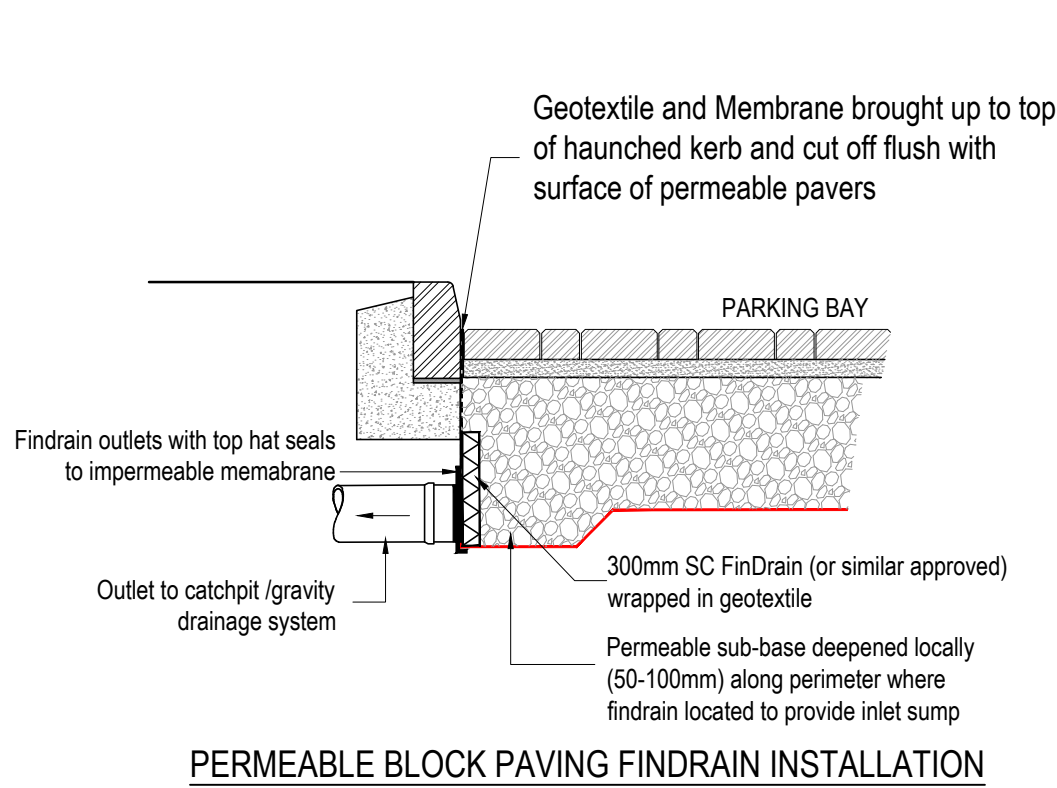
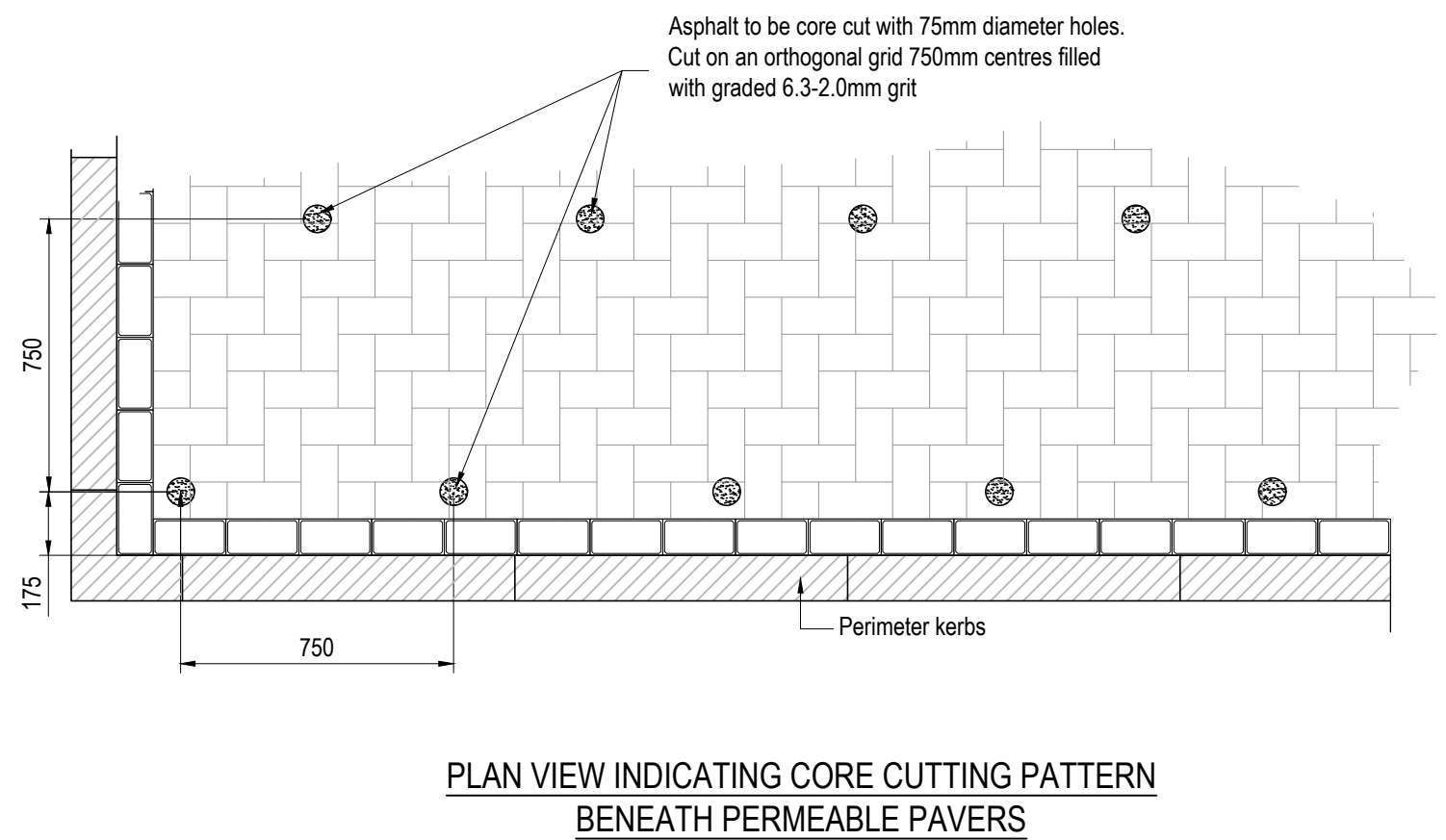
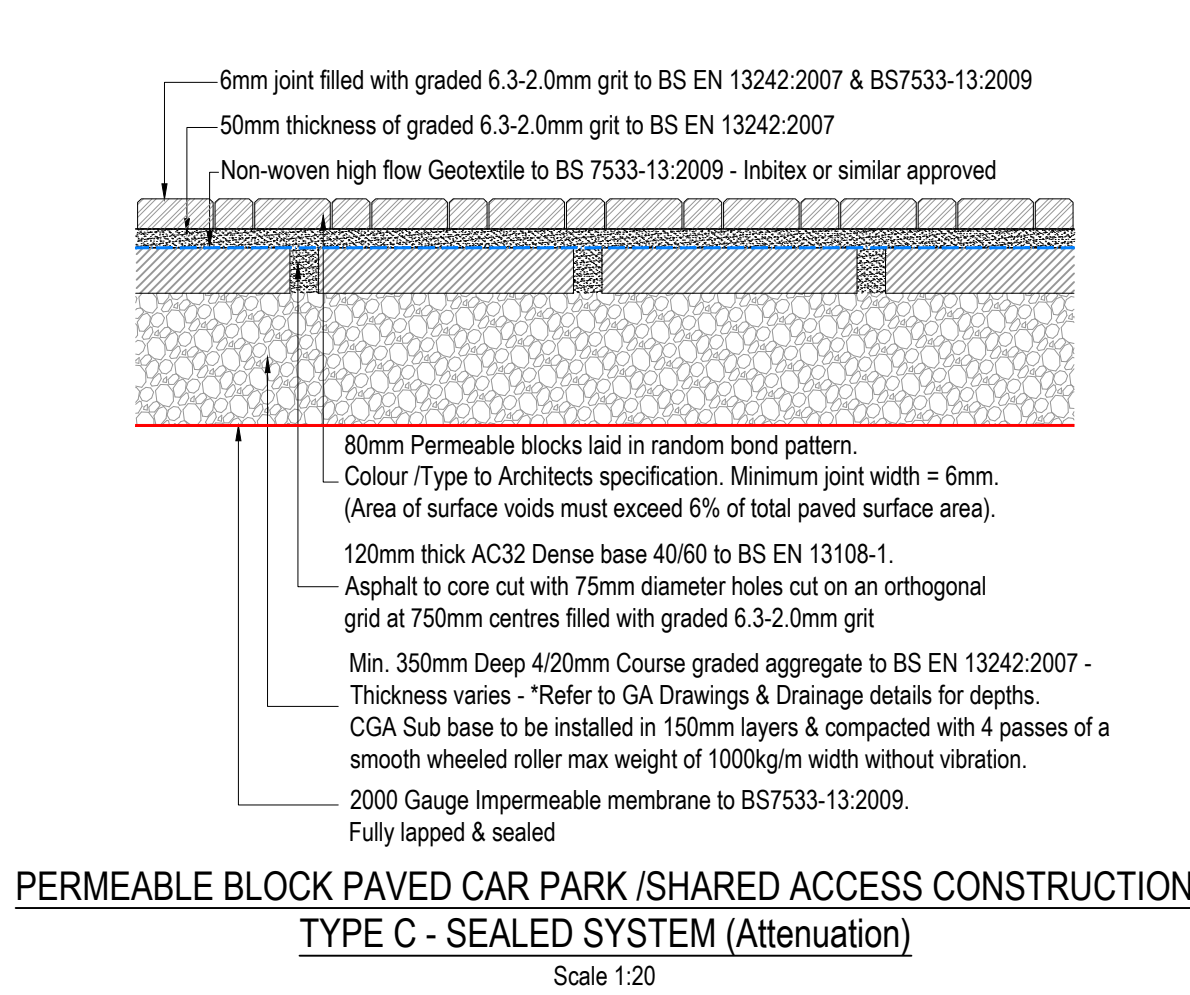




GENERAL NOTES

1. Do Not Scale
2. The contractor is to check and verify all buildings and site dimensions and levels, including sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
3. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
4. This drawing is to be read in conjunction with and checked against all other drawings, Engineering Details, Specification and any structural, geotechnical or other specialist document provided.
5. Any anomaly or contradiction between any of the above is to be reported to Engineer.
6. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.

DRAINAGE NOTES

1. This drawing is to be read in conjunction with all other relevant project drawings and specifications.
2. All levels are in metres above ordnance datum based on the topographical survey drawing supplied by the client.
3. All existing drainage levels and outfall points shall be surveyed and verified by the contractor prior to the commencement of the works. Any discrepancies shall be reported to the engineer immediately.
4. Pipework under roads with less than 1.2m cover, and other trafficked areas with less than 0.9m cover to receive concrete encasement. Compressible fillerboard (18mm thick) to be placed at pipe joints at least the width of the concrete surround. Cover slabs/concrete protection to pipes where damage from garden implements is possible is to be provided via concrete Grade GEN1.
5. Large radius bends to be used at the foot of vertical discharge pipes/svps.
6. Manhole covers should not bridge different surfaces.
7. Where two pipelines (other than plastic pipes) cross with less than 300mm separation pipes are to be surrounded with class z concrete surround for not less than 1m centred on the crossing point. Concrete surround to be extended as necessary to within 150mm of nearest flexible joints.
8. All foul outlet and rainwater pipe positions are to be confirmed by the architect.
9. All below slab foul drainage to be 100mm diameter laid to a minimum gradient of 1:80.
10. All pipework to be clay or pvcu with flexible joints all fully in compliance with the Building Regulations 2010.
11. All pipework to be laid with soffit to soffit connections unless noted otherwise.
12. All redundant pipework to be removed/grubbed-up to the satisfaction of the Building Control Officer.

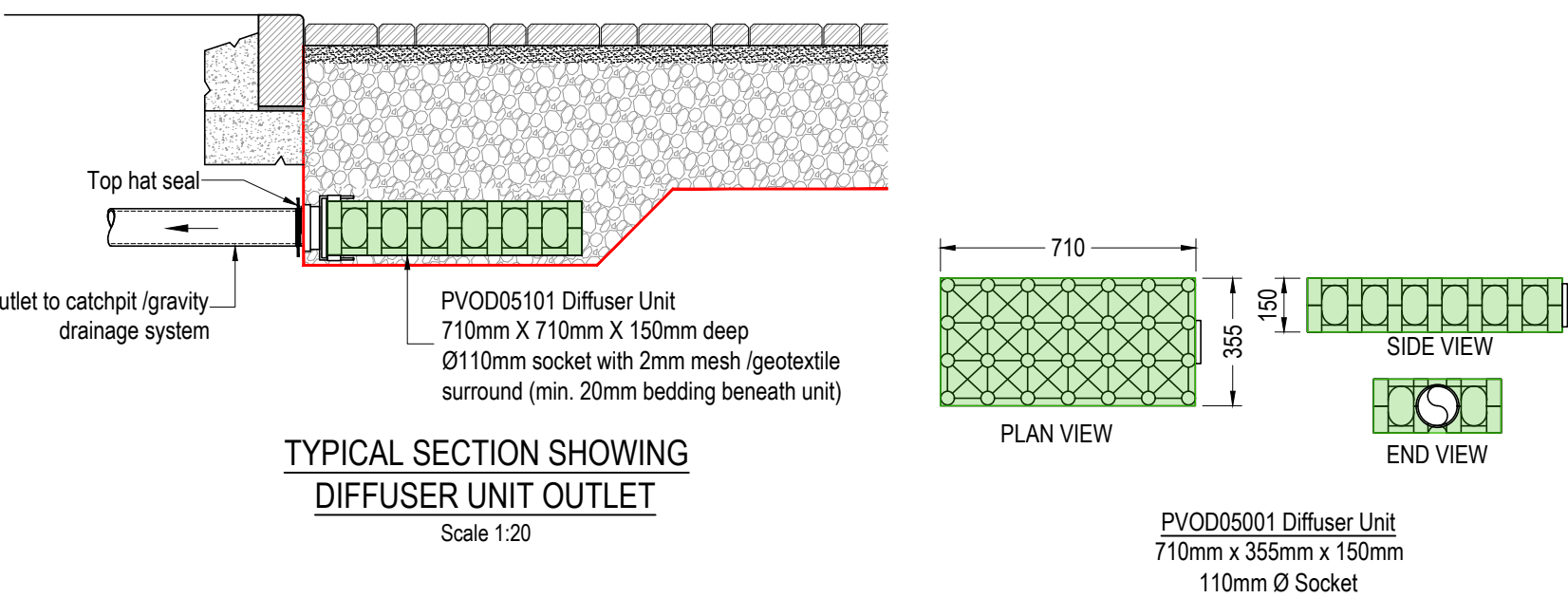
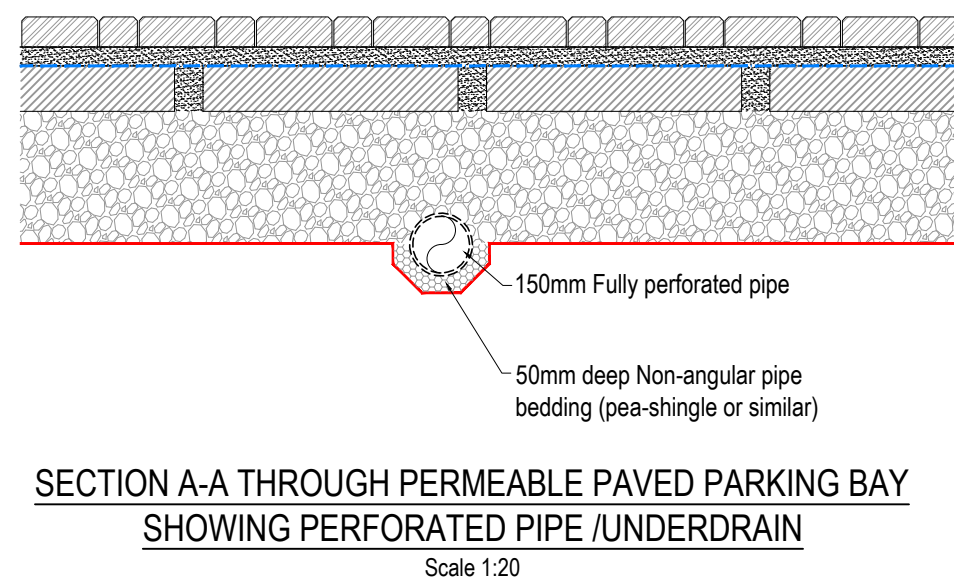
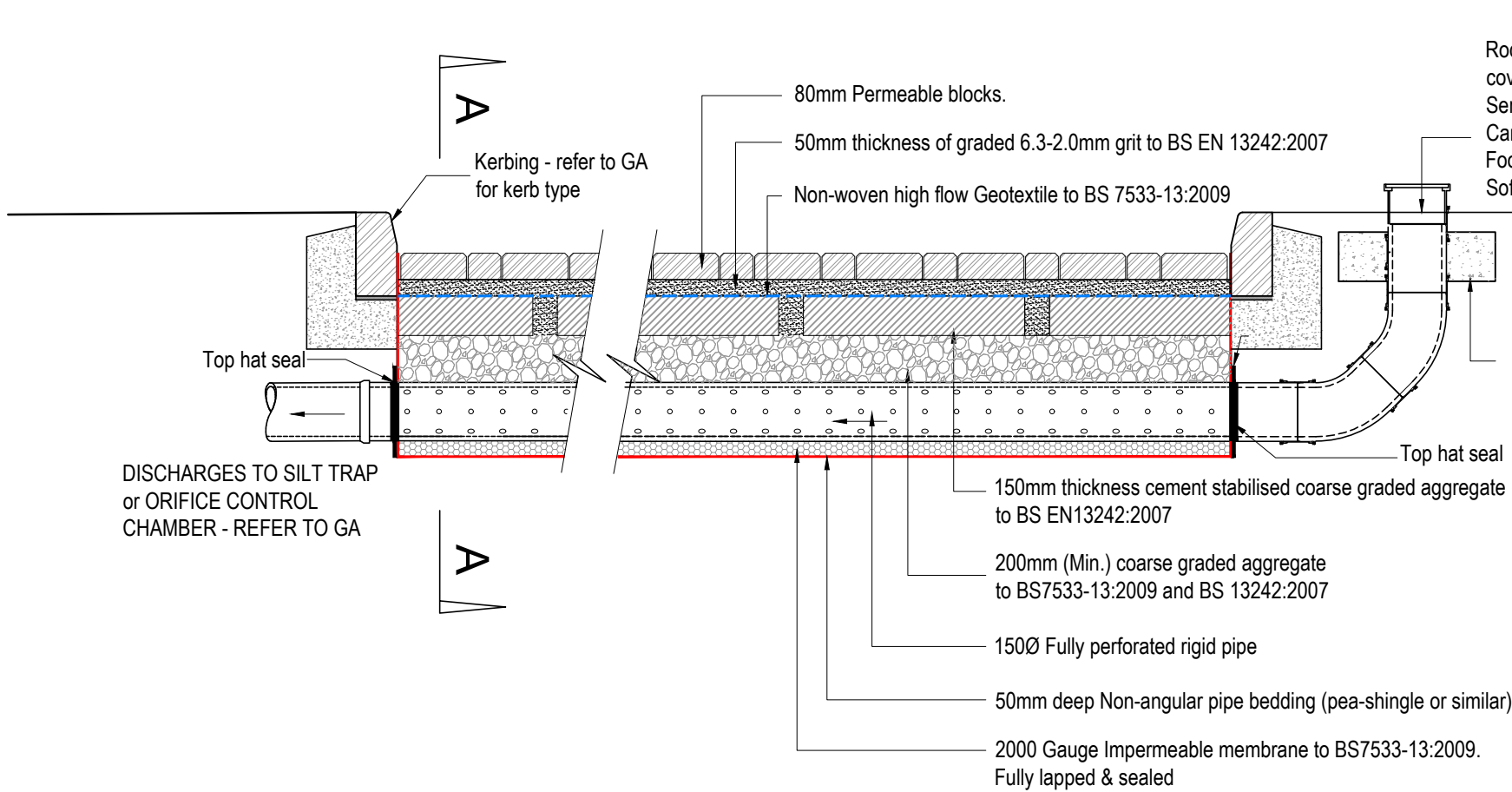
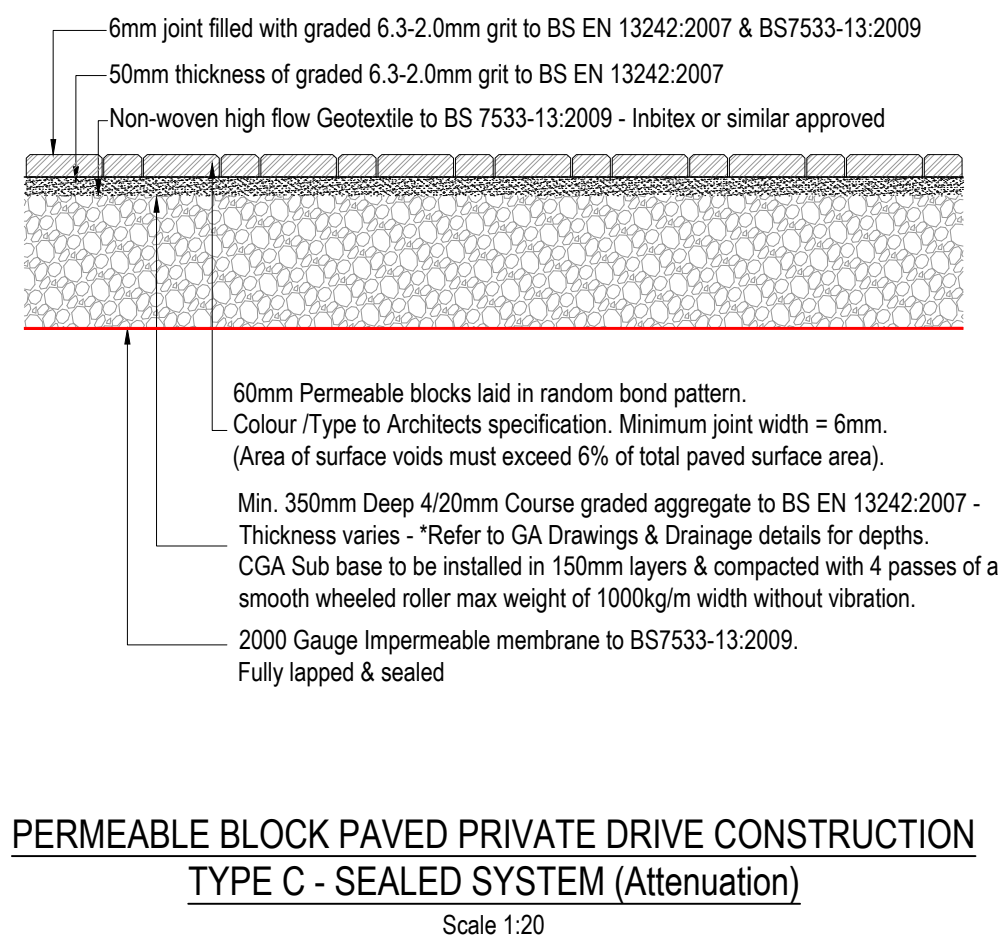


TABLE 4 - Capping or Coarse Graded Aggregate (CGA) Depths for permeable paved areas

CBR of Subgrade	CGA Depth Increase for System A or System B (infiltrating) pavements ¹		Total thickness of capping material in the case of System C (detention) pavements
	Without Geogrid	With Geogrid	
1%	300	175	600 ²
2%	175	125	350
3%	125	100	250
4%	100		200
5%-15%	Use thickness in design details or GA drawings		150

¹ Note that the additional coarse graded aggregate values in this column can be applied, in the case of System C pavements, instead of the enhanced capping thickness shown

² Refer to Engineer to confirm suitability

² Capping layer to be 6F1, 6F2 or 6F5 to SHW 613 (May incorporate geogrid to reduce depth) - Capping only suitable for Type C Systems (no-infiltration)

THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT NEWPORT CITY COUNCIL SAB AND HIGHWAYS DEPARTMENTS SPECIFICATION AND CONSTRUCTION PUBLICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION

REV.	DATE.	DETAILS.	AMENDMENTS	BY.	CHK.



PROJECT: Old Town Dock

DRAWING TITLE: Drainage Details Sheet 3

DRAWN:	CHK:	STATUS:	SCALE AT A1:
MP	SJD	PRELIMINARY	1:20
DATE:	JOB NO.	DWG. NO.	REV.
Oct' 2024	2179	110-3	/