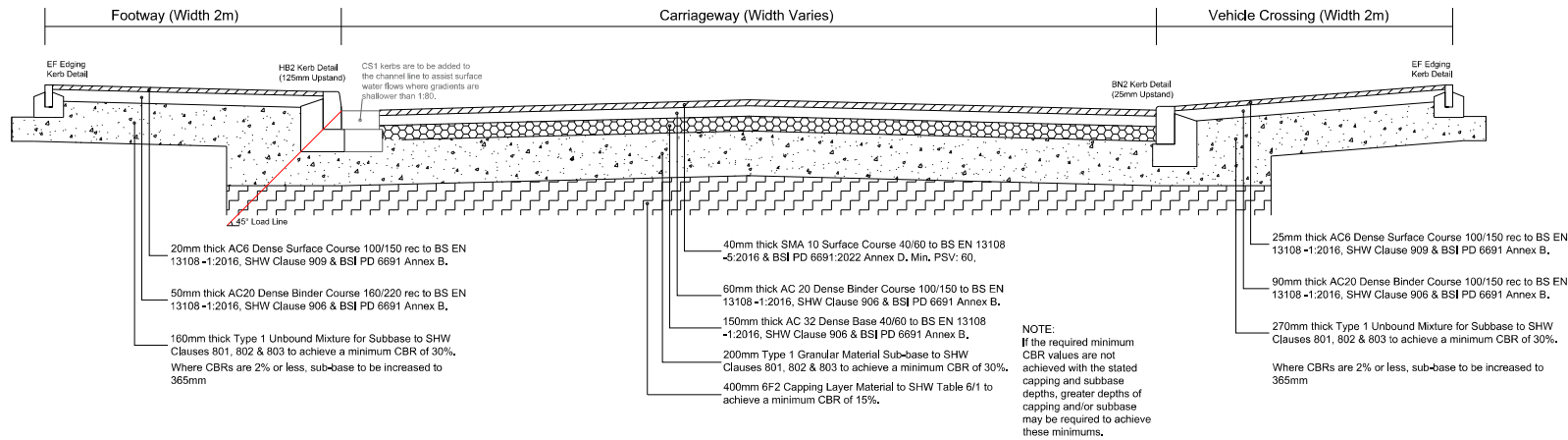
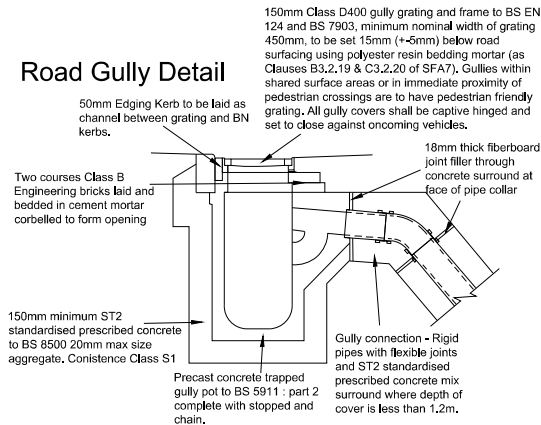


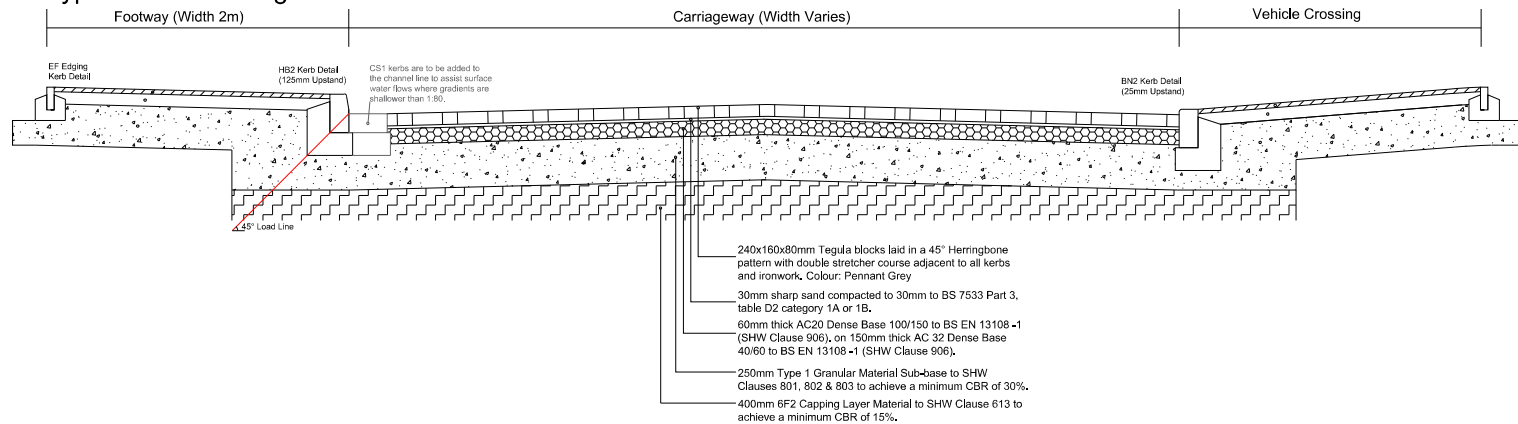
ACCESS ROAD



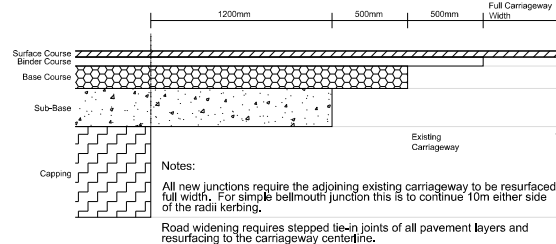
Road Gully Detail



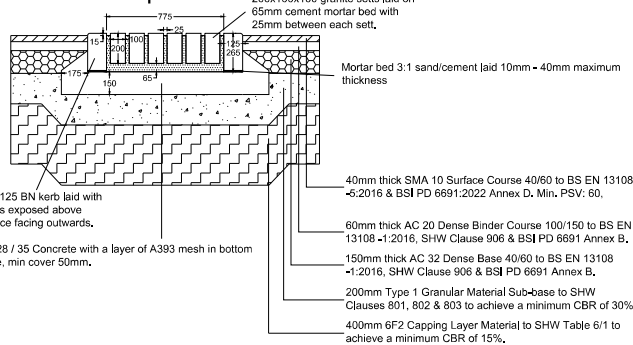
Typical Block Paving Construction



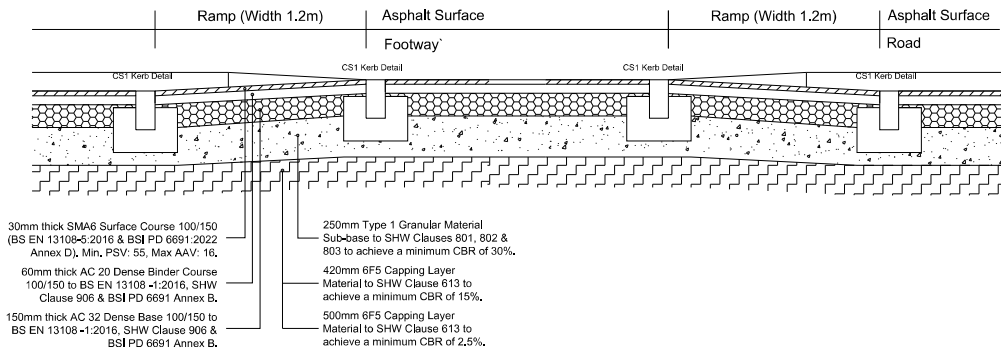
Road Construction Tie In Detail



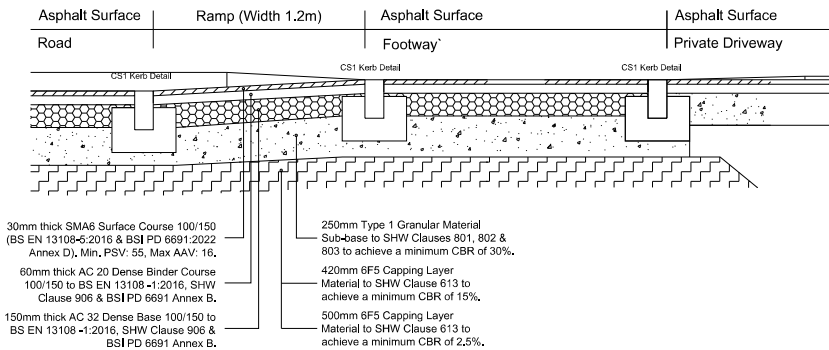
Rumble Strip Detail



Ramp Construction Road to Road



Ramp Construction Road to Drive



GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING. FOR DISCREPANCIES OR DIMENSIONS CONTACT THE ENGINEER PRIOR TO WORK COMMENCING.
2. MATERIALS AND WORKMANSHIP ARE TO COMPLY IN ALL RESPECTS WITH CURRENT PROJECT SPECIFICATION, CURRENT CODES OF PRACTICE, AND REGULATORY REQUIREMENTS.
3. THE COPYRIGHT OF THIS DRAWING IS VESTED IN THE ENGINEER AND MUST NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN CONSENT.
4. THE CONTRACTOR IS TO CHECK AND VERIFY ALL BUILDING AND SITE DIMENSIONAL LEVELS AND BEHIND POINTS PRIOR TO CONSTRUCTION PRIORS BEFORE WORK COMMENCES.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS ISSUED BY THE ENGINEER, ARCHITECT AND OTHER DESIGN DISCIPLINES.

ROAD CONSTRUCTION NOTES:

1. All adoptable highway works to be constructed in accordance with the current version of the Manual of Contract Documents for Highway Works - Volume 1 Specification for Highway Works (SHW) and Leicester County Council's 'Transport Requirements for Development'.
2. The Contractor shall seek clarification from the Engineering regarding any construction issue arising from this drawing, or any discrepancy between this drawing and any issued drawing or the Specification, prior to construction.
3. The works shown on this drawing could affect Statutory Undertaker's apparatus and the Contractor is required to verify the location and depth of all such apparatus prior to commencement of the works and to take any precautions necessary when working in the vicinity of any such apparatus.
4. All works within the limit of the highway shall be signed in accordance with the Traffic Signs Manual Chapter 8 Traffic Safety Measures and Signing for Road Works and Temporary Situations 2009, as amended.
5. The Contractor is required to confirm the CBR of the subgrade in order to determine the required thickness of subbase and capping. The Highway Inspector is to be present during CBR testing.

6. CBR Testing is to be undertaken in accordance with BS EN 1377 Part 9 at 25m centres on formation, capping and subbase. Utility and drainage trenches are also to be CBR Tested. The lowest CBR result is to be used to determine the needed foundation. Foundation requirements are to be approved by LCC's Clerk of Works/Engineer before the foundation is constructed. This will require the instiut CBR result to be provided.
7. Prior to laying any material, the subgrade must be proof rolled and inspected. Any identified soft spots are to be removed and filled with Type 1 materials to SHW Clause 803. The sub-formation and formation shall be prepared in accordance with SHW Clause 616.
8. All materials within 450mm of finished levels should be non-frost susceptible.
9. A 1.0m deep HDPE root barrier, or 0.6m deep granular filter trench, is to be provided adjacent to all any soft space, planted or tree locations.
10. All street lighting must comply with the requirements of Swindon Borough Council's 'Transport Requirements for Development'.
11. All subbase shall be 6F5 in compliance with MCHW1 803.
12. All capping shall be 6F5 in compliance with MCHW1 613.
13. Grading certificates for all granular fill shall be provided for every 500 tonnes.

14. Bond coat shall be applied to all new or existing bituminous bound substrate as per MCHW d.903/6.
15. Bond coat to be C50/BP3 applied at a rate of 0.2kg/m2 on newly laid binderbase courses, and 0.35kg/m2 on planned surfaces by a metered spray tanker. Bond coat shall comply with BS EN 13808.
16. All macadam: works shall be in accordance with BS594987 & PD6691; materials shall be to BS EN 13108.
17. All signage, bollards and street furniture to be provided with a post retention socket, NAL or equivalent.
18. All concrete shall be to BS 8500. The concrete specification for kerbing is to be ST2 on all residential developments, and ST4 on primary infrastructure or bus/commercial routes.
19. All tactile and warning paving is to be in accordance with DIT Guidance on the use of Tactile Paving Surfaces.
20. The Developer and appointed contractors shall arrange a pre-start meeting with the LCC Clerk of Works a minimum of 1 week prior to commencing works.

21. Once the sub-base materials have been compacted and tested, no vehicles are permitted on the compacted sub-base or the materials will require re-compacting and re-testing prior to laying of macadam layers.
22. All services/utilities effected by the proposed works shall be lowered or relocated in accordance with NJUG requirements. Shallow services may not be protected with concrete cover slabs.
23. All utility service boxes and covers within highway footways are to be ductile iron grade B surface boxes to BS 5834, with anti-slip covers to BS7976 Part 2. All utility chamber shall be positioned away from pedestrian crossings and tactile paving.
24. Gullies within shared surface areas are to have pedestrian-friendly gratings.
25. All surfacing works shall be completed by machine lay where practical and possible. This includes footway and cycleway areas. Hand laying of materials shall be discussed and agreed with LCC in advance of any works being undertaken.
26. All kerbing/edging to receive at least 150mm subbase below and past the back haunch.
27. All trench reinstatements shall be stepped (150-300mm) to avoid vertical joints being introduced into the pavement construction.

28. All manhole covers located on bends and/or in the centre of the road shall have non-slip covers.
29. Construction material shall extend to the 45° Load Line. No excavation to occur below this line.

Drg Status: Preliminary

Client Name: BELLWAY EAST MIDLANDS

Project Name: RATBY

Drawing Title: ROAD CONSTRUCTION DETAILS

Scale: 1:500 Size: A0 First Issue Date: December 2024 By: RAA Chkd: JA

Project No: RED165 Drawing No: 400 Rev: A

Bellway

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