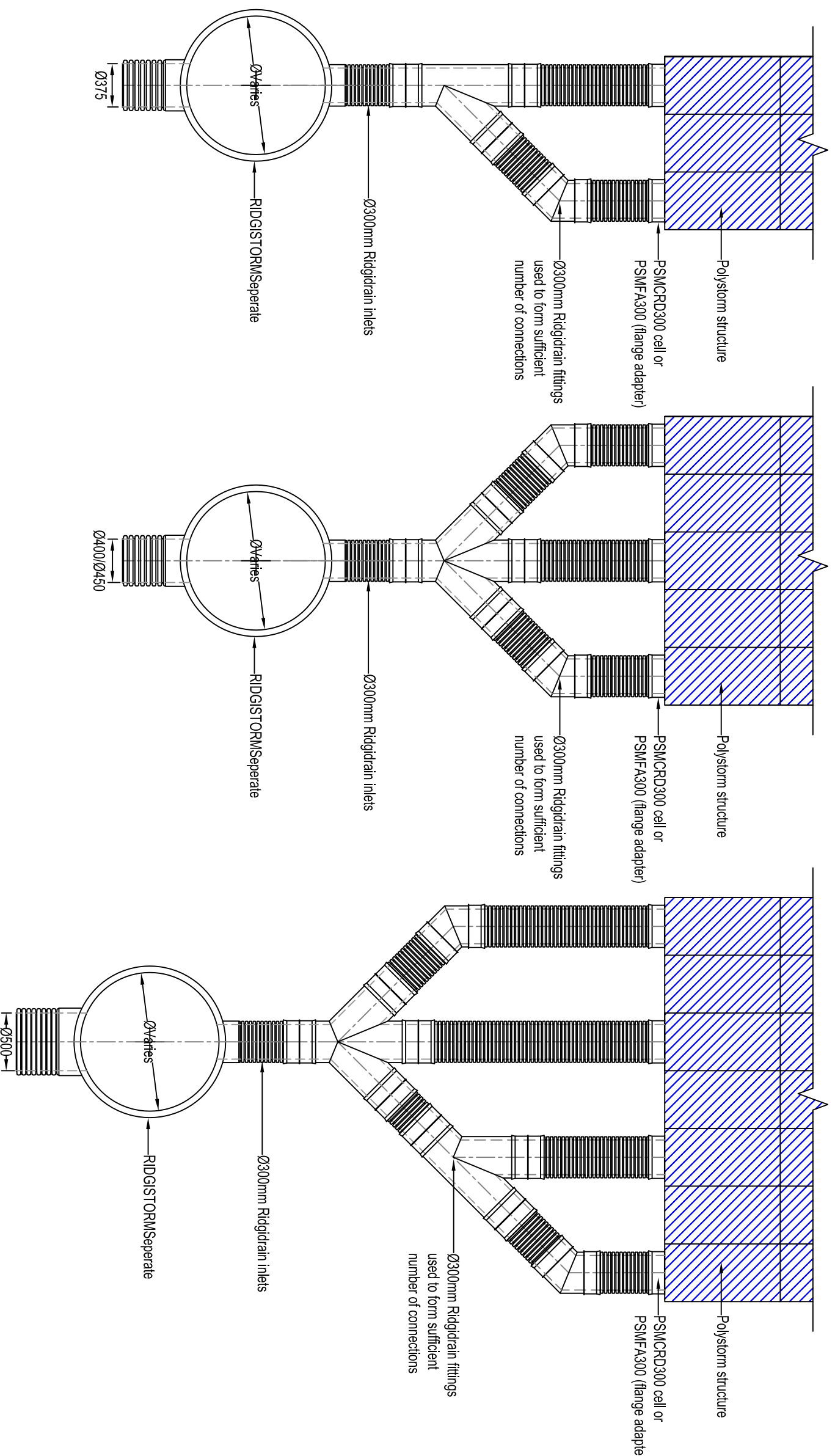


POLYSTORM MANIFOLD VOLUME TABLE	
Diameter	Volume M ³ S
Ø100mm	0.007
Ø150mm	0.022
Ø225mm	0.065
Ø300mm	0.138
Ø375mm	0.248
Ø400mm	0.294
Ø450mm	0.401
Ø500mm	0.528
Ø600mm	0.851

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



Ø375mm INLET MANIFOLD EXAMPLE

PLAN VIEW

Scale 1:40

Ø400/450mm INLET MANIFOLD EXAMPLE

PLAN VIEW

Scale 1:40

Ø500mm INLET MANIFOLD EXAMPLE

PLAN VIEW

Scale 1:40

- POLYSTORM MANIFOLD NOTES**

 - No. of manifold connections has been calculated from the Polystorm Manifold Volume Table, using the Volume m³s.
- 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 ownership 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.



Polypipe Civils

Charmwood Business Park,
North Road, Loughborough,
Leicestershire, LE11 1LE

Tel: 01509 615100
Fax: 01509 615215
www.polypipe.com/civils
www.polypipe.com/wms

POLYSTORM STANDARD DETAILS

**POLYSTORM Ø375mm - Ø500mm INLET
MANIFOLD EXAMPLES**

PROJECT

STATUS
FOR INFORMATION

TITLE

DATE
09/03/17

ORIGINAL SIZE

SCALE
AS SHOWN

DRAWING NO.

PSM_SD_010

The information in this document is of an illustrative nature and is supplied by Polypipe Civils without charge. This document does not form the whole or any part of a contract or intended contract with the user. The information within this document should not be solely relied upon to determine the suitability or installation requirements of our products for a proposed application and expected site conditions; expert advice should be sought in this respect. Final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user and the user must assume all risk and liability in connection therewith. Further information with regard to liabilities may be found at www.polypipe.com/disclaimer.