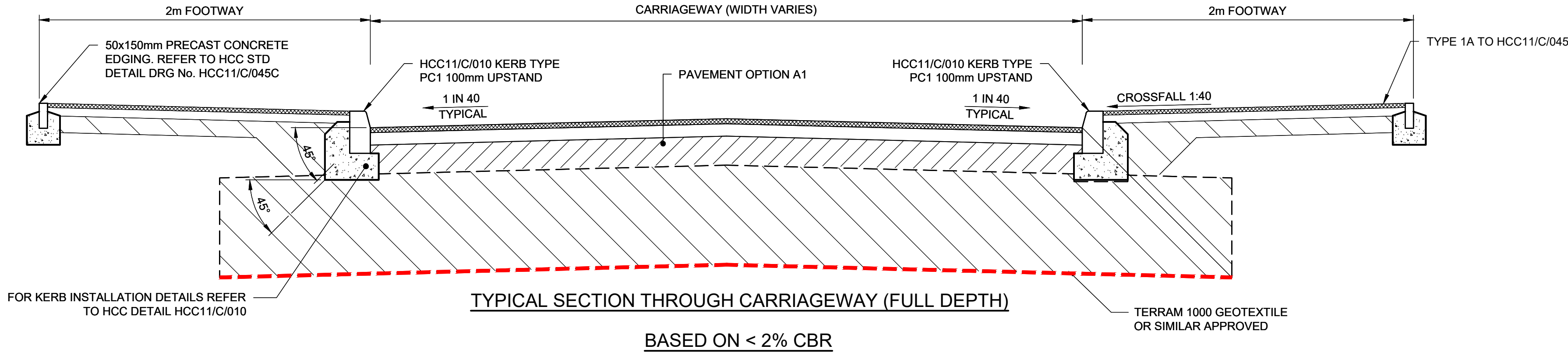
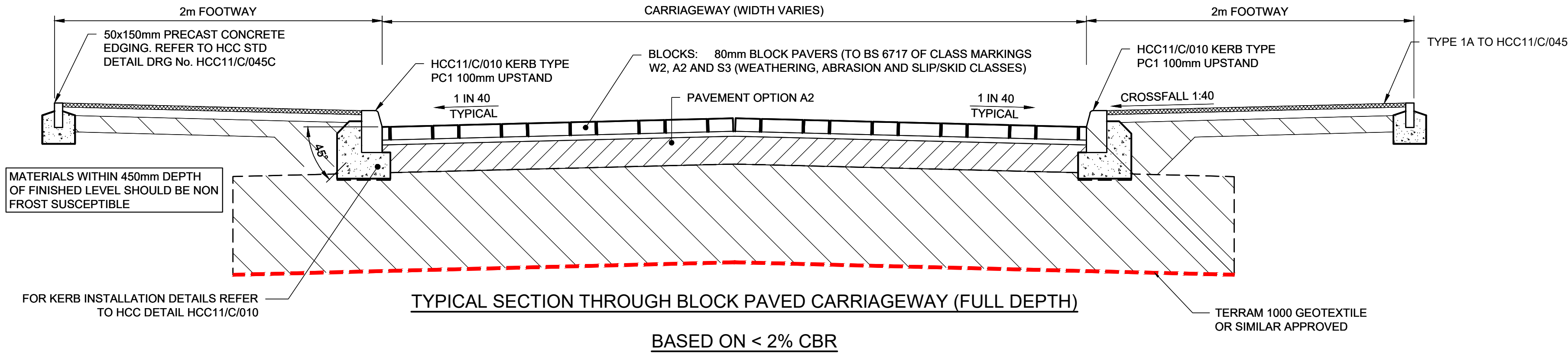


SCHEDULE 1: GENERAL REQUIREMENTS - PAVEMENT TREATMENT		
Grid for checking surface levels of pavement courses [702.4]	Longitudinal Dimension	10m max
	Transverse Dimension:	2m max
Surface regularity [702.5, TABLE 7/2]	Category of Road:	A
Interval for measurements of longitudinal regularity		Continuous
Interval for measurements of transverse regularity		20mm
Whether measurement of surface texture is required [921.2]		Yes
Average: 1.2mm; Maximum: 1.5mm; Minimum: 0.90mm		

SCHEDULE 2: PERMITTED CONSTRUCTION MATERIALS				
	Pavement type A1		Pavement type A2	
Pavement Layer	Material Ref.	Thickness (mm)	Material Ref.	Thickness (mm)
Surface course	SC.HRA	45	SC.BLK	80
Binder course	BC.AC	65	LC.AGR	30
Base	RB.AC	160	RB.AC	160
Subbase	SB	150	SB	200
Capping	6F5	600	6F5	600

SCHEDULE 3: General Requirements for Construction Materials	
Clause	Requirement
801.2	Limited distance for deposition of unbound mixtures referred to in sub clause 801.2
801.3	Limited distance for deposition of unbound mixtures referred to in sub clause 801.3
802.14	Thickness of compacted sub-base layer required for trafficking trial, to be specified in Schedule 2
801.7	All sub-base material shall comply with sub-clause 801.7
901.2	Requirements for hardness, durability and cleanness of aggregates shall comply with sub-clause 901.2
901.19	The compaction level of base and binder course macadam's shall comply with sub-clause 901.19
903.27	A minimum PSV ₈₀ is required for a temporary running surface
924SR	Surfaces to which non-thermoplastic type 1 materials are to be applied shall be trafficked for at least 3 weeks and deemed suitable by the contractor prior to application. 'Slippery Road Surface Ahead' Signs to TSRGD Diagram No. 557 shall be erected at each site until the type 1 material has been applied.

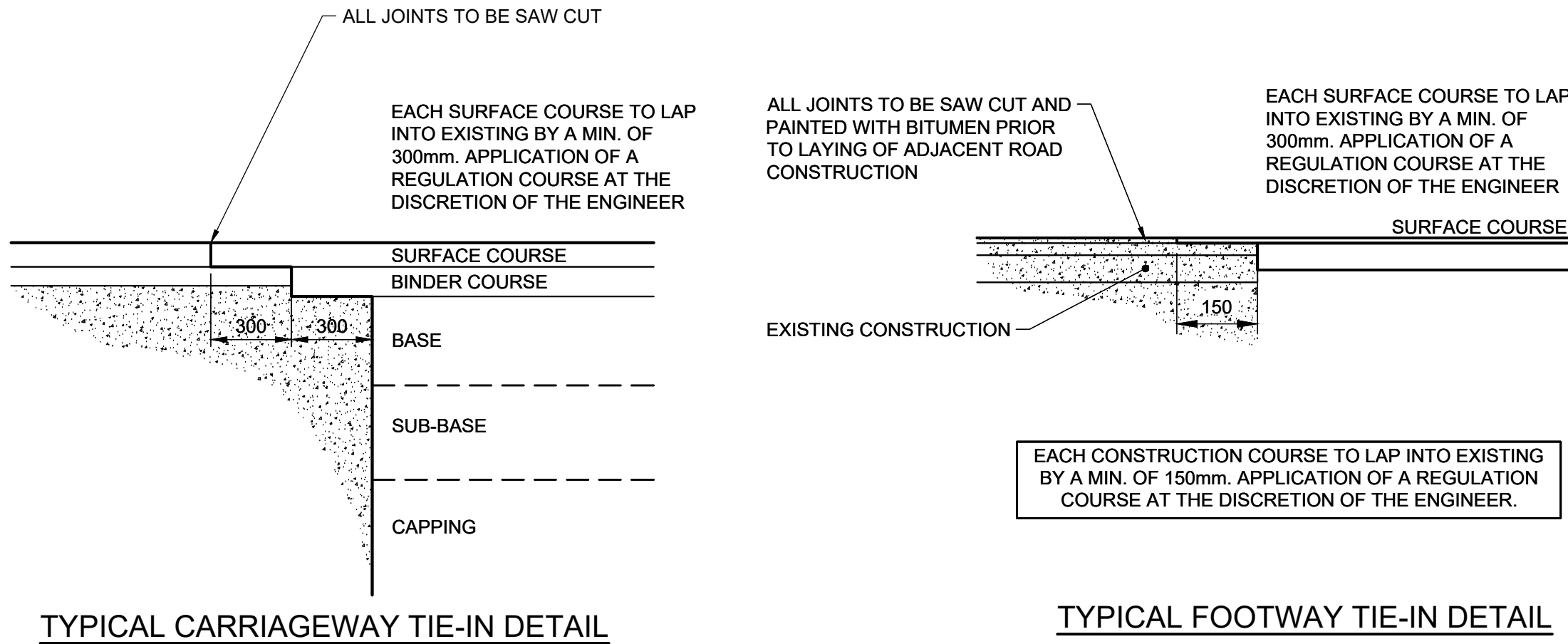
SCHEDULE 4: Requirements for Construction Materials			
Material Ref.	Clause	Description	Requirement
SB	891AR	Granular Sub-base Material Type 1	
	948SR	Cold Recycled Bituminous Bound Material	Min. Indirect Tensile Stiffness Modulus (ITSM) Dry : 2500Mpa mean value Soaked :2000Mpa mean value Minimum added bitumen content = 3% Compaction = 95% min PRD
RB.AC	948SR	Cold Recycled Bituminous Bound Material	Min. Indirect Tensile Stiffness Modulus (ITSM) Dry: Individual Value =2000MPa Mean Value=2500MPa Min. Indirect Tensile Stiffness Modulus (ITSM) water saturated: Individual Value =1500MPa Mean Value=2000MPa Minimum added bitumen content = 3% Compaction =93% min PRD
BC.AC	929	Dense Binder Course Asphalt Concrete (Design Mixes)	BS EN 13108-1, PD 6691, BS 594987 AC 20 dense bin 40/60 DES Clause 945 applies. Binder Grade : 40/60 Aggregate Size : 20 Wheel-tracking in accordance with BS 598-110 45°C Wheel-tracking criteria applies: Max. Wheel-tracking rate = 2mm/hr Max. Rut Depth = 4mm Coarse Aggregate to be crushed rock or slag. Fine Aggregate to exclude natural sand fines.
SC.HRA	943	Hot Rolled Asphalt	BS EN 13108-4, PD 6691, BS 594987 HRA 30/14F surf des Min Delivered Temp 165°C Max Wind Speed km/hr: 40 km/hr Min Laying Air Temp: 0°C Course Aggregate percentage: Course aggregate to be crushed rock or slag, excluding limestone. Min PSV = 50 Aggregate Grading BS EN 13208-4 Table 4 Column No. 30/14F Min target Binder Content Bact - 7.0% Min Stability of 7 kN (across the whole of the + or - 0.6% bir. content tolerance) determined in accordance with annex H of BS 594987. Coated Chippings Nominal Size 14/20mm Max flow: 5mm Min PSV: 65 Max AAV: 12
LC AGR		Graded aggregate laying course	Laying course category II. to BS 7533-3 table D.1 Grading to table D.2 Fines content category f1.5 to BS EN 12620. Compactor details to table F.1 site category II



Subgrade	Capping Layer Thickness	Sub-Base Thickness
CBR >5% - 15%	-	225mm
CBR 2% - 5%	350mm	150mm
CBR Less than 2%*	600mm	150mm

THE CONSTRUCTION MAKE UP IS TO BE BASED UPON CBR TESTING AT FORMATION LEVEL OF ROAD CONSTRUCTION.

HAMPSHIRE COUNTY COUNCIL STANDARD DETAILS TO BE REFERRED TO THROUGH THE CONSTRUCTION	
DRAWING NO:	TITLE
HCC11/C/010	PRECAST CONCRETE KERB
HCC11/D/045	FOOTWAYS TYPE 1A



- ## NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MANUAL FOR CONSTRUCTION DRAWINGS, VOLUME 1, SPECIFICATION FOR HIGHWAY WORKS, HAMPSHIRE COUNTY COUNCIL SPECIFICATION, CODE FOR ADOPTION AND ALL OTHER RELATED DRAWINGS ISSUED.
 2. IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
 3. CONTRACTOR TO CONFIRM THE CBR VALUES TO INFORM CONSTRUCTION THICKNESSES.
 4. CAPPING AND SUB-BASE AS PER TABLES ON THIS DRAWING.
 5. PERMITTED CLASSES OF CAPPING LAYERING MATERIAL ARE 6F1.
 6. IN CUTTINGS AND EMBANKMENTS THE PROCEDURE TO BE ADOPTED FOR CONSTRUCTION OF CAPPING IS AS SET OUT IN CLAUSES 613.11 AND 613.12 RESPECTIVELY.
 7. THE CONTRACTOR, WHEN REQUESTED BY THE OVERSEEING ORGANISATION, SHALL DEMONSTRATE THE METHODS, EQUIPMENT AND MATERIALS HE INTENDS TO USE IN THE PREPARATION AND SURFACE TREATMENT OF THE SUB-FORMATION AND FORMATION IN AREAS SPECIFIED BY THE OVERSEEING ORGANISATION.
 8. FOR TOPSOIL AND SEEDING SPECIFICATION THE CONTRACTOR SHALL CLARIFY THE SPECIFICATIONS SHOWN ON THIS DRAWING AGAINST THE LATEST DETAILS ISSUED BY THE LANDSCAPE ARCHITECT. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 9. MATERIALS WITHIN 450mm DEPTH OF FINISHED LEVEL SHOULD BE NON-FROST SUSCEPTIBLE.
 10. COMPACTION OF ALL BITUMINOUS MATERIAL SHALL CONFORM TO BS EN 594897.
 11. ALL BLACKTOP SURFACING TO BE LAID BY EXPERIENCED CONTRACTOR.
 12. MATERIAL TEST CERTIFICATES TO BE PROVIDED TO THE ENGINEER IF REQUESTED.
 13. ANY SOFT SPOTS ARE TO BE REMOVED AND REPLACED WITH A FILL MATERIAL. THE MATERIAL IS TO BE PLACED AND COMPACTED IN ACCORDANCE WITH CLAUSES 608 AND 612. EACH LAYER TO BE FULLY COMPACTED AND CONFIRMED AS BEING STABLE BEFORE ANY FURTHER LAYER IS PLACED.
 14. DIP MEASUREMENT FOR THICKNESS OF SURFACING SHALL BE MADE AVAILABLE TO ENGINEER ON REQUEST.
 15. CERTIFICATION SHALL BE PROVIDED OF DELIVERY TEMPERATURES, ROLLING TEMPERATURE AND LOCATION.

TENDER
ISSUE

Rev	Amendments	Dm	Chk	App	Date
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Job Title

BOORLEY GARDENS
PHASE 3

Drawing Title
HIGHWAY CONSTRUCTION DETAILS

Client **Bellway**

Scale NTS @A1	Date DEC 24	Designed SOM	
Drawn TB	Checked RM	Approved LH	
Job No 22-190	Drawing No 22-190/309		Rev