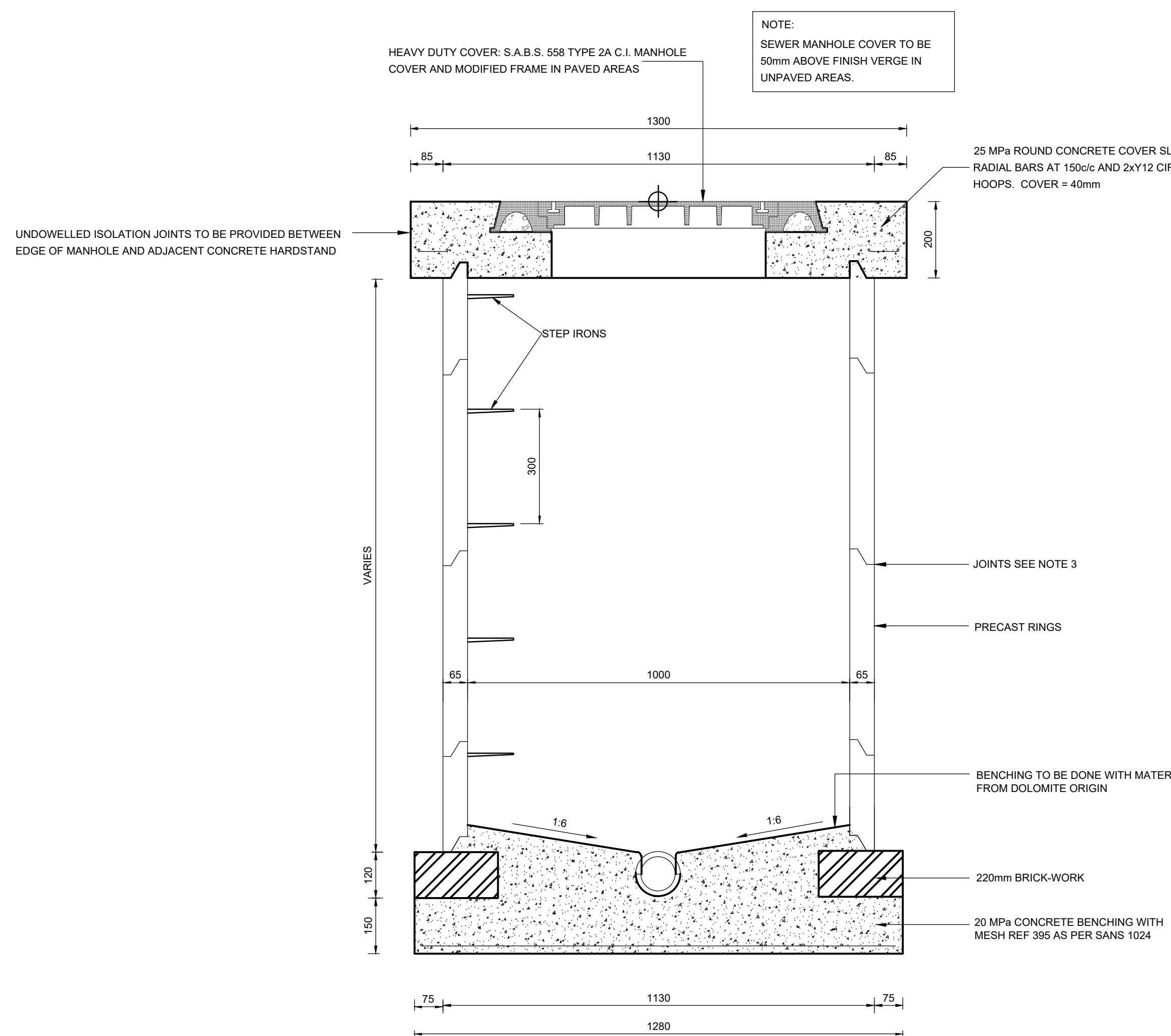
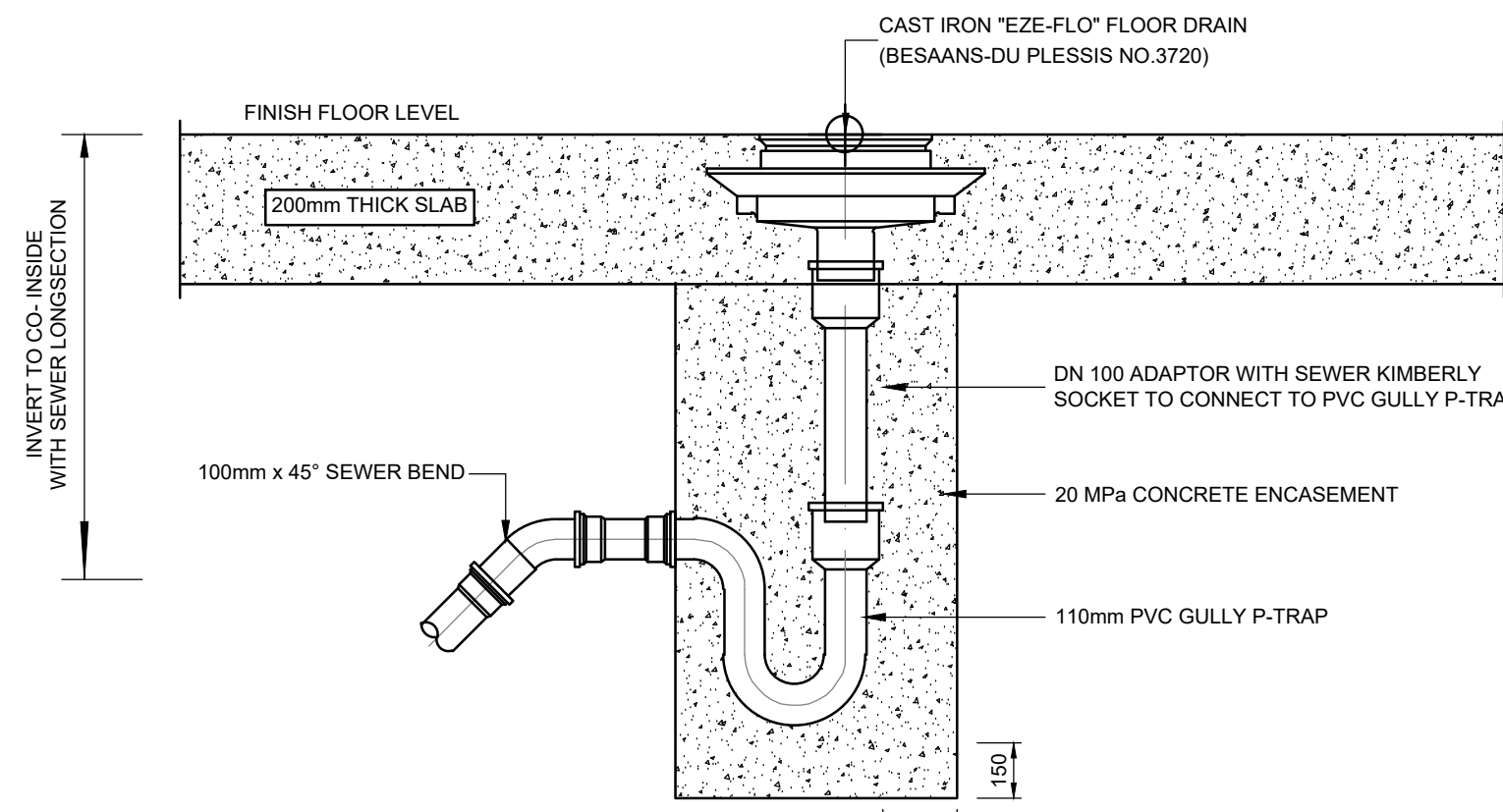


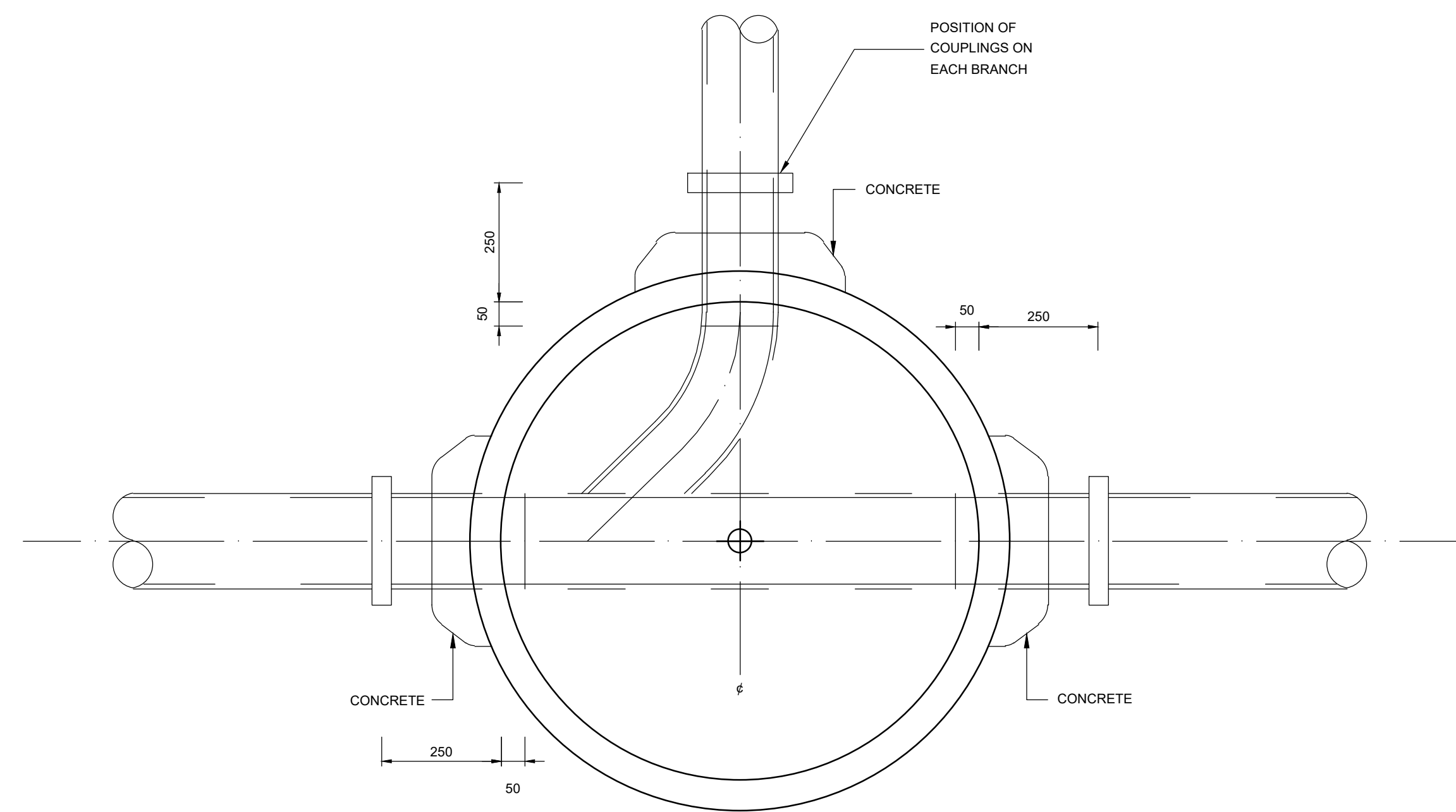
PRECAST SEWER MANHOLE > 1500mm IN DEPTH
SCALE 1:20



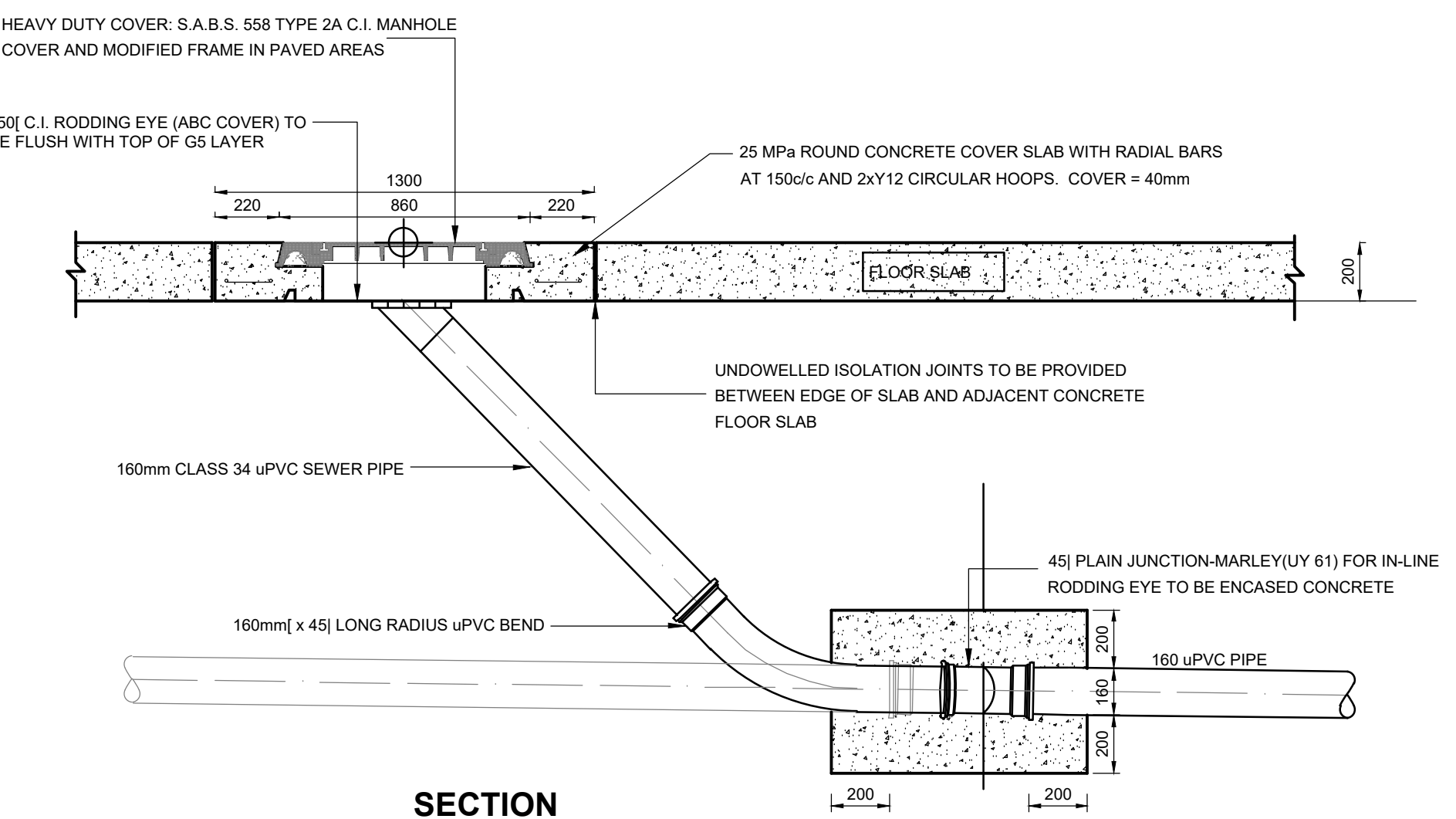
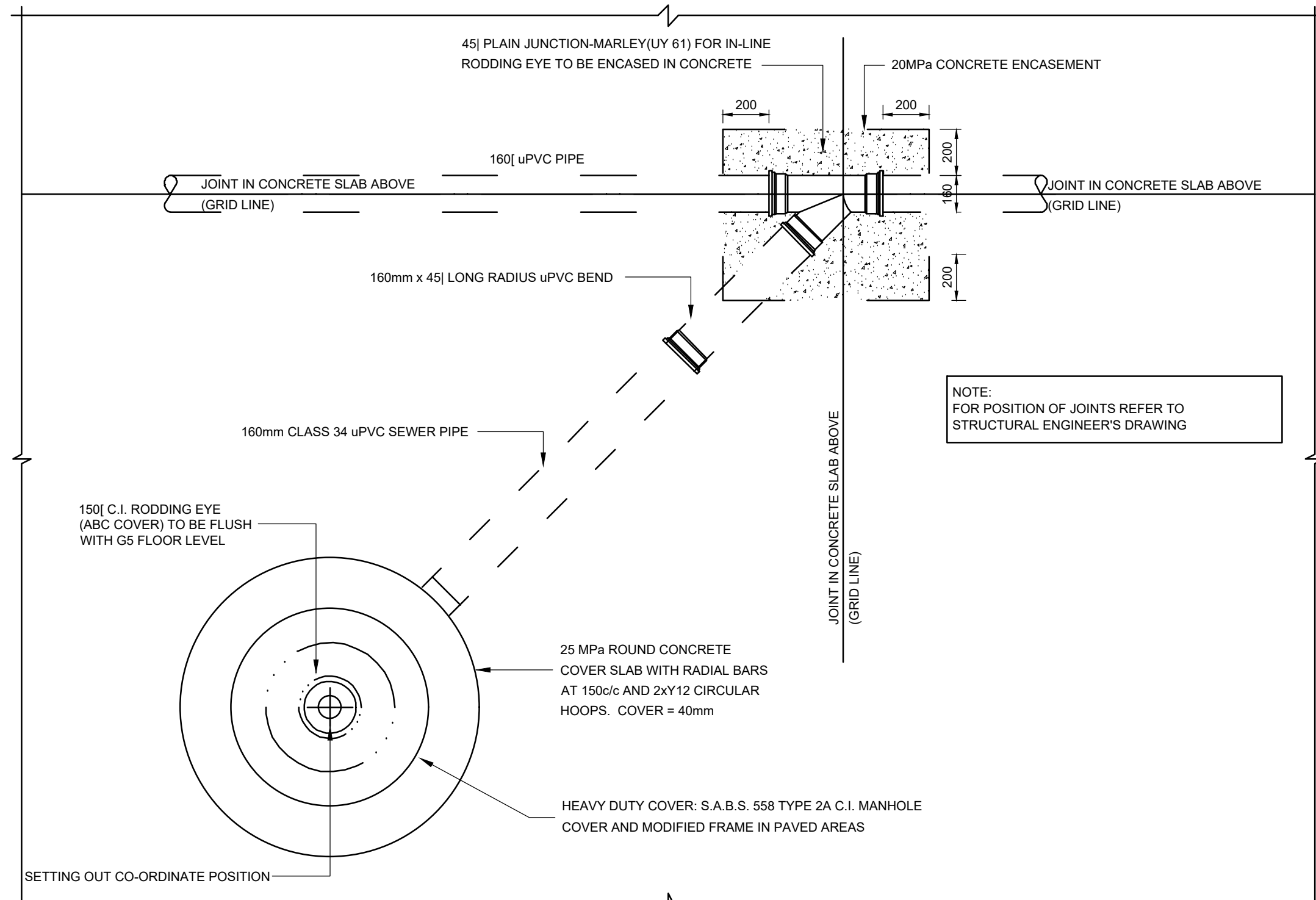
PRECAST SEWER MANHOLE < 1500mm IN DEPTH
SCALE 1:20



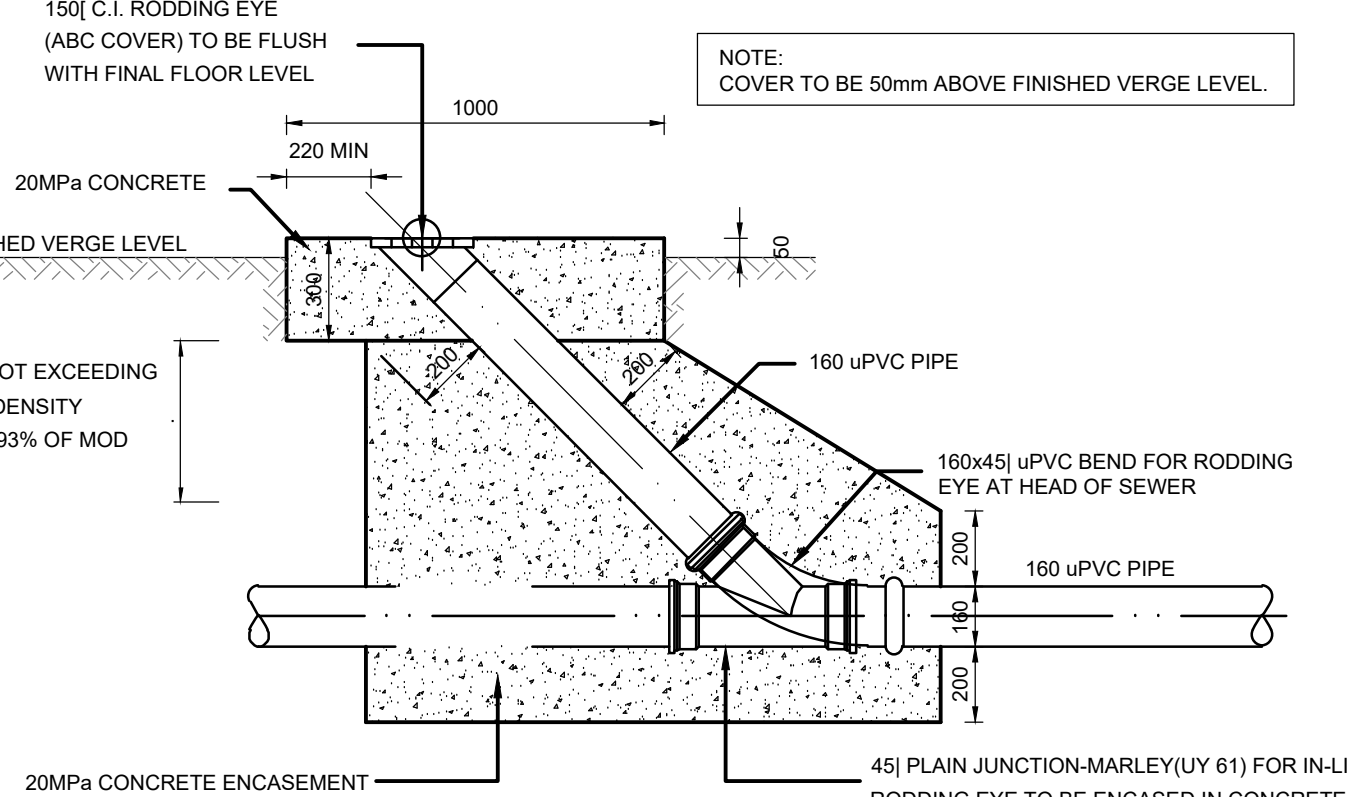
TYPICAL FLOOR DRAIN DETAIL
SCALE 1:20



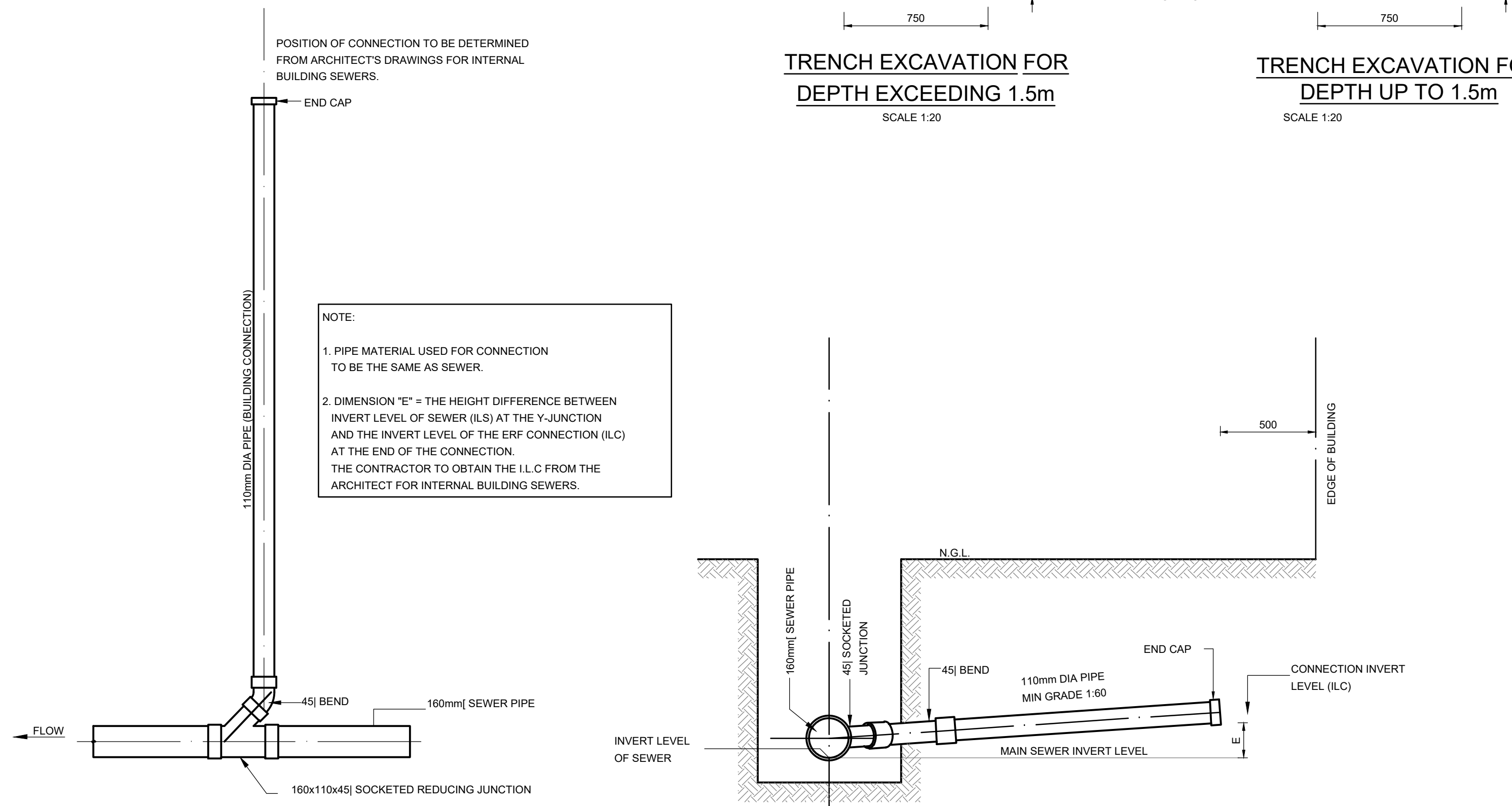
TYPICAL PLAN OF SEWER MANHOLE
SCALE 1:20



TYPICAL RODDING EYE ON 160mm SEWER MAIN UNDER BUILDINGS
SCALE 1:20



TYPICAL SECTION THROUGH RODDING EYE ON 160mm SEWER MAIN (ELSEWHERE)
SCALE 1:20



BUILDING CONNECTION DETAILS

- NOTES:
1. 'CALCAMITE' STEP IRONS TO BE PROVIDED IN MANHOLES > 1.0m DEEP
 2. STEP IRONS TO BE SPACED AT 300mm CRS VERTICALLY AND STAGGERED AT 200mm CRS HORIZONTALLY. STARTING 500mm BELOW COVER LEVEL.
 3. BITU-JOINT OR SIMILAR BITUMEN COMPOUND TO BE USED AS A JOINT SEALANT BETWEEN MANHOLE RINGS.
 4. BENCHING TO BE FINISHED WITH MIN. 20mm THICK 1:3 CEMENT MORTAR
 5. COUPLINGS TO BE PROVIDED IMMEDIATELY OUTSIDE MANHOLE ON EACH BRANCH AND OUTLET.
 6. ALL SEWER MANHOLES TO BE DONE BY A REGISTERED PLUMBER IN ACCORDANCE WITH THE CODE
 7. ALL SEWER MANHOLES TO BE TESTED FOR WATER TIGHTNESS AND RECORDED FOR AS BUILT INFORMATION

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GENERAL NOTE

1. ALL STRUCTURAL, ELECTRICAL, CIVIL AND LANDSCAPING QUERIES ARE TO BE REFERRED TO THE RELEVANT CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS

2. ALL PLUMBING QUERIES ARE TO BE REFERRED TO THE RELEVANT SPECIALIST CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS

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

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

5. ALL SPECIFICATIONS WITH REGARD TO PRE REGULATIONS, TO BE 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 FOURED DIMENSIONS TO BE FOLLOWED - SCALED DIMENSIONS OF DRAWINGS WILL NOT BE PERMITTED

No	Date	Revision	Description	By

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DESIGNATION: _____ DATE : _____

Project

ELIDZ- ASP2 - HW1

Drawing Title

SEWER GENERAL DETAILS

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	Revision
33722- HW1 -DET-1	