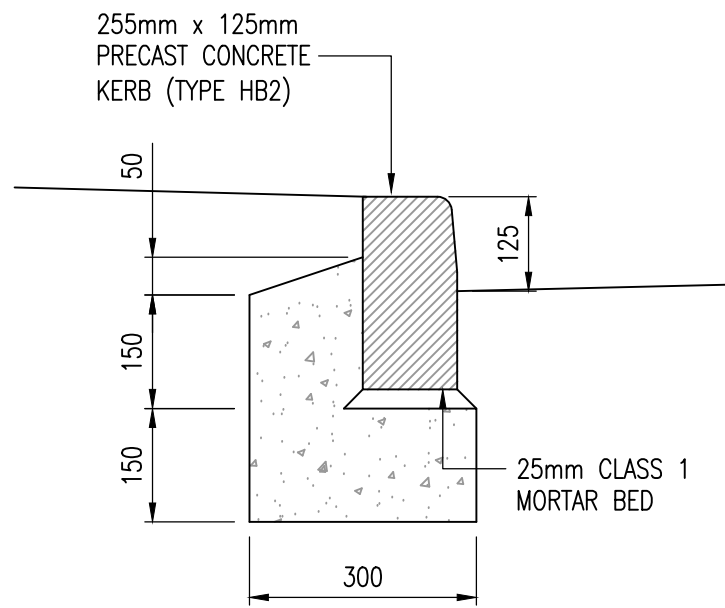
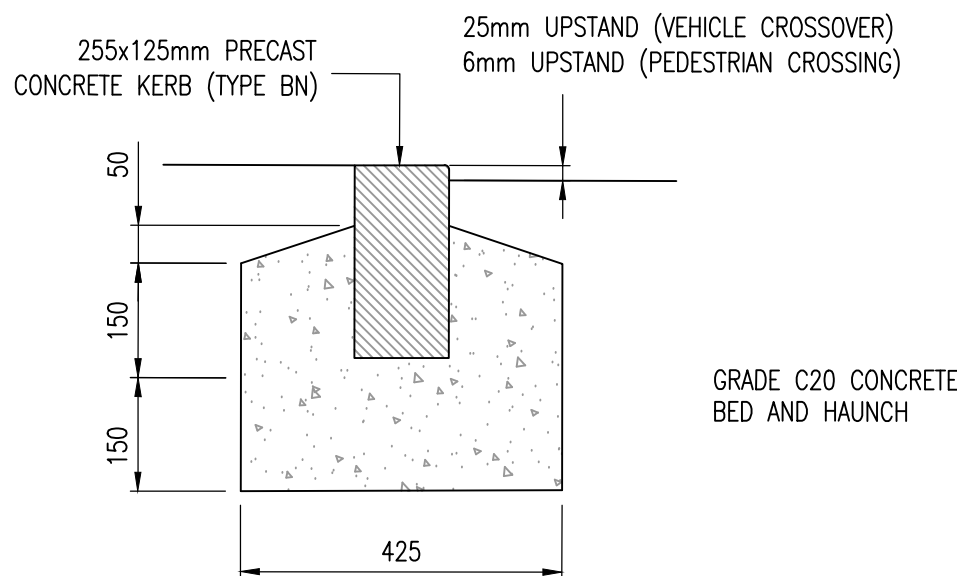
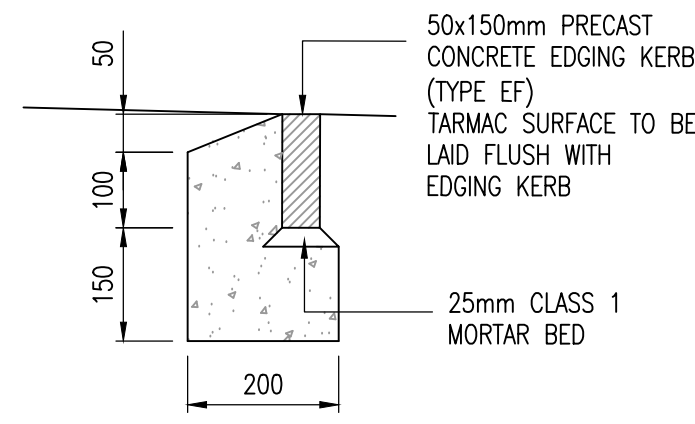




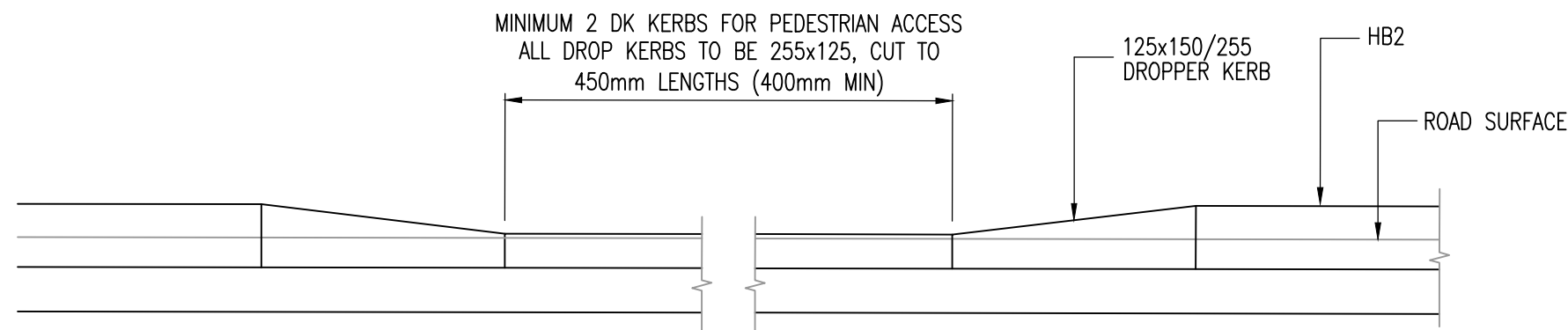
HALF BATTERED KERB (HB2)
SCALE 1:10



BULLNOSE KERB (BN)
SCALE 1:10

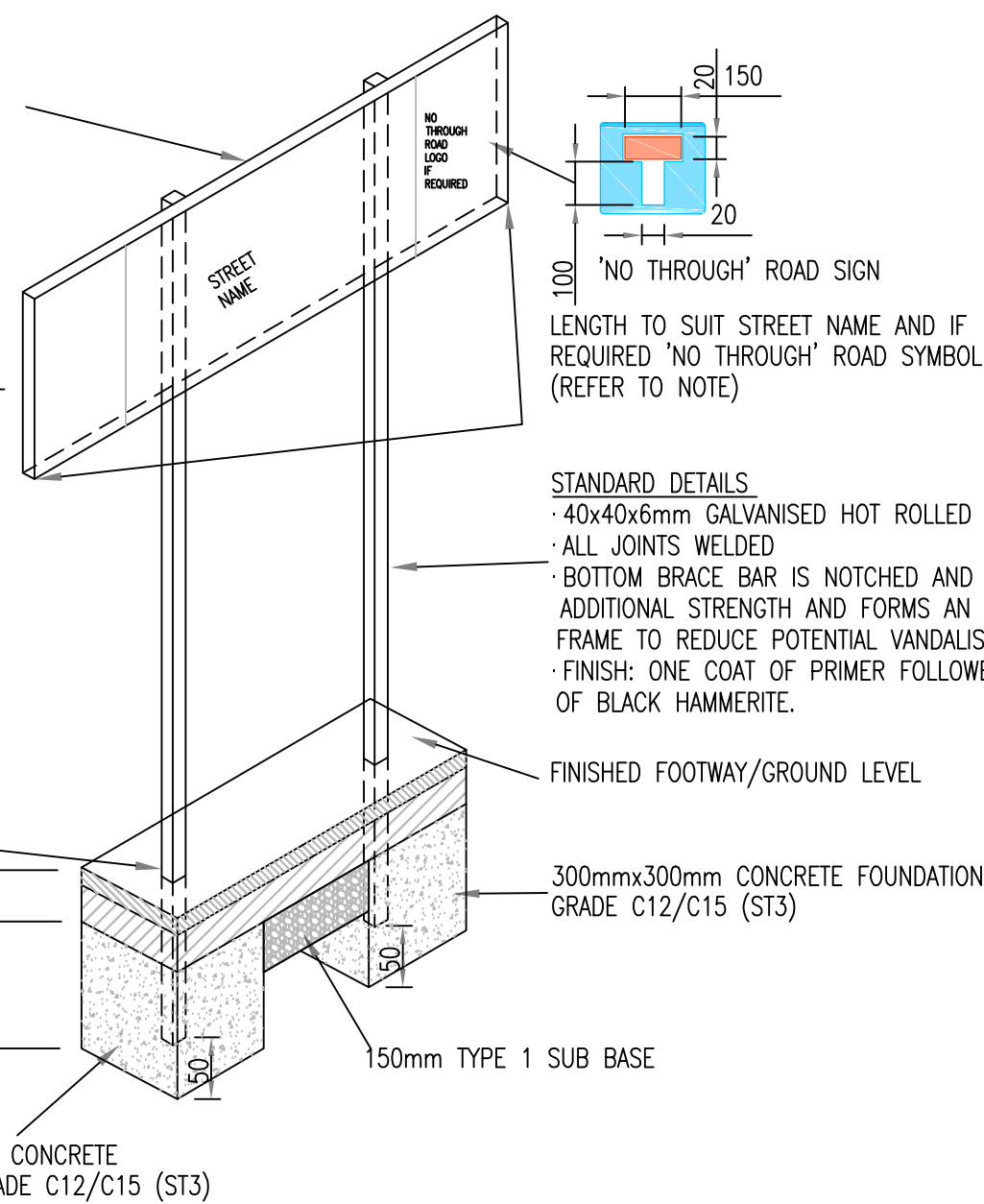


EDGING KERBS (EF)
SCALE 1:10

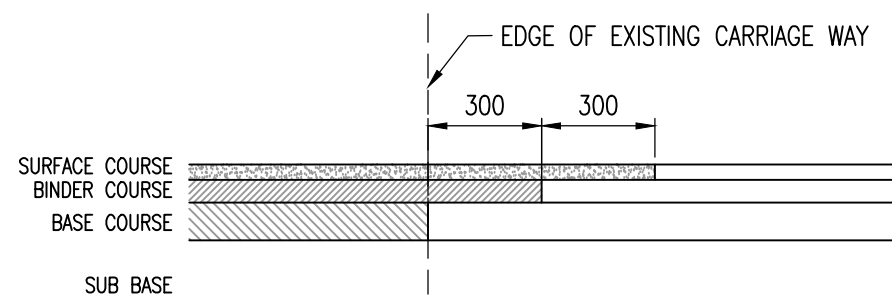


ELEVATION OF DROPPED KERB
(N.T.S.)

- SIGN PLATE DETAILS
- 3mm ALUMINIUM – GREY AT REAR
 - BLACK PRINTED TEXT ON WHITE NON-REFLECTIVE BACKGROUND
 - 89mm KINDERSLEY FONT
 - 12mm BORDER + ONE LINE OF TEXT = 150mm PLATE DEPTH
 - IF DIAGRAM 816 (NO THROUGH ROAD) IS REQUIRED, DEPTH = 225mm ONE LINE OF TEXT. DEPTH = 300mm TWO LINES OR MORE OF TEXT.
 - ATTACHMENT: PLATE IS ATTACHED TO FRAME USING POP RIVETS AT 150mm INTERVALS

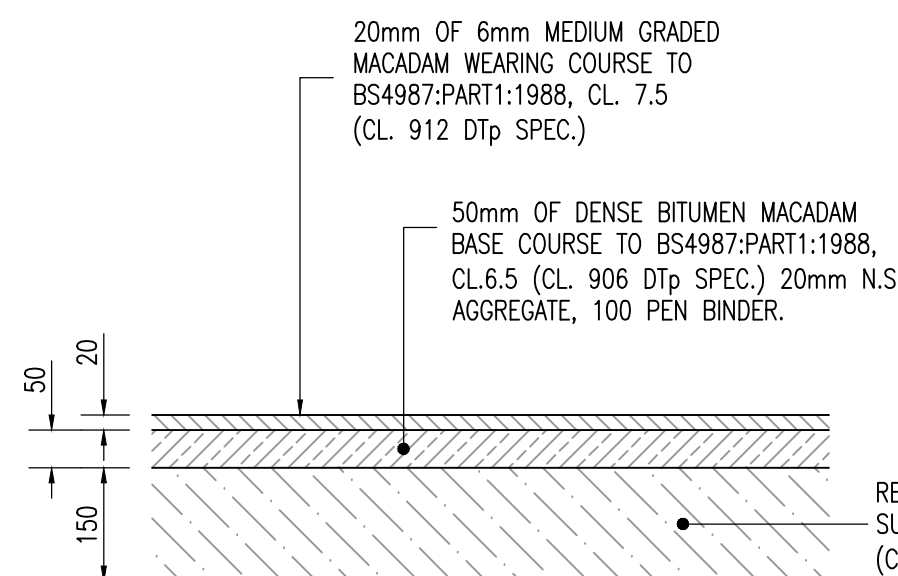


TYPICAL STREET NAMEPLATE
CONFIGURATION & FOUNDATION DETAIL
(N.T.S.)

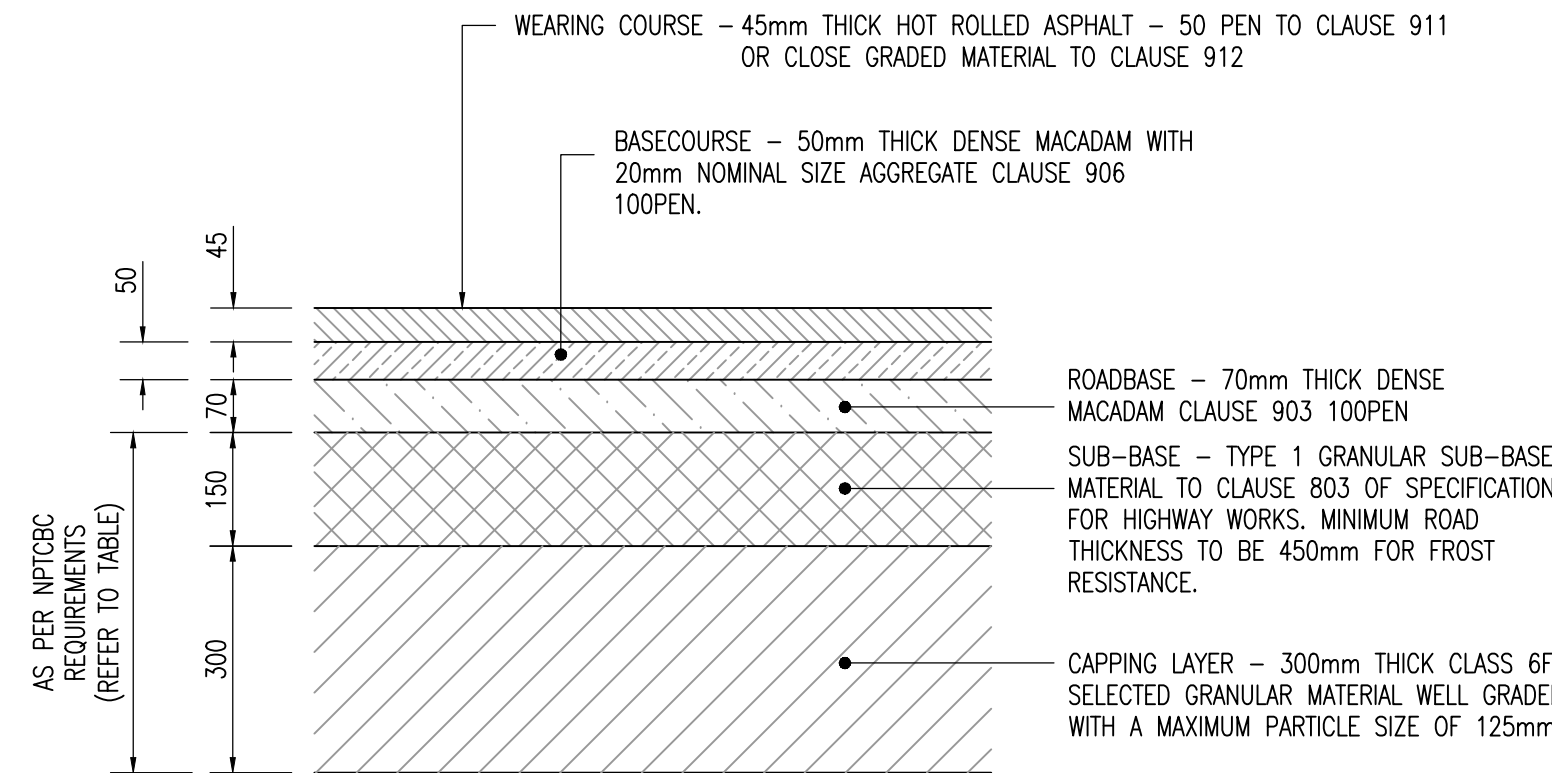


TYPICAL TIE IN DETAIL
SCALE 1:20

- NOTES
- WHEN COATED MACADAM IS LAID AS BASE AND IS NOT COVERED IMMEDIATELY WITH THE BINDER COURSE OR BINDER COURSE IS LAID AND NOT IMMEDIATELY COVERED WITH SURFACE COURSE, THEN APPLY COATED GRIT TO BS4987 PART 1 TO SEAL THE SURFACE.
 - THE MINIMUM OVERALL CONSTRUCTION THICKNESS OF CARRIAGEWAY SHALL BE 450mm.



NPTCBC – ADOPTABLE
FOOTWAY CONSTRUCTION



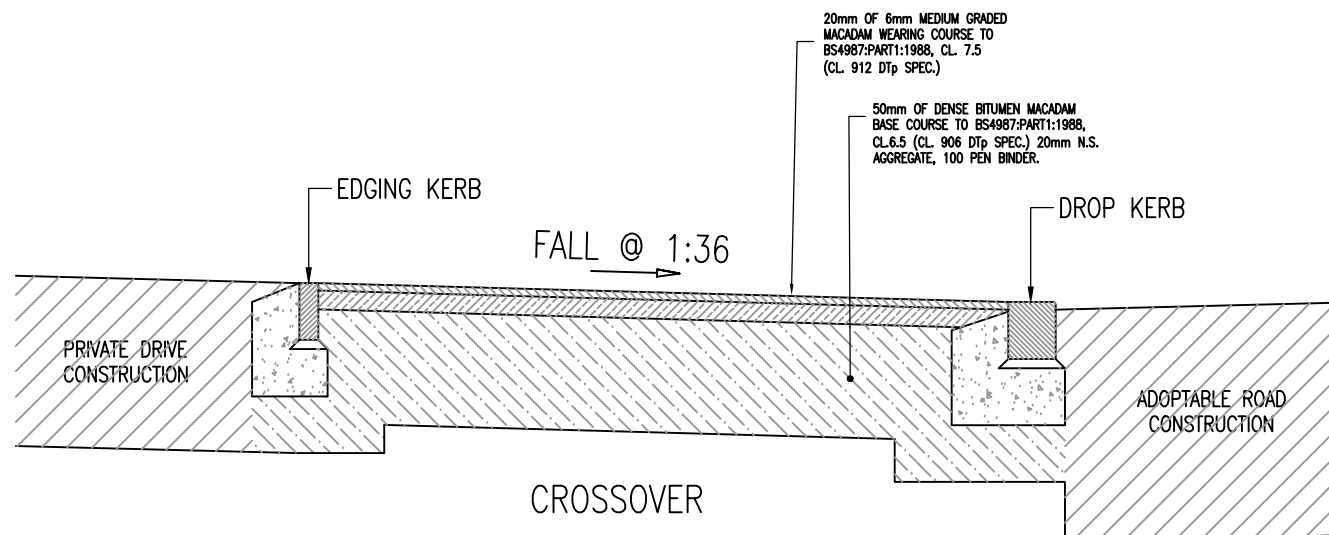
NPTCBC – ADOPTABLE
CARRIAGEWAY CONSTRUCTION
CATEGORY B ROADS

HIGHWAY NOTES

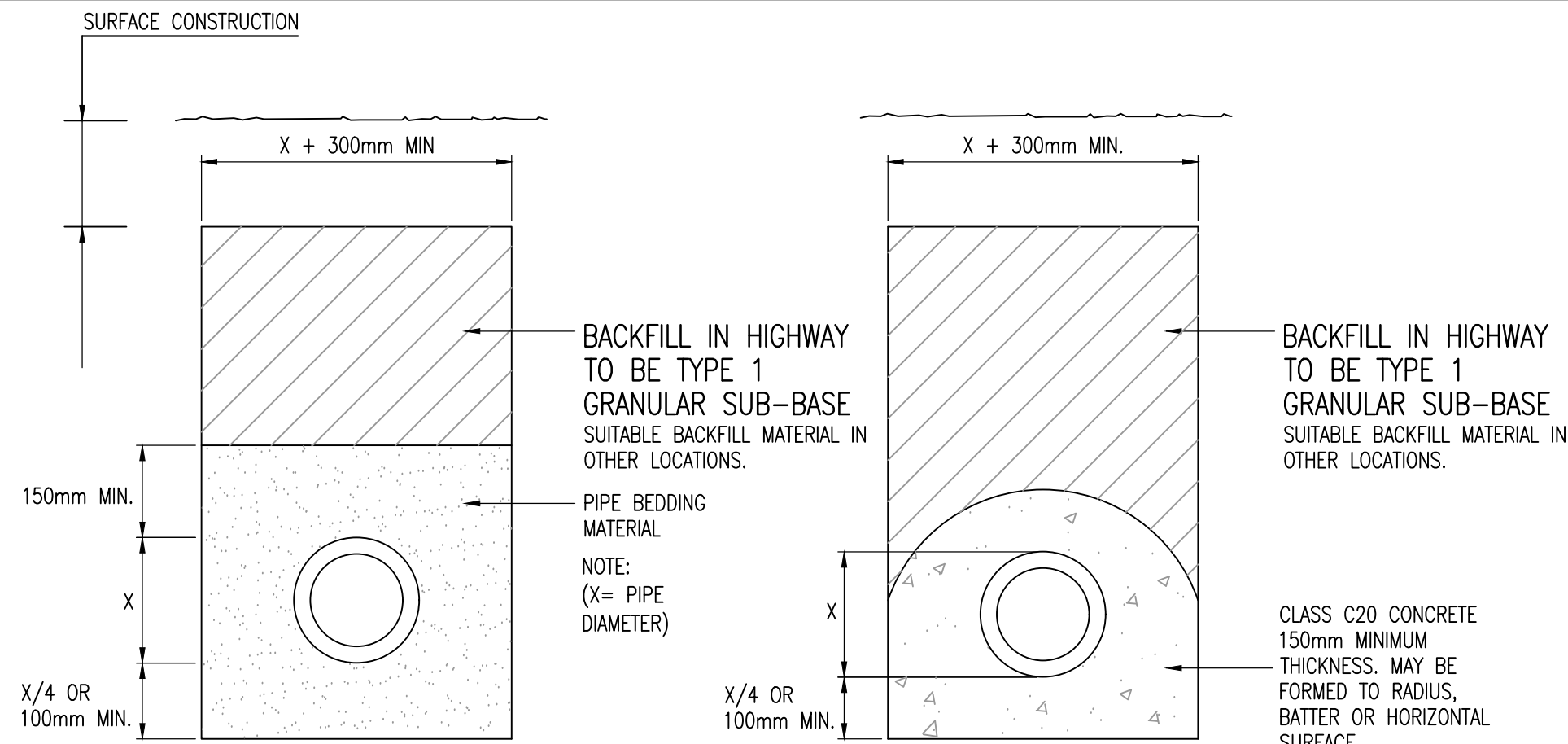
- GROUND INVESTIGATION REPORT TEC JOB NO. 2203011.002.01 RECOMMENDS A CBR VALUE OF <2.5% TO BE USED FOR PRELIMINARY DESIGN PURPOSES.
- ALL ENGINEERED FILL MATERIALS SHOULD BE COMPACTED IN LAYERS AS PER THE REQUIREMENTS OF THE SPECIFICATION FOR HIGHWAY WORKS.
- IN-SITU CBR TESTS TO BE CARRIED OUT AT FORMATION LEVEL TO NPTCBC REQUIREMENTS. REFER TO TABLE:

NPTCBC – SUB-BASE/CAPPING REQUIREMENTS

CBR VALUE	SUBBASE	CAPPING LAYER
[%]	[mm]	[mm]
>15	150	–
5<CBR<15	225	–
2<CBR<5	150	300
1<CBR<2	150	450



VEHICLE CROSSOVER TYPICAL DETAIL
(1:20)



GRANULAR PIPE SURROUND DETAIL
CLASS 'S'
(1:10)

CONCRETE PIPE SURROUND DETAIL
CLASS 'Z'
(1:10)

GRANULAR MATERIAL	
DIA OF DRAIN	AGGREGATE
100	6mm SINGLE SIZE
150	10 OR 14mm SINGLE SIZE OR 14–5mm GRADED *
150–500	10, 14 OR 20mm SINGLE SIZE OR 20–5mm GRADED *
OVER 500	10, 14, 20 OR 40mm SINGLE SIZE OR 40–5mm GRADED *

* NON PREFERRED

- NOTE
- NO MECHANICAL COMPACTION WITHIN 300mm OF CROWN OF PIPE.
 - DRAINAGE TRENCHES IN ROADS TO HAVE HIGHWAYS AGENCY SPECIFICATION FOR ROADS AND BRIDGE WORKS TYPE 1 GRANULAR MATERIAL.

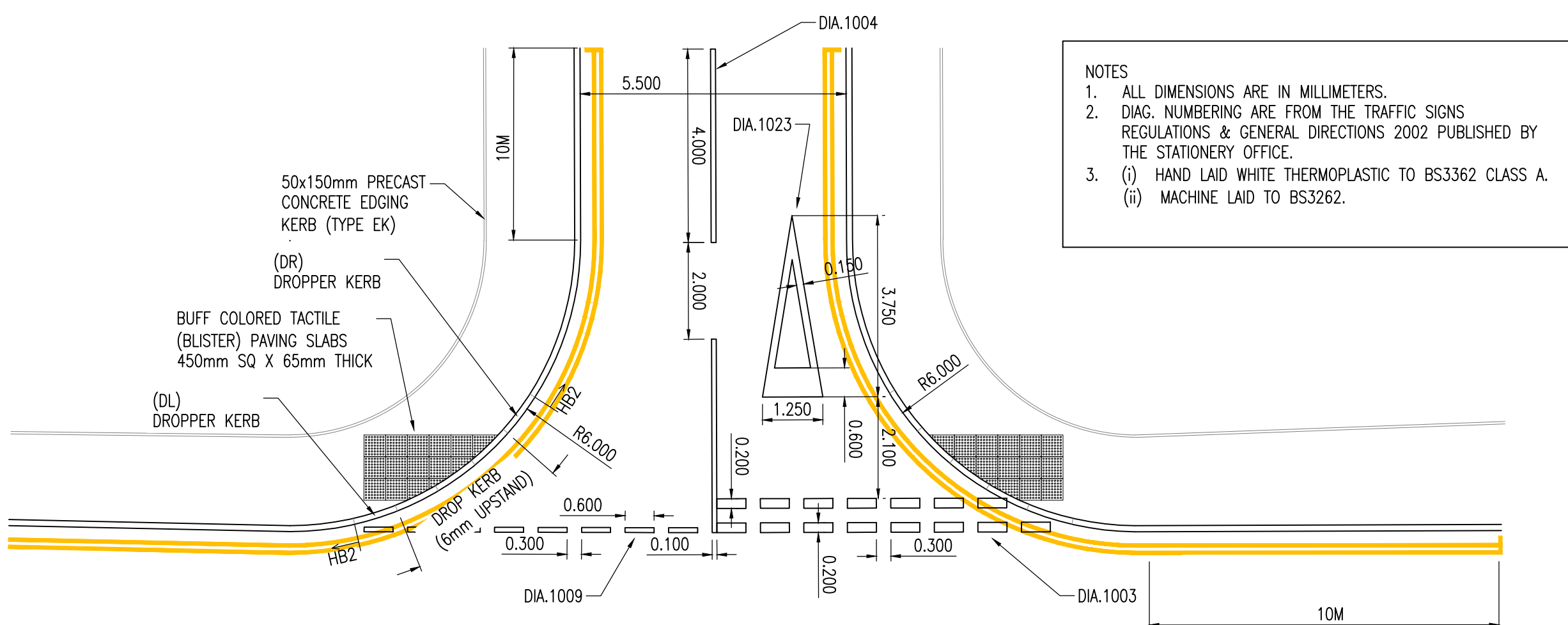
LOCATION	COVER TO SOFFIT	BEDDING
ROADS.	>1.2m	CLASS 'S' GRANULAR BED AND SURROUND.
	<1.2m	CLASS 'Z' CONCRETE SURROUND.
NON-ADOPTABLE SEWERS BELOW CAR PARKING.	>0.9m	CLASS 'S' GRANULAR BED AND SURROUND.
	<0.9m	CLASS 'Z' CONCRETE SURROUND.
HARD AND SOFT LANDSCAPING.	>0.6m	CLASS 'S' GRANULAR BED AND SURROUND.
	<0.6m	CLASS 'Z' CONCRETE SURROUND.

NOTE
PROTECTION FROM SETTLEMENT
TAKEN FROM BUILDING REGULATIONS, PART H

- WHERE THE TRENCH IS WITHIN 1m OF THE FOUNDATION THE TRENCH IS FILLED WITH CONCRETE UP TO THE LOWEST LEVEL OF THE FOUNDATION; OR
- WHERE THE TRENCH IS FURTHER THAN 1m FROM THE BUILDING, THE TRENCH IS FILLED WITH CONCRETE TO A LEVEL BELOW THE LOWEST LEVEL FOR THE BUILDING EQUAL TO THE DISTANCE FROM THE BUILDING, LESS 150mm.

TYPICAL PIPE BEDDING AND TRENCH DETAILS

NOTE: NO MECHANICAL COMPACTION WITHIN 300mm OF CROWN PIPE.



YORK PLACE
JUNCTION ROAD MARKINGS
AND TACTILE PAVING
(1:100)

GENERAL NOTES

- DO NOT SCALE THIS DRAWING.
- CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER.
- ANY DISCREPANCY TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

Rev.	Detail	By	Date
B	JUNCTION UPDATED TO SHOWN 6M RADI	DF	16.10.24
A	REVISED TO SUIT COMMENTS FROM HIGHWAYS	EP	06.08.24

Revisions

Reinforcement schedules nos.



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Client



Project

HOUSING DEVELOPMENT
DEVONSHIRE PLACE
PORT TALBOT

Drawing Title

SECTION 278
STANDARD DETAILS
SHEET 1

INFORMATION

Project No.	Drawing No.
C2189	C-S278-07
Scales	Revision
AS SHOWN	14.05.2024
Drawn	Checked
WK	DF
Sheet Size	Sheet No.
A1	B