

**Notes-**  
This drawing is copyright and must not be copied in part or in whole unless agreed with Avie Consulting Ltd

All dimensions are in millimetres unless noted otherwise  
DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK

- All dimensions & levels to be checked by the contractor prior to commencement of work, any discrepancy shall be reported immediately to Avie Consulting Ltd
- All work shall be carried out in accordance with Local Authority, statutory authority, health & safety requirements and regulations.
- The drawings shall be read in accordance with all other contract documents relevant at that time of issue and during the period of the contract.
- The contractor must ensure the overall stability of the works is adequate at all stages of the construction.
- No allowance has been made for cutouts, holes, notches, etc. for services. All of these are to be agreed prior to the start of the works.

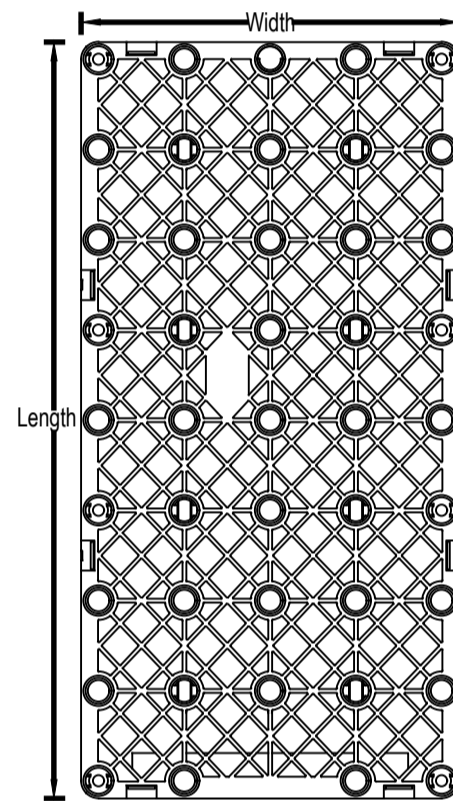
POLYSTORM TABLE									
NAME	CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	A (mm)	VERTICAL STRENGTH (kN/m <sup>2</sup> )	LATERAL STRENGTH (kN/m <sup>2</sup> )	COLOUR	MATERIAL
Polystorm - R	PSM1A	1000	500	400	25	610	63	Black	Recycled Polypropylene

POLYSTORM TABLE - CELL COMPLETE WITH COUPLER										
NAME	CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	A (mm)	B (mm)	VERTICAL STRENGTH (kN/m <sup>2</sup> )	LATERAL STRENGTH (kN/m <sup>2</sup> )	COLOUR	MATERIAL
Polystorm - R	PSMCRD225	1000	500	400	46	136	610	63	Black	Recycled Polypropylene
Polystorm - R	PSMCRD300	1000	500	400	46	145	610	63	Black	Recycled Polypropylene

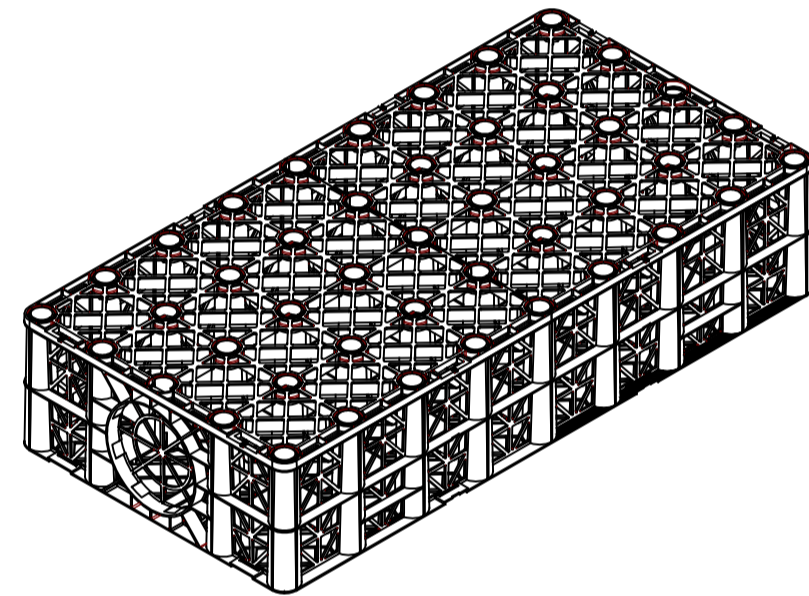
POLYSTORM FLANGE ADAPTER TABLE			
FLANGE CODE	Ø (mm)	X (mm)	Y (mm)
PSMFA225	225	385	450
PSMFA300	300	385	450

\* Flange adapters are compatible with the PSM1, PSM1A & PSM2 cells.  
\* Consideration to hydraulic performance should be taken when using a flange adapter

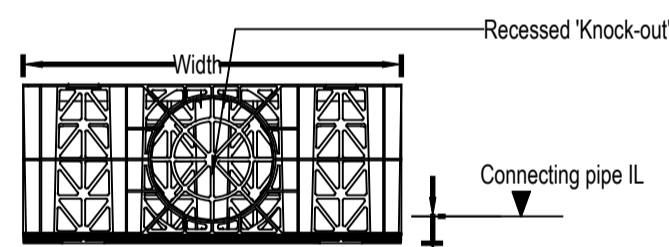
**POLYSTORM CELL**  
Product Code: PSM1A



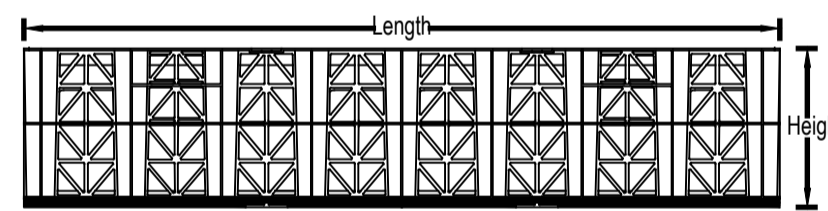
**PLAN VIEW**  
Scale 1:10



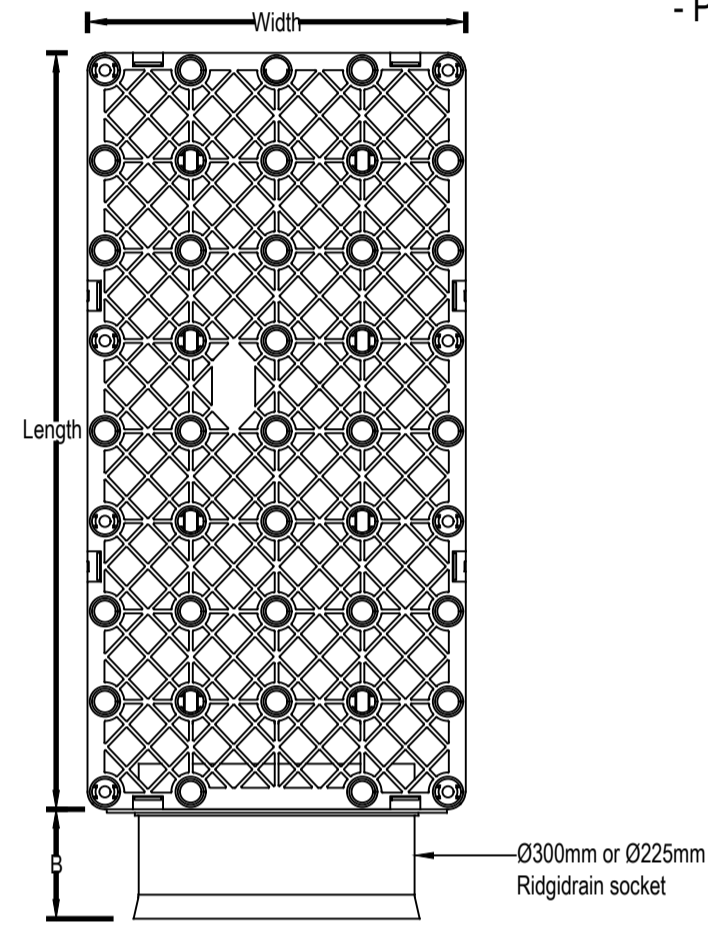
**ISOMETRIC VIEW**  
Scale 1:10



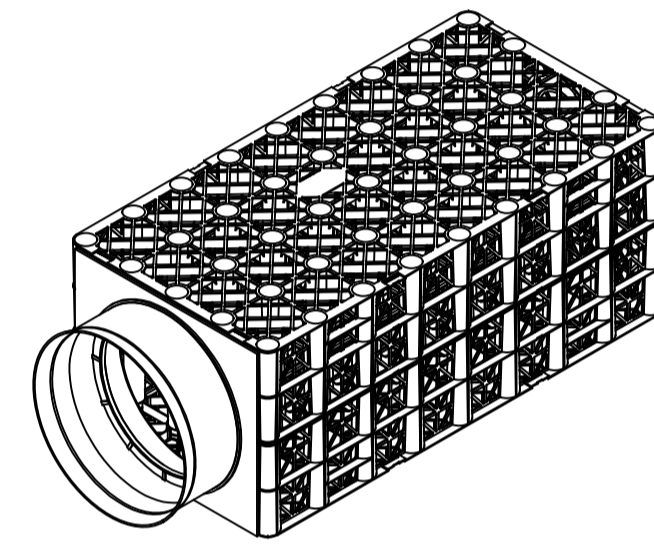
**END ELEVATION**  
Scale 1:10



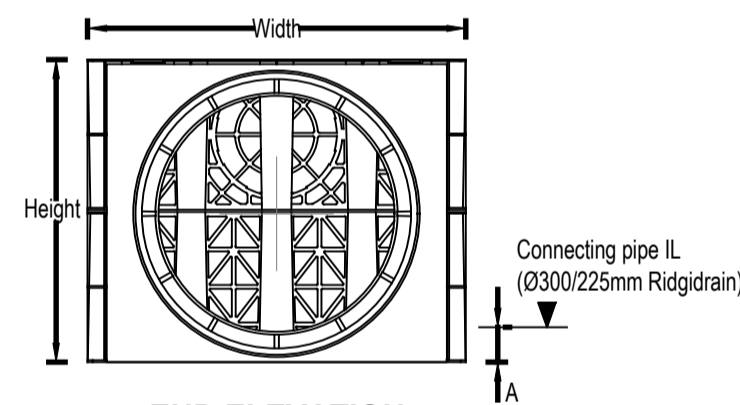
**SIDE ELEVATION**  
Scale 1:10



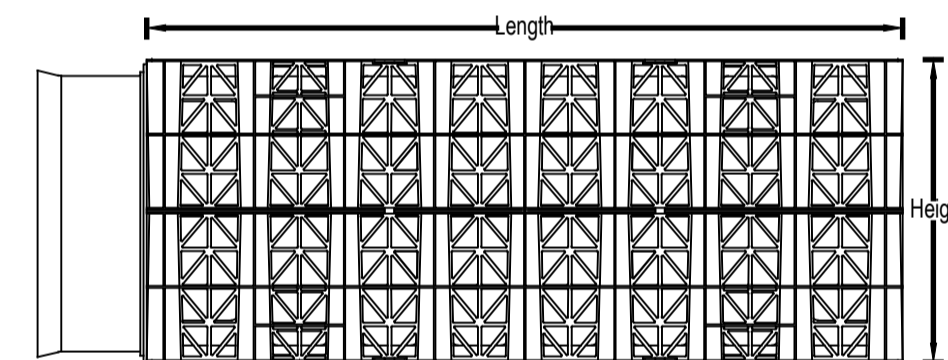
**PLAN VIEW**  
Scale 1:10



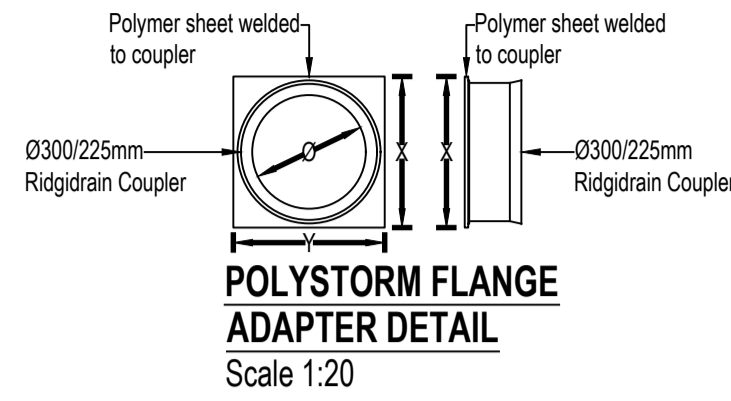
**ISOMETRIC VIEW**  
Scale 1:10



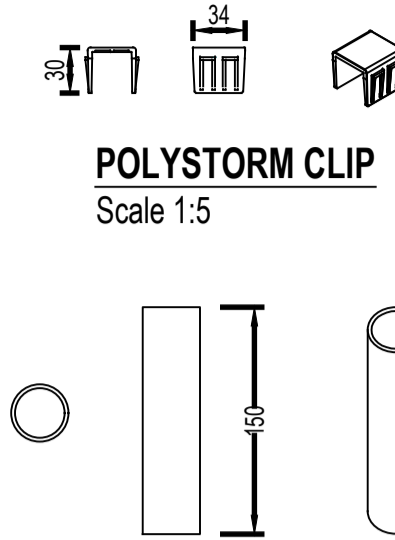
**END ELEVATION**  
Scale 1:10



**SIDE ELEVATION**  
Scale 1:10



**POLYSTORM FLANGE ADAPTER DETAIL**  
Scale 1:20

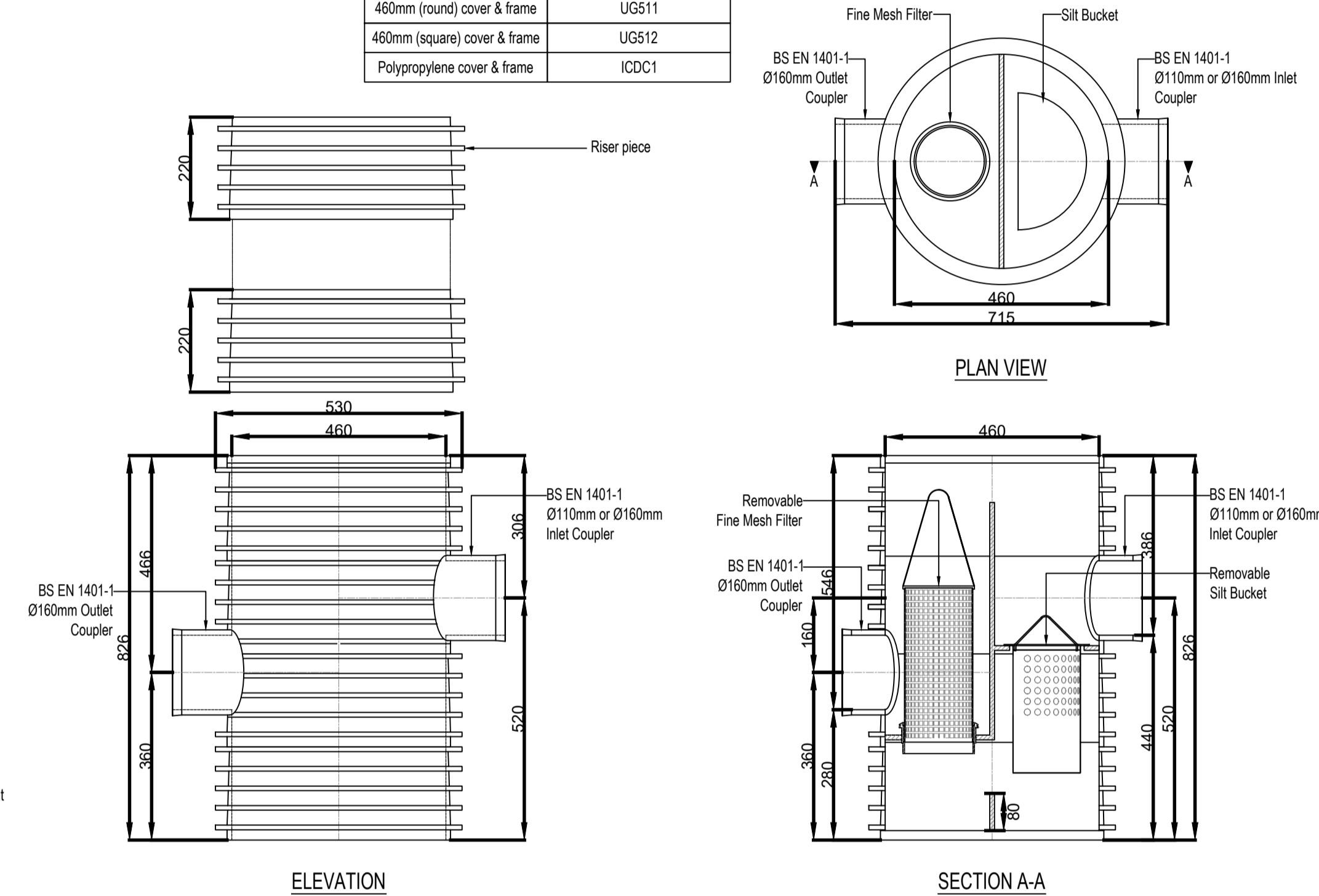


**POLYSTORM CLIP**  
Scale 1:5

**POLYSTORM SHEAR CONNECTOR**  
Scale 1:5

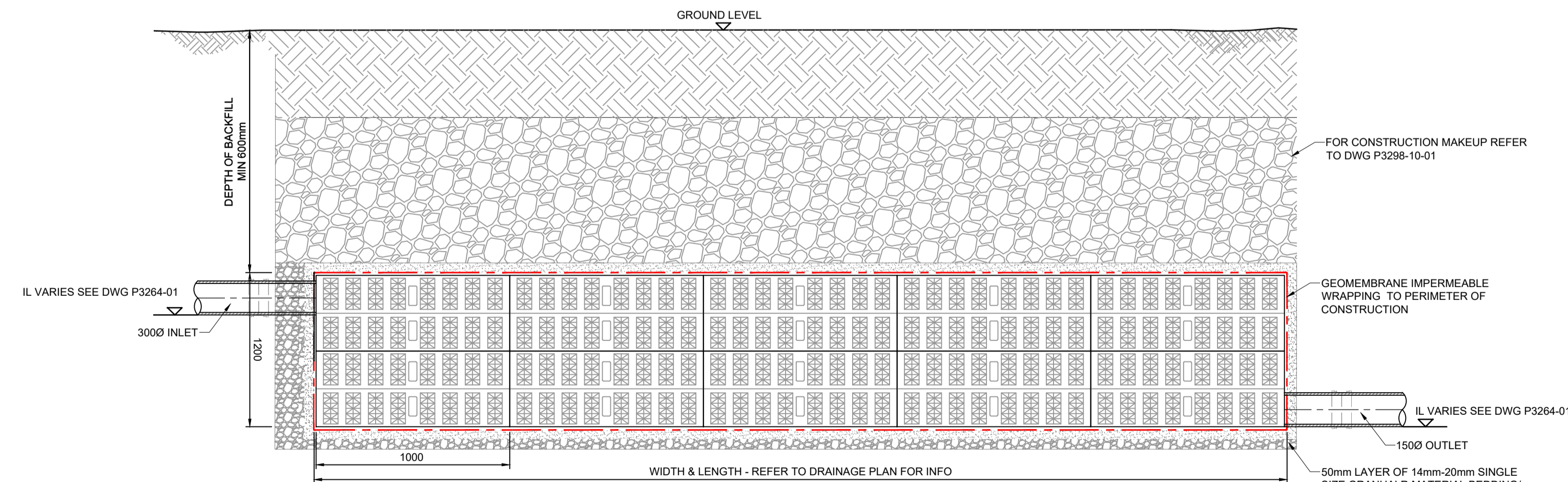
**POLYSTORM CELL - COMPLETE WITH COUPLER**  
- PSMCRD225  
- PSMCRD300

COVER AND FRAME	PRODUCT CODE
460mm (round) cover & frame	UG511
460mm (square) cover & frame	UG512
Polypropylene cover & frame	ICDC1



**POLYPIPE ADVANCED SILT TRAP (MH CP)**

Scale 1:10

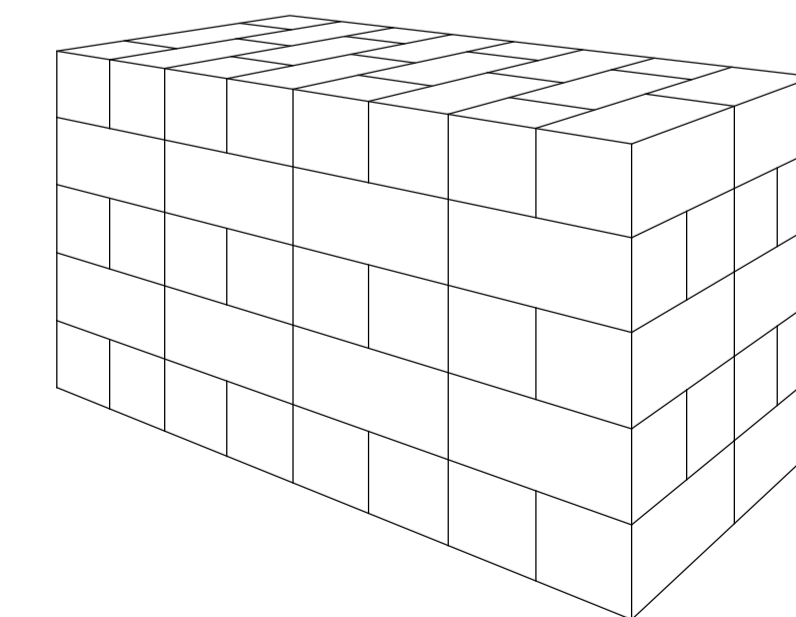


**ATTENUATION CELLS TYPICAL DETAIL**  
SCALE 1:20

FOR SPECIFIC SIZES AND LEVEL INFORMATION REFER TO DRAINAGE PLAN

ATTENUATION DETAIL IS TYPICAL AND SPECIFIC DETAILS SUCH BE CONFIRMED/ OBTAINED FROM CHOSEN TANK MANUFACTURER

TANK DESIGN BASED ON PLYPIPE PLOYSTORM-R MODULAR CELL



**TYPICAL ATTENUATION CELLS LAYOUT**  
N.T.S.

C01	Construction Issue	P.A.S.	P.A.S.	01/04/2021
0	Initial Issue	P.A.S.	P.A.S.	28/03/2021
Rev	Details	By	Chk	Date
6 Killingbeck Court, Killingbeck Office Village, Killingbeck Drive, Leeds LS14 6FD. Tel: 0113 249 7416 www.avie-consulting.co.uk				
Client: Elliott Off-Site Solutions				
Project: Carnaby Manufacturing Site Improvements				
Title: Typical Attenuation Details				
Drawn:	P.A.S.	Checked:	S.A.B.	Date: Mar 2021
Scale:	1:20	Original dwg size:	A1	
Drawing Number:	FACT-AVE-ZZ-XX-DR-D-00003			Rev: C01