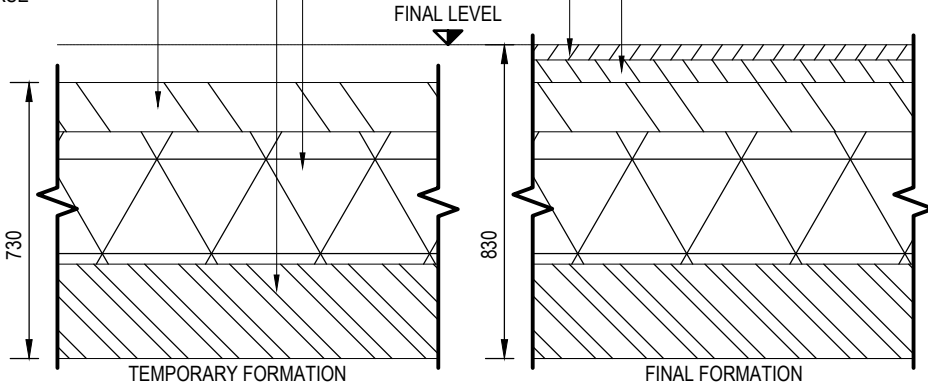


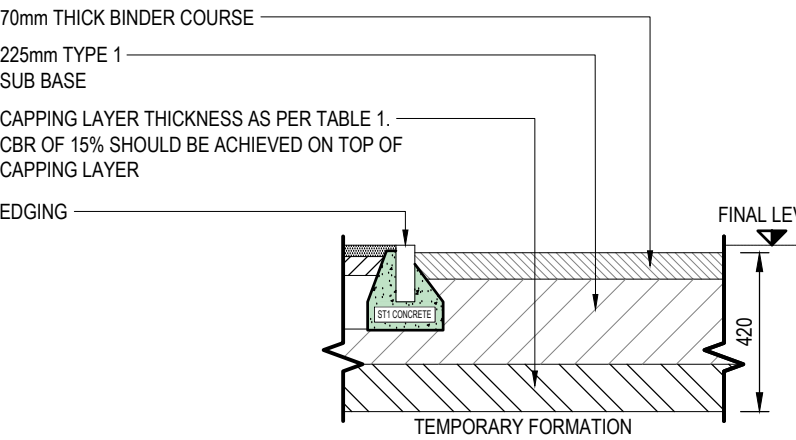
225mm MINIMUM THICK SUB-BASE TYPE CDD GRANULAR MATERIAL TO CLAUSE HCC 891 AR OR AS DUG/EXISTING ALLUVIUM/WHITTING FORMATION TO BE STABILISED TO ACHIEVE 15% CBR FOR CAPPING LATER & 30% CBR FOR SUB-BASE (OPTIONAL). REFER TO TECHNICAL DESIGN NOTE HHD-HYD-XX-XX-DTN-GE-003 AS PREPARED BY HYDROCK LIMITED DATE 15th MARCH 2022. CONTRACTOR TO PREPARE & SUBMIT MIX WITH TENDER RETURN & TO TAKE RESPONSIBILITY FOR PERFORMANCE OF STABILISATION MATERIALS.

AS DUG/EXISTING ALLUVIUM/WHITTING FORMATION TO BE STABILISED TO ACHIEVE 15% CBR FOR CAPPING LATER & 30% CBR FOR SUB-BASE (OPTIONAL). REFER TO TECHNICAL DESIGN NOTE HHD-HYD-XX-XX-DTN-GE-003 AS PREPARED BY HYDROCK LIMITED DATE 15th MARCH 2022. CONTRACTOR TO PREPARE & SUBMIT MIX WITH TENDER RETURN & TO TAKE RESPONSIBILITY FOR PERFORMANCE OF STABILISATION MATERIALS.

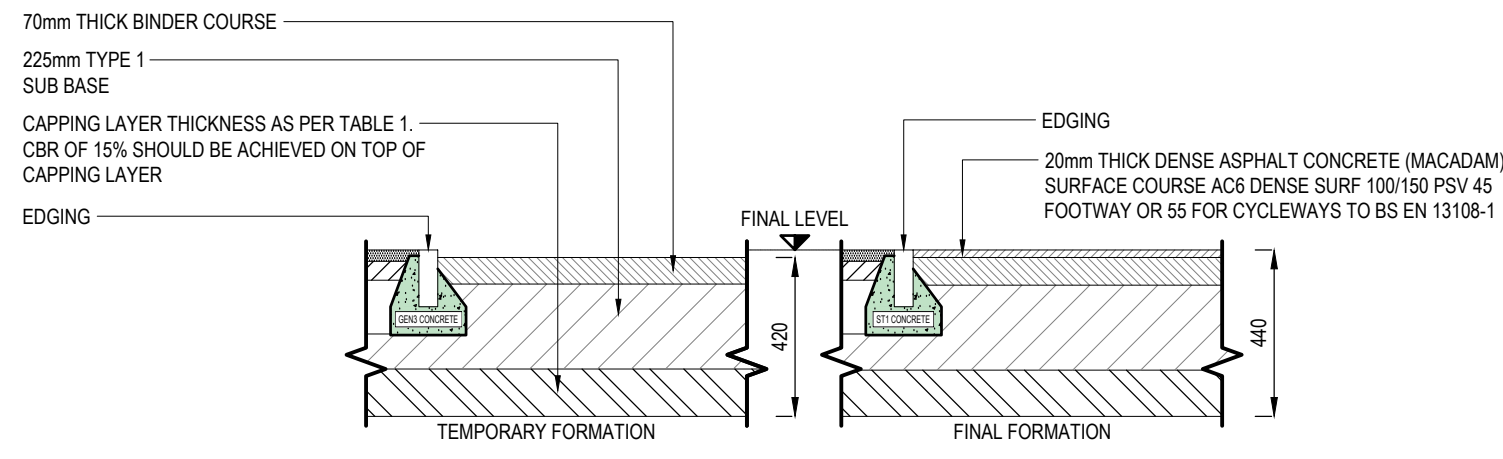
150mm THICK BASE COURSE - AC32 BASE 40/60 BS EN 13108 PART 1. CL929 CLASS 1 WHEEL TRACKING - TO BE USED AS TEMP WEARING COURSE



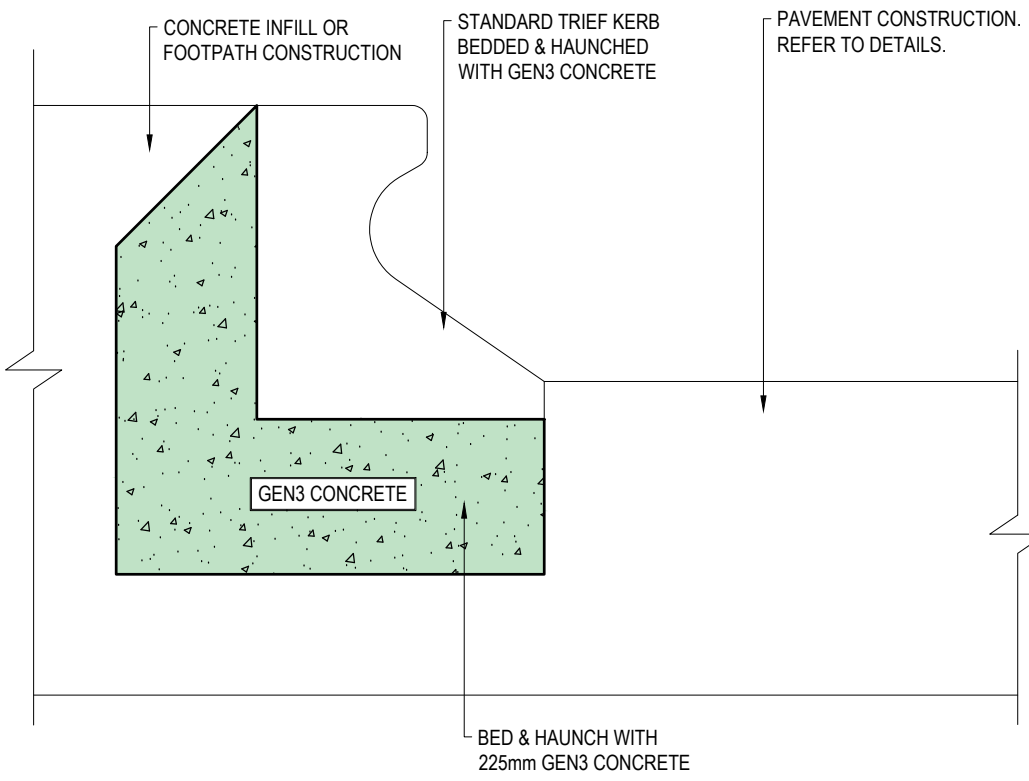
CARRIAGEWAY BUILD UP DETAIL
(PRIMARY ROAD-ASPHALT)
ASSUMED 2.5% CBR
SCALE : 1 : 20



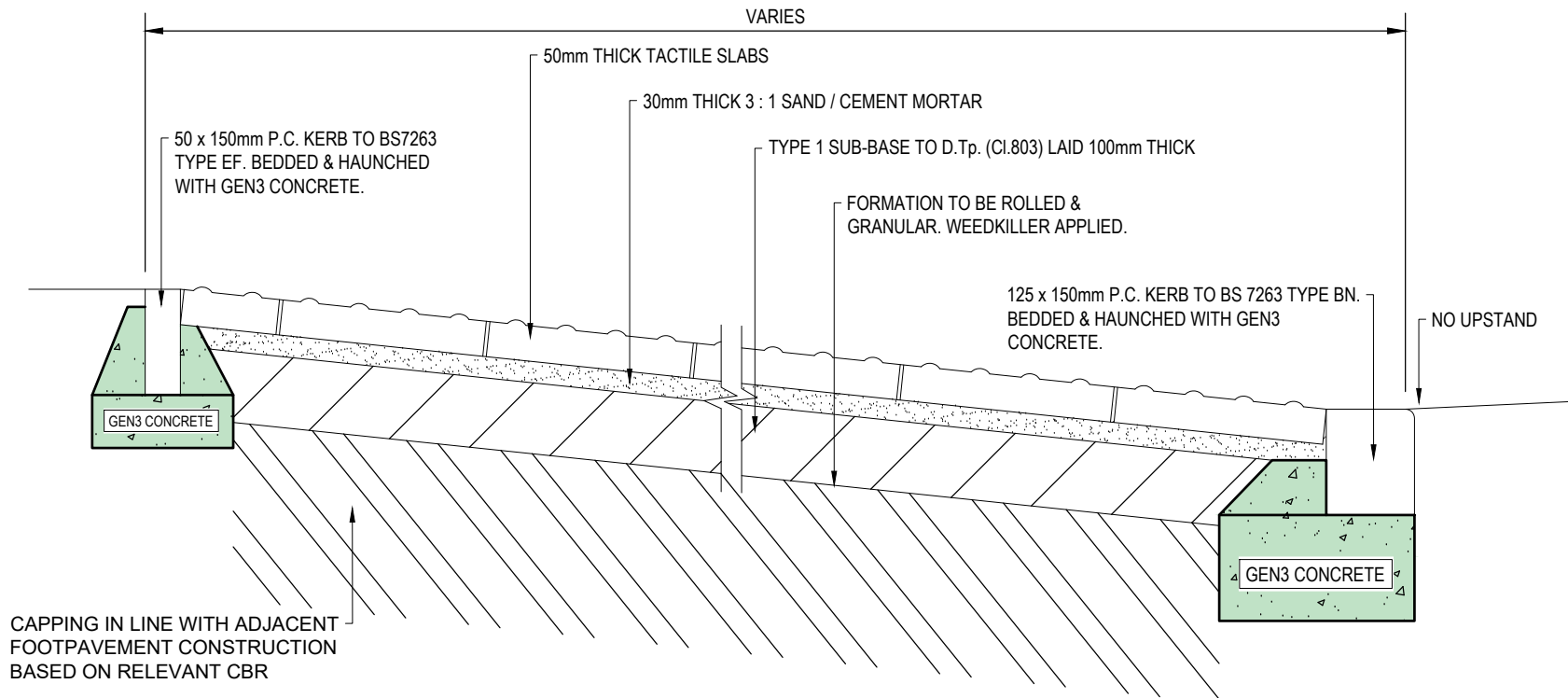
PRIMARY CYCLE / FOOTPATH BUILD UP ADJACENT TO HIGHWAY
ASSUMED 2.5% CBR OR GREATER
LIGHT VEHICLE FOOTWAY LOADING
SCALE 1:20



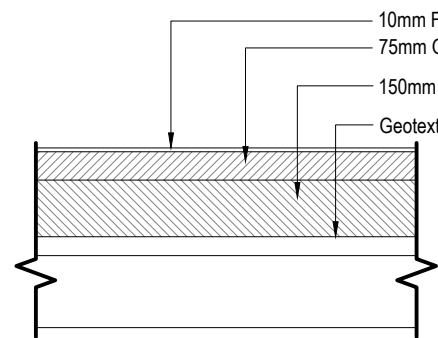
SECONDARY FOOTPATH - ASPHALT
ASSUMED 2.5% CBR OR GREATER
LIGHT VEHICLE FOOTWAY LOADING
SCALE 1:20



TRIEF KERB
SCALE : 1 : 10



TACTILE PAVING DETAIL
SCALE: 1:10



BRIDGeway IN LINE WITH HCC HIGHWAYS
DRAWING HCC11/C/050
SPECIFICATION AS PER NOTES ON HCC
DRAWING

TABLE 1

ROAD FORMATION (mm)	Foundation Class 1	Foundation Class 2	Foundation Class 3
CBR value of subgrade (%)	Subgrade Surface Module (SMV)	Type 1 Sub-base	Type 1 Sub-base
<2	27.5	Specialist Design	Specialist Design
2.5	32.0	N/A	N/A
3	36.0	N/A	N/A
4	43.0	N/A	N/A
5	49.0	N/A	N/A
6	55.0	N/A	N/A
7	61.0	N/A	N/A
8	67.0	N/A	N/A
9	73.0	N/A	N/A
10	77.0	N/A	N/A
12	88.0	N/A	N/A
15 or >	100.0	N/A	N/A

NOTES

Foundation Class 1 cannot be used on roads with traffic loading greater than 20 msa

Values of material thickness for Foundation Class 1 based upon Figure 3.17 of DMRB CD 225 Design for New Pavement Foundations. (Rev 1 - Apr 2020)

Values of material thickness for Foundation Class 2 based upon Figure 3.20 of DMRB CD 225 Design for New Pavement Foundations. (Rev 1 - Apr 2020)

Values of material thickness for Foundation Class 3 based upon Figure 3.21 of DMRB CD 225 Design for New Pavement Foundations. (Rev 1 - Apr 2020)

Material type to be used for Class 1 shall be MCHV1 613 for capping layer.

Material type to be used for Class 2 shall be MCHV1 613 for capping layer & MCHV1 601, 604, 606 or 607 for sub-base layer.

Material type to be used for Class 3 shall be MCHV1 613 for capping layer & MCHV1 621, 622, 606 or 640 for sub-base layer (minimum R6 Class C34).

DRAWING NUMBERS	DRAWING TITLE	STANDARD DETAIL
HCC11/C/025	CONSERVATION KERB	KERB TYPE C01
HCC11/C/025	CONSERVATION KERB	KERB TYPE C02 (25mm UPSTAND)
HCC11/C/025	CONSERVATION KERB	KERB TYPE C03 (FLUSH)
HCC11/C/035	DETAIL OF BUS ACCESS KERBS	CHAIRWOOD ACCESS KERB
HCC11/C/045	FOOTWAYS TYPE 1A, 1B, 2 AND 3.	FOOTWAY TYPE 1B
HCC11/C/060	UNCONTROLLED PEDESTRIAN CROSSING INSTALLED IN NEW WORKS	TACTILE PAVING MODULE TYPE 2
HCC11/C/130	KERB, FOOTWAY & VEHICULAR VERGE CROSSING DETAILS FOR COMMERCIAL & INDUSTRIAL AREAS	SECTION B-B
HCC11/C/155	TRAFFIC SIGNALS POST FOUNDATIONS	FOUNDATION TYPE A
HCC11/C/195	BUS STOP LAYOUT DETAILS	-
HCC11/C/205	BUS STOP FLAG AND POLE	-
HCC11/M/025	CARRIAGEWAY HAUNCH REPAIR DETAIL	-
HCC11/M/030	CARRIAGEWAY REPAIR DETAIL	-
HCC11/C/180	END-MOUNTED TRAFFIC SIGNALS WITH PLAIN POST	-
HCC11/L/010	COLUMN TYPE IN TUBULAR STEEL, PLANNED COLUMNS	-
HCC11/L/035	PLANTED COLUMN ERECTION DETAILS FOR LOCATION IN PAVED AREAS	-
HCC11/L/040	PLANTED COLUMN ERECTION DETAILS FOR LOCATION IN UNPAVED AREAS	-
HCC11/L/030	EXTERNALLY ILLUMINATED SIGN MOUNTED ON STEEL POST AND FOUNDATION DETAILS	SINGLE POST ILLUMINATED SIGNS
HCC11/L/055	STREET LIGHTING DRAWING TYPE 2	-
HCC11/L/075	NUMBERING SPECIFICATION FOR ILLUMINATED FURNITURE MOUNTED IN FOOTWAYS	-
HCC11/T/770	POWER SUPPLY PILLAR FOR TRAFFIC SIGNALS, PEDESTRIAN CROSSING AND CCTV	-

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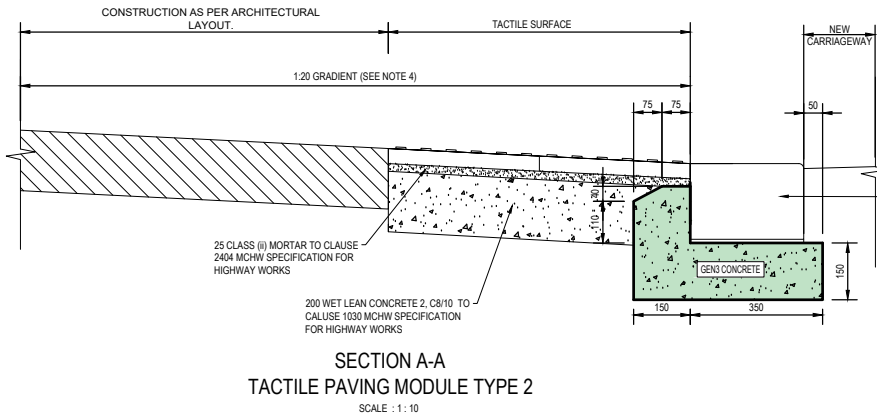
CDM REGULATIONS 2015
SIGNIFICANT OR NON-OBSVIOUS RISKS AND RISKS WHICH ARE DIFFICULT TO MANAGE ARE IDENTIFIED ON THIS DRAWING USING THE FOLLOWING SYMBOL IDENTIFIED TO THE RIGHT WITH BRIEF ACCOMPANYING TEXT. FOR FURTHER DETAILS OF THE RISKS IDENTIFIED BY DESIGNERS, REFERENCE SHOULD BE MADE TO CDM HAZARD REGISTER.



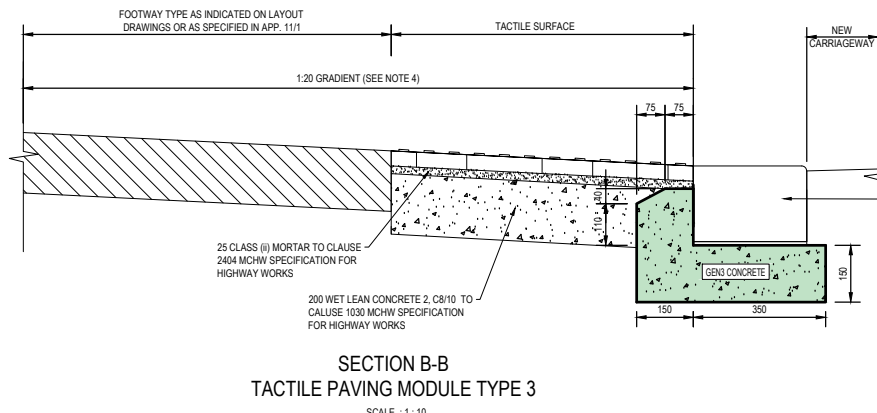
EXTERNAL REFERENCES:

THIS INFORMATION & RIDGE & PARTNERS LLP CIVILS 3D MODEL & ASSOCIATED 3D OUTPUTS ARE BASED UPON THE FOLLOWING INFORMATION FROM THE DESIGN TEAM

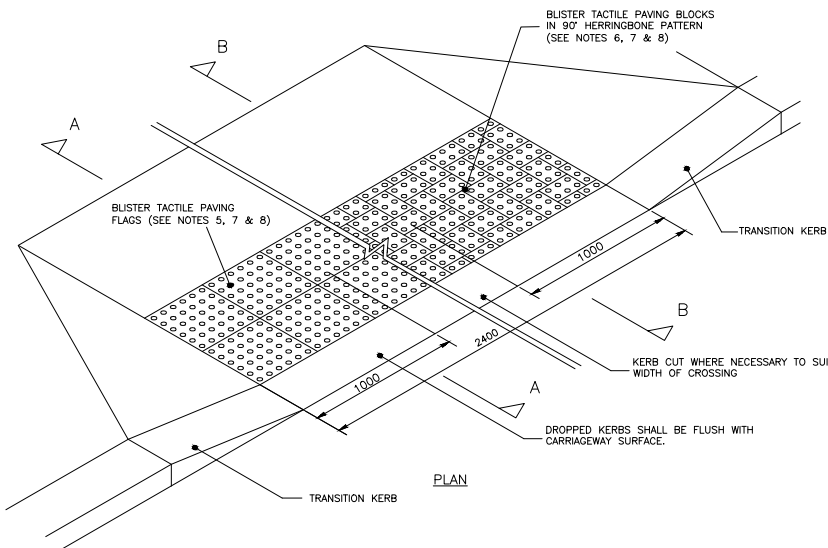
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THIS INFORMATION IS CURRENT PRIOR TO CONSTRUCTION



TACTILE PAVING MODULE TYPE 2
SCALE 1:10

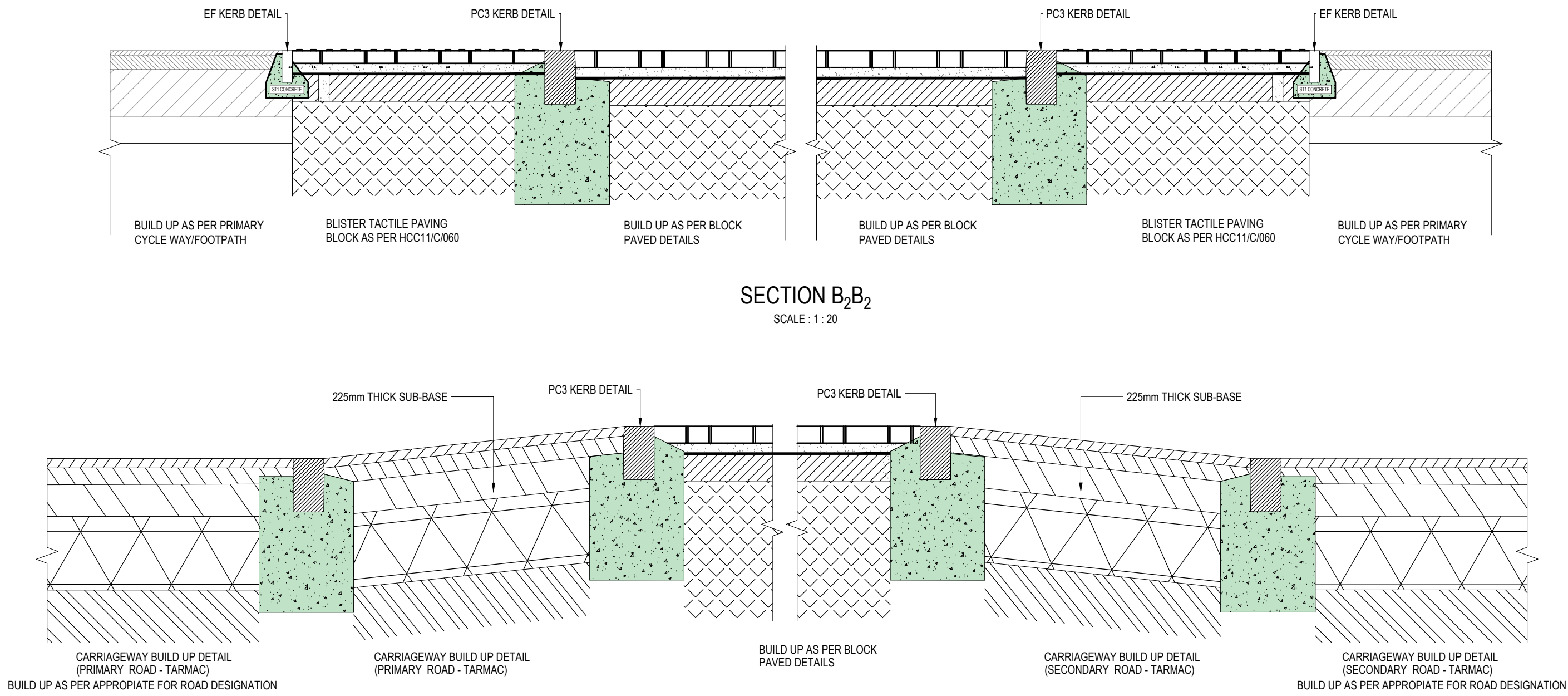


TACTILE PAVING MODULE TYPE 3
SCALE 1:10



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS.
- UNLESS OTHERWISE STATED THE WIDTH OF THE DROPPED CROSSING SHALL BE 2400 AS SHOWN ON THE DETAIL.
- KERBS MAY BE LAD AND BEDDED ON MORTAR OR LAD APPLIED ONTO THE CONCRETE BED.
- THE TOP OF THE KERB SHALL BE FINISHED BY THE OVERSEEING ORGANISATION.
- THE GRADIENT OF DROPPED CROSSING SHALL BE 1 IN 20, BUT OVERSEEING ORGANISATION WILL DETERMINE THE RESIDUE GRADIENT ON SITE PRIOR TO CONSTRUCTION.
- UNLESS STATED ON LAYOUT DRAWING TACTILE PAVING SHALL BE BUTT JOINTED BLISTER TACTILE PAVING MODULE TYPE 2, 400 x 400 x 40. TWO MANUFACTURES TO BE ON 1538 AND 10 COLOURS TO BE ON 1538.
- AT LOCATIONS WHERE THE TACTILE PAVING MAY BE OVERLAPPED BY NEAR JOINTED MODULE TYPE 2, 200 x 155 x 40 THICK BUTT JOINTED CONCRETE TACTILE PAVING BLOCKS TO BS EN 1338 ARE TO BE USED. TACTILE PAVING SHALL BE USED, LAD & BED OVERSEERING SYSTEM TO THE OVERSEEING ORGANISATION.
- ONLY ONE MODULE TYPE SHALL BE USED WITHIN A SERVICE COVER OR WHERE AN IN-FALL COVER CANNOT BE USED OR IS NOT PERMITTED BY THE OVERSEEING ORGANISATION. THE OVERSEEING ORGANISATION SHALL APPLY 'STICK-ON' TILES TO THE SURFACE OF THE TACTILE PAVING TO MATCH THE OVERSEEING TACTILE PAVING PATTERN, ORIENTATION AND COLOUR SHALL BE AS SPECIFIED BY VISUAL OVERSEEING SYSTEM.
- UNLESS OTHERWISE STATED BLISTER TACTILE PAVING SHALL BE BUTT COLOURED.
- THE SURFACE LEVEL OF THE DROPPED KERBS AND AT LEAST 5 FULL HEIGHT KERBS EITHER SIDE SHALL NOT EXCEED FROM THE DESIGN LEVEL.
- WHERE A SERVICE COVER OCCURS WITHIN AN AREA OF TACTILE PAVING, AND WHERE AN IN-FALL COVER CANNOT BE USED OR IS NOT PERMITTED BY THE OVERSEEING ORGANISATION, THE OVERSEEING ORGANISATION SHALL APPLY 'STICK-ON' TILES TO THE SURFACE OF THE TACTILE PAVING TO MATCH THE OVERSEEING TACTILE PAVING PATTERN, ORIENTATION AND COLOUR SHALL BE AS SPECIFIED BY VISUAL OVERSEEING SYSTEM.
- UNLESS OTHERWISE STATED BLISTER TACTILE PAVING SHALL BE BUTT COLOURED.
- THE SURFACE LEVEL OF THE DROPPED KERBS AND AT LEAST 5 FULL HEIGHT KERBS EITHER SIDE SHALL NOT EXCEED FROM THE DESIGN LEVEL.



SECTION B₂B₂
SCALE : 1 : 20

SECTION C₂C₂
SCALE : 1 : 20

P05 DRAWING UPDATED TO FOR APPROVAL	20/11/2025	JF
P04 TRIEF KERB DETAIL ADDED	27/10/2025	PJ
P03 SECTION A-A REMOVED	09/07/2025	PJ
P02 UPDATED CONSTRUCTION DETAILS	10/10/2024	PO
P01 INITIAL ISSUE	30/08/2024	CL
REV DESCRIPTION	DATE	DRAWN

ORIGINATOR:

RIDGE

1 ROYAL COURT
KINGS WORTHY
WINCHESTER
SO23 7TW

TEL: 01962 834400

WWW.RIDGE.CO.UK

CLIENT:

EASTLEIGH
BOROUGH COUNCIL

IN ASSOCIATION WITH:

PROJECT:
ONE HORTON HEATH
SITE WIDE
INFRASTRUCTURE DELIVERY

TITLE:
EXTERNAL WORKS
CONSTRUCTION DETAILS
SHEET 2

TECH: CL
SCALE: AS SHOWN @ A1
INITIAL ISSUE: 30/08/2024

STATUS:

FOR APPROVAL

DRAWING No:	PROJECT:	ORG:	ZONE:	LEVEL:	TYPE:	ROLE:	NUMBER:	REV:
5018551	RDG	Z02	ST	DR	C	1151	P05	