate;
8. Provide easements for the significant utilities infrastructure running through the site;
9. Allow for the provision of an all-ways junction at Junction 25 and the ability for more direct access from the motorway once provided, subject to agreement by Highways England.

11.442 The M6 Junction 25 site presents a major opportunity to provide a high quality location for substantial employment development in the M6 corridor. A masterplanning process will guide the future delivery of this major development scheme.

11.443 The M6 is a major business asset. It is the UK's most important strategic route for freight movement between the north and south of the country, and Wigan is the only district in Greater Manchester which has direct access to it. The site is large, relatively unconstrained, directly accessible to the motorway and has a long visible frontage along it. These attributes make the site highly attractive to the market, including key growth sectors such as logistics and advanced manufacturing which are growing rapidly in the North West, primarily due to its strong global connections including Manchester Airport and the new deep water port at Liverpool 2.

11.444 There is a significant demand and requirement for large scale logistics development within the M6 Corridor. Yet, despite its strategic location, Wigan currently does not have the sites to attract this demand. This site has the scale, prominence and motorway connectivity to satisfy this demand and deliver new jobs and investment for the local economy.

11.445 Junction 25 is the main gateway into Wigan from the south and an all-ways junction would enhance the economic profile of the borough whilst taking full advantage of its strategic location, which will have sub-regional benefits. The site also has the potential to provide a connection to the adjacent established Wheatlea Industrial Estate, so that it also has improved access to the M6.

11.446 Land to the south of the Winstanley residential area has been retained within the Green Belt and will provide a robust green infrastructure corridor. In addition to safeguarding residential amenity, this green corridor will open up the site for wider public access, including suitable diversions to public rights of way as necessary, with good links to the footbridge over the

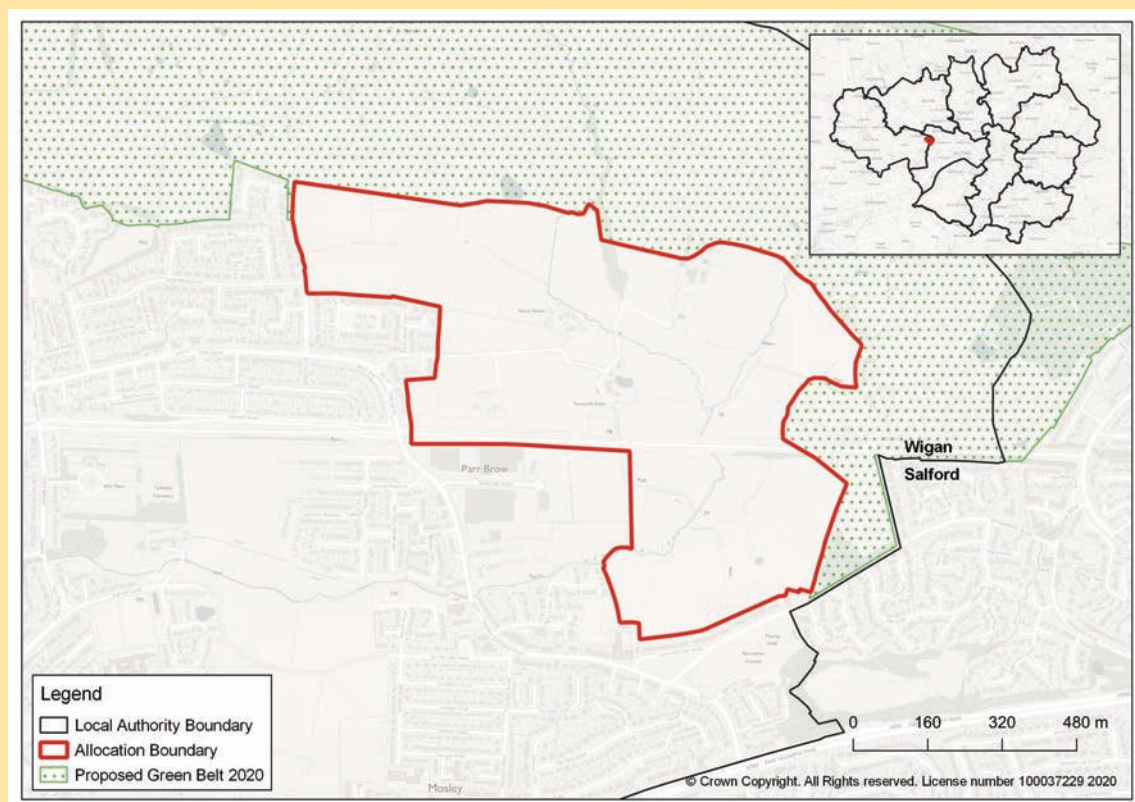
M6 motorway. It will also provide enhanced walking and cycling opportunities for local residents to the Wigan Flashes to the east, which are a major environmental and recreation resource in the borough. A safe crossing of the A49 Warrington road will need to be provided.

- 11.447** It is important that provision is made for this employment site to be safely and conveniently accessed from nearby residential areas by walking, cycling and bus services, to enable local people to take advantage of the job opportunities that it will provide and to reduce car dependency in the area.
- 11.448** In order to make the site attractive to potential occupiers and to minimise any adverse visual impacts, high quality landscaping is required within the site and along sensitive site boundaries, including the A49 road frontage and the remaining Green Belt to the north. The development must also provide easements for the significant utilities infrastructure that runs through the site.

North of Mosley Common

Policy GM Allocation 43

North of Mosley Common



Picture 11.60 GMA 43 North of Mosley Common

Development of this site will be required to:

1. Be in accordance with a masterplan that is agreed by the Council, and is effectively informed by detailed site investigations, an archaeological assessment, the presence of priority habitats and other constraints;
2. Deliver around 1,100 new homes with higher densities close to existing and new bus stops on the LSM Guided Busway as applicable;
3. Provide an additional stop on the guided busway and/or new / improved pedestrian and cycle links to existing busway stops, and contribute proportionally and meaningfully to increasing passenger capacity on the busway at peak times, subject to full detailed busway service analysis with Transport for Greater Manchester;
4. Ensure that good quality road access is provided into the site including from Mort Lane, City Road, Bridgewater Road and Silk Mill Street;
5. Deliver necessary highway capacity improvements to mitigate the impact of the full development, including at the junction of the A577 Mosley Common Road and the A580, Bridgewater Road and B5232 Newearth Road, and A5082 Armitage Avenue and the A6, as applicable;
6. Ensure safe and convenient access for pedestrians and cyclists to services and amenities in Tyldesley, Mosley Common and Ellenbrook, and to bus services on the surrounding road network and LSM Guided Busway, through the retention and enhancement of existing public rights of way and the creation of new footpaths, including links across the guided busway corridor, where appropriate;
7. Provide new community and health facilities on-site, potentially as part of a new local centre, or an equivalent financial contribution as appropriate, to meet additional demand generated by the development;
8. Provide new primary education facilities on-site, as a new school and/or as an expansion to St John's Mosley Common Primary School, unless it is determined by the council that it is not needed; and provide a financial contribution to meet the demand generated by secondary school pupils;
9. Protect and enhance the environs of Honksford Brook through the creation of a green infrastructure corridor, including safeguarding land for a flood storage area to mitigate the risk of flooding downstream;
10. Provide a robust landscaped boundary with open countryside in the Green Belt to the North; and
11. Provide necessary easements for the gas pipeline that crosses the western part of the site.

-
- 11.449** Mosley Common and Tyldesley are located close to Salford and Manchester and offer an attractive location to help meet the city region's housing needs to the west of the conurbation.
- 11.450** The site forms a logical eastern extension to Tyldesley and maintains a substantial Green Belt gap with Walkden to the north east. It is a relatively flat and unconstrained site with capacity for around 1,100 homes in a sustainable location.
- 11.451** This site significantly benefits from the Leigh-Salford-Manchester Guided Busway which crosses the site providing direct and sustainable rapid public transport access to employment, leisure and retail services within Manchester City Centre and other places along its route. The busway opened in April 2016 and has strong patronage, with extra services added in 2017 to meet demand. There is an opportunity to create a new stop within the site to serve the development and increase the frequency of the service. Higher residential densities are appropriate and could be achieved close to any new stops and also the existing stop on Sale Lane to the west of the site. Provision will need to be made for pedestrian/cycle links from the development to busway stops.
- 11.452** The site is also well connected to the highway network with direct access to the A577 to the west and a short distance to the A580 to the south, which is the main non-motorway route between Manchester and Liverpool. However, the A577/A580 junction is regularly congested at peak times, therefore the development will be required to contribute significantly towards the delivery of highway capacity improvements at this junction and other junctions as applicable. Good quality road access will need to be provided into the site from the local highway network.
- 11.453** Walkden railway station is located within 2km of the northeast of the site and a number of bus routes, in addition to the guided services, connect the site to the wider area. Both Walkden Town Centre in Salford and Tyldesley local centre are within 2km of the site and provide a range of retail and community facilities, with additional facilities available locally in Mosley Common and Ellenbrook. Safe and convenient routes for pedestrians and cyclists will need to be provided from the development to enable residents to access these services and facilities. They will benefit the development and complement associated community facilities provided on the site, which could be developed as part of a new local centre. Alternatively financial contributions could be required, if appropriate, to meet additional demand generated by the development in a location off-site.
- 11.454** In terms of educational provision, new primary education facilities will be required on-site, as a new school and/or as an expansion to St John's Mosley Common Primary School which lies adjacent to the site, unless it is determined by the Council that this provision is not needed. A financial contribution will be required to meet the demand generated by secondary pupils.
- 11.455** Honksford Brook, which is classed as a main river, crosses the site and should be regarded as a priority green infrastructure asset. As such the habitat corridor should be protected and enhanced. Given its size, the site has potential to create significant volumes of runoff if

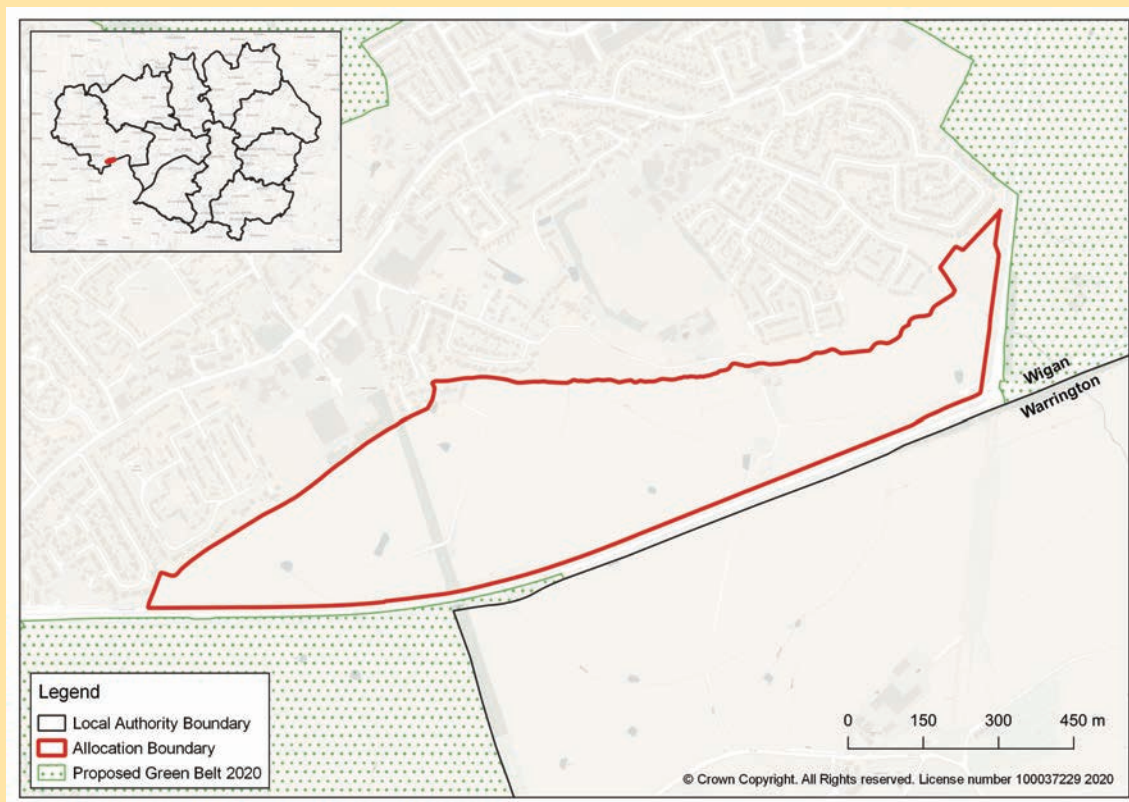
infiltration is not possible. This will be mitigated through the safeguarding of land as flood storage areas within the allocation and through the provision of sustainable drainage systems as appropriate.

- 11.456** In order to ensure that a co-ordinated approach is taken to the delivery of this site, a masterplan will need to be prepared and agreed by the Council. The design and layout will need to be informed by relevant site investigations, an archaeological assessment, the presence of priority habitats and other constraints and opportunities provided by the site. A robust landscaped boundary will need to be provided to the north of the site to limit its impact on the adjacent open countryside in the Green Belt. The development will also be required to provide easements for the gas pipeline that crosses the western part of the site.

Pocket Nook

Policy GM Allocation 44

Pocket Nook



Picture 11.61 GMA 44 Pocket Nook

Development of this site will be required to:

1. Be in accordance with a masterplan that is agreed with the Council and is effectively informed by an archaeological assessment and other constraints;
2. Safeguard a north-south corridor towards the west of the site allocation for the construction of High Speed 2 Rail;
3. Deliver around 600 homes; including around 75 homes to the west of the proposed HS2 route on land accessed from Rowan Avenue;
4. Deliver around 15,000 sqm of employment floorspace on land to the west of the proposed HS2 route accessed from Newton Road;
5. Deliver or contribute effectively to the delivery of, a new road through the site from A579 Atherleigh Way to A572 Newton Road (via Enterprise Way), including a new bridge over the HS2 rail line as necessary, that is of a design quality to accommodate bus services, safeguarding the route for future construction where applicable;
6. Ensure safe and convenient access for pedestrians and cyclists within the site and to services in Lowton, including Lowton High School, employment sites, neighbouring housing areas and green spaces within and adjacent to the site;
7. Protect and enhance the environs of Carr Brook through the creation of a green infrastructure corridor;
8. Ensure that groundwater resources are not jeopardised through the construction process or uses thereafter; and
9. Ensure that the heritage setting of the Grade II Listed Fair House Farmhouse on Pocket Nook Lane is retained or enhanced.

11.457 Within the East Lancashire Road Corridor, the Pocket Nook strategic area provides an opportunity for a substantial housing and employment development. The principle of development on this site is established in the adopted Wigan Local Plan Core Strategy, which identifies the site within a broad location for new development.

11.458 Lowton is a popular residential area with excellent road connections into both the Manchester and Liverpool City Regions via the A580 and is also in close proximity to the M6.

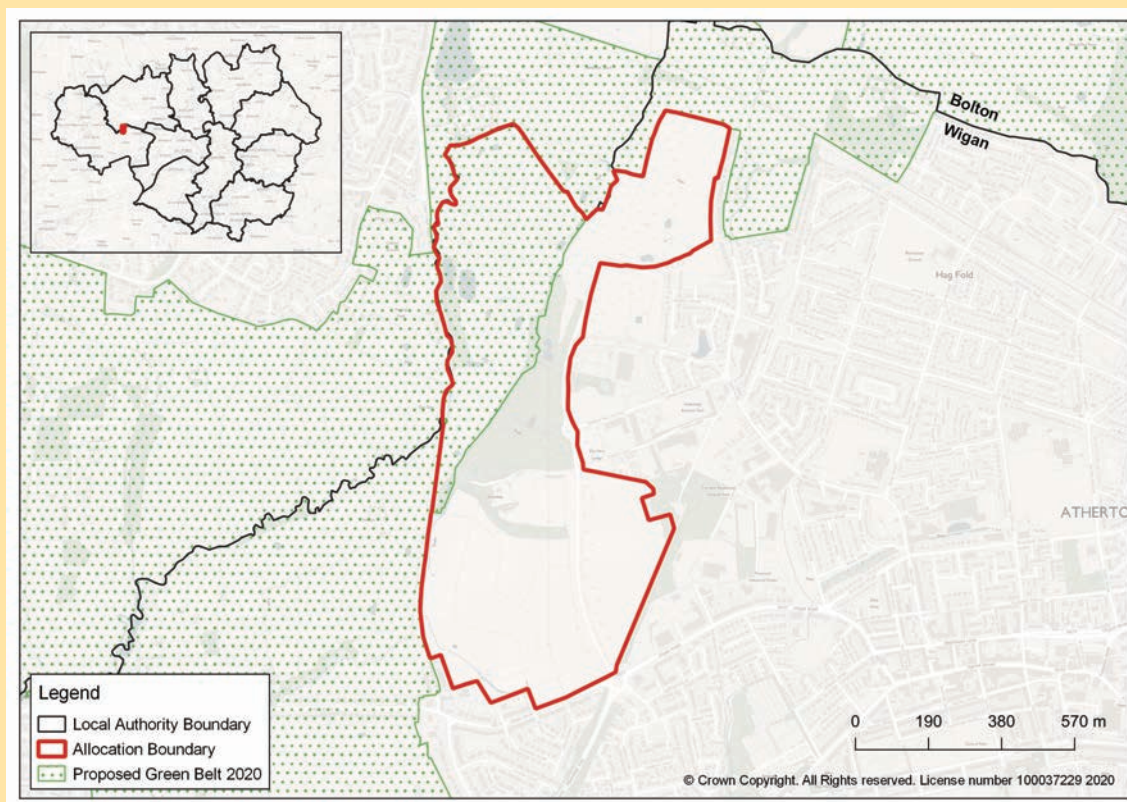
11.459 There is potential to enhance sustainable travel opportunities by foot, cycle and public transport in the Lowton and Golborne area for employment and other services in Leigh and the city centre, consequently reducing car dependency in this area; and, with possible connections to Leigh Guided Busway services. It is also important that safe and convenient pedestrian access is provided to green spaces within and adjacent to the site.

- 11.460** The proposed alignment of HS2 runs parallel to the route of a dismantled railway which runs north-south through the west of the site. HS2 will result in the demolition of existing business units to the north of the site on Enterprise Way which will need to be relocated. A buffer zone of 60 metres either side of the route needs to be kept free from development to enable access and for servicing.
- 11.461** The site will be principally served from a new junction on the A579 Atherleigh Way, close to its junction with the A580. The development will deliver a new road from Atherleigh Way to the east through the site to Newton Road in the west, and will need to bridge the proposed HS2 route. The new road will connect into Newton Road on land close to its existing junction with Enterprise Way. The road will serve both new housing and employment development and will be able to accommodate bus services;
- 11.462** A small parcel of residential development on the western edge of the site is accessible from Rowan Avenue;
- 11.463** Carr Brook, which is classed as a main river, crosses the site and should be regarded as a priority green infrastructure asset. As such the habitat corridor should be protected and enhanced.
- 11.464** Three Groundwater Source Protection Zones have been identified either within or immediately adjacent to the northern boundary of the site. The design of new development should ensure that there are no adverse impacts to groundwater resources or groundwater quality and ensure compliance with the Environment Agency approach to groundwater protection.
- 11.465** Fair House Farmhouse on Pocket Nook Lane is a Grade II Listed Building. The building is important in many respects, not least as an example of timber-framing in an area where little remains. In order that its heritage setting is retained or enhanced consideration needs to be given at a detailed stage to the treatment of the northern portion of the site to ensure that any development harmonises with the wider setting of the Listed Building and it does not harm its heritage values and significance.
- 11.466** To ensure that a co-ordinated approach is taken to the delivery of this site, a masterplan will need to be prepared and agreed by the Council. The design and layout, including infrastructure provision, will need to be informed by an archaeological assessment and other constraints and opportunities provided by the site.

West of Gibfield

Policy GM Allocation 45

West of Gibfield



Picture 11.62 GMA 45 West of Gibfield

Development of this site will be required to:

1. Be in accordance with a masterplan that is agreed by the Council, and is effectively informed by detailed site investigations, an archaeological assessment and other constraints;
2. Deliver around 500 new homes;
3. Deliver around 45,500 sqm of B1, B2 and/or B8 employment floorspace in the south east of the allocation, as a logical extension to the existing Gibfield Park Industrial Area;
4. Ensure good quality road access is provided into the site, including through an extension of Gibfield Park Way northwards. A route for the continuation of Gibfield Park Way further northwards to the rail line should be safeguarded, to connect into potential future road infrastructure to be provided in Bolton;

5. Provide highway improvement measures at the junction of the A577 and Gibfield Park Way, and make effective contributions towards highway improvement measures including at Platt Lane and/or Chequerbent roundabout / Junction 5 of the M61 in Bolton, necessary to mitigate the development;
6. Ensure convenient and safe access for pedestrians and cyclists to local bus services and to Daisy Hill and Hag Fold rail stations, and contribute appropriately to improved passenger facilities at those rail stations, as applicable;
7. Provide a high quality, landscaped corridor along Gibfield Park Way, through the planting of street trees and other strategic landscaping;
8. Provide a substantive accessible green infrastructure corridor and country park on land remaining in the Green Belt within the allocation, and ensure ongoing arrangement for its maintenance, agreed with the Council;
9. Make appropriate provision for Great Crested Newts sufficient to mitigate the development;
10. Provide easements for the significant utilities infrastructure running through the site; and
11. Safeguard the amenity of existing and future homes from the employment development, through appropriate screening and landscaping.

11.467 The West of Gibfield area provides an opportunity for a substantial housing and employment development to the west of Atherton. The employment development will extend the existing Gibfield Park Industrial Area and is considered suitable for B1, B2 and/or B8 employment floorspace. The development will include new green infrastructure serving Atherton and Daisy Hill, Westhoughton.

11.468 The M61 corridor is a strategic opportunity for Greater Manchester but while Atherton, Hindley and Leigh are close to the M61, existing routes to the motorway are constrained and not conducive to attracting economic development. Improved road infrastructure between Gibfield Park Way and Junction 5 of the M61, via the Chequerbent junction on the A6, will be transformative for the area. The development is therefore required to extend Gibfield Park Way northwards as far as possible within the allocation and safeguard sufficient land to allow for a potential future extension to the A6 and M61 in Bolton;

11.469 Highway improvement measures will be needed to mitigate the impact of the development, notably at the junction of the A577 and Gibfield Park Way and between the site and the A6 and Junction 5 of the M61 in Bolton. The development will be required to make an effective contribution to the provision of these measures.

- 11.470** There is also a need for strategic improvements to services along the Atherton railway line between Wigan and Manchester, via Daisy Hill station, specifically to increase capacity at peak times, and increase service frequencies and extent. The increased use of the existing rail line could include its conversion to tram-train use, enabling greater frequency of services. This development is required to ensure good access to Daisy Hill and Hag Fold stations for pedestrians and cyclists and contribute appropriately to passenger improvements at those stations.
- 11.471** The green infrastructure requirement will need to be delivered in advance and alongside the housing development and should provide effectively for a country park with wildlife habitats and recreational space. Appropriate provision should be made to mitigate the impact of the development on great crested newts that are present in the area. The ongoing maintenance of the country park will need to be agreed with the Council.
- 11.472** In order to make the site attractive to potential occupiers and to safeguard the amenity of existing and future residents, high quality landscaping is required within the site and along sensitive site boundaries, including the provision of appropriate screening from the employment development. Street trees and other strategic landscaping will be required along Gibfield Park Way, which is the key route through the site.
- 11.473** To ensure that a co-ordinated approach is taken to the delivery of this site, a masterplan will need to be prepared and agreed by the Council. The design and layout will need to be informed by site investigations, an archaeological assessment and other constraints and opportunities provided by the site. The development will be also required to provide easements for the significant utilities infrastructure that runs through the site.



Delivering the Plan

- 12.1** The Greater Manchester Strategy (GMS) sets out a clear vision for Greater Manchester. The GMSF has a vital role in delivering this vision but many of the necessary actions lie outside its scope and will be taken forward through other Greater Manchester strategies, plans and programmes. Delivering these ambitions is a challenge but our history demonstrates that we are able to rise to this challenge. The level of growth proposed will require substantial amounts of investment from both the public and the private sector. It is therefore important that the GMSF is supported by sources of funding and delivery mechanisms that are both timely and appropriate.
- 12.2** There are a number of adopted or emerging Greater Manchester strategies and plans which relate to different infrastructure provision or influence the policy direction within the GMSF, for instance the Infrastructure Strategy, Housing Strategy, Greater Manchester Transport Strategy 2040 refresh, Estates Strategy, Health and Social Care Strategic Plan, 5 year Environment Plan and the Natural Capital Investment Plan. Please see each of these strategies for their own methods of delivery.

Implementation

- 12.3** In implementing the policies and proposals within the GMSF, the Mayor, GMCA and Local Authorities will all have important roles, and should make best of all appropriate delivery mechanisms available, including:
- Working in partnership with other delivery agencies and organisations such as Homes England, the Environment Agency, Sport England, Highways England, Transport for Greater Manchester and utilities companies to ensure that essential infrastructure is provided.
 - Working in partnership with landowners, developers and other private sector organisations to secure deliverable development proposals and investment.
 - Establishing Mayoral Development Corporations, and preparation of Local Plans, Local Development Orders, Supplementary Planning Documents, Masterplans and other frameworks to provide context and support for site and area-specific delivery.
 - Support for Neighbourhood Planning and other local and community-led initiatives.
 - Application of the Development Management process and other relevant regulatory functions.
 - Use of compulsory purchase powers to assist with site assembly.
 - Proactive use of publicly owned land holdings to assist in land assembly and the delivery of development.
 - Use of Government grants, other sources of funding and prudential borrowing.
 - Use of Section 106 agreements to secure affordable housing and other types of planning obligations.
 - Use of tariff-based systems such as the Strategic Infrastructure Tariff and Community Infrastructure Levy for infrastructure delivery, where appropriate and in with the most current statutory regulations.
 - Use of other sources of funding such as the lottery fund and other initiatives as they arise.

- 12.4** We will work in a collaborative approach with the ten Greater Manchester boroughs, infrastructure providers, national government, regulators and others involved in infrastructure planning and funding, to ensure the effective development and implementation of the infrastructure needed to support the delivery of the vision and objectives set out in this Framework.

Policy GM-D 1

Infrastructure Implementation

To make this happen we will:

1. Take a long term, strategic, holistic and integrated approach to place shaping, supported by devolved resources and powers. Utilising the spatial locations set out in this plan a place-based approach will be undertaken to overcome barriers, achieving prosperity and opportunity;
2. Promote collaboration and synchronisation of investment plans between ourselves and the main infrastructure providers: Clinical Commissioning Groups, the NHS, Highways England, Network Rail, Transport for Greater Manchester, United Utilities, the Environment Agency, National Grid, Cadent, United Utilities and digital/telecommunication providers;
3. Work directly with the infrastructure providers and regulators (including Ofcom, Ofwat and Ofgem) to ensure that future investment plans are consistent with the GMSF;
4. Establish a new long-term funding mechanism for transport and site specific infrastructure to ensure timely delivery and capture of developer contributions;
5. Encourage early dialogue between developers and infrastructure providers to identify the infrastructure needs arising from new development and ensuring that these are addressed through building design, utility networks and connections in time to serve the proposed development;
6. Require applicants to prepare an infrastructure phasing and delivery strategy for strategic sites, and major sites where build out will be delivered by different developers or in phases. This strategy must outline what needs to be provided by when and who will fund and deliver it;
7. Ensure that development does not lead to capacity or reliability problems in the surrounding area by requiring applicants to demonstrate that there will be adequate utility infrastructure capacity, from first occupation until development completion. As a minimum, applicants should identify and plan for:
 - Minimising the demand for energy, water and utility services by requiring sustainable building design and the incorporation of demand management measures within all new development and conversions where practicable;
 - Electricity supply to serve the construction phase and the intended use for the site, and identify, in conjunction with electricity providers the estimated load capacity of the building and the substations and routes for supply;
 - Reasonable gas and water supply, considering the need to conserve natural resources;

- The provision of multiple-ducting to support full fibre digital connections from different providers;
 - Heating and cooling demand and the viability of its provision via decentralised energy networks. Designs must incorporate access to existing networks where feasible and viable; and
 - Where potential capacity problems are identified and no improvements are programmed by the relevant infrastructure provider, we will require the developer to facilitate appropriate improvements which may require the provision of space within new developments for on-site infrastructure, or contributions towards.
8. Work with infrastructure providers to minimise disruption to highways and businesses during major infrastructure upgrades and pipe subway construction; and
 9. Promote the provision and use of shared routing, trenching and programming particularly in areas where there is extreme pipe and cable congestion under the streets to reduce disruption.

12.5 We have strong links with the various infrastructure providers that service the conurbation, including United Utilities, Environment Agency, Electricity North West, Cadent (gas) digital/telecommunication providers. The continuation of this co-operative working relationship is key to ensuring delivery of this policy. Developers, landowners and building occupants also have a role to play in demand management, early engagement with utility providers and co-operative working to avoid disruption.

Infrastructure Strategy

12.6 The quality, distribution and resilience of infrastructure will be an important factor in determining whether the GMS and consequently the GMSF, is successfully implemented and delivered. Infrastructure is essential to support the delivery of the vision and objectives of the GMSF.

12.7 The capacity of the utility network to accommodate increased demand is considered generally robust. However, population, economic growth and changes in technology will increase demand, both for new and for existing infrastructure. Combined with a backlog of capital investment, historically low levels of investment compared to other countries and continually growing and changing expectations for infrastructure requirements over the next thirty years will be substantial. This is why we are working with the Government through the Local Industrial Strategy to ensure that the right powers and funding are in place to ensure the timely delivery of the right infrastructure in the right place at the right time.

12.8 An Infrastructure Framework for Greater Manchester has been produced. It frames the key issues and priorities which need to be addressed and sets out:

- The key trends affecting Greater Manchester's Infrastructure to 2040
- How these trends will affect each infrastructure network
- The eleven challenges that will have to be overcome through a series of responses

- 12.9** The Greater Manchester Strategic Infrastructure Board includes representatives from United Utilities, Electricity North West, Cadent, Environment Agency, Transport for Greater Manchester as well as GMCA officers and Chief Resilience Officer. This year the Strategic Infrastructure Board will consider and respond to the issues and challenges raised by the Infrastructure Framework, it will advise the GMCA and Local Enterprise partnership on how best to move the challenges forward from the framework into a 2040 Infrastructure Strategy and then drive forward and monitor its implementation.

Delivering New Infrastructure

- 12.10** To achieve Greater Manchester's ambitions, investment in transport infrastructure is required, as is the need to invest in enabling infrastructure, such as social infrastructure, green infrastructure, water, waste water, energy and digital connectivity.
- 12.11** The "Greater Manchester Transport Strategy 2040" (refreshed in 2020) describes our ambitions for transport in more detail. It outlines how significant investment in sustainable modes of transport, in particular, will be essential to achieving this more sustainable vision for the future. The Strategy is supported by Our Five Year Transport Delivery Plan, updated annually, to set out the immediate and longer term programme for transport interventions needed to support sustainable growth. The Greater Manchester Cycling and Walking Infrastructure Proposal sets out a vision for Greater Manchester to become the first city region in the UK to have a fully joined up walking and cycling network.⁽¹³⁷⁾ To support the delivery of the proposal, a broad range of improvement measures will be required, varying from route to route, including the provision of easy crossing points, innovative approaches to junction design, and the creation of fully segregated cycleways. The availability of future funding, particularly from central government, will be a key determinant of the extent to which the necessary improvements to our connectivity and transport infrastructure can be achieved. New development will also have a significant role in supporting the delivery of new and improved transport infrastructure and services.
- 12.12** There is a growing need for social infrastructure across Greater Manchester, in particular to support education and health provision. Central government provides the majority of the capital funding through the basic need grant and Department for Education (DfE) free school programme to create school places and to carry out capital maintenance and repair work to existing school buildings, supplemented by capital contributions from individual local authorities. Since 2013, Public Health has been the responsibility of local authorities, which allows for a more joined-up approach to the delivery of public health policies and facilities. In April 2016, Greater Manchester became the first region in the country to take control of its combined health and social care budgets. As part of this, a key aim is to better integrate health and social care services including wider community health services. Local Authorities work with Clinical Commissioning Groups and NHS England to determine what investment is required by monitoring housing and population growth. Contributions secured through Section 106 agreements can be used to support the provision of new social infrastructure facilities, particularly in Strategic Allocations where there is limited existing infrastructure.

¹³⁷ Mayor of Greater Manchester, Greater Manchester Combined Authority and Transport for Greater Manchester (2018): Greater Manchester's cycling and walking infrastructure proposal

- 12.13** The city's green infrastructure provides a wide range of benefits and services that generate significant economic value in a cost-effective way. However, provision of green infrastructure has traditionally been the responsibility of public authorities and various public or third-sector land-management bodies. In an attempt to address the problem of not properly valuing the services and benefits of green infrastructure, the Government has committed to including natural capital accounts in the UK Environmental Accounts by 2020. This re-framing of our understanding of the economic value of green infrastructure should mean that developers are more willing to integrate green infrastructure into developments rather than considering the provision of green space as simply a condition of planning. A Natural Capital Investment Plan for Greater Manchester is being prepared which will promote investment and delivery of opportunities to protect and enhance our natural capital. This Plan will help to ensure that the economic benefits of green infrastructure can be understood alongside other key indicators of economic performance.
- 12.14** Investment in energy, fresh water and waste water infrastructure is usually funded by providers through user charges to the consumer and connections charges to developers. Spend on new assets and operating costs are agreed through negotiations between the provider and regulator. These plans are then set out at the beginning of the regulatory price-control period in the provider's business plan. Capital expenditure is funded through user charges, so utilities companies typically borrow to fund the upfront costs of investment. The scale of growth in some parts of Greater Manchester may require significant capital investment in water and energy infrastructure, so investment ahead of demand will be required to ensure the utilities are available when sites are developed. The GMCA is working with providers to ensure the investment is secured to support development at the right time.
- 12.15** New digital connectivity infrastructure is typically paid for upfront through finance or private equity investment backed by user charges and connections charges to developers. In general, decisions on where to invest in infrastructure are determined on a demand-led basis. The fast changing nature of digital technology and increasing dependence on faster broadband means that investment ahead of demand should be supported. The GMCA is working with providers to ensure the investment is secured to support development at the right time.

Funding

- 12.16** There is a significant gap between the public-sector funding required to deliver and support Greater Manchester's growth, and the amount currently committed to fund it. In some areas of the city region, major development projects are not being progressed because of the uncertainty around funding. Developments will need to deliver, or help to enable the delivery of, infrastructure required to support sustainable communities, through planning conditions, and developer contributions secured in a variety of ways. These methods include: Section 106 planning obligations, the Community Infrastructure Levy, agreements made under Section 278 of the Highways Act 1990 (as amended), or the potential introduction of a Strategic Infrastructure Tariff.

- 12.17** Planning obligations made under Section 106 of the Town and Country Planning Act 1990 (as amended), are a mechanism used to make development acceptable in planning terms through securing the provision of affordable housing or the delivery of infrastructure, or requiring development to be used in a particular way. Planning obligations must be used in accordance with national guidance and legislation, and are subject to statutory and policy tests to ensure that they are necessary to make the development acceptable in planning terms, directly related to the development, and fairly and reasonably related in scale and kind to the development. A local planning authority should set out policies which indicate the level of contributions required. Site-specific legal contracts taking account of these policies are then made on a site by site basis, securing financial sums to pay for infrastructure provision, or through ‘in-kind’ contributions. Examples of in-kind contributions include: provision of land to accommodate new facilities provided by other organisations, construction and fit-out of new facilities, or provision of ‘shell and core’ space at peppercorn rent; however any direct delivery must not contravene state aid or public procurement rules.
- 12.18** The Community Infrastructure Levy (CIL) is a locally-determined, non-negotiable, pounds-per-square metre development charge designed to help finance the delivery of infrastructure, and was introduced as a mechanism by the Government in April 2010. In contrast to Section 106, which should developer contributions for infrastructure to mitigate a specific development, CIL is intended to address the cumulative impact of developments across an area. Variations in charging rates are permitted between areas within the planning authority, as well as by different types of development, which must be set out in a published charging schedule. Local authorities are able to determine their CIL charges according to local considerations, although these are subject to two rounds of public consultation and review by an Independent Examiner. Across Greater Manchester, although most Local Authorities have initiated work on introducing a CIL, only one Local Authority has progressed work sufficiently to implement a CIL charging schedule, adopted in Trafford in July 2014.
- 12.19** The Ministry of Housing, Communities and Local Government (MHCLG) released a consultation document in March 2018 MHCLG: Supporting housing delivery through developer contributions - Reforming developer contributions to affordable housing and infrastructure. This consultation looked at proposed reforms to the system of developer contributions, covering the following areas: the Community Infrastructure Levy, Section 106 Planning Obligations, Strategic Infrastructure Tariffs and Technical Clarifications to Regulations. In this, the Government proposed to allow combined authorities and joint committees, where they have strategic planning powers, to introduce a Strategic Infrastructure Tariff (SIT). A SIT will operate in the same way as the London Mayoral CIL, including with the same exemptions and reliefs as set out in the CIL Regulations (2010) (as amended). It will operate alongside any localised form of developer contribution e.g. CIL and section 106 and contribute to the funding of strategic, large-scale infrastructure projects that cross administrative boundaries. The introduction of a SIT should encourage cross boundary planning to support the delivery of strategic infrastructure, and increasing the flexibility of the developer contribution system. No legislation has been introduced that will currently allow this to happen in Greater Manchester.

- 12.20** In August 2020 the Government published its White Paper ‘Planning For The Future’. The White Paper was accompanied by a consultation document, ‘Changes to the current planning system’. Together, these documents propose radical reforms to the planning system – long and short term. Key changes include zoning of land in local plans into three types of area – Growth, Renewal and Protection and replacing the current system of planning obligations and CIL with a single development levy to fund local infrastructure. As of September 2020, these proposals are subject to a consultation period and therefore could be subject to change. It is also noted that primary legislation may be required to bring forward the proposals.
- 12.21** Greater Manchester boroughs have a range of locally based priorities to be fulfilled through developer contributions. Some boroughs have supplementary planning documents setting out these priorities and the likely scale of contributions that different types of development are likely to require. As required by Planning Practice Guidance, an Infrastructure Funding Statement will be prepared by each Local Authority on an annual basis. This will demonstrate the delivery of infrastructure over the next five years, setting out the anticipated funding from developer contributions, and how these contributions are intended to be prioritised and spent by each Local Authority.

Policy GM-D 2

Developer Contributions

We will require developments to provide, or contribute towards, the provision of mitigation measures to make the development acceptable in planning terms. These will be secured through the most appropriate mechanism, including, but not limited to, planning conditions, legal contracts, or CIL (or any subsequently adopted planning gain regime).

Applicants should take account of policies in development plans and other relevant document when developing proposals and acquiring land. It is expected that viability assessments should only be undertaken where there are clear circumstances creating barriers to delivery. If an applicant wishes to make the case that viability should be considered, they should provide clear evidence at the planning application submission stage, demonstrating the specific issues that would create barriers to delivery in a transparent manner and reflecting national guidance.

Where it is accepted that viability should be considered as part of the determination of an application, the Local Planning Authority should determine the weight to be given to a viability assessment alongside other material considerations.

Monitoring

- 12.22** Monitoring is a key component of any development plan document and therefore is key to the success of the GMSF. To be effective plans need to be kept up-to-date and monitored. We need to regularly monitor performance to assess whether we are achieving our strategic objectives and whether our policies remain relevant, or whether they need to be updated.

12.23 This plan is based on a number of projections, forecasts and research available at this point in time. While these provide a sound basis for the plan's overall strategy and policies, it is important to understand that circumstances can change and that the plan is flexible to this change. It is therefore important to establish indicators that can be robustly monitored, to gain an understanding of any significant changes that could give rise to reconsideration of the content of the strategy or policies and to update the associated evidence base where required.

12.24 The table below sets out the proposed monitoring framework for the GMSF. It focuses on the key priorities of the plan and Greater Manchester as a whole.

KPI / Target Baseline at 2020 unless otherwise stated	Policy Outcome/Indicators	GMSF Strategic Objective
Spatial Strategy		
Significant growth in employment and housing in the Core Growth Area	Total employment and housing growth	1, 2, 3, 4, 5, 6, 9
Significant increase in growth employment and housing in north of conurbation	Total employment and housing growth	1, 2, 3, 4, 5, 9
Sustain the competitiveness of the employment and housing offer in the south of conurbation	Total employment and housing growth	1, 2, 3, 4, 5, 9
Improve productivity	% increase in GVA per job	3, 5, 10
Increased number of jobs	Proportion of GM residents in employment	3, 5, 10
Secure main town centres as local economic drivers	% increase in residential development in main town centres % vacancy rate in main town centres	1, 2, 3, 5, 6, 7, 9
Sustainable & Resilient		
Reduce carbon emissions from new development	% of new development meeting the net zero carbon standard	2, 5, 7, 8, 10

KPI / Target Baseline at 2020 unless otherwise stated	Policy Outcome/Indicators	GMSF Strategic Objective
Prioritise brownfield land for development	% of development on brownfield land	2, 3, 5, 7, 8, 9
No increase in number of homes and commercial premises at risk of flooding	% of homes at risk of flooding % of commercial premises at risk of flooding	2, 8
Improve air quality	Number of EV charging points % of development within 800m of transport hubs Number of controlled parking zones around schools and early years' settings	2, 5, 7, 8, 10
Prosperous		
Improve access to jobs	Number of local labour agreements	4, 5
Increase overall employment land	Deliver 4.1 mill sqm by 2037	3, 5
Homes		
Deliver net increase of new homes	Deliver approx. 8,500 annually by 2025 Deliver approx. 10,500 annually by 2030 Deliver approx. 12,000 annually by 2037	1, 2, 3, 5, 7, 10
Increase no of additional affordable homes	Deliver 50,000 additional affordable homes by 2037	1, 2, 5, 10

KPI / Target Baseline at 2020 unless otherwise stated	Policy Outcome/Indicators	GMSF Strategic Objective
	Number of additional affordable homes Number of people removed from the waiting list	
Increase the number of homes meeting NDSS	% new homes meeting NDSS	1, 2, 5, 10
Increase the number of new homes meeting A&A standard	% new homes meeting A&A standard	1, 2, 5, 10
Greener		
Enhance the green infrastructure network	Number of developments delivering a 10% gain in biodiversity	2, 5, 7, 8, 9, 10
Increase tree planting	Number of trees planted annually	2, 5, 7, 8, 9, 10
Increase access to green infrastructure	Number of hectares of new green infrastructure	2, 5, 7, 8, 9, 10
Everyone		
High design quality	Increase % of new buildings consistent with National Design Guide	2
Conserve, sustain and enhance GM's historic environment and heritage assets	Increase % of buildings on the "at risk register" with a strategy for their repair and re-use	2, 4
Improve the cultural offer	Number of new cultural facilities	2, 4
Provision of additional school places to support new development	Increased numbers of school places	2, 9

KPI / Target Baseline at 2020 unless otherwise stated	Policy Outcome/Indicators	GMSF Strategic Objective
Increase the % of working age population with Higher Level (4+) qualification(s) and reduce the % of working age population with sub Level 2 qualification(s)	Workforce is ready to benefit from new employment opportunities	3, 5
Our Network		
Increased proportion of daily trips by modes other than the car	% of daily trips made by public transport, walking and cycling % of development within 800m of transport hubs	2, 5, 6, 7, 10
Digital connectivity	Number of premises with full fibre connectivity Number of locations with free, secure, high speed public wi-fi connections	2, 3, 4, 5, 6
Increasing EV charging infrastructure	Number of EV charging points	2, 6, 7
Delivering the Plan		
Ensuring the right infrastructure is delivered at the right time	Delivery of necessary new infrastructure	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Secure appropriate S106 contributions	Developer contributions for the delivery of infrastructure Developer contributions for the delivery of affordable housing	1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Table 12.1 GMSF Monitoring Framework

Appendices



- A.1** Regulation 8(5) of the Town and Country Planning (Local Planning) (England) Regulations 2012 explains that ‘where a Local Plan contains a policy that is intended to supersede another policy in the adopted development plan, it must state that fact and identify the superseded policy.’
- A.2** Upon adoption of the GMSF a number of policies in district local plans will be partially replaced by policies in the GMSF (see tables below). Any part of the policy which is not replaced will be retained and will remain part of the respective statutory development plan.

Bolton Council

Policy	Replaced by GMSF policy/policies
H1 Healthy Bolton	GM-E6
A1 Achieving Bolton	GM-E5
P1 Employment land	GM-P2, GM-P3 and GM-P4
P3.1 Waste hierarchy	GM-S7
P5.1 Accessibility by different types of transport	GM-N1
P5.2 Accessibility by public transport	GM-N3
P5.3 Freight movement	GM-N6
P5.4 Servicing arrangements	GM-N7
P5.6 Transport needs of people with disabilities	GM-N4
P5.7 Transport assessments and travel plans	GM-N7
S1 Safe Bolton	GM-N7 and GM-E1
CG1.1 Green infrastructure in rural areas	GM-G1, GM-G2, GM-G3, GM-G4, GM-G5 and GM-G7
CG1.2 Urban Biodiversity	GM-G2
CG1.3 Open space	GM-G6
CG1.5 Flooding	GM-S5
CGH1.6 Energy requirements	GM-S2
CG1.7 Renewable energy	GM-S2
CG2 except CG2.2(c) Sustainable development	GM-S2
CG3 Built environment	GM-S4, GM-G1, GM-E1 and 2
SC1.1 Housing requirement	GM-H1
SC1.5 Housing Density	GM-G4

Table A.1

Bury Council

Policy	Replaced by GMSF policy/policies
EC2 Existing Industrial Areas and Premises	GM-P2 and GM-P4
EC3 Improvement of Older Industrial Areas and Premises	GM-P2
EC3/1 Measures to Improve Industrial Areas	GM-P2
EC5 Offices	GM-P3
H1 Housing Land Provision	GM-H1
H2 Housing Environment and Design	GM-H3
H4 Housing Need	GM-H3
EN1 Environment	GM-E1
EN1/1 Visual Amenity	GM-E1
EN1/3 Landscaping Provision	GM-E1
EN1/11 Public Utility Infrastructure	GM-E1
EN2 Conservation and Listed Buildings	GM-E2
EN4 Energy Conservation	GM-S2 and GM-S3
EN4/1 Renewable Energy	GM-S2 and GM-S3
EN4/2 Energy Efficiency	GM-S2 and GM-S3
EN5 Flood Protection and Defence	GM-S5
EN5/1 New Development and Flood Risk	GM-S5
EN6 Conservation of the Natural Environment	GM-G9
EN6/5 Sites of Geological Interest	GM-G9
EN7 Pollution Control	GM-E1
EN7/1 Atmospheric Pollution	GM-S6
EN8 Woodland and Trees	GM-G7
EN9 Landscape	GM-G1
EN9/1 Special Landscape Area	GM-G1
OL1 Green Belt	GM-G10
OL1/1 Designation of Green Belt	GM-G10
OL3 Urban Open Space	GM-G6
OL3/1 Protection of Urban Open Space	GM-G6
OL5 River Valleys	GM-G3

RT2 New Provision for Recreation in the Urban Area	GM-E7
RT2/3 Education Recreation Facilities	GM-E7
RT2/4 Dual-Use of Education Facilities	GM-E7
RT3 Recreation In The Countryside	GM-G3, GM-G2 and GM-G5
HT1 A Balanced Transportation Strategy	GM-N1, GM-E1 and GM-N4
HT2/6 – Replacement Car Parking	GM-N7
HT2/10 – Development Affecting Trunk Roads	GM-N7
HT3 Public Transport	GM-N1
HT4 New Development	GM-N7
HT6 Pedestrians and Cyclists	GM-N1, GM-N4 and GM-N5
HT6/2 – Pedestrian/Vehicular Conflict	GM-N4 and GM-N5
HT7 Freight	GM-N6
CF1 Proposals for New and Improved Community Facilities	GM-E1 and GM-E3
CF2 Education Land and Buildings	GM-E5
CF4 Healthcare Facilities	GM-E6
CF5 Childcare Facilities	GM-E5
MW1 Protection Of Mineral Resources	GM-S7
MW2 Environmental Considerations For Mineral Workings	GM-S7
MW3 Waste Disposal Facilities	GM-S7
MW3/1 Derelict or Degraded Land (Waste)	GM-S7
MW3/2 Waste Recycling and Bulk Reduction	GM-S7

Table A.2

Manchester City Council

Policy	Replaced by GMSF policy/policies
SP1 Spatial Principles (Partially)	GM-S1

EC1 Employment and Economic Growth in Manchester (Partially)	GM-P3 and GM-P4
H1 Overall Housing Provision (Partially)	GM-H1
H2 Strategic Housing Location (Partially)	GM-S1, GM-S2 and GM-S5
H8 Affordable Housing (Partially)	GM-H2
T1 Sustainable Transport (Partially)	GM-N1
EN3 Heritage (Partially)	GM-E2
EN4 Reducing CO2 Emissions by Enabling Low and Zero Carbon Development (Partially)	GM-S2
EN6 Target Framework for CO2 Reductions from Low or Zero Carbon Energy Supplies (Partially)	GM-S2
EN8 Adaption to Climate Change (Partially)	GM-S2 and GM-S4
EN14 Flood Risk (Partially)	GM-G9
EN15 Biodiversity and Geological Conservation (Partially)	GM-G9
EN16 Air Quality (Partially)	GM-S6
EN17 Water Quality (Partially)	GM-S5

Table A.3

Oldham Council

Policy	Replaced by GMSF policy/policies
3 An Address of Choice (Partially)	GM-H1
4 Promoting Sustainable Regeneration and Prosperity (Partially)	GM-P3 and GM-P4
5 Promoting Accessibility and Sustainable Transport Modes (Partially)	GM-N3, GM-N4, GM-N5 and GM-N7
18 Energy (Partially)	GM-S2
19 Flooding (Partially)	GM-S5
20 Design	GM-E1
22 Protecting Open Land (Partially)	GM8, GM10, GM11, GM12 and GM-G10

25 Developer Contributions	GM-D2
UDP Policy B1.1.24 Royton Moss, Moss Lane, Royton	GM10
UDP Policy H1.2.17 Housing Land Release Phase II	GM14
UDP Policy H1.2.17 Major Developed Site in the Green Belt	GM11

Table A.4

Rochdale Council

Policy	Replaced by GMSF policy/policies
E2 Increasing jobs and prosperity (Partially)	GM-P3 and GM-P4
E4 Managing the release of land to meet future employment needs	GM-P1, GM-P2, GM-P3 and GM-P4
C1 Delivering the right amount of housing in the right places (Partially)	GM-H1
G1 Tackling and adapting to climate change	GM-S1, GM-S2 and GM-S3
G2 Energy and new development	GM-S1, GM-S2 and GM-S3
G3 Renewable and low carbon energy developments (Partially)	GM-S1, GM-S2 and GM-S3
G4 Protecting Green Belt land	GM-G10
G5 Managing protected open land (Partially)	GM-G10

Table A.5

Salford Council

Policy	Replaced by GMSF policy/policies
ST1 Sustainable Urban Neighbourhoods	GM-S1
ST3 Employment Supply	GM-P1, GM-P3 and GM-P4
ST5 Transport Networks	GM-N1, GM-N3, GM-N4, GM-N5, GM-N6 and GM-N7
ST12 Development Density	GM-H4

ST13 Natural Environment Assets	GM-G1, GM-G2, GM-G3, GM-G4, GM-G6, GM-G7, GM-G8, GM-G9 and GM-G10
ST14 Global Environment	GM-S2
ST15 Historic Environment	GM-E2
EN1 Development Affecting the Green Belt	GM-G10

Table A.6

Stockport Council

Policy	Replaced by GMSF policy/policies
SD-4 District Heating (Network Development Areas)	GM-S 3
SD-6 Adapting to the Impacts of Climate Change (Partially)	GM-S5
CS2 Housing Provision (Partially)	GM-H1
CS8 Safeguarding And Improving The Environment (Partially)	GM-G 9 and GM-E2
SIE-3 Protecting, Safeguarding and enhancing the Environment (Partially)	GM-S5
CS9 Transport And Development	GM-N1
CS10 An Effective And Sustainable Transport Network (Partially)	GM-6
T-1 Transport and Development	GM-N7
GBA 1.1 Extent Of Green Belt	GM-G10

Table A.7

Tameside Council

Policy	Replaced by GMSF policy/policies
H1 Housing Land Provision (Partially)	GM-H1
OL1 Protection of the Green Belt	GM-G10
OL2 Existing Buildings in the Green Belt	GM-G10
OL3 Major Developed Sites in the Green Belt	GM-G10

T7 Cycling (Partially)	GM-N5 and GM-N7
T8 Walking (Partially)	GM-N5 and GM-N7
MW14 Air Quality (Partially)	GM-S6
U4 Flood Prevention (Partially)	GM-S5

Table A.8

Trafford Council

Policy	Replaced by GMSF policy/policies
SL1 Pomona Island (Partially)	GM-S5
SL2 Trafford Wharfside (Partially)	GM-S1 and GM-S3
SL5 Carrington (Partially)	GM-S9, GM-S11 and GM41
L1 Land For New Homes (Partially)	GM-H1 and GM-H4
L2 Meeting Housing Needs (Partially)	GM-H2 and GM-H3
L3 Regeneration and Reducing Inequalities (Partially)	GM-S5 and GM-S11
L4 Sustainable Transport and Accessibility (Partially)	GM-S14, GM-N1, GM-N3, GM-N4, GM-N5, GM-N6 and GM-N7
L5 Climate Change (Partially)	GM-S2, GM-S3, GM-S5 and GM-S6
L6 Waste (Partially)	GM-S7
L7 Design (Partially)	GM-E1
L8 Planning Obligations (Partially)	GM-D1 and GM-D2
W1 Economy (Partially)	GM-S9, GM-P1, GM-P2, GM-P3 and GM-P4
W2 Town Centres and Retail (Partially)	GM-S9, GM-S12 and GM-E4
W3 Minerals (Partially)	GM-S7
R1 Historic Environment (Partially)	GM-E2
R2 Natural Environment (Partially)	GM-S13, GM-G1, GM-G3, GM-G4, GM-G7, GM-G9 and GM-G10
R3 Green Infrastructure (Partially)	GM-S13, GM-G2, GM-G3, GM-G4, GM-G7 and GM-G9
R4 Green Belt, Countryside and Other Protected Open Land (Partially)	GM-S9, GM-S10, GM-S11, GM-G11, GM-G12 and GM3.2

R5 Open Space, Sport and Recreation (Partially)	GM-G6 and GM-E7
R6 Culture and Tourism (Partially)	GM-E3

Table A.9

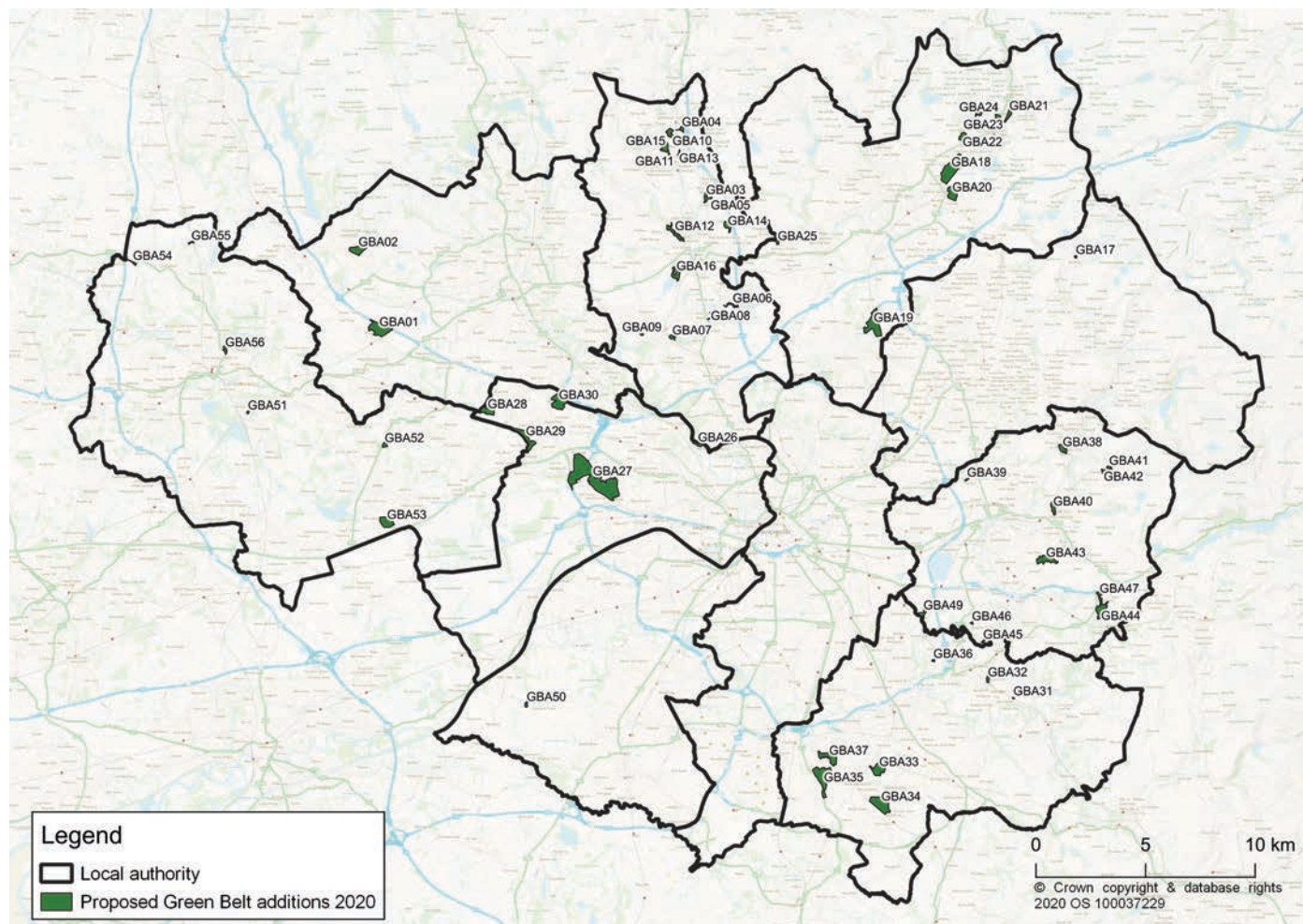
Wigan Council

Policy	Replaced by GMSF policy/policies
SD1 Presumption in Favour of Sustainable Development	GM-S1
CP1 Health and Wellbeing	GM-E6
CP4 Education and Learning	GM-E5
CP5 Economy and Environment	GM-P1 and GM-P2
CP6 Housing (Clause 1 only)	GM-H1
CP8 Green Belt and Safeguarded Land	GM-G10 and GM-G11
CP9 Landscape and Green Infrastructure	GM-G1 and GM-G2
CP12 Wildlife Habitats and Species	GM-G9
CP13 Low Carbon Development	GM-S2 and GM-S3
CP14 Waste	GM-S7
CP15 Minerals	GM-S2 and GM-S7

Table A.10

All Additions to the Green Belt

B.1 In certain locations land which was not previously in the Green Belt has now been designated as such because it is assessed to meet one or more of the five purposes, for example to prevent settlements merging, and necessary to keep it permanently open. These proposed additions to the Green Belt are shown on the index map below and identified on the Policies Map.



Picture B.1 All Additions to the Greater Manchester Green Belt 2020

District	Green Belt Addition ID	Site Name	Area Ha
Bolton	GBA01	Ditchers Farm, Westhoughton	41.3
Bolton	GBA02	Horwich Golf Club / Knowles Farm	24.1
Bury	GBA03	Pigs Lea Brook 1	5.6

District	Green Belt Addition ID	Site Name	Area Ha
Bury	GBA04	North of Nuttall Park	3.0
Bury	GBA05	Pigs Lea Brook 2	0.6
Bury	GBA06	Hollins Brook	3.1
Bury	GBA07	Off New Road, Radcliffe	3.3
Bury	GBA08	Hollins Brow	2.3
Bury	GBA09	Hollybank Street, Radcliffe	1.2
Bury	GBA10	Crow Lumb Wood	13.7
Bury	GBA11	Nuttall West, Ramsbottom	0.4
Bury	GBA12	Woolfold, Bury	12.5
Bury	GBA13	Nuttall East, Ramsbottom	1.0
Bury	GBA14	Chesham, Bury	8.1
Bury	GBA15	Broad Hey Wood North	9.1
Bury	GBA16	Lower Hinds	14.5
Oldham	GBA17	Land behind Denshaw Village Hall	0.6
Rochdale	GBA18	Land within the Roch Valley, Smallbridge	62.0
Rochdale	GBA19	Land to west of Stakehill Business Park	46.7
Rochdale	GBA20	Land at Firgrove Playing Fields, Rochdale	17.7
Rochdale	GBA21	Land between railway line and Rochdale Canal, Littleborough	9.8
Rochdale	GBA22	Land north of St Andrew's Church, Dearnley	8.1
Rochdale	GBA23	Land at Townhouse Brook, Littleborough	4.7

District	Green Belt Addition ID	Site Name	Area Ha
Rochdale	GBA24	Land north of Shore, Littleborough	2.8
Rochdale	GBA25	Land at Summit, Heywood	1.4
Salford	GBA26	Land South East of Slack Brook Open Space	4.1
Salford	GBA27	West Salford Greenway	184.5
Salford	GBA28	Part of Logistics North Country Park	15.3
Salford	GBA29	Land West of Burgess Farm	25.2
Salford	GBA30	Blackleach Country Park	34.1
Stockport	GBA31	Railway embankment at Hyde Bank, Romiley	0.3
Stockport	GBA32	Star Field	2.7
Stockport	GBA33	Adswood Open Space	27.3
Stockport	GBA34	Bramhall Park Golf Club	47.7
Stockport	GBA35	Bruntwood Park	58.8
Stockport	GBA36	Dartmouth Crescent	0.8
Stockport	GBA37	Brookfield Park / Cheadle Golf Club	24.7
Tameside	GBA38	Fox Platt, Mossley	7.9
Tameside	GBA39	Manor Farm Close, Waterloo, Ashton	0.8
Tameside	GBA40	Ridge Hill Lane, Ridge Hill, Stalybridge	6.8
Tameside	GBA41	Long Row, Carrbrook, Stalybridge	1.8
Tameside	GBA42	South View, Carrbrook, Stalybridge	2.1

District	Green Belt Addition ID	Site Name	Area Ha
Tameside	GBA43	Yew Tree Lane, Dukinfield	22.3
Tameside	GBA44	Broadbottom Road, Broadbottom	18.9
Tameside	GBA45	Ardenfield, Haughton Green, Denton	0.9
Tameside	GBA46	Cemetery Road, Denton	0.8
Tameside	GBA47	Hyde Road, Mottram	4.9
Tameside	GBA48	Ashworth Lane, Mottram	1.1
Tameside	GBA49	Horses Field, Danebank, Denton	6.9
Trafford	GBA50	Midlands Farm, Moss Lane	2.7
Wigan	GBA51	Land off Fir Tree Street, Ince	0.8
Wigan	GBA52	Pennington FC pitches	3.1
Wigan	GBA53	Hope Carr Nature Reserve	26.1
Wigan	GBA54	Crow Orchard Road	1.8
Wigan	GBA55	North Bradley Lane	1.2
Wigan	GBA56	Coppull Lane	3.7

Table B.1 List of GMSF Green Belt Additions

Additions to the Green Belt in Bolton

Policy Green Belt Addition 1

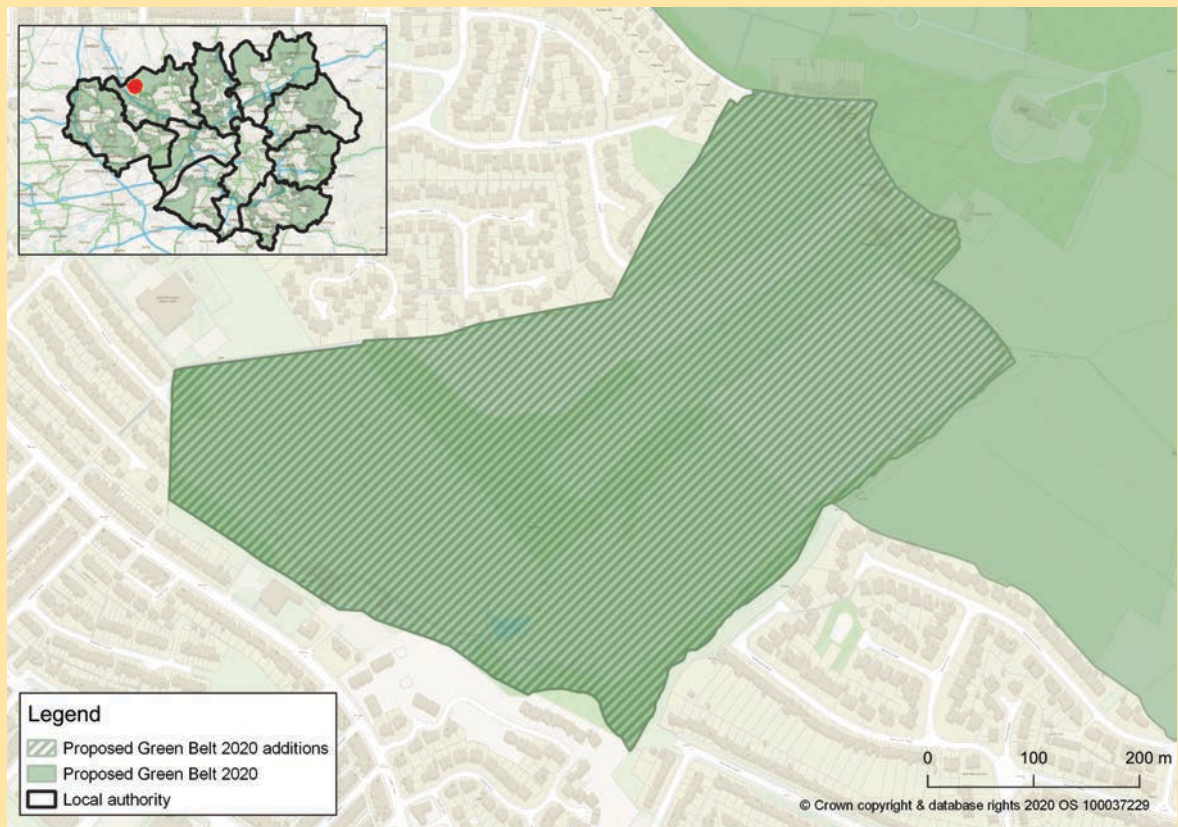
Ditchers Farm, Westhoughton



Picture B.2 GBA 1 Ditchers Farm, Westhoughton

Policy Green Belt Addition 2

Horwich Golf Club / Knowles Farm

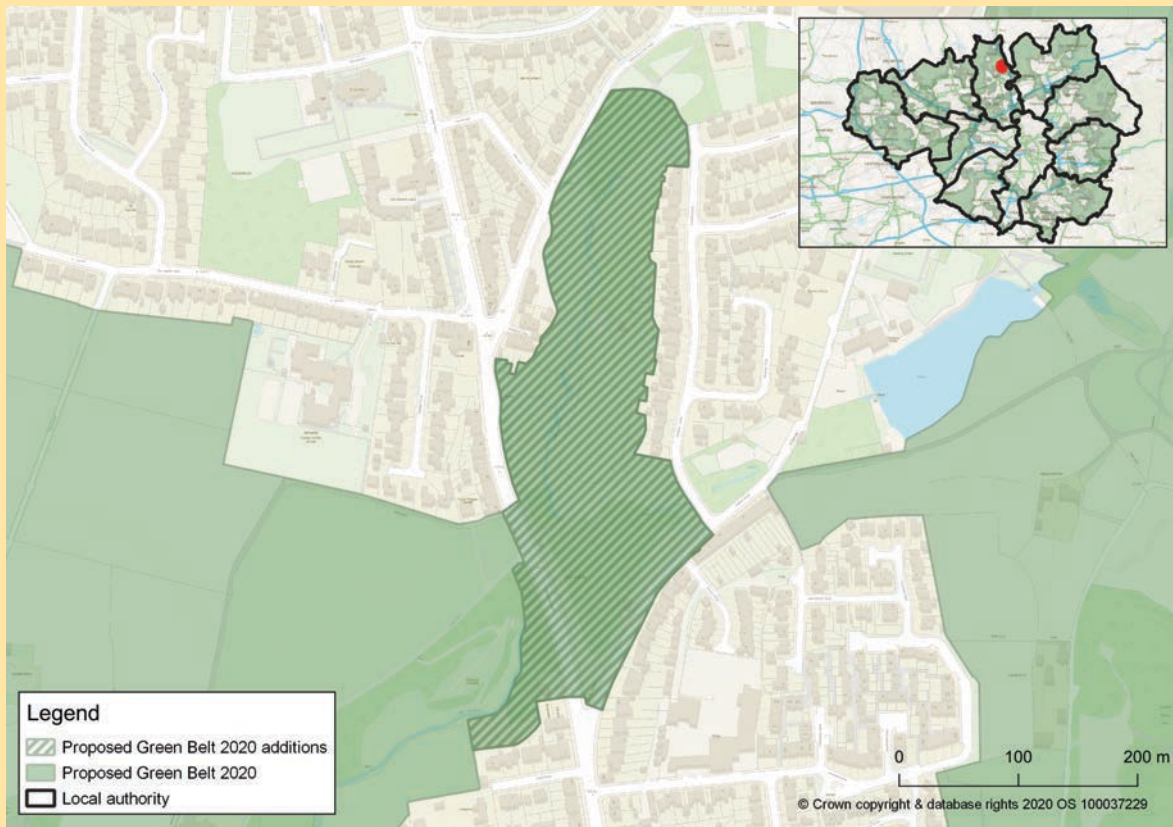


Picture B.3 GBA 2 Horwich Golf Club / Knowles Farm

Additions to the Green Belt in Bury

Policy Green Belt Addition 3

Pigs Lea Brook 1



Picture B.4 GBA 3 Pigs Lea Brook 1

Policy Green Belt Addition 4

North of Nuttall Park



Picture B.5 GBA 4 North of Nuttall Park

Policy Green Belt Addition 5

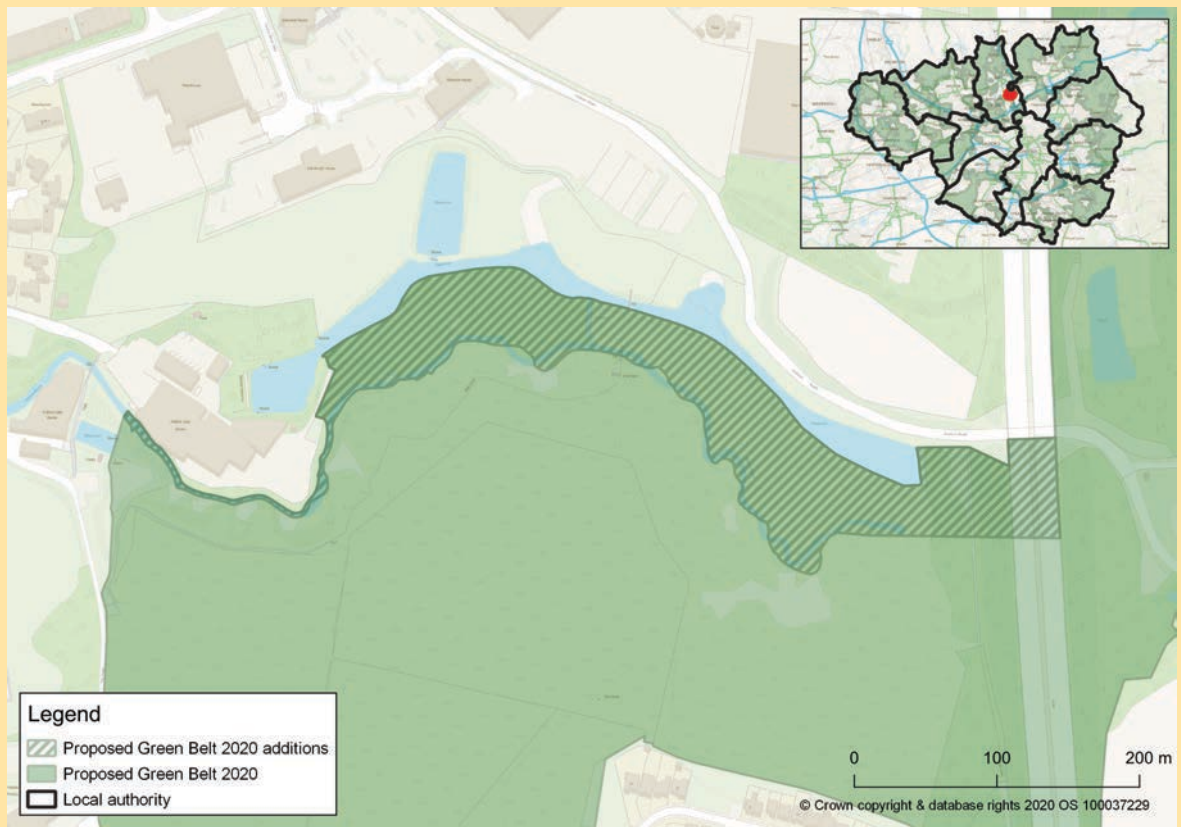
Pigs Lea Brook 2



Picture B.6 GBA 5 Pigs Lea Brook 2

Policy Green Belt Addition 6

Hollins Brook



Picture B.7 GBA 6 Hollins Brook

Policy Green Belt Addition 7

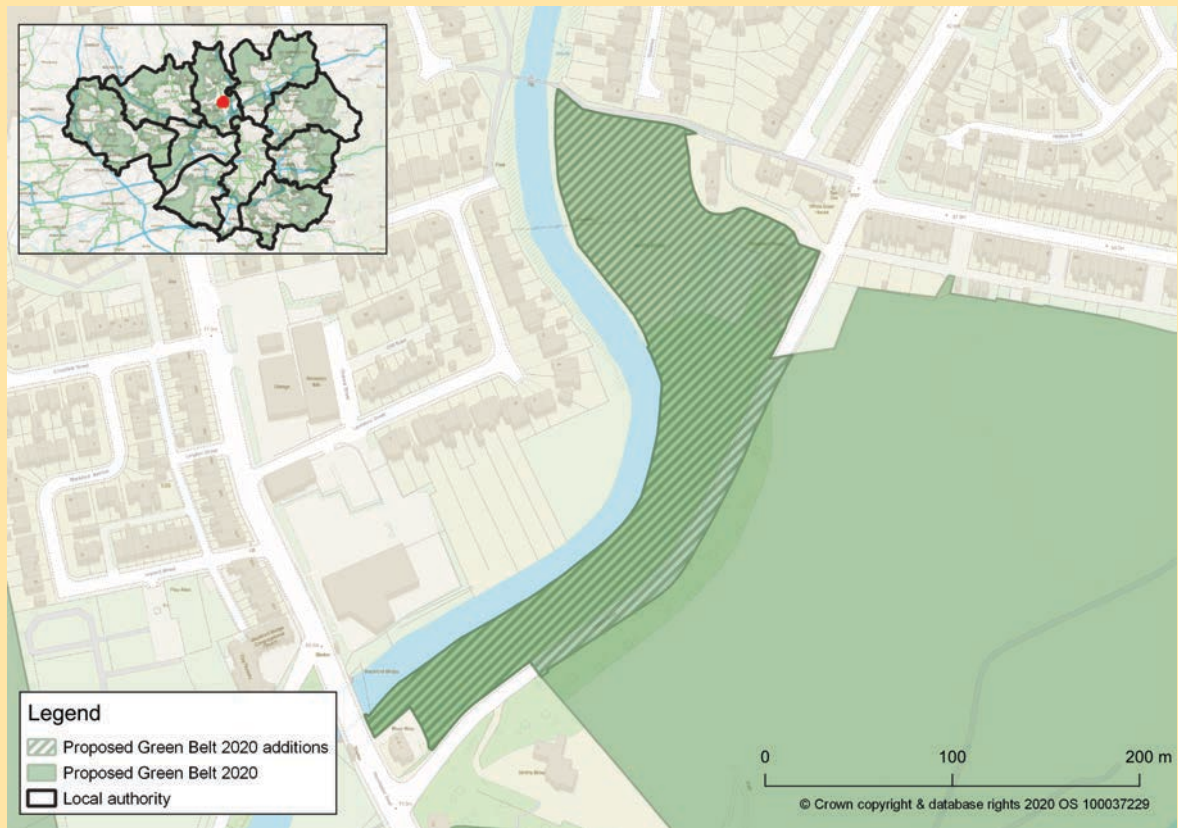
Off New Road, Radcliffe



Picture B.8 GBA 7 Off New Road, Radcliffe

Policy Green Belt Addition 8

Hollins Brow



Picture B.9 GBA 8 Hollins Brow

Policy Green Belt Addition 9

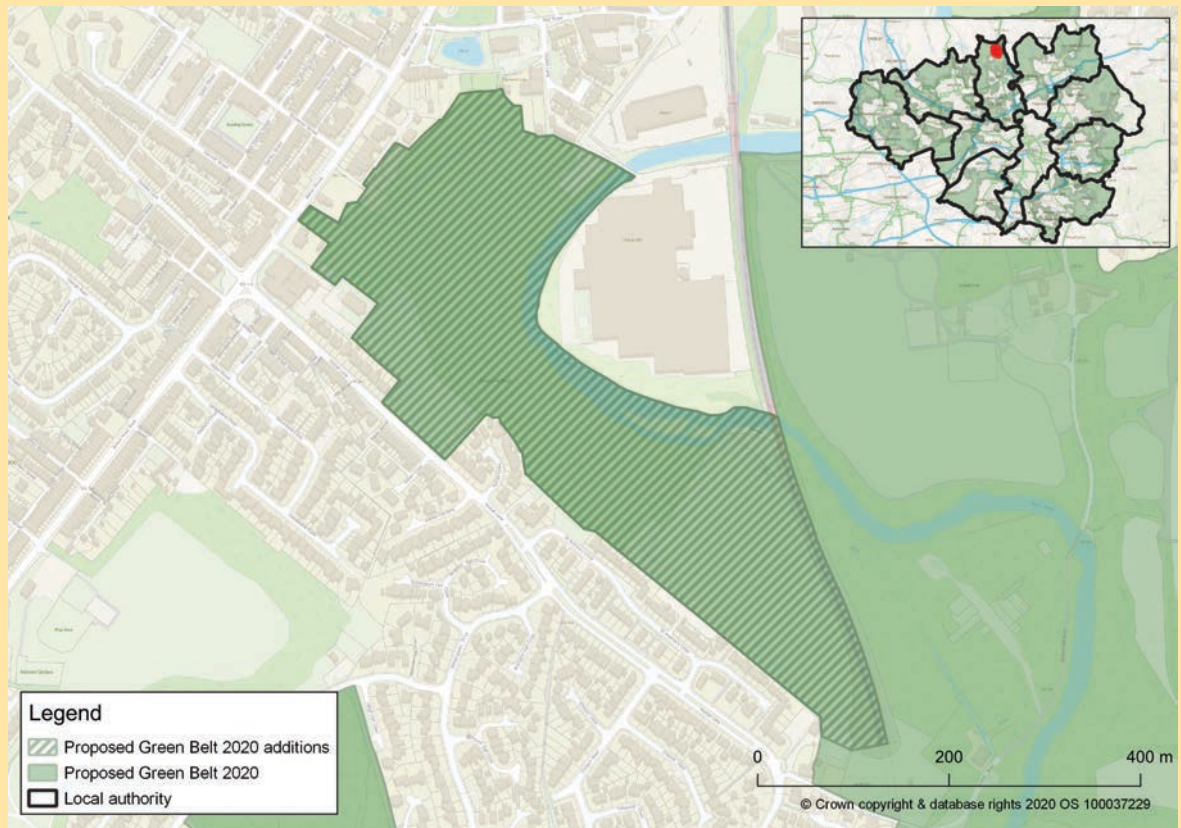
Hollybank Street, Radcliffe



Picture B.10 GBA 9 Hollybank Street, Radcliffe

Policy Green Belt Addition 10

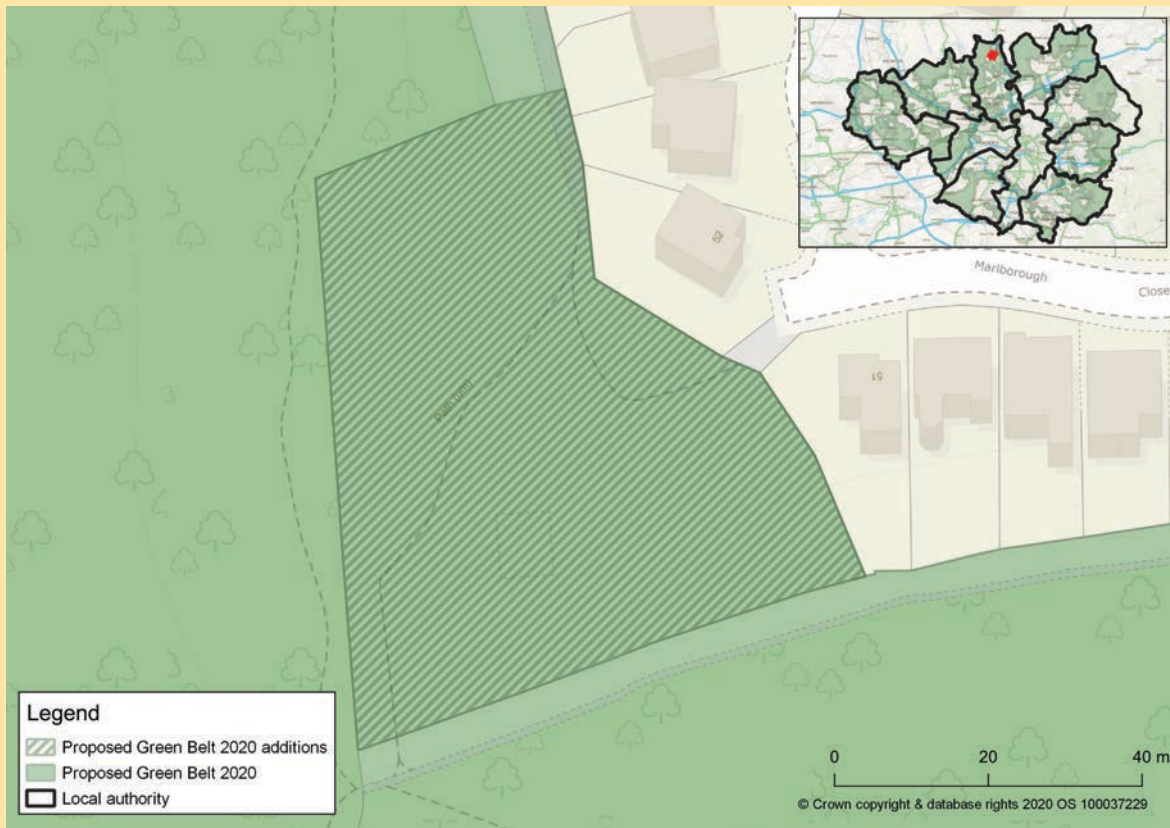
Crow Lumb Wood



Picture B.11 GBA 10 Crow Lumb Wood

Policy Green Belt Addition 11

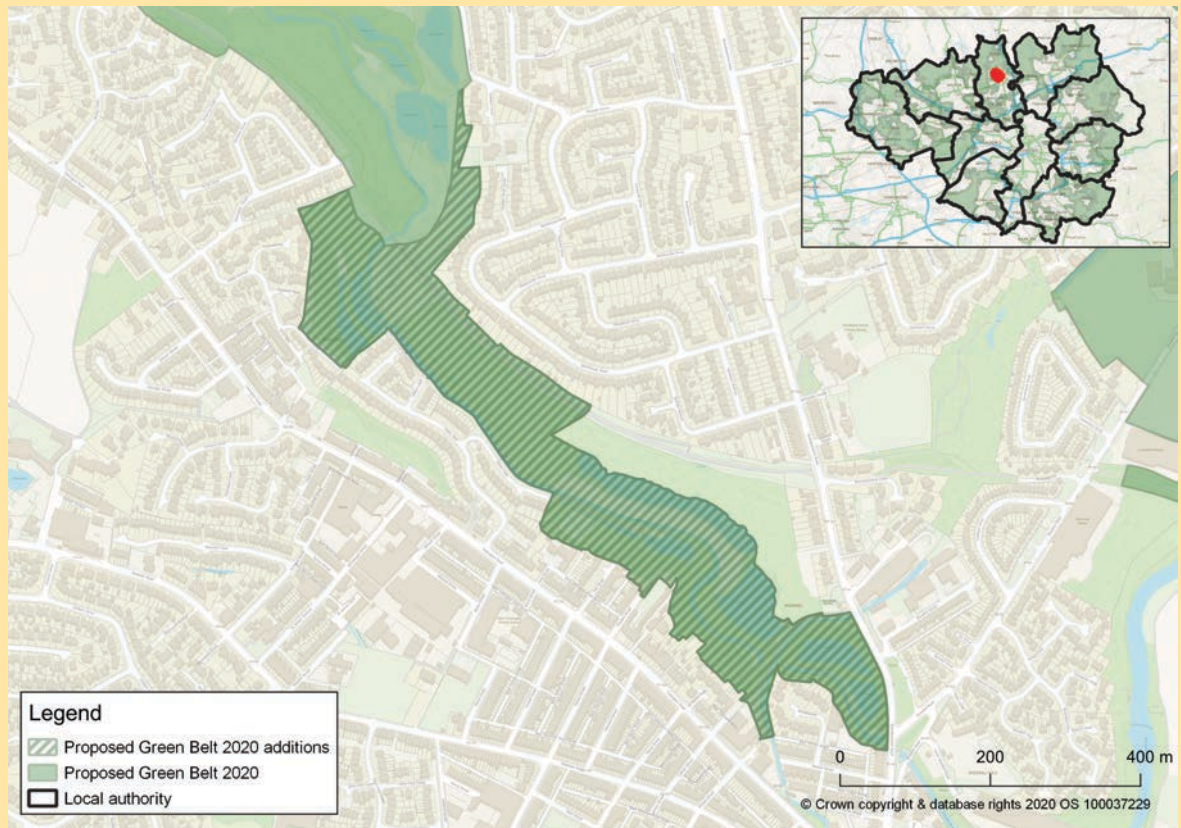
Nuttall West, Ramsbottom



Picture B.12 GBA 11 Nuttall West, Ramsbottom

Policy Green Belt Addition 12

Woolfold, Bury



Picture B.13 GBA 12 Woolfold, Bury

Policy Green Belt Addition 13

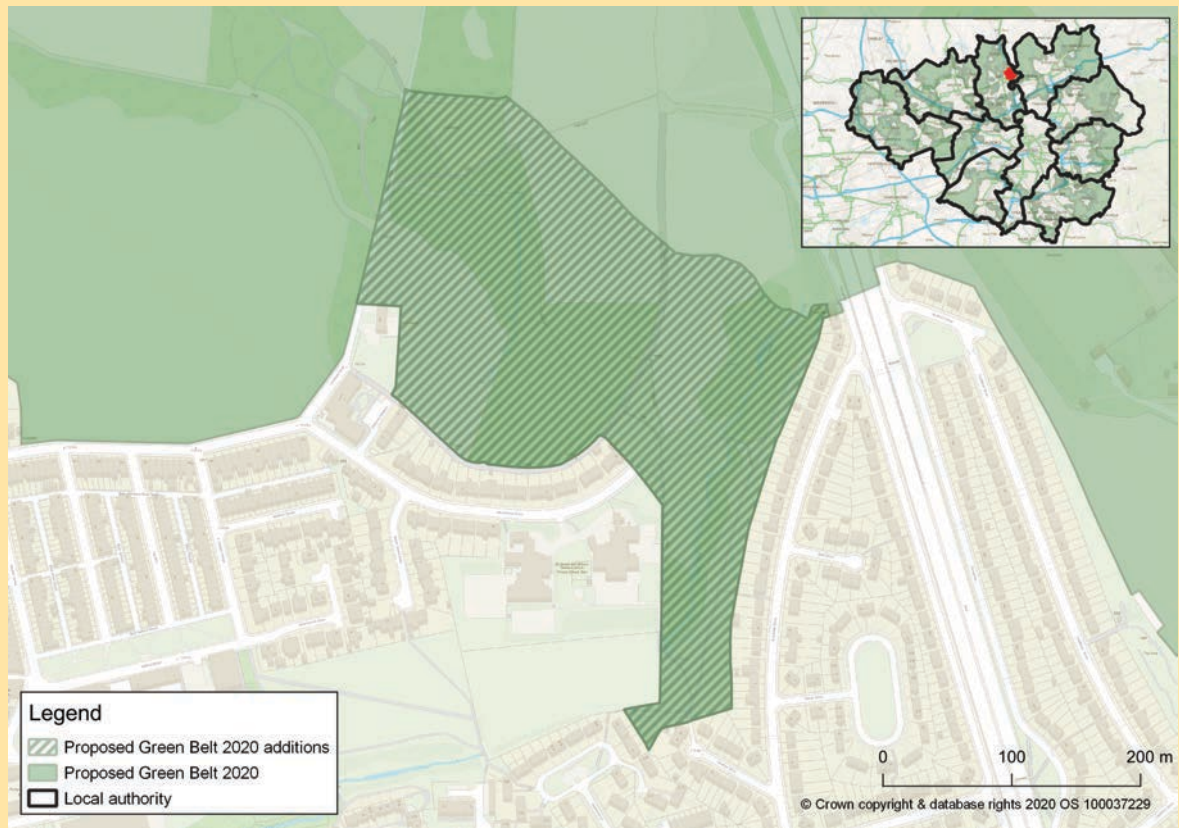
Nuttall East, Ramsbottom



Picture B.14 GBA 13 Nuttall East, Ramsbottom

Policy Green Belt Addition 14

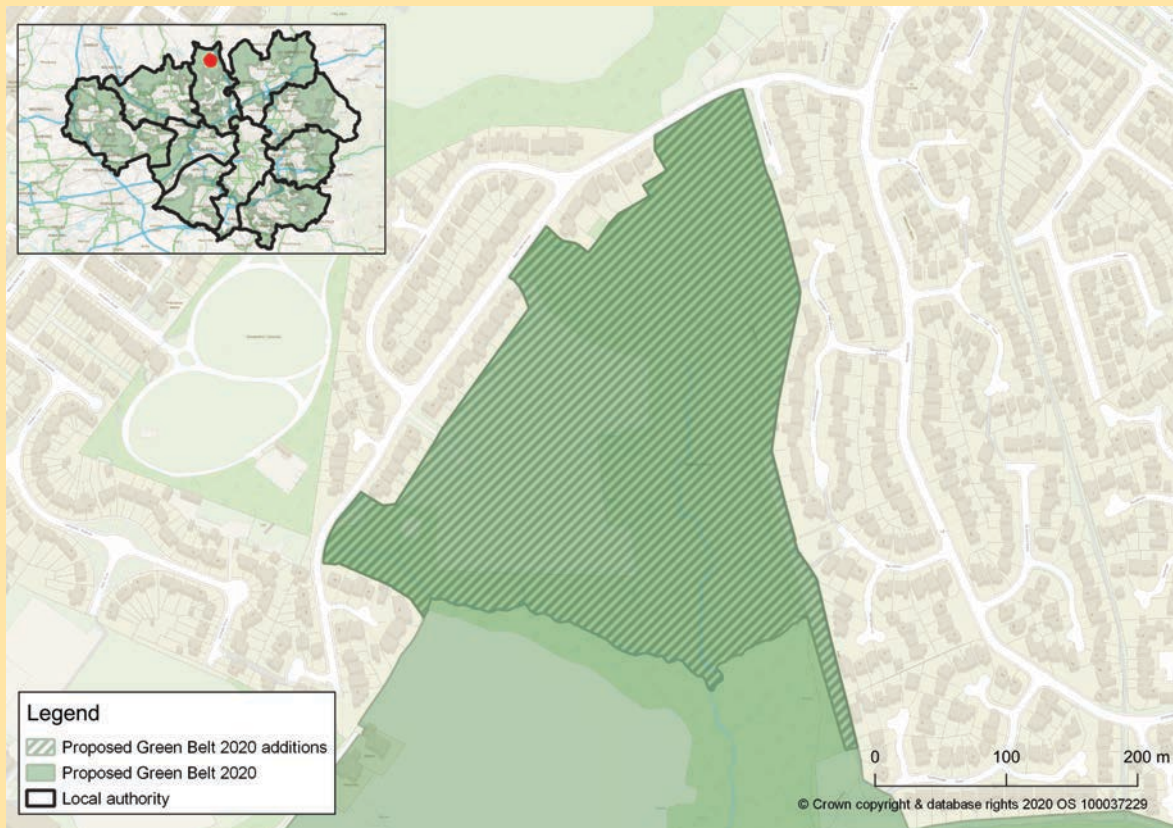
Chesham, Bury



Picture B.15 GBA 14 Chesham, Bury

Policy Green Belt Addition 15

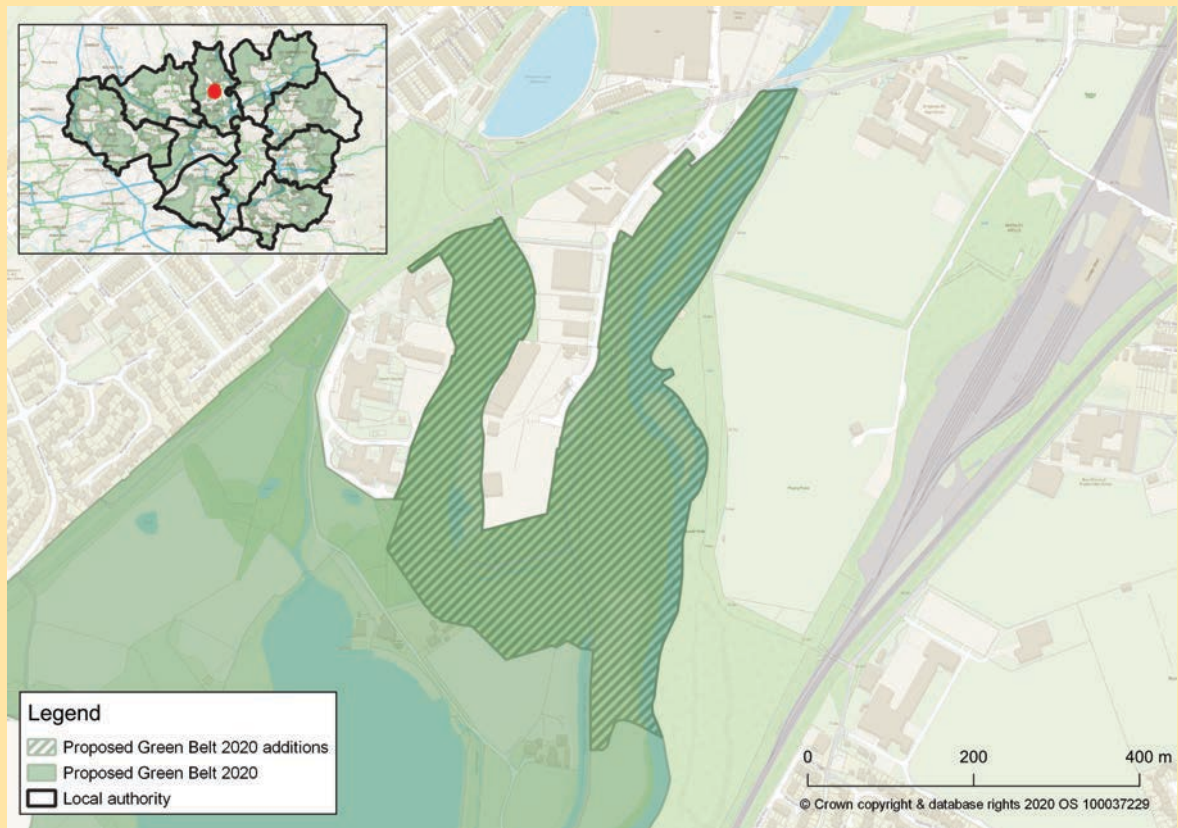
Broad Hey Wood North



Picture B.16 GBA 15 Broad Hey Wood North

Policy Green Belt Addition 16

Lower Hinds

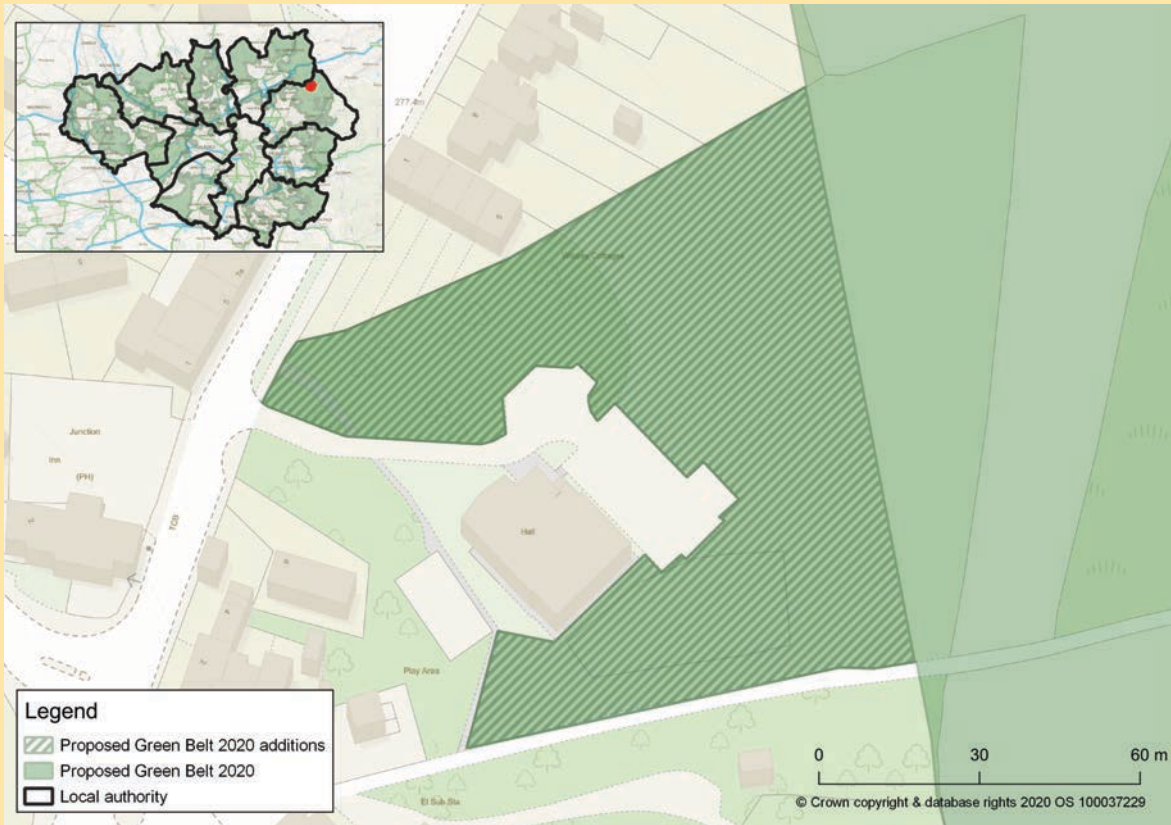


Picture B.17 GBA 16 Lower Hinds

Additions to the Green Belt in Oldham

Policy Green Belt Addition 17

Land behind Denshaw Village Hall

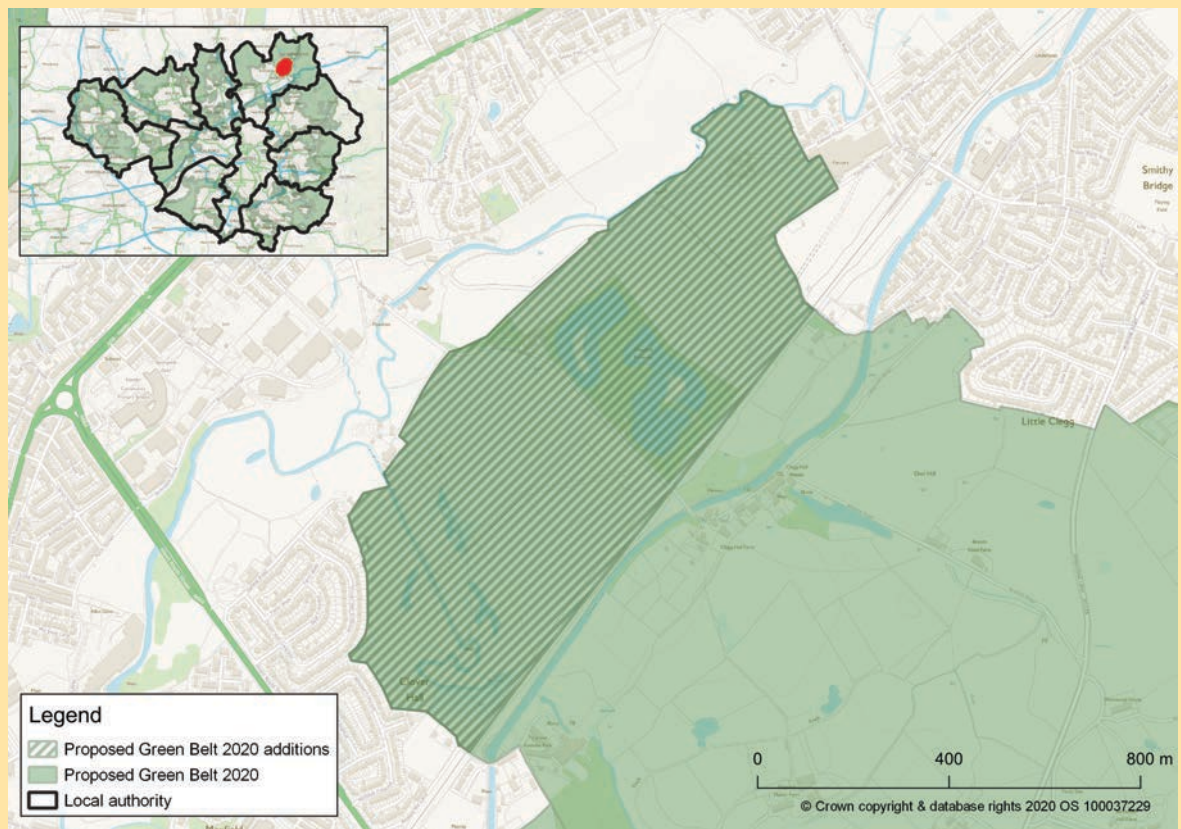


Picture B.18 GBA 17 Land behind Denshaw Village Hall

Additions to the Green Belt in Rochdale

Policy Green Belt Addition 18

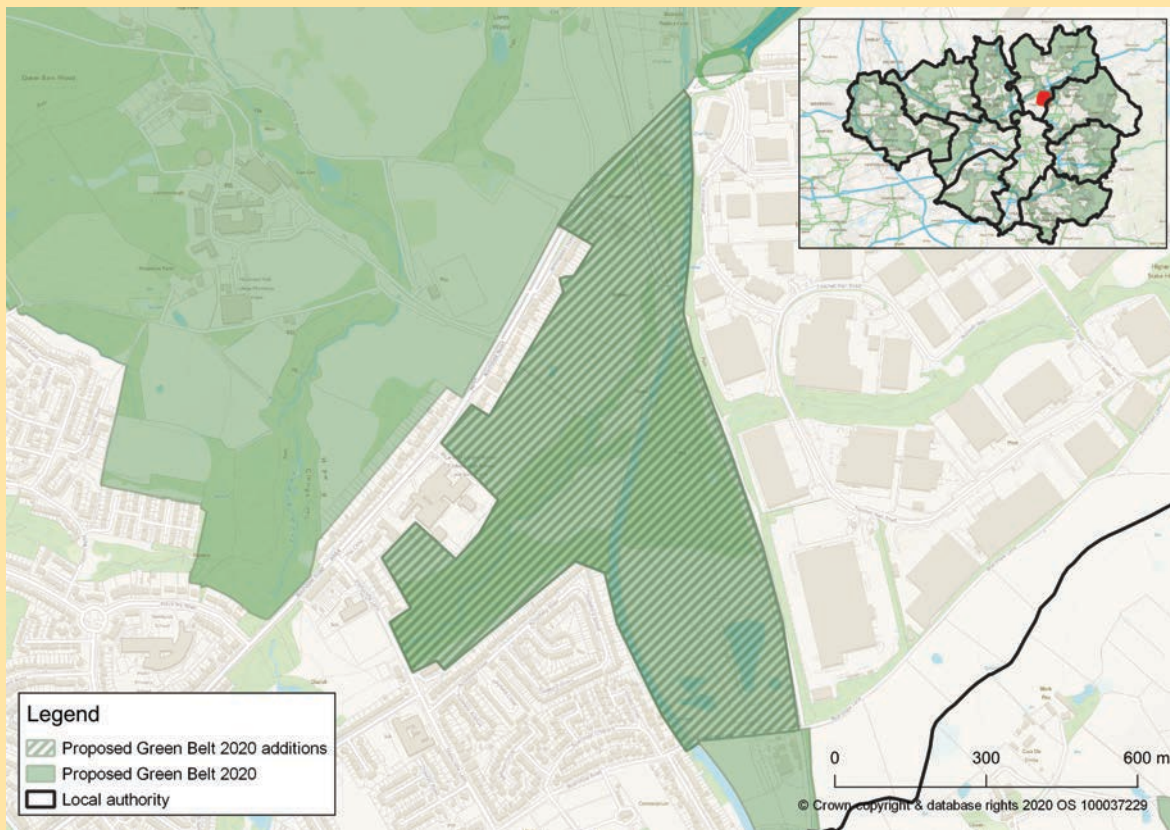
Land within the Roch Valley, Smallbridge



Picture B.19 GBA 18 Land within the Roch Valley, Smallbridge

Policy Green Belt Addition 19

Land to west of Stakehill Business Park



Picture B.20 GBA 19 Land to west of Stakehill Business Park

Policy Green Belt Addition 20

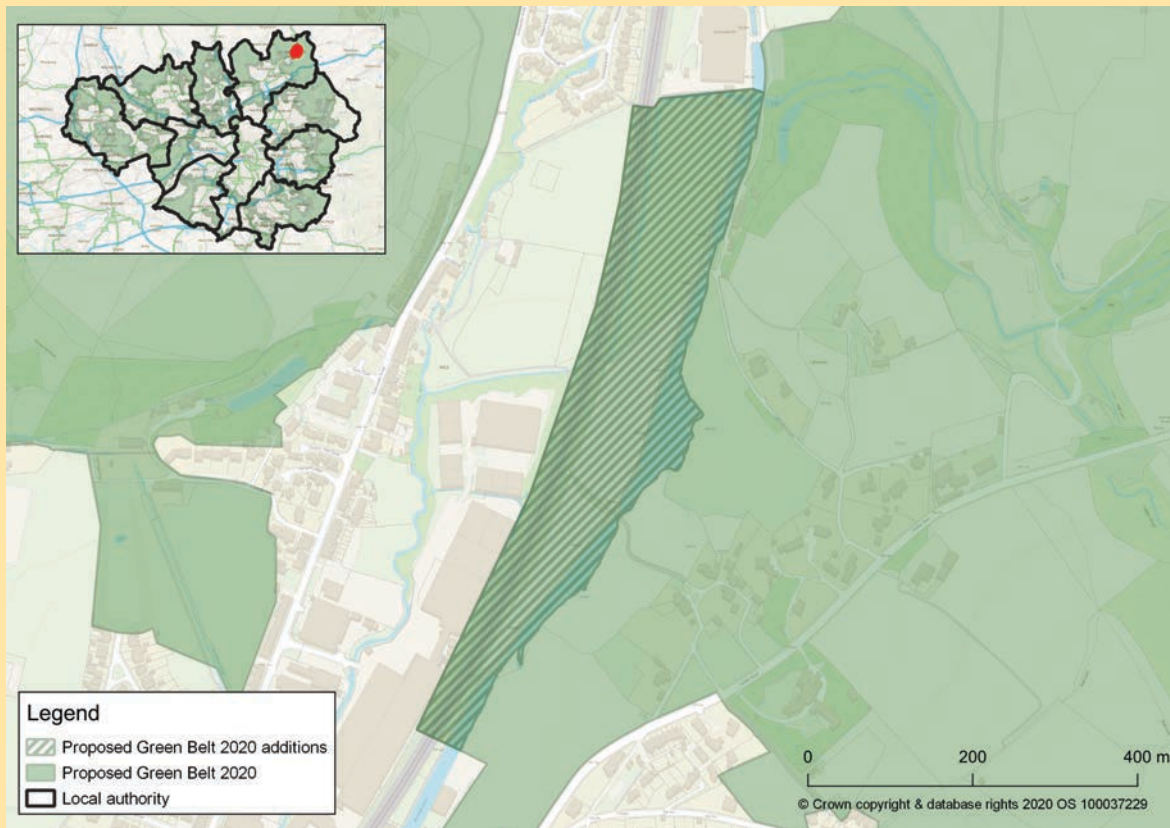
Land at Firgrove Playing Fields, Rochdale



Picture B.21 GBA 20 Land at Firgrove Playing Fields, Rochdale

Policy Green Belt Addition 21

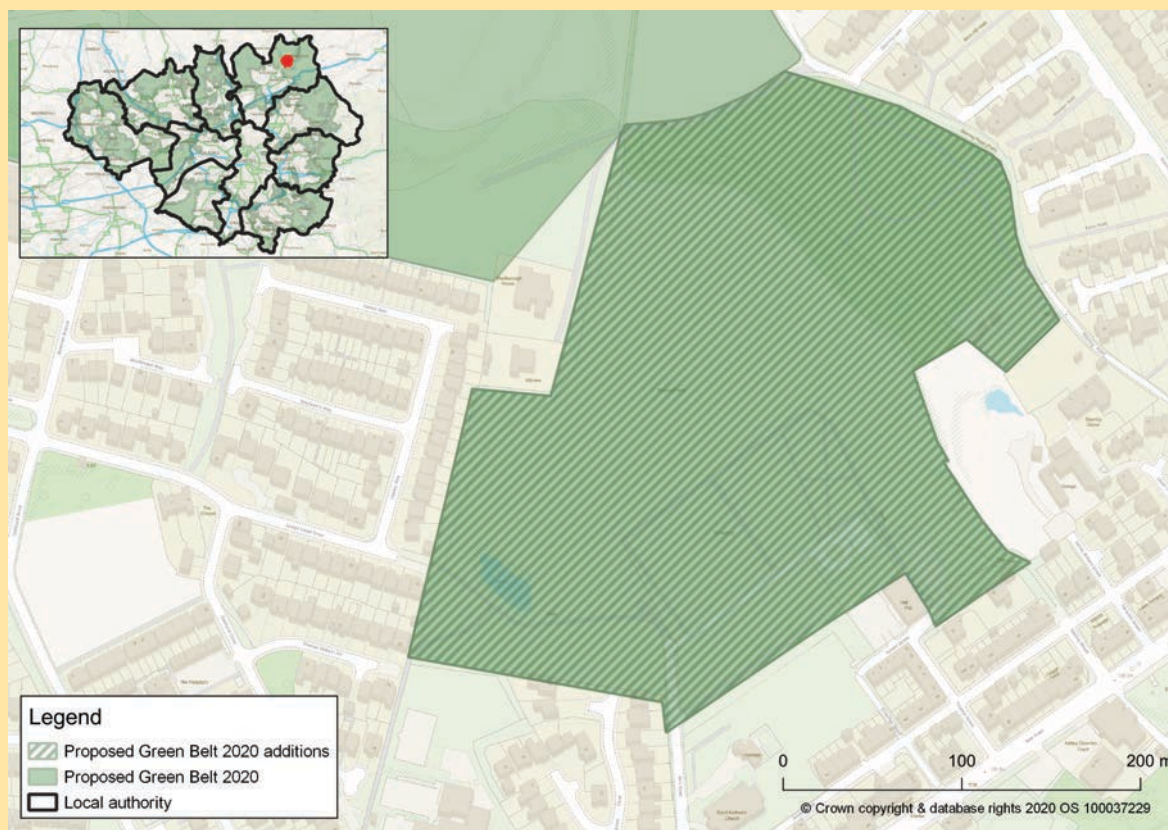
Land between railway line and Rochdale Canal, Littleborough



Picture B.22 GBA 21 Land between railway line and Rochdale Canal, Littleborough

Policy Green Belt Addition 22

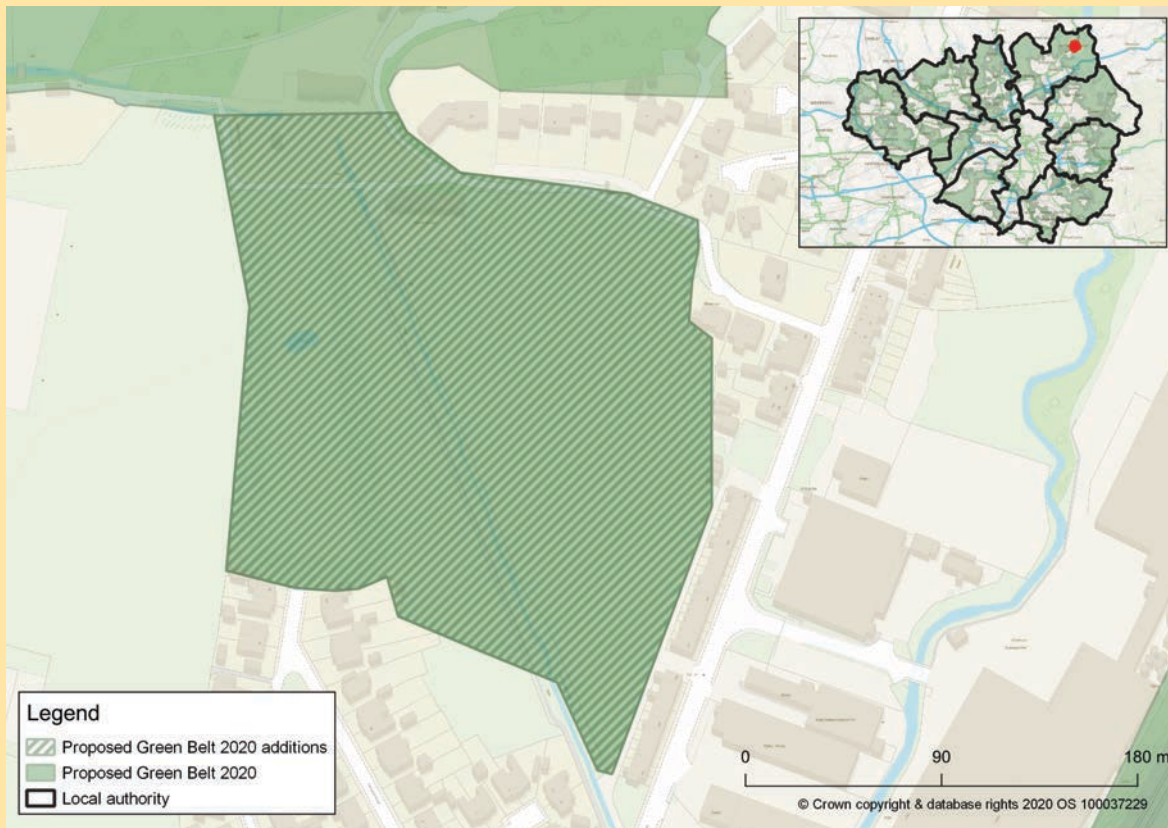
Land north of St Andrew's Church, Dearnley



Picture B.23 GBA 22 Land north of St Andrew's Church, Dearnley

Policy Green Belt Addition 23

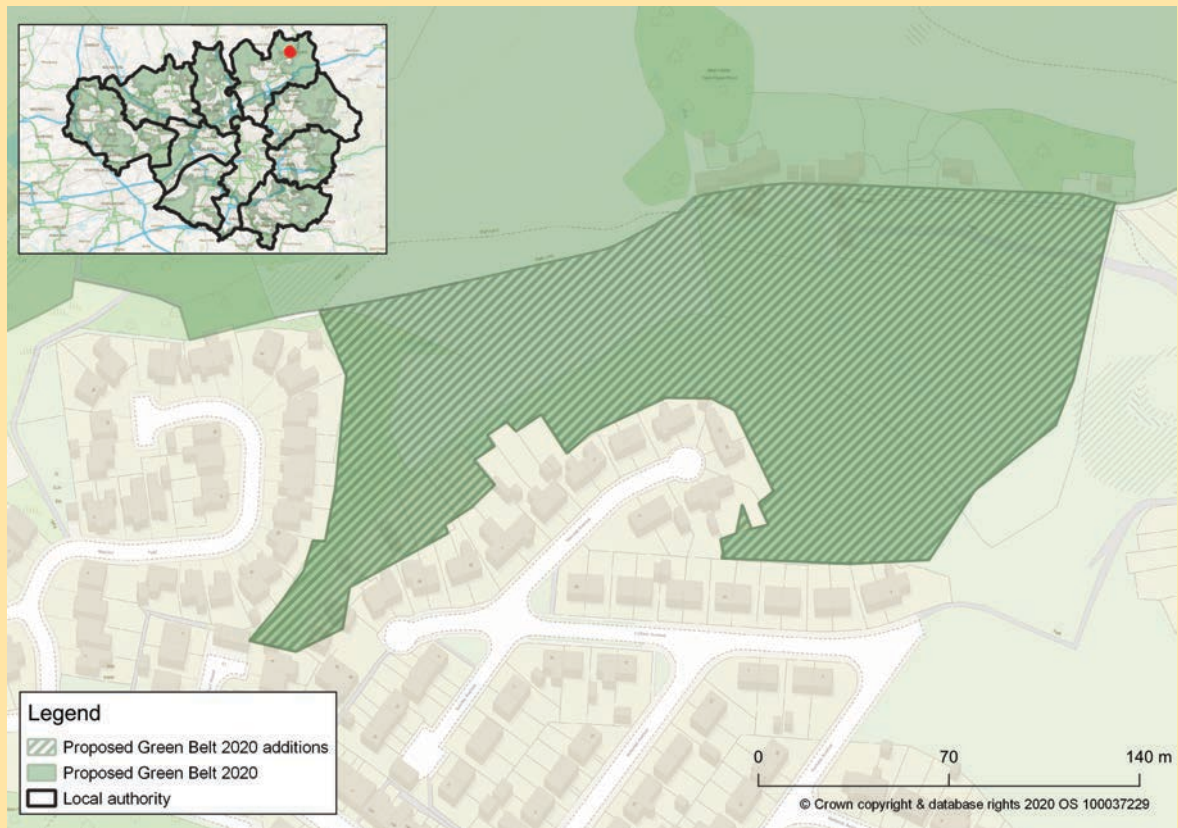
Land at Townhouse Brook, Littleborough



Picture B.24 GBA 23 Land at Townhouse Brook, Littleborough

Policy Green Belt Addition 24

Land north of Shore, Littleborough



Picture B.25 GBA 24 Land north of Shore, Littleborough

Policy Green Belt Addition 25

Land at Summit, Heywood

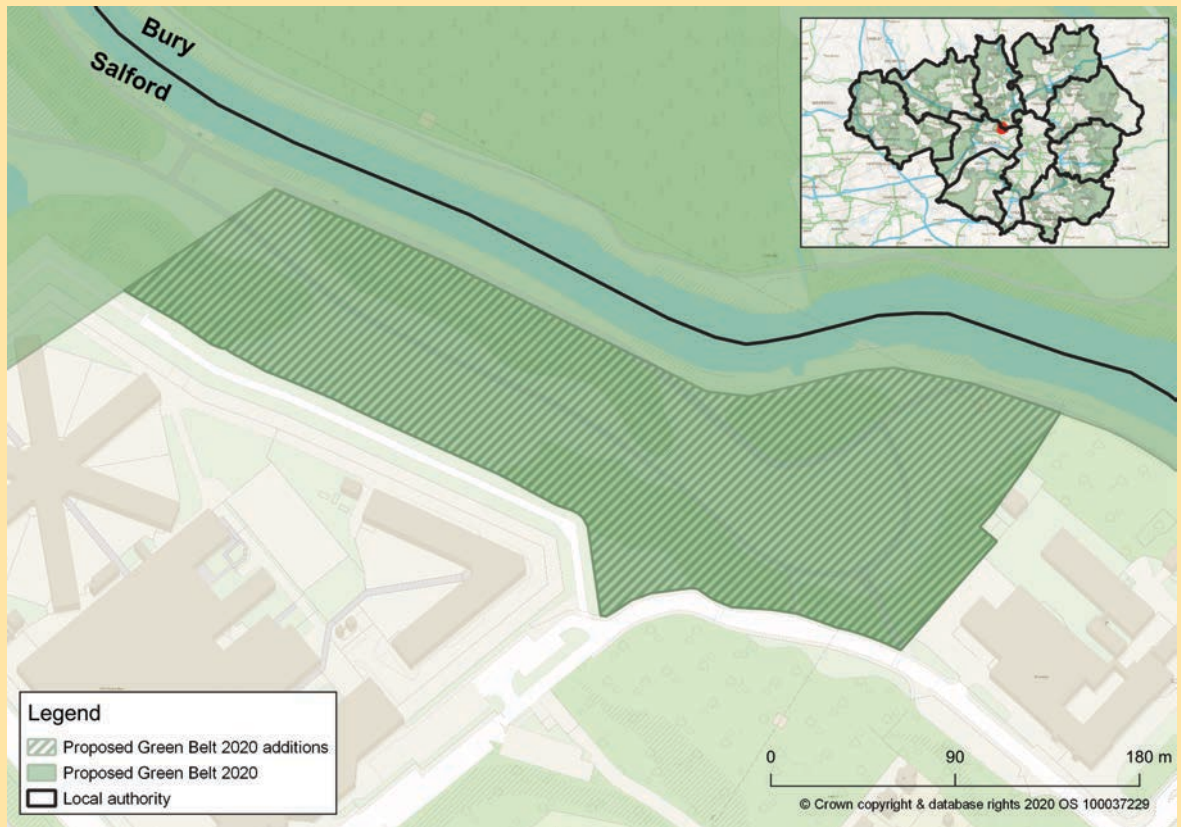


Picture B.26 GBA 25 Land at Summit, Heywood

Additions to the Green Belt in Salford

Policy Green Belt Addition 26

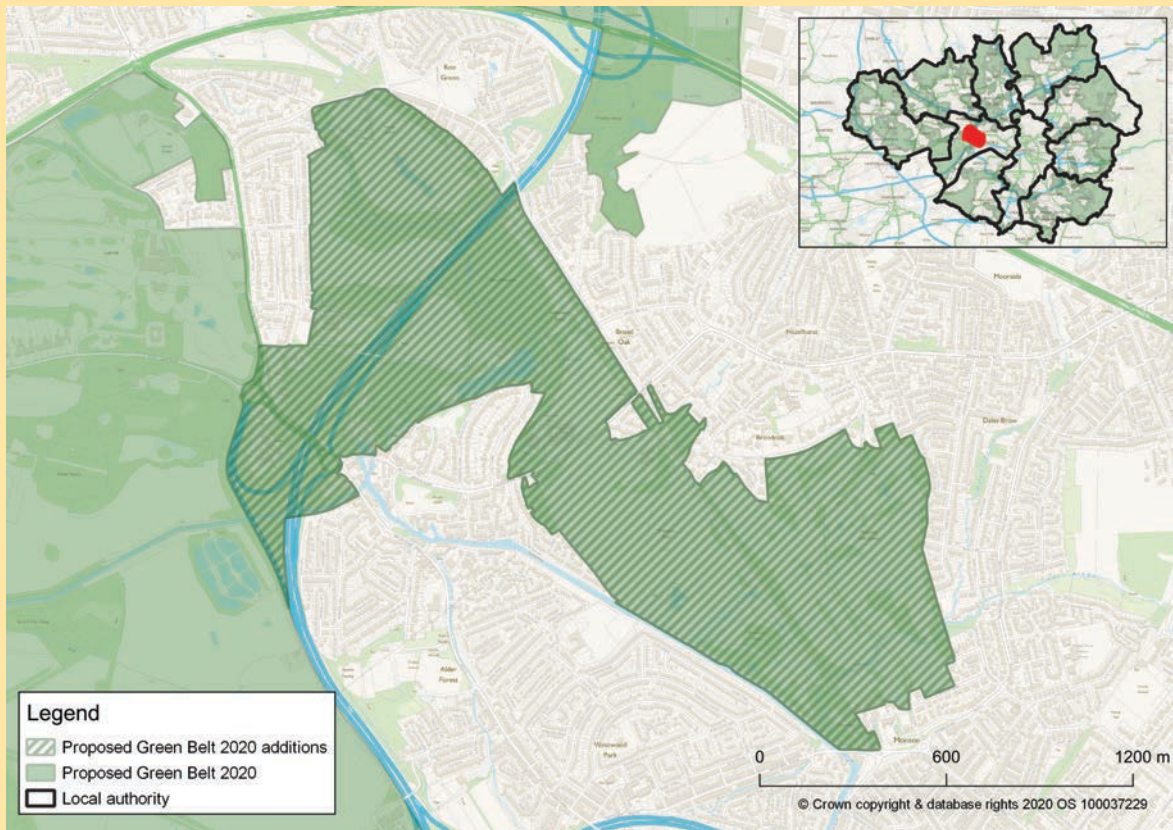
Land South East of Slack Brook Open Space



Picture B.27 GBA 26 Land South East of Slack Brook Open Space

Policy Green Belt Addition 27

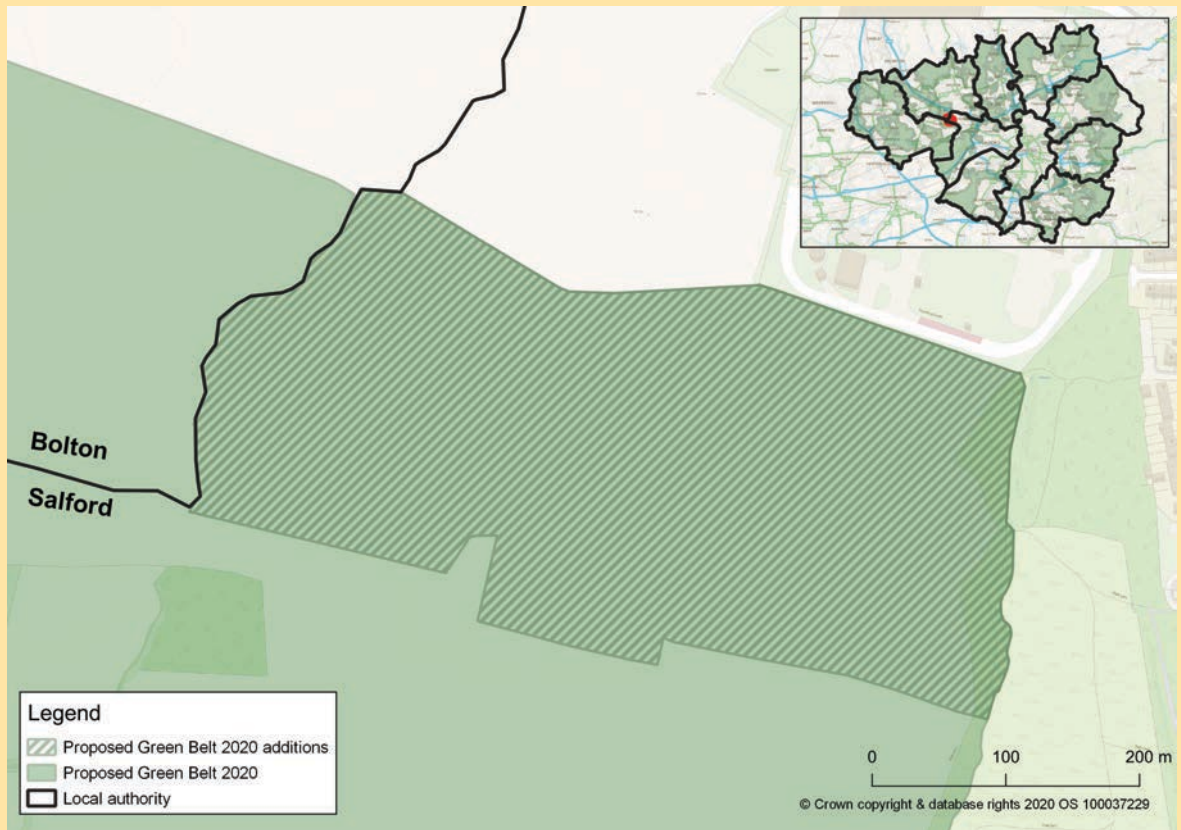
West Salford Greenway



Picture B.28 GBA 27 West Salford Greenway

Policy Green Belt Addition 28

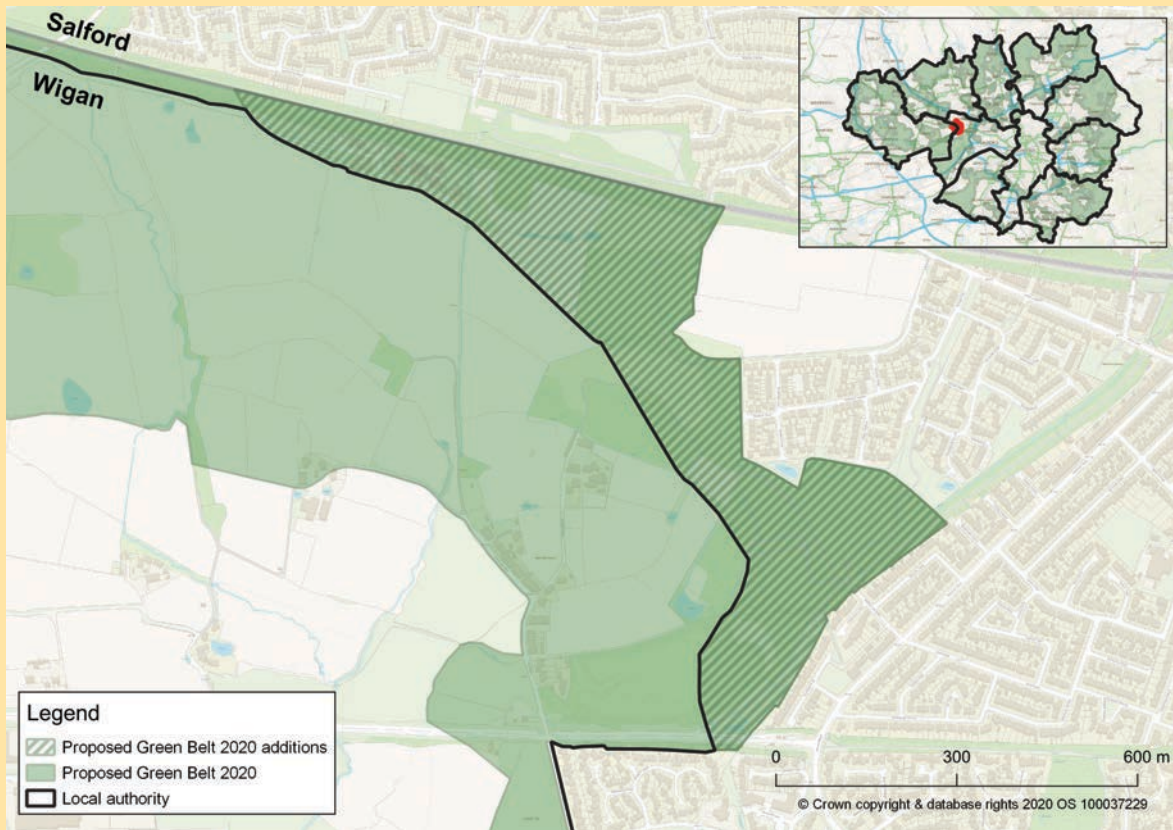
Part of Logistics North Country Park



Picture B.29 GBA 28 Part of Logistics North Country Park

Policy Green Belt Addition 29

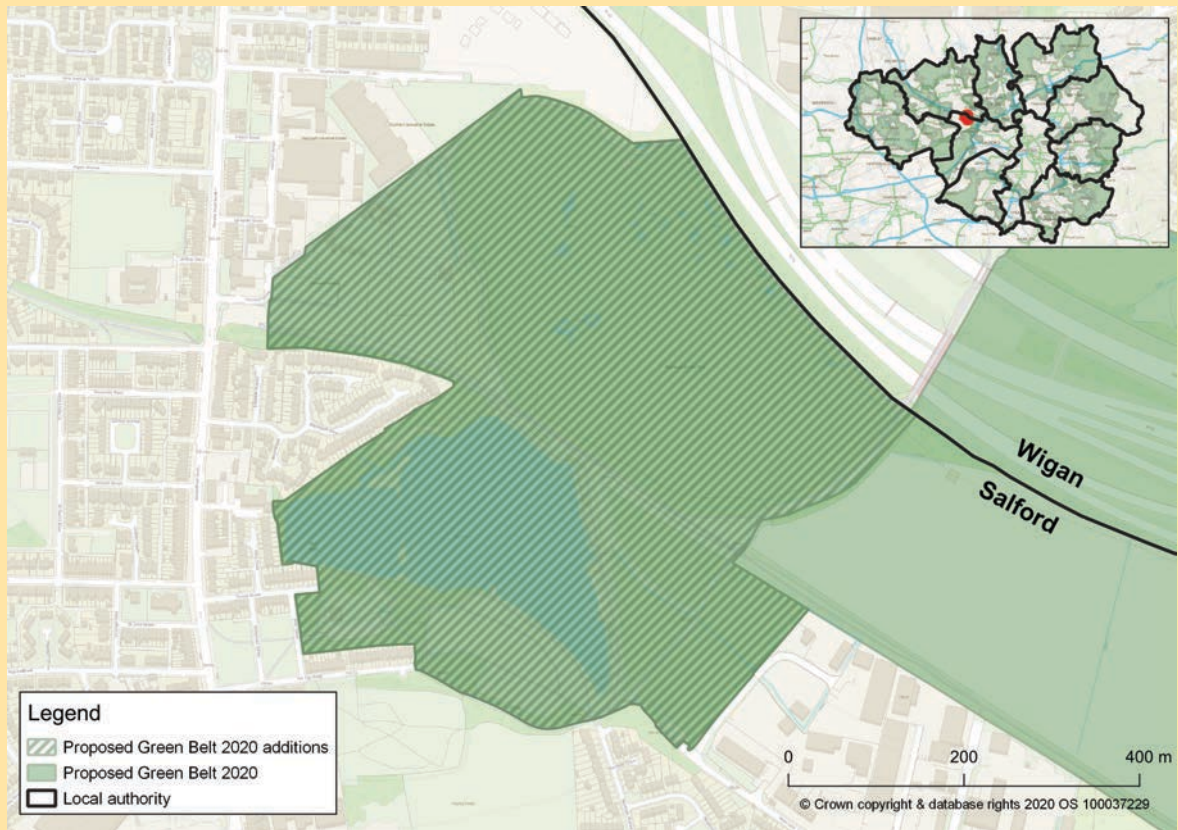
Land West of Burgess Farm



Picture B.30 GBA 29 Land West of Burgess Farm

Policy Green Belt Addition 30

Blackleach Country Park



Picture B.31 GBA 30 Blackleach Country Park

Additions to the Green Belt in Stockport

Policy Green Belt Addition 31

Railway embankment at Hyde Bank, Romiley



Picture B.32 GBA 31 Railway embankment at Hyde Bank, Romiley

Policy Green Belt Addition 32

Star Field



Picture B.33 GBA 32 Star Field

Policy Green Belt Addition 33

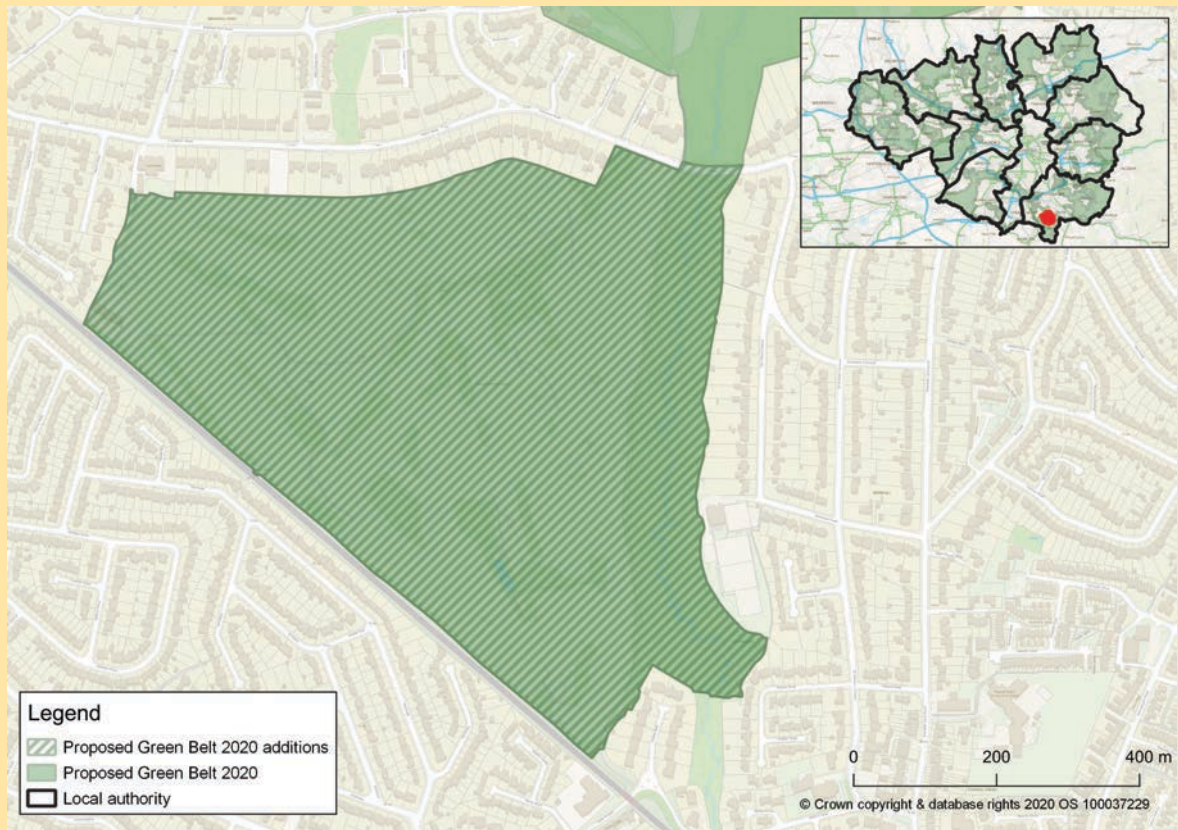
Adswood Open Space



Picture B.34 GBA 33 Adswood Open Space

Policy Green Belt Addition 34

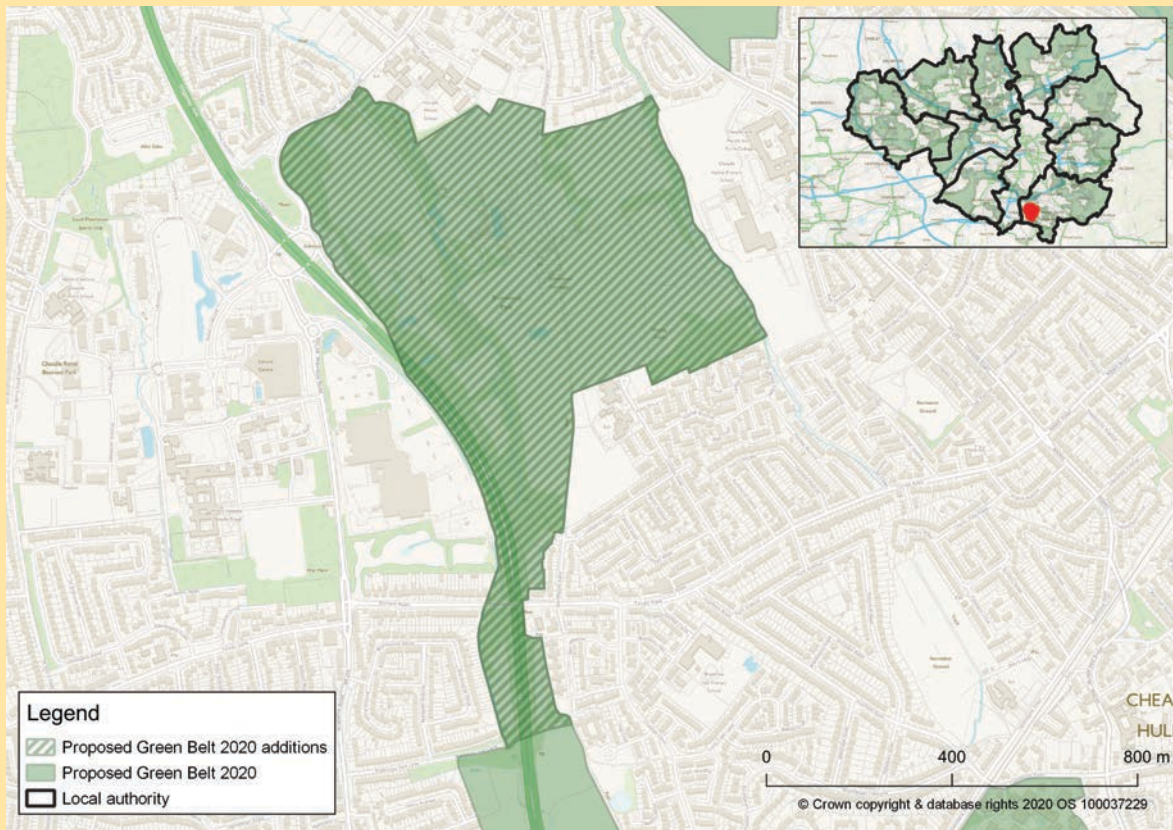
Bramhall Park Golf Club



Picture B.35 GBA 34 Bramhall Park Golf Club

Policy Green Belt Addition 35

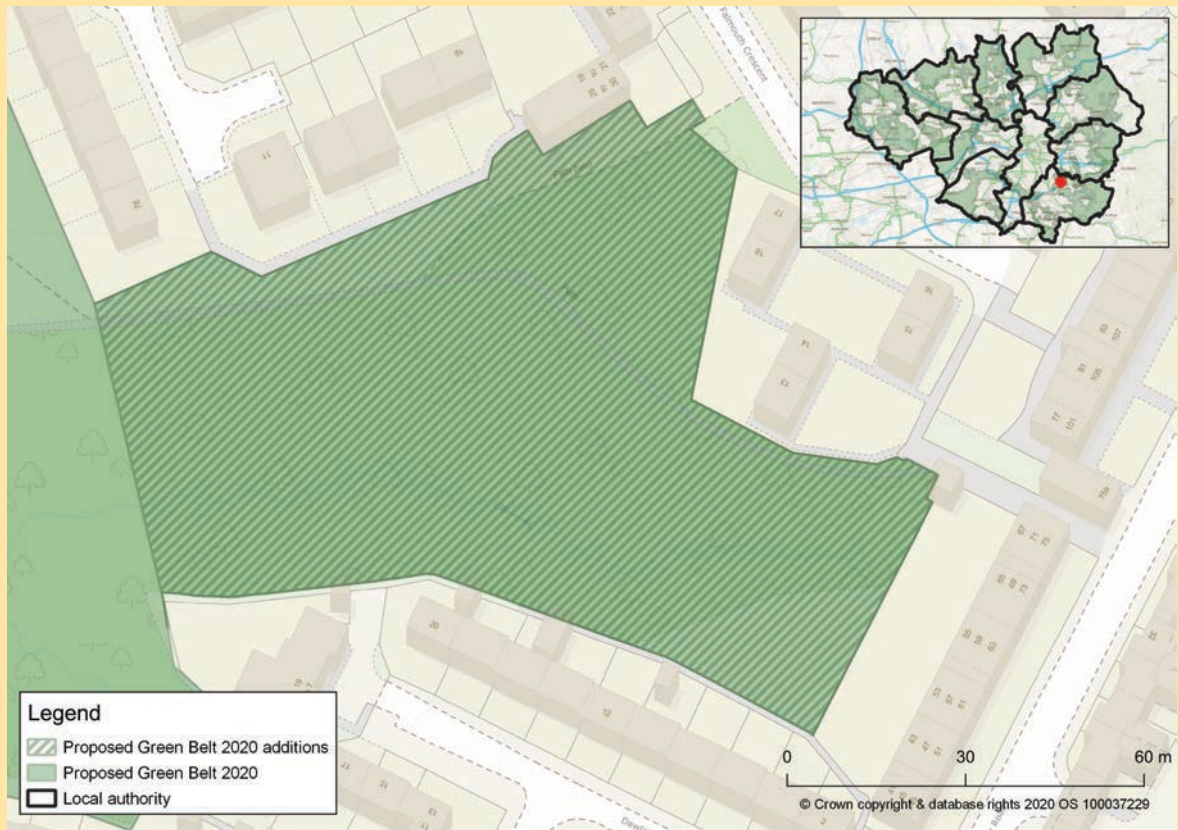
Bruntwood Park



Picture B.36 GBA 35 Bruntwood Park

Policy Green Belt Addition 36

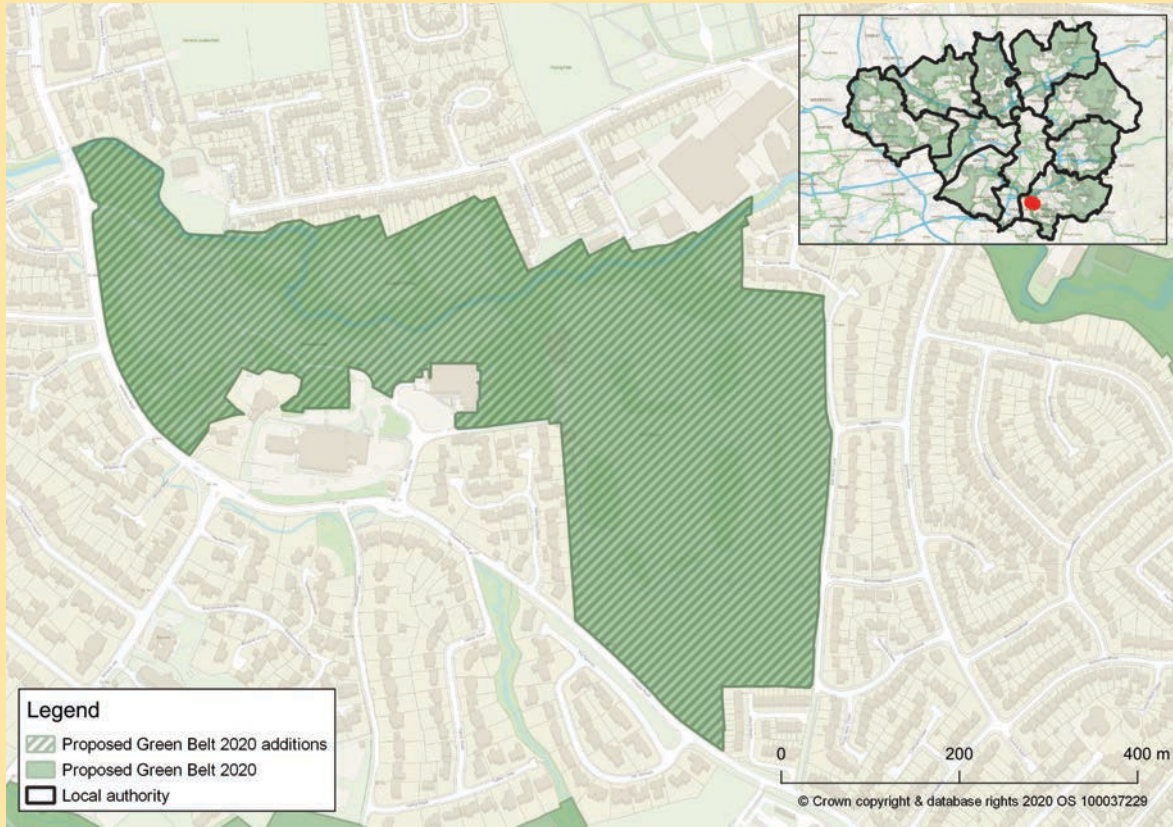
Dartmouth Crescent



Picture B.37 GBA 36 Dartmouth Crescent

Policy Green Belt Addition 37

Brookfield Park / Cheadle Golf Club

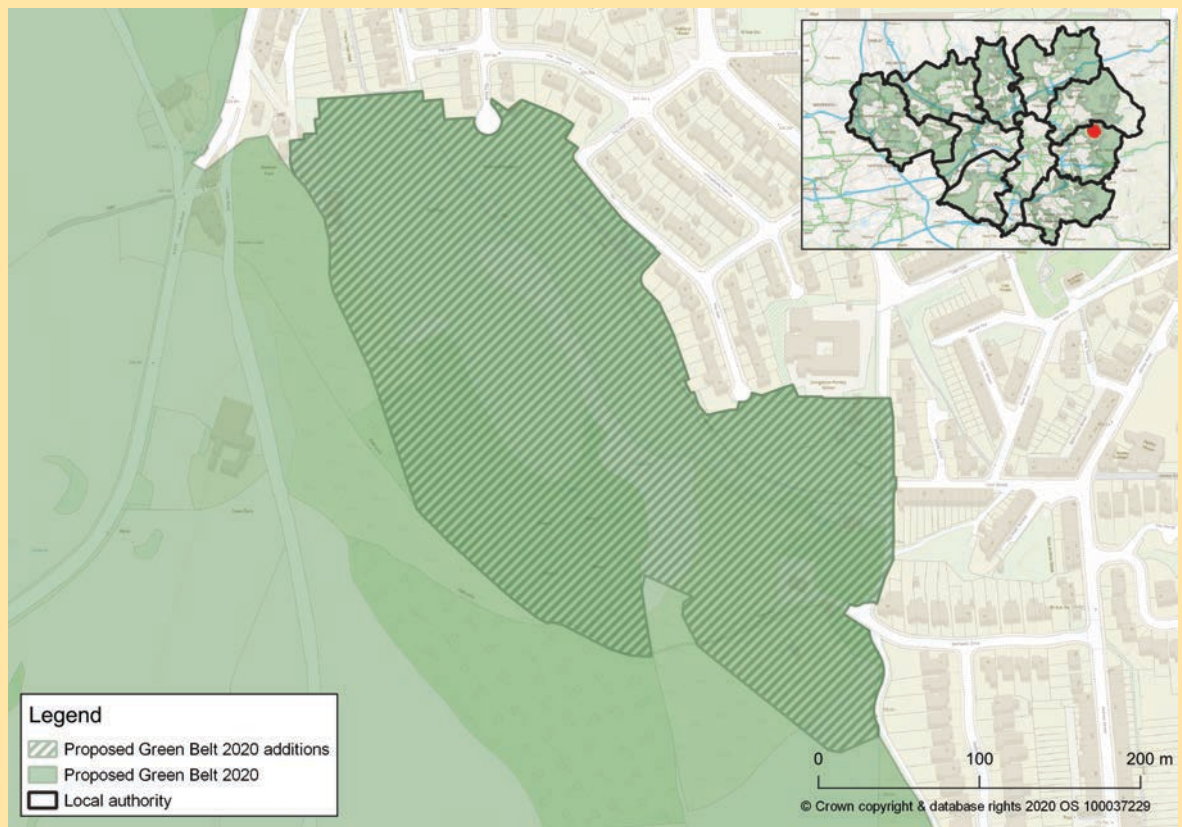


Picture B.38 GBA 37 Brookfield Park / Cheadle Golf Club

Additions to the Green Belt in Tameside

Policy Green Belt Addition 38

Fox Platt, Mossley



Picture B.39 GBA 38 Fox Platt, Mossley

Policy Green Belt Addition 39

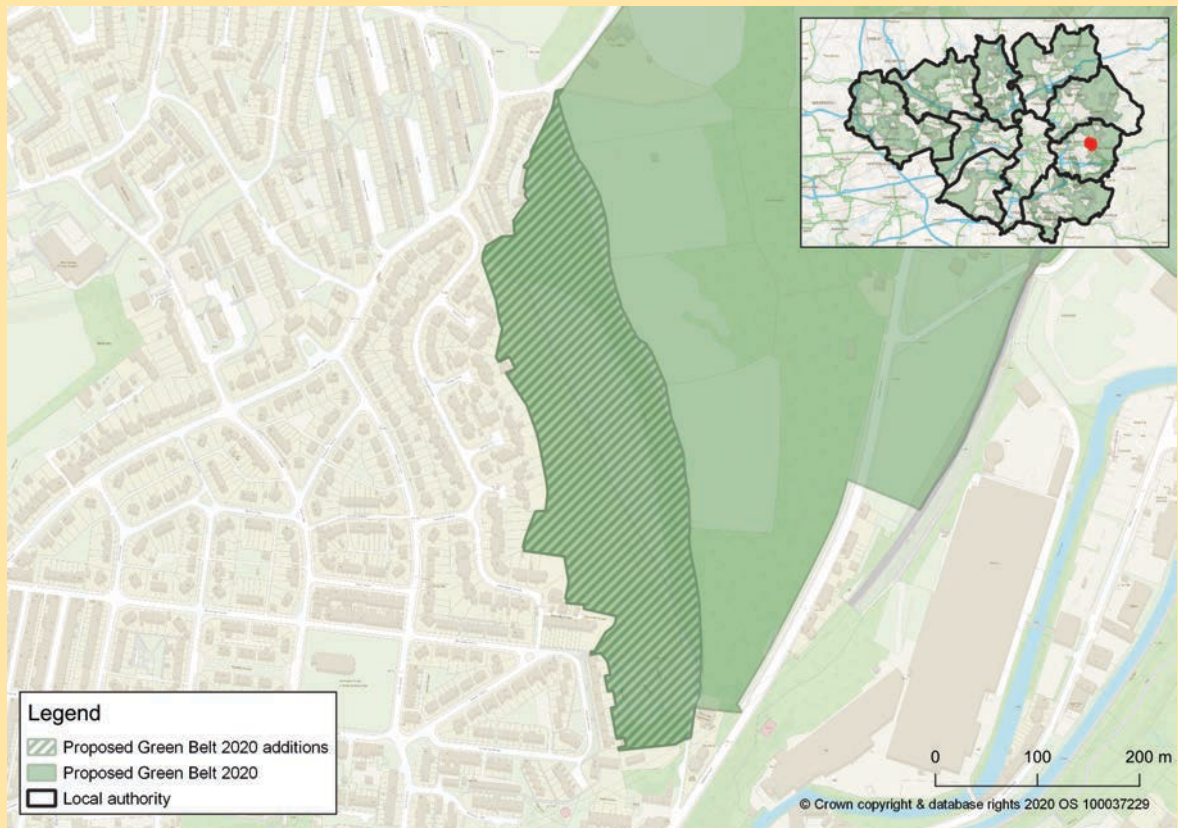
Manor Farm Close, Waterloo, Ashton



Picture B.40 GBA 39 Manor Farm Close, Waterloo, Ashton

Policy Green Belt Addition 40

Ridge Hill Lane, Ridge Hill, Stalybridge



Picture B.41 GBA 40 Ridge Hill Lane, Ridge Hill, Stalybridge

Policy Green Belt Addition 41

Long Row, Carrbrook, Stalybridge



Picture B.42 GBA 41 Long Row, Carrbrook, Stalybridge

Policy Green Belt Addition 42

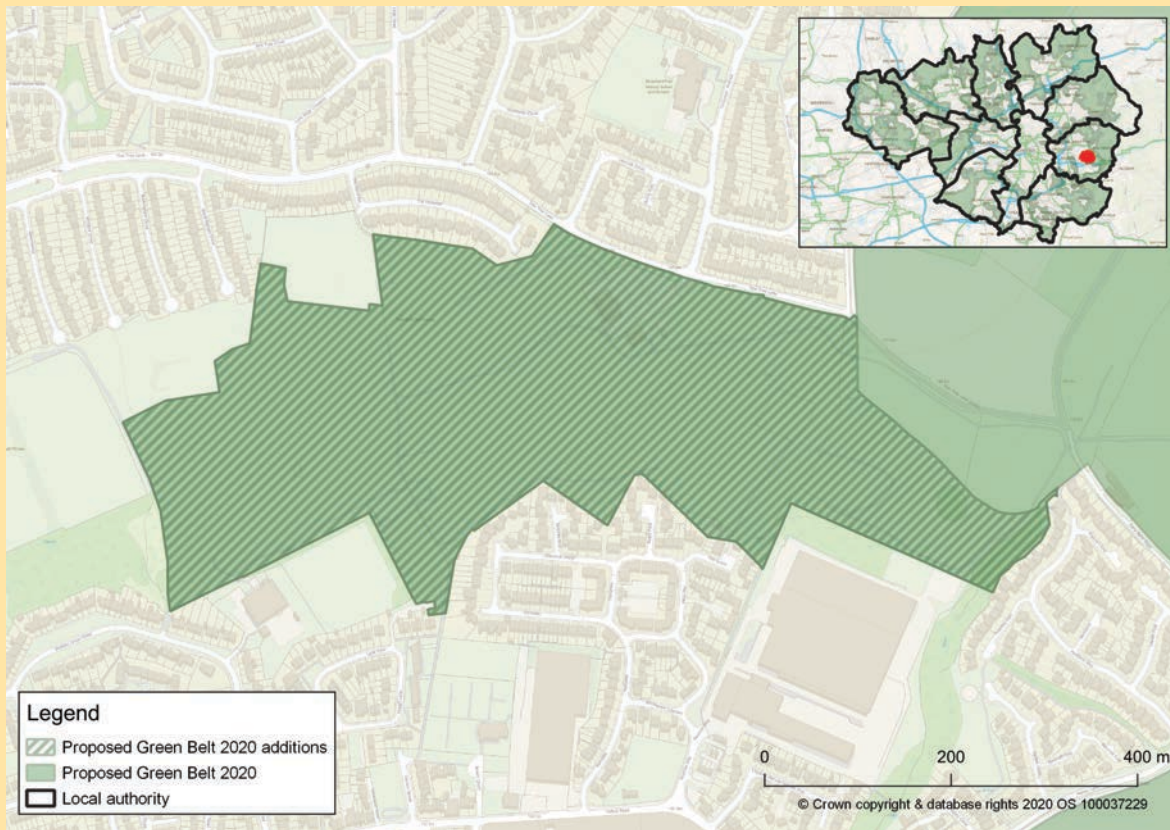
South View, Carrbrook, Stalybridge



Picture B.43 GBA 42 South View, Carrbrook, Stalybridge

Policy Green Belt Addition 43

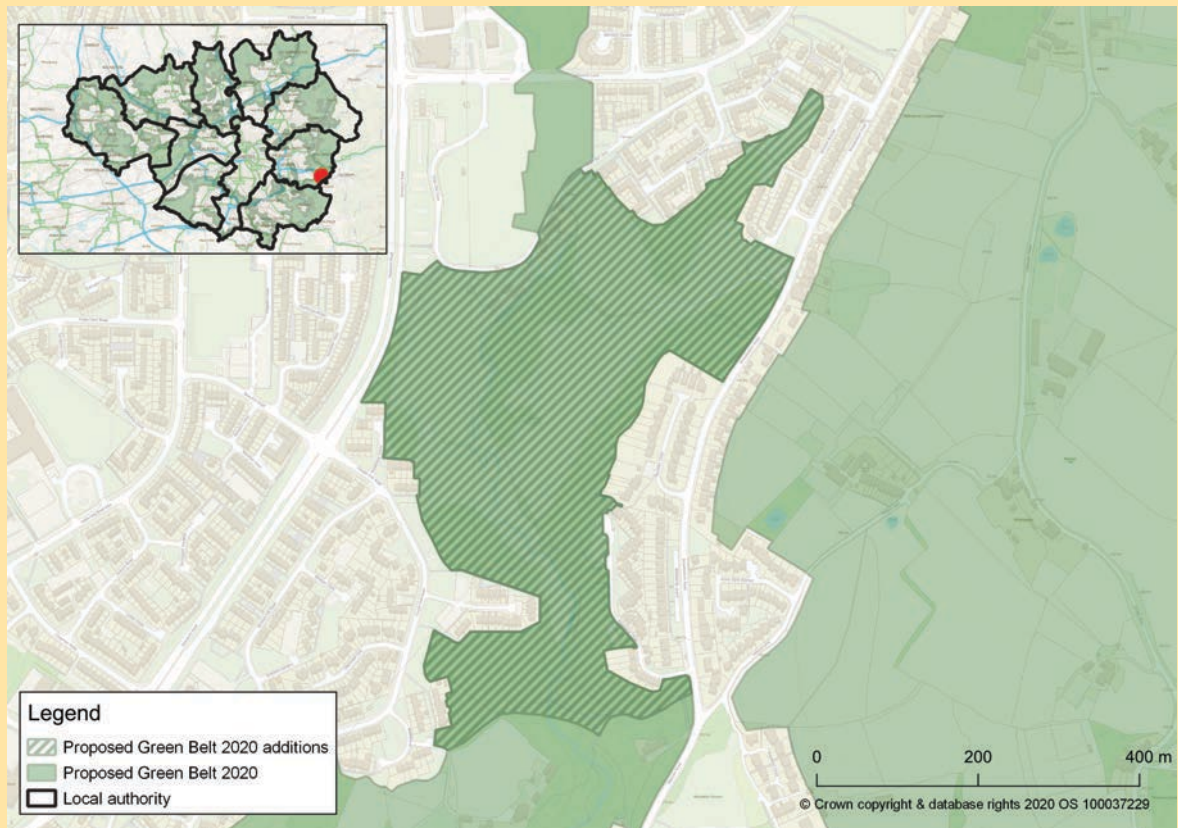
Yew Tree Lane, Dukinfield



Picture B.44 GBA 43 Yew Tree Lane, Dukinfield

Policy Green Belt Addition 44

Broadbottom Road, Broadbottom



Picture B.45 GBA 44 Broadbottom Road, Broadbottom

Policy Green Belt Addition 45

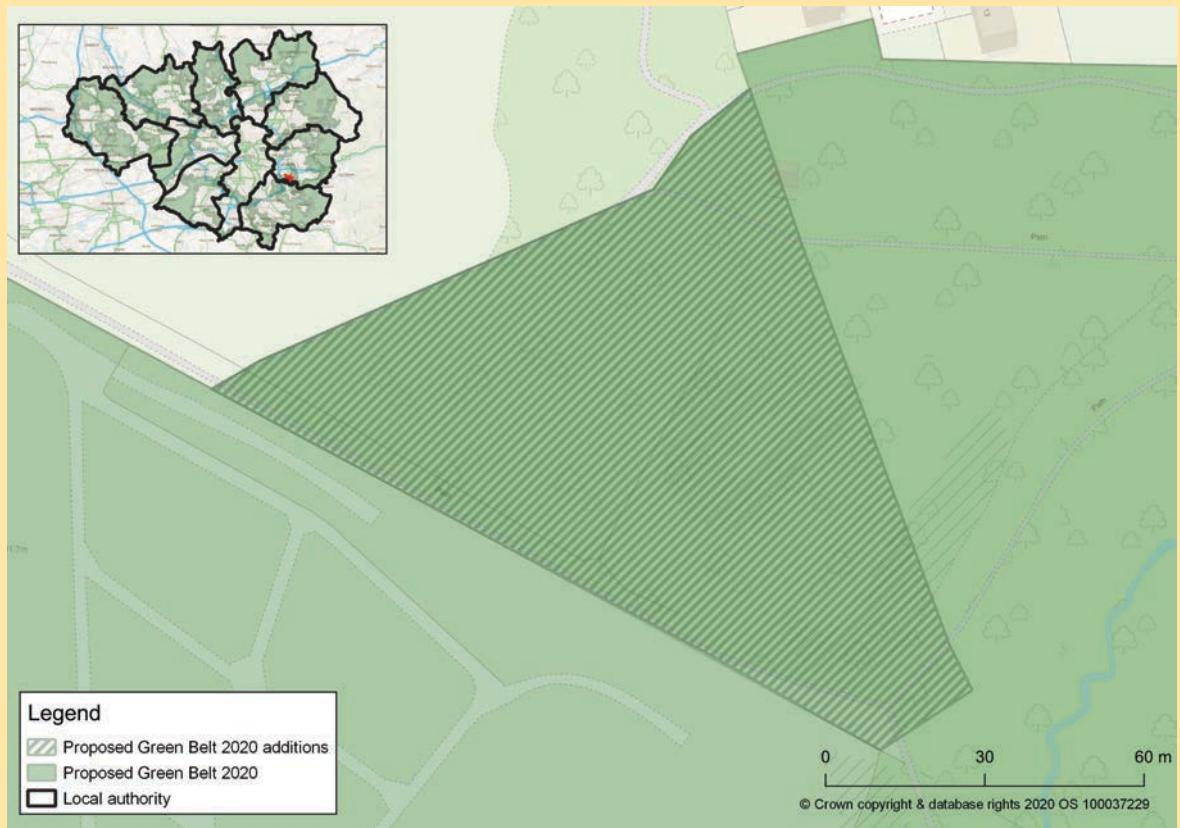
Ardenfield, Haughton Green, Denton



Picture B.46 GBA 45 Ardenfield, Haughton Green, Denton

Policy Green Belt Addition 46

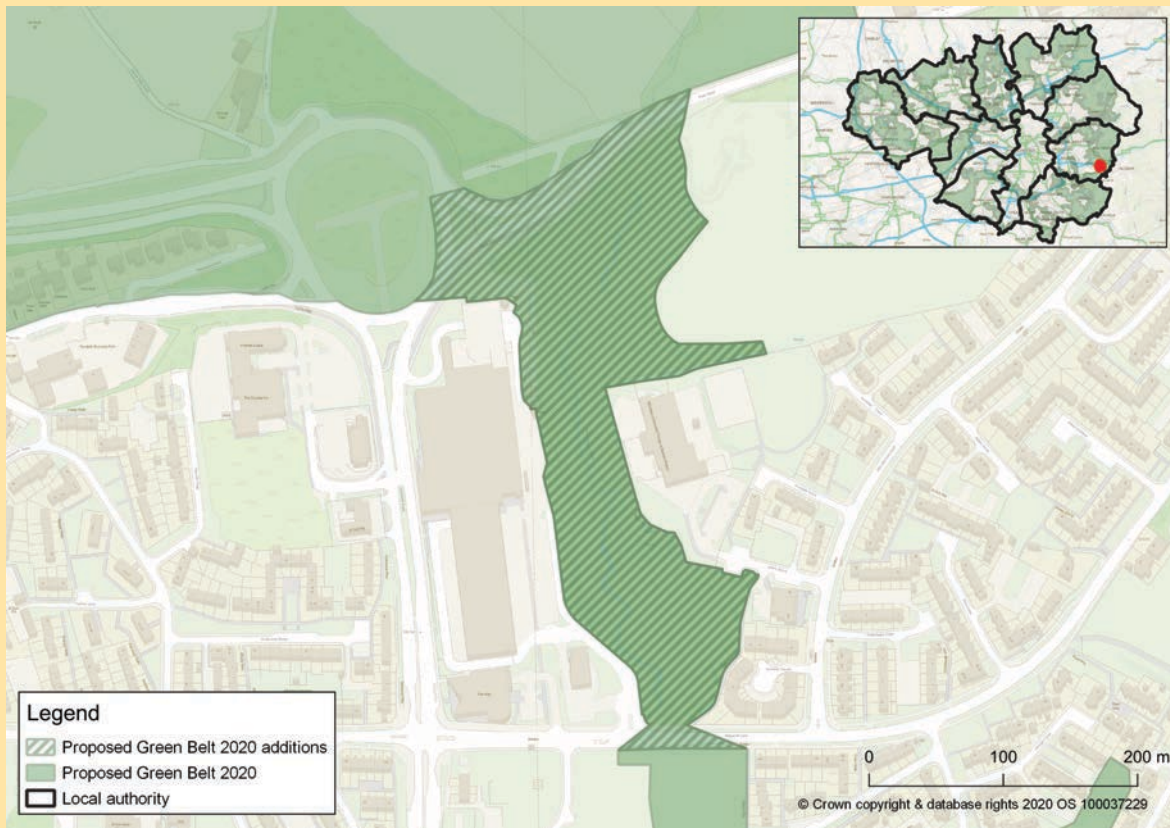
Cemetery Road, Denton



Picture B.47 GBA 46 Cemetery Road, Denton

Policy Green Belt Addition 47

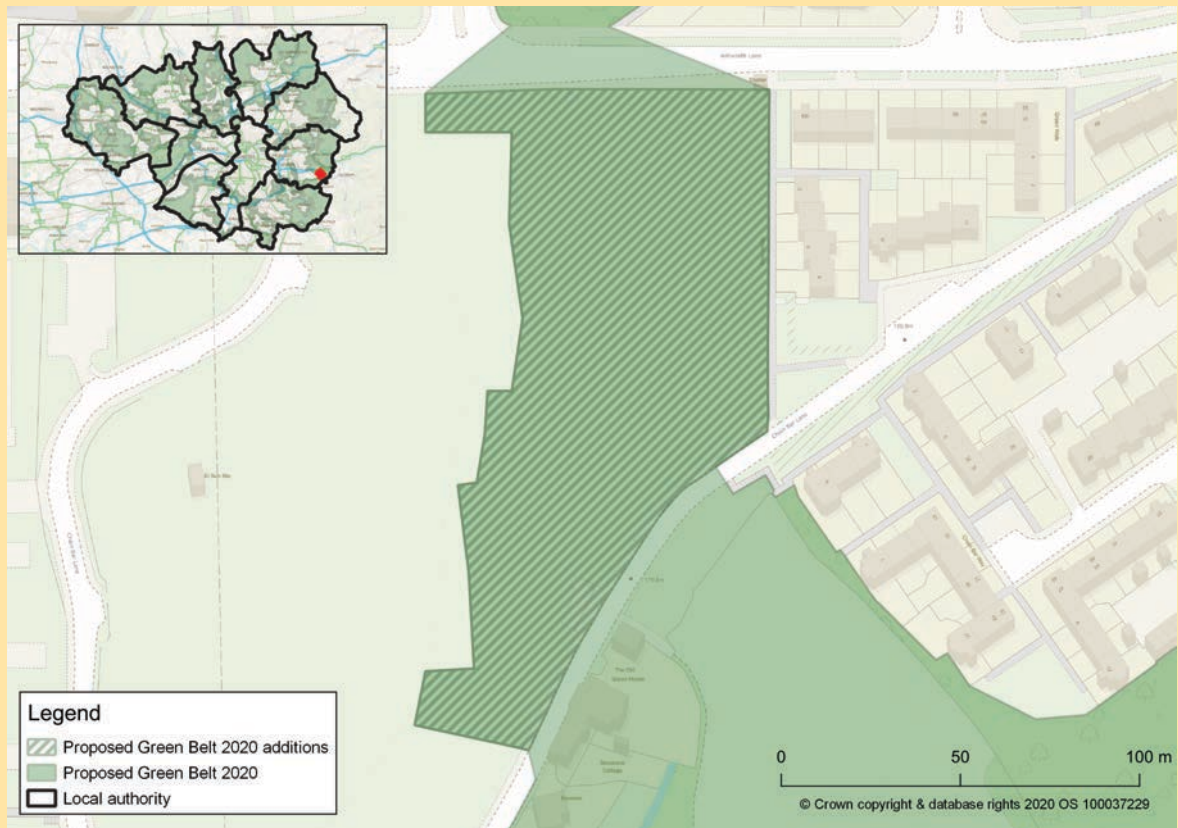
Hyde Road, Mottram



Picture B.48 GBA 47 Hyde Road, Mottram

Policy Green Belt Addition 48

Ashworth Lane, Mottram



Picture B.49 GBA 48 Ashworth Lane, Mottram

Policy Green Belt Addition 49

Horses Field, Danebank, Denton

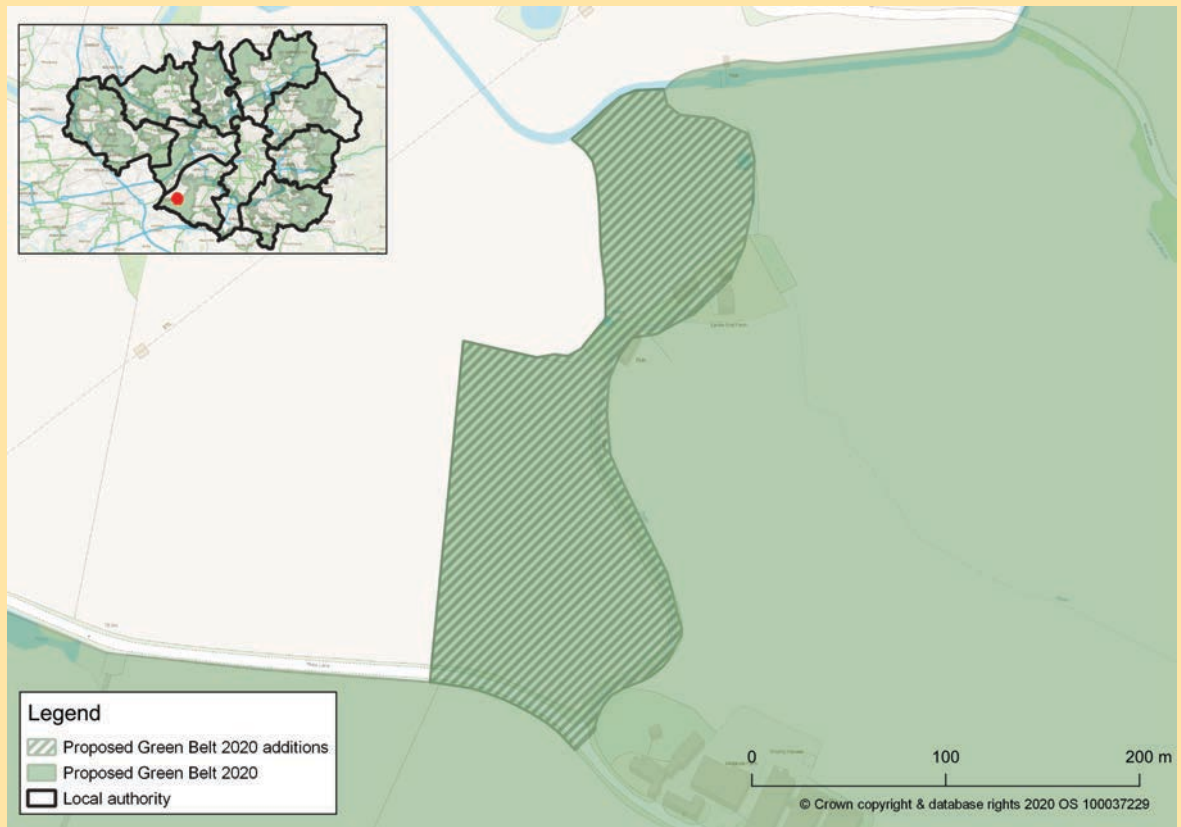


Picture B.50 GBA 49 Horses Field, Danebank, Denton

Additions to the Green Belt in Trafford

Policy Green Belt Addition 50

Midlands Farm, Moss Lane



Picture B.51 GBA 50 Midlands Farm, Moss Lane

Additions to the Green Belt in Wigan

Policy Green Belt Addition 51

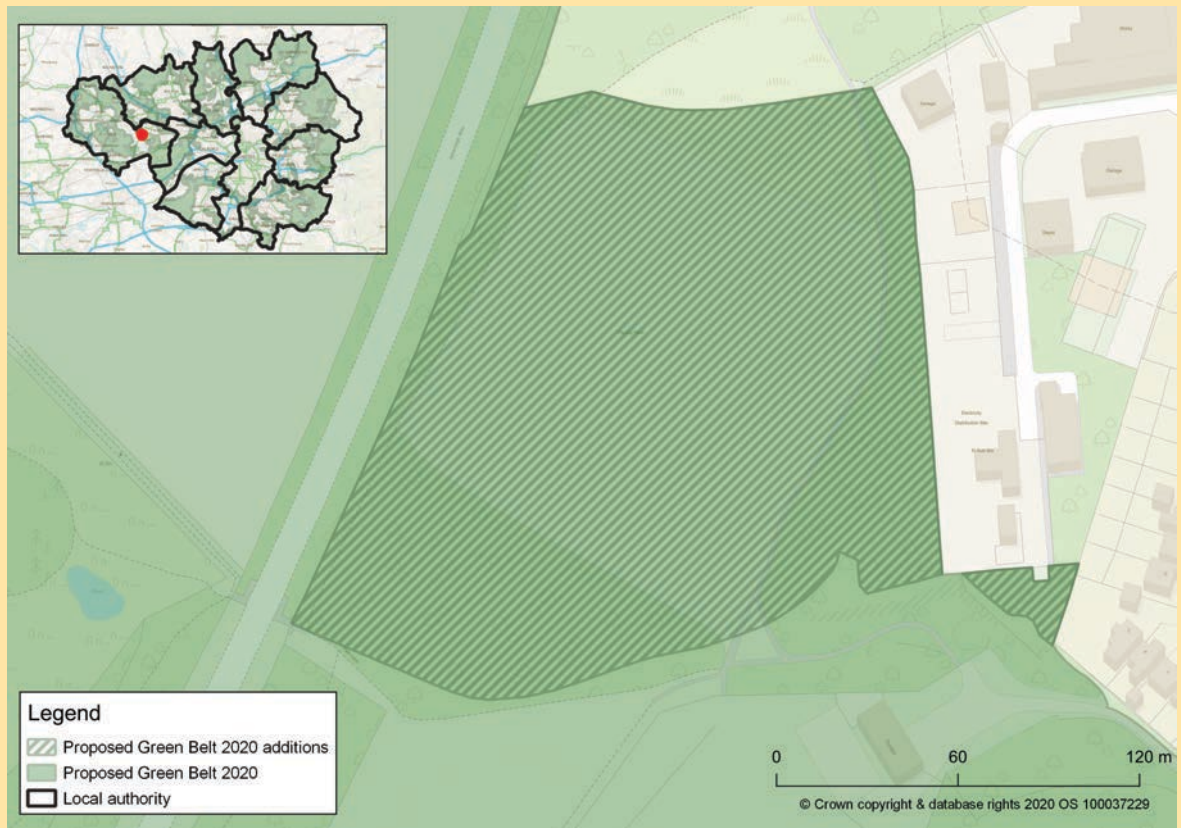
Land off Fir Tree Street, Ince



Picture B.52 GBA 51 Land off Fir Tree Street, Ince

Policy Green Belt Addition 52

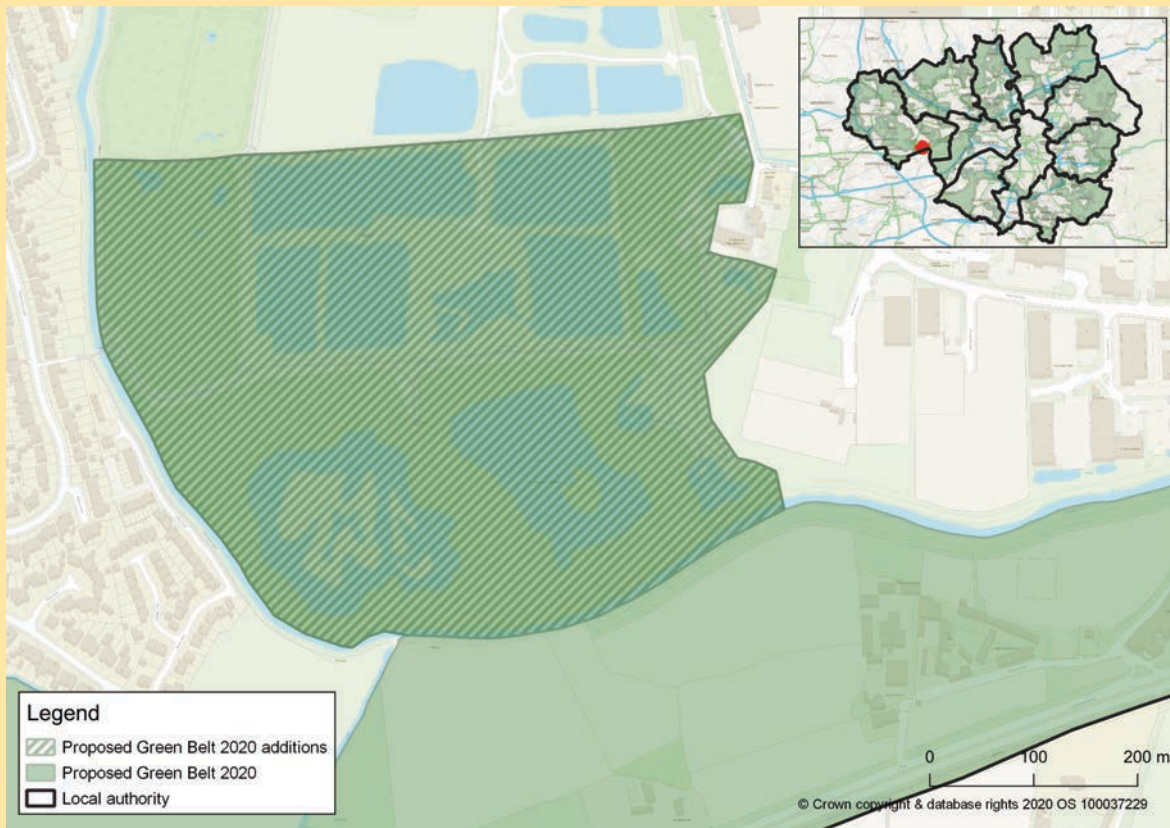
Pennington FC pitches



Picture B.53 GBA 52 Pennington FC pitches

Policy Green Belt Addition 53

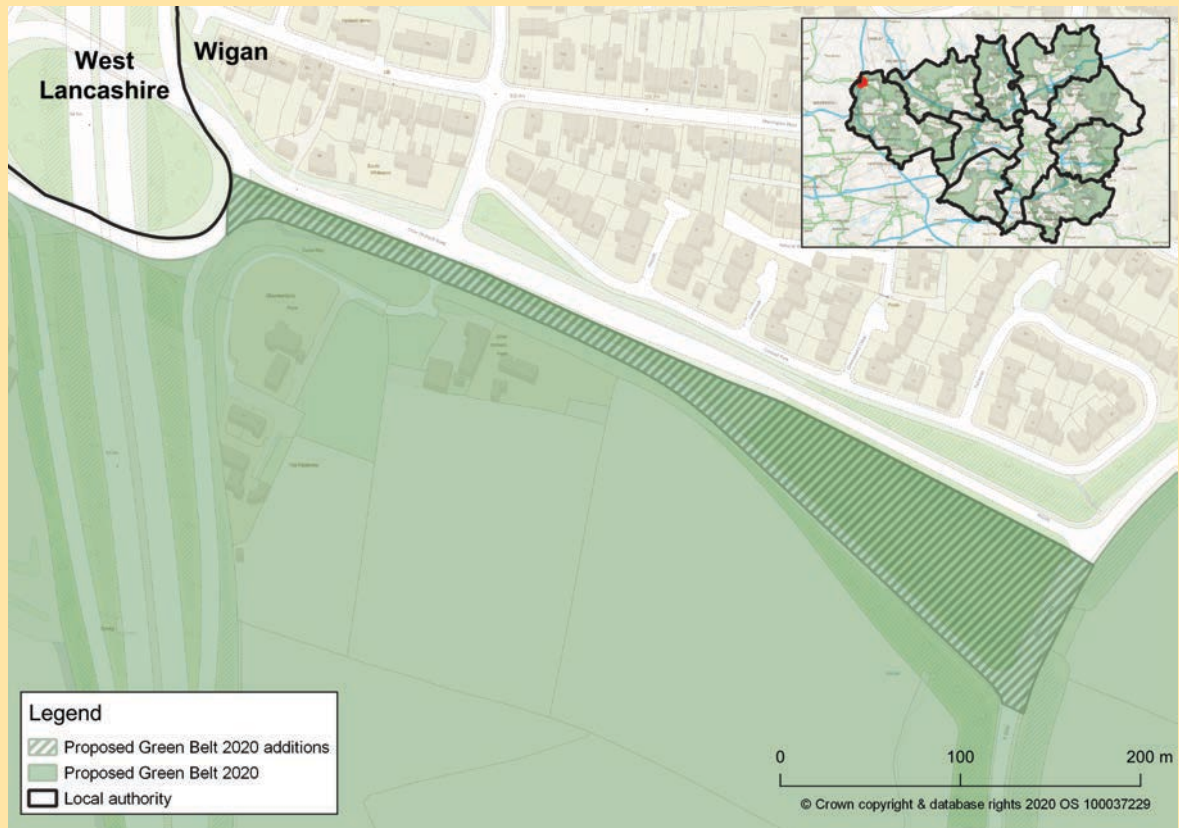
Hope Carr Nature Reserve



Picture B.54 GBA 53 Hope Carr Nature Reserve

Policy Green Belt Addition 54

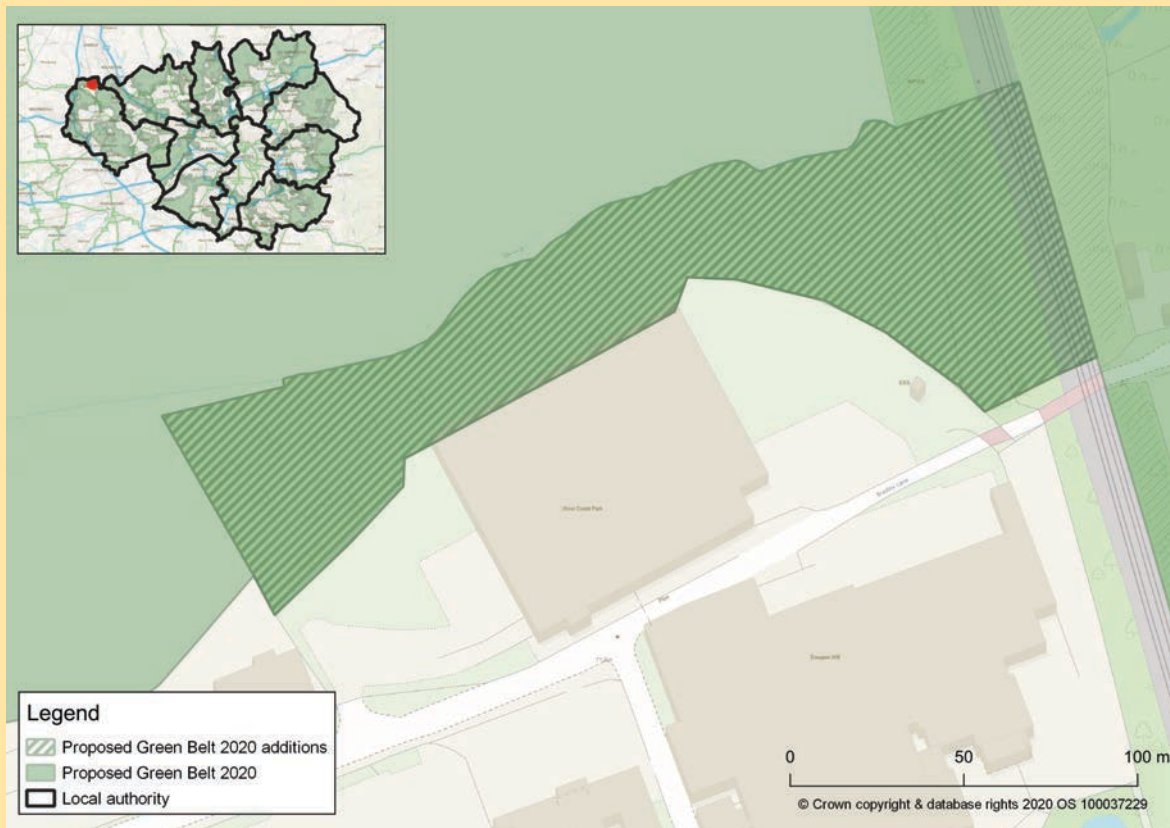
Crow Orchard Road



Picture B.55 GBA 56 Crow Orchard Road

Policy Green Belt Addition 55

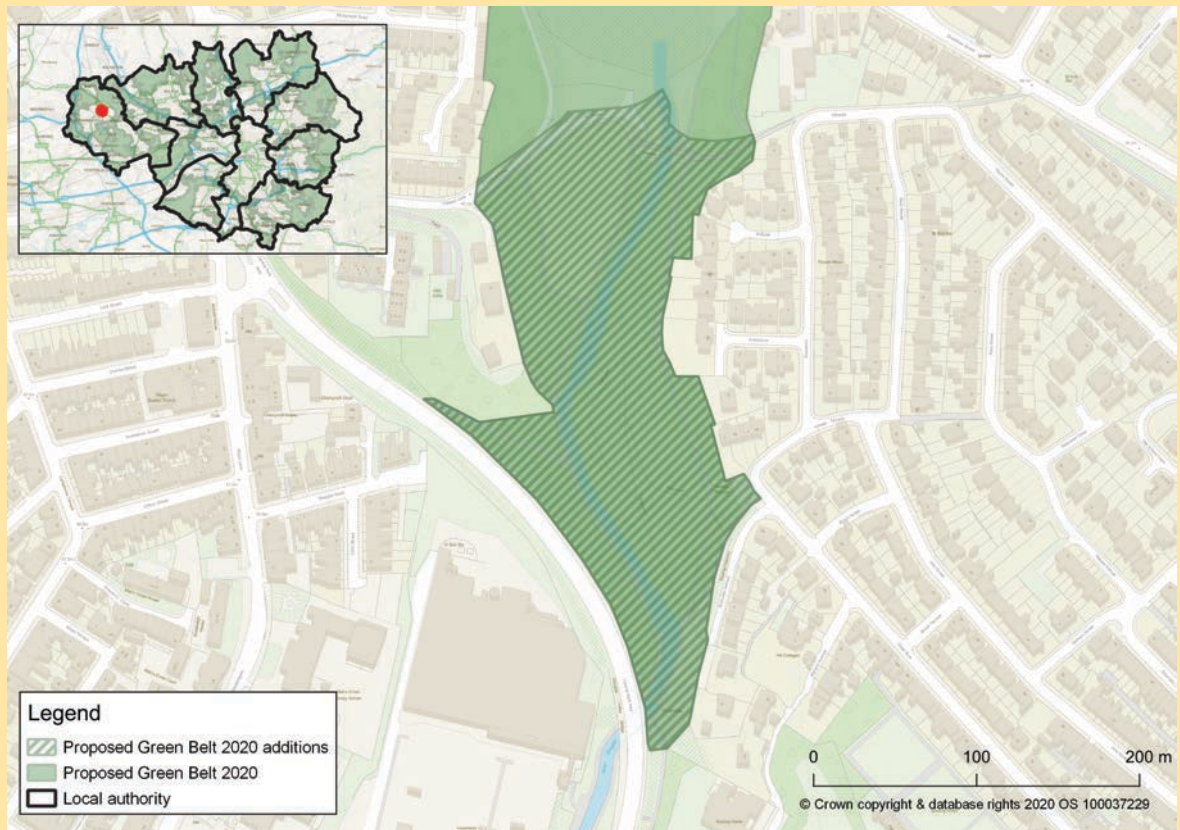
North Bradley Lane



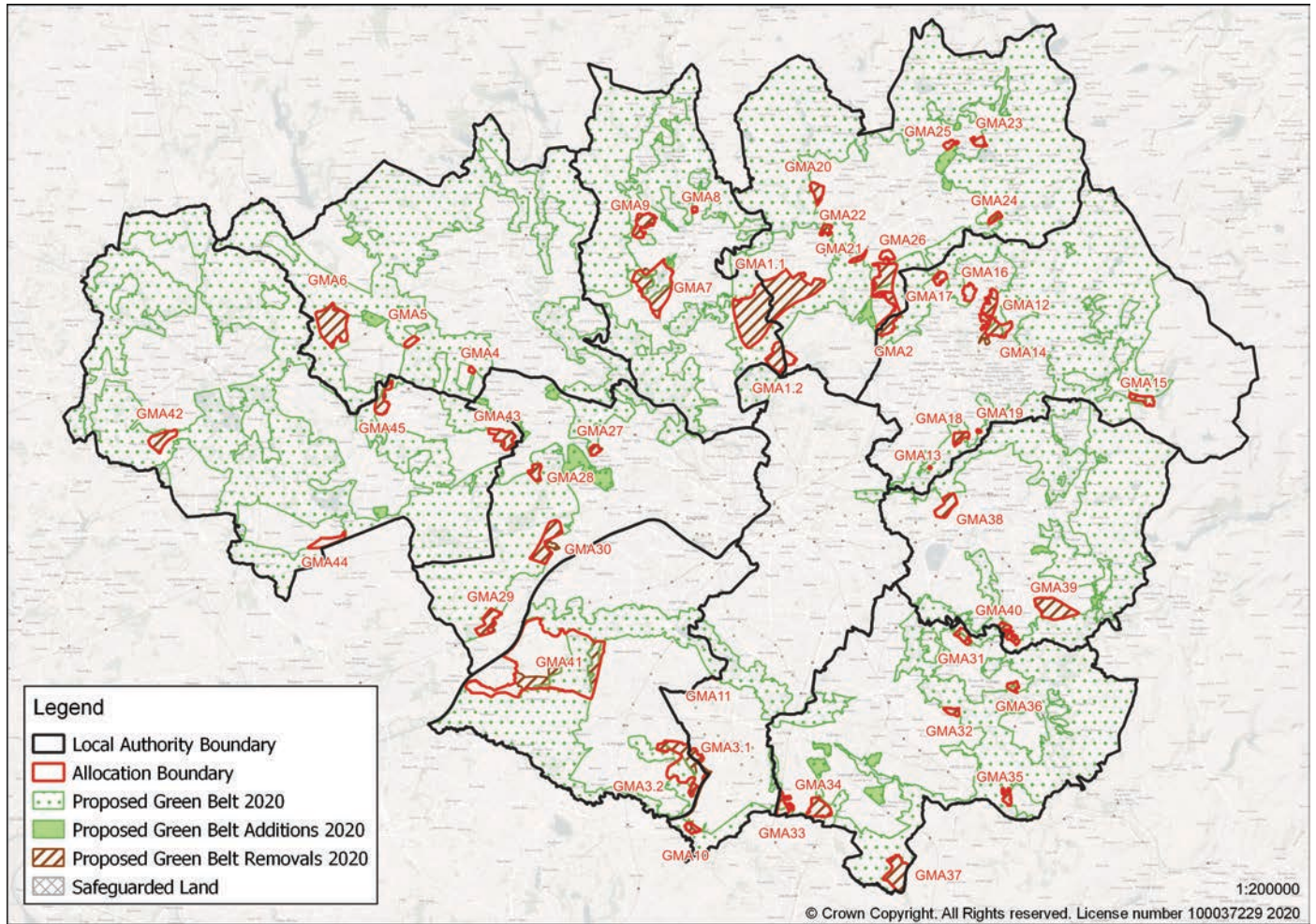
Picture B.56 GBA 55 North Bradley Lane

Policy Green Belt Addition 56

Coppull Lane



Picture B.57 GBA 56 Coppull Lane



Picture C.1 GMSF 2020 Policies Map