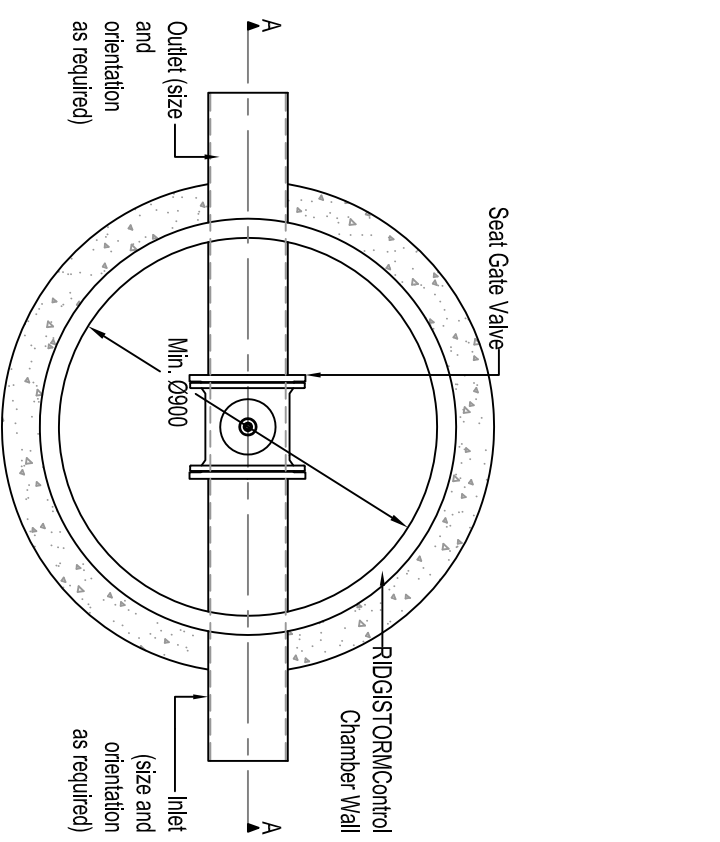


Note.
All builders work and manhole covers by others

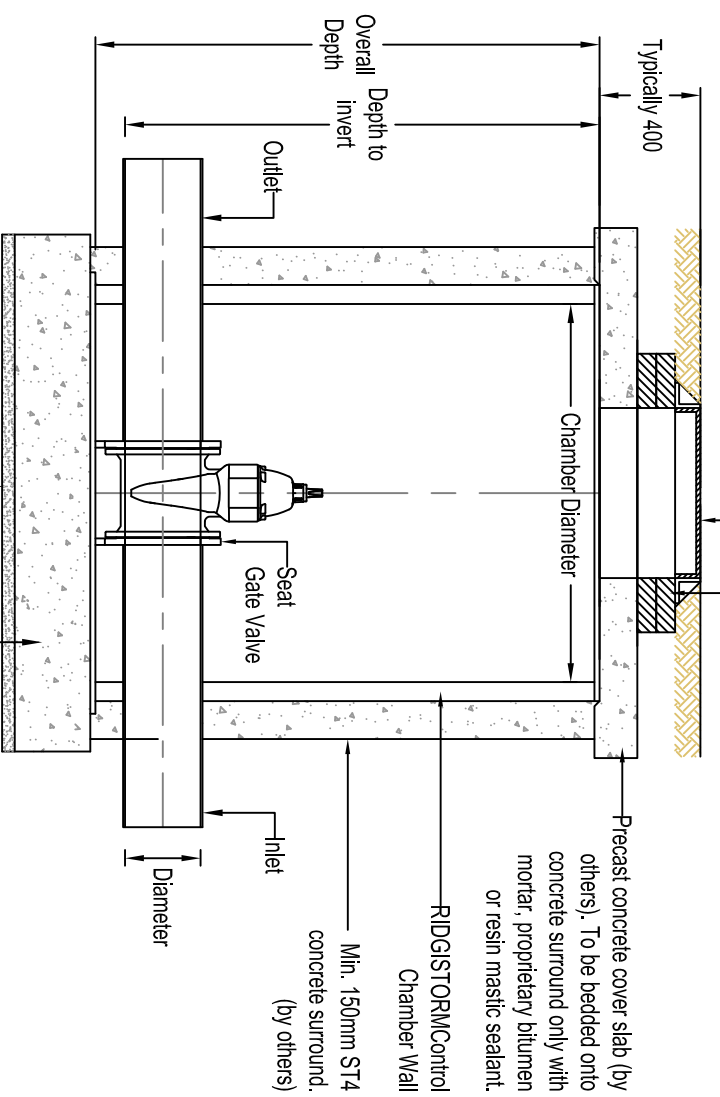
Appropriately load rated cover & frame in accordance with BS EN 124. Clear access opening above ladder to be maintained (By Others)

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



PLAN VIEW

Scale (1:30)



SECTION A-A

Scale (1:30)

Table 1) Typical Chamber Specification

Chamber diameter (Ømm)	900	1050	1200	1500	1800	2100	2400	2700	3000
Step Rungs / Ladder	*	✓ 2)	✓	✓	✓	✓	✓	✓	✓
Lifting Lugs	✓	✓	✓	✓	✓	✓	✓	✓	✓
Connections (Refer to Manhole sheet)	Connections available from 100mm - 3000mm - Dependant on Technical Approval								
Benching and channeling	*	*	*	✓	✓	✓	✓	✓	✓

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

NOTES - Step Rungs and GRP Ladders

- Polypipe Civils can supply man access chambers with pre-installed step rungs or ladder. Please refer to Polypipe RidgistorM-XL Technical Guide and standard detail RST_SD_CM_002.
- 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

- Polypipe Civils can supply access chambers with pre-installed lifting lugs; subject to technical assessment. Please refer to Polypipe RidgistorM-XL Technical Guide and standard detail RST_SD_CM_001.

NOTES - Stub Connections and Rocker Pipes

- Polypipe Civils supply stub connections and rocker pipes if required. For guidance please refer to Polypipe RidgistorM-XL Technical Guide and standard detail RST_SD_FT_003.

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.
- RidgistorM-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.
- 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.
- 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.
- Unless otherwise stated, all RidgistorM-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.
- Minimum and maximum chamber depths applicable, dependant on project specification and fabrication restrictions.



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PROJECT

RIDGISTORMControl

FOR INFORMATION

TITLE

SEAT GATE VALVE CHAMBER

STATUS

FOR INFORMATION

DATE

16/03/16

DRAWN BY

JL

ORIGINAL SIZE

A3

SCALE

AS SHOWN

DRAWING NO.

RST_SD_CO_002

REV.

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