

**TYPICAL SECTION THROUGH ACCESS ROAD**  
Scale 1:25

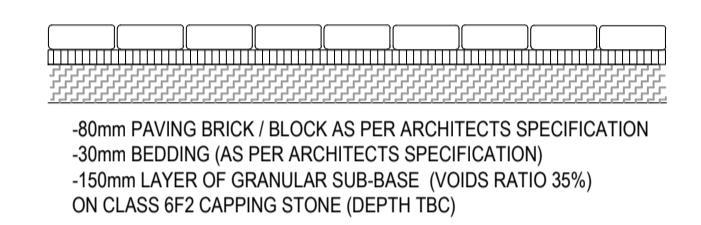
**ADJUSTMENT TO THICKNESS OF AGGREGATE LAYER (AL) BASED ON SUBGRADE CBR TEST VALUE**

Subgrade CBR (%)	Additional thickness of AL (mm)	Depth of capping required (mm)
1	+300	600
2	+175	350
3	+125	250
4	+100	200
5-10%	+50	150
>10%	Design thickness	0

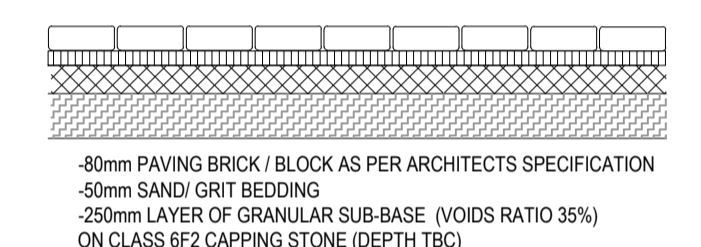
**MATERIAL SPECIFICATION**

- Permeable Asphalt or paving (100mm dp.)
- 25mm Layer of sand/ grit
- Upper 2000 gauge permeable geotextile
- 250mm dp. coarse graded aggregate with a min. void ratio of 0.3 (attenuation layer)
- Upper 2000 gauge permeable geotextile
- Capping layer (if required) see table above

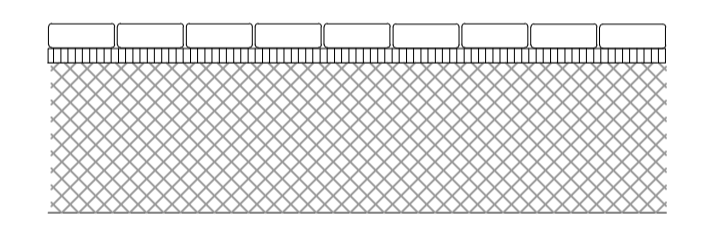
**THE ATTENUATION STONE SUBGRADE REQUIRES FLAT GROUND OR WITH VERY SLIGHT SLOPE)**



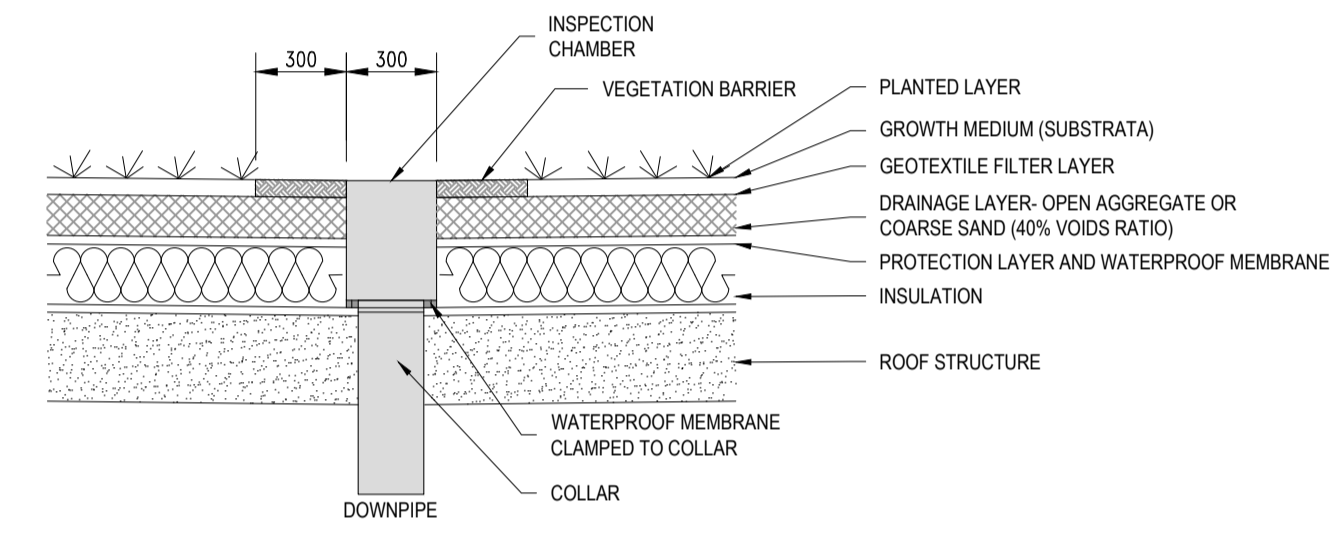
**TYPICAL STANDARD PAVING CONSTRUCTION IN PEDESTRIAN ONLY AREAS**  
Scale 1:25



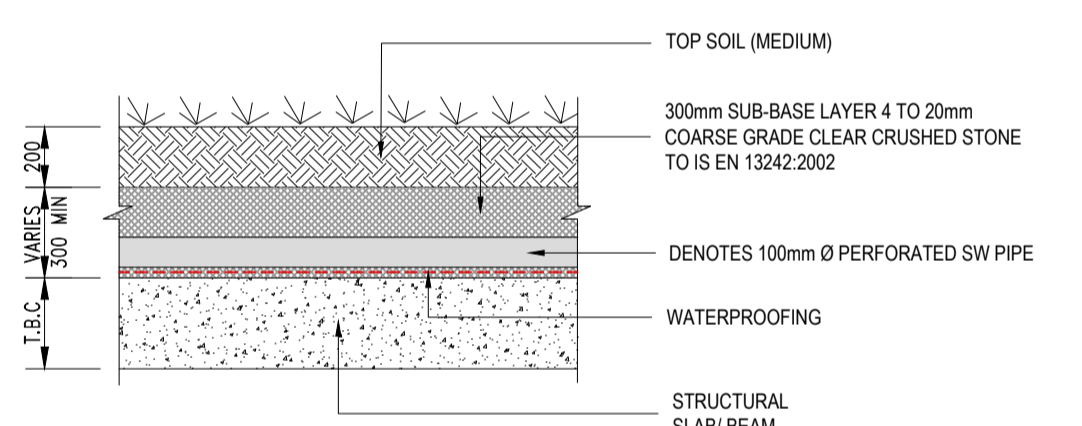
**TYPICAL STANDARD PAVING CONSTRUCTION IN TRAFFICKED AREAS**  
Scale 1:25



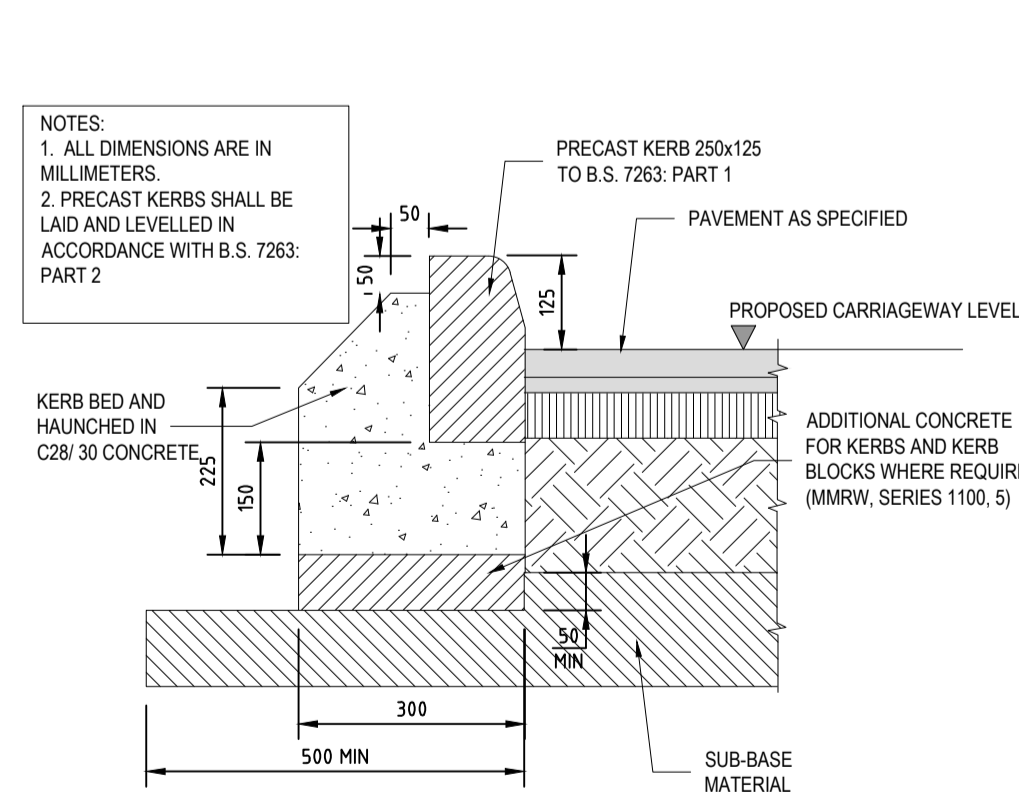
**TYPICAL PERMEABLE PAVING CONSTRUCTION IN PEDESTRIAN ONLY AREAS**  
Scale 1:25



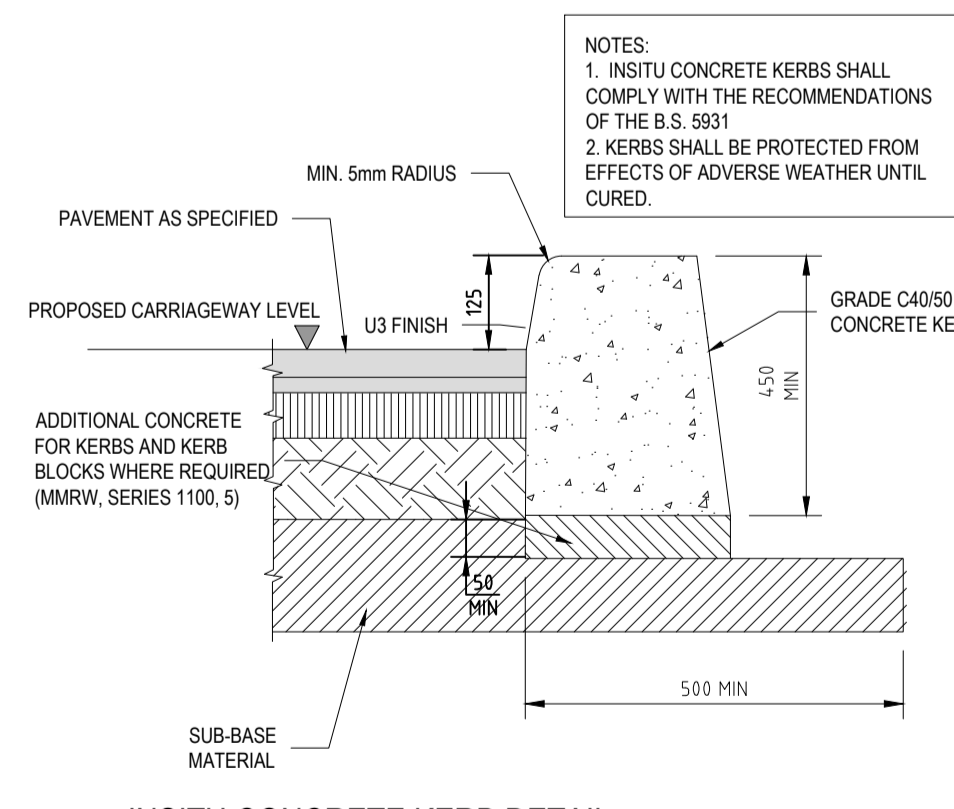
**TYPICAL SECTION THROUGH GREEN ROOF**  
Scale 1:25



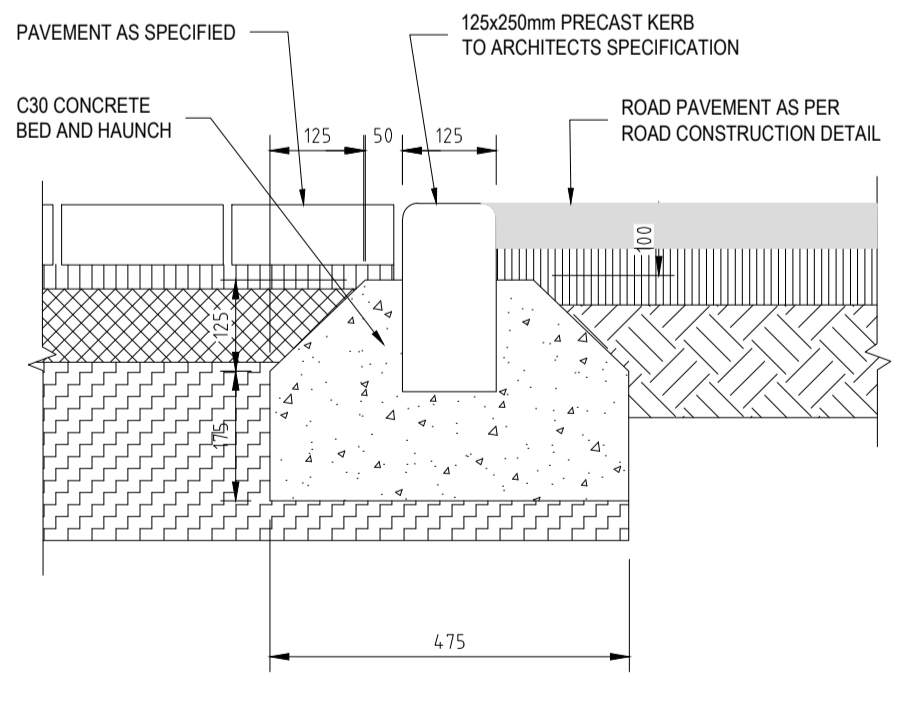
**TYPICAL SECTION DETAIL THROUGH LAWN ON PODIUM SLAB**  
Scale 1:25



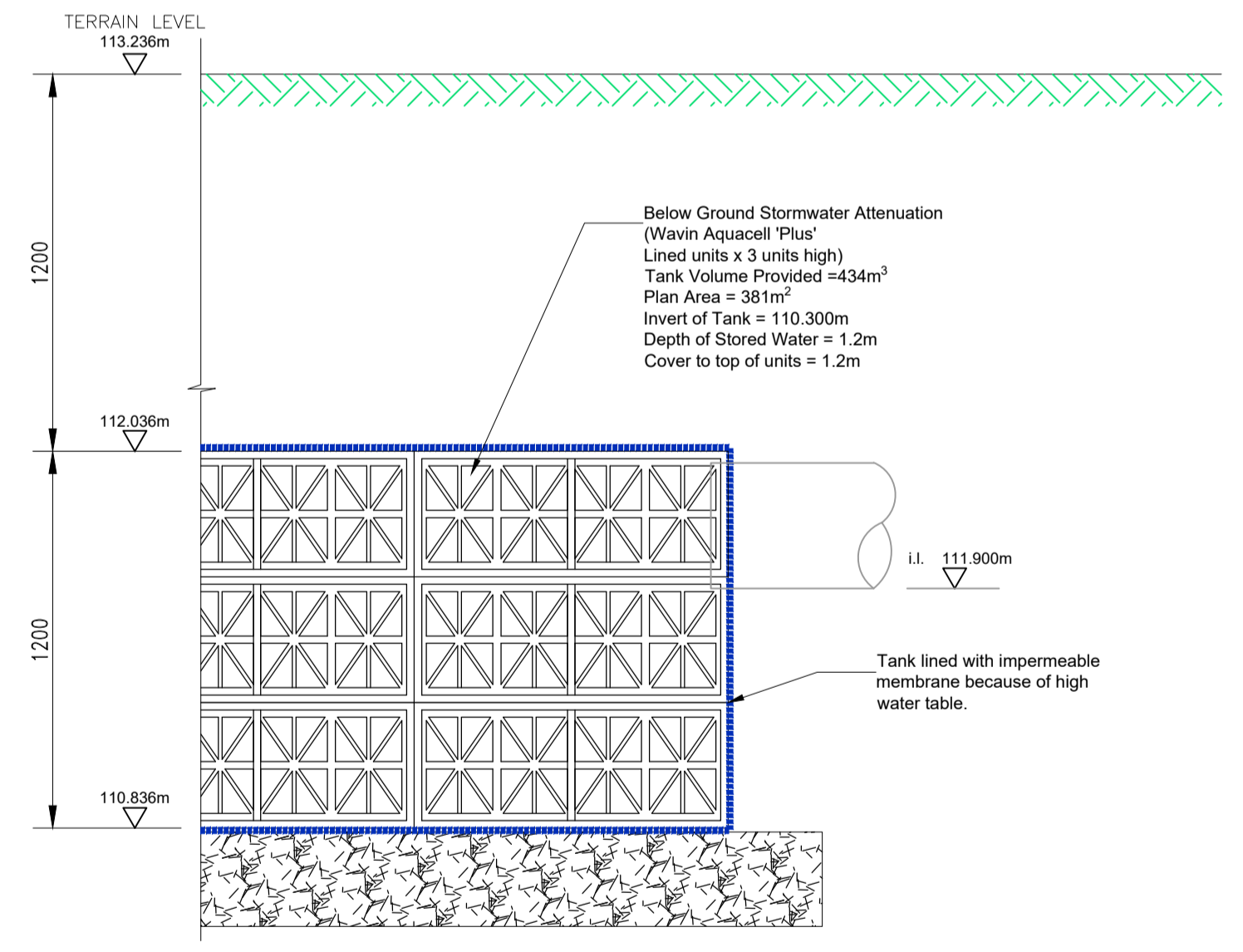
**PRECAST KERB DETAIL**  
Scale 1:10



**INSITU CONCRETE KERB DETAIL**  
Scale 1:10



**EDGE KERB DETAIL (DBM TO PAVING BLOCK)**  
Scale 1:10



**SECTION THRU' PROPOSED ATTENUATION TANK**  
Scale 1:20

**Notes:**  
For setting out refer to Architects drawings.  
This drawing shall be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.  
DO NOT SCALE FROM THIS DRAWING. Use figured dimensions only.  
Verify dimensions on site and report any discrepancies to the author immediately.  
This drawing is copyright © and must not be reproduced, transmitted or stored in any form without the written permission of Torque Consulting Engineers Limited except as agreed for use on the project for which the document was originally issued.

Rev	Dm	Chkd	Amendments	Date
P03	DG	AS	ISSUED FOR PLANNING	22/04/2022
P02	EM	AS	ISSUED FOR PLANNING	11/04/2022
P01	dg	AS	ISSUED FOR PLANNING	28/03/2022

Rev	Dm	Chkd	Amendments	Date

**FOR PLANNING**

Architect	HORAN RAINSFORD ARCHITECTS		
Project	SANDYFORD ROAD SHD		
Title	SITE DRAINAGE - PROPOSED DETAILS SHEET 2		
Drg No	S047-TCE-ZZ-ZZ-DR-C-0013	Revision	P03
Scale	-	Date	24/03/2022
Dm By	DG	Chkd By	AS
		Aprvd By	KM

<b>TORQUE</b> CONSULTING ENGINEERS CIVIL & STRUCTURAL	3rd Floor The Glasshouse 11 Coke Lane Dublin 7 D07 WNP2 Ireland	T: +353 (0)1 4853933 E: contactus@tce.ie W: www.tce.ie
---	--	--