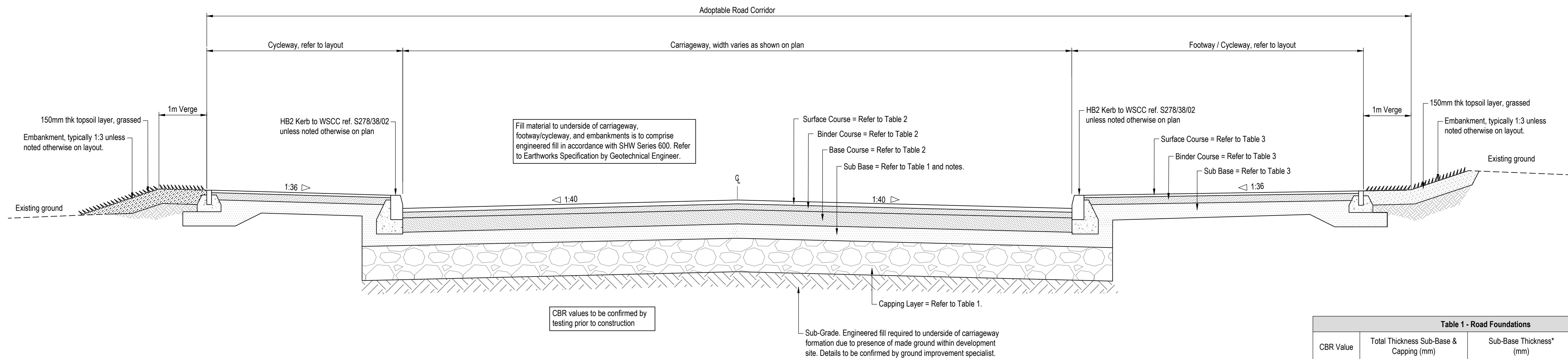
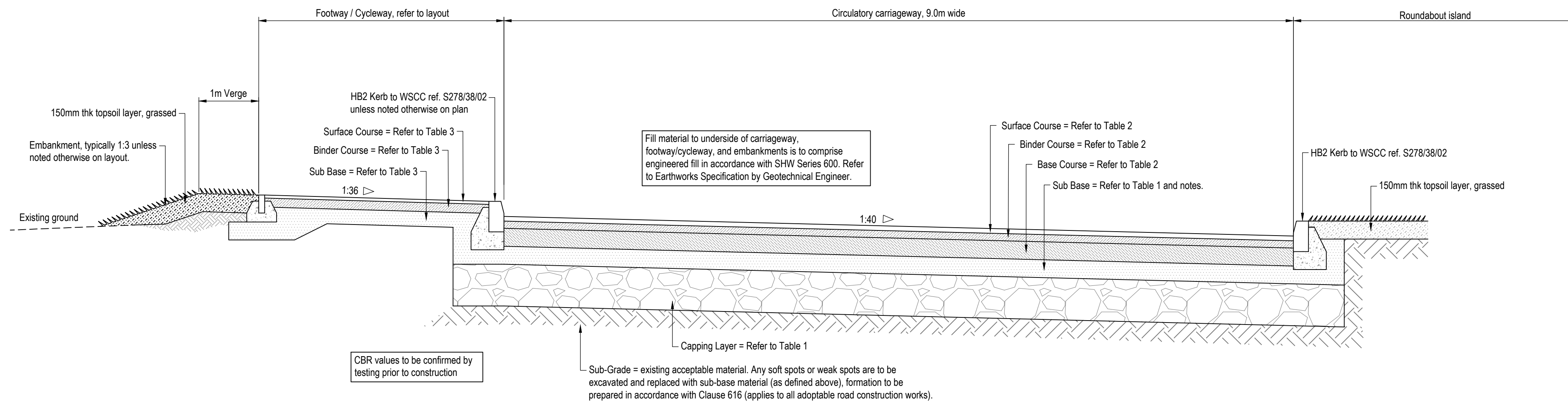




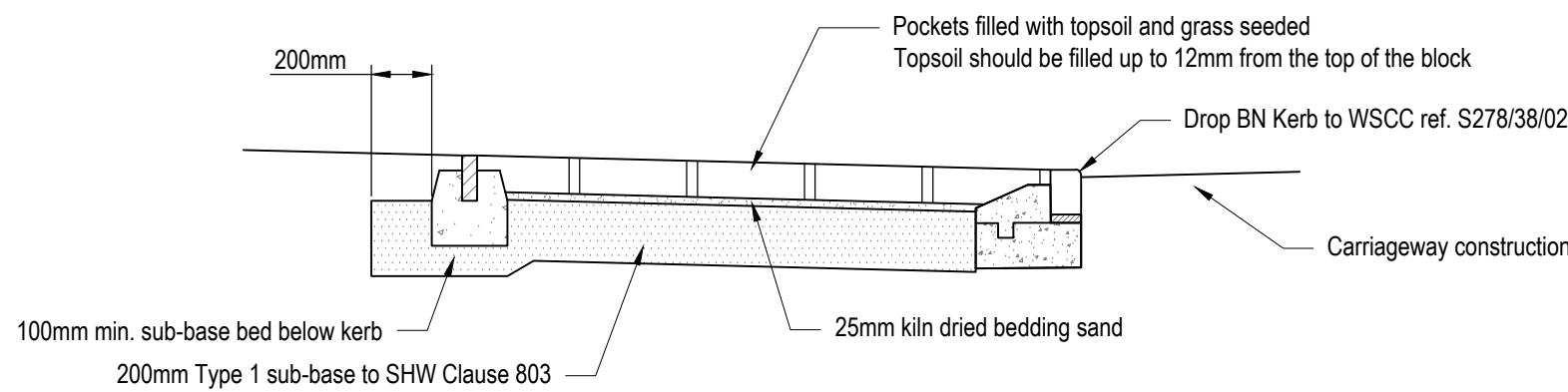
Typical Cross Section through Roundabout Approaches

Scale 1:25



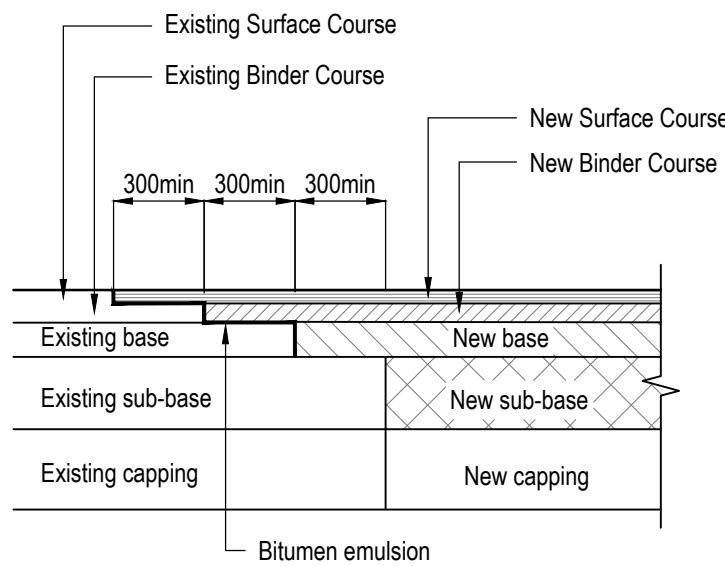
Typical Cross Section through Circulatory Carriageway

Scale 1:25



'Grasscrete' Maintenance Bay Detail

1:25



Typical Carriageway Tie in Detail Between Existing and Proposed Construction - Longitudinal

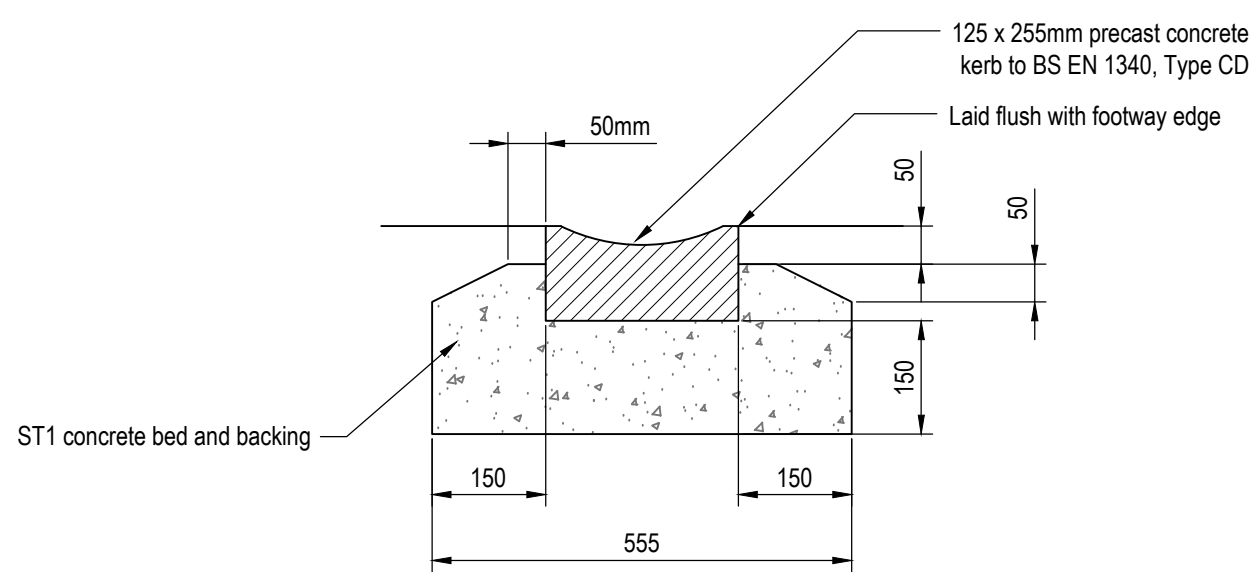
NTS

Notes for tie-in joints

1. All dimensions are in millimetres unless stated otherwise.
2. Vertical faces of existing bituminous materials to be primed with bitumen. Horizontal or inclined existing surfaces or planed areas to be overlaid with bituminous materials shall be thoroughly cleaned to remove dirt and loose and unsound material and treated with with bituminous tack coat type in accordance with Clause 920.
3. Edge of existing carriageway to be saw cut back to sound construction - min 300mm.
4. Joints to be formed in accordance with SWH Cl. 901.22 (iii)
5. Number of planed steps depends on thickness and number of layers of base layer.
6. All regulating material shall comply with SHW Series 900.
7. Bond coat to clause 920 shall be applied to all previously trafficked surfaces which are to be overlaid.

Refer to WSCC Standard Detail ref.

S278/30/20 for transverse tie-in detail options



CD Dished Channel Kerb

Kerb Details (BS EN 1340:2003)

Scale 1:10

| Table 1 - Road Foundations |                                         |                          |                              |
|----------------------------|-----------------------------------------|--------------------------|------------------------------|
| CBR Value                  | Total Thickness Sub-Base & Capping (mm) | Sub-Base Thickness* (mm) | Capping Layer Thickness (mm) |
| < 2%                       | Specialist Design                       | Specialist Design        | Specialist Design            |
| 2-2.5%                     | 750                                     | 150                      | 600                          |
| >2.5-5%                    | 500                                     | 150                      | 350                          |
| >5%                        | 250                                     | 150                      | 100 (Type 1)                 |

\* Note that the minimum total carriageway pavement construction thickness must be 450mm to mitigate susceptibility to frost penetration.

| Table 2 - Carriageway Construction to WSCC ref. S278/38/21 |                                                            |                              |
|------------------------------------------------------------|------------------------------------------------------------|------------------------------|
| Layer                                                      | Material                                                   | Minimum Layer Thickness (mm) |
| Sub-Base                                                   | Granular sub-base material Type 1 to SHW Clause 803        | See Table 1                  |
| Base                                                       | AC 32 Dense Bin 40/60 to BS EN 13108 Pt 1                  | 150                          |
| Binder Course                                              | AC 20 Dense Bin 40/60 to BS EN 13108 Pt 1                  | 60                           |
| Surface Course                                             | HRA 35/14F Surf Des to BS EN 13108-4<br>PSV 68+ and AAV 12 | 50                           |

| Table 3 - Footway & Cycleway Construction to WSCC ref. S278/38/04 |                                                     |                              |
|-------------------------------------------------------------------|-----------------------------------------------------|------------------------------|
| Layer                                                             | Material                                            | Minimum Layer Thickness (mm) |
| Sub-Base                                                          | Granular sub-base material Type 1 to SHW Clause 803 | 200                          |
| Binder Course                                                     | AC 20 Dense Bin 40/60 to BS EN 13108 Pt 1           | 50                           |
| Surface Course                                                    | AC 6 Dense Bin 100/150 to BS EN 13108 Pt 1          | 20                           |

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**Health & Safety Note**

The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

| Rev | Date       | Description                                                         | Dim / Check / App'd |
|-----|------------|---------------------------------------------------------------------|---------------------|
| C01 | 01/04/2026 | Construction issue                                                  | AG / AM / AM        |
| PD4 | 09/12/2025 | Details amended to refer to table 2 as requested by WSCC 04.12.2025 | HK / AM / AM        |
| P03 | 19/11/2025 | S278 Technical Approval Issue                                       | KM / AM / AM        |
| P02 | 22.05.2025 | Title updated to reflect sheet number.                              | KM                  |
| P01 | 06.05.2025 | Issued for Tender.                                                  | KM                  |

Stability:

A5 - Approved/Stage Complete

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Client: Vistry South East

Job: Glebe Farm, Steyning S278

Title: S278 Roundabout Construction Details Sheet 1 of 2

Classification: FL\_60\_20  
Scale @ A1: As Shown

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number: BR31274- JNP - XX-XX- DR - C - 3004  
Document/Drawing Number: C01

Reason: