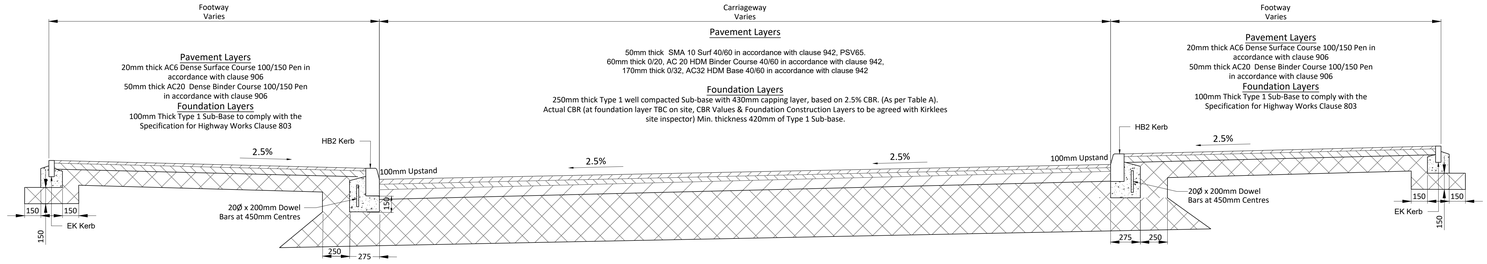
Table A (Type A Road)				
CBR %	Sub-base (mm)		Sub-base & Capping (mm)	
15 <	200*		200*	150
5 - 15	280 - 210	or	200	260 - 160
4	320		220	+ 320
3	370		230	380
2.5	420		250	430
> 2.5	Ground improvement required to improve sub grade CBR			
*Minimum required type 1 Sub-Base depth to achieve 450mm of non-frost susceptible meterial				

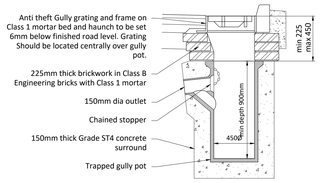
Note:

1. Unless stated otherwise all dimensions are in millimeters
2. For pavement foundation design there are two options:
   (i) Sub Base only
   (ii) Sub Base and Capping
   (iii) See adjacent pavement design for layer thickness.
3. For pavement foundation design the total pavement construction buildup from final design surface to the foundation, is to be 450mm in depth, such that the materials shall not be frost susceptible in accordance with [MCHW Vol 1 Series 801 Clause 7]
4. All made ground to be removed to a depth of 3m.
5. All kerbs to be laid upon 10mm mortar bed.
6. All K1 kerbs require dowel bars
7. For kerb details refer yo Kirklees Standard Details drawing No. HD/SD/11/01A,02A,03A,04A,05A.

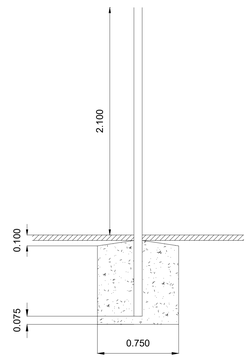


Standard Carriageway Section

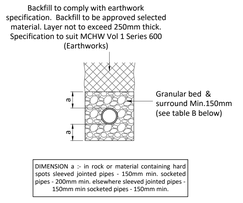
Scale 1:20



Gully Detail



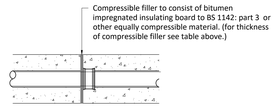
Typical Traffic Sign Details (For further detail reference Kirklees Details)



PIPE NOMINAL BORE (DN)	MAX. PARTICLE SIZE (mm)	CLASS OF BEDDING	SUITABLE IMPORTED GRANULAR MATERIALS
100 dia	10	S	10mm NOMINAL SINGLE-SIZED OR 10mm TO 5mm GRADED.
OVER 100 TO 150 dia	15	S	max 14mm NOMINAL SINGLE-SIZED OR 14mm TO 5mm GRADED.
OVER 150 TO 600dia	20	S	max 20mm NOMINAL SINGLE -SIZED OR 20mm TO 5mm GRADED.
OVER 600	40	S	max 40mm NOMINAL SINGLE-SIZED OR 40mm TO 5mm GRADED.

TABLE B.

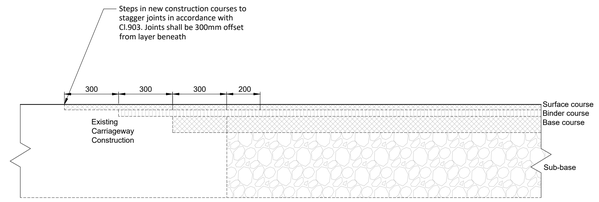
CLASS 'S' PIPE BEDDING DETAIL



MOVEMENT JOINT TO CONCRETE PIPE SURROUND

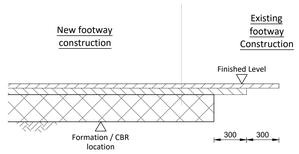
NOMINAL DIA OF PIPE (mm)	THICKNESS OF COMPRESSIBLE FILLER (mm)
LESS THAN 450	18
450-1200	36
EXCEEDING 1200	54

CONCRETE PIPE SURROUND DETAIL CLASS 'Z' BEDDING



Tie in Detail to Edge of Existing Carriageway

Scale 1:20



Footway Tie-in Detail

Scale 1:20

Do Not Scale

Drawing Notes

Residual Hazards

Health, Safety & Environmental Notes

Date	Description	By	Chk	Rev
08.07.26	Updated to suit Kirklees Council comments (Meeting) 24.06.26	AT	RP	P3
19.06.26	Updated to suit Kirklees Council Comments 05.05.26	AT	RP	P2
28.04.26	Initial Issue	AT	RP	P1

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Project
Blackmoorfoot, Huddersfield

Title
S278 Highway Details

Client
Countryside Partnerships

Scale @ A0	Initial author	Initial checker	Approver	Initial Date
1:20	AT	RP	RP	APR 26'

Status	Purpose	Adept Project Number
S2	Preliminary	08.24007

Project-Originator-Functional Breakdown-Spatial Breakdown-Form-Discipline-Number: 08.24007-ACE-00-ZZ-D-C-2397 Rev. P3