

DO NOT SCALE



Construct new tactile crossings on both sides of Williams Road

New footpath construction

Carriageway construction

New footpath construction

+63.7m

0 1 2 4 6 8 10 15 20
SCALE BAR (m)

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Notes

- All dimensions are in meters unless otherwise shown.
- All highway works shall be in accordance with Manchester City Council Requirements.
- The final thickness of sub-base materials required shall be determined by on site tests to the approval of the Engineer. Soft spots below formation and unsatisfactory sub-grade materials shall be excavated and replaced with selected fill Type 1 material to formation level.
- Bitumen Materials shall comply with BS EN 13108-1.
- Kerb Face for Vehicular Crossing = 25
Kerb Face for Pedestrian Crossing = 6 (maximum)
- Hot applied bond coat to all carriageway flexible construction layers
- All highway drains (including manholes, pipes, pipe fittings, bedding and surround) to be constructed in accordance with United Utilities current Specification and Standard/Typical Details.
- All highway sewer and highway drain trenches (above the pipe bedding to the underside of the carriageway construction) will be backfilled with Granular Sub-Base Type 1.
- Contractors responsibility to ensure that all services that are likely to be affected by the proposed works are located prior to works commencing. Trial holes are to be dug if necessary. Where necessary service mains shall be diverted strictly in accordance with the requirements of the relevant undertaker.
- All road marking to be removed (where no resurfacing works are taking place) are to be hydro-blasted or similar.
- Quality of existing service covers within the S278 area to be reviewed and replaced as necessary in agreement with the Contractor and the Highways Inspector. Contractor to consult with United Utilities regarding suitable covers and frames.
- Contractor to arrange approval for any works required to raise existing service covers.
- All existing highway features to be removed (ie: bollards, sign posts) to be offered to Manchester City Council after removal.
- Refer to Coopers Drawing 7588 / 04 for highway construction details.

KEY:

- S278 Footway Construction**
- 20mm Wearing Course:
HRA surface course to clause 910 an 911.
- 40mm Binder Course:
Asphalt concrete binder to clause 906 and 929.
- 100mm Sub-Base:
Type 1 granular material to comply with clause 803.
Sub-grade protection to be in accordance with clause 613 and 616.
- S278 Carriageway Construction**
- 40mm HRA Surface Course:
HRA to comply with Clause 911 or Clause 943.
- 60mm Binder Course:
HRA to comply with Clause 905 or 943 or as specified in appendix 7/1.
- 150mm Base:
Asphalt concrete to comply with Clause 906 or 929 or concrete as specified in appendix 7/1.
- Sub-Base:
200mm Granular Sub-Base Material Type 1 to Clause 803 or concrete Grade ST1 to Table 10/1 Clause 1001 or as specified in appendix 7/1.
- Where sub-grade is silt, clay or made ground, a capping layer or additional sub-base may be required. Capping layer shall be Class 6F material to Clause 613. If required thickness shall be agreed with the engineer dependant on CBR value of the subgrade-minimum of 300mm.
- Tactile Paving**
- 450x450x65 Concrete 'Buff' coloured tactile paving flags
- Site Boundary**
- Half Battered Kerb (HB2) - 125mm UPSTAND
- Flat top edging kerb (EF) - FLUSH flat top at driveways, 40mm UPSTAND elsewhere
- Bull nose kerb (BN) - 25mm UPSTAND (vehicle crossing)
- Dropper Kerb (HB2-BN)

Design based on Layout:
Williams Road, Gorton.
Proposed Site Plan, Dwg No.4402/101
Rev: A
Grid/Level datum based on Topo:
Williams Road, Gorton.
Topographical Survey,
Dwg No. RBS - 18/1178/001
Rev: B

APPROVAL

A	26.10.22	Updated to suit MCC comments	LW	AJ
Rev.	Date	Revision	By	Appd.

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Client

MANGROVE ESTATES LTD

Project

CHATSWORTH MILL,
WILLIAMS ROAD, GORTON.

Title

S278 Highway Works
Construction Materials

DRAWING NUMBER	SCALE at A1	1:250
7588 / S278-03	DATE	23.06.22
	DRAWN	LW
	CHECKED	AJ
	REVISION	A