

Job No	Discipline	Type	Drawing No.	Revision
Note: Do not scale from this drawing. Check all given dimensions and side dimensions and/or levels prior to any pricing, manufacture or construction of any item. Greater detail drawings take preference. Please report any discrepancies to the architect. The copyright for the design and information on this drawing is vested and may not be copied or reproduced without the written authority of the Architects.				

Location Diagram

Rev.	Dim	Description	Date
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FOR TENDER

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DAIMLER TRUCKS SOUTH
AFRICA

Erf No:

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Project Name

DAIMLER TRUCKS
SOUTH AFRICA
ZONE 1A

Drawing Title

STORMWATER
GENERAL DETAILS

Drawing Originator

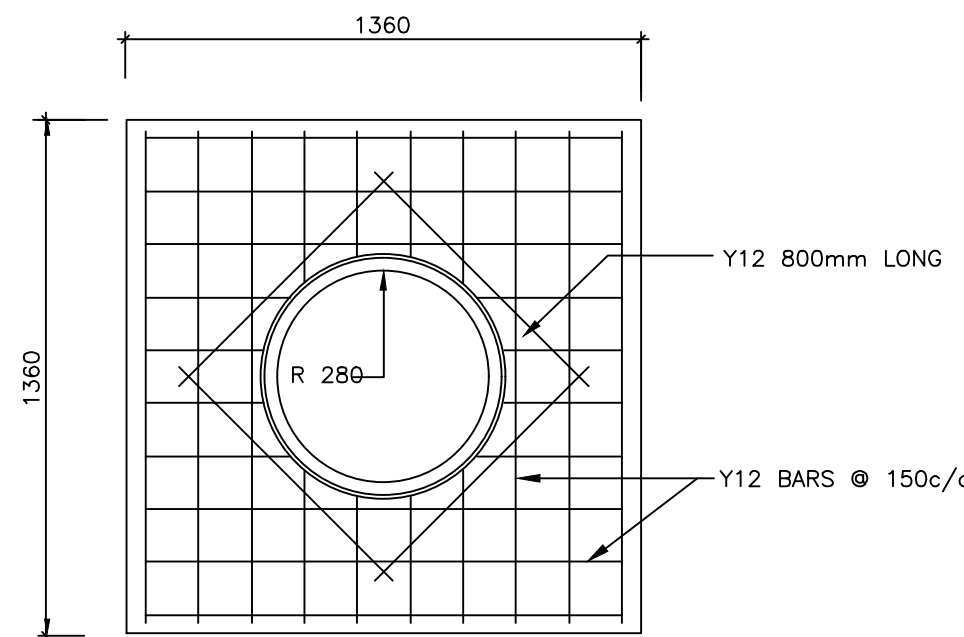
HSC CONSULTING

Checked By: BG 13/05/2025 Drawn By: NB 13/05/2025

Approved By: BG 13/05/2025 Approval Date: 13/05/2025

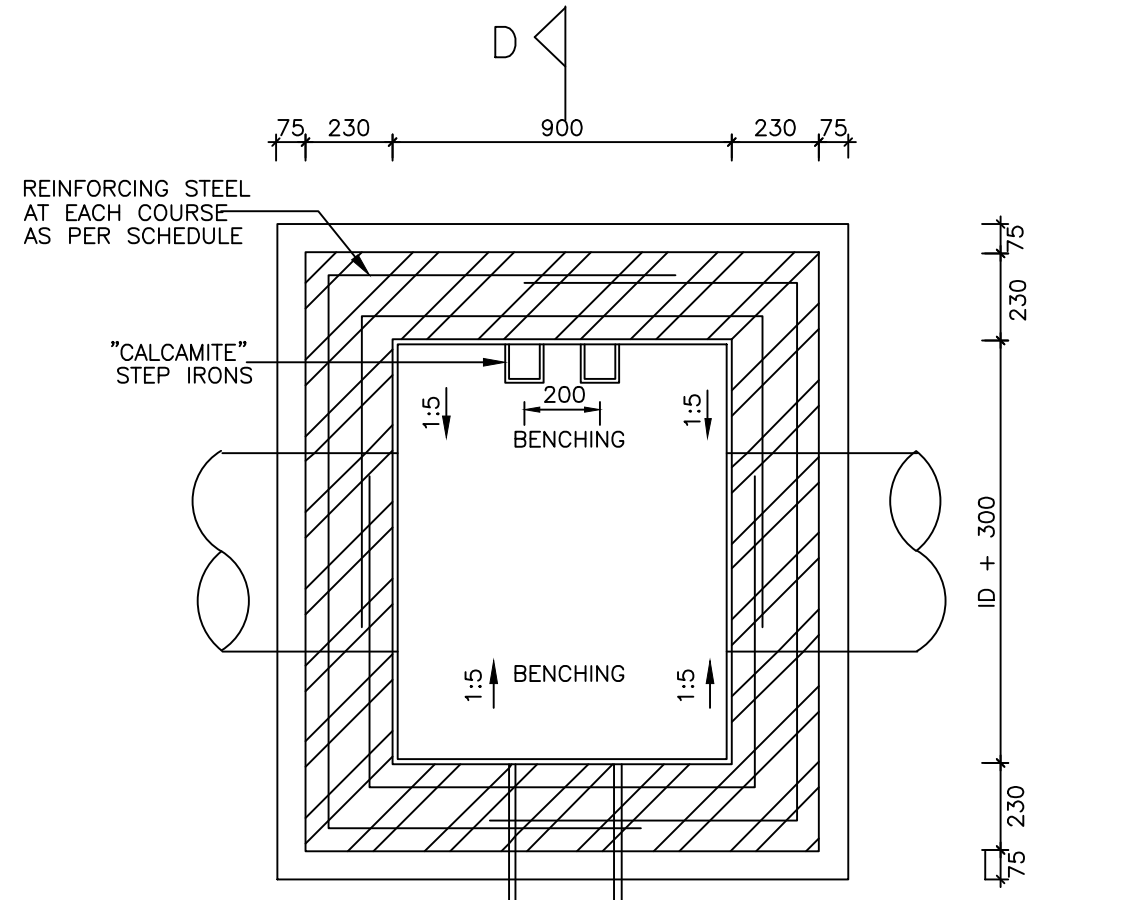
Building Grid Reference: AS-SHOWN

Job No: P2434 Discipline: CIVIL Type: APPROVAL Drawing No: CD03 Revision: 0

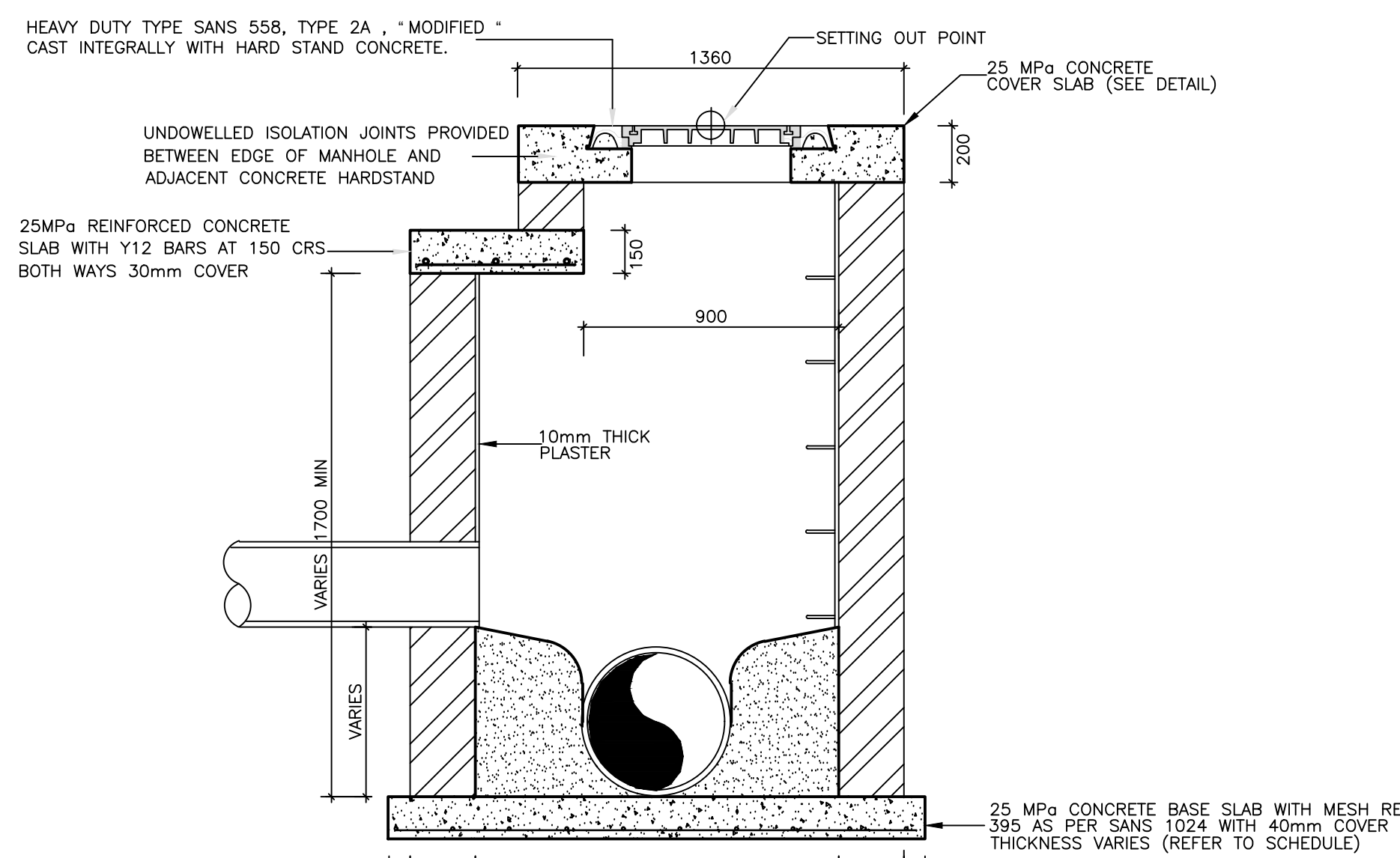


MANHOLE COVER SLAB
SCALE 1:20

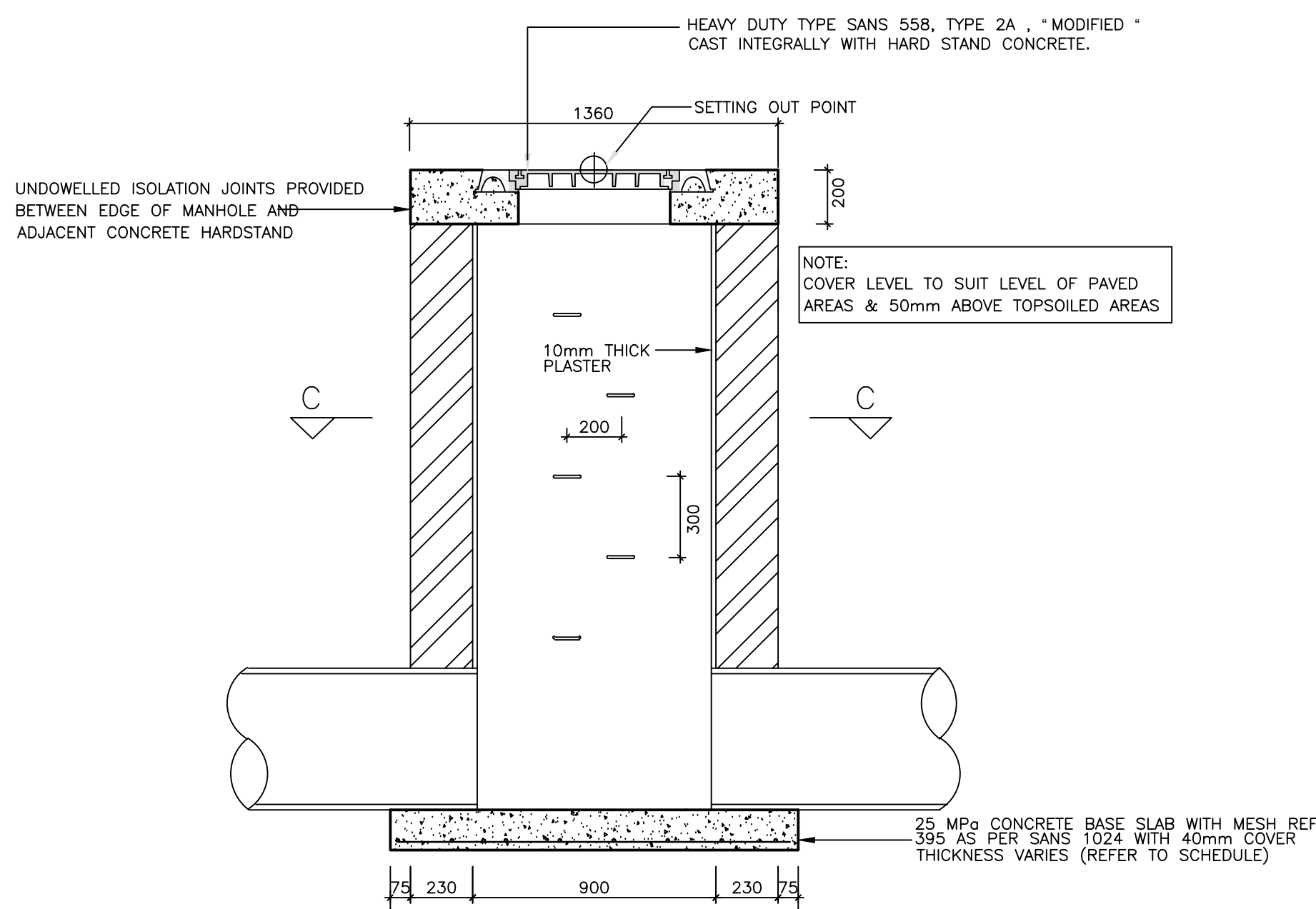
- NOTES:
- "CALCAMITE" STEP IRONS PROVIDED IN MANHOLES > 1,0m DEEP
 - STEP IRONS SPACED AT 300mm CRS VERTICALLY AND STAGGERED AT 200mm CRS HORIZONTALLY, STARTING 500mm BELOW COVER LEVEL.
 - BITU-JOINT OR SIMILAR BITUMEN COMPOUND USED AS A JOINT SEALANT BETWEEN MANHOLE RINGS.
 - BENCHING FINISHED WITH MIN. 20mm THICK 1 : 3 CEMENT MORTAR
 - COUPLINGS PROVIDED IMMEDIATELY OUTSIDE MANHOLE ON EACH BRANCH AND OUTLET.



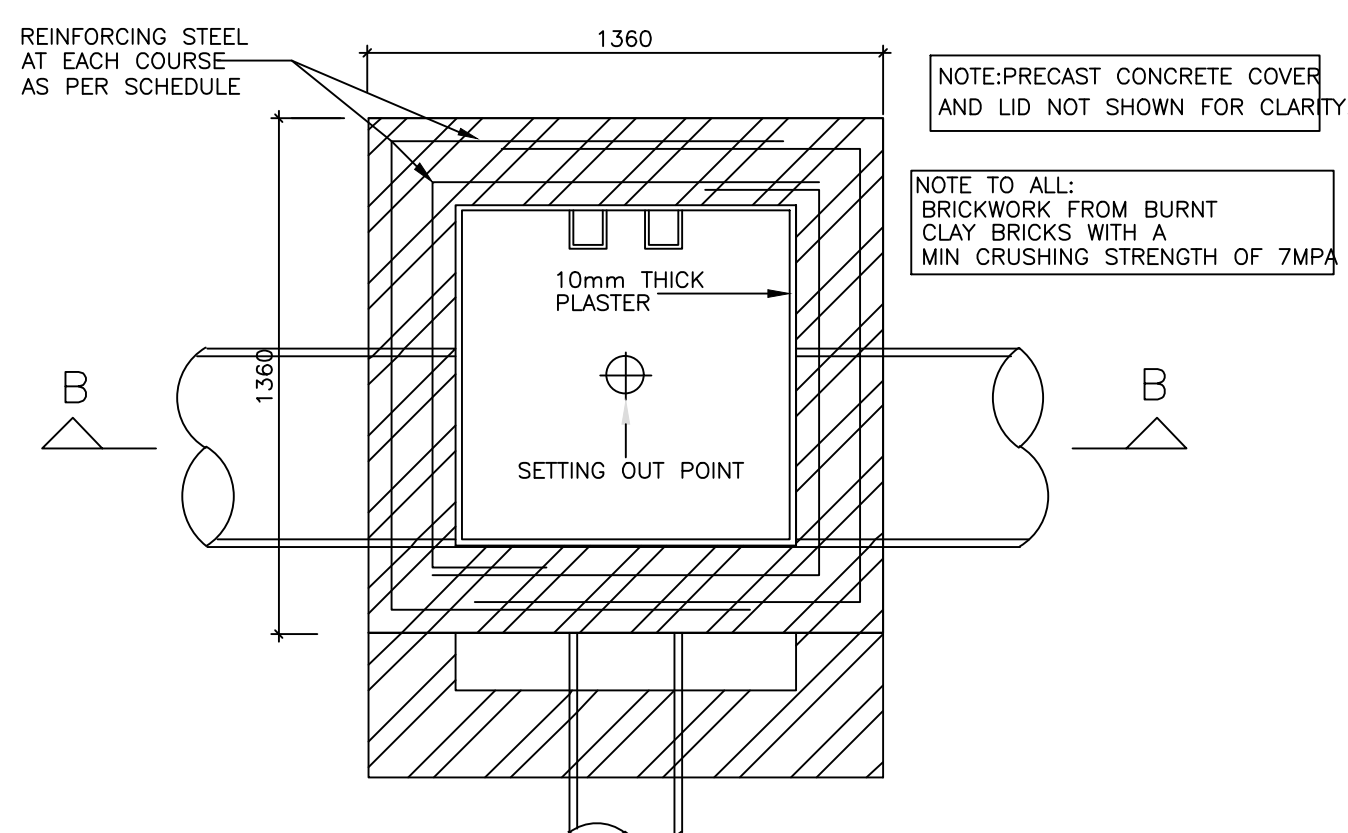
SECTION C-C
SCALE 1:20



SECTION D-D
SCALE 1:20



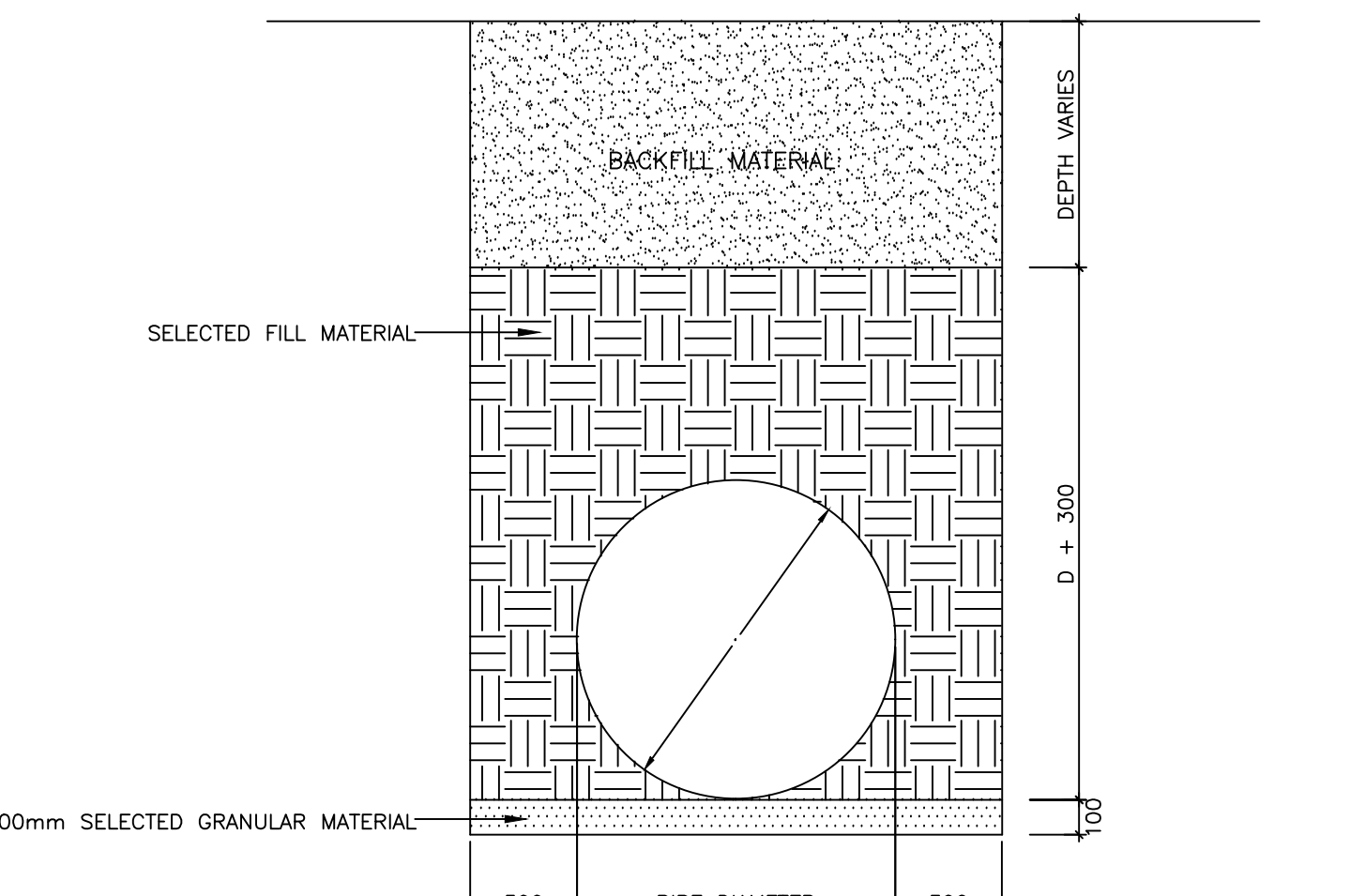
SECTION B-B
SCALE 1:20



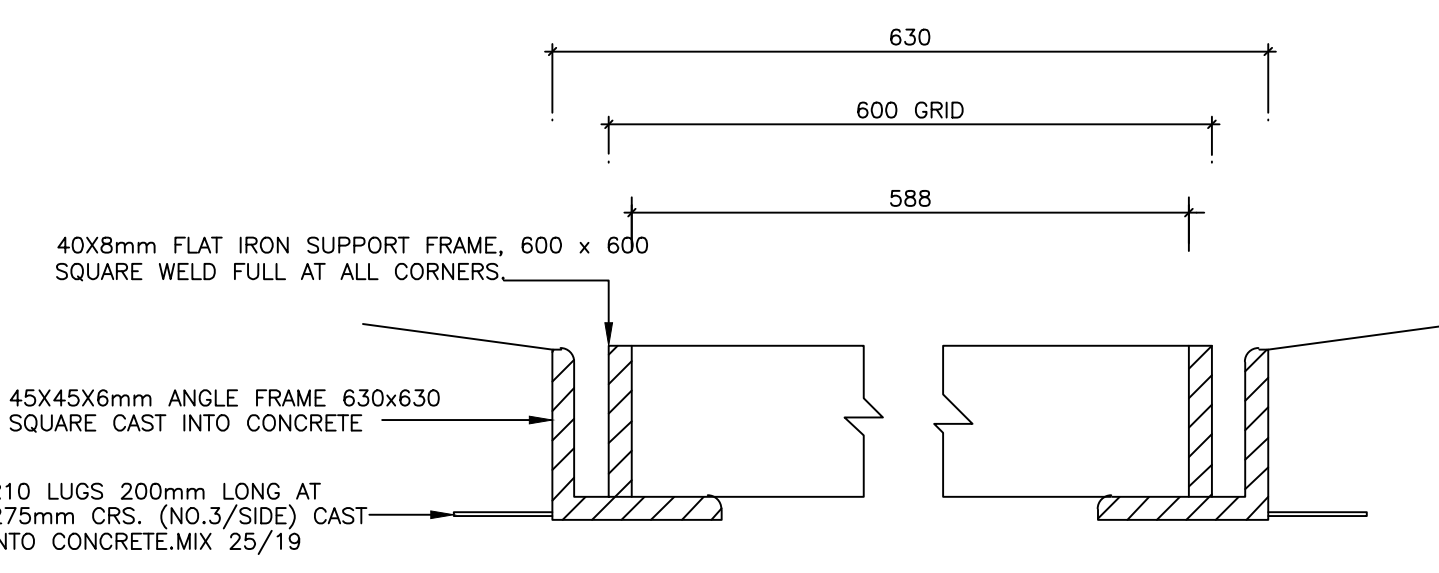
PLAN - MANHOLE TYPE B (PIPES > 600 DIA)
SCALE 1:20

CHAMBER SCHEDULE		
DEPTH COVER TO MH INVERT	BRICKWORK THICKNESS	BASE SLAB THICKNESS
m	mm	mm
UP TO 2	230	150
2 TO 5	345	200
5 TO 10	575	300

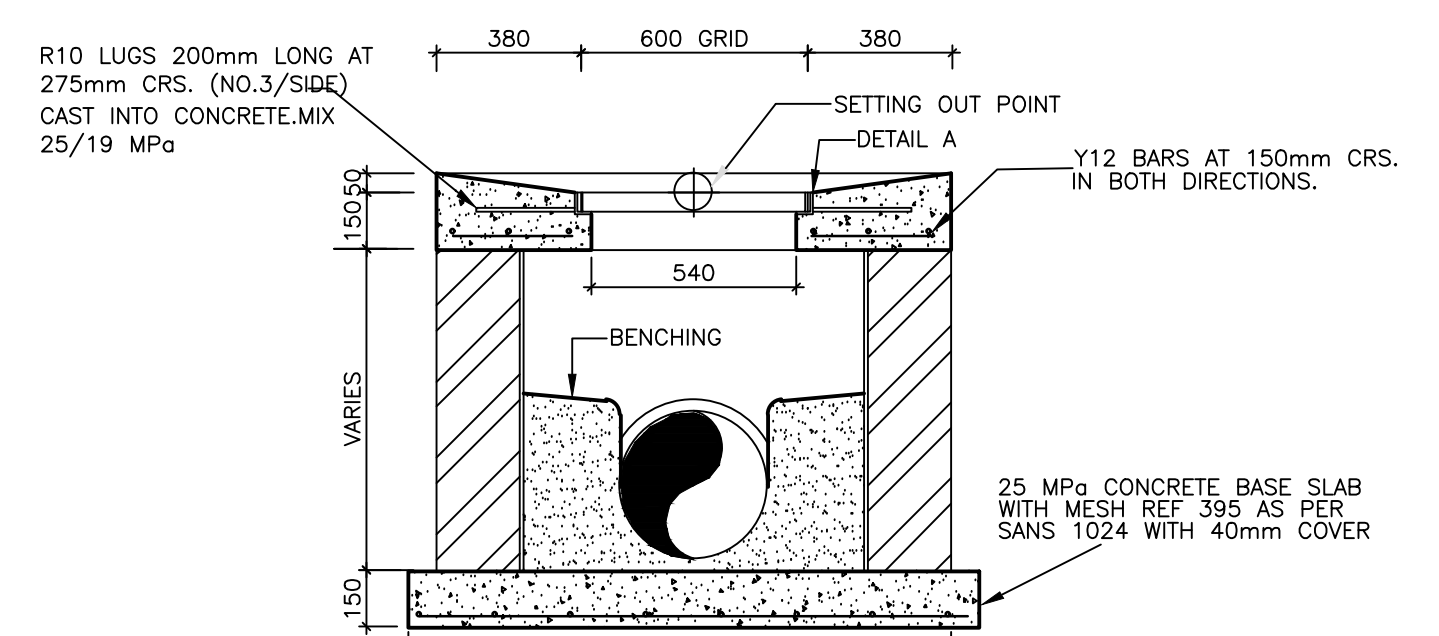
REINFORCEMENT SCHEDULE		
DEPTH BELOW COVER	REINFORCING STEEL AT EACH COURSE	
m	No.	mm[
UP TO 2	2	Y8
2 TO 5	2	Y8
5 TO 8	2	Y8



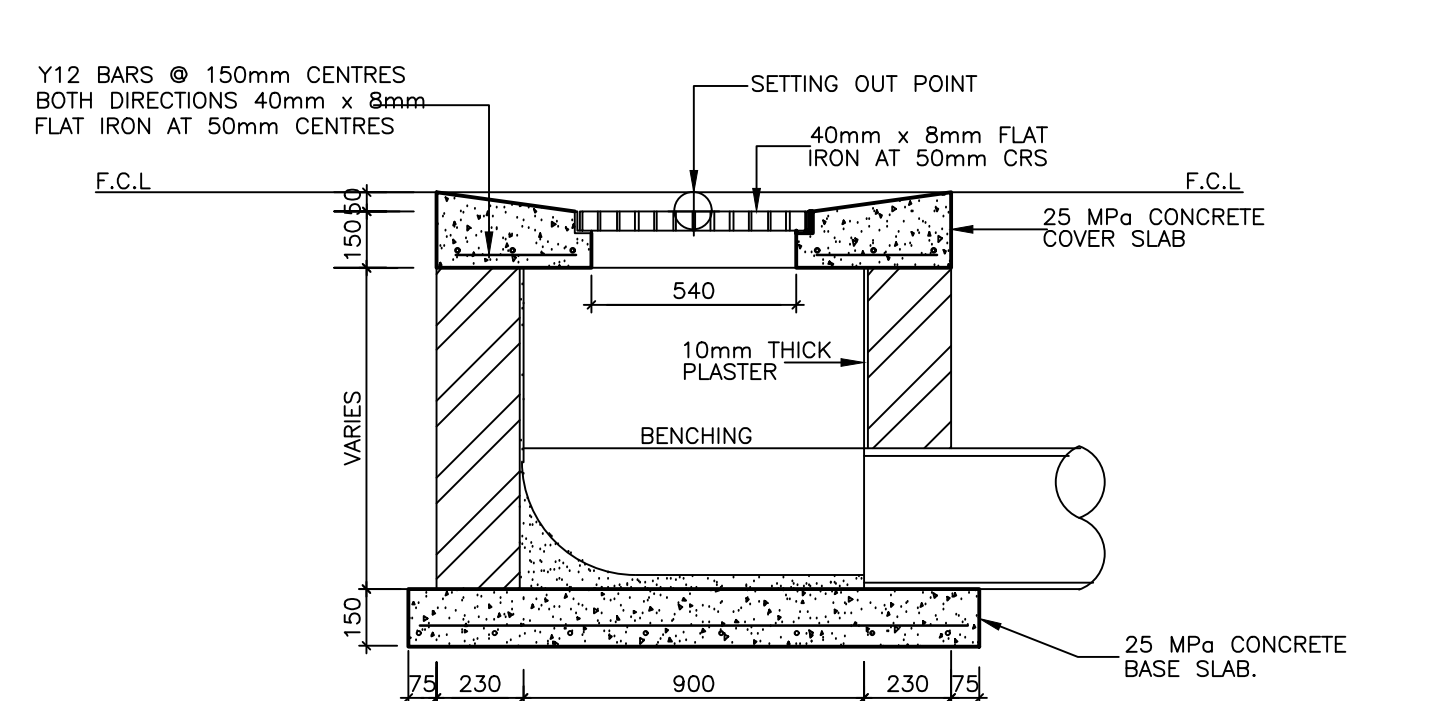
STORMWATER PIPE TRENCH EXCAVATION
SCALE 1:20



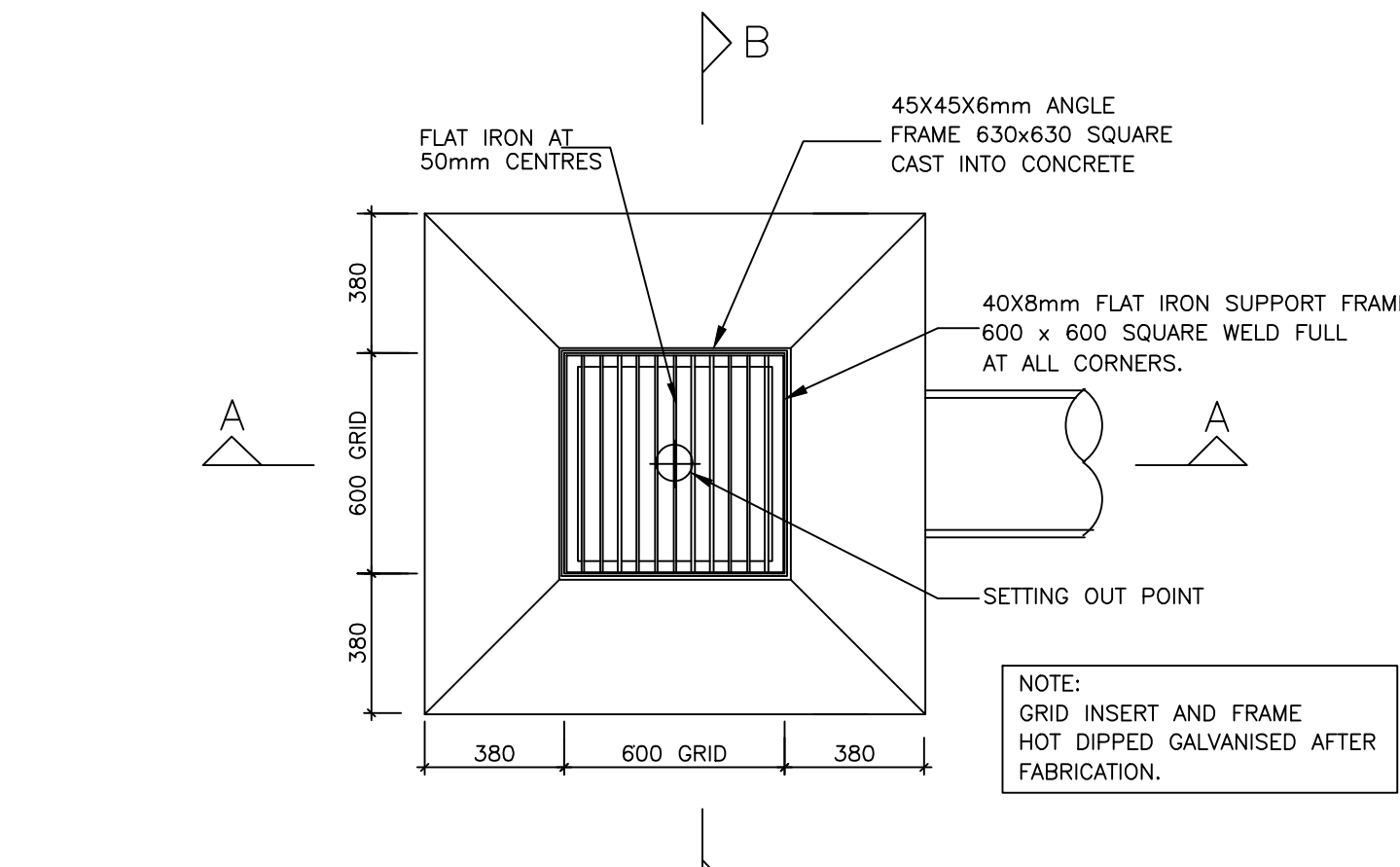
DETAIL A
SCALE 1:10



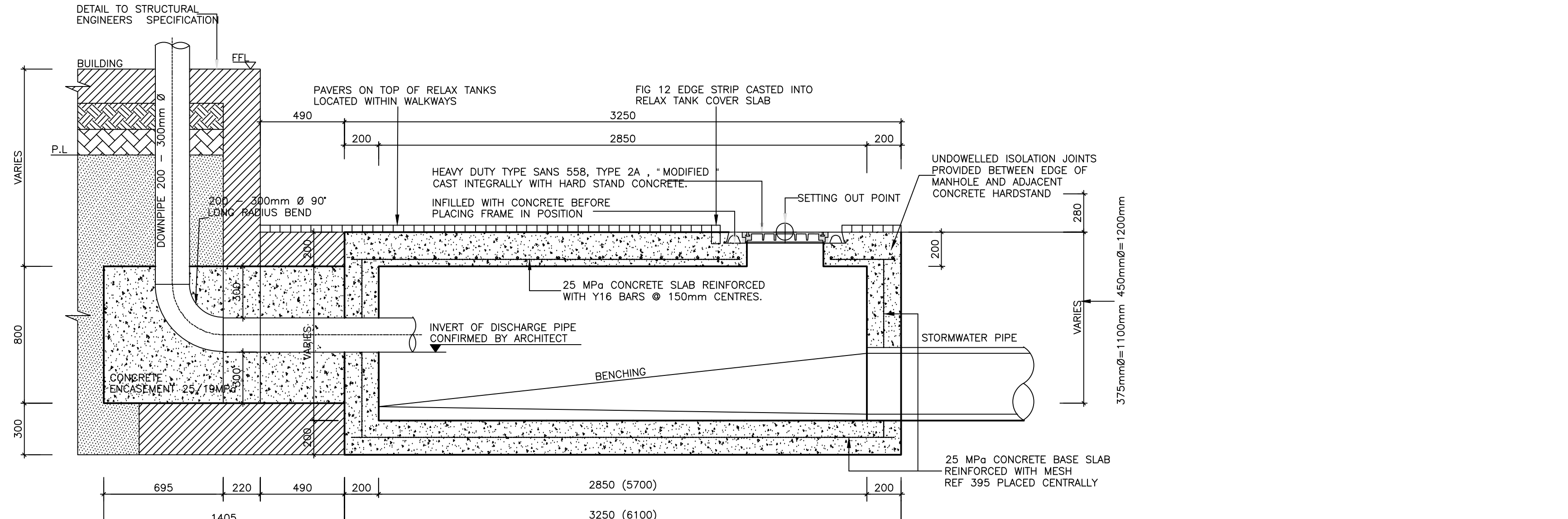
SECTION B-B
SCALE 1:20



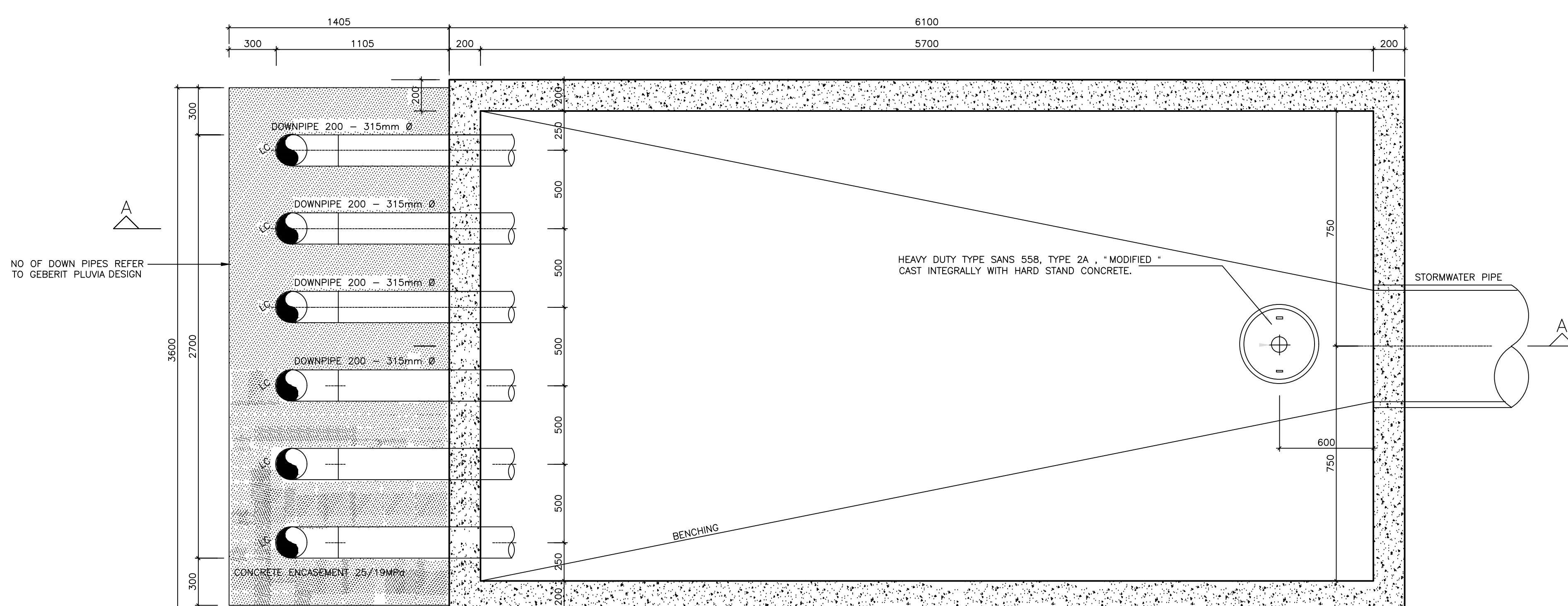
SECTION A-A
SCALE 1:20



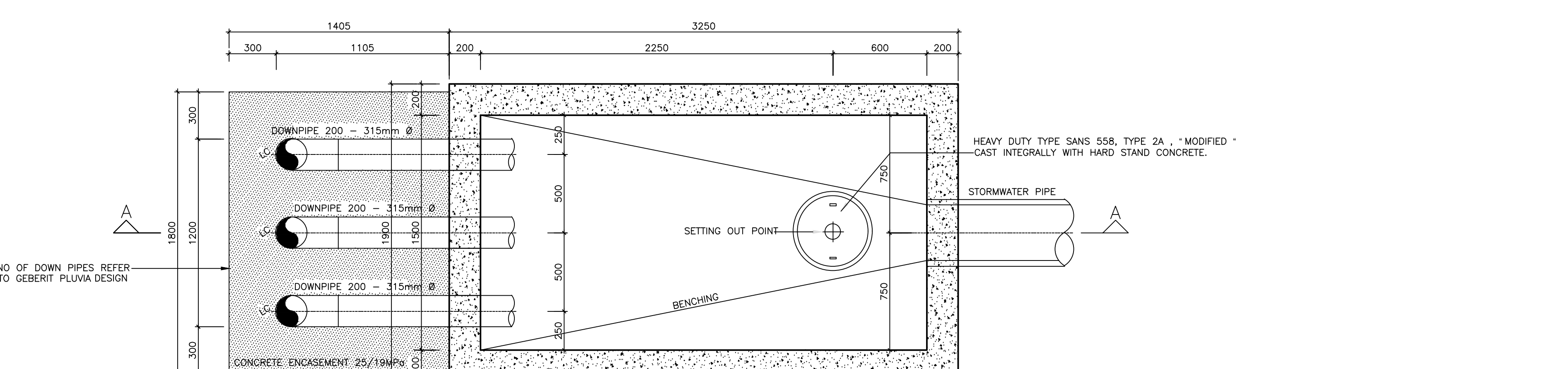
GRATE INLET - PLAN VIEW
SCALE 1:20



SECTION A-A
SCALE 1:20



PLAN STORMWATER RELAX TANK (SIZE 2)
SCALE 1:20



PLAN STORMWATER RELAX TANK (SIZE 1)
SCALE 1:20