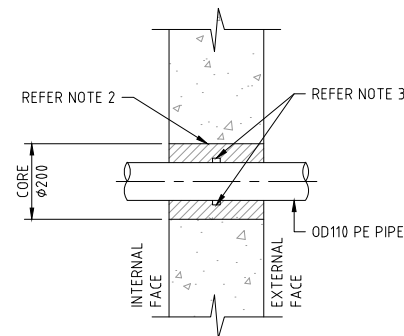


AIR VALVE PRECAST CONCRETE CHAMBER SECTIONAL PLAN  
SCALE 1:20

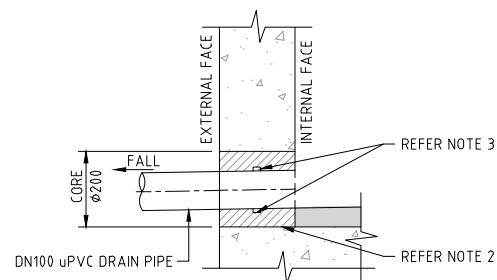
NOTE: ALL REINFORCEMENT FOR PRECAST CONCRETE CHAMBER TO BE N16-200 U.N.O.  
CLEAR COVER TO ALL REINFORCEMENT MIN. 70mm U.N.O.

\* INDICATES DIMENSIONS SHALL BE CONFIRMED WITH THE COVER MANUFACTURER  
PRIOR TO CONSTRUCTION.



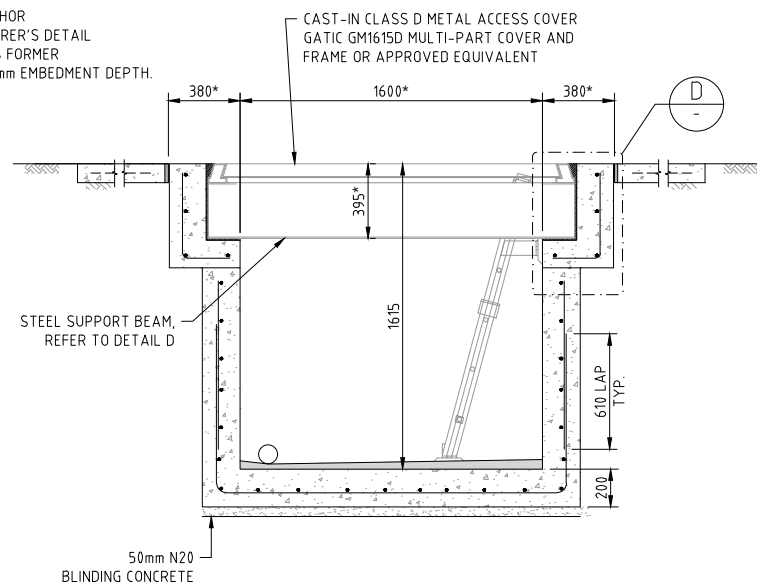
PIPE PENETRATION TO AIR VALVE

DETAIL A  
SCALE 1:10

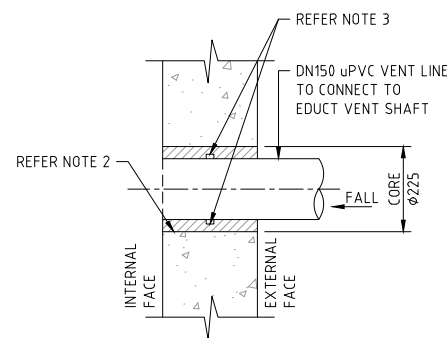


DRAIN PIPE PENETRATION

DETAIL C  
SCALE 1:10

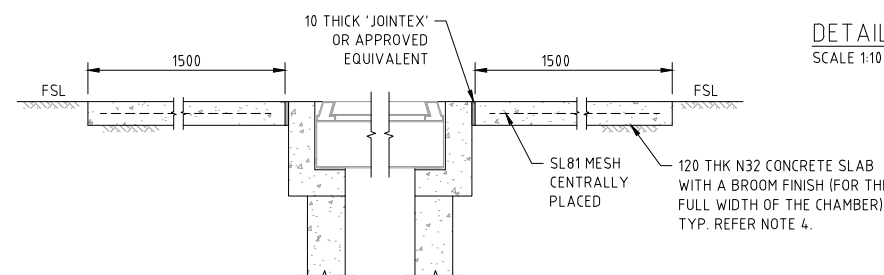


SECTION 1  
SCALE 1:20



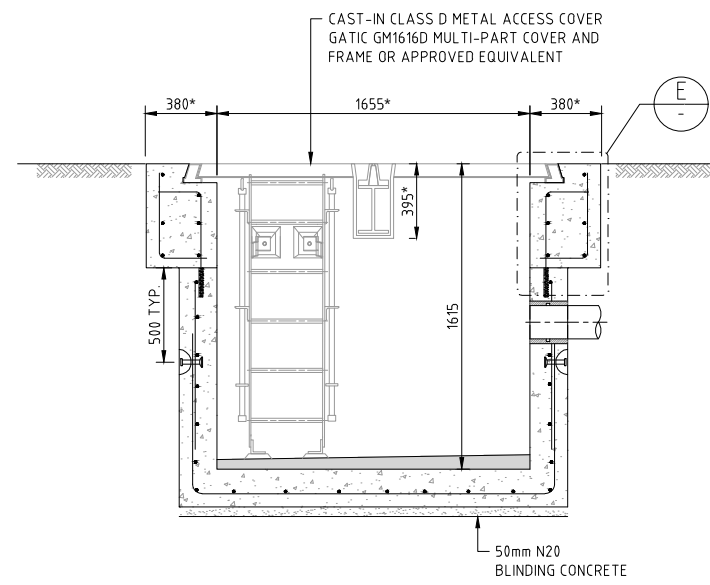
VENT PIPE PENETRATION

DETAIL B  
SCALE 1:10

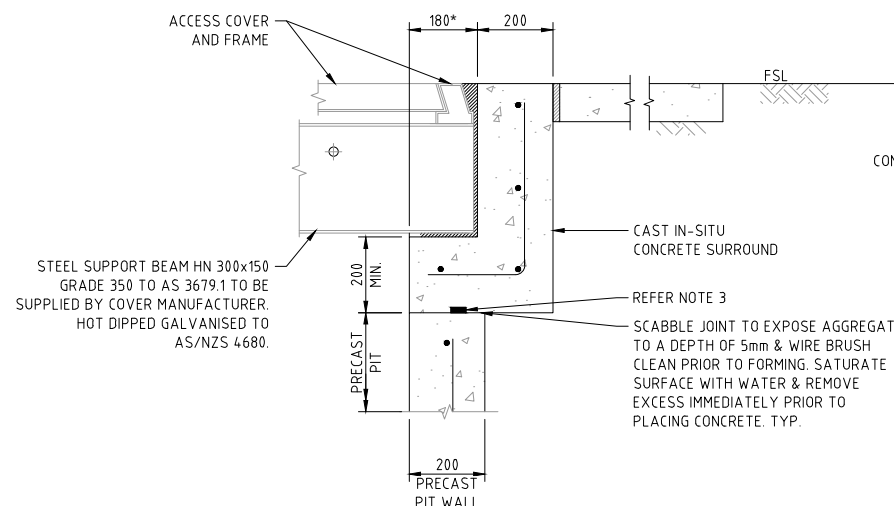


CONCRETE APRON SLAB DETAIL

SCALE 1:20



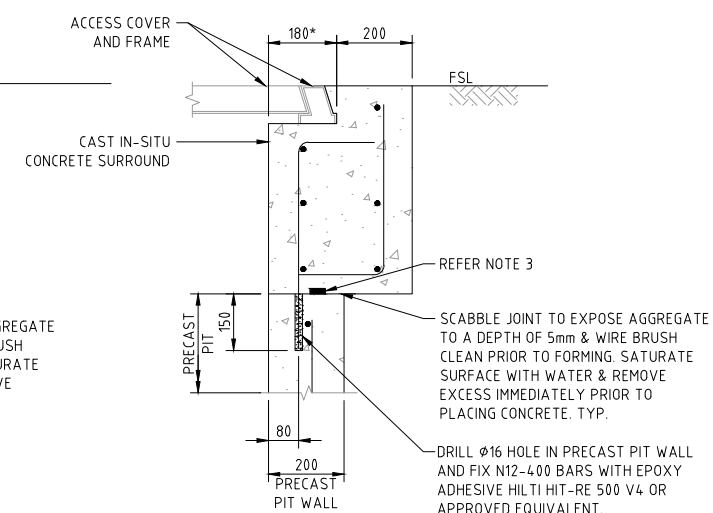
SECTION 2  
SCALE 1:20



CAST IN-SITU CONCRETE SURROUND DETAIL  
(IN AREAS OF COVER WITH SUPPORT BEAM)

DETAIL D  
SCALE 1:10

NOTE: ALL REINFORCEMENT FOR CAST-INSITU CONCRETE  
SURROUND TO BE N12-200 U.N.O.  
CLEAR COVER TO ALL REINFORCEMENT MIN. 70mm U.N.O.



CAST IN-SITU CONCRETE SURROUND DETAIL  
(IN AREAS OF COVER WITHOUT SUPPORT BEAM)

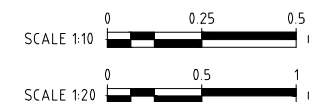
DETAIL E  
SCALE 1:10

## NOTES

- FOR ASSEMBLY AND NOTES REFER TO DTC/2350.
- SCABBLE CORED SURFACE TO EXPOSE AGGREGATES TO A DEPTH OF 3mm. PRIME SURFACE WITH 'SIKADUR-32' OR APPROVED EQUIVALENT. INJECT ANNULUS WITH 'SIKADUR-31' EPOXY OR APPROVED EQUIVALENT.
- PLACE 'HYDROTITE CJ-0725-3K' HYDROPHILIC WATERSTOP OR APPROVED EQUIVALENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- ASSUMED EXPOSURE CLASSIFICATION FOR CONCRETE APRON SLAB: B1 TO AS 5100.5. THE USER IS TO UNDERTAKE SPECIFIC DESIGN FOR MORE SEVERE EXPOSURE CLASSIFICATIONS.

## REFERENCE DRAWING

DTC/2350 AIR VALVES FOR SEWER PRESSURE MAINS ≤DN600 SHEET 1 OF 2



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APPROVED

NORBERT SCHAEFER  
ENGINEERING MODERNISATION MANAGER

ENGINEERING & TECHNICAL SUPPORT

A  
LETTER

ORIGINAL ISSUE  
DETAILS OF ISSUE / AMENDMENT

NS  
APP'D

31/07/24  
DATE

DEEMED TO COMPLY DRAWINGS  
AIR VALVES FOR SEWER PRESSURE MAINS  
≤DN600  
SHEET 2 OF 2

**DTC**  
**2351**

ISSUE  
A

DATE  
31/07/24