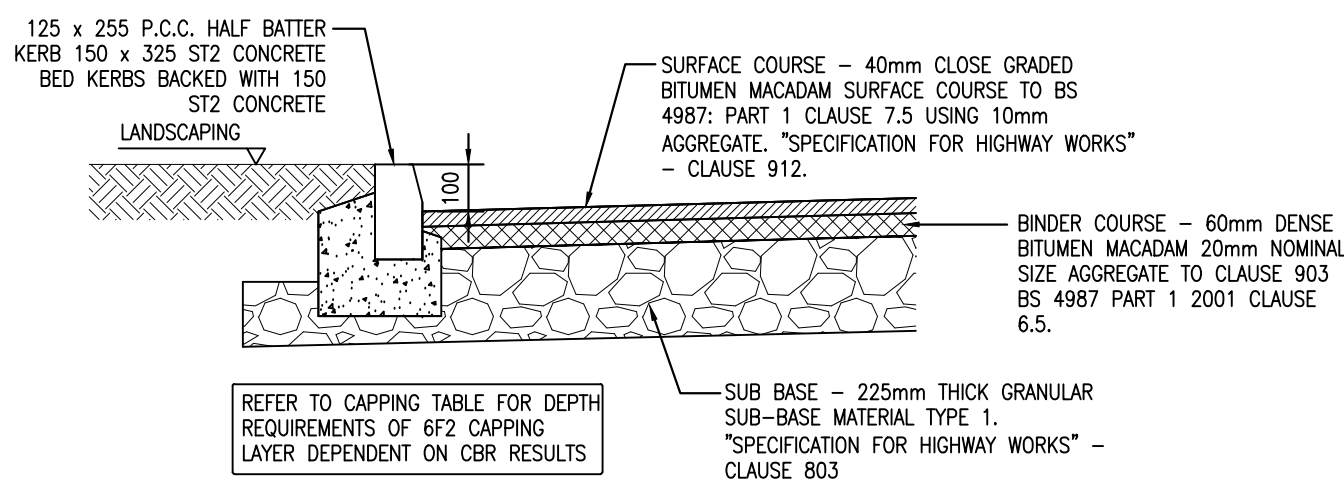
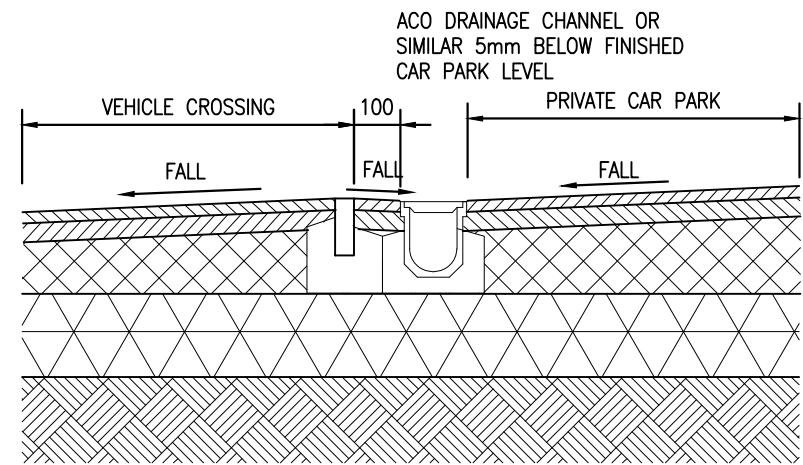


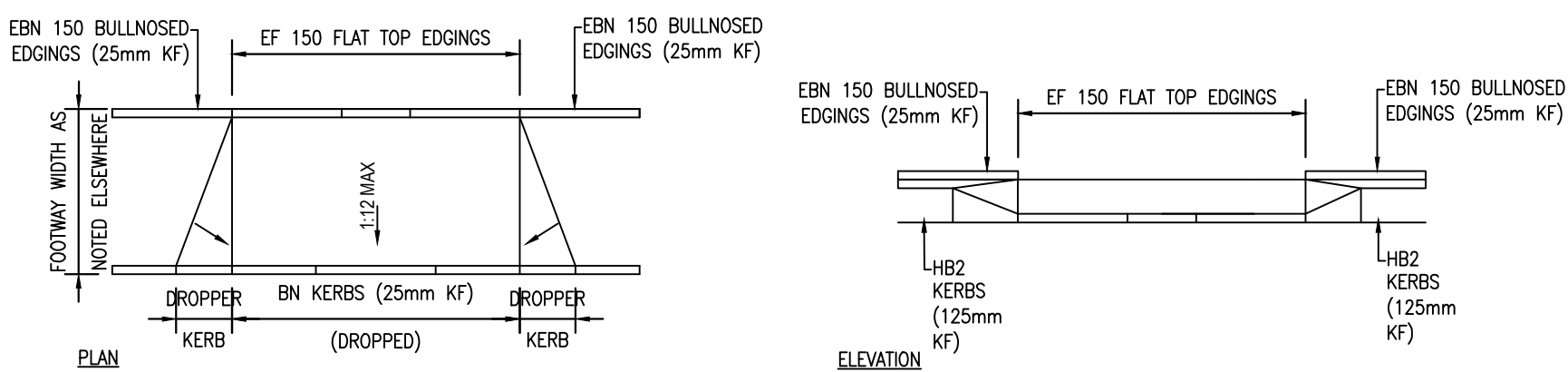
ACCESS ROAD CONSTRUCTION DETAIL
(SCALE 1:20)



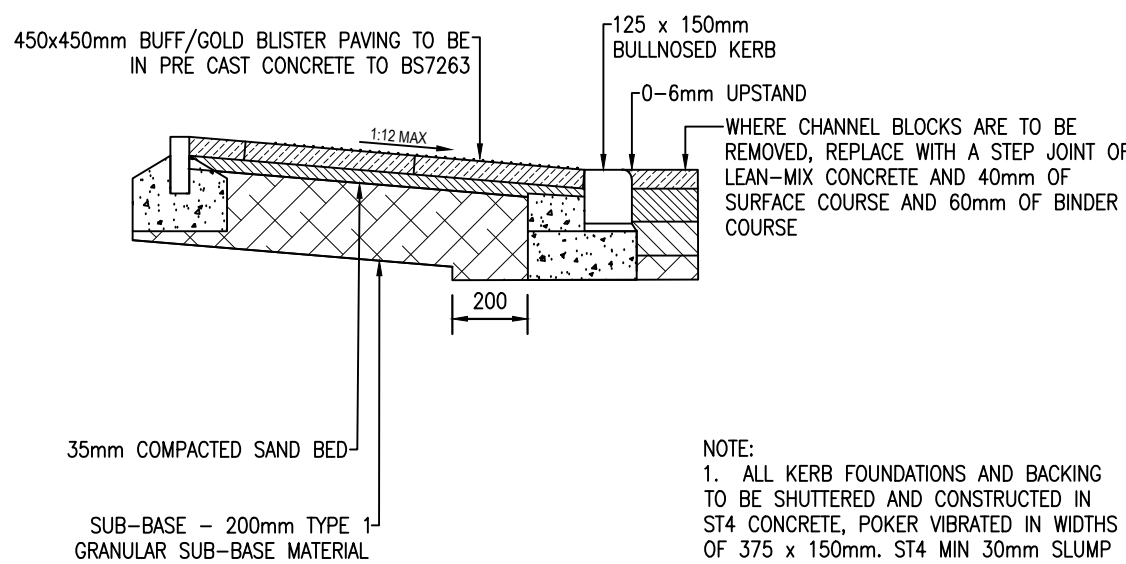
PRIVATE CAR PARK SPECIFICATION
(SCALE 1:20)



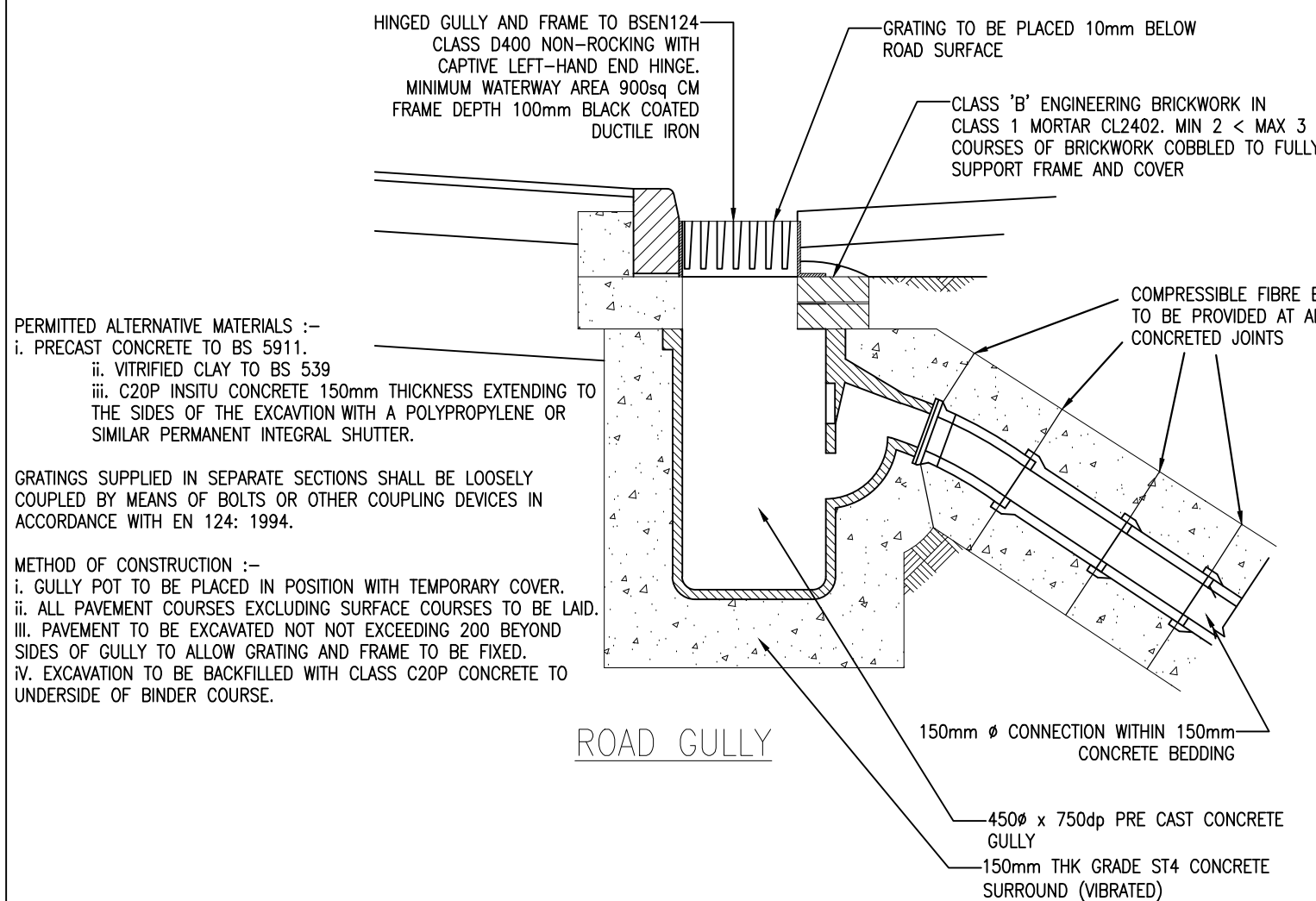
DISHED DRAINAGE CHANNEL TO PRIVATE CAR PARKS



VEHICULAR CROSSING

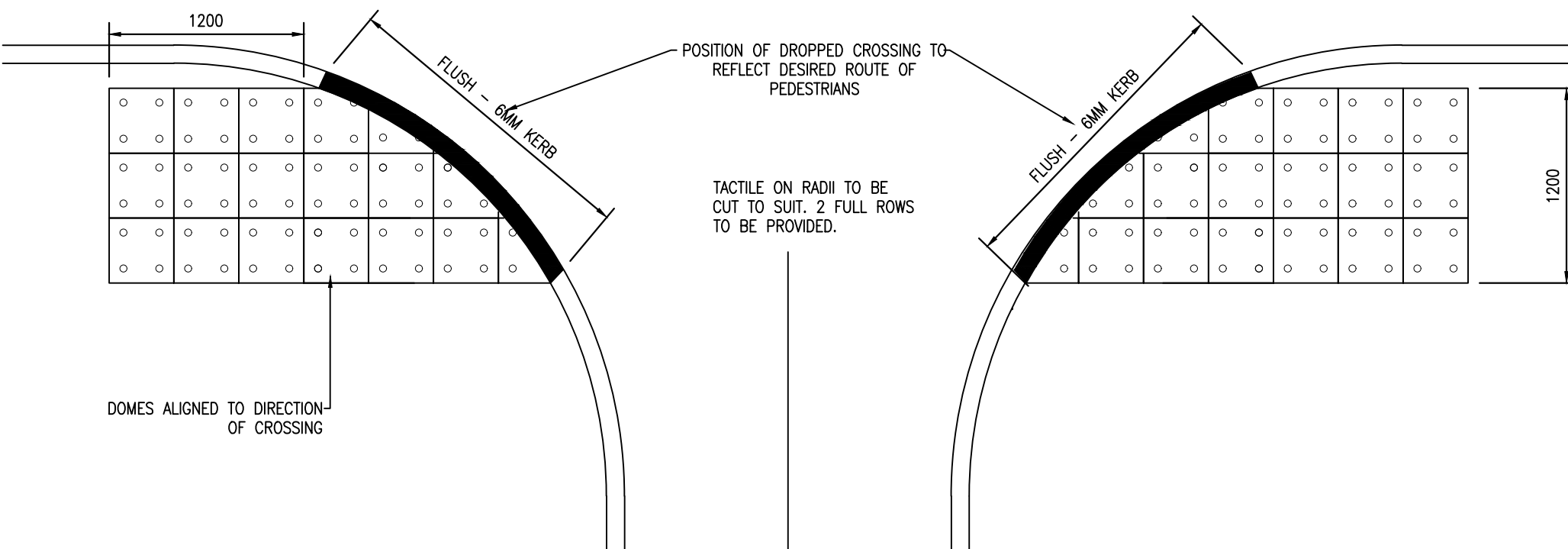


TYPICAL SECTION AT TACTILE PAVING

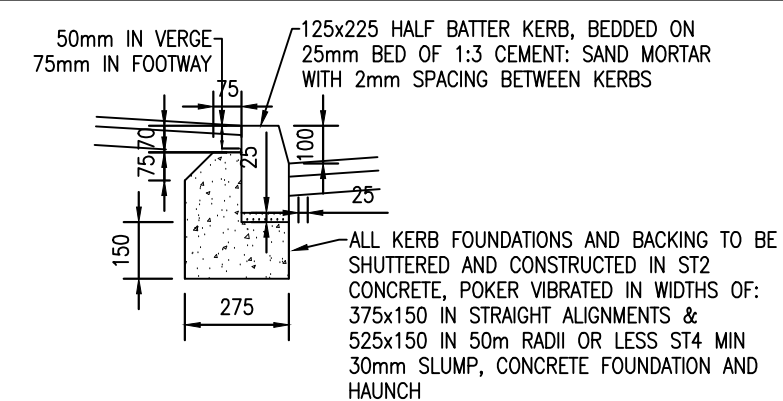


ROAD GULLY

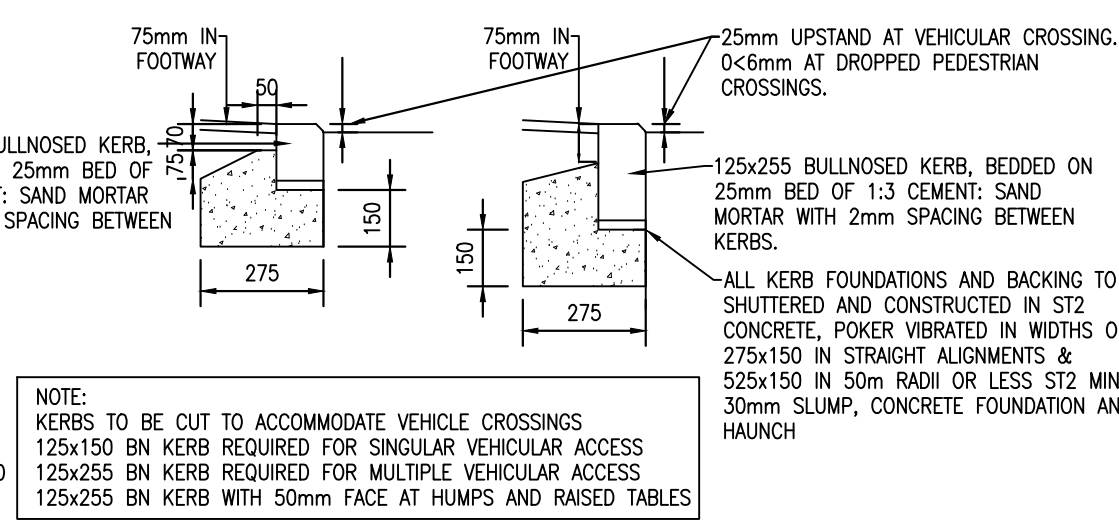
FLUSH 50x150mm EDGING FLAT KERB – TYPE EF



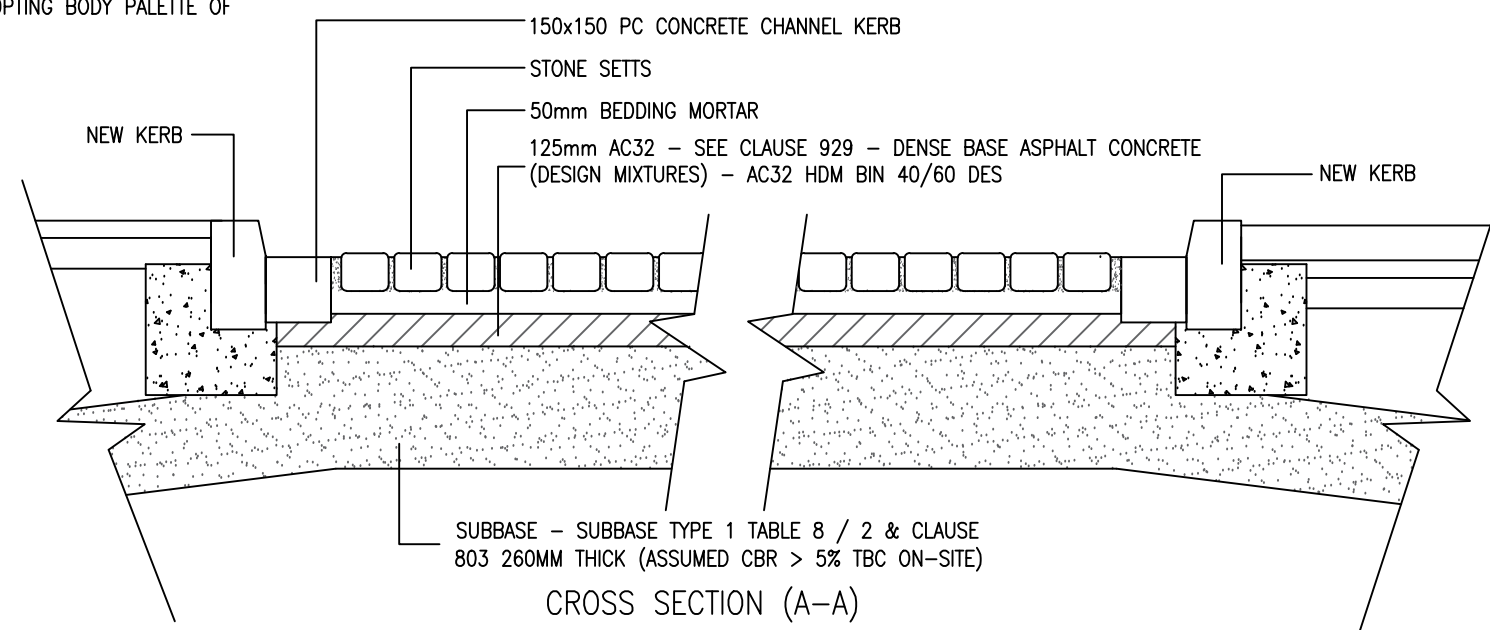
PLAN OF TACTILE PAVING



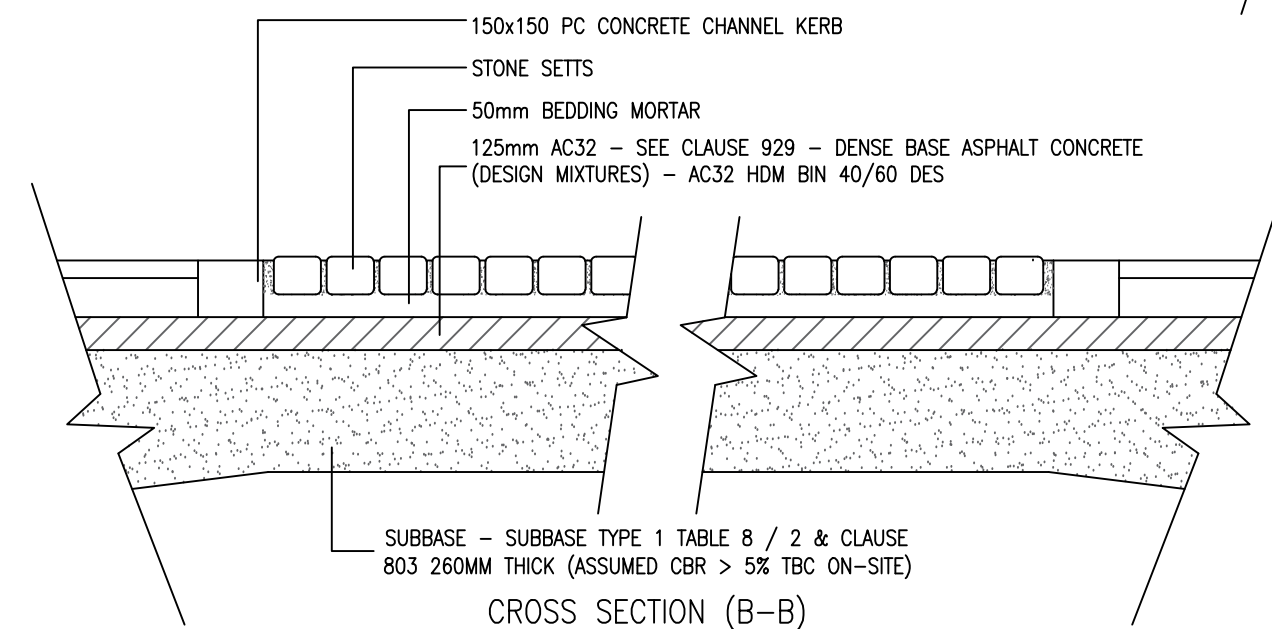
125x255mm HALF BATTERED KERB – TYPE HB2



DROPPED KERB TYPE BN

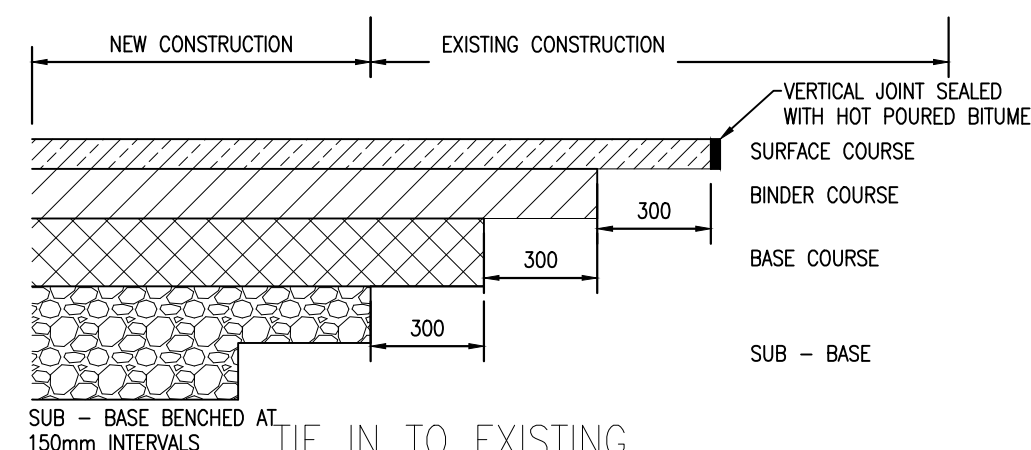


CROSS SECTION (A-A)

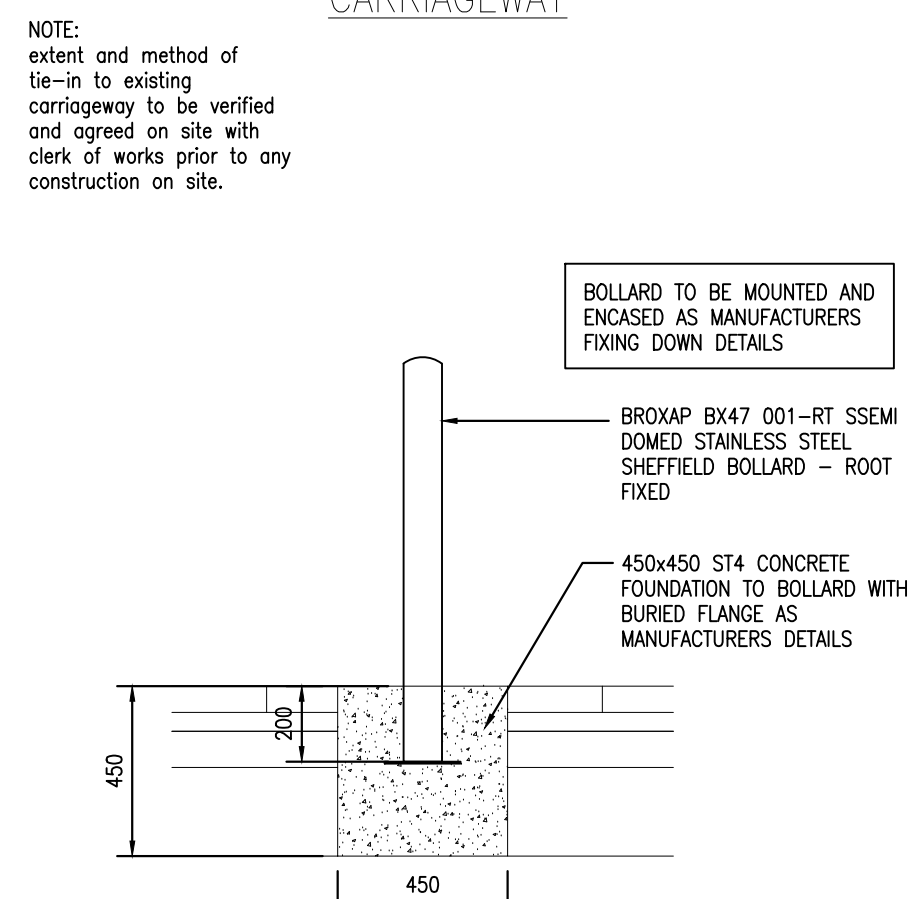


CROSS SECTION (B-B)

TYPICAL RUMBLE STRIP DETAIL



TIE IN TO EXISTING CARRIAGEWAY



PROPOSED ADOPTABLE BOLLARD DETAILS

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
- ALL HIGHWAY WORKS SHALL BE IN ACCORDANCE WITH THE LOCAL COUNCIL'S REQUIREMENTS
- ALL SERVICES STRIPS SHALL BE MAINTAINED FREE OF ALL PLANTING.
- PATHS CROSSING SERVICE STRIPS SHALL BE CONSTRUCTED AS THE FOOTWAY DETAIL.
- FINAL DETAIL OF TIE-IN TO EXISTING ROAD SHALL BE AGREED ON SITE
- NO SERVICES SHOULD BE ALLOWED NEAR THE TACTILE PAVING CROSSINGS, BT BOXES, DUCTING SHOULD BE PUSHED FURTHER BACK AND MORE TRUNKING, ETC SHOULD BE REQUIRED, SO THAT THE TACTILE PAVING CAN BE LAID IN ALL THE APPROVED PLACES
- CAPPING LAYER THICKNESS TO THE LOWEST CBR AS PER ESTATE ROADS SPECIFICATION 2023.

Illustrative size of development	Up to 4 dwellings	Up to 20 dwellings or 2000m² commercial property	Up to 50 dwellings or 5000m² commercial property	-	Large development
Subgrade CBR <2%	Ground improvement will be necessary				
Subgrade CBR 2 to 3% (typically high plasticity heavy clay subgrade)	300 mm	350 mm	400 mm	450 mm	500 mm
Subgrade CBR 3 to 5% (typically medium plasticity clay subgrade)	250 mm	275 mm	325 mm	375 mm	425 mm
Subgrade CBR 5 to 7% (typically low plasticity sandy clay subgrade with average good constructive conditions and low water table assumed – otherwise use row above)	225 mm	225 mm	250 mm	300 mm	350 mm
Subgrade CBR 7 to 14% (typically sandy subgrade)	225 mm	225 mm	225 mm	225 mm	275 mm
Subgrade CBR >15% (typically sandy gravel subgrade)	200 mm	200 mm	200 mm	200 mm	225 mm

IN LINE PEDESTRIAN CROSSING NOTES

- TACTILE PAVING FLAGS TO BE LAID IN ACCORDANCE WITH DETR PUBLICATION, 'GUIDANCE ON THE USE OF TACTILE PAVING SURFACES'
- ANY MAKE UP IN PAVED CONSTRUCTION FOOTWAYS TO BE IN CUT FLAGS SAVED FROM EXISTING FOOTWAY. CONCRETE INFILL ONLY TO BE USED WITH THE INSTRUCTION OF SITE ENGINEER
- CONCRETE INFILL ONLY TO BE USED WITH THE INSTRUCTION OF THE LOCAL AUTHORITY HIGHWAYS INSPECTORS
- DROP CROSSINGS TO ALIGN WITH CROSSING ON THE OPPOSITE SIDE SIDE OF ROAD. BLUSTERS ON TACTILE PAVING MUST ALIGN WITH BLUSTERS ON PAVIORS ON OPPOSITE SIDE OF ROAD
- FOR KERBS ADJACENT A WATER CARRYING CHANNEL UPSTAND SHOULD BE 6mm ABSOLUTE MAXIMUM DESIRABLE 0mm

ADDITIONAL NOTES FOR KERB DETAILS

- KERBS ARE TO BE PRECAST TO BS 7263: 1994.
- TRANSITION KERBS ARE TO BE USED AT ALL CHANGES OF KERB TYPE.
- CONCRETE BED AND HAUNCHING TO BE IN ACCORDANCE WITH SPECIFICATION CLAUSE 2602 (MIX ST4)
- CONCRETE BED IS TO REST ON OR WITHIN SUB-BASE LAYER OR ON ADDITIONAL CONCRETE, MEASURED SEPARATELY TO ALLOW IT TO REST ON SUB-BASE. SUB-BASE IS TO PROTRUDE 500mm FROM FACE OF KERB, BEHIND KERB AND IS TO HAVE A MINIMUM THICKNESS OF 100mm WHERE SUB-BASE IS TO BE DRAINED OR AN APPROVED METHOD OF DRAINAGE PROVIDED. (WITHOUT AN AGREEMENT, ALL EXISTING KERB RACE TO BE EXCAVATED)
- KERBS SHALL BE LAID ON CLASS 1 MORTAR LAID ON BED IN ACCORDANCE WITH CLAUSE 2402 AND HAVING A MINIMUM THICKNESS OF 10mm AND A MAXIMUM THICKNESS OF 40mm. ALL KERBS TO BE LAID ON MORTAR BED AS PER DRAWN KERB DETAILS.
- DOWEL BARS ARE SPECIFIED WHEN SMALL ELEMENT EDGING IS USED. THEY ARE TO BE BEDDED AT 500mm CENTERS.
- IF HALF BATTERED KERBS ARE USED IN CONJUNCTION WITH 'SAFETICURB' TYPE HB2 HALF BATTERED KERBS, KERB FACE IS TO BE REDUCED TO 100mm TO SUIT.

SUBJECT TO S38 AGREEMENT

PROJECT No.	23102024	ISSUED FOR TECHNICAL APPROVAL	RB	RG	MG
REV	DATE	DESCRIPTION	BY	CHK	APP
DRAWING STATUS:					
FOR TECHNICAL APPROVAL					
CLIENT:					
GLEESON HOMES					
ARCHITECT:					
DESIGN BY POD					
PROJECT:					
LAND OFF ULDALE VIEW EGREMONT					
TITLE:					
HIGHWAYS DETAILS					
STATUS:	PROJECT No.	ORIGINATOR	PHASE	LEVEL	TYPE
S2	23127	- GAD -	00 -	00 -	DR - C -
SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE
1:20	RG	RG	MG	MG	SEPT 2023
GADSDEN CONSULTING					
info@gadsdens.co.uk					
01229 813333					
www.gadsdens.co.uk					