

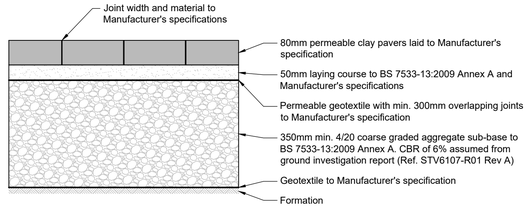
Notes:

- Paving foundation designed for foundation Class 2 (assumed long-term confined foundation surface modulus ≥ 100MPa) to CD225 Revision 1
- Paving foundation is not designed for construction traffic. Haul road build-up to be specified by others
- The subgrade CBR value must be checked on site before foundation construction starts, and must be equal to, or be greater than, the design CBR
- If the in-situ CBR is found to be less than the design CBR, then the subgrade must either be improved to the design CBR or the foundation redesigned in accordance with the table below
- If the in-situ CBR is found to be less than 2.5%, the subgrade must be improved. The new design CBR should be assumed to be equivalent to 2.5% in order to allow for effects of any softer underlying material and potential reduction in the strength of the replacement material to its long term CBR value

CBR VALUES	2.5%	3%	4%	5%	8%	≥15%
SUB-BASE ONLY	420	350	300	270	250	200

Porous Asphalt Paving for Car Loading and Occasional Emergency Vehicles (System A - Infiltration)

1:10 @ A1



Notes:

- Paving construction designed for Traffic Category B (up to 100 standard axles based on 25 years design life) to BS7533-13:2009 Table 6
- Paving construction not designed for construction traffic
- Pavement foundation depth should be increased in accordance with the table below (based on BS 7533-13:2009 Table 9) in case of low CBR
- If the in-situ CBR is found to be less than 2.5%, the subgrade must be improved to the design CBR in accordance with IAN 73/06 Section 5. The new design CBR should be assumed to be equivalent to 2.5% in order to allow for effects of any softer underlying material and potential reduction in the strength of the replacement material to its long term CBR value
- All incoming pipes to be fitted with diffuser unit
- Allow for installation of baffles to step subbase where required

CBR VALUES	1%	2%	3%	4%	5%
SUB-BASE	650	525	475	450	350

Permeable Block Paving for Footways with Occasion Overrun (No HGV) (System A - Infiltration)

1:10 @ A1

Notes

1. Do not scale the drawing
2. All dimensions are in millimetres unless noted otherwise

Rev	Date	Description	Drn	App
00	28.08.25	Stage 5	AA	IM

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Project

Rikkyo School

Drawing Title

Below Ground Drainage Details Sheet 3

Drawing Status

Technical Design

Drawn by	Checked by	Sheet size	Scale	Rev status
AA	IM	A1	1:10	S5

Drawing Number

J5338-C-DE-0402

Revision

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