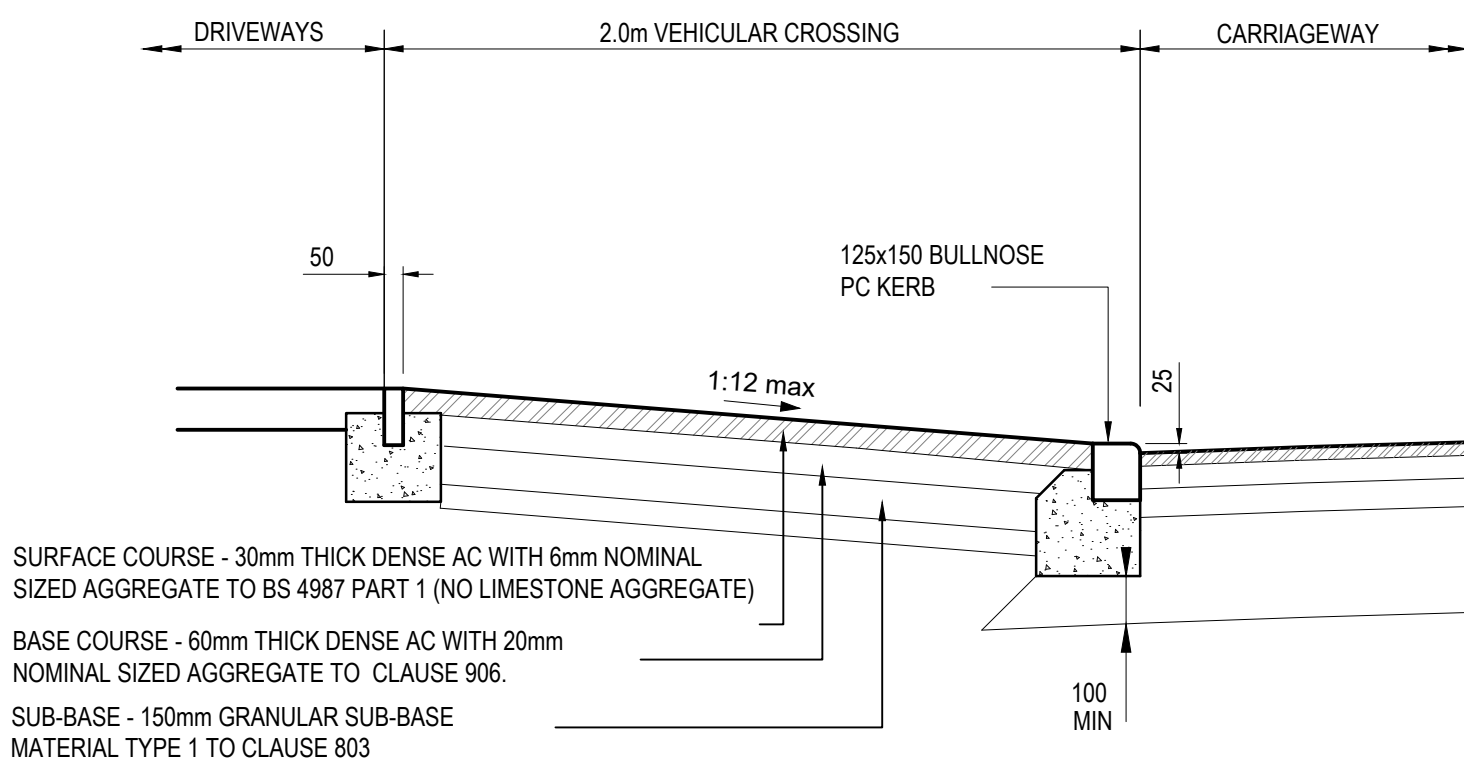
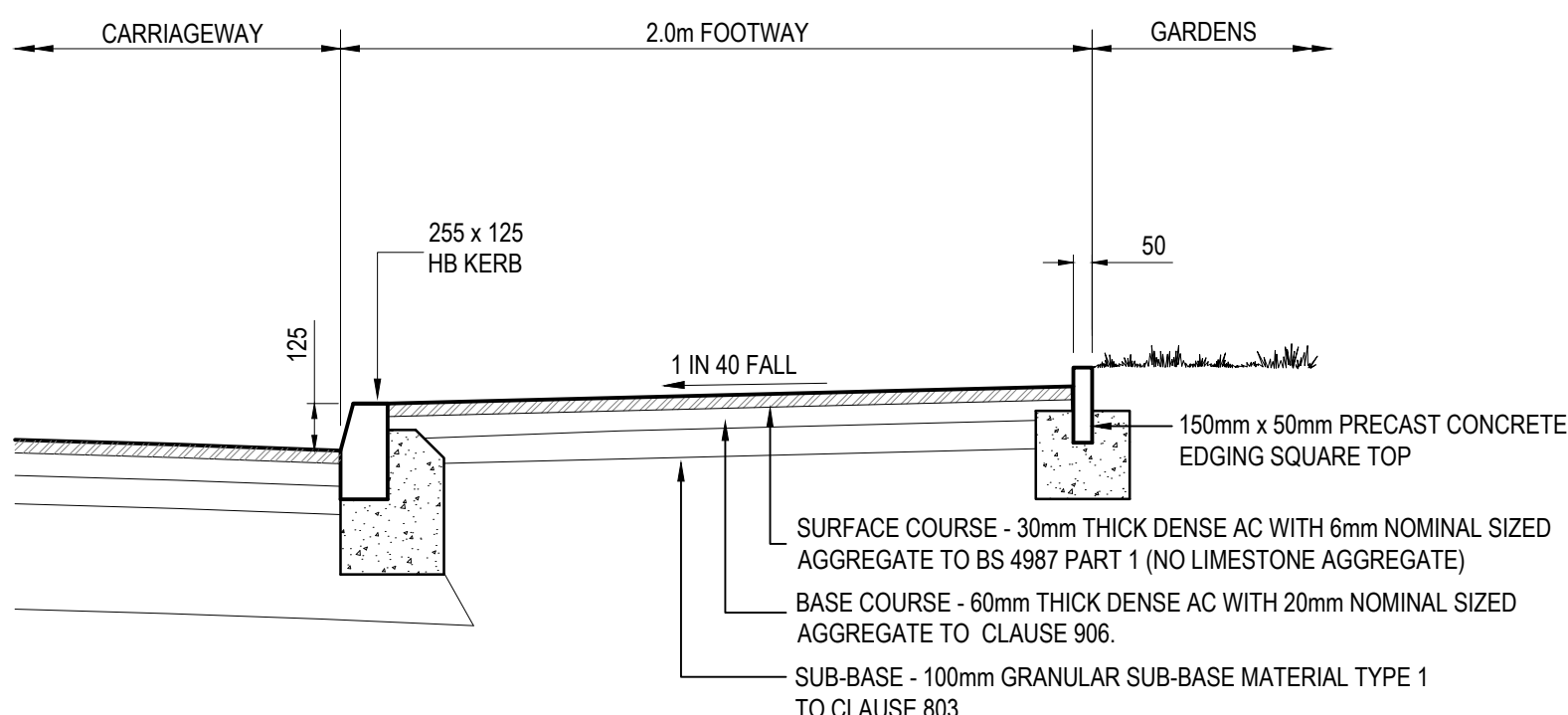
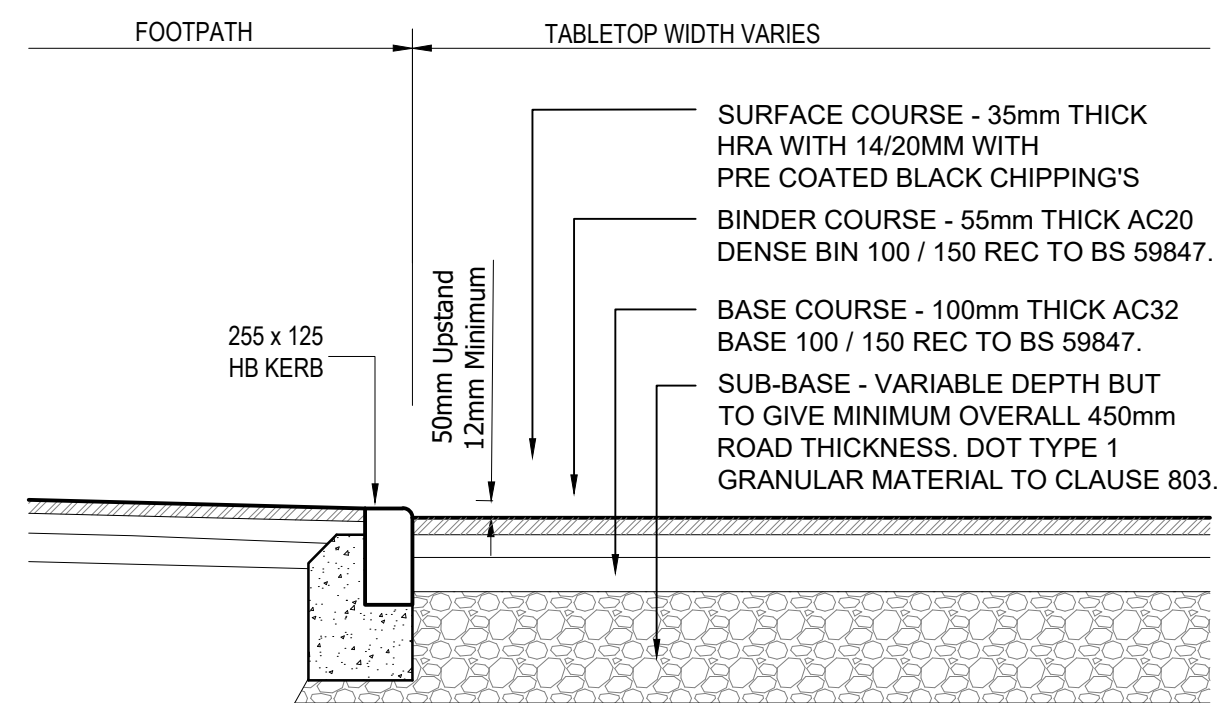




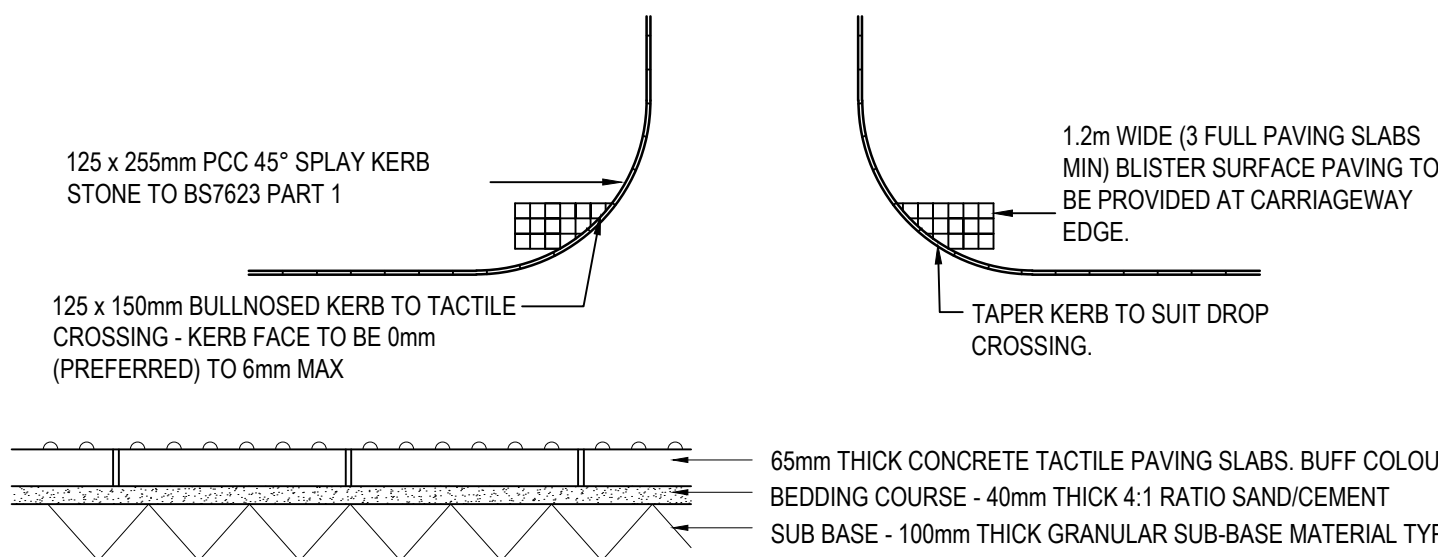
SECTION THROUGH PROPOSED VEHICULAR ACCESS



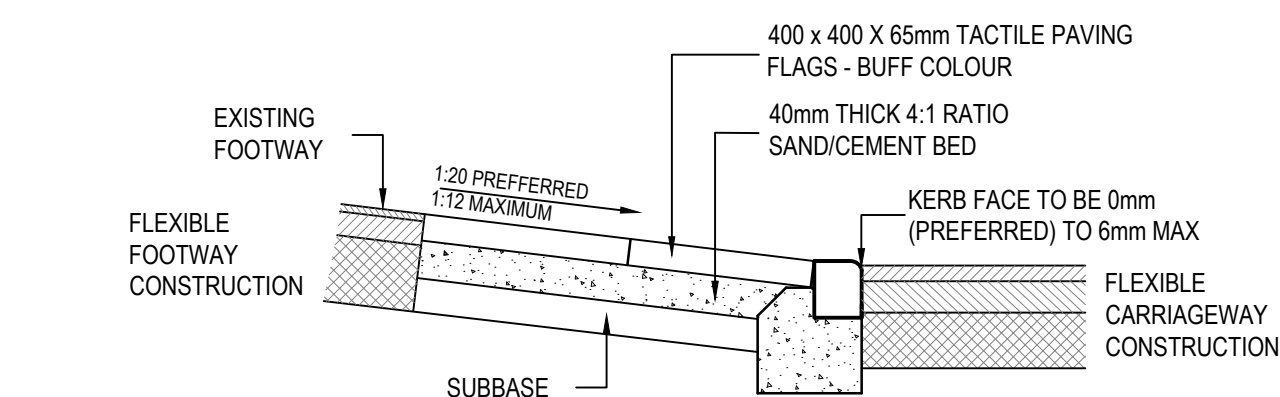
SECTION THROUGH PROPOSED FOOTPATH



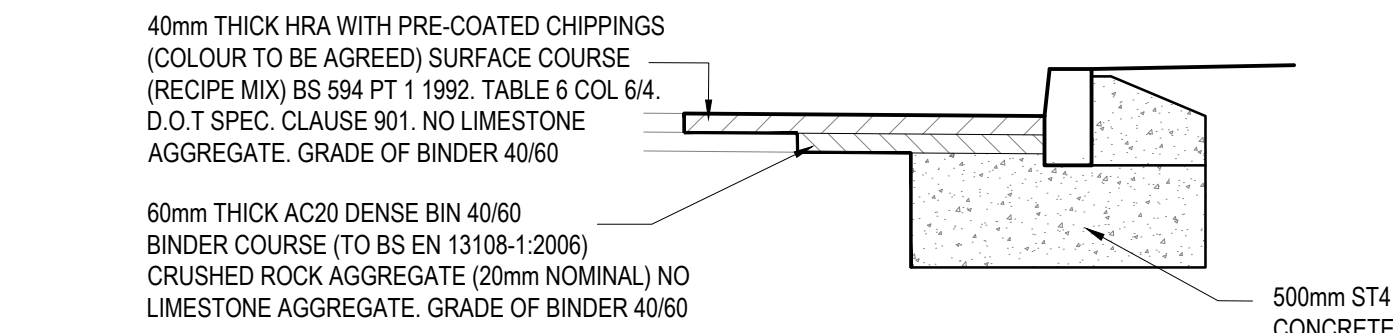
SECTION THROUGH TABLE TOP CONSTRUCTION



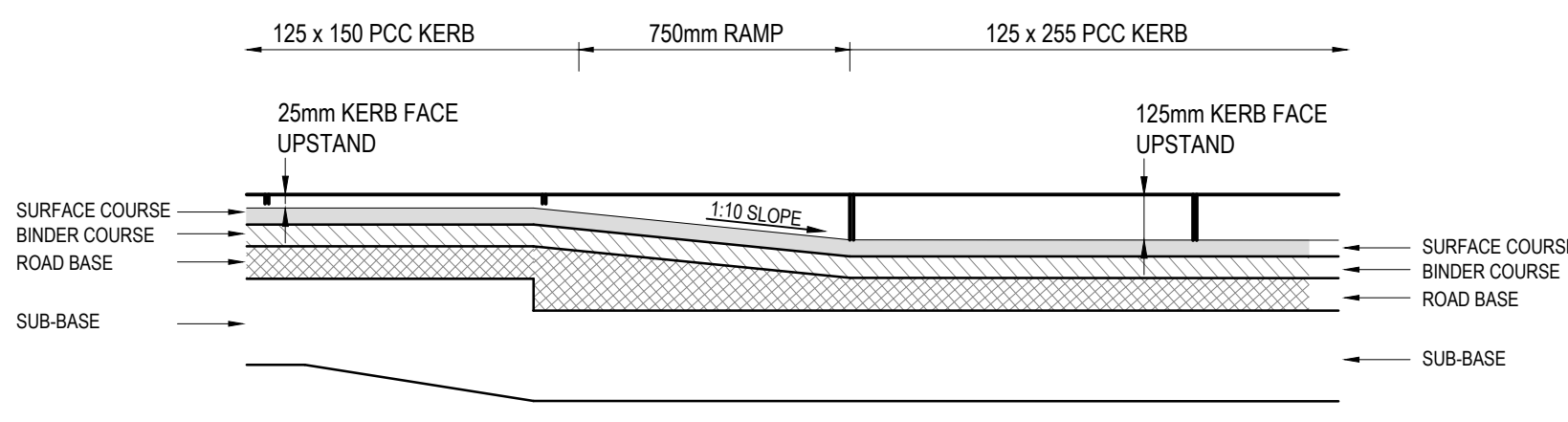
TACTILE PAVING DETAIL



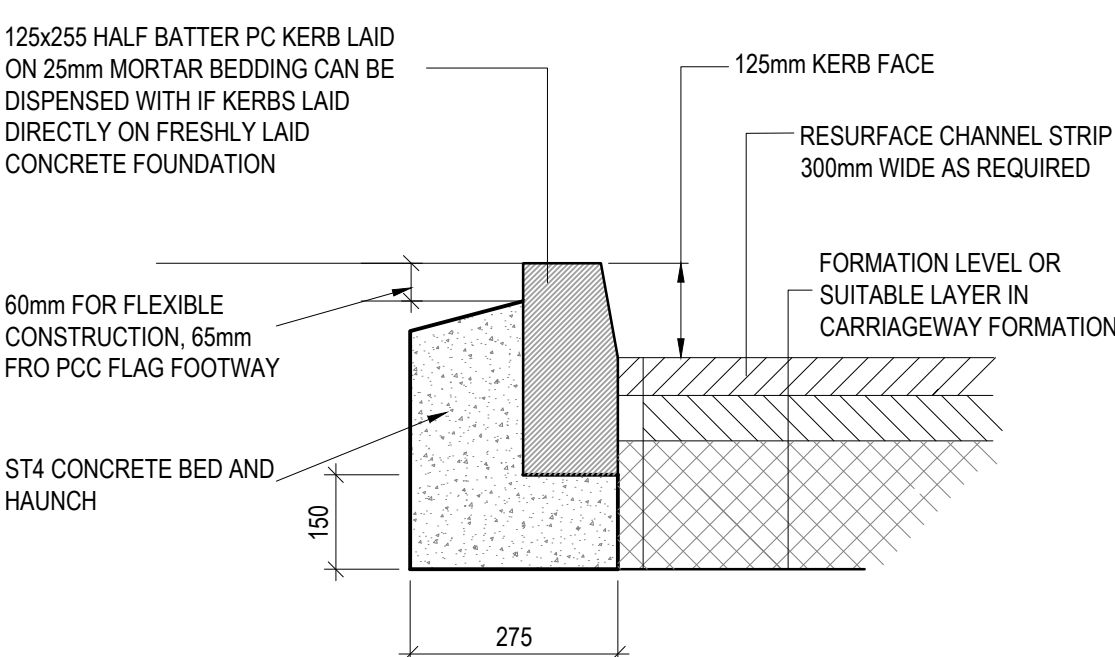
SECTION THROUGH TACTILE PAVING



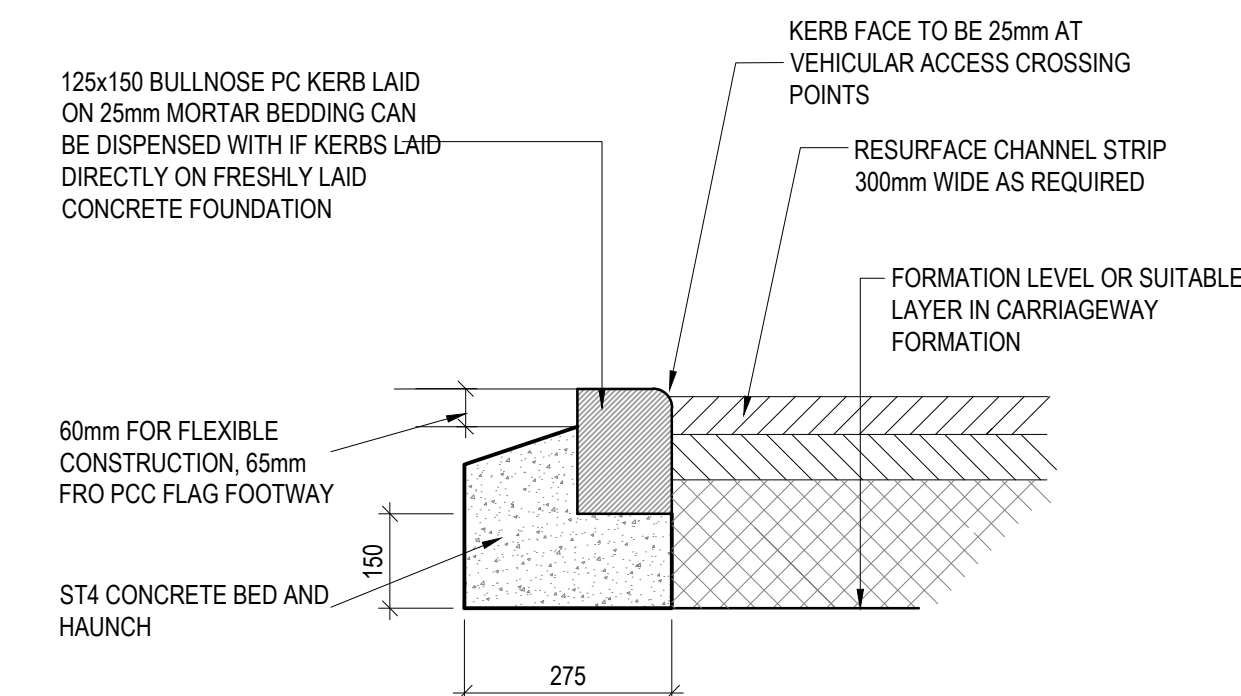
TYPICAL NARROW WIDENING DETAIL
(Areas where new construction is less than 1.5m)



RAMP DETAIL



TYPICAL CARRIAGEWAY KERB DETAIL



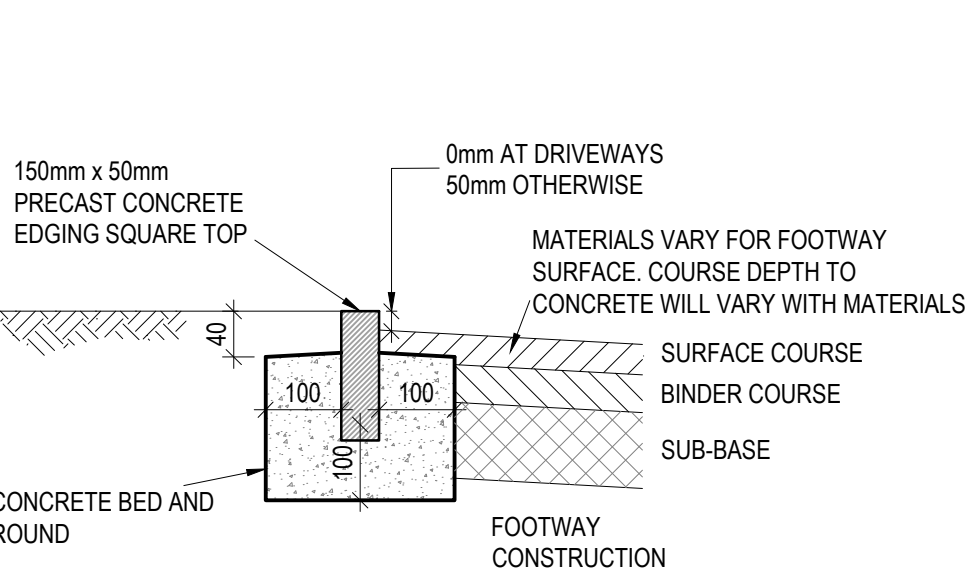
TYPICAL VEHICULAR ACCESS DROP KERB DETAIL

TABLETOP/RAMP NOTES:

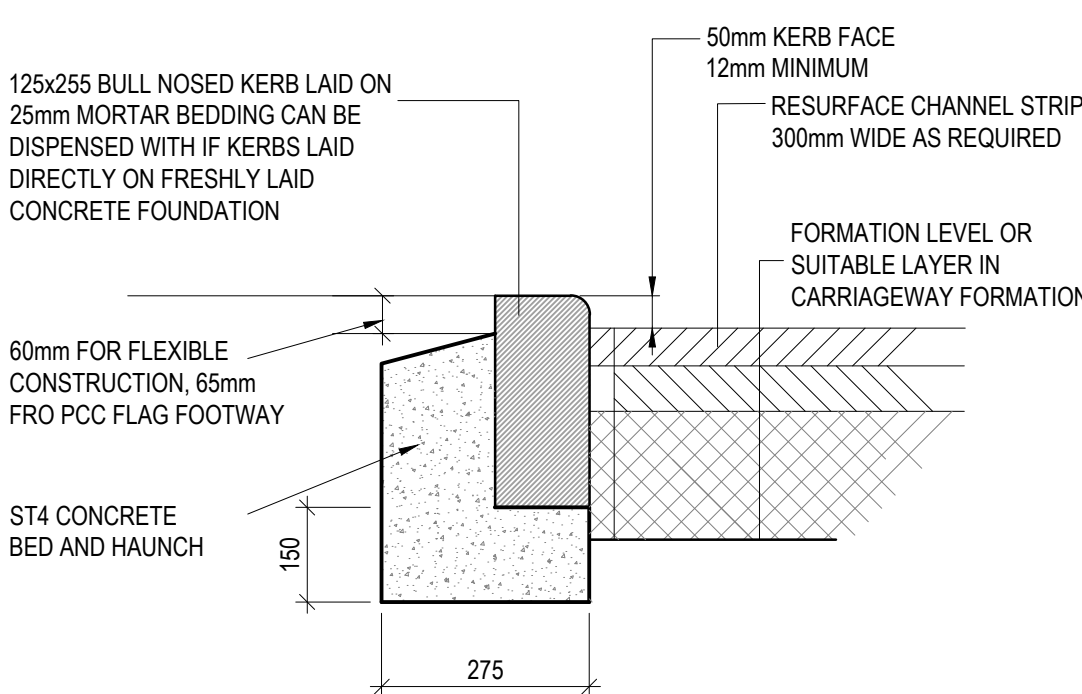
- EXISTING CARRIAGEWAY SURFACE UNDER RAMP TO BE SCARIFIED (35mm)
- ALL DIMENSIONS IN MILLIMETRES
- EXISTING DRAINAGE FALLS TO BE STUDIED AND RESOLVED TO PREVENT NEW HUMP CAUSING STANDING WATER OR SIDES CAN BE TAPERED IF CARRIAGEWAY IS CONSIDERED WIDE ENOUGH.
- CARE MUST BE TAKEN THAT THE RAMP IS NOT ROUNDED OR SHORTENED OR MADE HIGHER DURING LAYING OF SURFACE COURSE/BINDER COURSE MATERIAL
- KERB FACE ON PLATEAU MIN. 12mm WHEN USED AS A VEHICULAR CROSSING MIN. 6mm WHEN USED AS A PEDESTRIAN CROSSING (OTHERWISE 35mm)
- SURFACE COURSE - 35mm HRA, BINDER COURSE 55mm ASPHALT CONCRETE
- FLAT TOP TO BE 750mm MIN
- RAMP TO BE a) 750mm (1:10) NORMAL TRAFFIC
b) 1125mm (1:15) BUS ROUTES
c) 2000mm (1:26) BUS ROUTES AND ABNORMAL LOADS ROUTES

KERB NOTES:

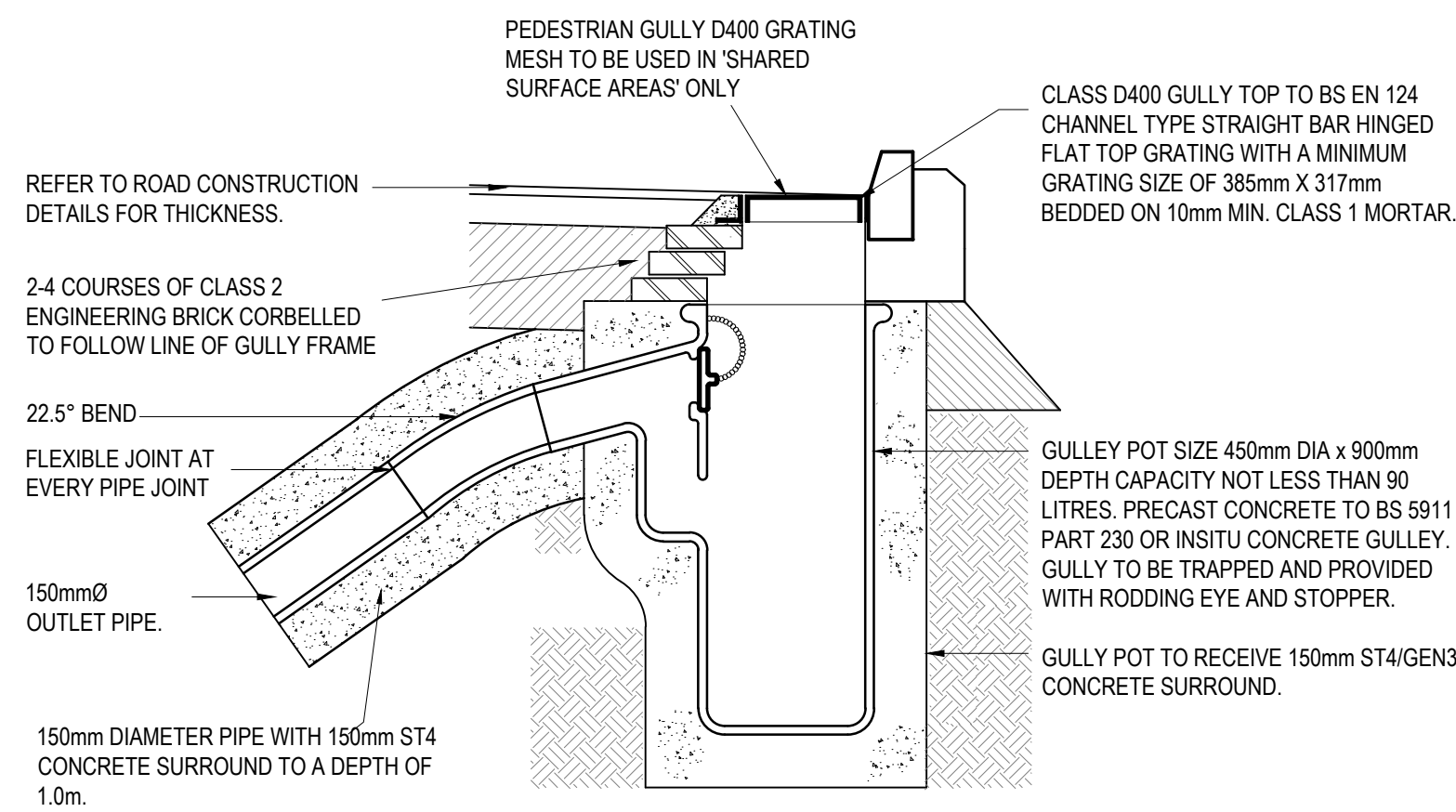
- CONCRETE BEDDING AND BACKING SHALL BE TYPE ST4 TO CLAUSE 2602 TABLE 26/1.
- KERBS SHALL COMPLY WITH BS EN 1340.
- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS EN 197-1.
- JOINTS TO KERBS SHALL BE POINTED WITH CLASS (iii) MORTAR TO CLAUSE 2404.
- CUT LENGTHS OF KERBS ARE TO BE CUT USING A DISC CUTTER MIN. LENGTH 450mm.
- IN THE CASE OF NEW CARRIAGEWAY CONSTRUCTION THE SUB BASE LAYER IS EXTENDED 300mm BEYOND THE BACK OF KERB FOUNDATION THE CONTRACTOR SHALL ALLOW FOR FILLING IN BETWEEN THE ROAD SUB BASE AND THE FOOTWAY FORMATION WITH SUB BASE MATERIAL.
- KERBS LAID IN EXISTING CARRIAGEWAY FORMATION, TO INCLUDE INFILL OF OVERBREAK IN FRONT OF KERB WITH CONCRETE TYPE ST.1 TO BINDER COURSE FINISH LEVEL.



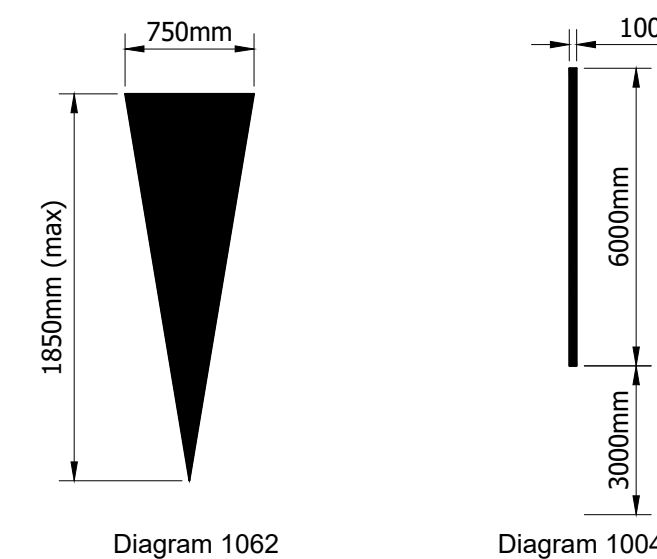
TYPICAL EDGING DETAILS



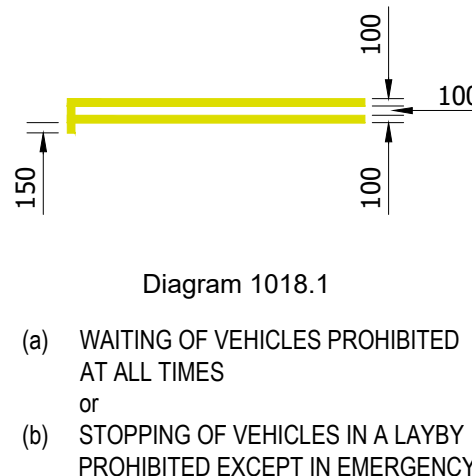
TYPICAL TABLE TOP KERB DETAIL



ROAD GULLY CONNECTION DETAIL



VEHICULAR TRAFFIC SHOULD NOT CROSS OR STRADDLE THE LINE UNLESS IT IS SAFE TO DO SO



CARRIAGEWAY LINING DETAILS

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION (DESIGN and MANAGEMENT) REGULATIONS 2015.

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:- WML DRAWING SERIES 8850, ARCHITECTS and DESIGNERS DRAWINGS AND DETAILS. DO NOT SCALE FROM THIS DRAWING WORK TO FIGURED DIMENSIONS ONLY.

2. CONSTRUCTION DETAILS TO BE IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS.

3. THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING:-
a. ALL OPERATIONS SHOULD BE CARRIED OUT IN ACCORDANCE WITH ALL RELEVANT HEALTH AND SAFETY LEGISLATION.
b. THE LOCAL AUTHORITY AND SERVICE COMPANIES ARE TO BE NOTIFIED PRIOR TO COMMENCEMENT OF WORK ON SITE.
c. PRIOR TO CONSTRUCTION THE ACTUAL POSITIONS AND DEPTHS OF SERVICES LIKELY TO BE AFFECTED BY THE WORKS SHOULD BE ESTABLISHED BY MEANS OF HAND DIG IN CLOSE LIAISON WITH THE SERVICE COMPANIES. THE CONTRACTOR SHALL IMMEDIATELY ADVISE WML OF ANY SERVICES EXPOSED WHICH MAY AFFECT THE DESIGN.
d. THE LOCATION AND DEPTH OF ANY SERVICES/APPARATUS SHOWN IS APPROXIMATE ONLY AND HAS BEEN BASED ON PLANS RECEIVED FROM THE STATUTORY UNDERTAKERS.
e. WML CONSULTING LTD DO NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OF THIS OR ANY OTHER DRAWINGS WHICH INDICATE THE POSITION AND/OR DEPTH OF SERVICES/APPARATUS.
f. THE CONTRACTOR MUST CONTACT THE RELEVANT STATUTORY UNDERTAKERS AND BE IN POSSESSION OF THE LATEST AVAILABLE DRAWINGS FROM THE STATUTORY UNDERTAKERS WHICH SHOWS DETAILS OF THEIR SERVICES/APPARATUS.

4. ALL SEWERAGE WORKS TO BE IN ACCORDANCE WITH THE 'SEWERS FOR ADOPTION' 6th EDITION AND UNITED UTILITIES STANDARD DETAILS.

5. WML's APPOINTMENT IS RESTRICTED TO THE DESIGN OF THE PERMANENT CIVIL/STRUCTURAL WORKS ONLY AND HAVE NO SITE ROLE. THE CONTRACTOR IS THUS ENTIRELY RESPONSIBLE FOR COMPLIANCE WITH THE HEALTH AND SAFETY AT WORK ACT. HE SHALL BE SPECIFICALLY RESPONSIBLE FOR ALL TEMPORARY WORKS AND FOR THE STABILITY OF THE AFFECTED LAND AND STRUCTURES.

RESIDUAL RISK REGISTER -

REFER TO WML CIVIL / STRUCTURAL DESIGN RISK REGISTER IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORKS INDICATED ON THIS DRAWING. NOTE THE FOLLOWING:-

DRAWING TO BE READ IN CONJUNCTION WITH MANCHESTER COUNCIL STANDARD DETAILS: -

STD DETAIL C1 - Typical Section Through Carriageway Construction
STD DETAIL C2 - Notes for Carriageway Construction
STD DETAIL C1 - Flexible Carriageway Construction
STD DETAIL C14 - Flat top Road Hump and Markings
STD DETAIL D12 - Gully Detail
STD DETAIL F1 - Flexible Footway Construction
STD DETAIL F2 - Flexible Footway Construction
STD DETAIL F8 - Block Shoulder to Footway
STD DETAIL F9 - Flag Paved Footway
STD DETAIL F10 - Uncontrolled Pedestrian Crossing
STD DETAIL K1 - New Kerb with 125mm Upstand
STD DETAIL K4 - 125mm x 150mm PC Kerb Utilising old kerb race as foundation
STD DETAIL K5 - Footway edging detail

P05	TACTILE PAVING DETAIL UPDATED	12.01.21	RH	AL
P04	DRAWING UPDATED TO REFLECT MCC COMMENTS	11.01.21	RH	AL
P03	REVISED HIGHWAYS ISSUE - YELLOW LINING ADDED	18.12.20	RH	AL
P02	REVISED HIGHWAYS ISSUE	02.11.20	RH	AL
P01	HIGHWAYS ISSUE	02.07.20	RH	AL
Rev.	Amendment	Date	By	Chkd

Project BLACKROCK STREET MANCHESTER				
ARCH/CLIENT ECO-RES LLP				
Title PROPOSED ADOPTABLE SECTION 278 CONSTRUCTION DETAILS				
WML Job No. 8850G	Drawn RH	Checked AL	Date JULY '20	Scale 1:200 at A1
WML CONSULTING Civil, Structural & Geotechnical Engineers No.6 Oak Green Earl Road Stanley Green Business Park Cheshire SK8 6QL Tel 0161 482 0600 Fax 0161 480 9210 e-mail info@wmlconsulting.com www.wmlconsulting.com				
Drawing No. Project Originator Volume Level Type Role Number Rev 8850G - WML - 00 - XX - DR - C - 0005 P05				