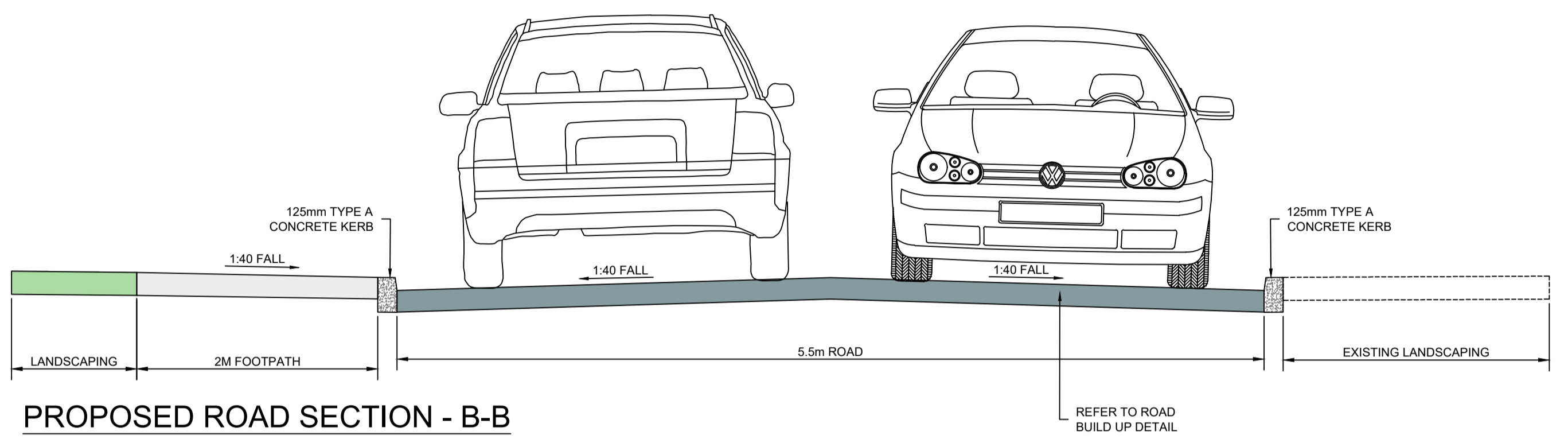


PROPOSED ROAD SECTION - A-A
SCALE 1:25



PROPOSED ROAD SECTION - B-B
SCALE 1:25

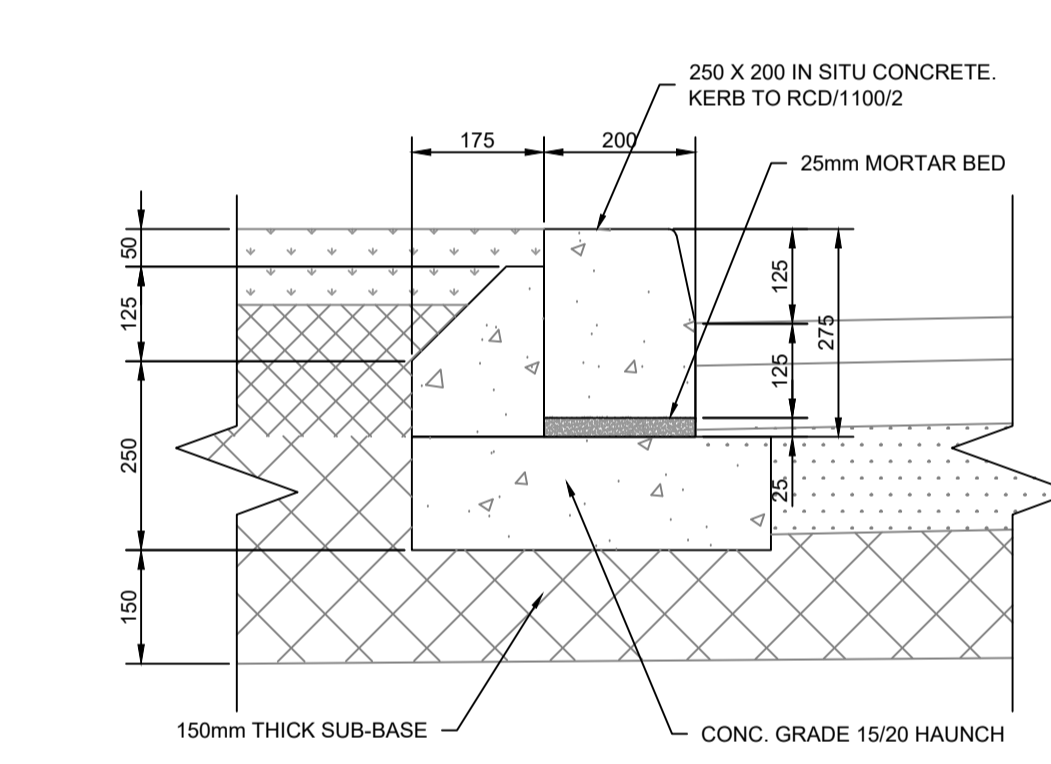
TYPICAL ROADS SPECIFICATION:

- SURFACE COURSE: 35mm PMSMA (CLAUSE 942)
- BUILDER COURSE: 50mm AC20 DENSES BIN 70/100 REC (CLAUSE 906 DBM)
- BUILDER COURSE: 70mm AC20 DENSES BIN 70/100 REC (CLAUSE 906 DBM)
- SUB-BASE: 150mm TYPE B (CLAUSE 804)

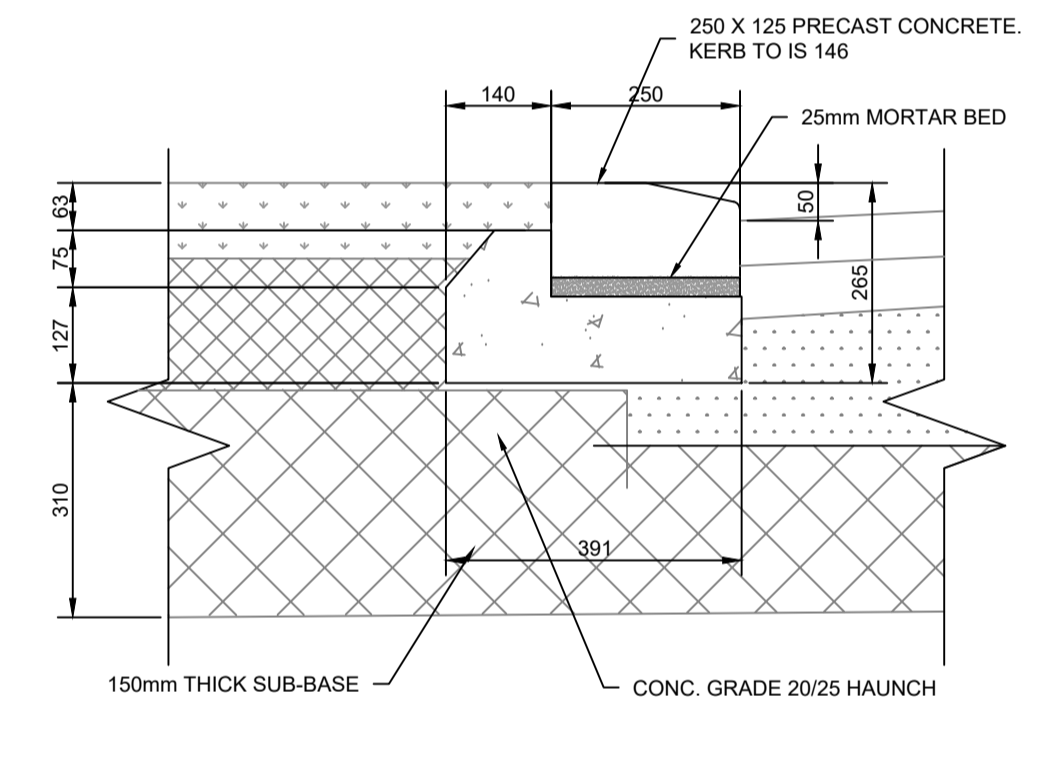
CAPPING LAYER THICKNESS

CBR%	<2	2	3	4-15	16+
Depth	350	250	200	150	0

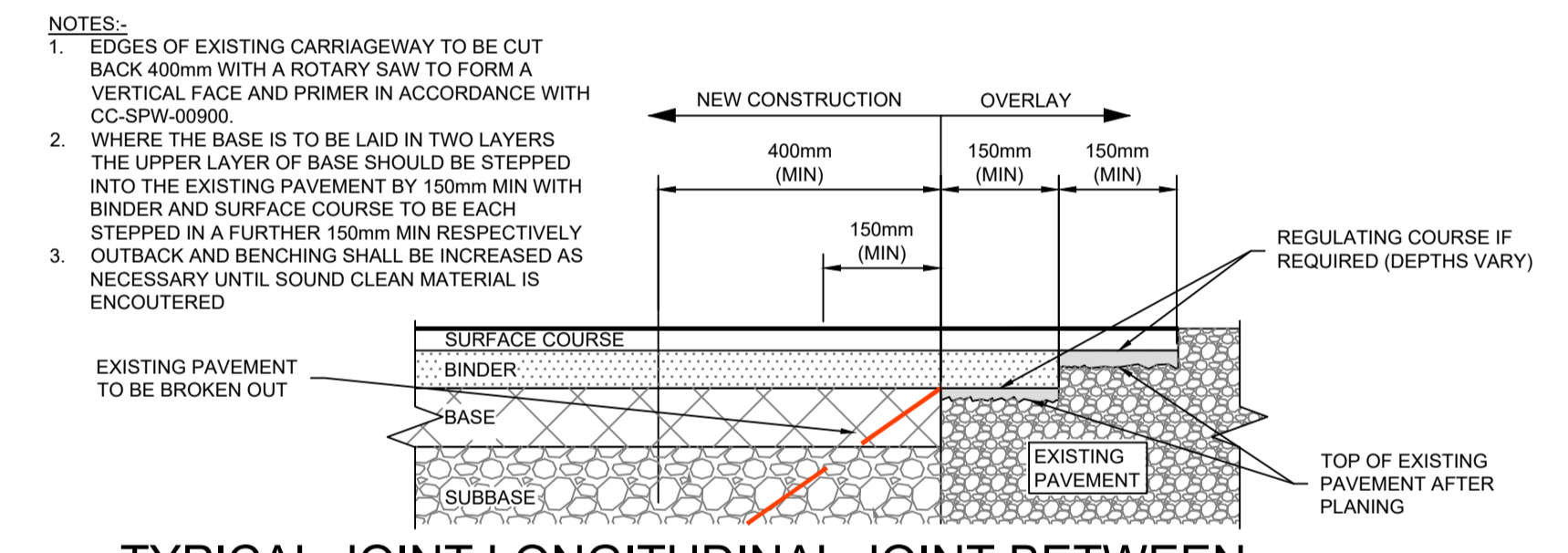
- GENERAL NOTES**
1. THE CONTRACTOR SHOULD READ THIS ROAD SPECIFICATION IN CONJUNCTION WITH THE RELEVANT TYPICAL DETAILS.
 2. JOINTS BETWEEN NEW ROAD CONSTRUCTION AND EXISTING ROADS SHALL BE AS PER THE DETAILS IN TI-CC-SCD-00703. THE EDGES OF THE EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND FRAMED IN ACCORDANCE WITH TI-CC-SCD-00703 INCLUDE FOR ALL ADDITIONAL EXCAVATION AND FILLING TO ACHIEVE REQUIRED DEPTH OF SUB BASE WHERE NEW AND EXISTING WORKS MEET.
 3. ALL MANHOLES RAISED TO MEET THE NEW ROAD LEVEL WHERE REQUIRED. DISHING CONCRETE TO MANHOLE COVERS AND FRAMES AND INCLUDE FOR SETTING FRAME IN CONCRETE TO NEW OR ADJUSTED LEVELS WHERE REQUIRED PROTECT COVER AND FRAME DURING COURSE OF WORKS. ALL GULLIES TO MEET PROPOSED NEW SURFACE LEVEL WHERE REQUIRED.
 4. FOOTPATH EXPANSION JOINTS SHALL BE NEATLY FORMED IN STRAIGHT LINES AT NOT GREATER THAN 5m CENTERS AND SO ARRANGED AS TO COINCIDE WITH THE JOINTS IN THE KERB. JOINTS SHALL BE FORMED BY INSERTING A DOUBLE LAYER OF ROOFING FELT OR OTHER APPROVED METHODS. WHICH SHALL EXTEND THE FULL DEPTH OF THE SLAB AND BE FINISHED OFF NEATLY AT THE SURFACE. THE CONTRACTOR SHALL ENSURE THE DOUBLE LAYER OF ROOFING FELT IS SUPPORTED IN THE JOINT AND HELD IN A STRAIGHT LINE DURING THE CONSTRUCTION PROCESS.
 5. IN-SITU CONCRETE SHALL BE POURED ON A SUB-BASE OF 150mm NOMINAL THICK OF GRANULAR MATERIAL COMPLYING WITH CLAUSE 808. CONCRETE SHALL BE LAID AND COMPACTED IN COMPLIANCE WITH THE 800 SERIES OF THE SPECIFICATION FOR ROAD WORKS. ALL MATERIALS SPECIFIED SHALL COMPLY WITH REQUIREMENTS OF SR 21 (ANNEX E AMENDED TO I.S. EN 13242:2013 AND BASED ON THE REPORT OF PYRITE PANEL 2012) AGGREGATED FOR USE IN UNBOUND & HYDRAULICALLY BOUND GRANULAR MATERIALS.
 6. THE VERTICAL ALIGNMENT OF THE FINISHED SURFACE SHALL NOT DEPART FROM THE DESIGN LEVEL BY MORE THAN +10m AT ANY POINT. THE MAXIMUM DEVIATION OF THE SURFACE UNDER A STRAIGHT EDGE SHALL NOT BE GREATER THAN 5mm IN 3m. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION OF ALL EXISTING SERVICE CHAMBERS, MANHOLES AND DUCTING THROUGHOUT THE WORKS ALL CONCRETE JOINTS AND EDGES SHALL BE BULL NOSED.
 7. CBR TESTS SHALL BE CARRIED OUT ON THE SUBGRADE AT FORMATION LEVEL. THE RATE OF THE TESTS SHALL BE 1 TEST PER 50 LINEAR METERS OF ROAD. WHERE TEST VALUES VARY SIGNIFICANTLY ADDITIONAL TESTS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
 8. CAPPING LAYER SPECIFIED BASED ON ESTIMATED SUBGRADE CBR VALUE OF 8%. CAPPING LAYER MAY BE REDUCED/INCREASED SUBJECT TO ACTUAL SUBGRADE CBR TEST VALUES OBTAINED ON SITE.



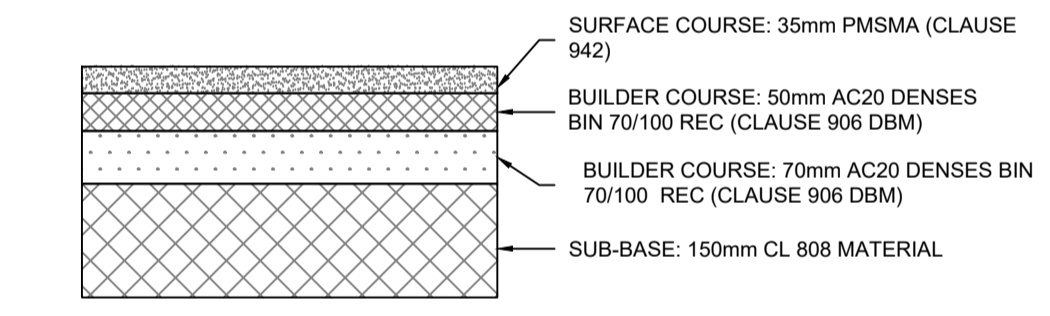
KERB DETAIL A
TYPICAL 250x200mm KERB
SCALE 1:10



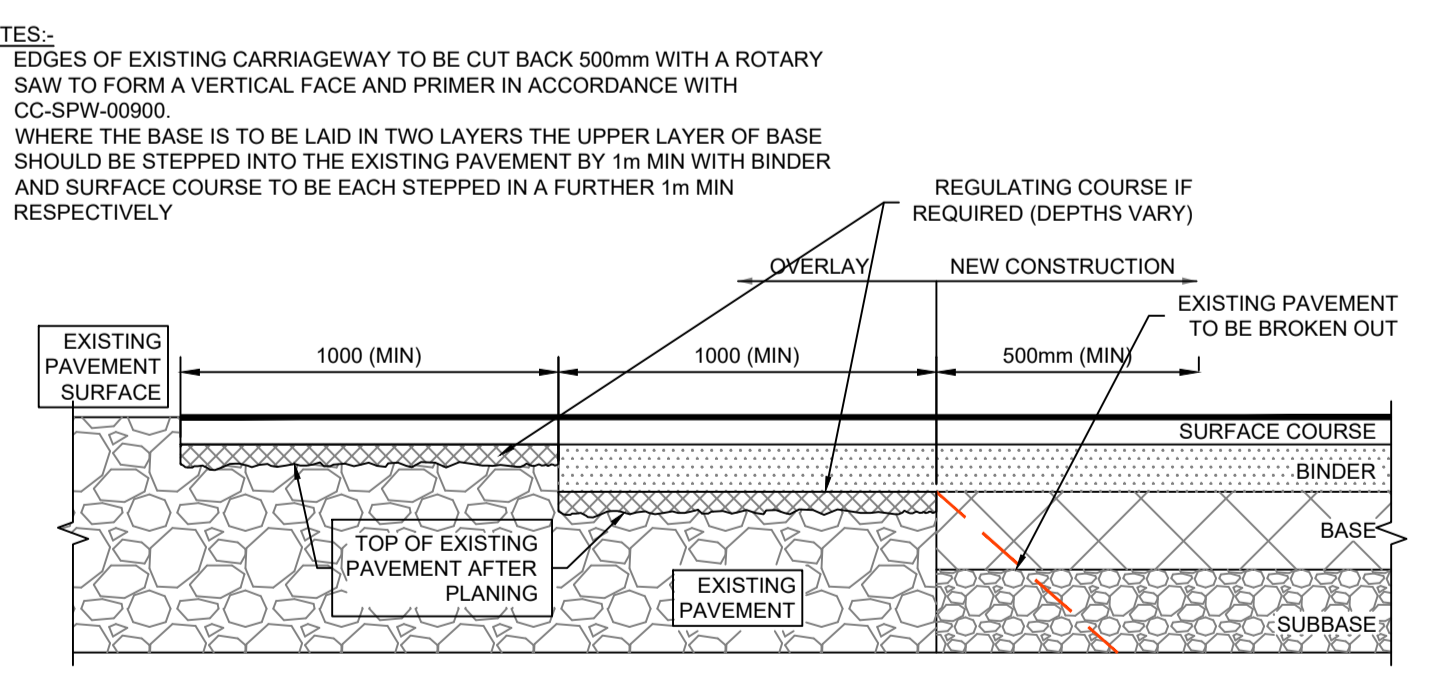
KERB DETAIL B
250x125mm SHALLOW KERB
SCALE 1:10



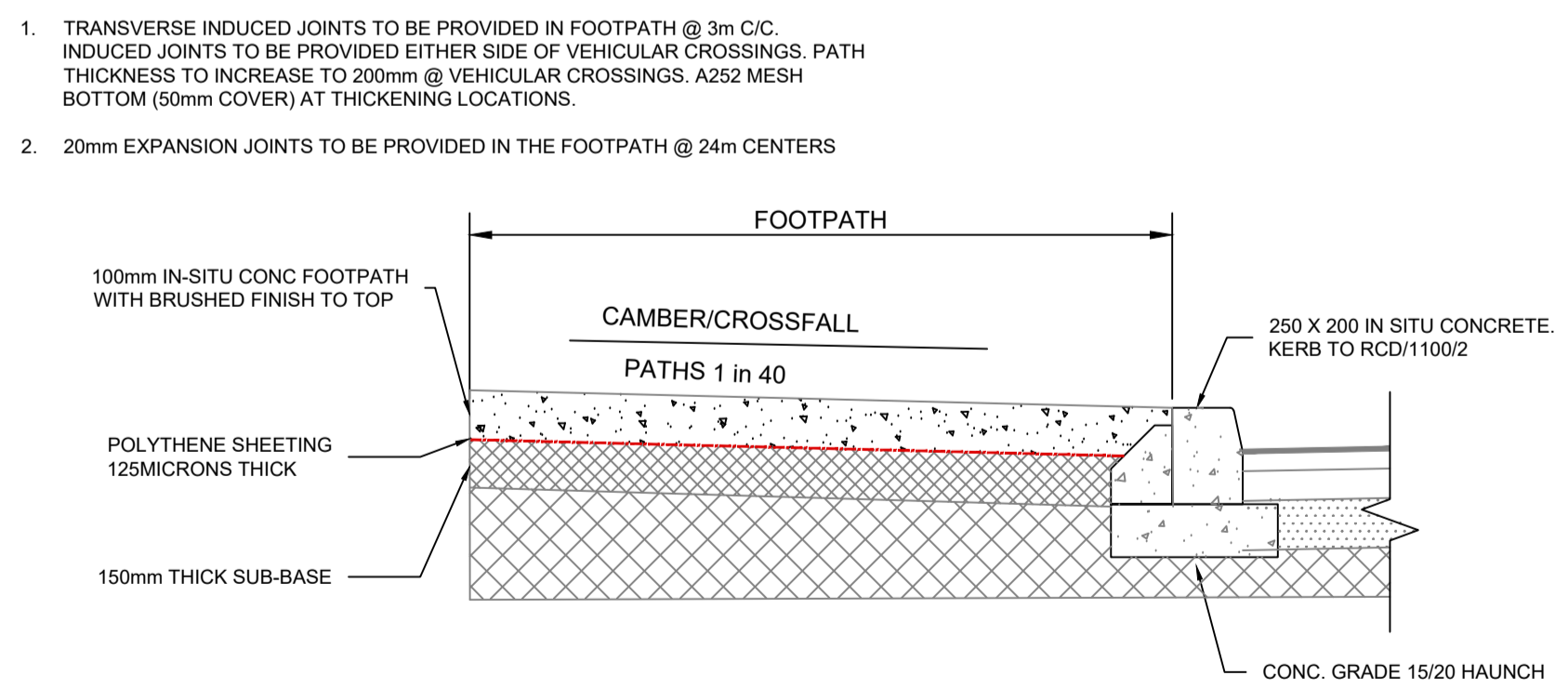
TYPICAL JOINT LONGITUDINAL JOINT BETWEEN NEW CONSTRUCTION AND EXISTING PAVEMENT.
SCALE 1:10



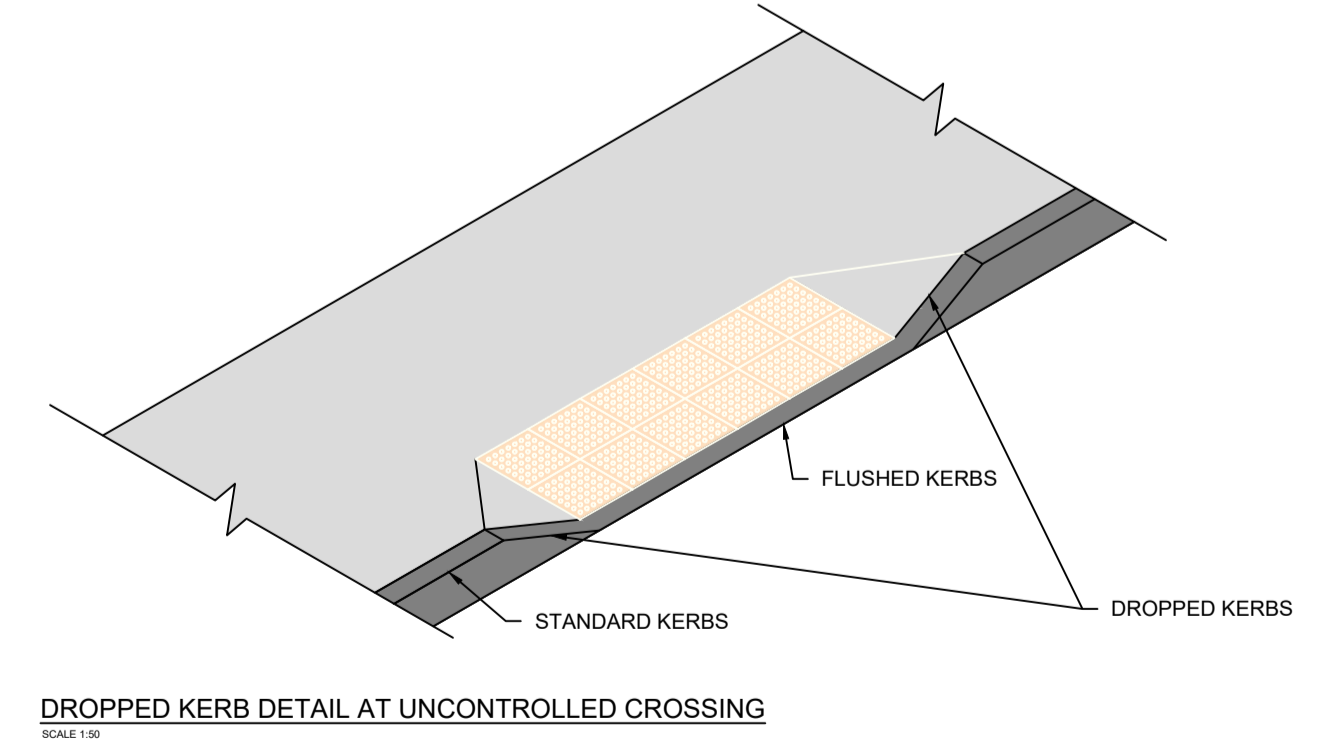
ROAD BUILD-UP
SCALE 1:10



TYPICAL JOINT TRANSVERSE JOINT BETWEEN NEW CONSTRUCTION AND EXISTING PAVEMENT.
SCALE 1:20



TYPICAL FOOTPATH AND KERB DETAIL
SCALE 1:25



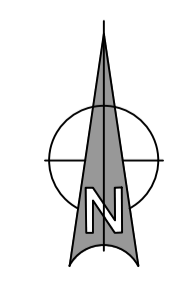
DROPPED KERB DETAIL AT UNCONTROLLED CROSSING
SCALE 1:10

INFORMATION

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Figured dimension only to be taken from this drawing. All dimensions to be checked on site. Consultants to be informed immediately of any discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	23/01/2024	ISSUED FOR PLANNING	PMC	MH



CLIENT:	WESTMEATH COUNTY COUNCIL			
PROJECT:	PROPOSED SERVICED SITES KILLENBOYLEGAN, MOATE, CO. WESTMEATH			
TITLE:	TYPICAL INFRASTRUCTURE DETAILS			
DRAWN:	CHECKED:	APPROVED:	JOB NO:	REV:
PMC	RD	MH	230894	P01
DATE:	SCALE:	DRAWING NO:		
14/07/2023	AS SHWON	230894-ORS-Z2-XX-DR-TR-720		

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