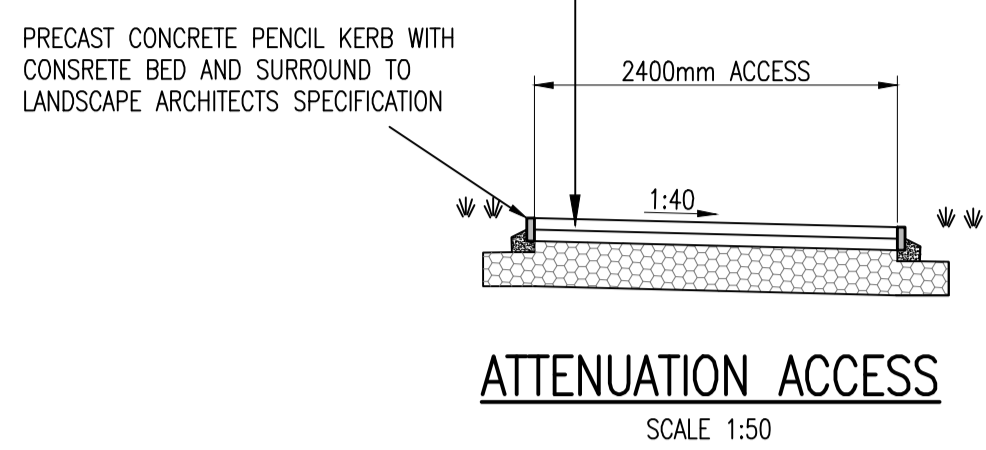


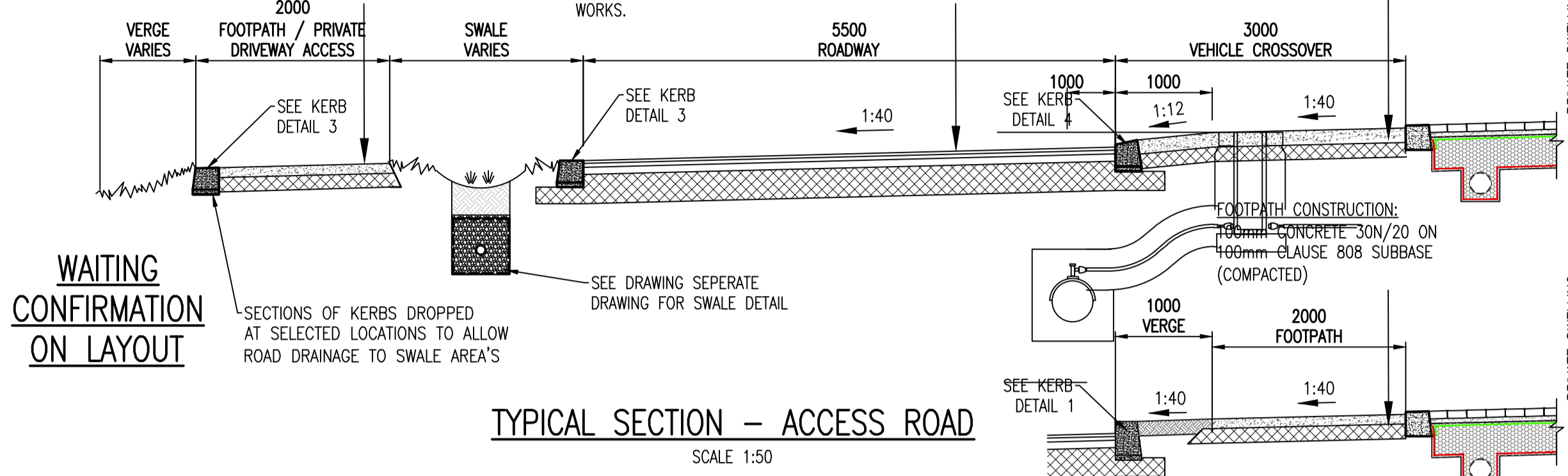
STORM WATER ATTENUATION ACCESS:
 75mm DENSE BITUMEN MACADAM (14mm AGGREGATE) ON
 75mm REGULATING COURSE ON
 MINIMUM OF 300mm - CLAUSE 808 GRANULAR MATERIAL NOTE: THE
 DEPTH OF THIS SUB-BASE IS DEPENDENT UPON THE CBR OF THE
 FORMATION. SEE TABLE 1.
 MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID
 IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD
 WORKS.



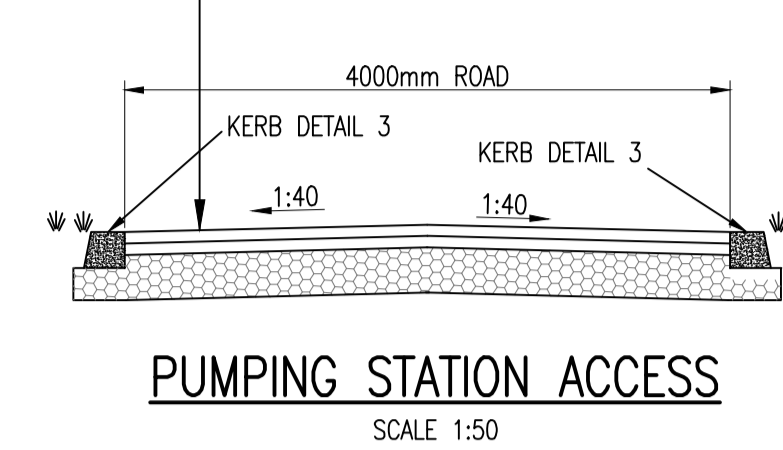
FOOTPATH CONSTRUCTION:
 100mm CONCRETE
 30N/20 ON
 100mm CLAUSE 808
 SUBBASE (COMPACTED)
 NOTE: TO BE INCREASED
 TO 150mm CONCRETE ON
 150mm CLAUSE 808 AT
 VEHICLE CROSSOVERS

ROAD CONSTRUCTION:
 30mm CLOSED GRADED ASPHALT CONCRETE SURFACE COURSE TO CLAUSE
 912 ON
 40mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 ON
 80mm ASPHALT CONCRETE BASE COURSE TO CLAUSE 906 ON
 MINIMUM OF 300mm - CLAUSE 808 GRANULAR MATERIAL NOTE: THE
 DEPTH OF THIS SUB-BASE IS DEPENDENT UPON THE CBR OF THE
 FORMATION. SEE TABLE 1.
 PROVIDE GEOGRID TG3030S
 MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID
 IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD
 WORKS.

CROSSOVER CONSTRUCTION:
 150mm CONCRETE 30N/20
 150mm CLAUSE 808 AT

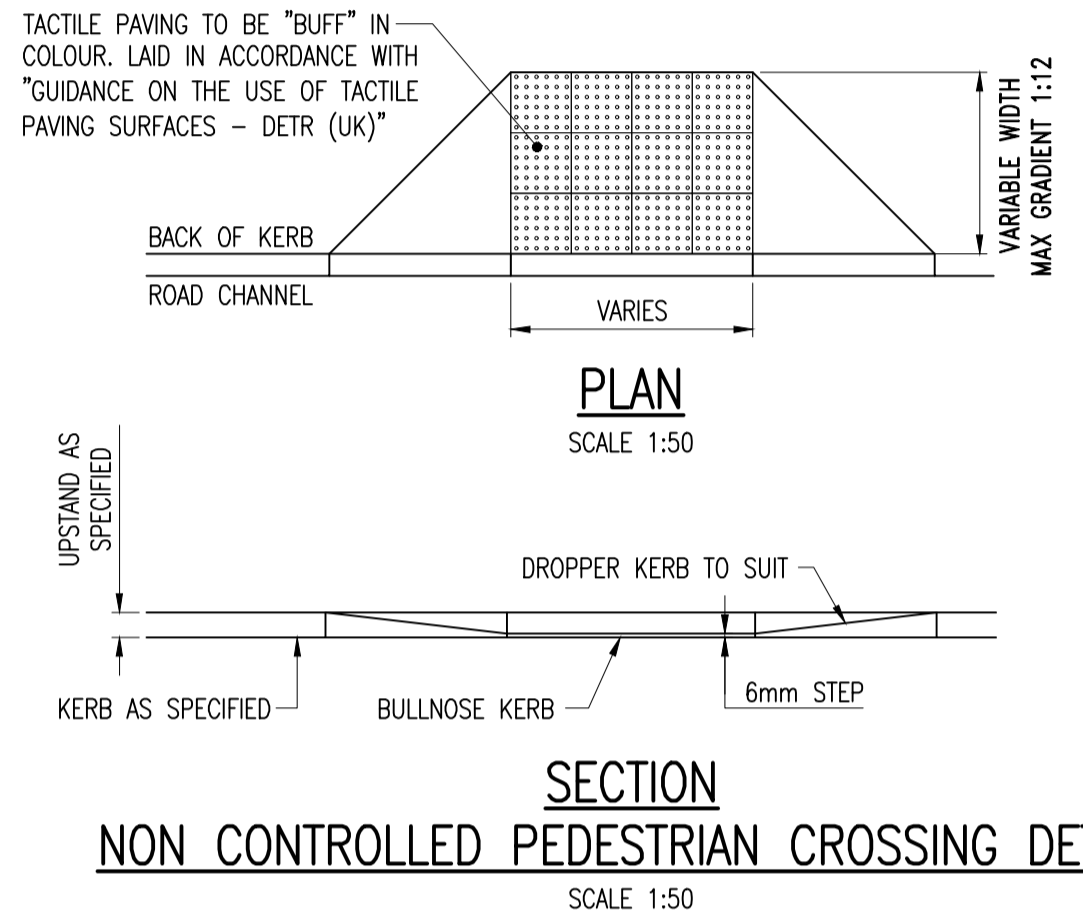
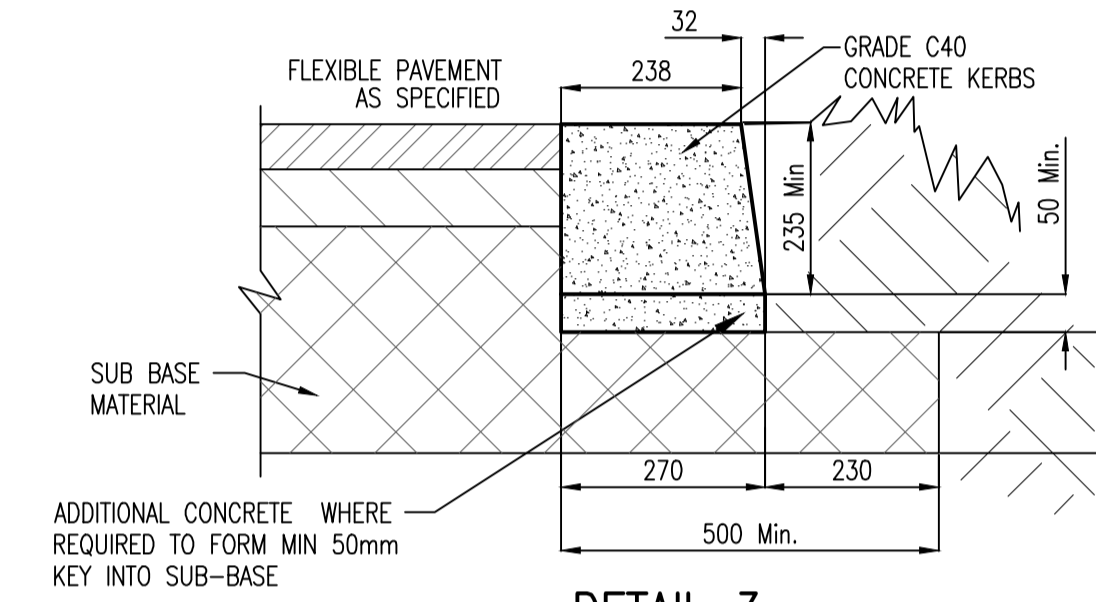


FOUL PUMPING STATION:
 75mm DENSE BITUMEN MACADAM (14mm AGGREGATE) ON
 75mm REGULATING COURSE ON
 MINIMUM OF 300mm - CLAUSE 808 GRANULAR MATERIAL NOTE: THE
 DEPTH OF THIS SUB-BASE IS DEPENDENT UPON THE CBR OF THE
 FORMATION. SEE TABLE 1.
 MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID
 IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD
 WORKS.

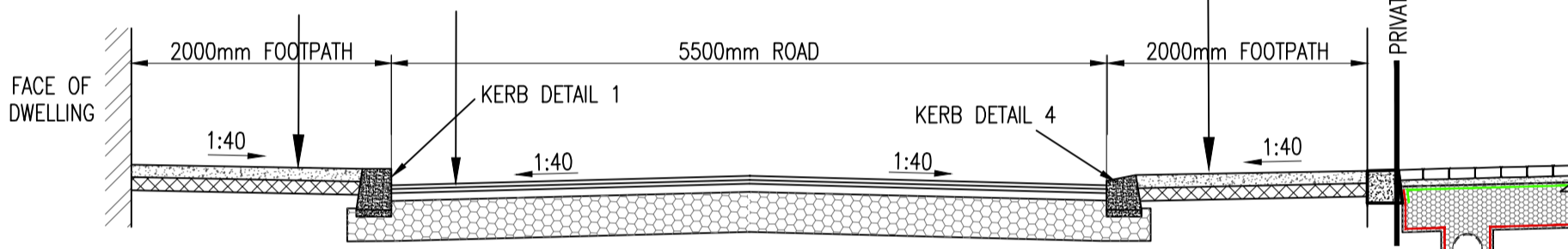


KERB NOTES:

- U3 CONCRETE FINISH
 INSITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF
 BS 5931 AND SHALL BE PROTECTED FROM ADVERSE WEATHER UNTIL
- EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN
 ROADS AND FOOTWAYS

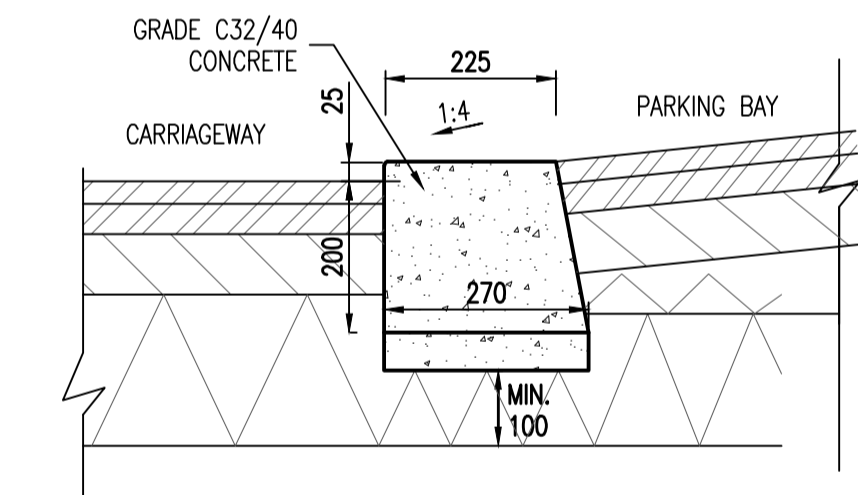
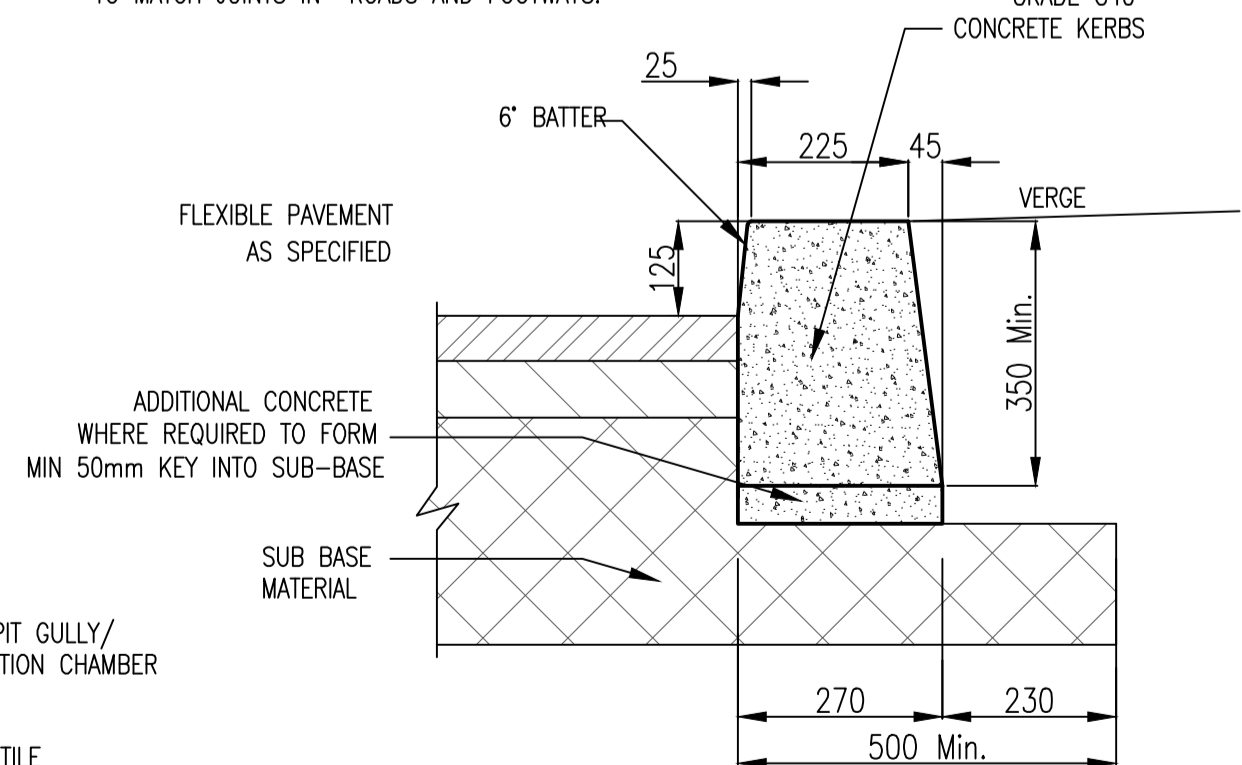


ROAD CONSTRUCTION:
 30mm CLOSED GRADED ASPHALT CONCRETE SURFACE COURSE TO CLAUSE
 912 ON
 40mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 ON
 80mm ASPHALT CONCRETE BASE COURSE TO CLAUSE 906 ON
 MINIMUM OF 300mm - CLAUSE 808 GRANULAR MATERIAL NOTE: THE
 DEPTH OF THIS SUB-BASE IS DEPENDENT UPON THE CBR OF THE
 FORMATION. SEE TABLE 1.
 PROVIDE GEOGRID TG3030S
 MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID
 IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD
 WORKS.

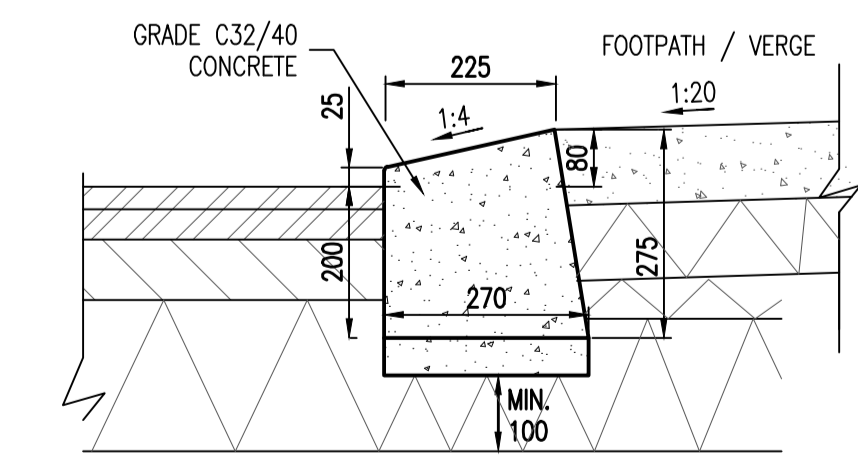


C.B.R. SUB-GRADE (%)	BELOW 2	2	3	4 OR MORE
SUB BASE (NO CAPPING LAYER)				
SUB-BASE THICKNESS (mm)	625	475	350	300
SUB BASE + CAPPING LAYER COMPRISING				
SUB-BASE THICKNESS (mm)	150		150	
CAPPING LAYER THICKNESS (mm)	600		350	

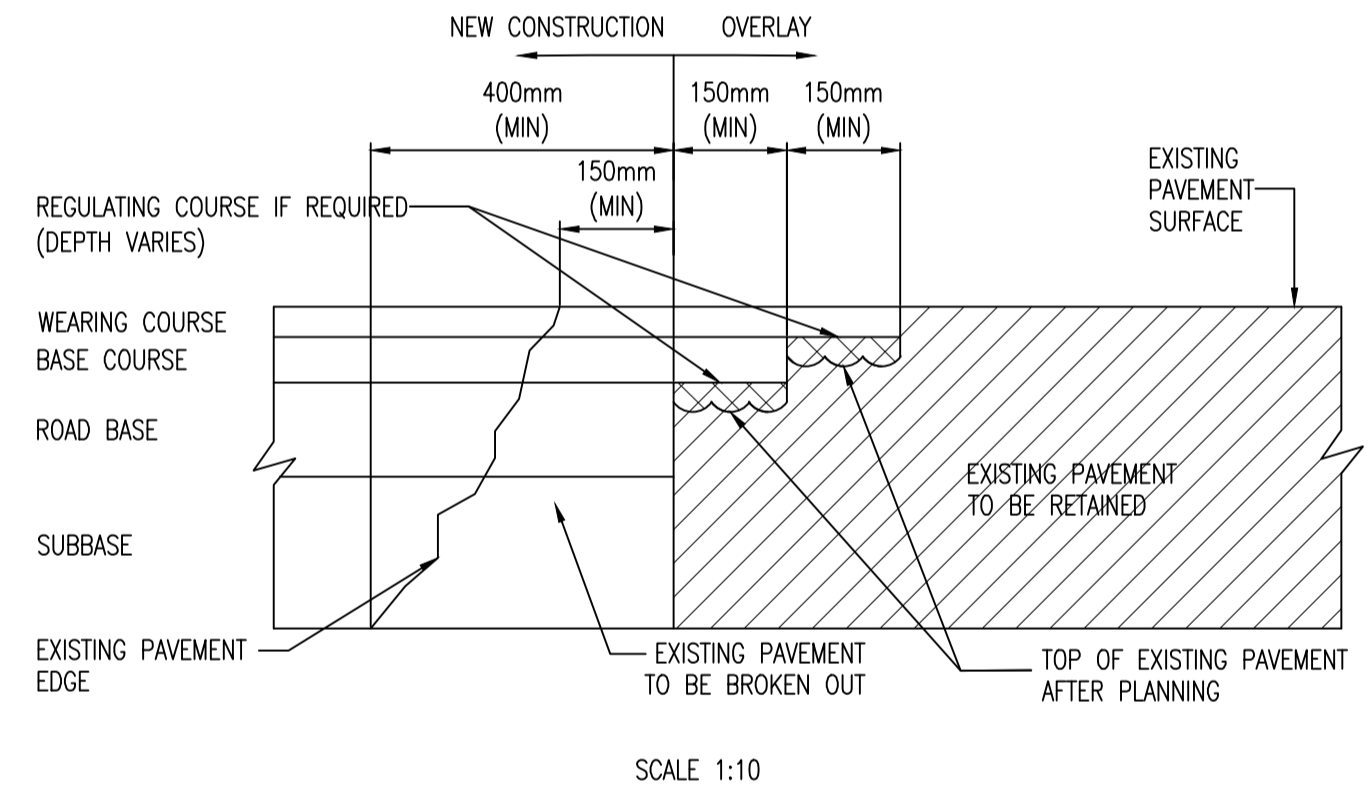
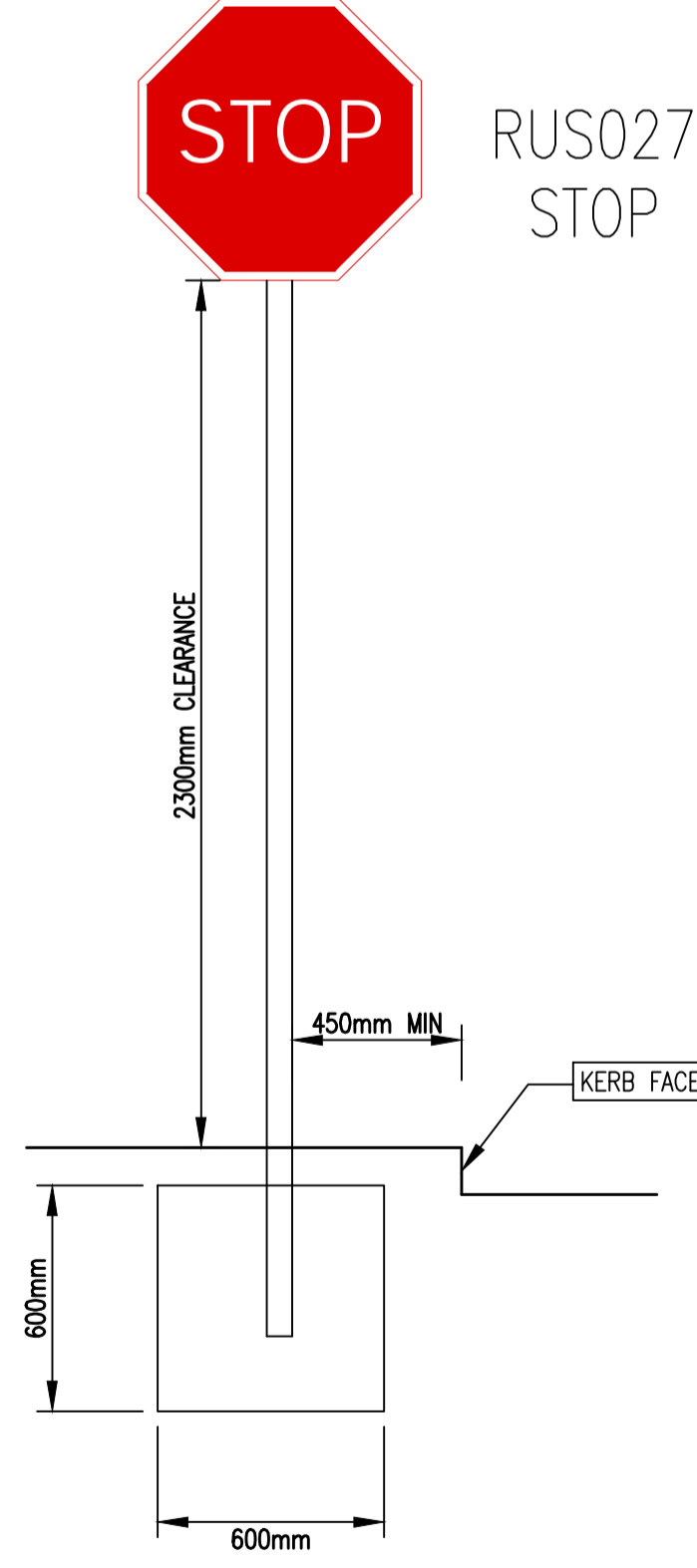
- NOTE:**
- U3 CONCRETE FINISH.
 - INSITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF BS 5931 AND SHALL BE PROTECTED FROM ADVERSE WEATHER UNTIL CURED.
 - EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN ROADS AND FOOTWAYS.



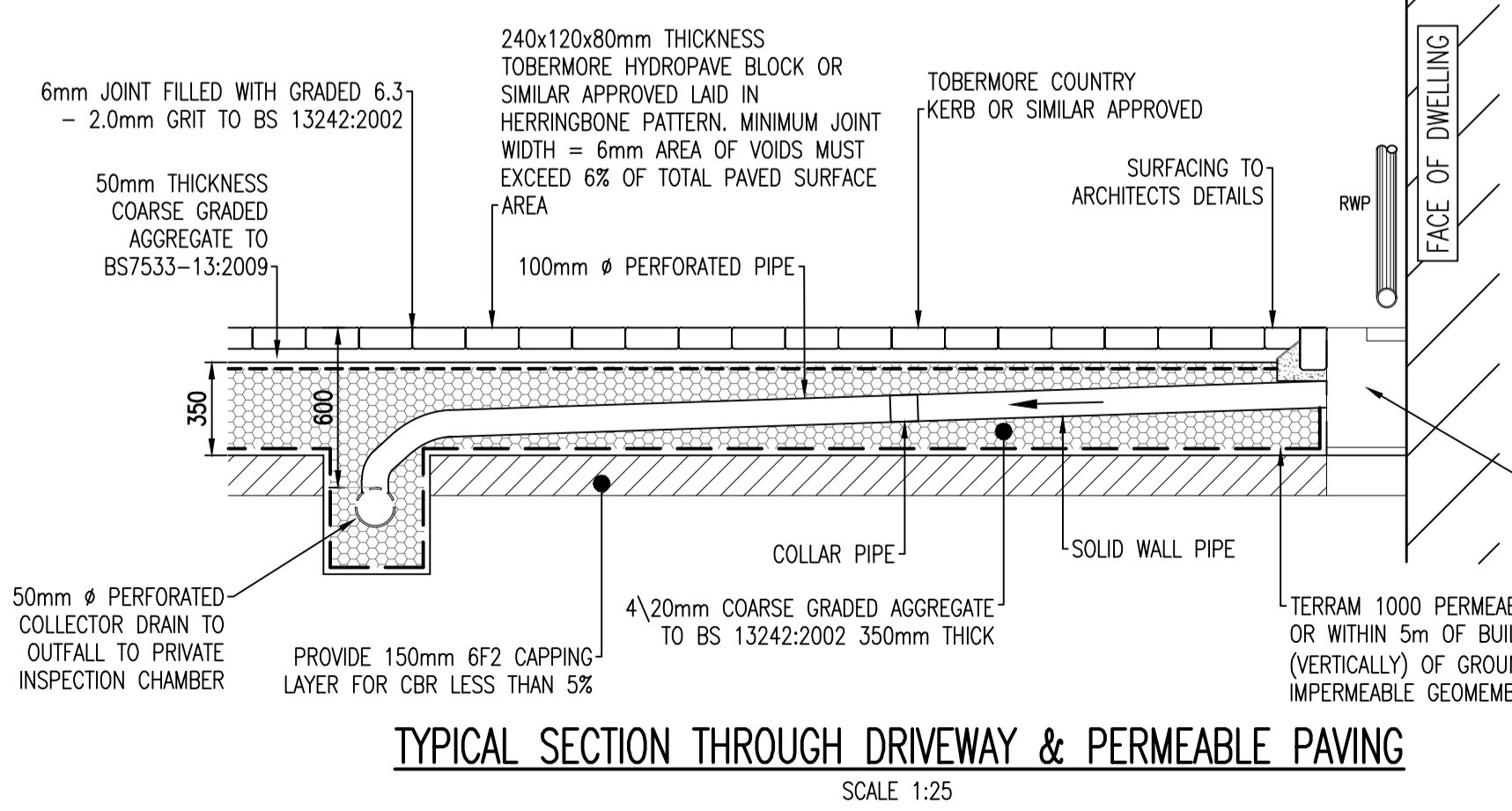
**KERB DETAIL 4
 CAST IN-SITU KERB AT PARKING BAY
 SCALE 1:10 @ A1**



**KERB DETAIL 2
 CAST IN-SITU KERB AT VEHICLE CROSSOVER
 SCALE 1:10 @ A1**



**LONGITUDINAL JOINT BETWEEN NEW
 CONSTRUCTION AND EXISTING ROAD
 SCALE 1:10**



**TYPICAL SECTION THROUGH DRIVEWAY & PERMEABLE PAVING
 SCALE 1:25**

**ROAD CONSTRUCTION DETAILS
 SCALE - AS SHOWN**

This drawing should not be scaled. Dimensions to be verified on site.
 Any discrepancies should be referred to the Engineer prior to work being put in hand.
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 Waterman Moylan Consulting Engineers Limited
 Block 5, East Point Business Park, Dublin, D03 H3F4, Ireland
 1+353 1 664 8900.

NOTE:-
 ALL FILL MATERIAL UNDER ROADS
 FOOTPATHS AND DRIVEWAYS TO BE SUITABLE
 SELECTED MATERIAL IN ACCORDANCE WITH
 TABLE 6/1 OF THE NRA SPECIFICATION FOR
 ROAD WORKS.
 ALL FILL MATERIAL TO BE LAID IN LAYERS
 AND COMPACTED IN ACCORDANCE WITH
 TABLE 6/1 OF THE NRA SPECIFICATION FOR
 ROAD WORKS.
 ALL SUITABLE SELECTED FILL MATERIAL
 SHALL BE CLASSIFIED BY SUITABLY
 QUALIFIED GEOTECHNICAL ENGINEERS.

Rev	Date	Description	By	Chk
Amendments				
Project				
PROPOSED RESIDENTIAL DEVELOPMENT AT OLD SLANE ROAD, DROGHEDA, CO. LOUTH				
Title				
ROAD CONSTRUCTION DETAILS				
Client				
LAGAN HOMES TULLYALLEN LTD.				
Status				
CONSTRUCTION				
Designed By	NS	Approved	MD	Waterman Ref
				23-067
Drawn By	NS	Date	AUGUST 2025	
			Scales @ A1	
			1:25	
Project - Originator - Volume - Level - Type - Role - Number - Revision				
OSR - WMC - ZZ - ZZ-DR - C - 1105				



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 DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900
 Email: info@waterman-moylan.ie www.waterman-moylan.ie

Drawing Location: N:\Projects\2025\07 Old Slane Road\Drawings\Waterman Moylan\Civil\Autocad Drawings\Phase 3\OSR-WMC-PHD-00-DR-C-1105-Roads Construction Details.dwg
 Date: Aug 07, 2025 - 12:21 pm