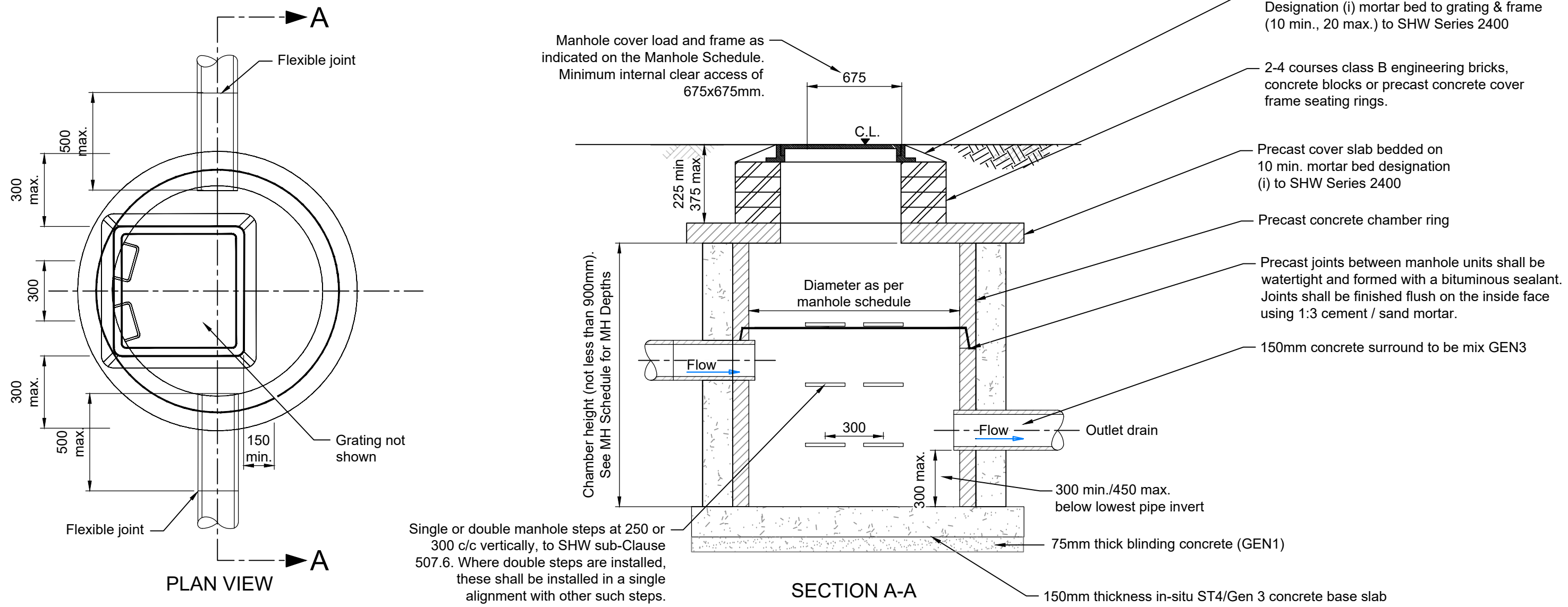


(DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE LESS THAN 3.0m)

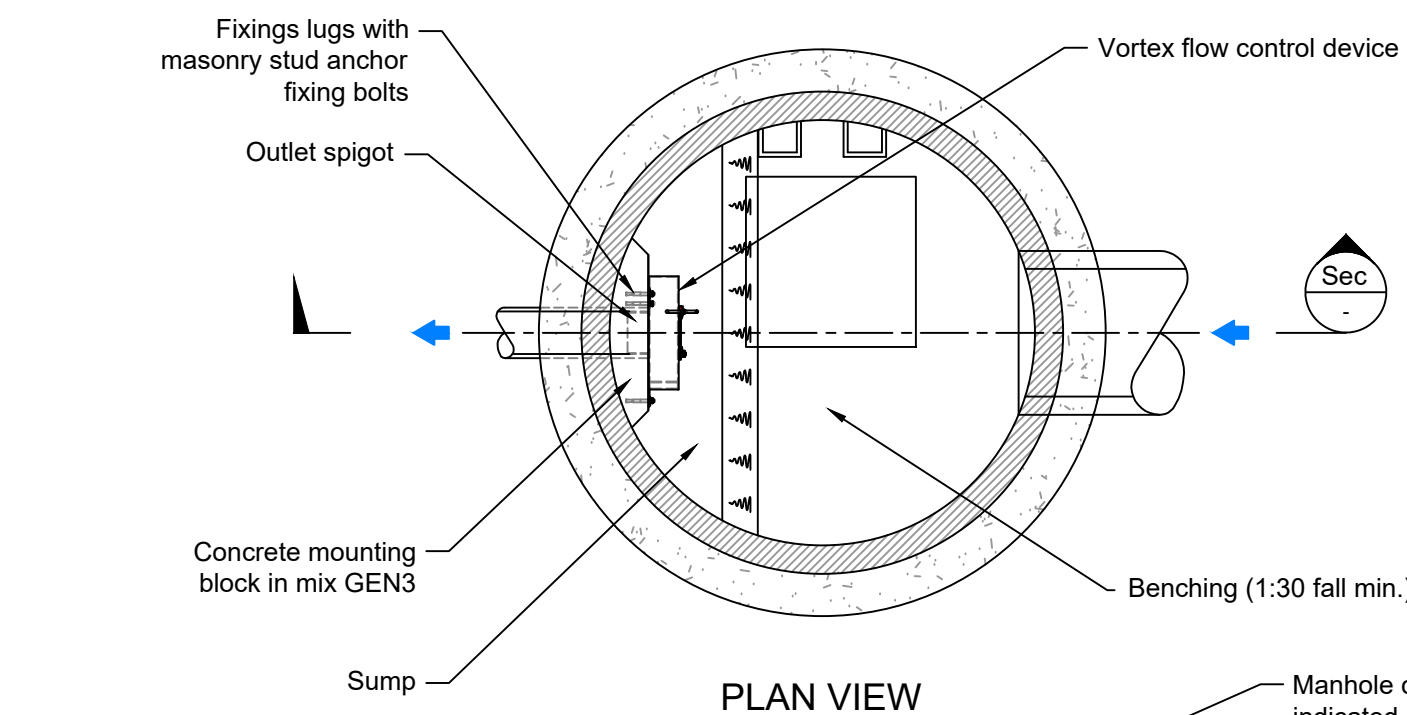
SCALE 1:20



1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. Catchpit to be constructed in precast concrete to BS EN 1917 and BS 5911-3.
3. Mortar to be designation (i) to SHW Series 2400.
4. Pipes to be built into the catchpit with designation (i) mortar are shown on the Drawings and Appendix 5/1 of the SHW.
5. Pipe to be built into catchpit to drain lower portion of trench. Pipe is to be placed above any concrete bed to filter drain.
6. See SHW, sub-clause 507.7 regarding backfilling/surround to chamber.
7. All ST concrete shall be to SHW, Clause 2602.

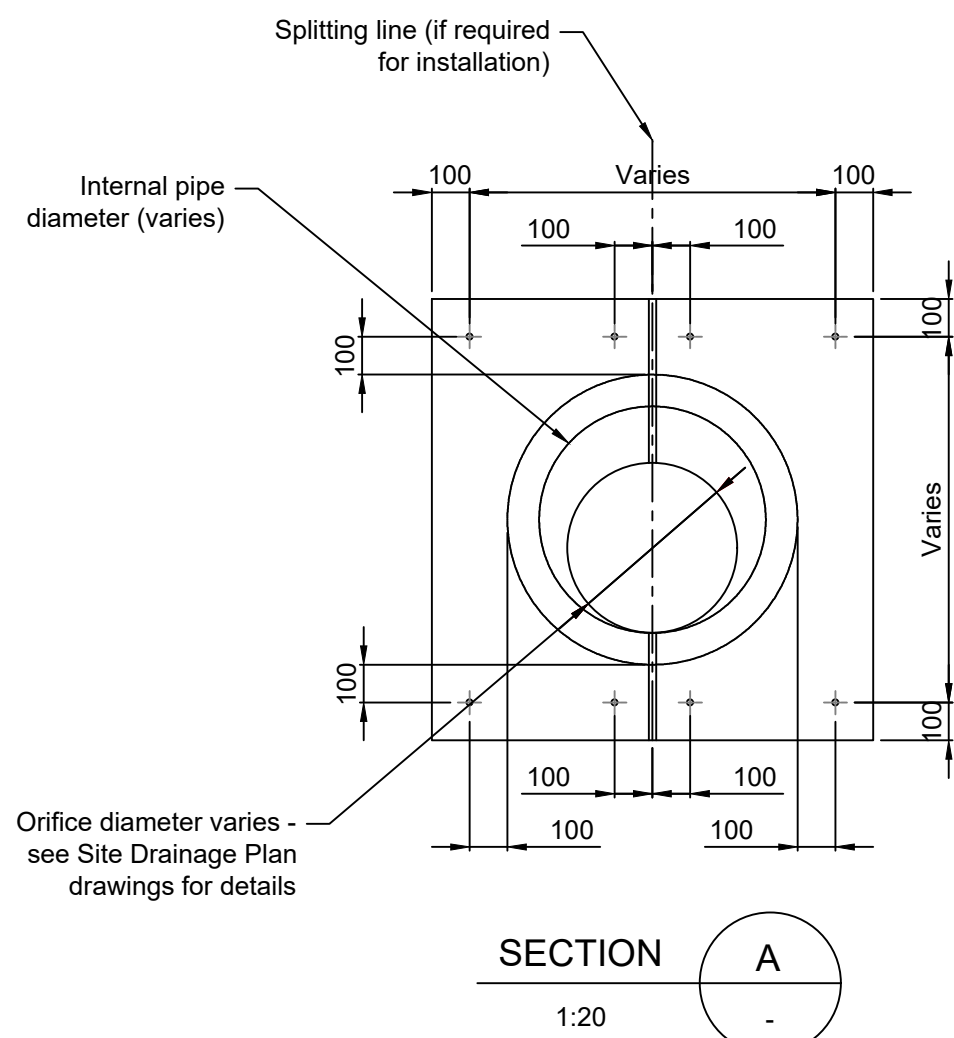
VORTEX FLOW CONTROL CHAMBER: SUMP TYPE
(Hydro-Brake manhole or similar approved)

N.T.S



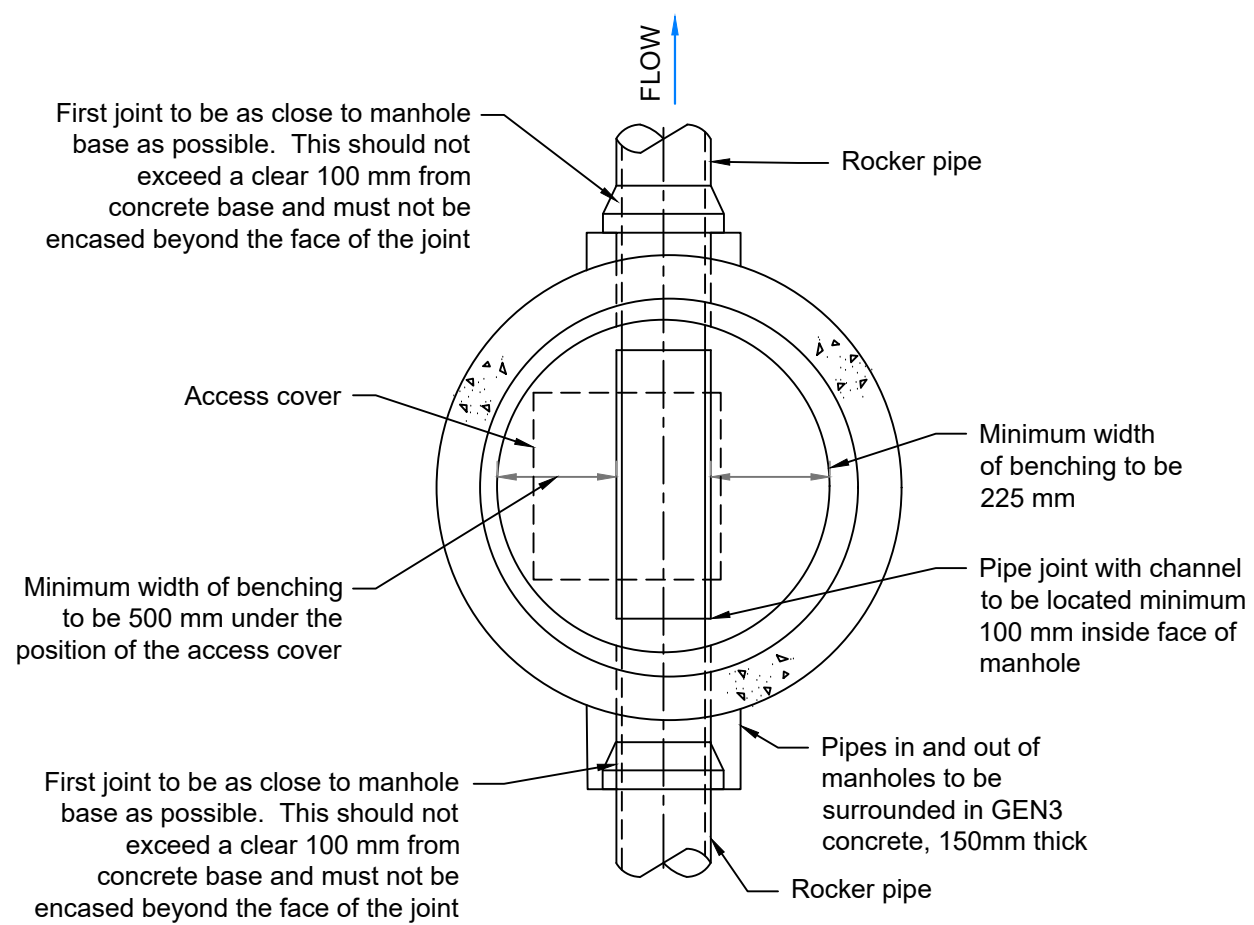
ORIFICE PLATE

SCAIF 1-20

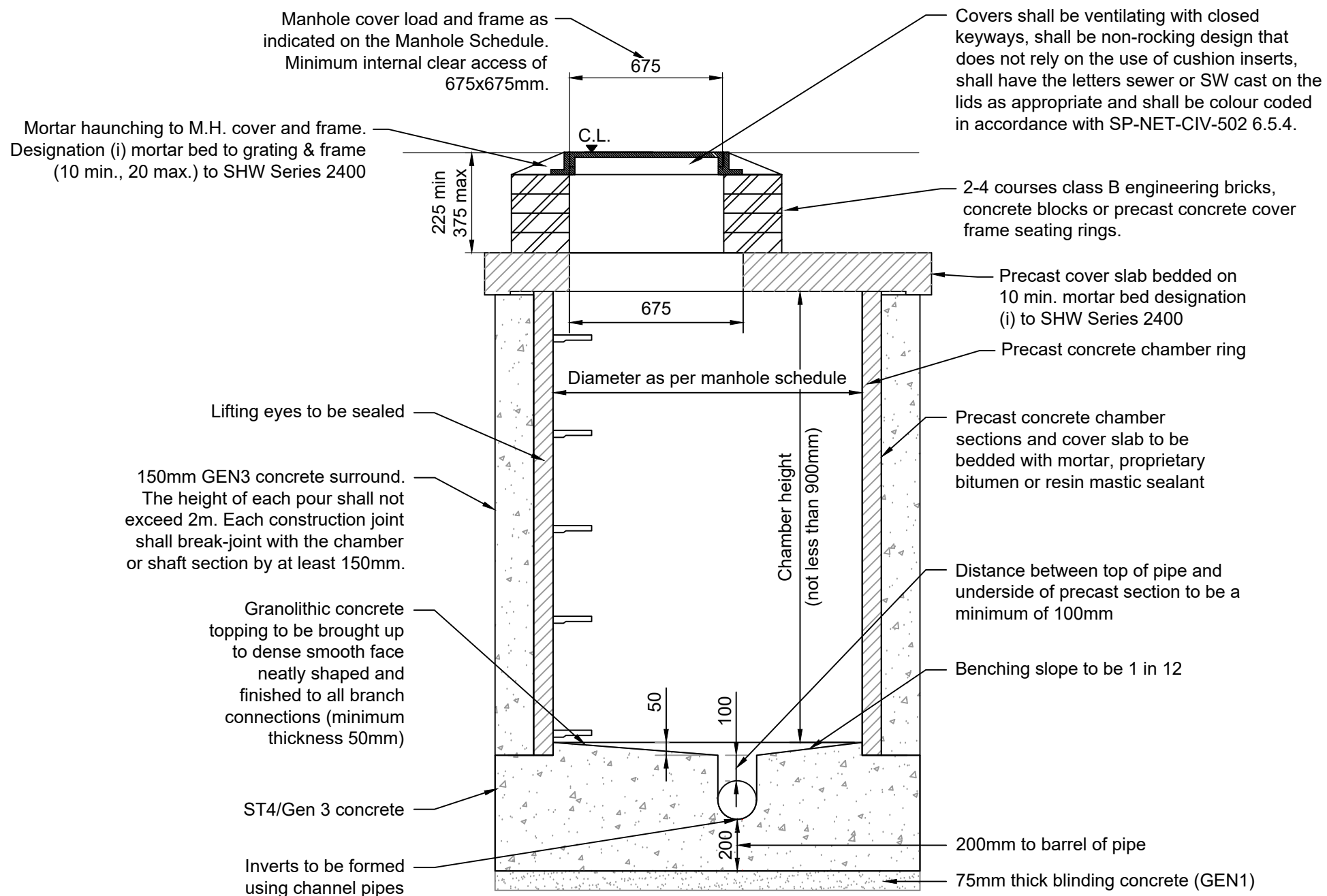


TYPICAL PRECAST MANHOLE
(DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE
LESS THAN 3.0m)

SCALE 1:20



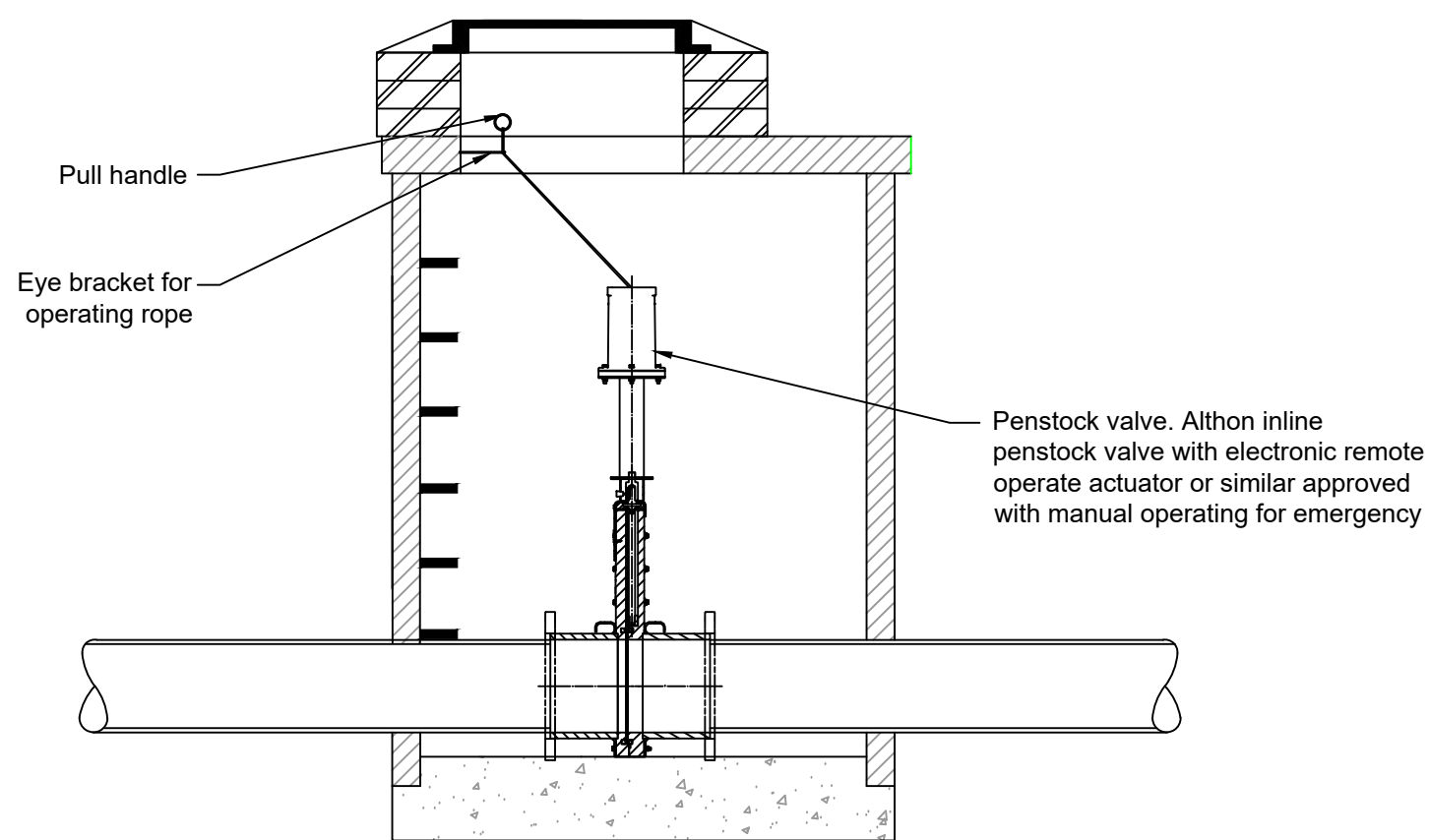
PLAN VIEW



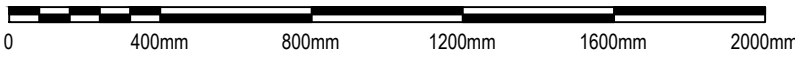
SECTION VIEW

PENSTOCK VALVE IN PRECAST CONCRETE CHAMBER

1:20



SCALE 1:20



NOTES

1. Do not scale from this drawing.
2. All dimensions are in millimetres and levels in metres AOD (relative to Ordnance Datum Newlyn) unless otherwise stated.
3. This drawing is to be read in conjunction with all relevant documents and drawings.
4. Installation of all proprietary products as per the Suppliers Manufacturer Guidelines and Recommendations.
5. All covers within 2m of fence to be non-metallic. The opening size and cover slab arrangement to be amended to suit.
6. All works to comply with SP-NET CIV-S02, Drainage Specification, SSEN, July 2020, unless stated otherwise.
7. All PVC pipes and fittings shall be unplasticised PVC to BS 4660 or BS 5481 or BS EN 1401(PVC-U) or EN 1401-1:2019. Solid wall Polypropylene (PP) or Polyethylene(PE) pipes and fittings shall be to BS EN 1852-1(PP) BS EN 12666-1(PE).
10. All perforated pipes to BS 5955-6 shown on the drawings shall be Polyethylene pipes.

FOR INFORMATION ONLY

NOT FOR CONSTRUCTION

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REV:	DATE:	DRWN:	CHKD:	APPVD:	DESCRIPTION:
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STATUS: PRELIMINARY DESIGN ONLY



PROJECT:
LOCH NA CATHRACH

PROJECT NUMBER: LT000325	LOCATION: KNOCKNAGAE
TITLE: KNOCKNAGAE SUBSTATION EXTENSION DRAINAGE DETAILS	

DRAWN: I.BIN	ENG CHECK: B.RENTON
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DESIGNER: SSENT	COORDINATION:
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SCALE: 1:20	APPROVED: K.SMITH
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DATE OF FIRST ISSUE:	03/06/2025	SECURITY:	INTERNAL
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ORIGINATOR DRAWING NUMBER:

LT325-KNOC2-0804-DR-0005

CLIENT DRAWING NUMBER: _____

SHEET No:	M	Date Plotted: 03.06.2025
01 of 01		
REV. No:		
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