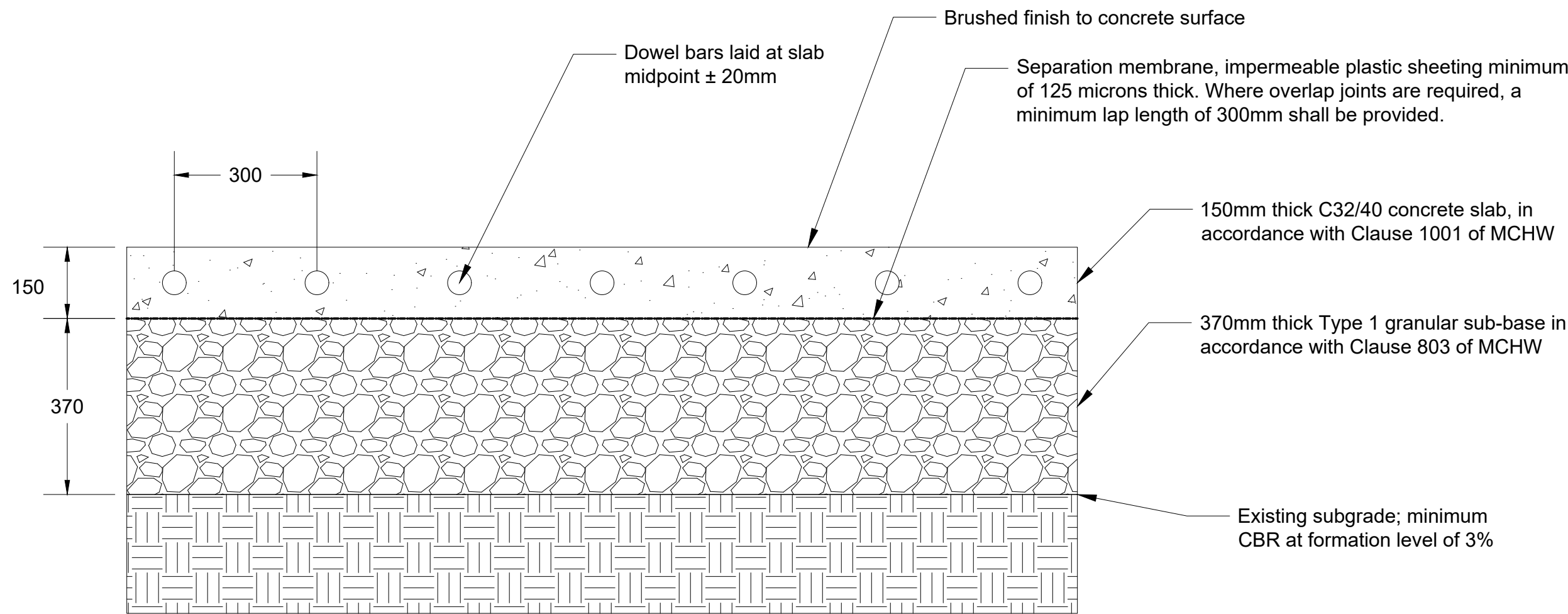
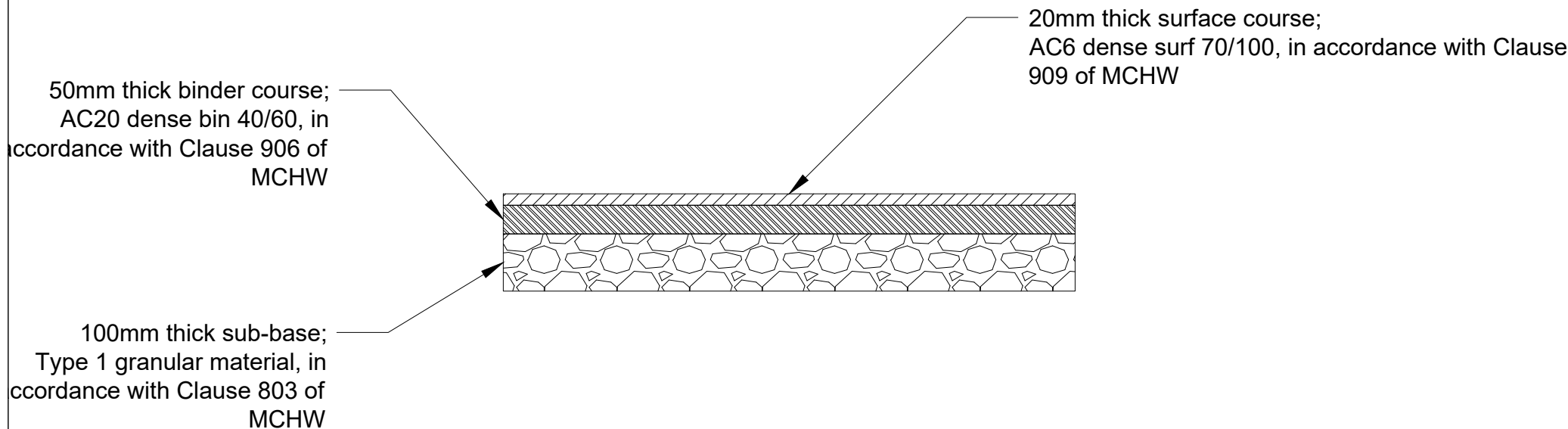


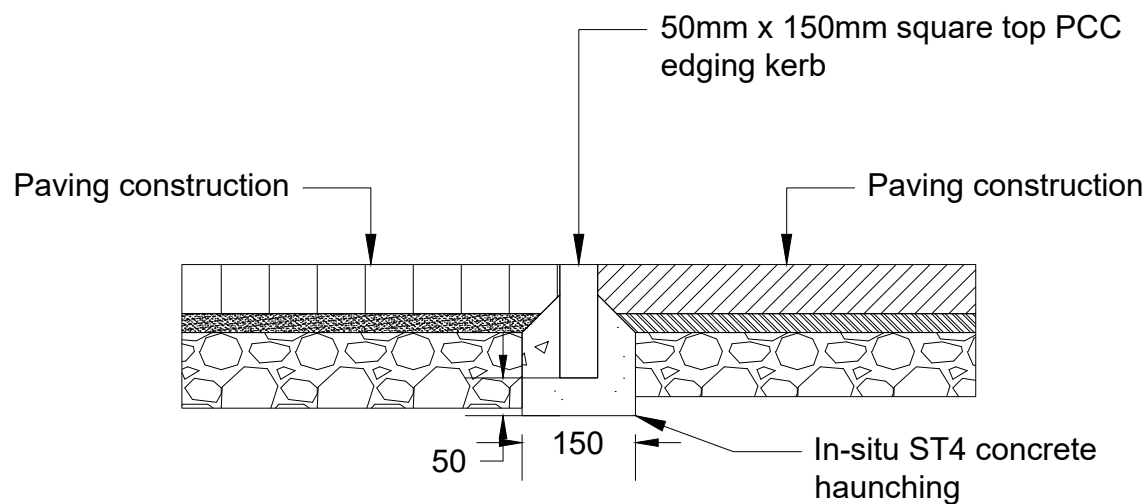


Typical Concrete Pavement Construction
Traffic Load 0.2msa
Design Life 40 years

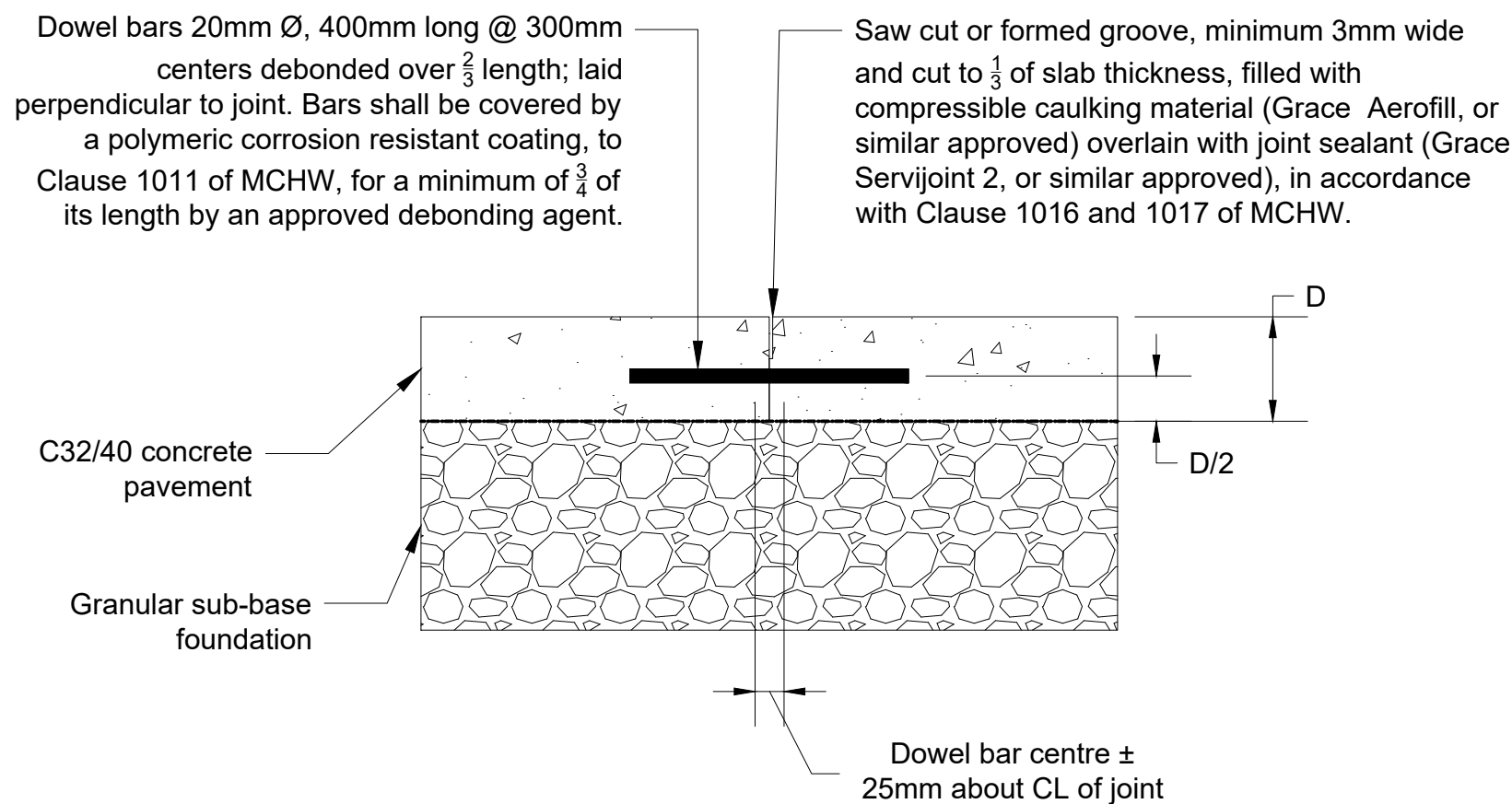
- In the absence of definitive vehicle movements for the service yard, the concrete slab has been designed to accommodate:
- 1 x Compactor Vehicle per week
 - 1 x Baler Vehicle per week
 - 1 x 8 yard skip vehicle per week



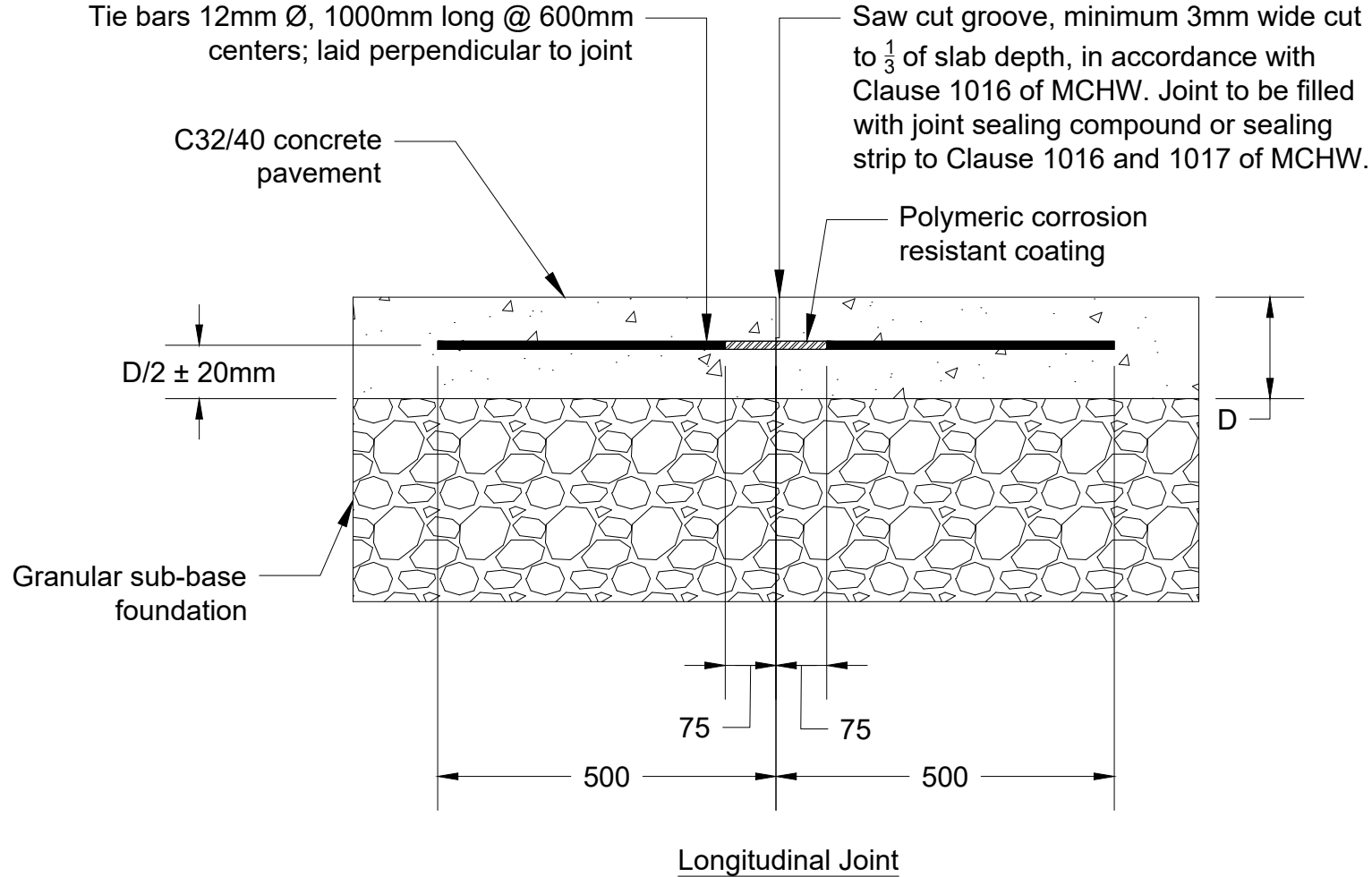
Typical Bituminous Footway Construction
DMRB CD 239 - pedestrian only footway
No allowance for vehicular traffic



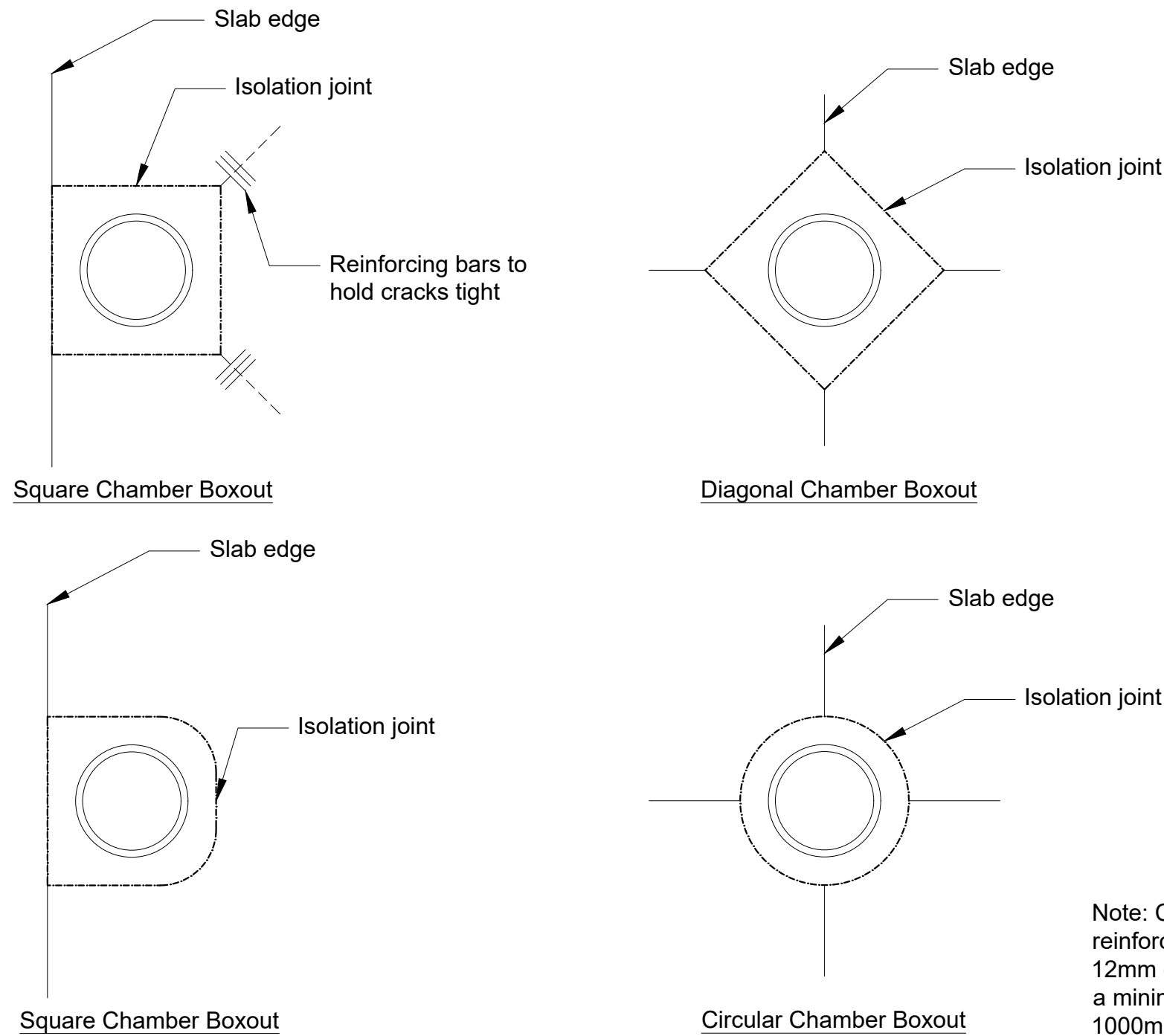
Pin Kerb Edging Detail



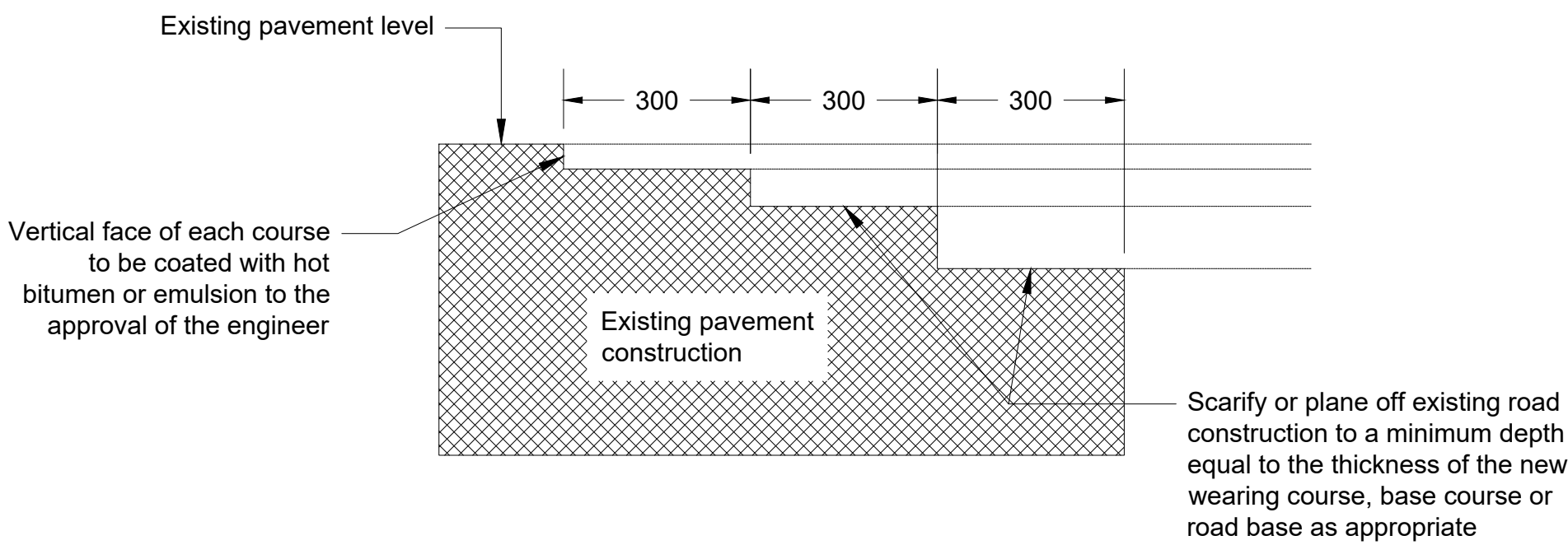
Dowelled Contraction Joint



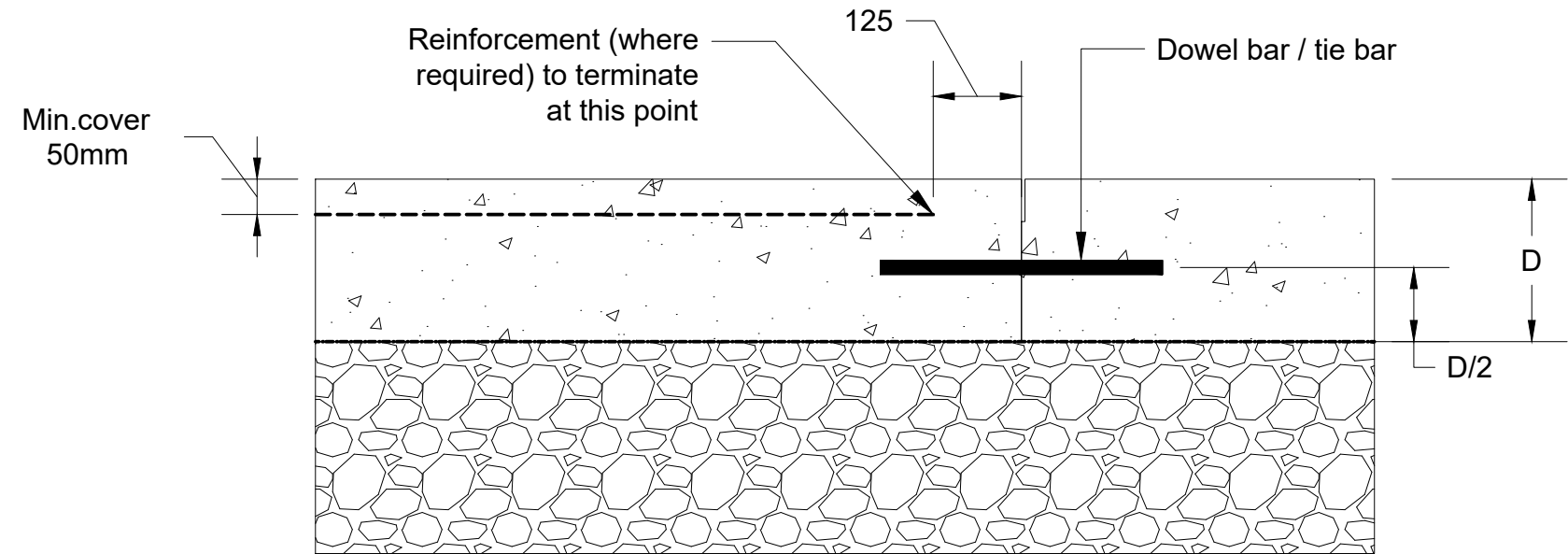
Longitudinal Joint



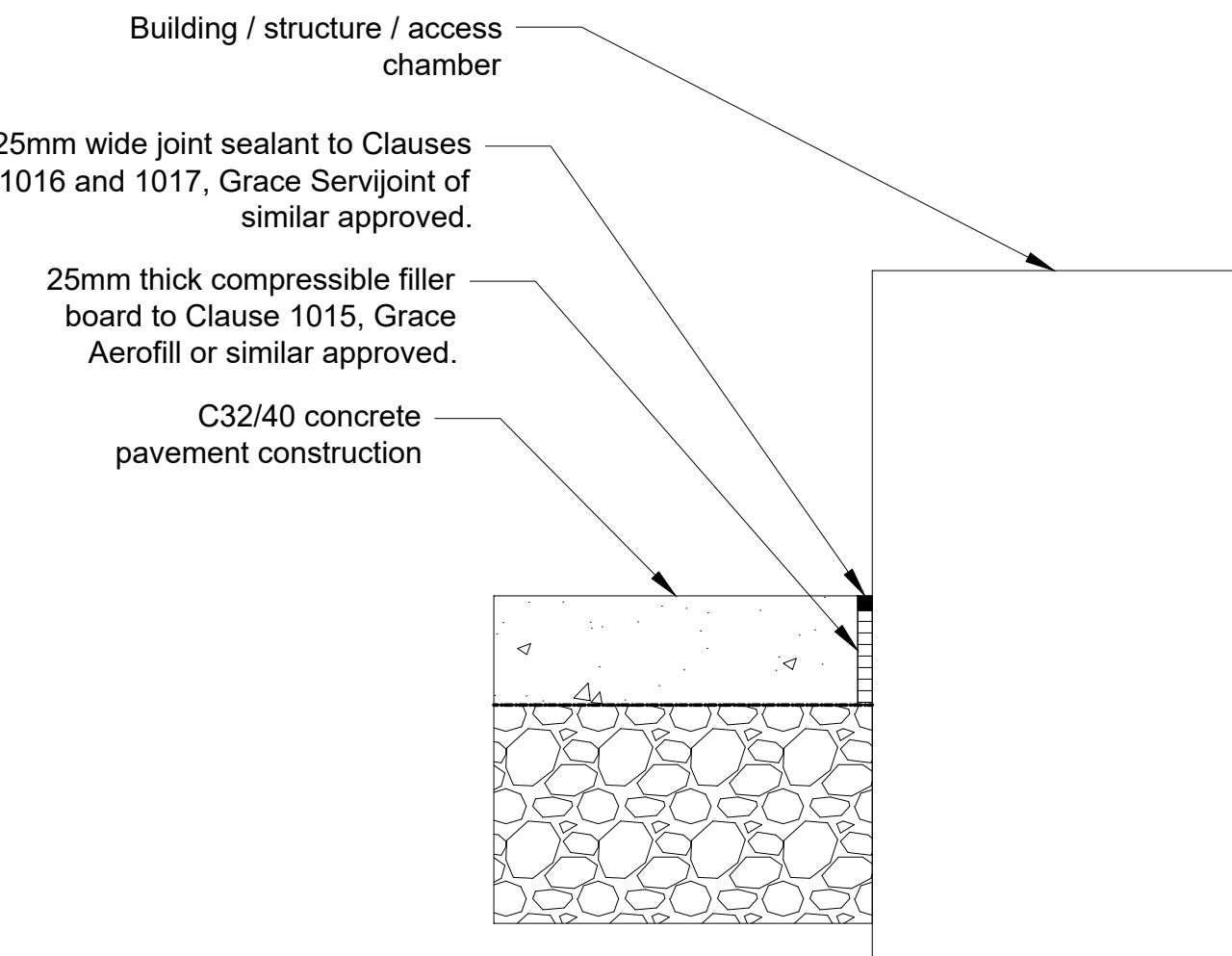
Access Chamber Isolation Details



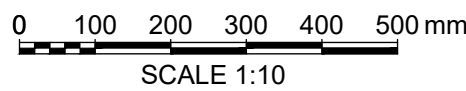
New to Existing Tarmacadam Transition



Additional Reinforcement Detail



Isolation Joint Detail



This drawing shall be read in conjunction with all other relevant Arup drawings, details, specifications and reports.

All dimensions are illustrated in mm, unless noted otherwise

Do not scale from this drawing

All relevant hazards are indicated on this drawing sheet. Hazards are described in greater detail on the Arup Hazard Risk Register



NOTES

1. The information shown on these drawings is based upon the model and drawings issued by the project architect BDP on 14/10/2021
2. For all vehicle trafficked areas, any frost susceptible material shall be removed to a minimum depth of 450mm below the proposed finished levels and replaced with non-frost susceptible materials.
3. These typical details are suitable for anticipated vehicle loads with a Hospital site environment and have been developed in advance of any specific vehicle frequencies being identified.
4. The Contractor shall be responsible for ensuring in-situ CBR values are determined at all proposed formation levels are confirmed on site by a Specialist Geotechnical Contractor.
5. Refer to the Arup Infrastructure Specification 'PRP-ARUP-Z01-XX-SP-C-2850' for all material and workmanship requirements.
6. Refer to the Pavements General Arrangement drawings for joint types and positions required for construction of concrete pavements.
7. For the purposes of this design, a minimum CBR of 3% has been assumed.
8. For the positions of all proposed utility and drainage access chambers, refer to the latest Arup information, including but not limited to:
 - Dmg: PRP-ARUP-Z01-XX-DR-C-2801 to 2803
 - Utilis: PRP-ARUP-Z01-XX-DR-C-2850
9. Refer to the Landscape Architect's information for finished surface levels and the positions of all above ground furniture (i.e. lighting columns and VRS barriers).
10. No part of the pavement construction provided has been designed to accommodate construction traffic, they are designed for operational use only.

REV	DESCRIPTION	DRWN	CHKD	APPRD	DATE
C01	For Construction				05/11/2021

APPROVAL

Status:

Date:

Signed:

NOTE:
Status A - Signed off / No comment
Status B - Signed off to proceed subject to comments
Status C - Re-submit

Client: Founded by:

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NHS The Christie NHS Foundation Trust

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PROJECT TITLE	Paterson Building Redevelopment
DRAWING TITLE	External Works Pavements Layout Typical Details Sheet 1 of 2
DRAWING NO.	PRP-ARUP-ZZZ-XX-DR-C-2843
SCALE	A5 @ A1 NTS
DATE	05/11/21
REVISION	C01