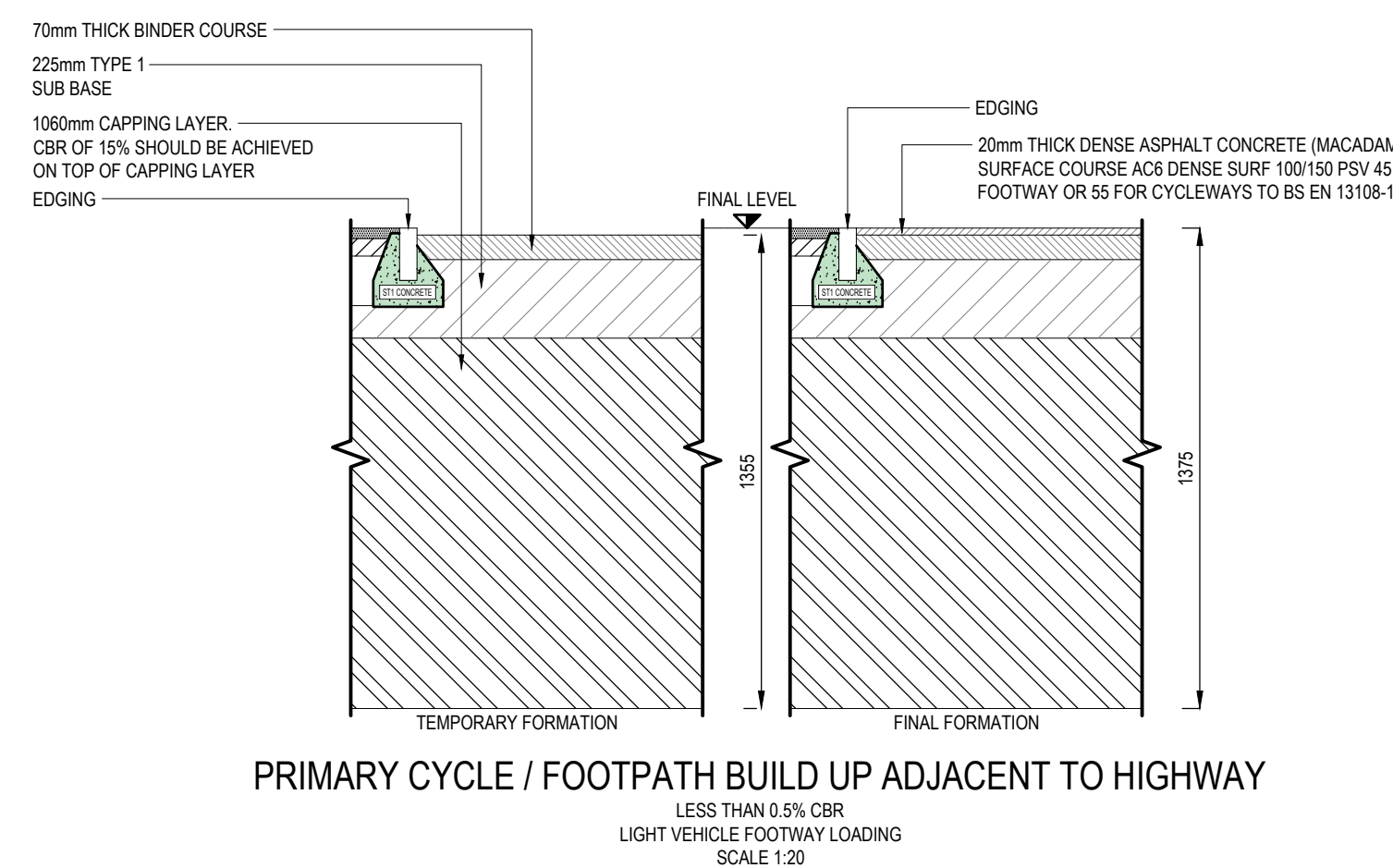
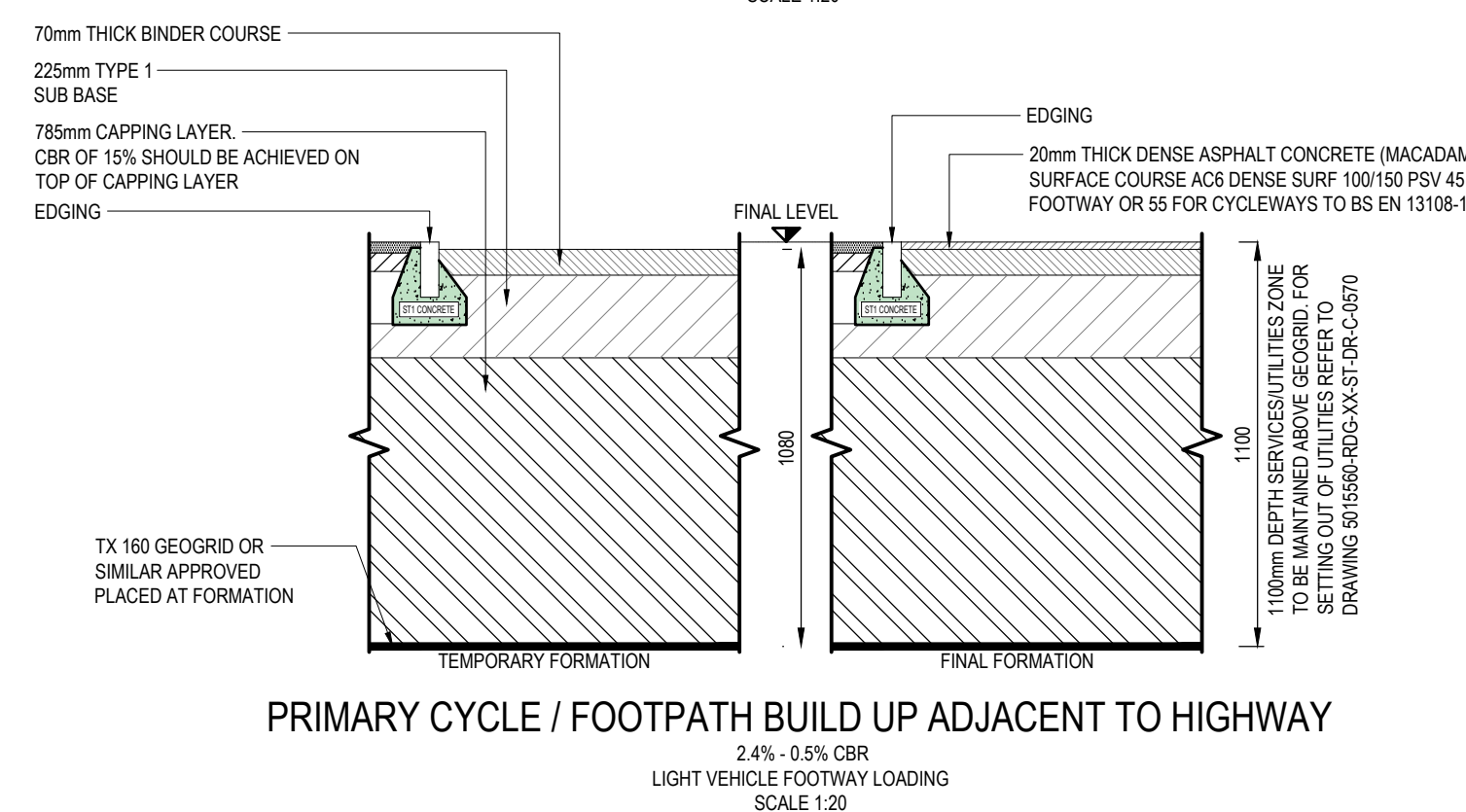
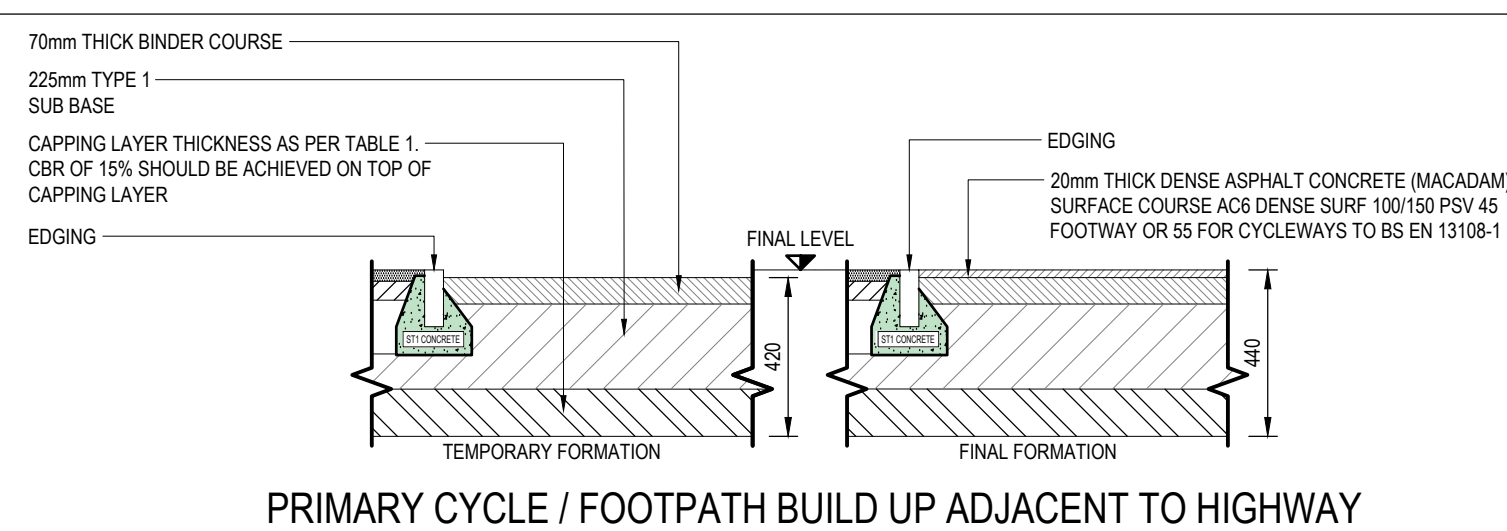
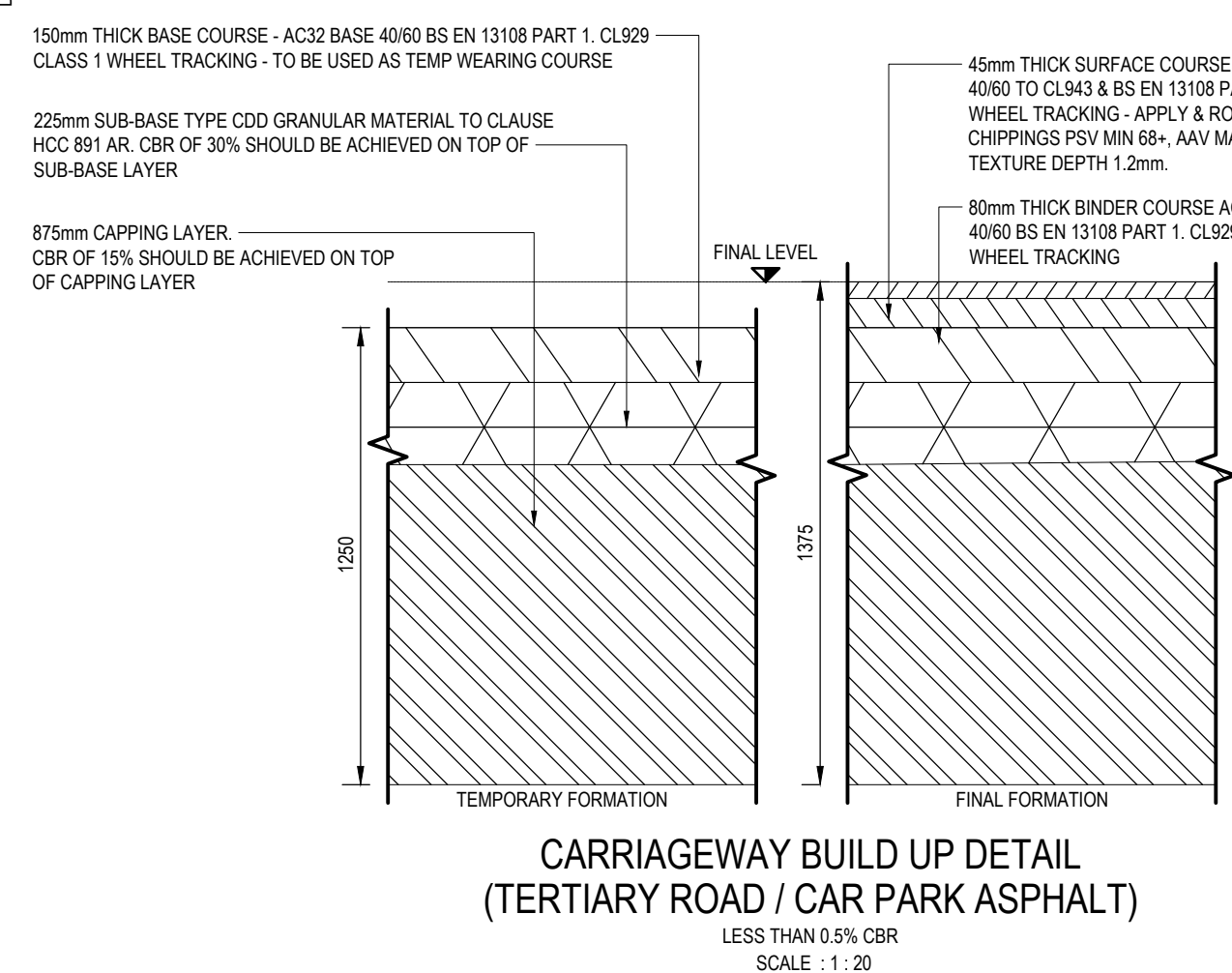
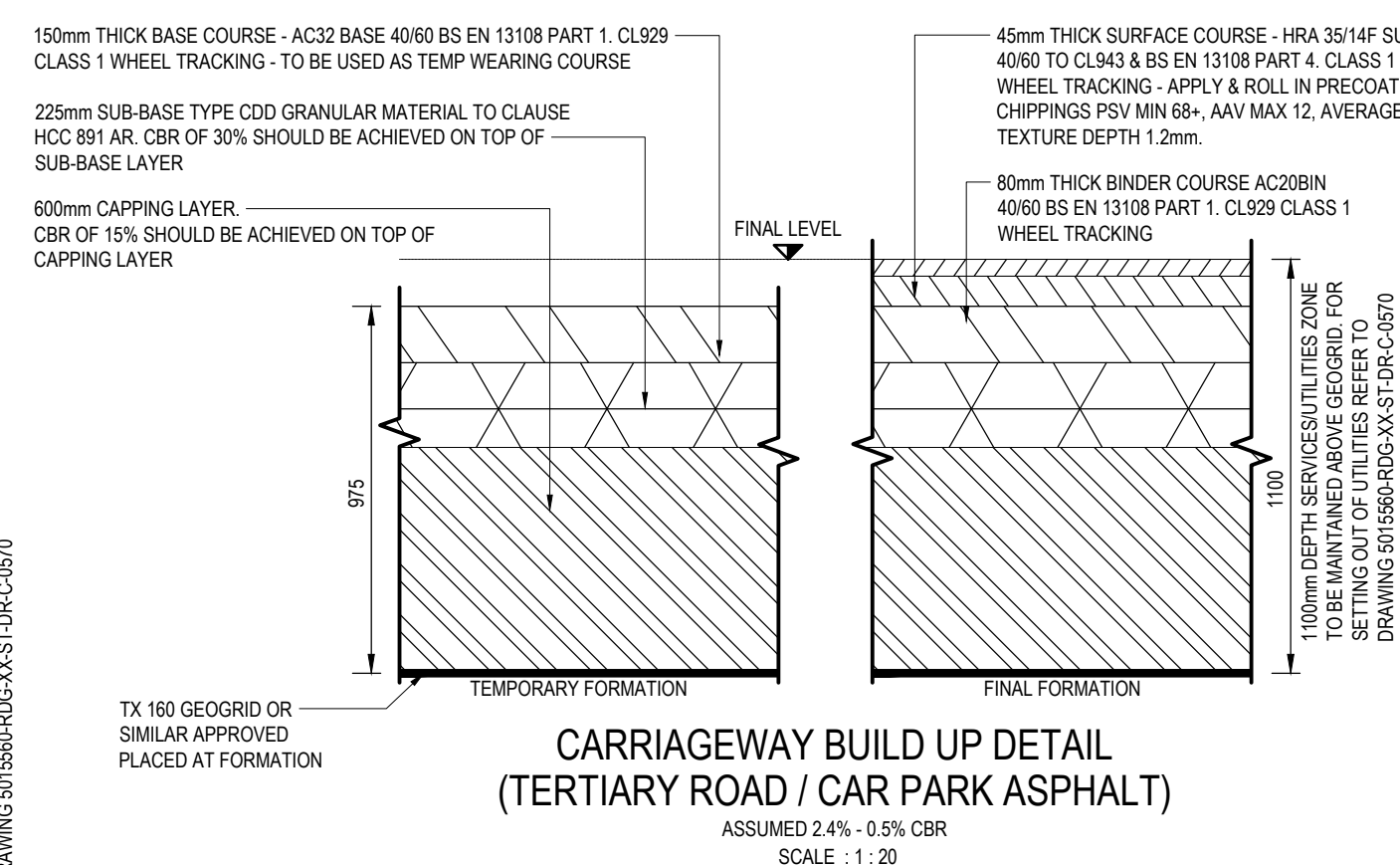
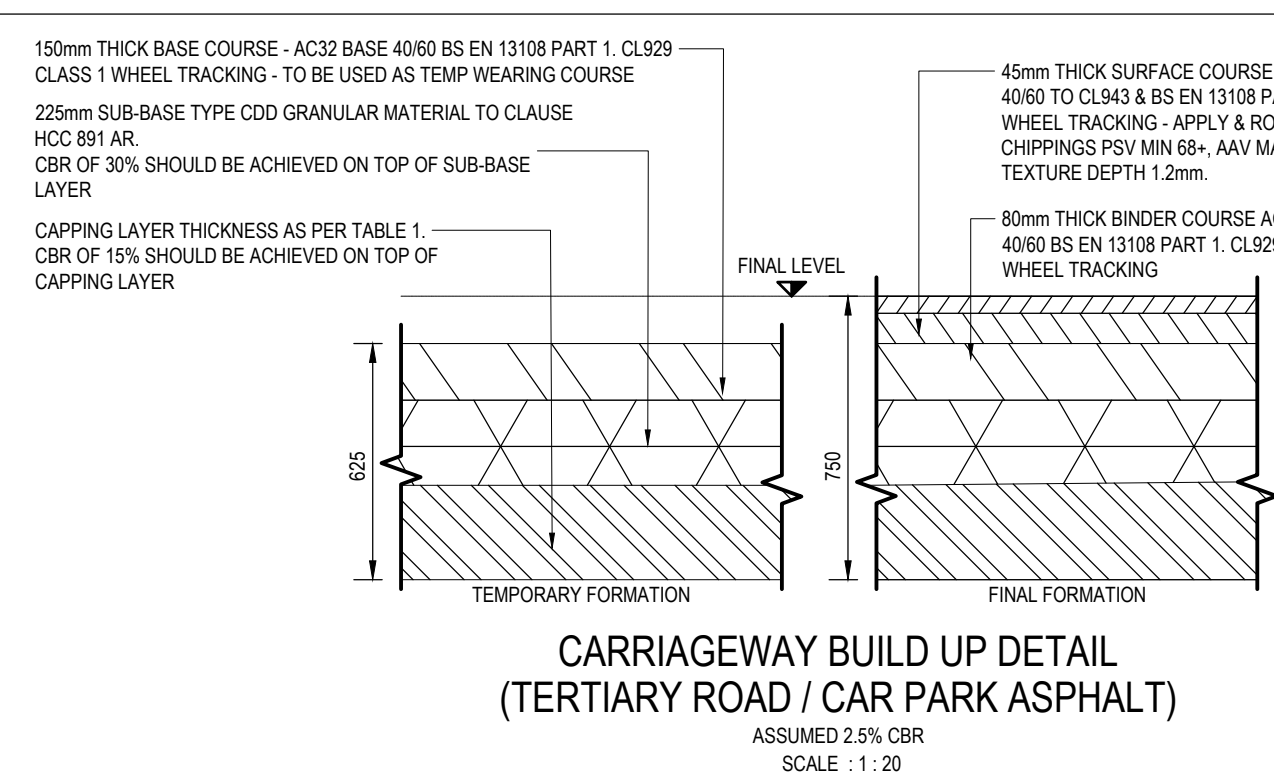
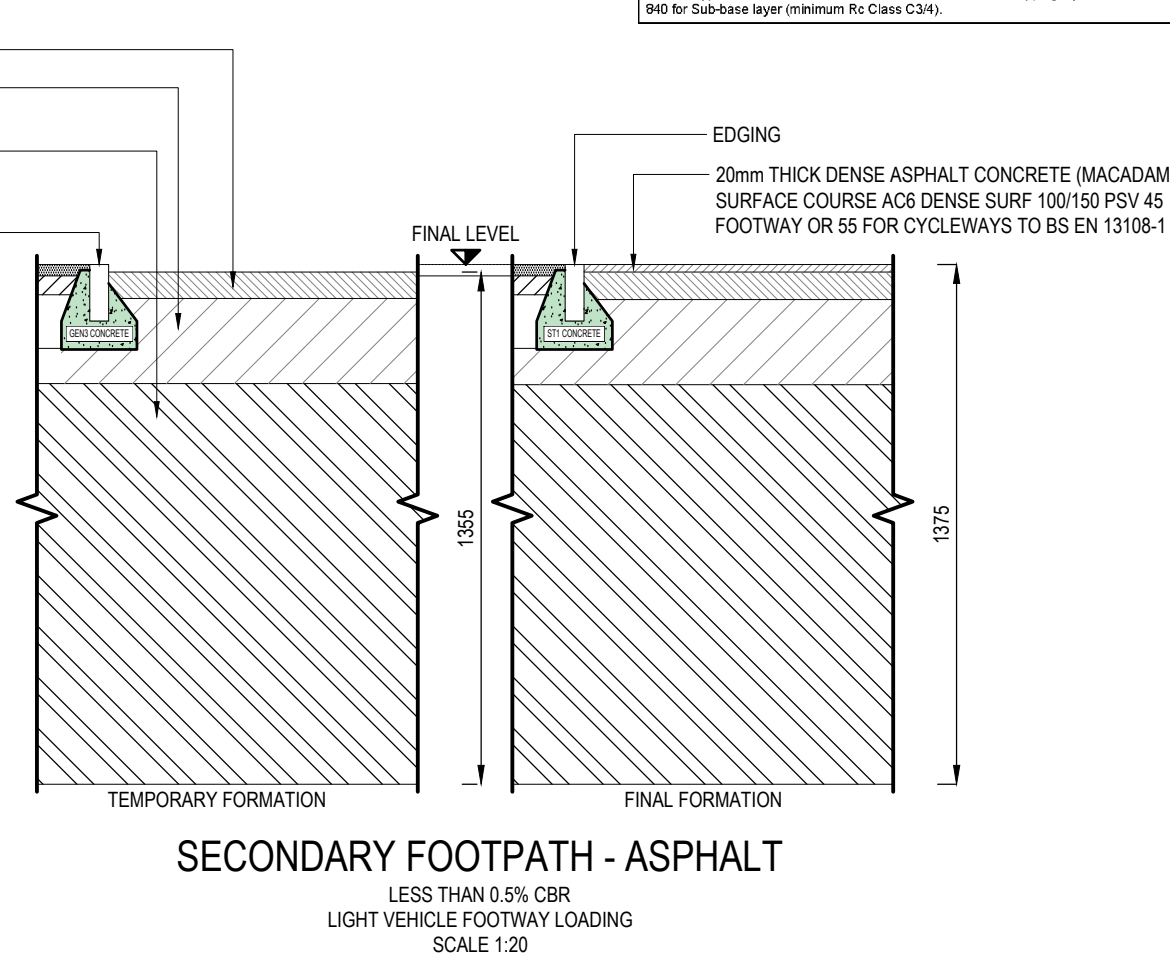
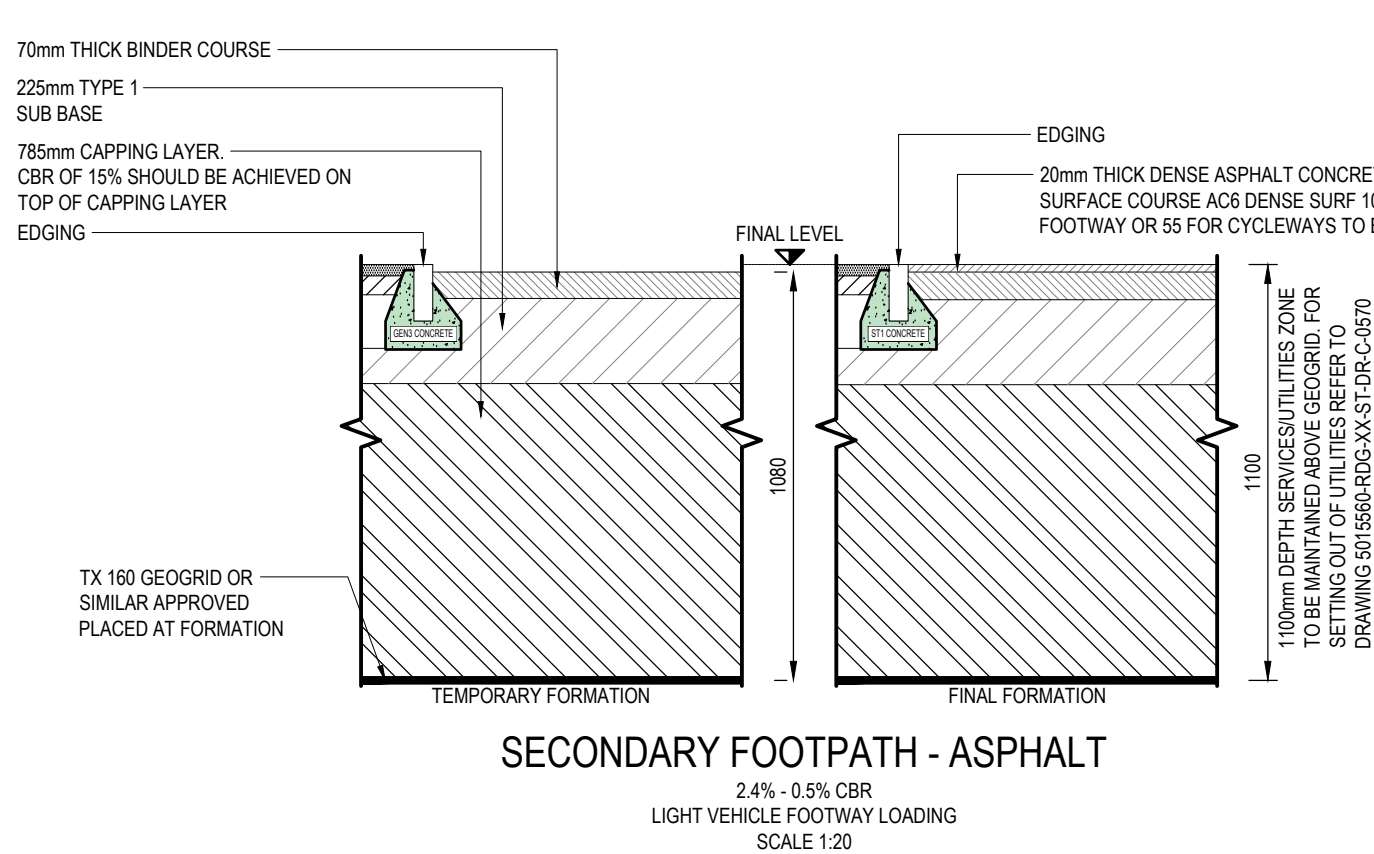
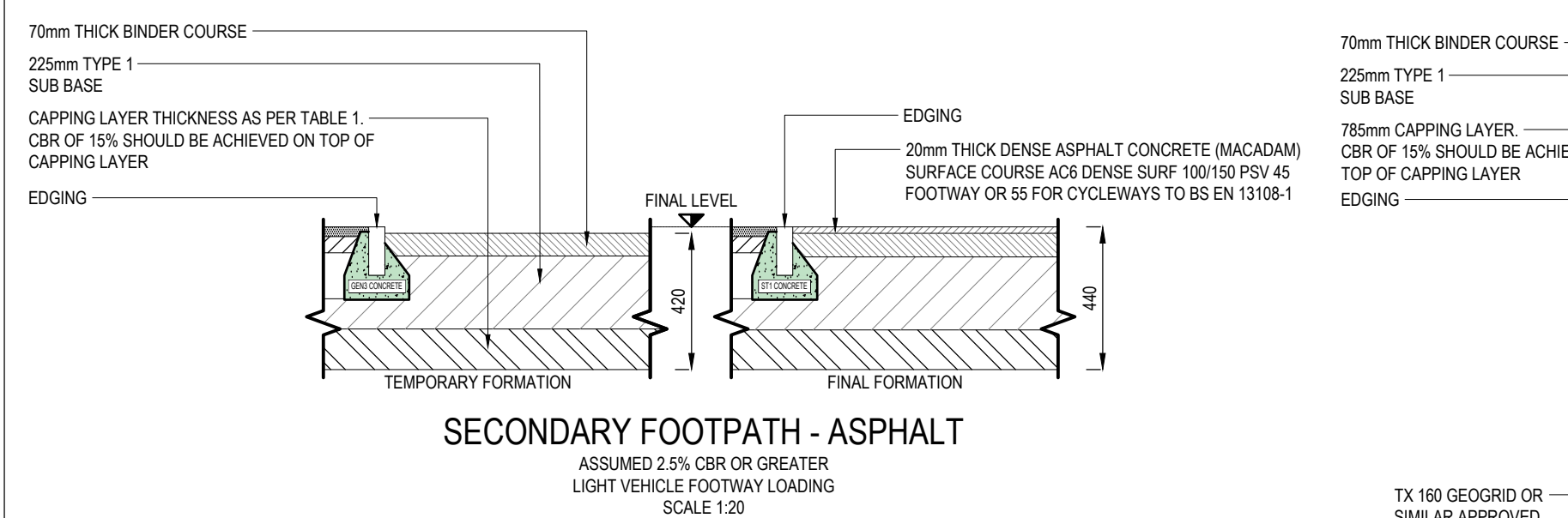
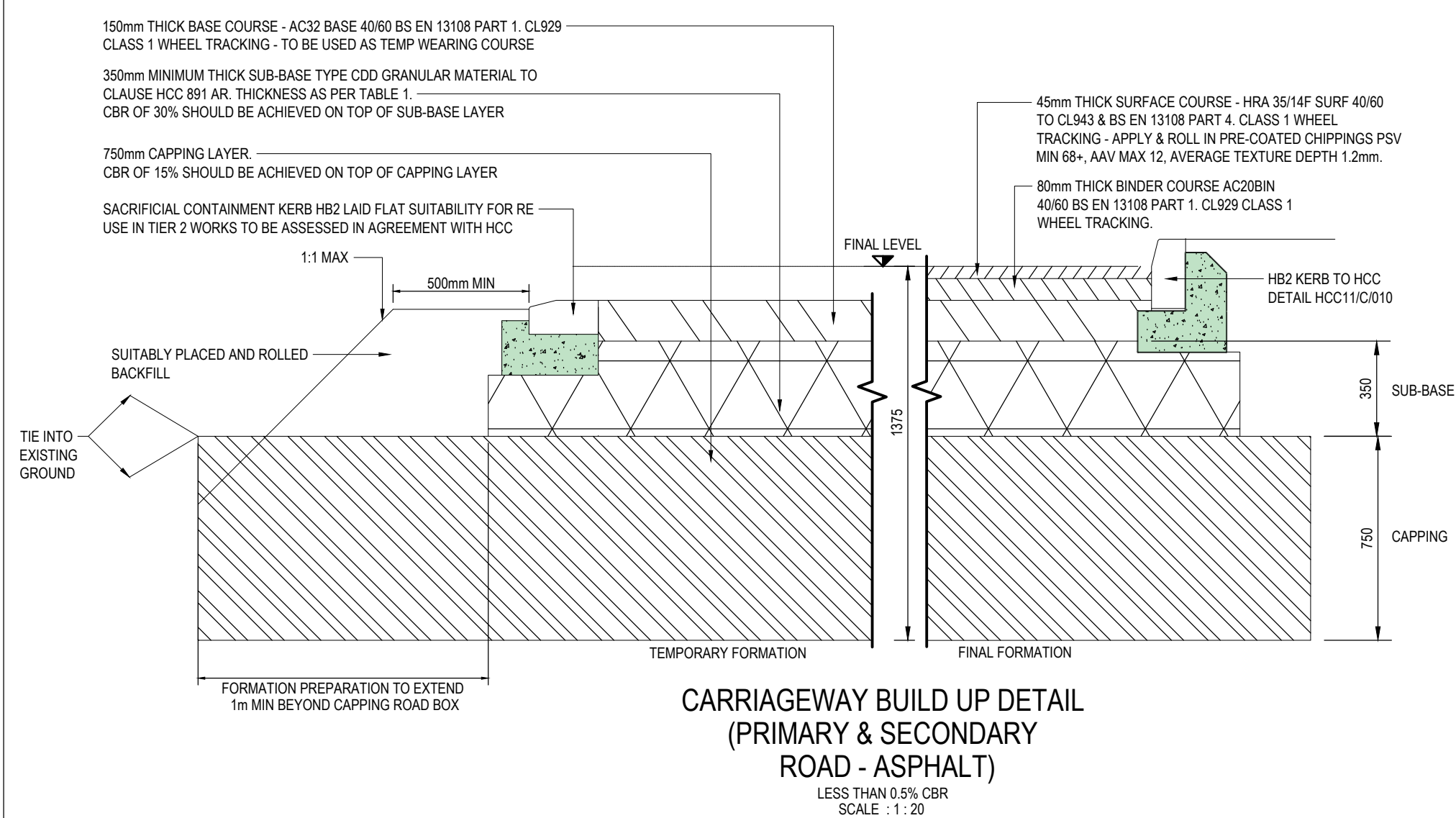
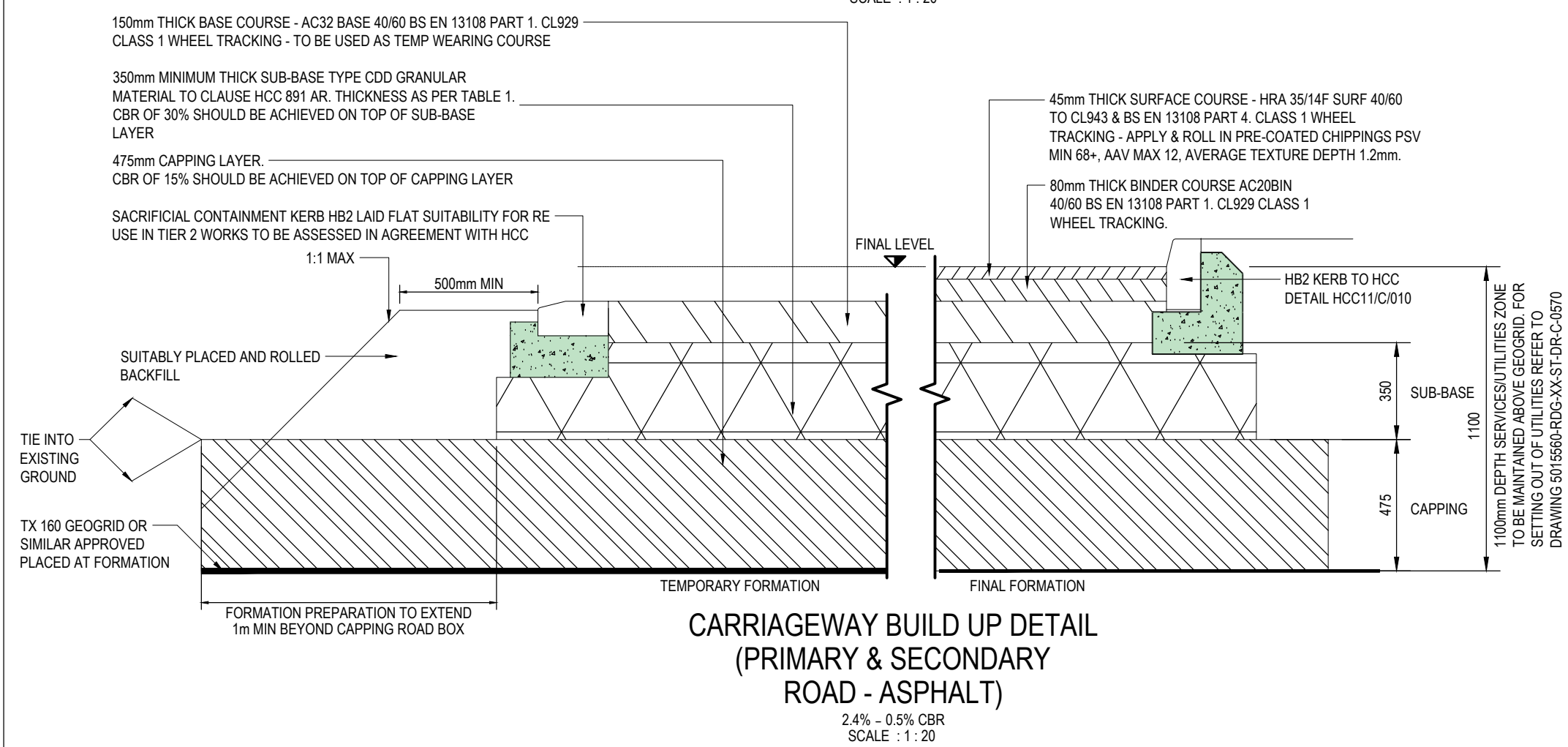
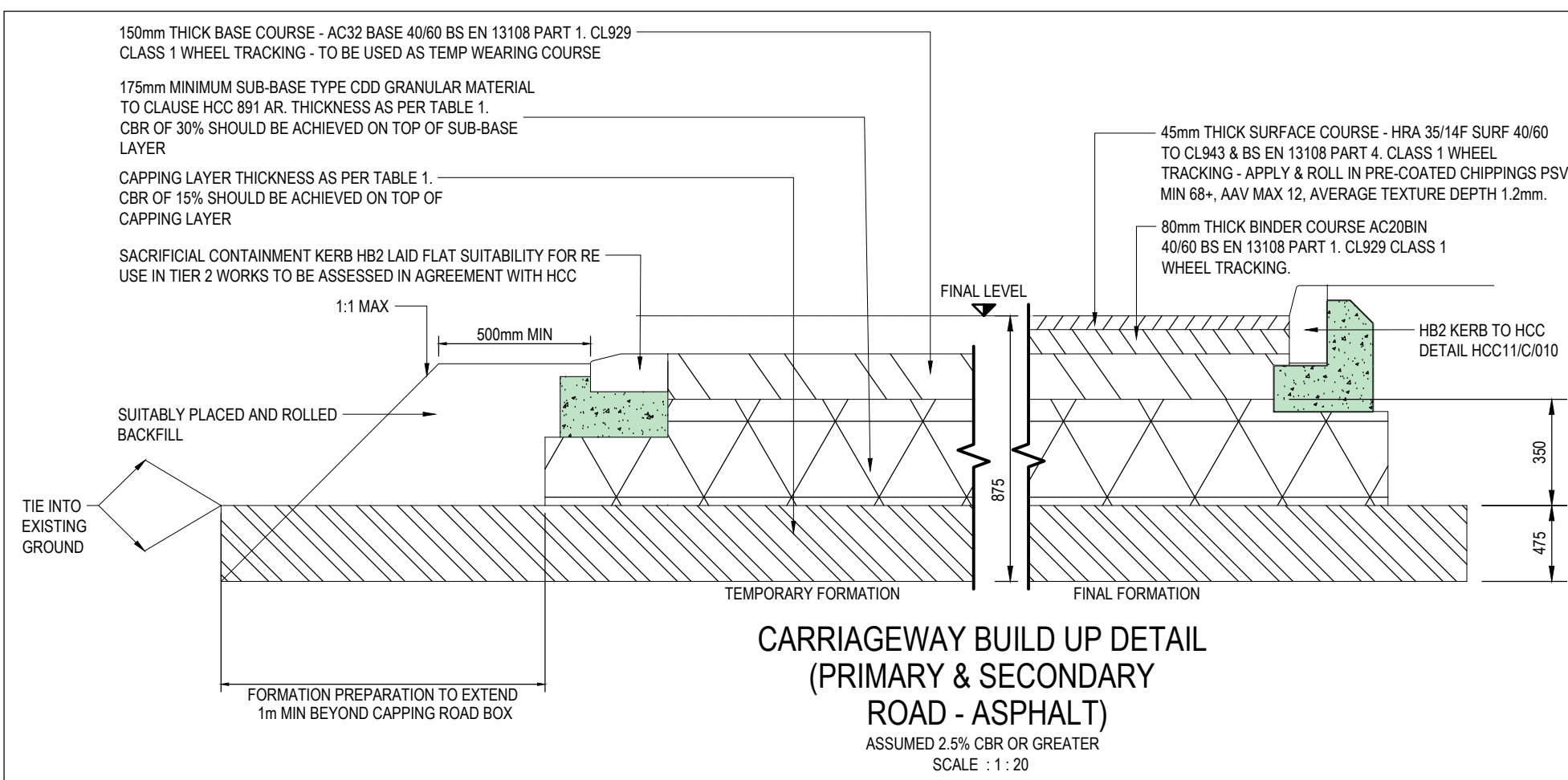




ROAD FORMATION (mm)		Foundation Class 1		Foundation Class 2		Foundation Class 3	
CBR value of subgrade (%)	Subgrade modulus (MPa)	Type 1 base	BT1682 Course	Type 1 base	BT1682 Course	Type 1 base	BT1682 Course
Media (MPa)		Special Design		Special Design		Special Design	
< 2	2.5	320	N/A	240	420	320	420
3	3.6	N/A	N/A	230	380	310	380
4	4.3	N/A	N/A	220	320	260	320
5	4.9	N/A	N/A	200	250	270	250
6	5.6	N/A	N/A	180	200	240	200
7	6.5	-	350	170	230	230	230
8	6.7	-	320	175	215	240	210
9	7.2	-	280	175	210	230	210
10	7.7	-	260	175	200	210	180
12	10.0	-	240	170	200	200	180
15	12.5	-	200	170	150	180	150
15 or >	160.0	-	200	170	150	180	150

NOTES
Foundation Class 1 cannot be used on roads with traffic loading greater than 20 msd
Values of material thickness for Foundation Class 1 based upon Figure 3.17 of DMRB CD 225 Design for New Permanent 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 Permanent 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 Permanent Foundations. (Rev 1 – Apr 2020)
Material type to be used for Class 1 shall be MCHW113 for capping layer.
Material type to be used for Class 2 shall be MCHW 613 for capping layer & MCHW 603, B4, 606 or 607 for Sub-base layer.
Material type to be used for Class 3 shall be MCHW 613 for capping layer & MCHW112, 622, 606 or 640 for Sub-base layer (minimum for Class C34)

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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

P03	DRAWING UPDATED TO FOR APPROVAL	20/11/2025	JF
P02	UPDATED CONSTRUCTION DETAILS	10/10/2024	PO
P01	INITIAL ISSUE	30/08/2024	CL
REV	DESCRIPTION	DATE	DRAWN
ORIGINATOR:			

ORIGINATOR	
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EASTLEIGH
BOROUGH COUNCIL

IN ASSOCIATION WITH:

PROJECT:
ONE HORTON HEATH
SITE WIDE
INFRASTRUCTURE DELIVERY

TITLE:
EXTERNAL WORKS
CONSTRUCTION DETAILS
SHEET 1

TECH: CL	CSE: Chris Levitt I have reviewed this document 20.11.2025 <i>Chris</i>	ICSE: Tom Clark I have reviewed this document <i>Tom</i>	SCALE: AS SHOWN @ A1
INITIAL ISSUE:			30/08/2024

STATUS: **FOR APPROVAL**

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