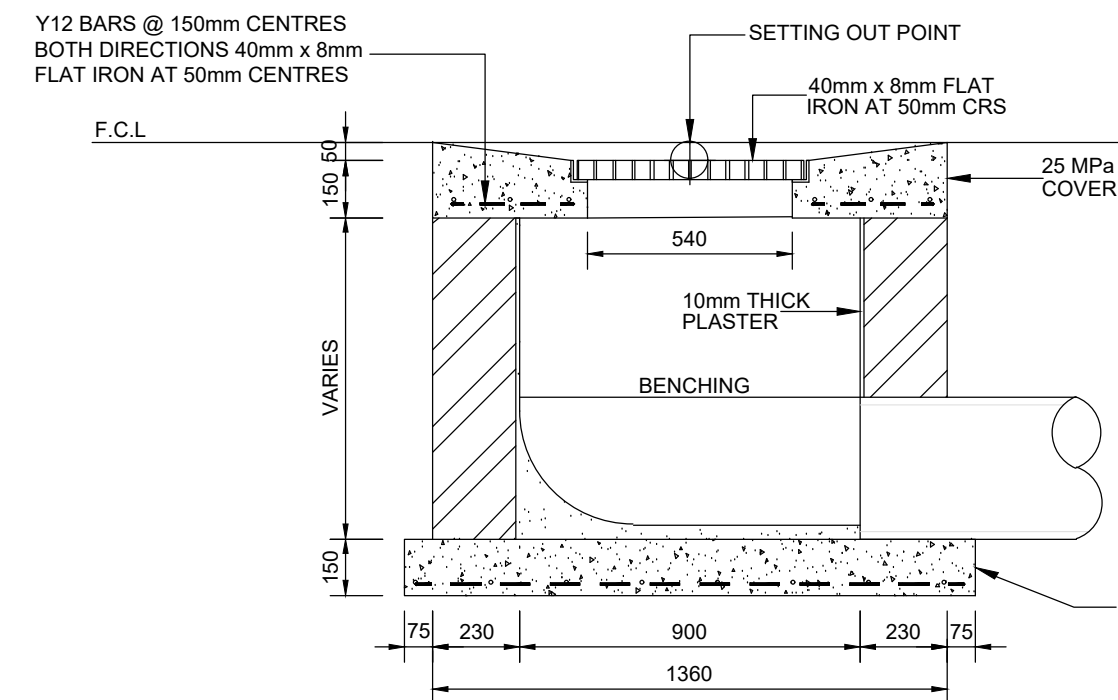
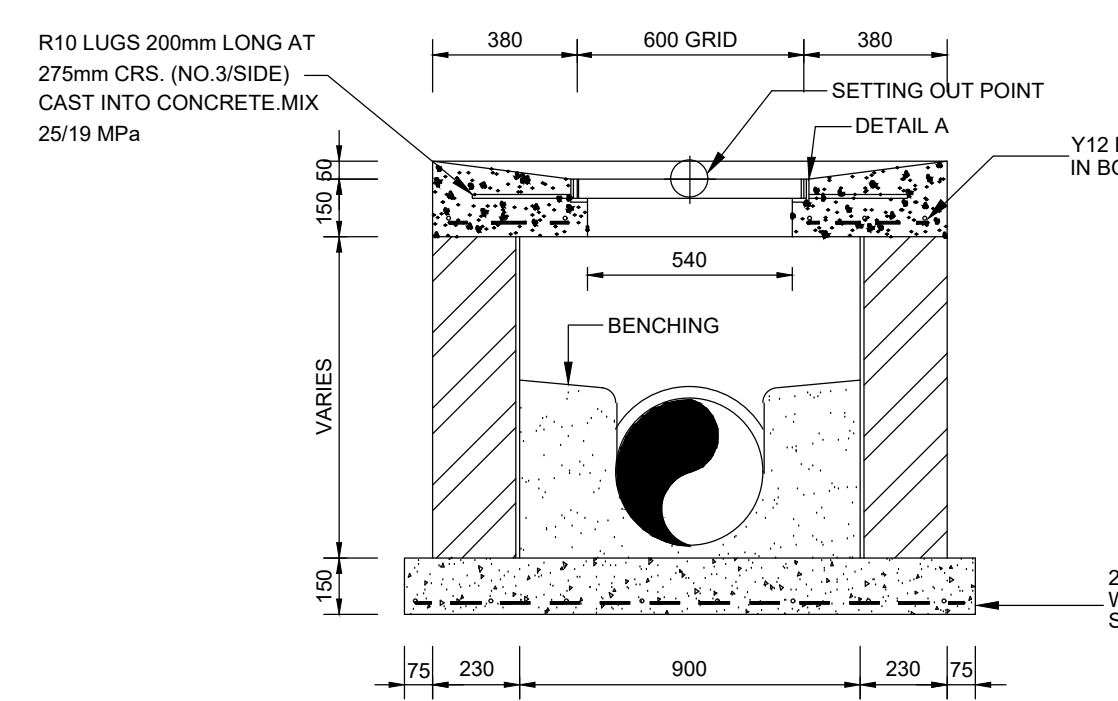


PLAN VIEW
SCALE 1:20

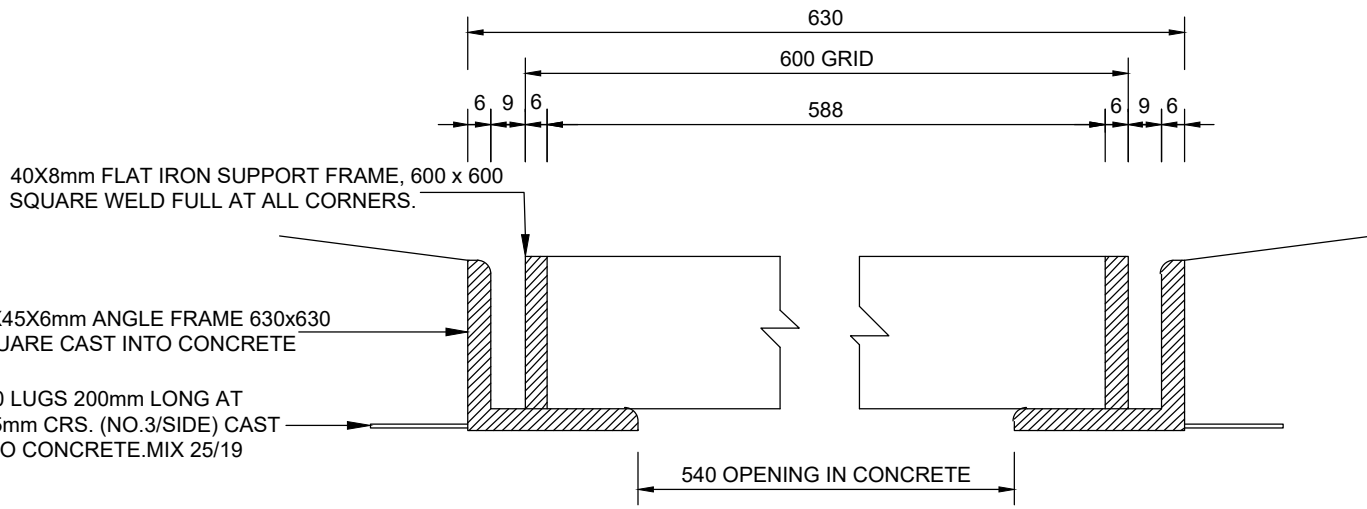


SECTION A-A
SCALE 1:20

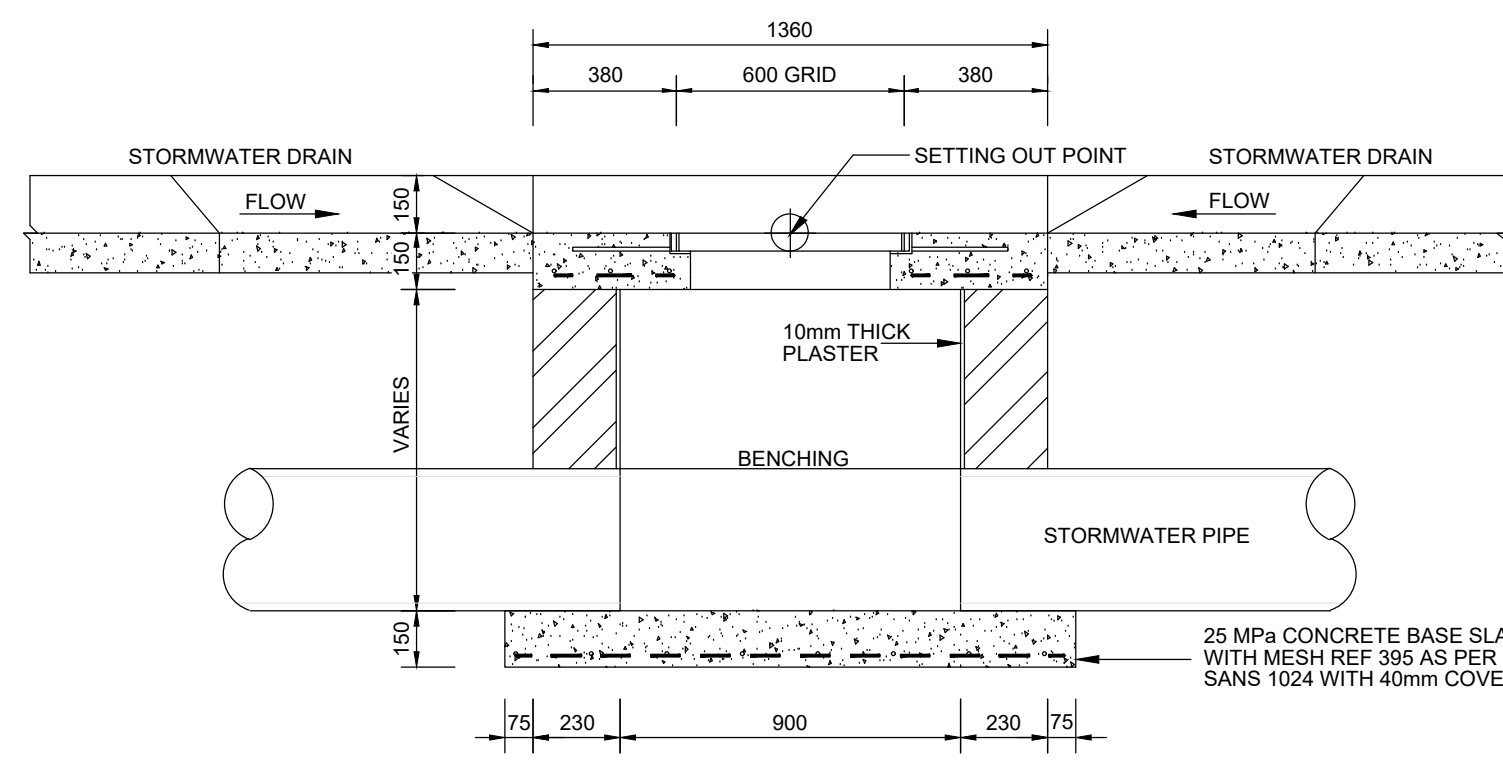


SECTION B-B
SCALE 1:20

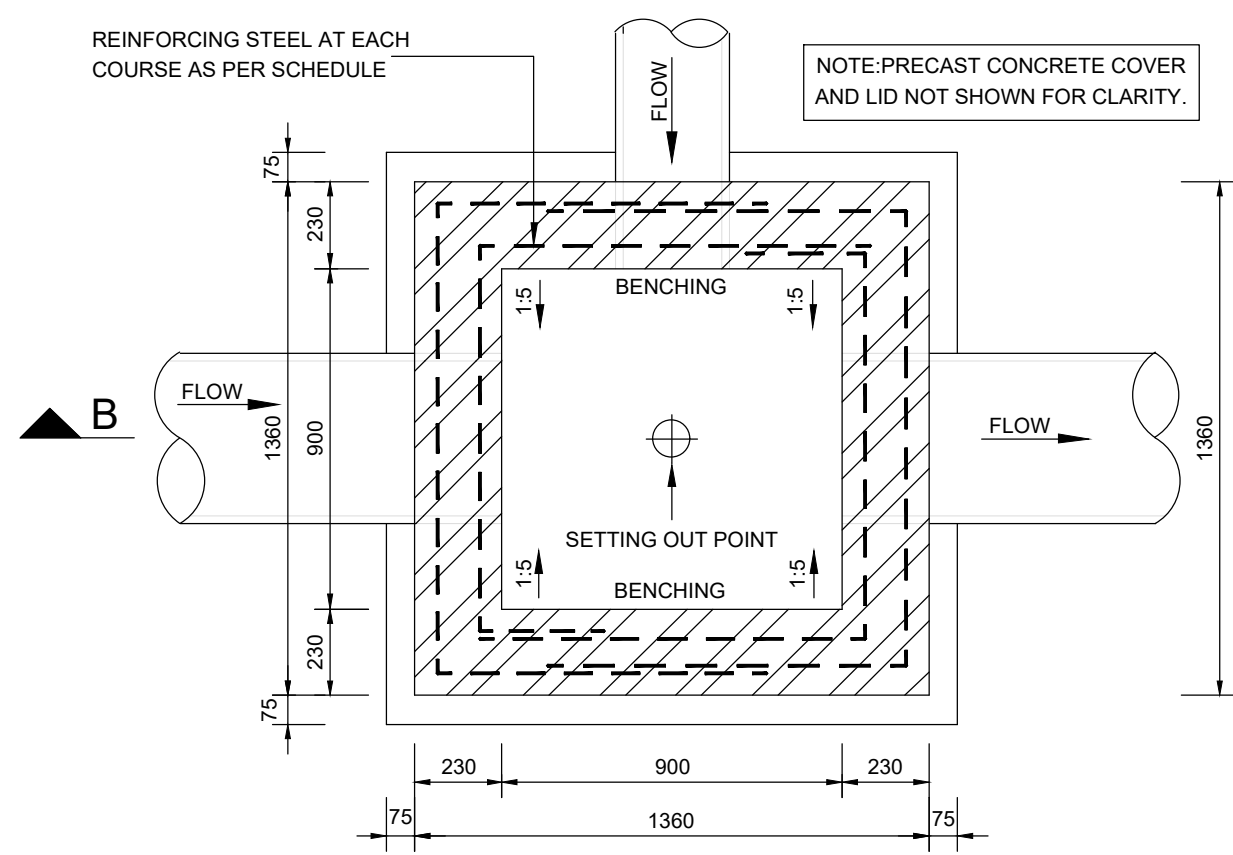
TYPICAL GRID INLET DETAIL
(AT LOW POINTS)



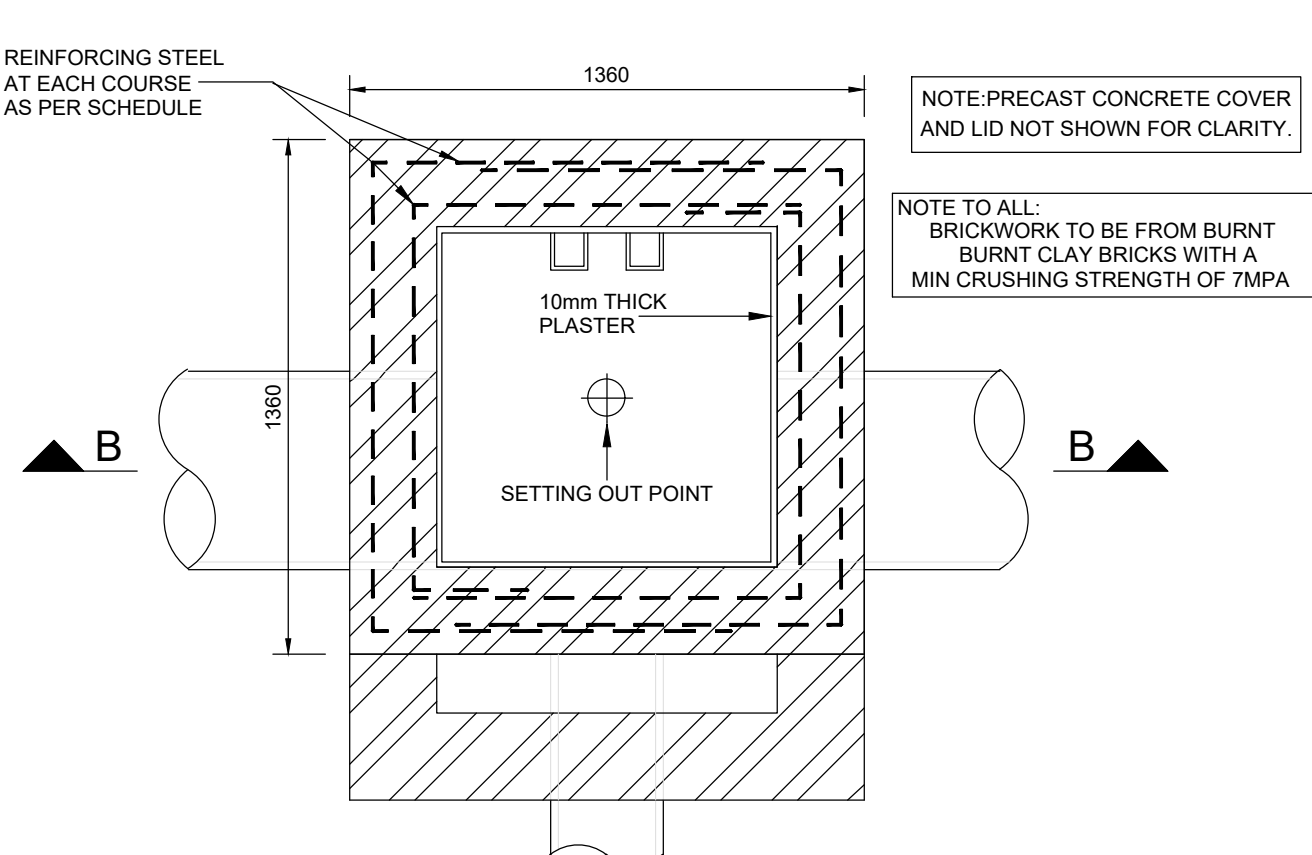
DETAIL A
SCALE 1:20



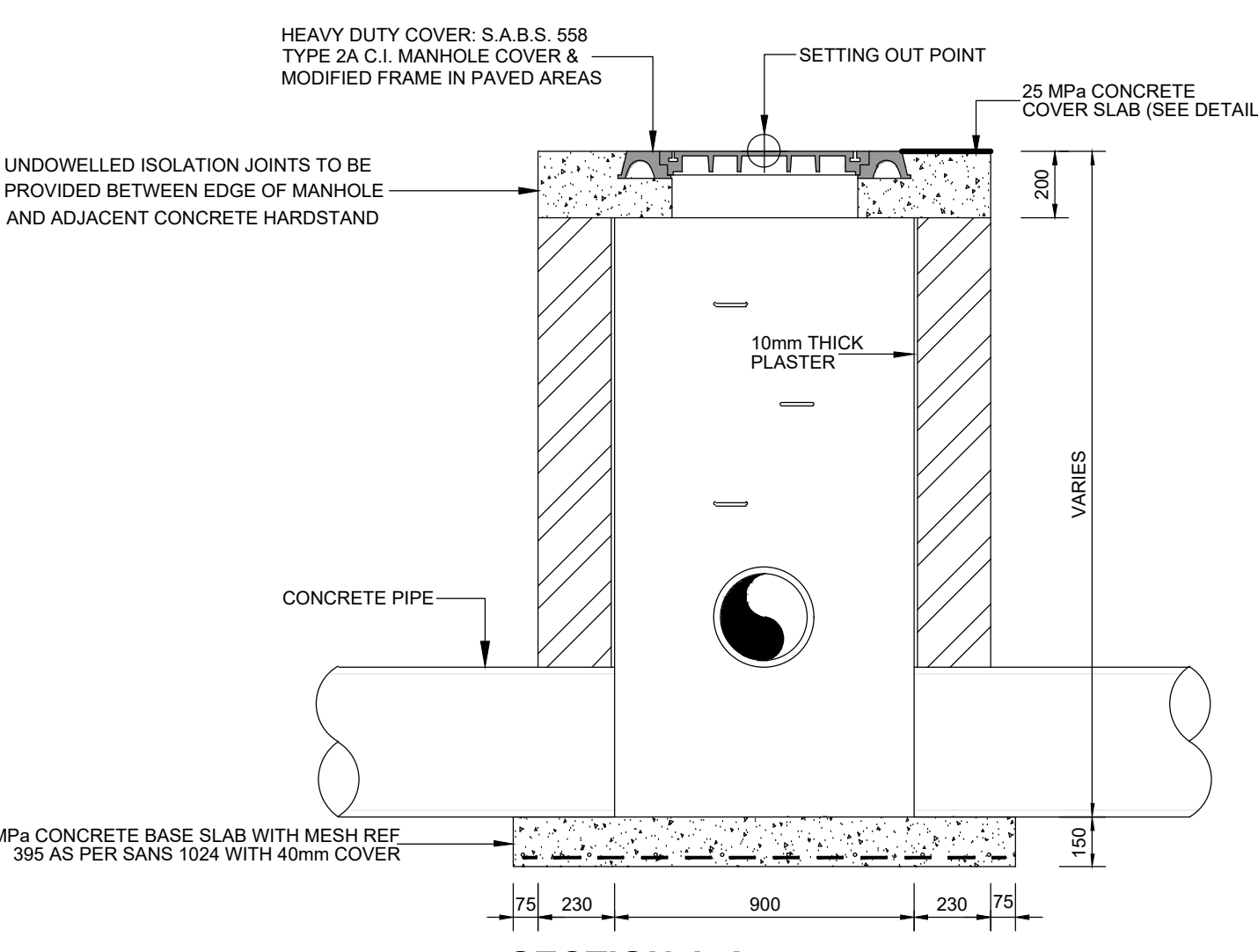
SECTION C-C
SCALE 1:20



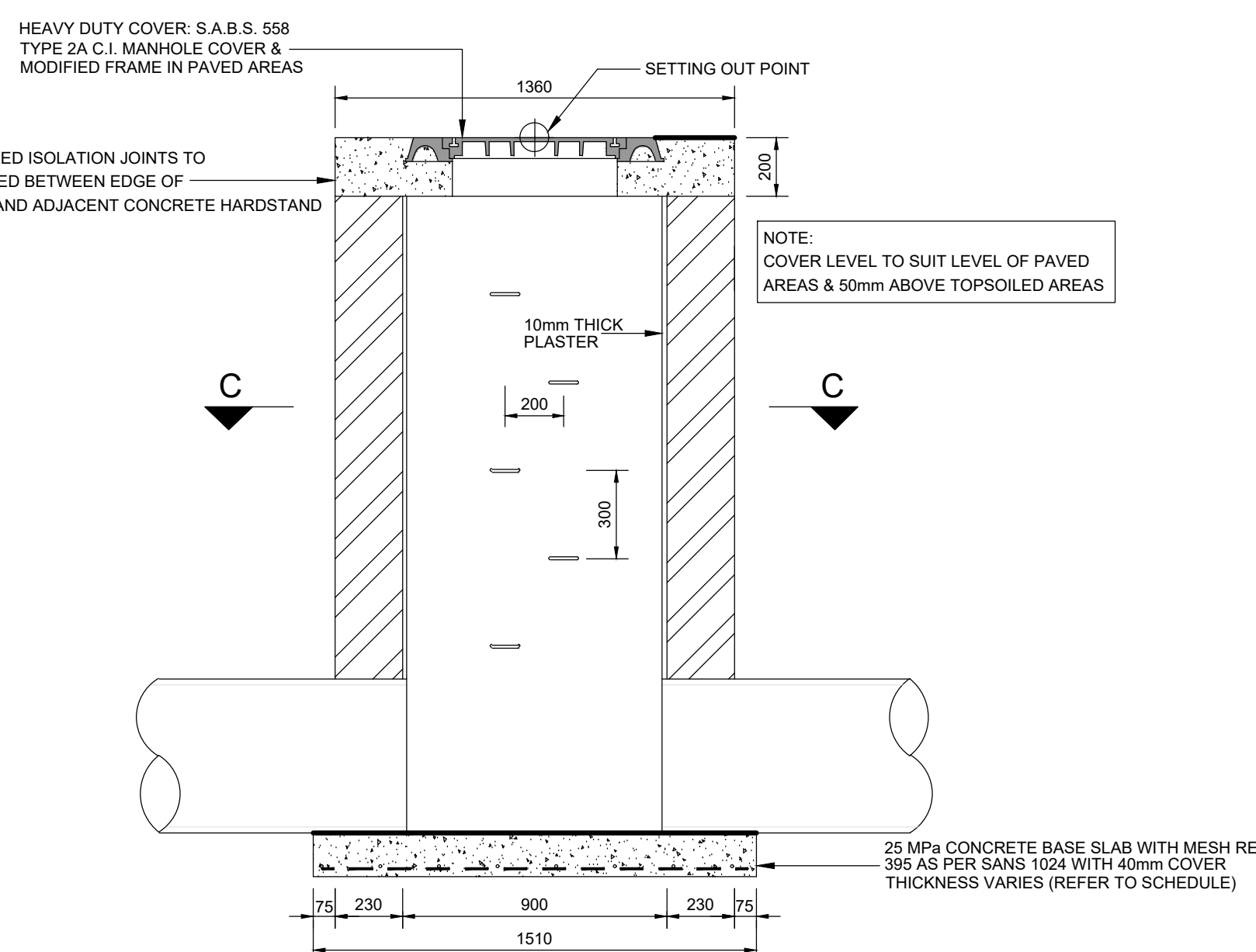
PLAN - MANHOLE TYPE A (PIPES UP TO 600 DIA)
SCALE 1:20



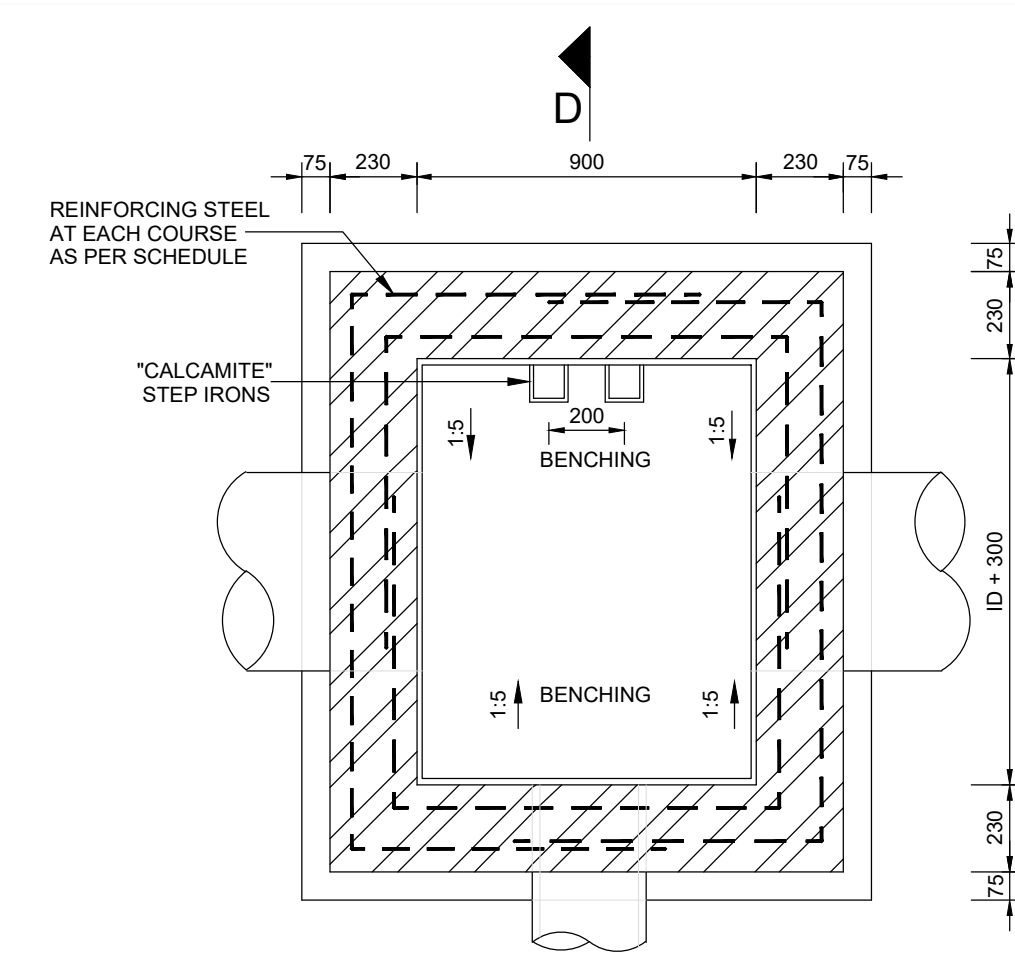
PLAN - MANHOLE TYPE B (PIPES > 600 DIA)
SCALE 1:20



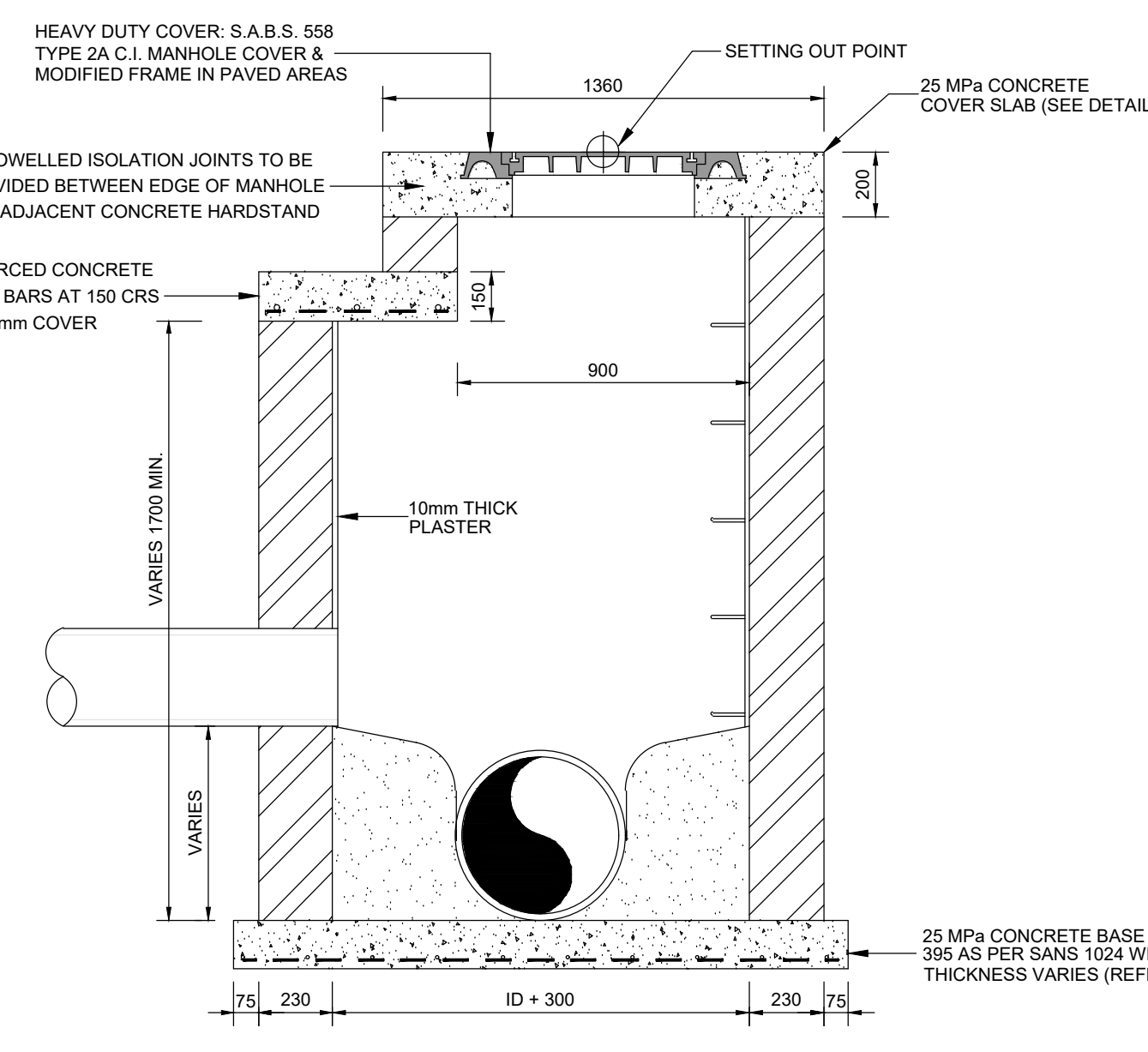
SECTION A-A
SCALE 1:20



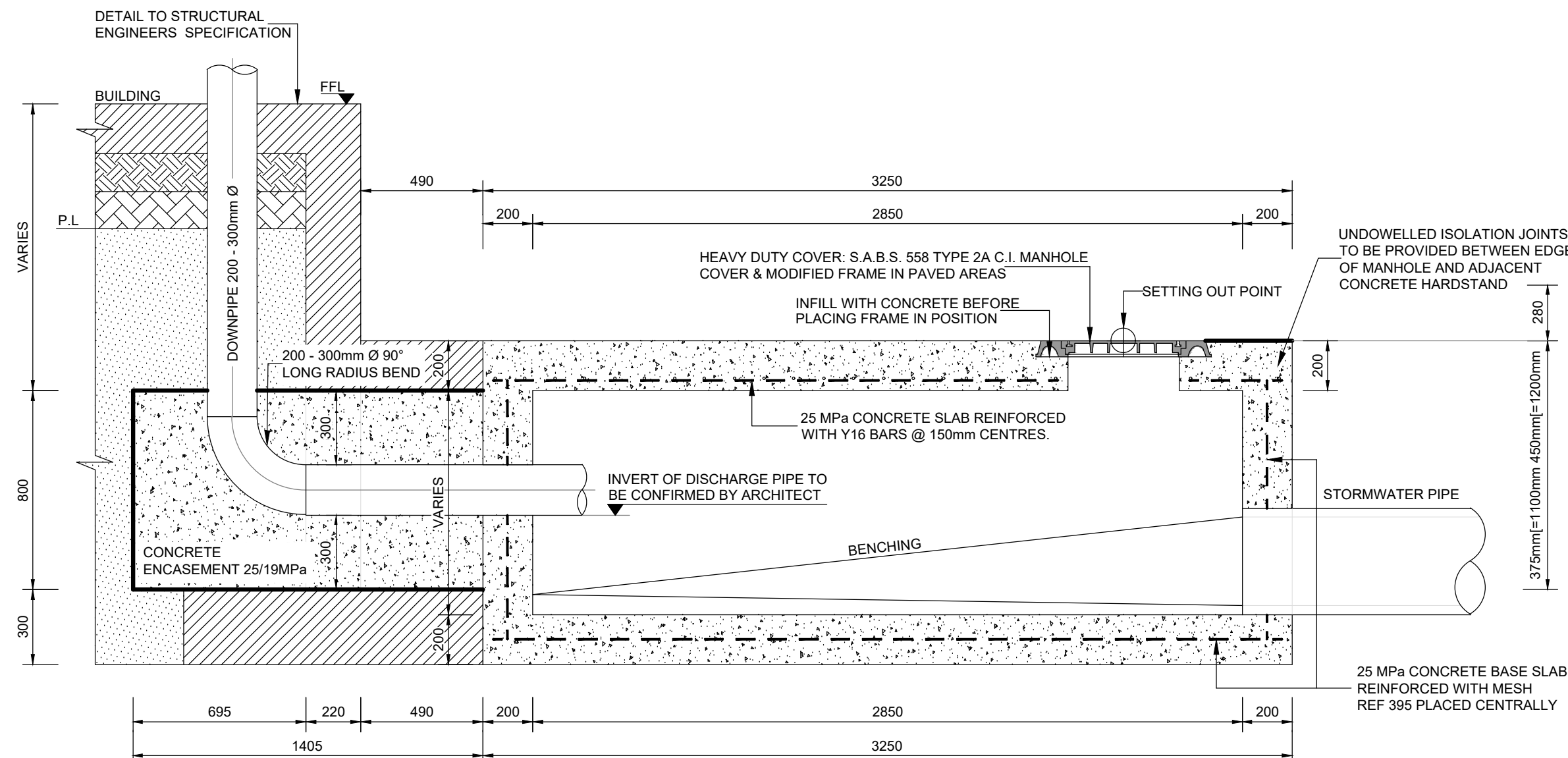
SECTION B-B
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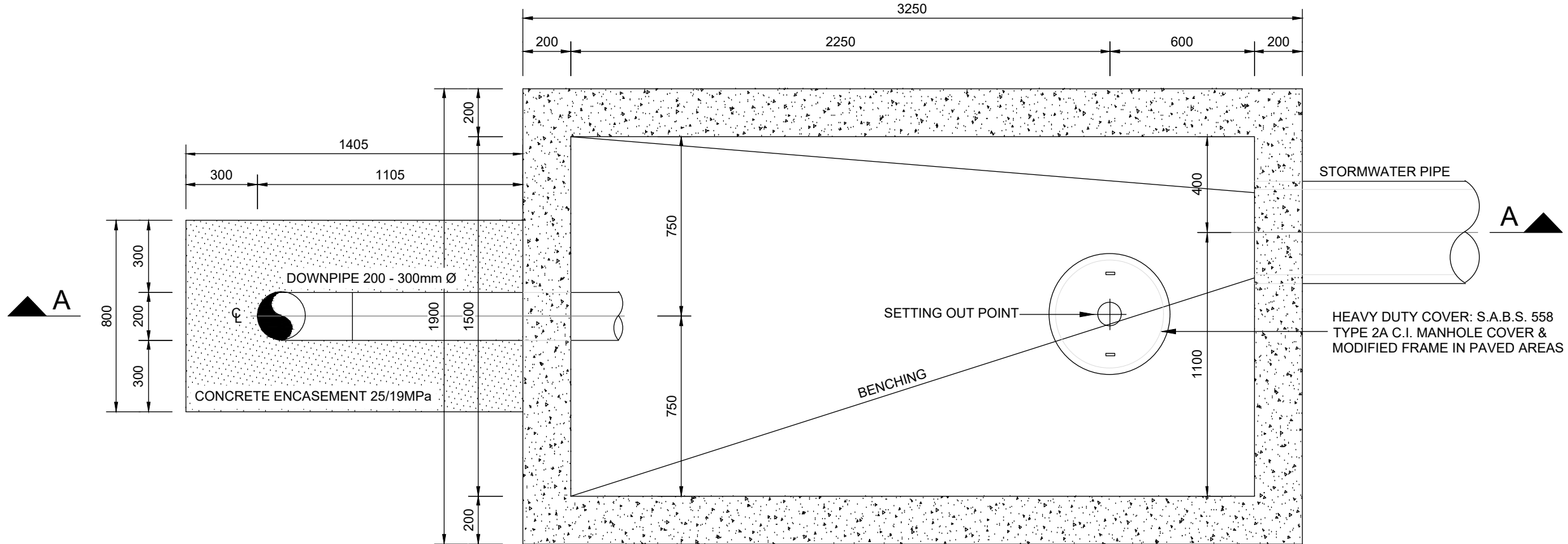
SECTION C-C
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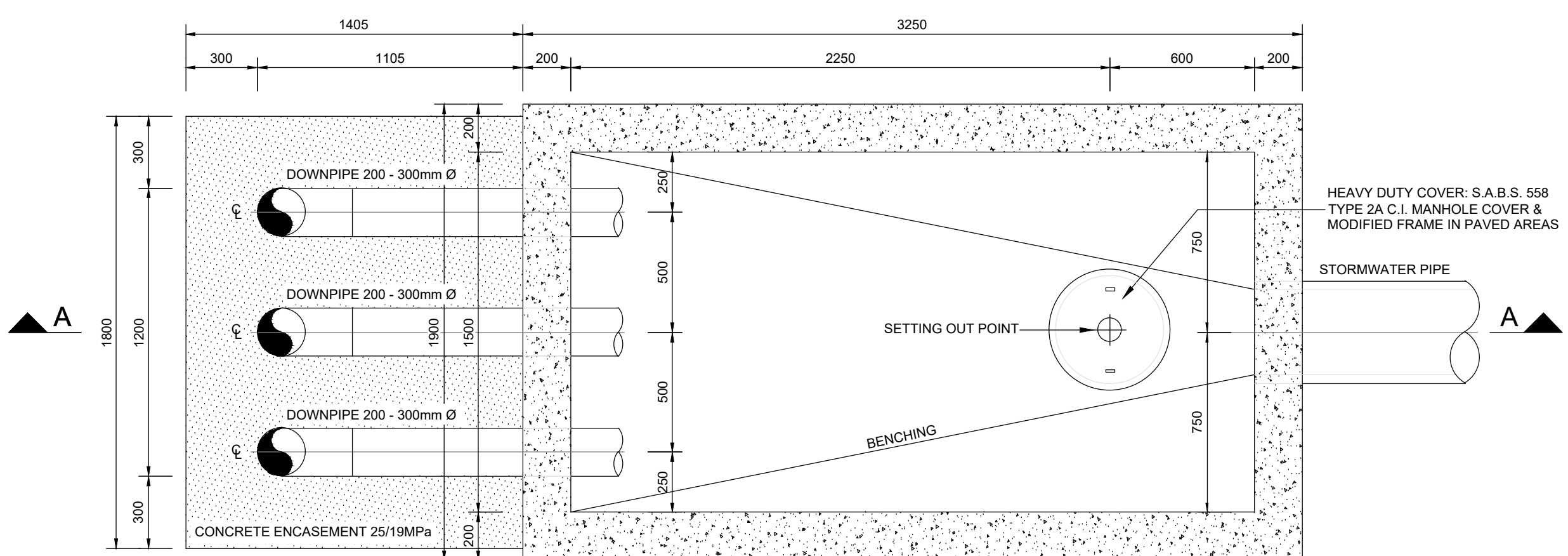
SECTION D-D
SCALE 1:20



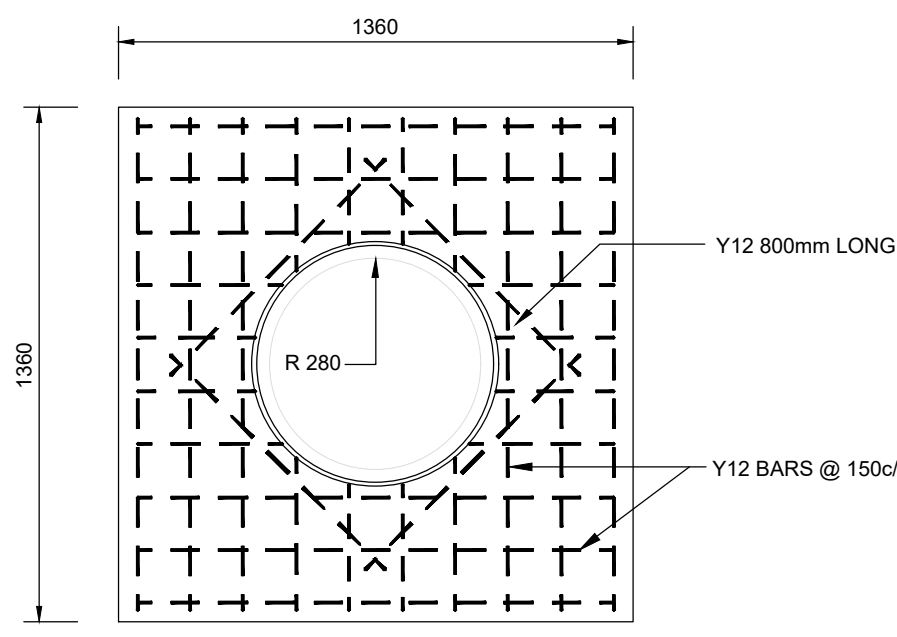
DETAIL TO STRUCTURAL
ENGINEERS SPECIFICATION
SCALE 1:20



PLAN STORMWATER RELAX TANK (AT BUILDING CORNERS)
SCALE 1:20



PLAN STORMWATER RELAX TANK (ELSEWHERE - MIDDLE/CENTRE TO GRID)
SCALE 1:20

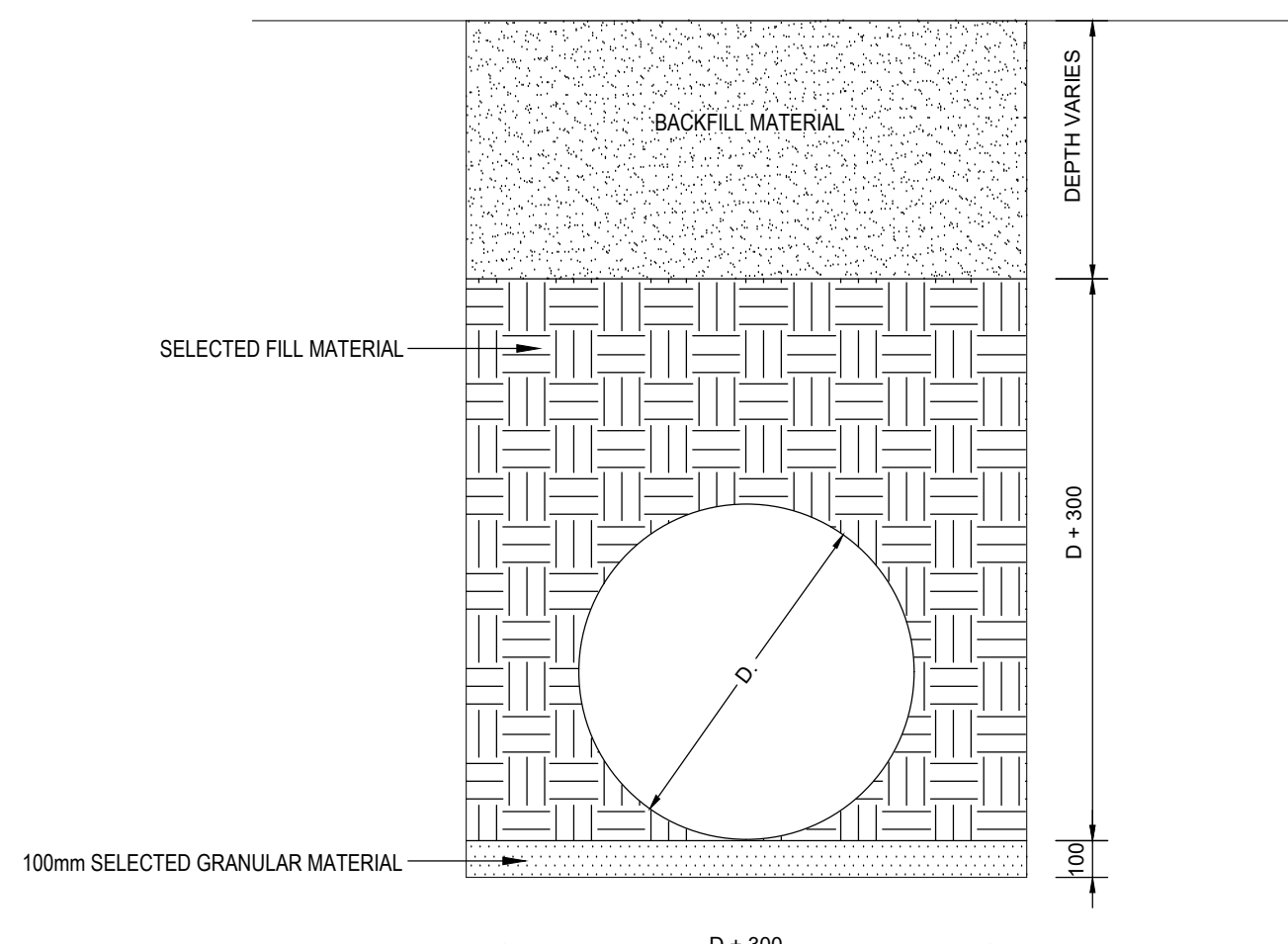


MANHOLE COVER SLAB
SCALE 1:20

CHAMBER SCHEDULE		
DEPTH COVER	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	Y6
2 TO 5	2	Y6
5 TO 8	2	Y8

- NOTES:
- "CALCAMITE" STEP IRONS TO BE PROVIDED IN MANHOLES > 1.0m DEEP
 - STEP IRONS TO BE SPACED AT 300mm CRS VERTICALLY AND STAGGERED AT 200mm CRS HORIZONTALLY. STARTING 500mm BELOW COVER LEVEL
 - BITU-JOINT OR SIMILAR BITUMEN COMPOUND TO BE USED AS A JOINT SEALANT BETWEEN MANHOLE RINGS
 - BENCHING TO BE FINISHED WITH MIN. 20mm THICK 1:3 CEMENT MORTAR
 - COUPLINGS TO BE PROVIDED IMMEDIATELY OUTSIDE MANHOLE ON EACH BRANCH AND OUTLET



TRENCH EXCAVATION
SCALE: 1:N.T.S.

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GENERAL NOTE

1. ALL STRUCTURAL, ELECTRICAL, CIVIL AND LANDSCAPING QUERIES ARE
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SPECIFICATIONS AND DETAILS

2. ALL PLUMBING QUERIES ARE TO BE REFERRED TO THE RELEVANT
SPECIFICATIONS AND DETAILS

3. ALL CONCRETE, COLUMNS AND STRUCTURAL QUERIES ARE TO BE
REFERRED TO THE STRUCTURAL ENGINEER'S DRAWINGS, SPECIFICATIONS
AND DETAILS

4. ALL EXTERNAL / INTERNAL WALLS REQUIRING BRACING / STIFFENING
ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STRUCTURAL
ENGINEER'S DRAWINGS, SPECIFICATIONS AND DETAILS

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REFERRED TO CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS

6. ALL DESIGN AND CONSTRUCTION TO COMPLY WITH THE RELEVANT SANS
REGULATIONS

7. ANY DISCREPANCY IN THE DRAWINGS, DIMENSIONS & SPECIFICATIONS
TO BE BROUGHT TO THE ATTENTION OF THE CONSULTANT AND
ARCHITECT PRIOR TO ANY WORK BEING PUT IN HAND

8. ONLY DIMENSIONS TO BE FOLLOWED - SCALED DIMENSIONS OF
DRAWINGS WILL NOT BE PERMITTED

No

Date

Revision

Description

By

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business streamlines

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TENANT

SUNDALE

Name :

Tenant Approval :

Designation:

Date:

Project

Drawing Title

Stormwater
GENERAL DETAILS 1 OF 3

Date

01.05.2019

Drawn

Author

Scale

AS SHOWN

Checked

Checker

Approved

Name:

Approver

Reg No:

PrArch5559

Signature:

Date:

Practice:

Osmond Lange Architects and Planners

Workstage

FOR INFORMATION

Drawing Number

33722-SUND-DET-2

Revision

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