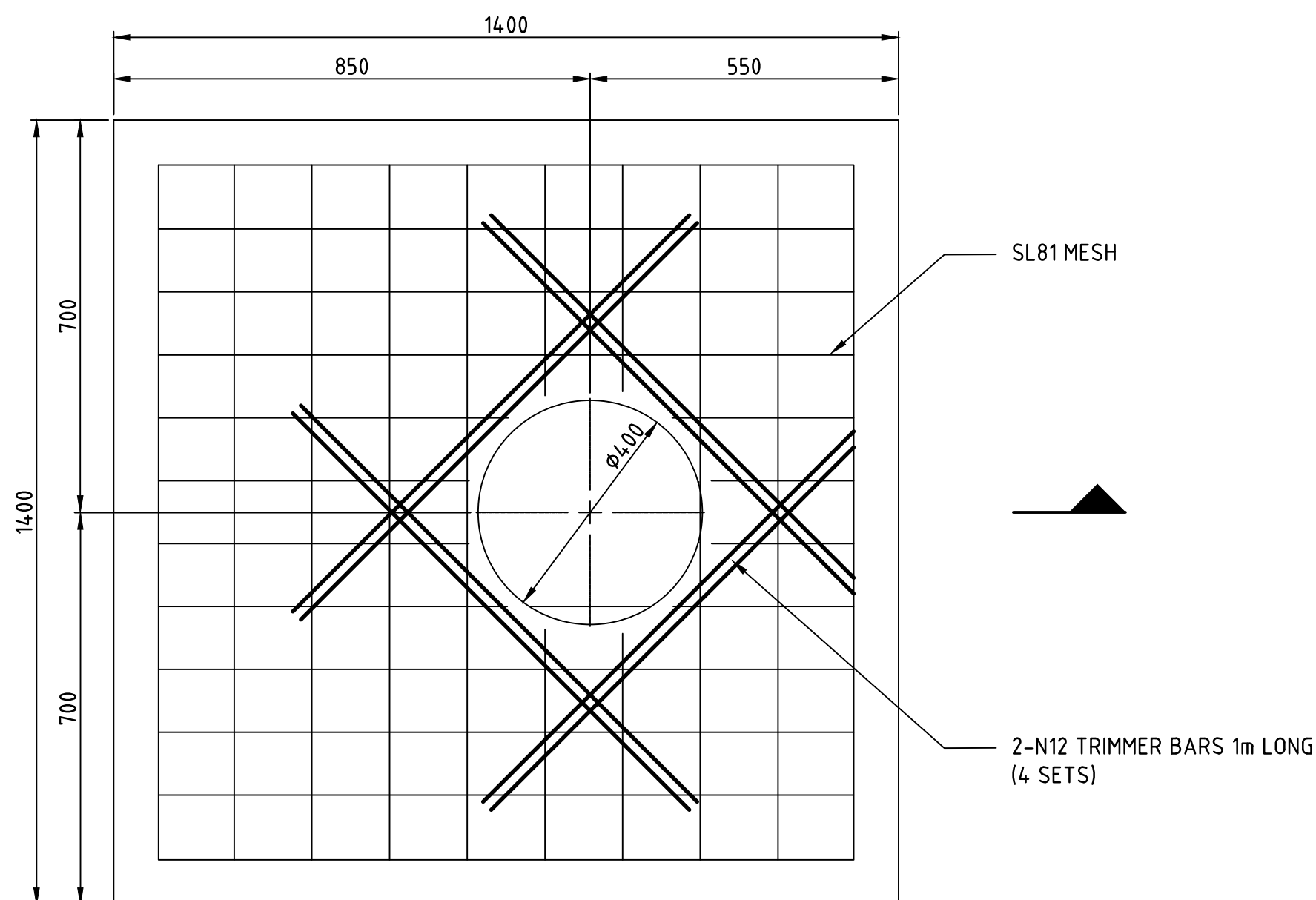


**900x900 AIR VALVE CHAMBER
ARRANGEMENT DETAIL**

SCALE - 1:10



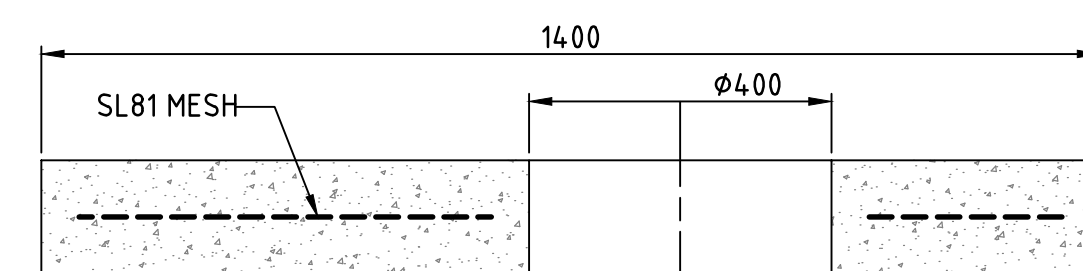
**AIR VALVE CHAMBER PRECAST CONCRETE
BASE SLAB PLAN**

SCALE - 1:10

NOTES:

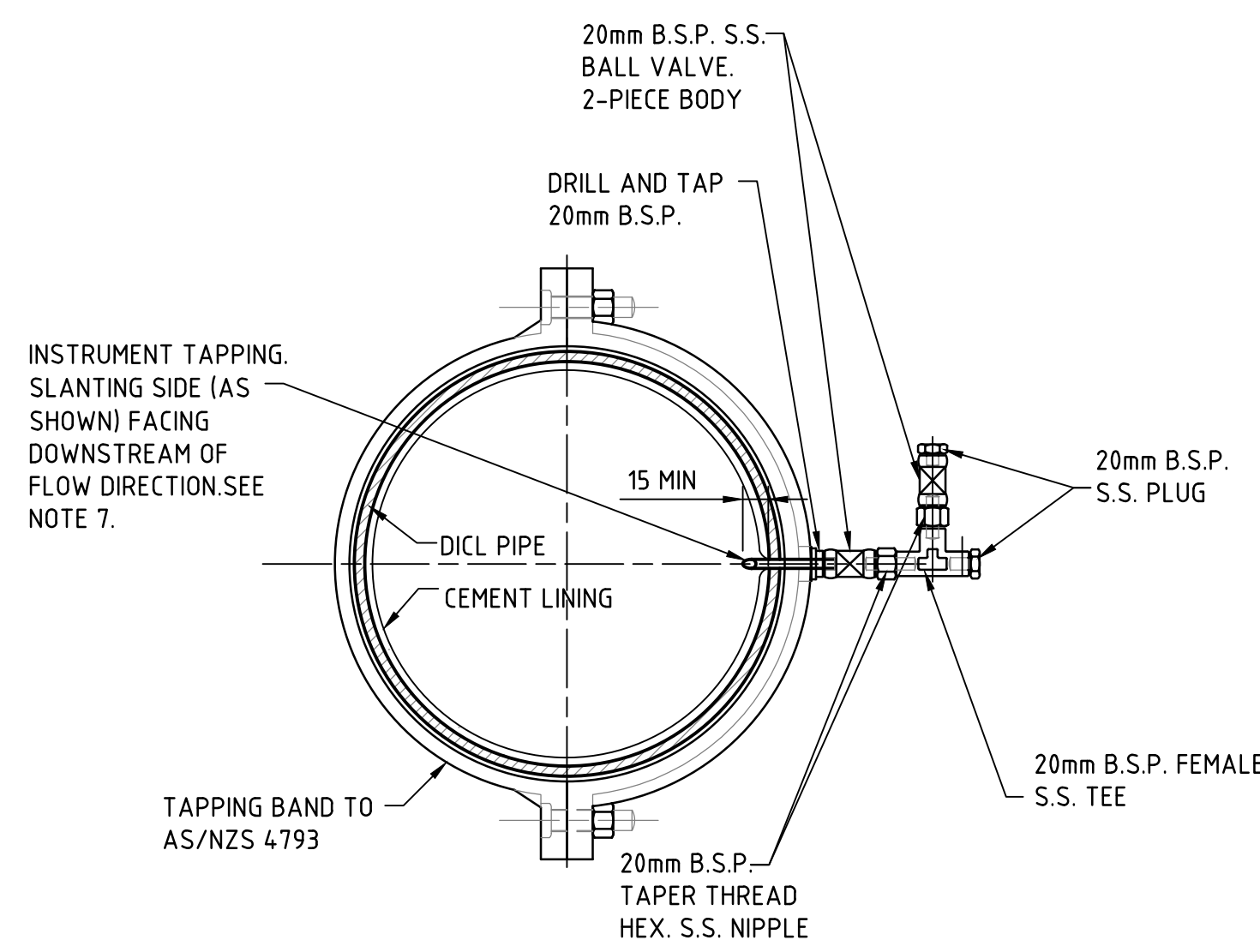
1. PRESSURE TAPPING SHOULD BE FROM THE SIDE OF THE PIPE. THE TAPPING POINT IS FOR THE CONNECTION OF A PRESSURE TRANSMITTER WITH 'T' BRANCH AND BALL VALVE. FOR THE FITMENT OF DIAL GAUGE. PIPEWORK SHOULD RISE CONTINUOUSLY TO AVOID TRAPPING AIR IN THE LINE.
2. ALL PIPE FITTINGS FOR THE PRESSURE TAPPING SHALL BE STAINLESS STEEL GRADE 316.
3. ALL PIPE FITTINGS SHALL BE PRESSURE CLASS PN16.
4. BALL VALVES SHALL COMPLY WITH THE REQUIREMENTS OF AS5830.1
5. ALL MALE THREADS SHALL BE WRAPPED WITH PTFE TAPE.
6. CLASS 'B' COVERS MAY BE USED IN PUBLIC AREAS, PARKS & FOOTWAYS NOT SUBJECT TO VEHICULAR LOADS OR HAVE NO ACCESS FOR VEHICLES. CLASS 'D' COVERS SHALL BE USED IN ROAD CARRIAGEWAY, DRIVEWAYS AND PUBLIC AREAS, PARKS & FOOTWAYS WITH NO RESTRICTION TO VEHICULAR ACCESS.
7. MINIMUM PROTRUDANCE OF 15mm FOR INSTRUMENT TAPPING. SLANTING SIDE FACING DOWNSTREAM OF THE FLOW DIRECTION.

FOR NOTES & REFERENCE DRAWINGS SEE
DRAWING No. DTC-6400



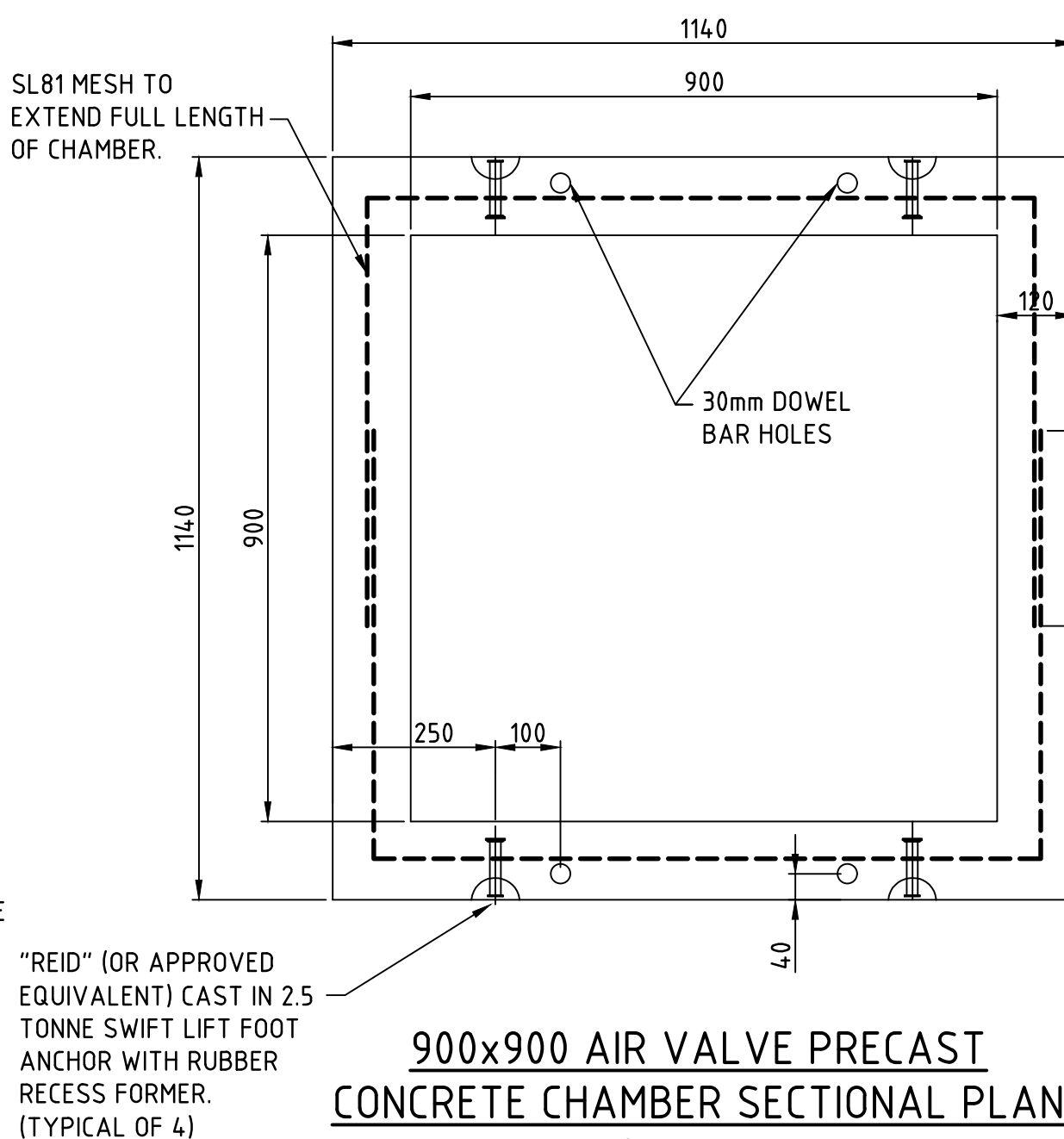
SECTION 1

SCALE 1:10



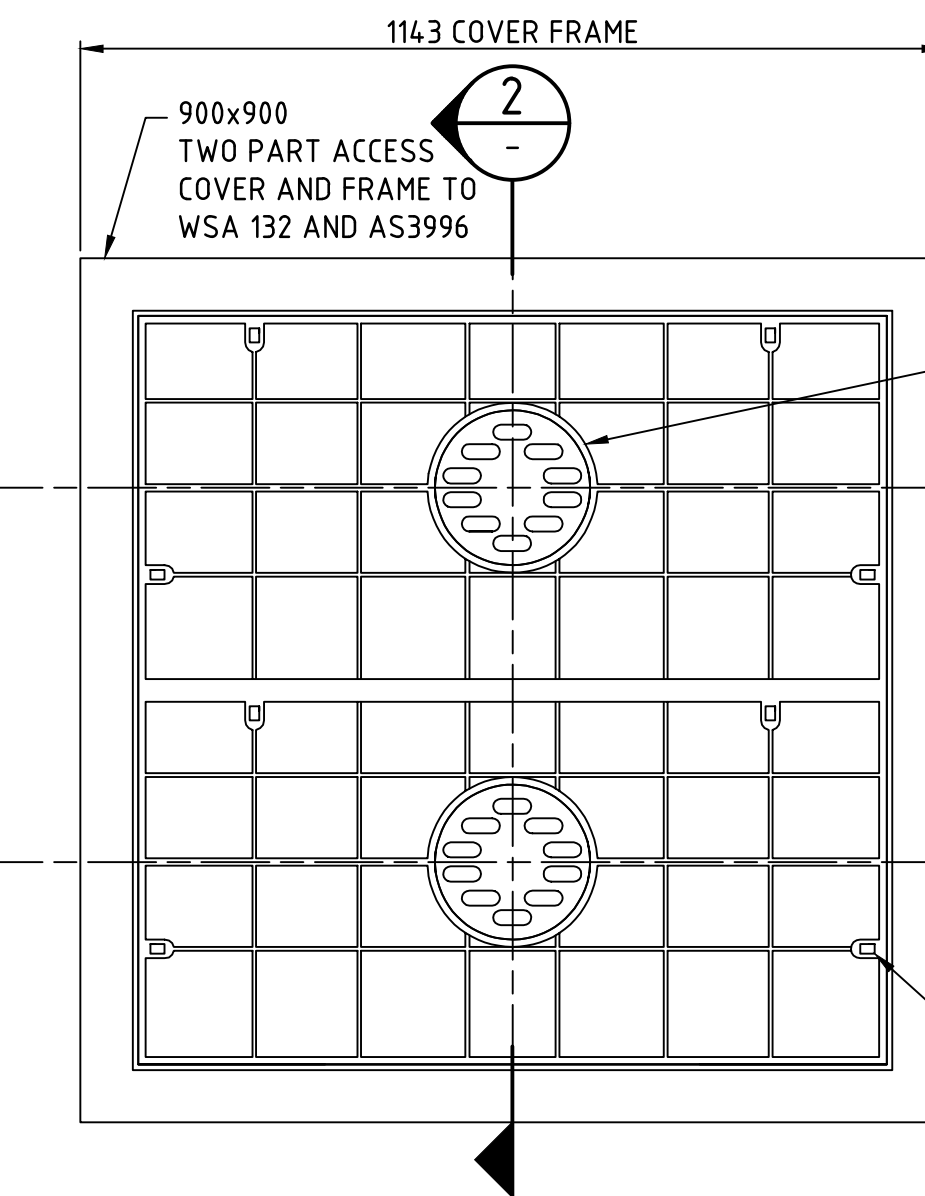
PRV CHAMBER PRESSURE TAPPING DETAIL

SCALE - 1:5



**900x900 AIR VALVE PRECAST
CONCRETE CHAMBER SECTIONAL PLAN**

SCALE - 1:10

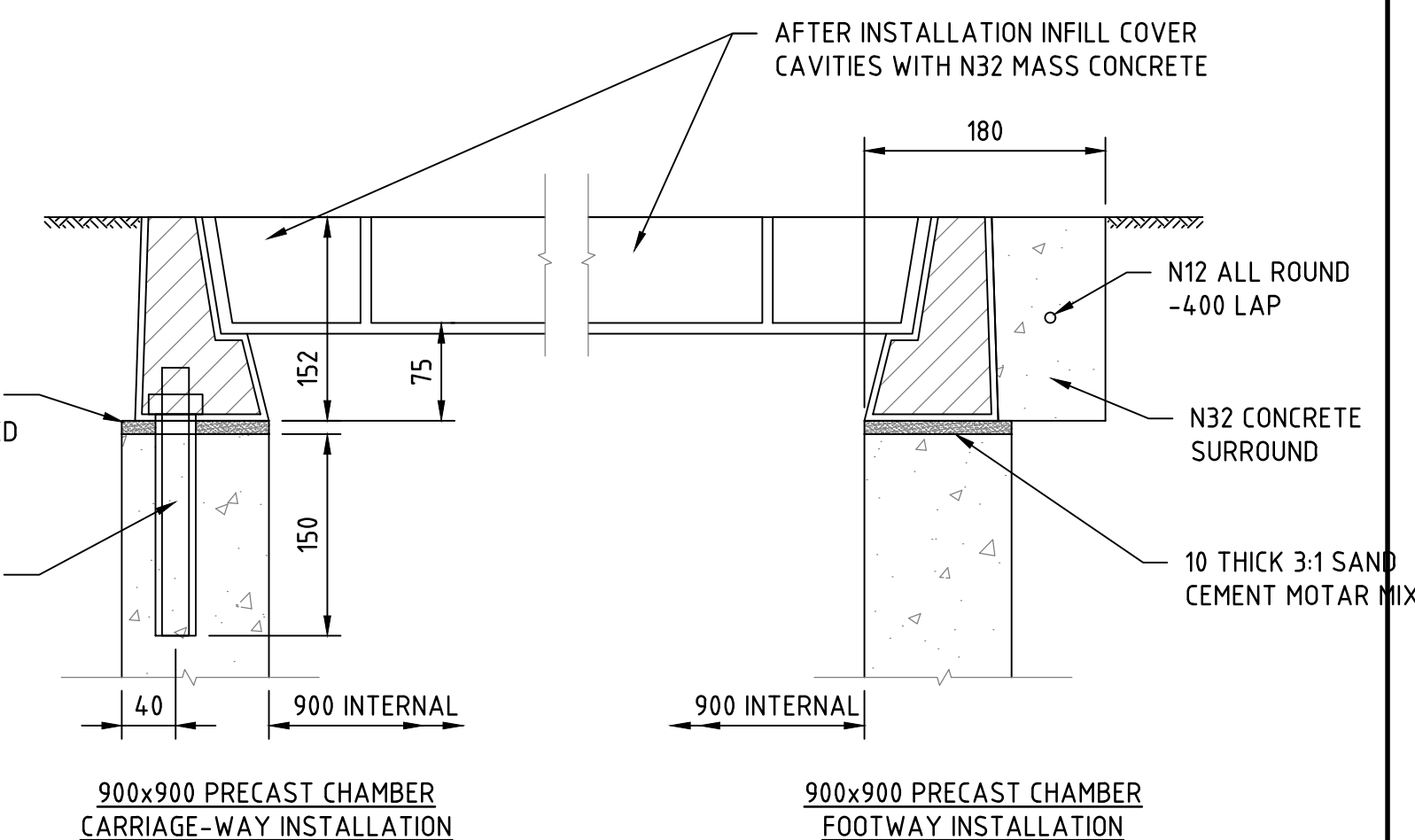


AIR VALVE CHAMBER ACCESS COVER

SCALE - 1:10

- PROVIDE 2x DN225 VENTILATION INSERTS TO AS3996
- 10 THICK EPOXY MORTAR SIKADUR-31 OR APPROVED EQUIVALENT
- 2 OFF M20 SS GRADE 316 ANCHOR STUDS ON EACH WALL INTO Ø30 DRILLED HOLES FIXED WITH RAMSET CHEMSET 801. HILTI HIT-RE 500 OR APPROVED EQUIVALENT

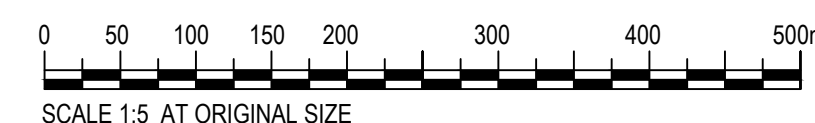
LIFTING SLOT



**AIR VALVE CHAMBER
ACCESS COVER CONNECTION DETAIL**

SECTION 2

SCALE 1:5



**Sydney
WATER**

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APPROVED

NORBERT SCHAEFER
MANAGER, ENGINEERING

ENGINEERING & TECHNICAL SUPPORT

B

UPDATED TO GLOBE TYPE PRVs

N.S.

30.04.21

A

ORIGINAL ISSUE

K.W.

18.03.15

LETTER

DETAILS OF ISSUE / AMENDMENT

APP'D

DATE

DEEMED TO COMPLY DRAWINGS

**PRESSURE REDUCING VALVE
CONCRETE & MISCELLANEOUS DETAILS**
SHEET 2 OF 3

DTC

6408

ISSUE

DATE

B

30.04.21