

GENERAL TOLERANCES

All dimensions in millimetres, unless otherwise stated

PIPE Ø RANGE	TOLERANCE +
≤ 300	5
> 300 to 750	10
≥ 750 NON-RXL	20
≥ 750 RXL	+50 / -30

ANGLES	+ 1°30'
TYPICAL BENCHING SLOPE	1.9° - 5.7°
EXTERNAL BASE FLANGE	50 + 20
ALL OTHER DIMENSIONS	+50 / -30

- NOTES:
- Standard spigots in accordance with ES23
 - All dimensions annotated with * indicate points of intersection
 - If applicable, dimensions annotated with KD# are key BIM dimensions
 - Remove all burrs and break sharp edges
 - Spark test all joints that require leak-tightness
 - Team leader inspection points identified by: 1 2 3

GENERAL NOTES

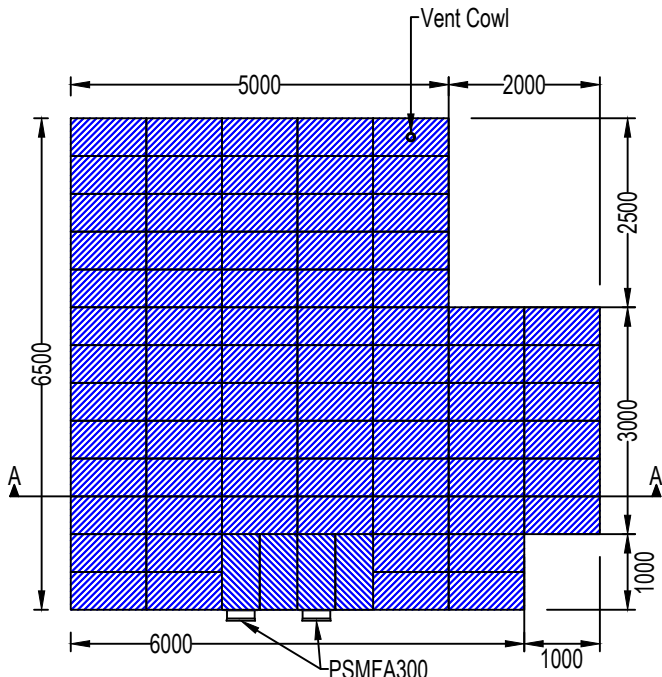
- This drawing details Polypipe Civils proposed offering, reflecting our interpretation of the information provided.
- Polypipe bespoke Ridgistorm-XL chambers are complete pre-formed units.
- Polypipe products to be installed in accordance with Polypipe Civils recommendations (refer to Polypipe technical guidance for further information), giving due consideration to the requirements of the organisation who will take ultimate ownership of the installation.
- Site conditions may require specific installation requirements. The installer should verify that the proposed installation method is acceptable, giving due consideration to the requirements of the relevant approving and adopting authorities, before construction activities commence.
- Advice on any system requirements specific to the proposed Ridgistorm XL system should be sought from Polypipe Civils.
- All PE stub connections will require adaptors (to be supplied by Contractor / Developer).

DRAWING NOTES

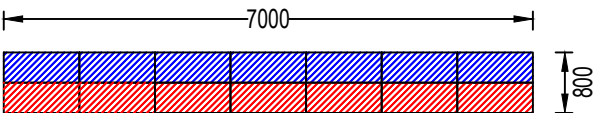
- Drawings should not be scaled, refer to figured dimensions only.
- All dimensions in millimetres, unless otherwise stated.
- All dimensions are nominal and may vary within manufacturing or construction tolerances.
- All site temporary and enabling works by others.
- This drawing is intended for guidance only. Confirmation of the information contained within this document should be sought from the consulting engineers before final design or construction activities commence.

COVER SLAB THICKNESS

- Where cover slabs are applicable, the slab thickness (shown in red) has been assumed and therefore needs to be confirmed by others.



Polystorm Attenuation Tank - Plan View
Scale (1:100)

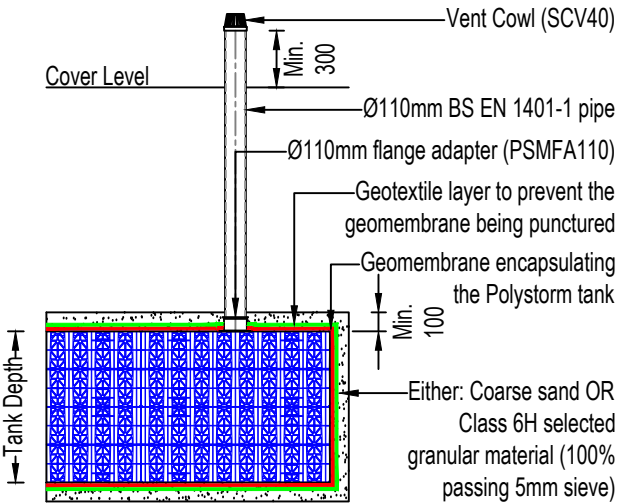


Polystorm Attenuation Tank - A-A Section
Scale (1:100)

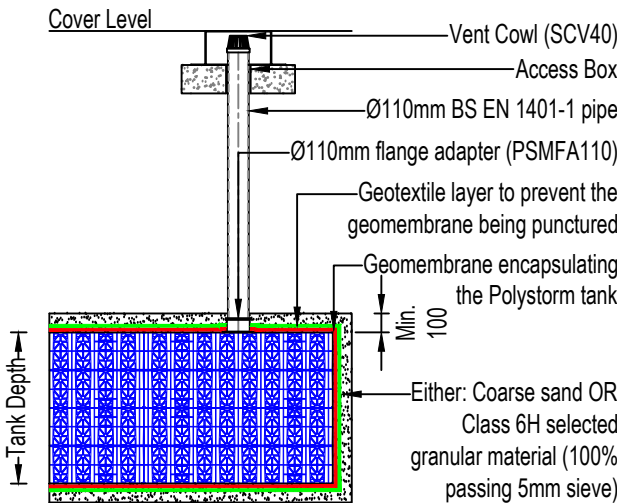
PROPOSED POLYSTORM STRUCTURE	
Plan Area	39.5m ²
Tank Volume	31.6m ³
Storage	30.02m ³
Polystorm-R Units	79 (PSM1A)
Polystorm-Deep Units	79 (PSM5)

LEGEND:

- Polystorm-R Units (PSM1A)
- Polystorm-Deep Units (PSM5)



ATTENUATION TANK VENTILATION
SYSTEM - OPTION 1)
Scale (1:40)



ATTENUATION TANK VENTILATION
SYSTEM - OPTION 2)
Scale (1:40)



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PROJECT NAME
CO Hamilton Homes - Sefter Road, Pagham North,
Bognor Regis

PROJECT TYPE
Polystorm Attenuation Tank
- General Arrangement

STATUS		
PRELIMINARY		
SHEET SIZE	SHEET NO.	DRAWN BY
A3	1 of 1	DR
SCALE	DATE	
AS SHOWN	21/03/22	
DRAWING NO.	REV.	
79482_DR_D1	-	