

Note:
All builders work and manhole covers by others

Appropriately load rated cover & frame in accordance with BS EN 124. Clear access opening above ladder to be maintained (By Others)

Class B engineering brick (min 2 - max 4 courses) or precast concrete cover frame sealing rings (by others).

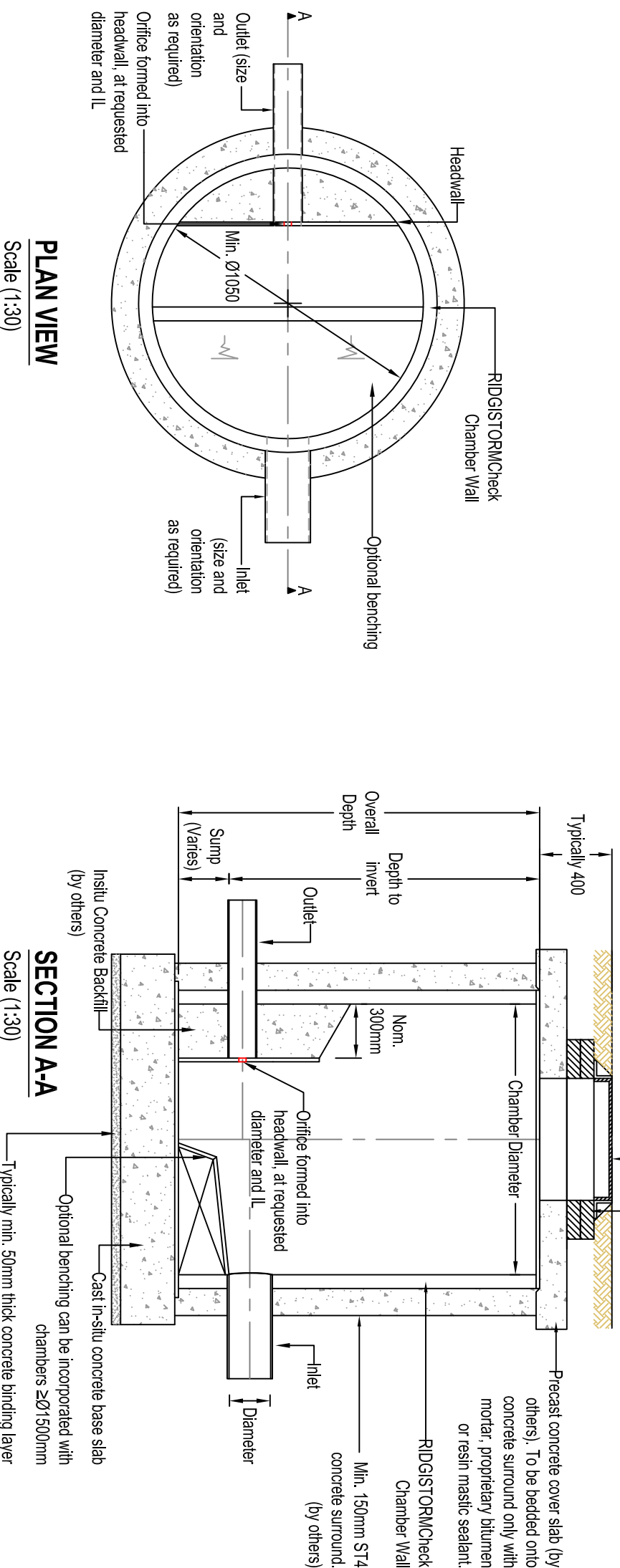


Table 1) Typical Chamber Specification

Chamber diameter (Ømm)	1050	1200	1500	1800	2100	2400	2700	3000
Step Rungs / Ladder	✓ ²⁾	✓	✓	✓	✓	✓	✓	✓
Lifting Lugs	✓	✓	✓	✓	✓	✓	✓	✓
Connections (Refer to Manhole sheet)	✓	✓	✓	✓	✓	✓	✓	✓
Benching and channeling	✓	✓	✓	✓	✓	✓	✓	✓


1. Typically step rungs are only used to a depth of 3m, once this depth is exceeded ladders are typically required.
2. Ladders cannot be used in chamber diameters smaller than Ø1200mm
3. Lifting points are available in standard, extended and heavy duty forms, the correct lifting points will be chosen dependant on weight and diameter.

Table 2) Information Required for Orifice Flow Control Specification

Internal chamber diameter (Ømm)	
Orifice Diameter	
Outlet pipe Diameter (Ømm)	
Benching Required (Y/N)	

- NOTES - Step Rungs and GRP Ladders**
1. Polypipe Civils can supply man access chambers with pre-installed step rungs or ladder. Please refer to Polypipe Ridgistor-XL Technical Guide and standard detail RST_SD_CM_002.
 2. Installer to ensure access to manholes to comply with HSE Safe work in confined spaces: Confined Spaces Regulations 1997 Approved Code of Practice (ACOP) L101 (Third Edition, published 2014).
- NOTES - Lifting Points**
1. Polypipe Civils can supply access chambers with pre-installed lifting lugs; subject to technical assessment. Please refer to Polypipe Ridgistor-XL Technical Guide and standard detail RST_SD_CM_001.
- NOTES - Stub Connections and Rocker Pipes**
1. Polypipe Civils supply stub connections and rocker pipes if required. For guidance please refer to Polypipe Ridgistor-XL Technical Guide and standard detail RST_SD_FT_003.
- NOTES**
1. All dimensions in millimetres, unless otherwise stated.
 2. All dimensions are nominal and may vary within manufacturing or construction tolerances.
 3. All site temporary and enabling works by others.
 4. Ridgistor-XL units 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 approving and adopting organisation(s) who will be taking ultimate ownership of the installation.
 5. Dimensions are based on a minimum stiffness class SN2 pipe; corresponding to the standardised pipe profiles current at the time of this drawing's issue.
 6. 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.
 7. Unless otherwise stated, all Ridgistor-XL is supplied to site without direct means of lifting incorporated. The lift supervisor must assess and plan the lift, in the circumstances of the lift, and provide slings and/or other controls as deemed necessary to ensure a safe lift.
 8. Minimum and maximum chamber depths applicable, dependant on project specification and fabrication restrictions.

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PROJECT: **RIDGISTORMCheck**

TITLE: **ORIFICE PLATE FLOW CONTROL CHAMBER**

STATUS: **FOR INFORMATION**

DATE: 16/03/16	DRAWN BY: JL
ORIGINAL SIZE: A3	SCALE: AS SHOWN
DRAWING NO: RST_SD_CH_005	REV: