



WORKS WITHIN EXISTING HIGHWAY ARE SUBJECT TO SECTION 278 AGREEMENT, VEHICLE CROSSOVER AND/OR BELLMOUTH AGREEMENTS WILL BE REQUIRED WITH THE LOCAL AUTHORITY. ALL LICENSES SHOULD BE AGREED WITH THE LA BY CONTRACTOR PRIOR TO ANY WORKS

ANY WORKS UNDERTAKEN PRIOR TO RECEIPT OF TECHNICAL APPROVAL FOR THEIR RESPECTIVE PROPOSALS IS DONE AT THE CONTRACTOR'S OWN RISK.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER HBL DRAWINGS ISSUED FOR THIS PROJECT

- SECTION 38 NOTES:**
- ROADS AND FOOTWAYS TO BE ADOPTED UNDER SECTION 38 OF HIGHWAYS ACT 1980 SHALL COMPLY WITH THE ADOPTING LOCAL AUTHORITY HIGHWAY DESIGN GUIDELINES FOR NEW DEVELOPMENTS AND BE IN ACCORDANCE WITH THE HIGHWAYS AGENCY DESIGN MANUAL FOR ROADS AND BRIDGES.
  - ALL WORKS WITHIN PUBLIC HIGHWAY TO COMPLY WITH CURRENT HEALTH AND SAFETY STANDARDS AND ALL SIGNING SHALL COMPLY WITH CHAPTER 8 TRAFFIC SAFETY MEASURES AND SIGNS FOR ROADWORKS AND TEMPORARY SITUATIONS OF THE TRAFFIC SIGNS MANUAL.
  - A COVENANT WILL BE PROVIDED TO THE BENEFIT OF THE LOCAL AUTHORITY ENSURING THAT NO PLANTING OR STRUCTURE GREATER THAN 600MM IN HEIGHT TO BE PERMANENTLY SITUATED WITHIN ANY PRIVATE VISIBILITY SPLAYS.
  - REAR OF VISIBILITY SPLAYS TO BE DELINEATED WITH A CONTINUOUS 50 X 150 PC CONCRETE TYPE EF SQUARE EDGING SET AT A LEVEL TO ENABLE THE GRASS (IF ANY) TO BE CUT.
  - HAND LAYING OF BITUMINOUS MATERIALS IS NOT PERMITTED ON ADOPTABLE CARRIAGEWAY.
  - TARMAC ROAD CONSTRUCTION TO COMPLY WITH BS EN 130108.
  - ALL SUBSTRATA STRUCTURES AND UNCONSOLIDATED MATERIAL WITHIN THE CONSTRUCTION WIDTH OF THE HIGHWAY, ARE TO BE REMOVED.
  - WHERE TWO OR MORE WATER SERVICES BOUNDARY BOXES ARE SITUATED TOGETHER MULTIMETER BOUNDARY AS SPECIFIED BY THE SEWERAGE UNDERTAKER ARE TO BE INSTALLED.
  - STOPCOCK AND METER COVERS SHALL NOT BE LOCATED WITHIN THE VEHICULAR CROSSING CONSTRUCTION.
  - HINGED GULLY GRATE AND FRAME TO BS EN 124, GRADE D400, NON-ROCKING WITH CAPTIVE LEFT HAND END HINGE, MINIMUM WATERWAY AREA 900CM SQUARED, FRAME DEPTH 100MM, BLACK COATED DUCTILE IRON.
  - ALL GULLY POTS TO BS5911 OR BS 65 MINIMUM SIZE 900MM X 450MM.
  - ALL TRENCHES WITHIN THE ADOPTABLE AREAS WILL BE BACKFILLED WITH TYPE 1, OR MATERIALS SPECIFIED IN CLAUSE 6.17.
  - IN DRAINAGE EASEMENT AREAS NO BUILDINGS, WALLS OR OTHER PERMANENT STRUCTURES AND NO PLANTING OF TREES, OR SUBSTANTIAL SHRUBS/ HEDGES.
  - ALL EXISTING DRAINAGE LEVELS, DIAMETERS & LOCATIONS NEED TO BE CHECKED ON SITE AND ANY DISCREPANCIES NEED TO BE REPORTED BACK TO THE ENGINEER.
  - MANHOLE COVERS AND GULLY GRATES TO BE ADOPTED SHALL BE KITEMARKED AND TO BS EN124, CLASS D400, GULLY GRATES 450MM SQUARE.
  - MANHOLES LOCATED WITHIN TURNING AREAS OF JUNCTION TO HAVE COVERS TREATED WITH AN ANTI-SLIP COATING.
  - COVER LEVELS FOR MANHOLES ARE APPROXIMATE ONLY AND SHOULD BE ADJUSTED TO MATCH SURROUNDING LEVELS.
  - IN BLOCK PAVED AREAS 'INFILL' TYPE COVERS SHOULD NOT BE USED, AND FRAMES MUST BE 150MM DEEP.
  - ALL GULLY AND CHANNEL GRATING IN SHARED SURFACES AND FOOTWAYS TO BE PEDESTRIAN FRIENDLY.
  - ALL ADOPTABLE PIPE WORK FOR HIGHWAY DRAINS TO BE MINIMUM CONCRETE CLASS 120 TO BS5911 OR CLASS 120 CLAY OR 28KNM CRUSHING STRENGTH IF 150MM Ø TO BS EN 295-1 AND LAID ON CLASS S GRANULAR BED UNLESS SHOWN OTHERWISE.
  - WHERE HIGHWAY DRAINS HAVE LESS THAN 12M COVER UNDER ROADS AND 0.9M COVER UNDER DRIVES AND GARDENS THE PIPES ARE TO BE SURROUNDED WITH 150MM OF CLASS ST4/C20 CONCRETE WITH FLEXIBILITY OF JOINTS MAINTAINED AS STATED IN CLAUSE 4.2.28 OF THE WATER SERVICES ASSOCIATION GUIDE. ANY CONCRETE BED AND SURROUND TO PIPE WORK TO BE SULPHATE RESISTING CEMENT.
  - THE PROVISION OF A CCTV SURVEY OF ANY HIGHWAY DRAINAGE, AT THE DEVELOPERS EXPENSE, IS REQUIRED PRIOR TO LAYING THE WEARING COURSE.
  - ALL CONNECTIONS TO HIGHWAY DRAINS MUST BE MADE VIA FACTORY MADE JUNCTIONS.
  - ALL WORKS TO SEWERS/ MANHOLES BEING OFFERED FOR ADOPTION OR ON EXISTING PUBLIC SEWERS SHOULD BE IN ACCORDANCE WITH 'DESIGN AND CONSTRUCTION GUIDANCE' AND THE SEWERAGE UNDERTAKERS RECOMMENDATIONS.

**KEY - PLAN**

- SITE BOUNDARY
- EXISTING HIGHWAY BOUNDARY TO BE CONFIRMED
- S278 EXTENTS
- 125mm X 255mm HB2 100mm UPSTAND
- 150mm X 125mm BN3 25mm UPSTAND
- 50mm X 150mm EDGING K11B FLUSH
- 150mm X 125mm CHANNEL BLOCK FLUSH
- 125mm X 175mm PLASMOBILITY 99 30mm UPSTAND
- TRANSITION KERB
- PEDESTRIAN CROSSING 150mm X 300mm BN 6mm UPSTAND
- TACTILE PAVING (BUFF) 400mm x 400mm x 65mm TACTILE FLAGS
- WHITE LINING LAYOUT

P02	16.11.25	RJ	REVISED TO NEW LAYOUT	RJ	RJ
P01	04.11.25	MS	TENDER DRAWING	RJ	RJ
REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPRD
STATUS DESCRIPTION					STATUS
FOR INFORMATION					S3

**HBL** Craig House, 33 Ballbrook Avenue, Manchester M20 3JD +44 (0)161 432 9977 | www.hbl.ltd Consulting Civil & Structural Engineers

PROJECT		WOOLLEY COLLIERY			
DRAWING TITLE		S38 KERBING AND WHITE LINING PLAN SHEET 1			
CLIENT		MJ GLEESON			
HBL REF.	DATE	SCALE(S)	A1		
10701	04.11.25	1:500			
DRAWN	CHECKED	APPROVED	RJ		
MS	RJ	RJ			
DRAWING No. 10701-HBL-XX-XX-DR-C-5305					REV. P02