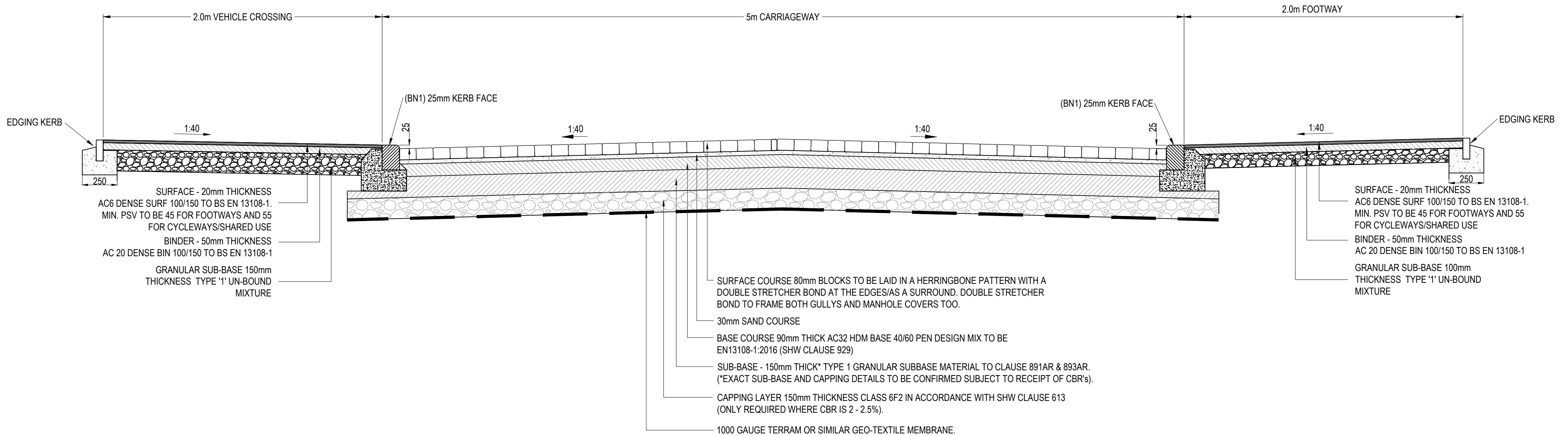
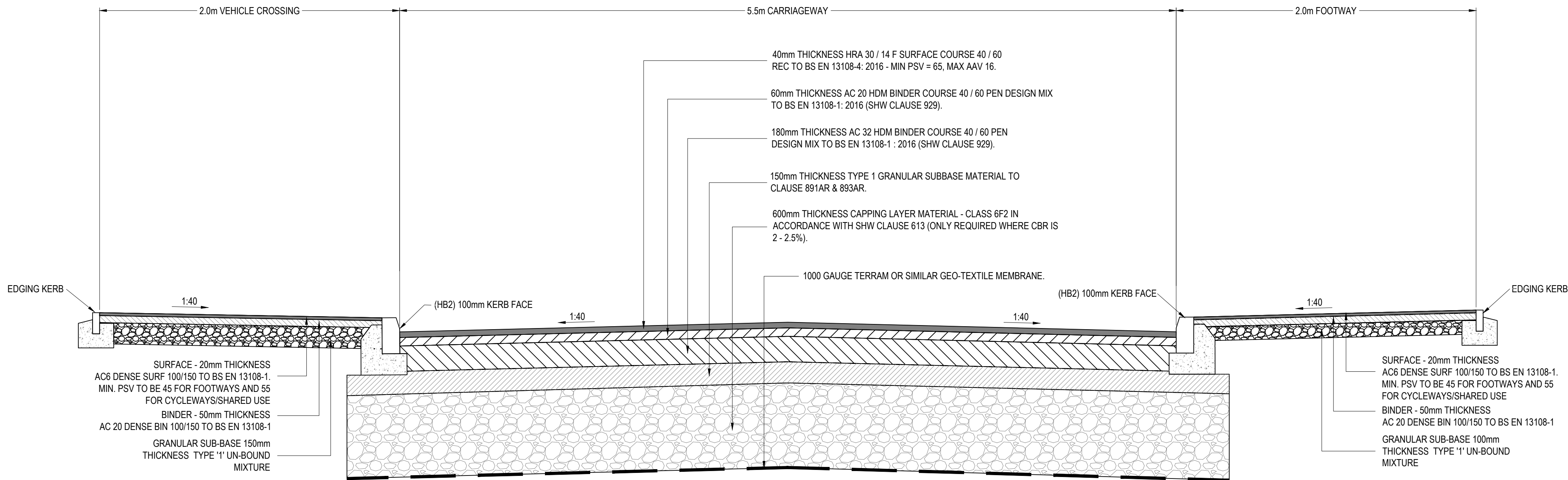




TYPICAL BLOCK PAVED HIGHWAY CONSTRUCTION DETAIL

SCALE 1:20

CBR TESTING TO BE UNDERTAKEN IN LINE WITH LOCAL HIGHWAYS AUTHORITY REQUIREMENTS. SUB-BASE AND CAPPING LAYERS TO BE ADJUSTED TO SUIT CBR. CAPPING LAYER NOT SHOWN.



TYPICAL 5.5m WIDTH CARRIAGEWAY CONSTRUCTION DETAIL

SCALE 1:20

NOTES:

1. ALL ADOPTABLE ROAD WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE HIGHWAY AUTHORITIES RECOMMENDATIONS AND SPECIFICATIONS.
2. ALL CLAUSE NUMBERS BELOW RELATE TO THE DEPT FOR TRANSPORT'S SPECIFICATION FOR HIGHWAY WORKS.
3. PREPARATION AND SURFACE TREATMENT OF FORMATION SHALL BE IN ACCORDANCE WITH CL. 616
4. GENERAL REQUIREMENTS FOR ROAD PAVEMENTS SHALL BE IN ACCORDANCE WITH CLAUSES 701 TO 707 INCLUSIVE.
5. ALL BITUMEN MACADAM SHALL BE IN ACCORDANCE WITH B.S.4987
6. ALL BITUMINOUS BOUND MATERIALS SHALL BE TRANSPORTED, LAID AND COMPACTED IN ACCORDANCE WITH CL. 901
7. GRANULAR TYPE 1 SUB BASE SHALL BE IN ACCORDANCE WITH CL. 803 WITH CL. 802
8. LAYING AND COMPACTION OF SUB BASE SHALL BE IN ACCORDANCE WITH CL. 802
9. BASE SHALL BE DENSE MACADAM IN ACCORDANCE WITH CL. 903
10. BINDER COURSE SHALL BE DENSE BITUMEN MACADAM IN ACCORDANCE WITH CL.906
11. LIMESTONE AGGREGATE IS NOT PERMITTED.
12. NO CUTS PERMITTED (EG FOR SERVICES) ONCE BINDER COURSE IS LAID.
13. POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
14. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY AND PERMANENT DIVERSION WORKS, AS NECESSARY TO ALL EXISTING SERVICES.
15. THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
16. IN-SITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BS 4027, UNLESS AGREED OTHERWISE WITH THE ADOPTING AUTHORITY.
17. PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911:2002, BS EN 1916:2002, AND BS EN 1917:2002 AND BE KITEMARKED. CONCRETE PIPES TO BE CLASS 120 UNLESS NOTED OTHERWISE.
18. GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124 AND BE OF A NON-ROCKING DESIGN WITH LEFT HANDED CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOAD CLASS D400 FOR ROADS REGULARLY CARRYING FAST MOVING HEAVY VEHICLES. CLASS C250 TO BE USED IN LESSER TRAFFICKED AREAS eg. ESTATE ROADS, CUL-DE-SACS, RESIDENTIAL CAR PARKING AREAS ETC. TYPE D400/450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 1010CM2. TYPE C250/450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 900CM2.
19. UNSEALED AND LOOSE MATERIAL SUCH AS CRUSHED STONE, GRAVEL AND PEBBLES IS NOT TO BE USED ADJACENT THE ADOPTABLE HIGHWAY.
20. SHOULD THERE BE ANY CONFLICT BETWEEN INFORMATION ABOVE AND THE HIGHWAY AUTHORITY'S RECOMMENDATIONS AND SPECIFICATIONS, THE AUTHORITY'S REQUIREMENTS TAKE PRECEDENCE. THE CONTRACTOR MUST LIASE CLOSELY WITH THE AUTHORITY WITH RESPECT TO ANY TESTING, APPROVALS, INSPECTIONS, PERMISSIONS OR LICENCES REQUIRED AS WORK PROGRESSES.
21. DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS ELL-18075-KD-4-160-163.
22. CHIPPINGS TO BE LAID BY MECHANICAL SPREADER AT A SPREAD RATE OF 9 +/-1KG PER m².
23. ALL JOINTS IN SURFACE COURSE MACADAM SHALL BE OVERBANDDED IN ACCORDANCE WITH CL. 711.

SUB-BASE AND CAPPING REQUIREMENTS SUBJECT TO CBR TESTING IN ACCORDANCE WITH HAMPSHIRE COUNTY COUNCIL HIGHWAYS / LOCAL AUTHORITY REQUIREMENTS. SUB-BASE AND CAPPING THICKNESS WILL VARY TO SUIT.

B	UPDATED TO SUIT CLIENT COMMENTS.	30.05.22	JT	IC
A	ADDED BLOCK PAVED ROAD DETAIL TO SUIT CLIENT COMMENTS.	05.05.22	IC	MJS

Rev.	Description:	Date:	By:	Chkd:
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Status: **FOR CONSTRUCTION**

Client: **BELLWAY WESSEX**

Project: **BOORLEY GREEN**

Orig Title: **ROAD CONSTRUCTION DETAILS
SHEET 1 OF 4**

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Scale:	Size:	First Issue:	Drawn:	Checked:	Rev:
AS SHOWN	A1	04.02.2022	JT	IC	B

Drawing No: **ELL-21191-BW-L-300**