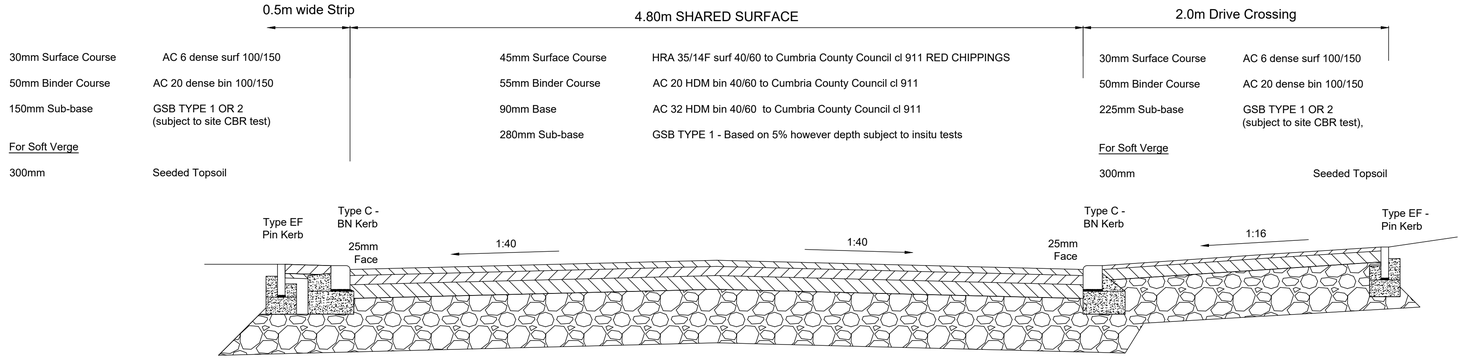
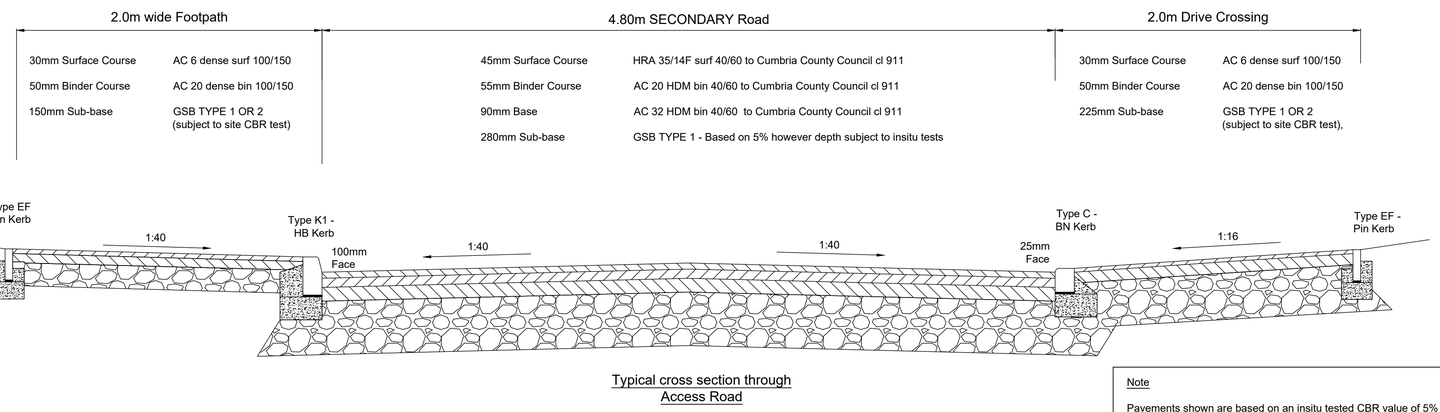
PENDING TECHNICAL APPROVAL FROM UNITED UTILITIES AND CUMBRIA COUNTY COUNCIL



Typical cross section through Access Road



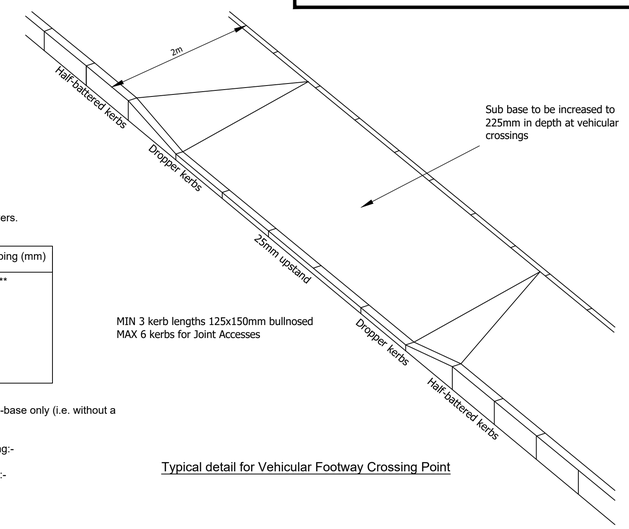
Typical cross section through Access Road

Thickness of sub formation and capping layers.

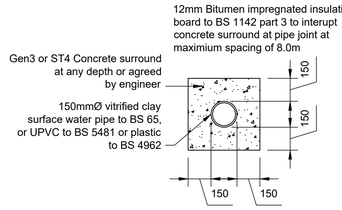
CBR (%)	Sub-base (mm)	Capping (mm)
CBR<=2.0 **	150 **	600 **
2.0<CBR<=2.5	150	450
2.5<CBR<=3.0	150 (350)	400
3.0<CBR<=4.0	150 (350)	350
4.0<CBR<=5.0	150 (300)	300
5.0<CBR<=10.0	(300)	
10.0<CBR<=20.0	(200)	
20.0<CBR	(150)	

Figures in brackets are the thickness of sub-base only (i.e. without a capping layer).

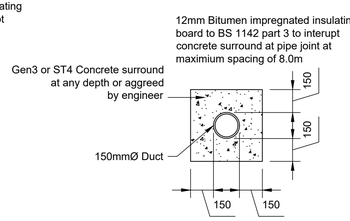
** soft subgrades require one of the following:-
a) Removed and replaced.
Treatments in addition to sub-base/capping:-
b) Lime stabilisation.
c) Approved geotextile layer.



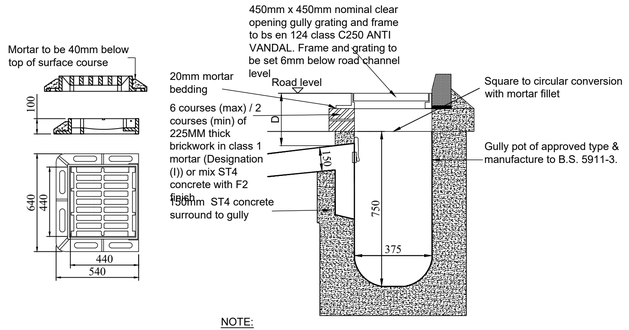
Typical detail for Vehicular Footway Crossing Point



Gully Connection
Scale 1:20



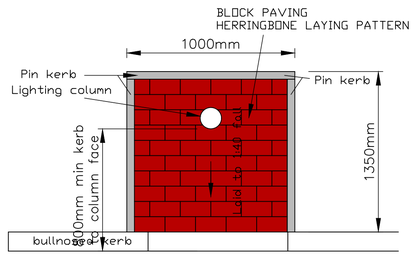
Duct Connection
Scale 1:20



NOTE:

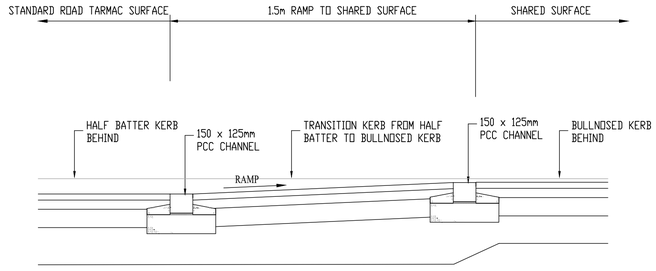
1. Where 'd' is less than 1200mm in road, (900 in grassed area), pipe to be encased in class ST4 concrete adopting flexible joints.
2. Gully pots to comply with bs 5911 part 3 alkathene and salt glazed ware pots may be used on approval.
3. Gully frame and grating to be set 6mm below adjacent surfacing on 20mm mortar.
4. Pipes to be surrounded with 150mm thick designated mix ST4 concrete where cover is less then 1000mm.
5. Backfill to gully connections under roads.
6. Gully pots to be perpendicular to the kerb line.

Road Gully
1:20



PLAN VIEW - STREET LIGHTING BUILD OUTS IN SHARED SURFACES
SCALE 1:20

REFER TO CUMBRIA COUNTY COUNCIL HIGHWAYS DRAWING REF CSD_1320_AM2



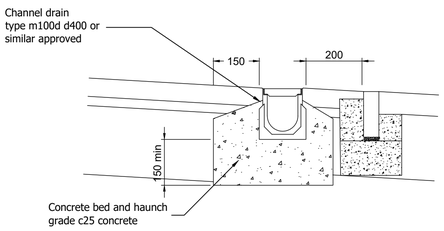
TYPICAL 75mm RAMP TO SHARED SURFACE CONSTRUCTION
SCALE 1:20

Note

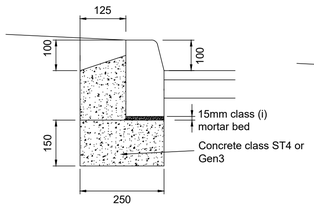
Pavements shown are based on an insitu tested CBR value of 5% or greater.

For CBRs below 5%:

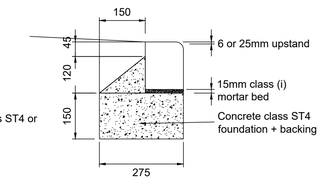
- 2.5% - 5% requires a 300mm Type 6F4/6F5 Capping Layer.
- Less than 2.5% requires a 450mm Type 6F4/6F5 Capping Layer.



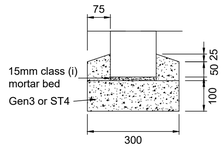
Channel drain detail adjacent to the public footway
1:10



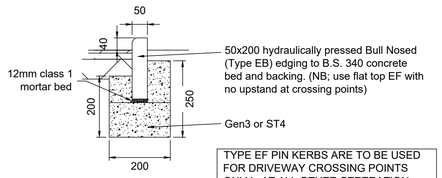
125 x 255 half battered kerb (detail K1)



125 x 150 bullnosed crossing kerb (detail C)

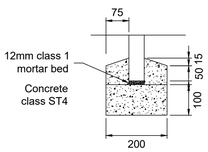


150 x 150 channel block (detail C1)



50 x 200 pin kerb (detail EB)

TYPE EF PIN KERBS ARE TO BE USED FOR DRIVEWAY CROSSING POINTS ONLY. AT ALL OTHER SEPERATION BETWEEN SOFT AND HARD LANDSCAPING, TYPE EB KERB DETAIL SHOULD BE UTILISED.



50 x 150 pin kerb (detail EF)

Issue	Date	Description	By	Chkd	Appd
T3	24/03/20	VEHICULAR CROSSING DETAIL REVISED	PL	RH	RH
T2	20/07/18	UPDATED FOLLOWING CLIENT REVIEW	PL	RH	RH
T1	18/05/18	Tender Issue	PL	RH	RH

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Client
MR R.W. MULHOLLAND

Job Title
FLOSH MEADOWS

Drawing Title
Highway Construction Details

Scale at A1
1:20 Pavements, 1:10 Kerbs

Discipline

Drawing Status
TENDER

Job No	Drawing No	Issue
1842	**41**	**T3**

Do not scale