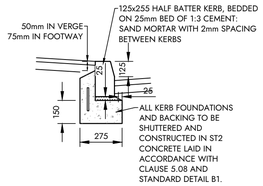
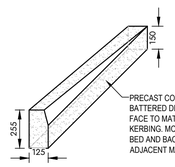


1. CONCRETE BEDDING AND BACKING SHALL BE TYPE ST1 TO CLAUSE 2602 TABLE 26/1
2. KERBS SHALL COMPLY WITH BS EN 1340
3. CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS EN 197-1
4. JOINTS TO KERBS SHALL BE POINTED WITH CLASS (iii) MORTAR TO CLAUSE 2404
5. CUT LENGTHS OF KERB ARE TO BE CUT USING A DISC CUTTER. MIN LENGTH 450mm
6. IN THE CASE OF NEW CARRIAGEWAY CONSTRUCTION, THE SUB-BASE LAYER IS EXTENDED 100mm BEYOND THE BACK OF KERB FOUNDATION THE CONTRACTOR SHALL ALLOW FOR FILLING IN BETWEEN THE ROAD SUB-BASE LAYER AND THE FOOTWAY FORMATION WITH SUB BASE MATERIAL IN THE RATE FOR KERBING
7. REINSTATEMENT OF CARRIAGEWAY CHANNELS WILL BE MEASURED SEPARATELY
8. KERBS LAID IN EXISTING CARRIAGEWAY FORMATION - RATE TO INCLUDE INFILL OF OVERBREAK IN FRONT OF KERB WITH CONCRETE TYPE ST1 TO BINDER COURSE FINISH LEVEL
9. FOUNDATION DETAIL FOR TAPER KERBS WILL BE AS FOUNDATION FOR 125 x 150mm AND 125 x 255mm KERBS.
10. KERB UPSTAND TO BE (i) 0 - 6mm PEDESTRIAN CYCLEWAY CROSSINGS (ii) 25mm VEHICULAR CROSINGS

DROPPED KERB TYPE BN

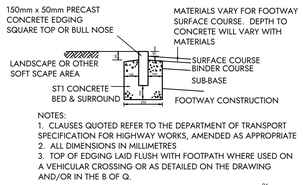


125x255mm HALF BATTERED KERB - TYPE HB2



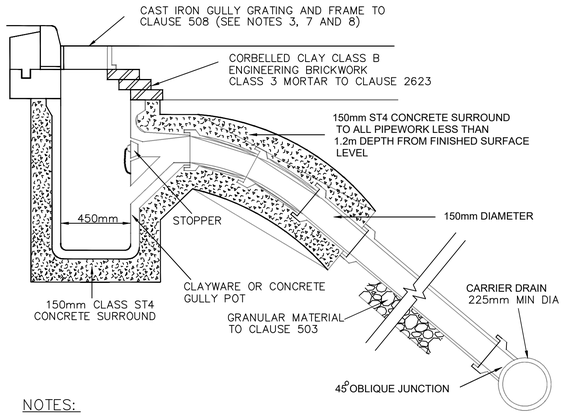
TRANSITION KERB - TYPE TK

ALL PRECAST CONCRETE KERBS, AND EDGINGS SHALL HAVE A DOWEL BAR MADE OF MILD STEEL, 150mm x 10mm PLACED AT 0.6m INTERVALS.



NOTES:
1. CLAUSES QUOTED REFER TO THE DEPARTMENT OF TRANSPORT SPECIFICATION FOR HIGHWAY WORKS, AMENDED AS APPROPRIATE
2. ALL DIMENSIONS IN MILLIMETRES
3. TOP OF EDGING LAID FLUSH WITH FOOTPATH WHERE USED ON A VEHICULAR CROSSING OR AS DETAILED ON THE DRAWING AND/OR IN THE B OF Q.
4. CONCRETE BED AND BACKING TO CLAUSE 2602 TABLE 26
5. FOR FOOTWAY DETAILS SEE STANDARD DETAIL F1 OR F9 AND APPENDIX 11/1.)
6. WHERE CUTTING IS REQUIRED, THIS SHALL BE DONE USING A DISC CUTTER (ALL HEALTH AND SAFETY REGULATIONS TO BE APPLIED
7. MINIMUM LENGTH OF CUT EDGING UNITS SHALL BE 450mm.

EDGING FLAT KERB - TYPE EF 50x150 LAID FLUSH



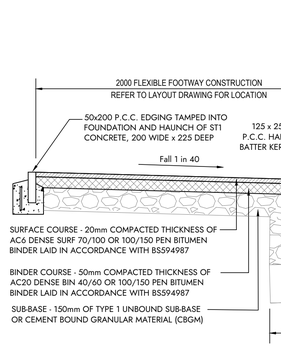
NOTES:

1a) STANDARD GULLY POT OF 90 LITRES CAPACITY (450mm DIAMETER)

b) SMALL GULLY POT TO BE 45 LITRES CAPACITY (375mm DIAMETER) ALL TO CLAUSE 508

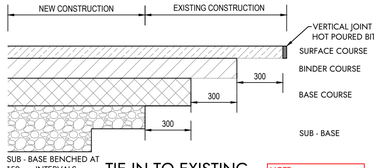
2. MAXIMUM TRENCH WIDTH FOR 150mm GULLY LEAD IS 600mm
3. CLAUSE NUMBERS REFER TO DEPT. OF TRANSPORT SPECIFICATION FOR HIGHWAY WORKS AMENDED AS APPROPRIATE
4. NUMBER OF BENDS MAY VARY DUE TO SITE DIFFERENCES
5. CONCRETE TO COMPLY WITH CLAUSE 2602 TABLE 26/1
6. CONCRETE SURROUND TO PIPES SHALL ALWAYS FINISH AT A JOINT
7. GULLY GRATINGS TO HAVE DIAGONAL BARS AND SHALL BE MANCHESTER CORPORATION PATTERN TO STANDARD DETAIL D17
8. SMALL GULLY POT GRATING AND FRAME TO BE 280 x 250mm MINIMUM SIZE AND WEIGHT AT LEAST 50 Kg

ROAD GULLY



"STANDARD DUTY" FOOTPATH CONSTRUCTION DETAIL

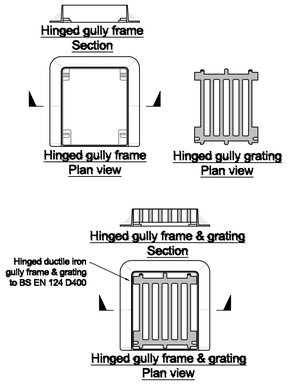
	(*) CBR Values on Formation Layer					
	<2%	2% to <3%	3% to <5%	5% to <10%	10% to <15%	15%+
Capping Layer Thickness	600mm	450mm	350mm	260mm	225mm	200mm



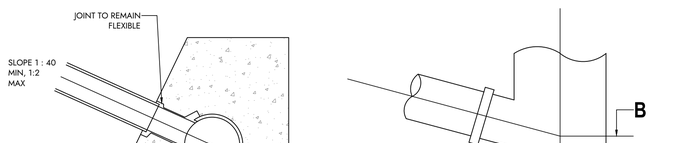
TIE IN TO EXISTING CARRIAGEWAY

NOTE: TIE IN DETAIL TO BE AGREED ON SITE WITH AN ENGINEER FROM MCC

NOTE:
EXTENT AND METHOD OF TIE-IN TO EXISTING CARRIAGEWAY TO BE VERIFIED AND AGREED ON SITE WITH SANDWELL MBC CLERK OF WORKS PRIOR TO ANY CONSTRUCTION ON SITE.

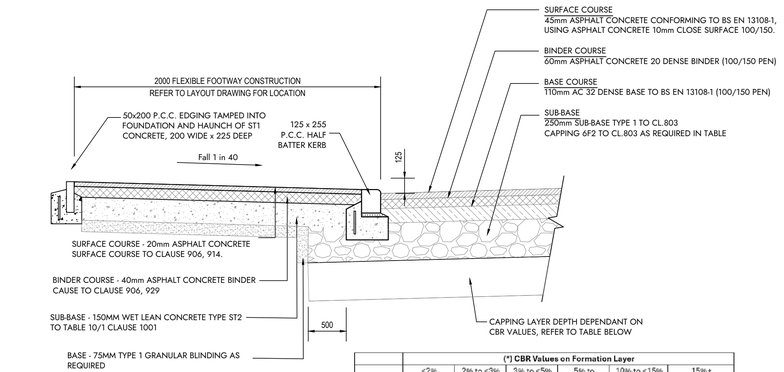


HIGHWAY GULLY COVER DETAIL



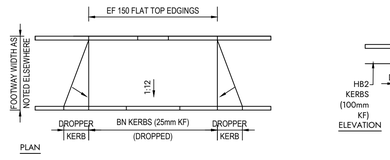
FOR CONNECTIONS TO PIPES LESS THAN 500mm DIA USING A SADDLE

CONNECTION TO SIDE OF SEWER



"VEHICLE CROSSING" FOOTPATH CONSTRUCTION DETAIL

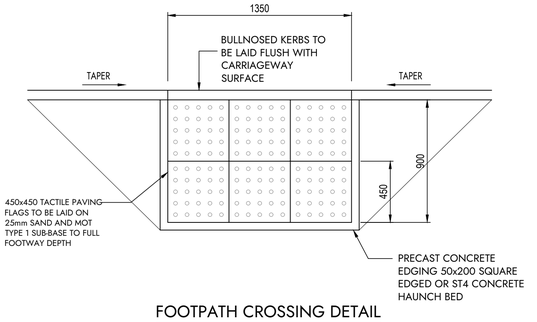
	(*) CBR Values on Formation Layer					
	<2%	2% to <3%	3% to <5%	5% to <10%	10% to <15%	15%+
Capping Layer Thickness	600mm	450mm	350mm	260mm	225mm	200mm



NOTE:
FOOTWAY CAMBER OF 1:40 MUST ONLY BE USED WHERE THERE IS THE POSSIBILITY OF VEHICLES GROUNDING WITH PRIVATE BACKFALL. APPROVAL MUST BE OBTAINED FROM HIGHWAYS ENGINEER. THE 1:40 FOOTWAY CROSSFALL SHOULD MAINTAINED THROUGH THE VEHICULAR CROSSING POINTS AND THE REAR EDGING KERB ADJUSTED ACCORDINGLY.

EXISTING FLAT KERB TO NEW KERB TRANSITIONS TO BE AGREED ON SITE WITH LOCAL HIGHWAY AUTHORITY CLERK OF WORKS

VEHICULAR CROSSING



FOOTPATH CROSSING DETAIL

(REQUIRED BOTH SIDES OF CARRIAGEWAY)

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
3. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. LOCATION AND LEVELS OF EXISTING PUBLIC SEWERS BASED ON WATER AUTHORITY SEWER RECORDS. SEWERS TO BE FULLY SURVEYED, ALL LOCATIONS TO BE CONFIRMED.
5. THIS DRAWING IS FOR STRATEGY PURPOSES ONLY AND IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

Rev	Date	By	Description
P5	18.05.26	SF	VEHICLE CROSSING DETAIL AMENDED
P4	14.05.26	SF	AMENDED PER MCC HIGHWAYS COMMENTS
P3	09.04.26	BW	TYPE HB2 KERB & VEHICLE CROSSING DETL. UPDATED
P2	27.02.26	BW	UPDATED AS PER LATEST HIGHWAYS COMMENTS
P1	07.11.25	BW	FIRST ISSUE

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Client: Irwell Valley Homes

Project: Jurby Avenue, Manchester

Title: S278 Highway Construction Details

Status	Suitability Description	Structural Stage	Date
Preliminary	-	-	07.11.2025
Designed By	Drawn By	Scale @ A1	Project No.
NMc	BW	VARIES	2108

Sheet No.: 2108-SCE-00-00-DR-C-5170

Revision: P5

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