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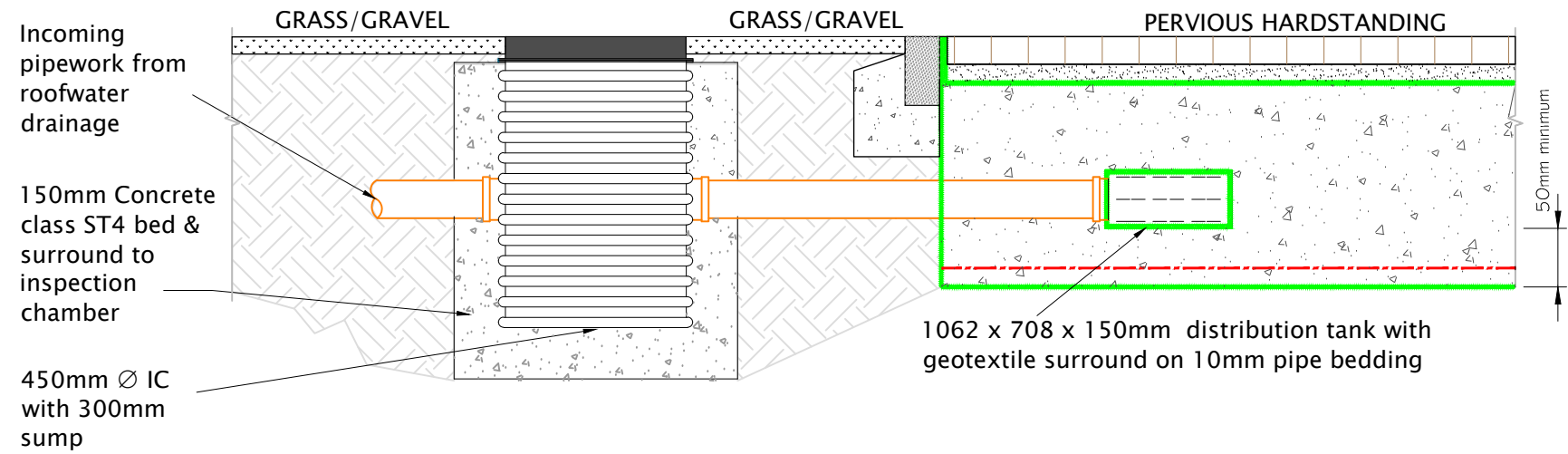
1. DO NOT SCALE – Use figured dimensions only.
2. All dimensions shown are in millimetres unless otherwise stated.
3. All levels are in metres above ordnance datum unless otherwise stated.
4. The Contractor is to verify all dimensions on site before commencing work.
5. This drawing is to be read in conjunction with all Engineers and Architects drawings
6. Site investigation indicates CBR of >5%.

Recommended BSEN 12620 aggregate grading (mm)	Type 3 Sub-Base Material 4/40	Laying Course & Joint Filling Material 2/6.3
Recommended BSEN 12620 grading	Gc80 / 20 GTc20 / 15	Gc80 / 20 GTc20 / 15
Grading Details		
Sieve size (mm)	% by mass passing ISO656 sieve	
80	100	
40	80 to 99	
20	50 to 78	
14	100	
10	31 to 60	98 to 100
6.3	80 to 99	
4	18 to 46	
2	10 to 35	0 to 20
1	6 to 26	0 to 5
0.500	0 to 20	
0.063	0 to 5	0 to 2

TABLE 1 – AGGREGATE GRADING

Subgrade CBR (%)	Adjustment to thickness of open graded crushed rock course (mm).
>5	use 250
5	use 250
4	250+100
3	250+125
2	250+175
1	250+300

TABLE 2 – SUB-GRADE IMPROVEMENT FOR LOW CBR VALUES

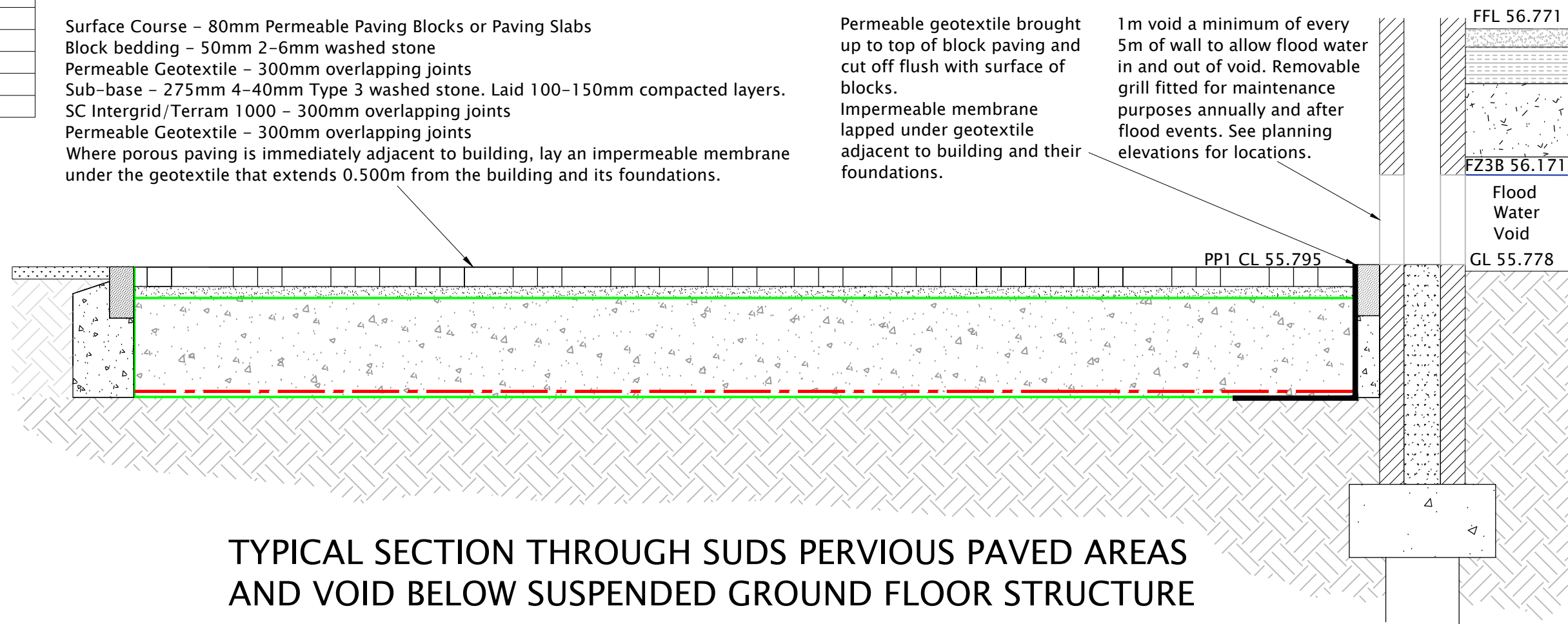


TYPICAL RAINWATER DISTRIBUTION PIPE DETAIL

Surface Course – 80mm Permeable Paving Blocks or Paving Slabs
 Block bedding – 50mm 2–6mm washed stone
 Permeable Geotextile – 300mm overlapping joints
 Sub-base – 275mm 4–40mm Type 3 washed stone. Laid 100–150mm compacted layers.
 SC Intergrid/Terram 1000 – 300mm overlapping joints
 Permeable Geotextile – 300mm overlapping joints
 Where porous paving is immediately adjacent to building, lay an impermeable membrane under the geotextile that extends 0.500m from the building and its foundations.

Permeable geotextile brought up to top of block paving and cut off flush with surface of blocks.
 Impermeable membrane lapped under geotextile adjacent to building and their foundations.

1m void a minimum of every 5m of wall to allow flood water in and out of void. Removable grill fitted for maintenance purposes annually and after flood events. See planning elevations for locations.



TYPICAL SECTION THROUGH SUDS PERVIOUS PAVED AREAS AND VOID BELOW SUSPENDED GROUND FLOOR STRUCTURE

Client: Mr A Hassan	Project: 332 Abingdon Road, OX1 4TQ Project Ref: FEDS-222106	Title: SuDS Details	Drawn by: DKP Date: 23.10.23 Dwg.no: FEDS-222106-005	Checked by: SLD Scale: 1:20 Rev: A	Size: A3	Forge Engineering Design Solutions Forge House 30 Digging Lane Fyfield, Abingdon Oxfordshire, OX13 5LY tel: 01865 362 780 info@f-eds.co.uk www.f-eds.co.uk
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