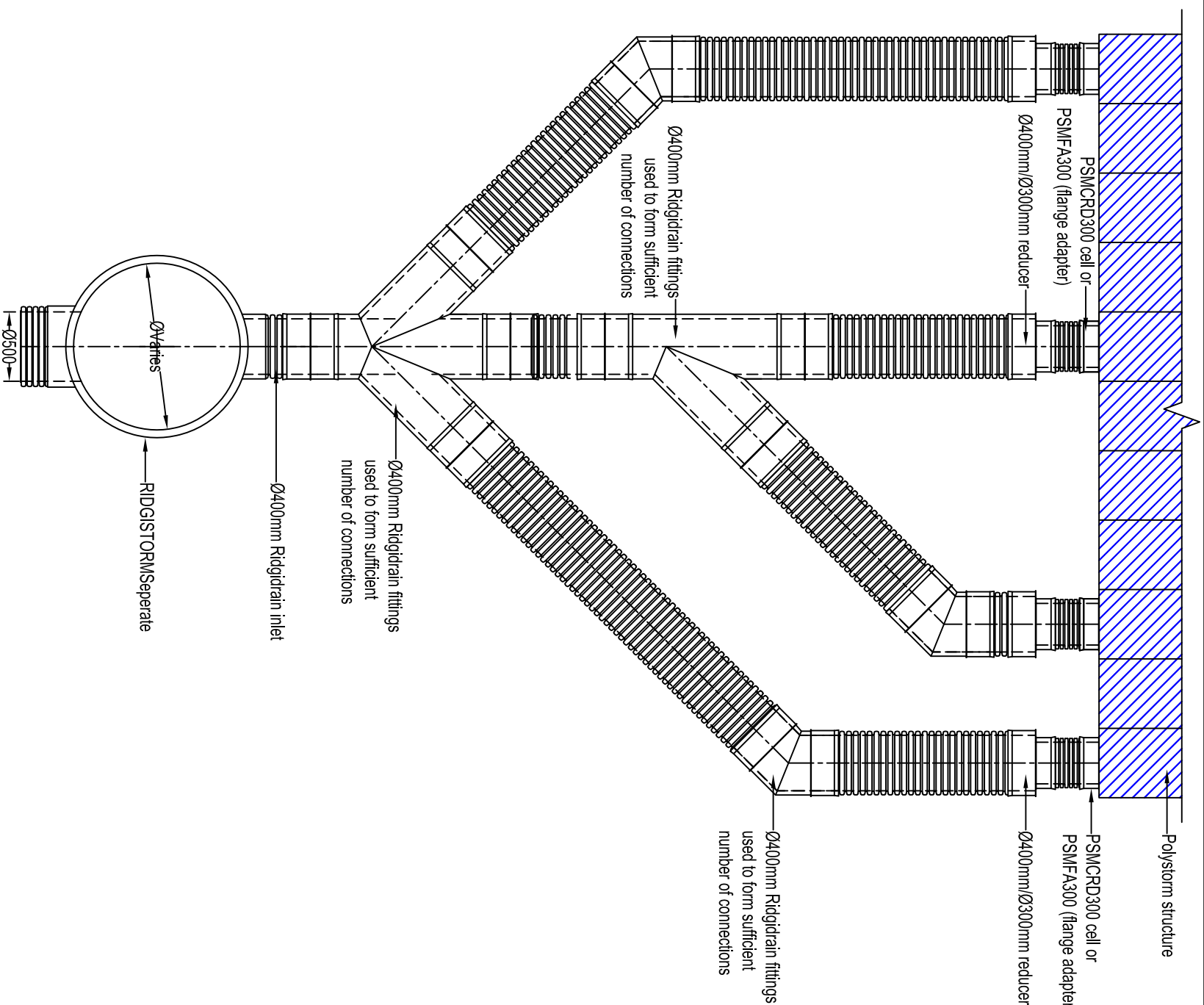


**450mm INLET MANIFOLD EXAMPLE - PLAN VIEW**  
Scale 1:40



**Ø500mm INLET MANIFOLD EXAMPLE - PLAN VIEW**  
Scale 1:40

POLYSTORM MANIFOLD VOLUME TABLE	
Diameter	Volume M <sup>3</sup> S
Ø100mm	0.007
Ø150mm	0.022
Ø225mm	0.065
Ø300mm	0.138
Ø375mm	0.248
Ø400mm	0.294
Ø450mm	0.401
Ø500mm	0.528
Ø600mm	0.851

\*\*The above information has been taken from tables for the hydraulic design of pipes and sewers 4th edition based on a K value of 0.06mm and a gradient of 1/100\*\*

**POLYSTORM MANIFOLD NOTES**

- No. of manifold connections has been calculated from the Polystorm Manifold Volume Table, using the Volume m<sup>3</sup>s.

**POLYSTORM SYSTEM NOTES**

- Standard Polystorm units have a Ø160mm BS EN 1401-1 connection. Polystorm units can be fabricated with either a Ø225mm or Ø300mm Ridgidrain connection please refer to relevant details.

**NOTES**

- 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.
- 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 be taking ultimate owner ship of the installation.
- 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.

**POLYSTORM STANDARD DETAILS**

PROJECT	POLYSTORM STANDARD DETAILS		
TITLE	POLYSTORM Ø450mm - Ø500mm ALTERNATIVE	ORIGINAL SIZE	A3
SCALE	AS SHOWN	DRAWING NO.	PSM_SD_012



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