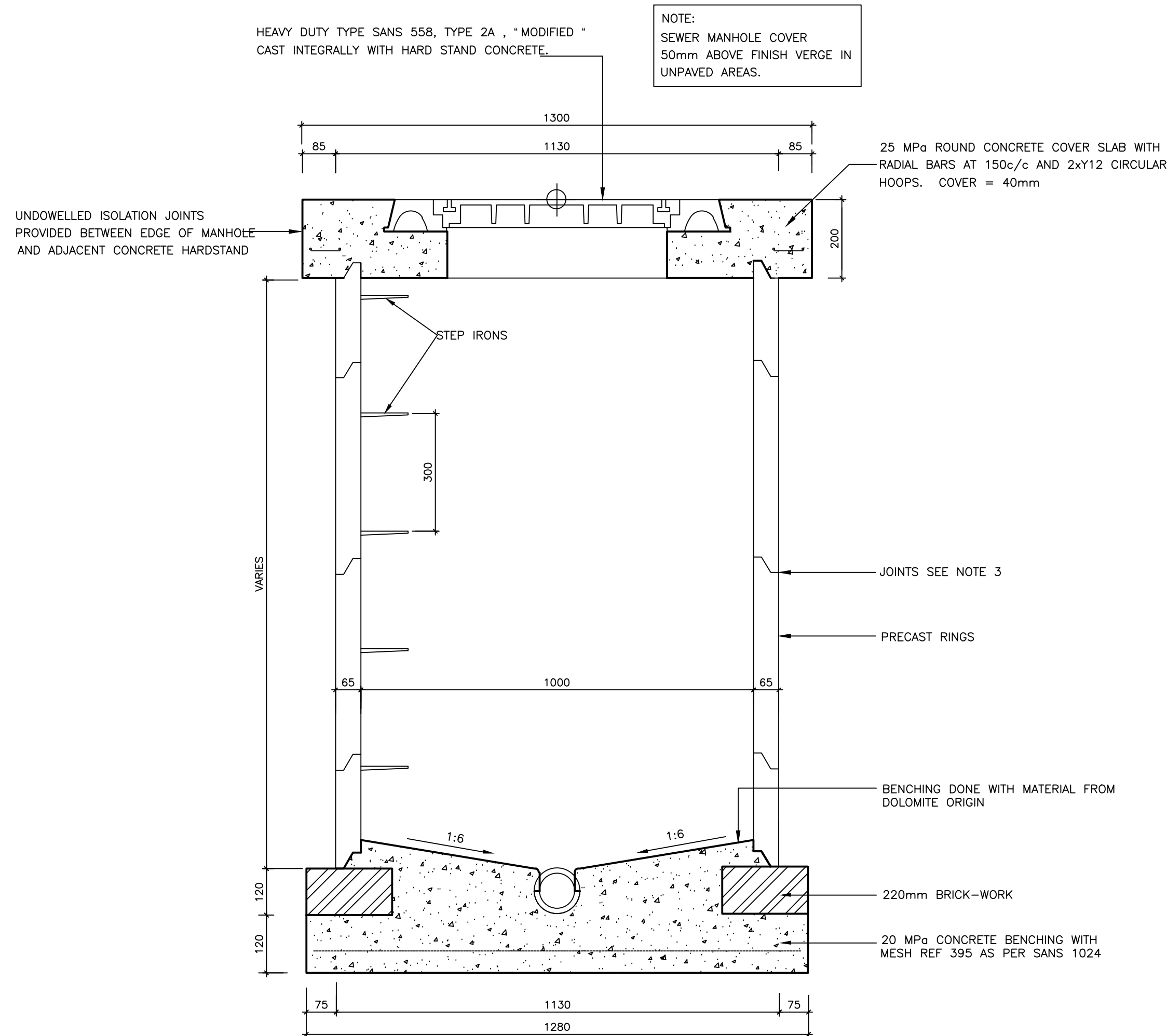
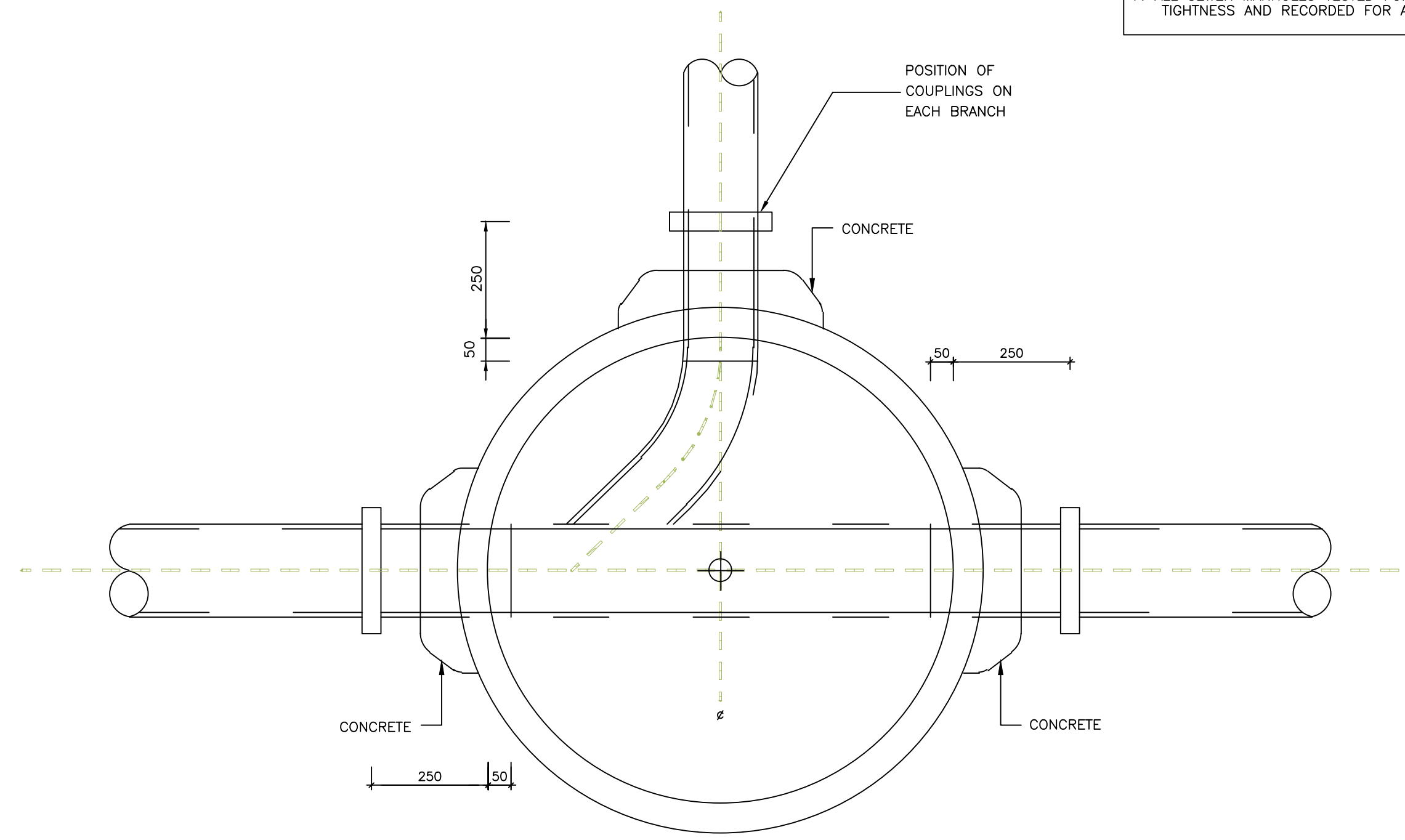


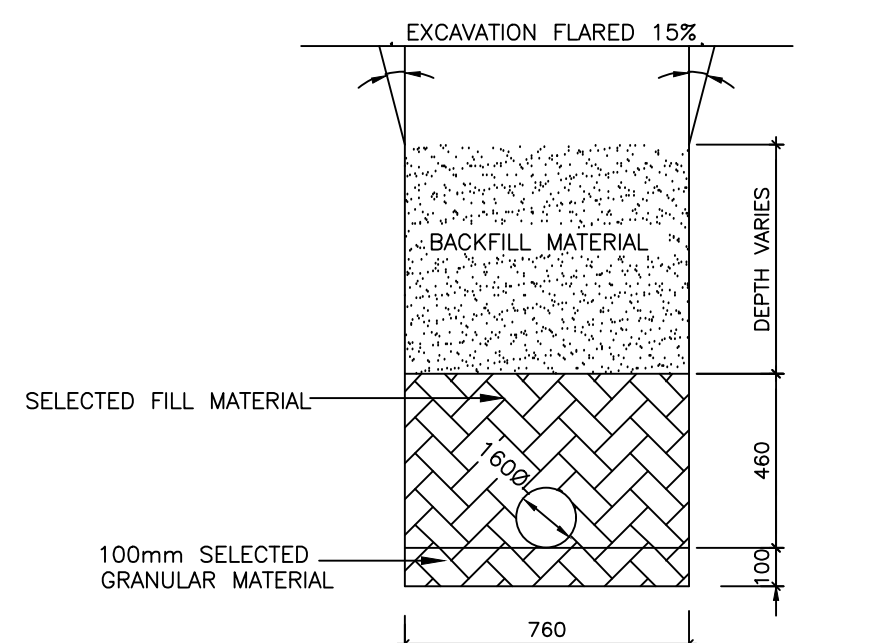
PRECAST SEWER MANHOLE > 1500mm IN DEPTH
SCALE 1 : 10



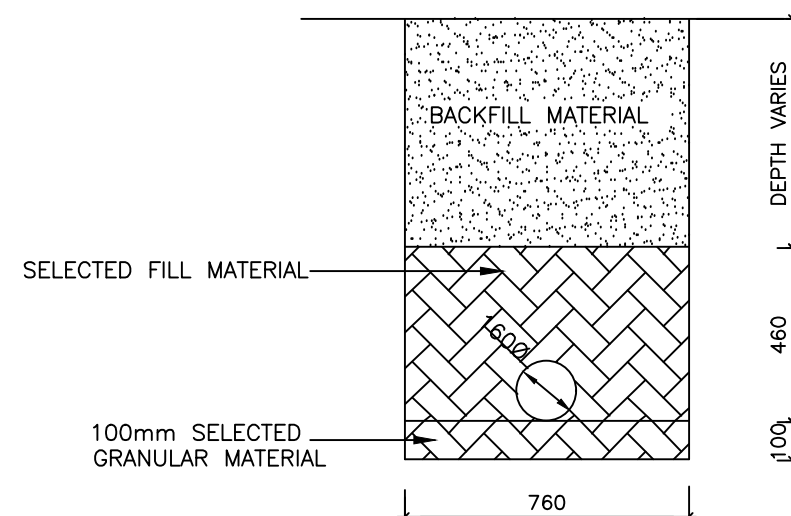
PRECAST SEWER MANHOLE < 1500mm IN DEPTH
SCALE 1 : 10



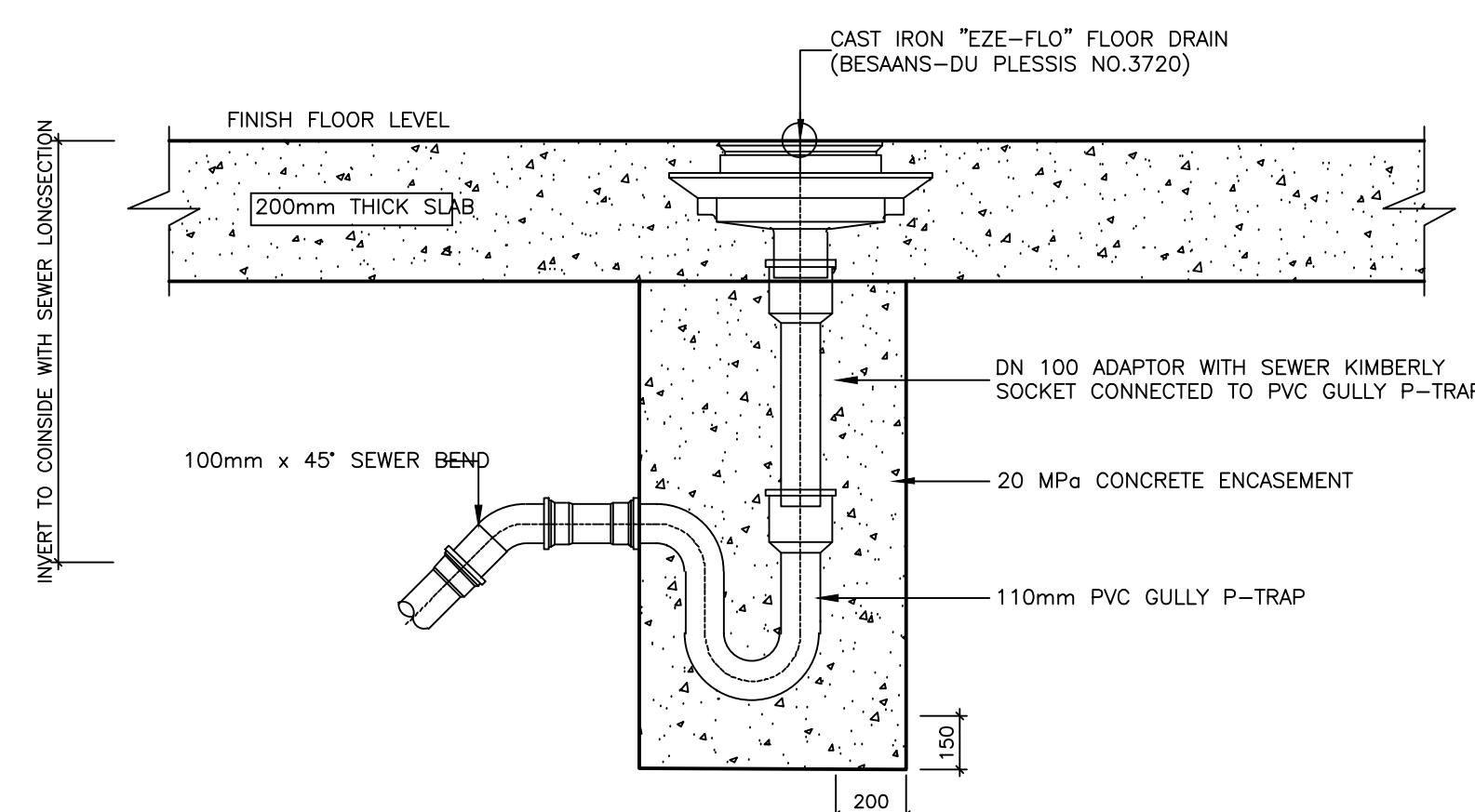
TYPICAL PLAN OF SEWER MANHOLE
SCALE 1 : 10



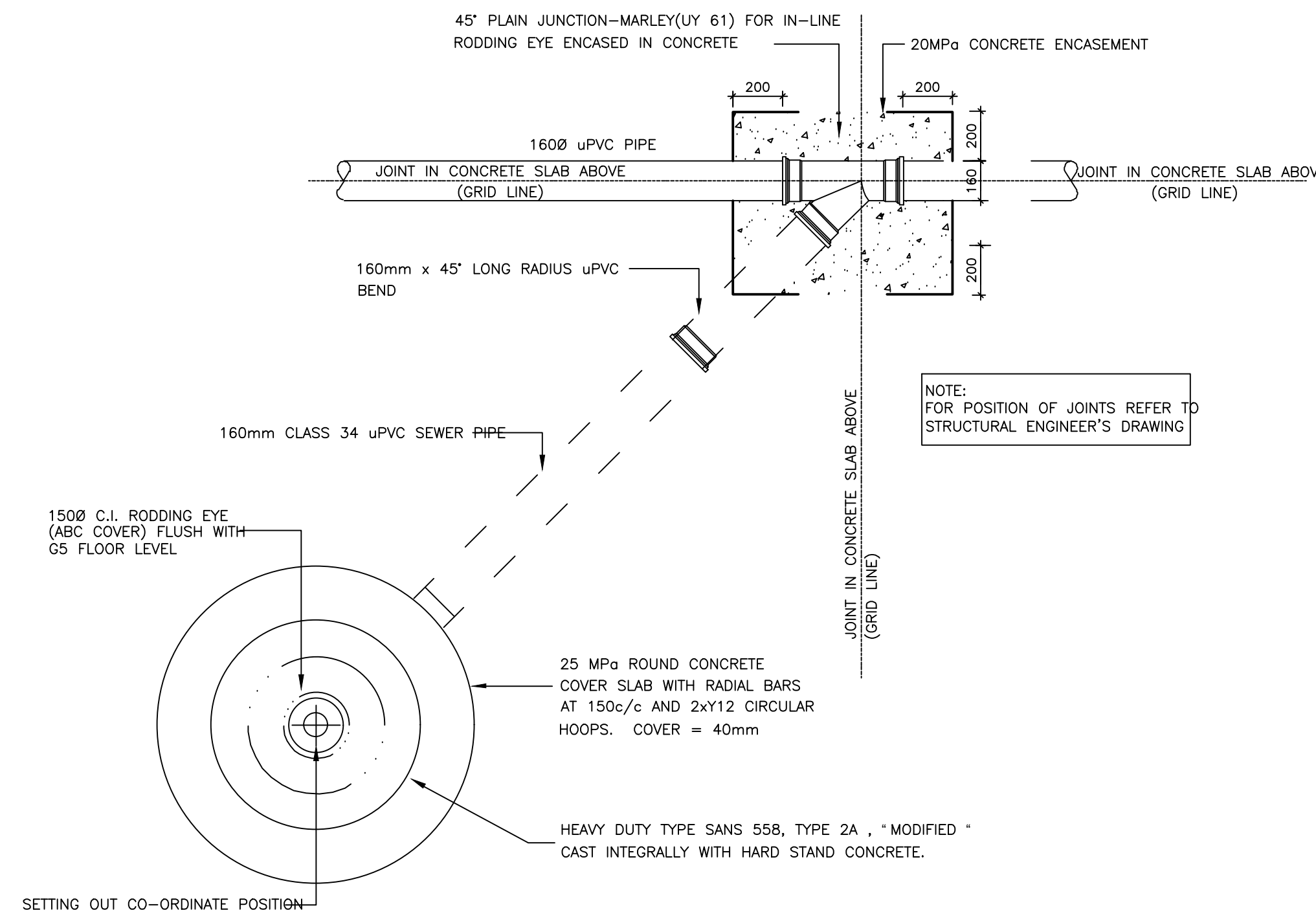
TRENCH EXCAVATION FOR DEPTH UP TO 1.5m
SCALE 1:10



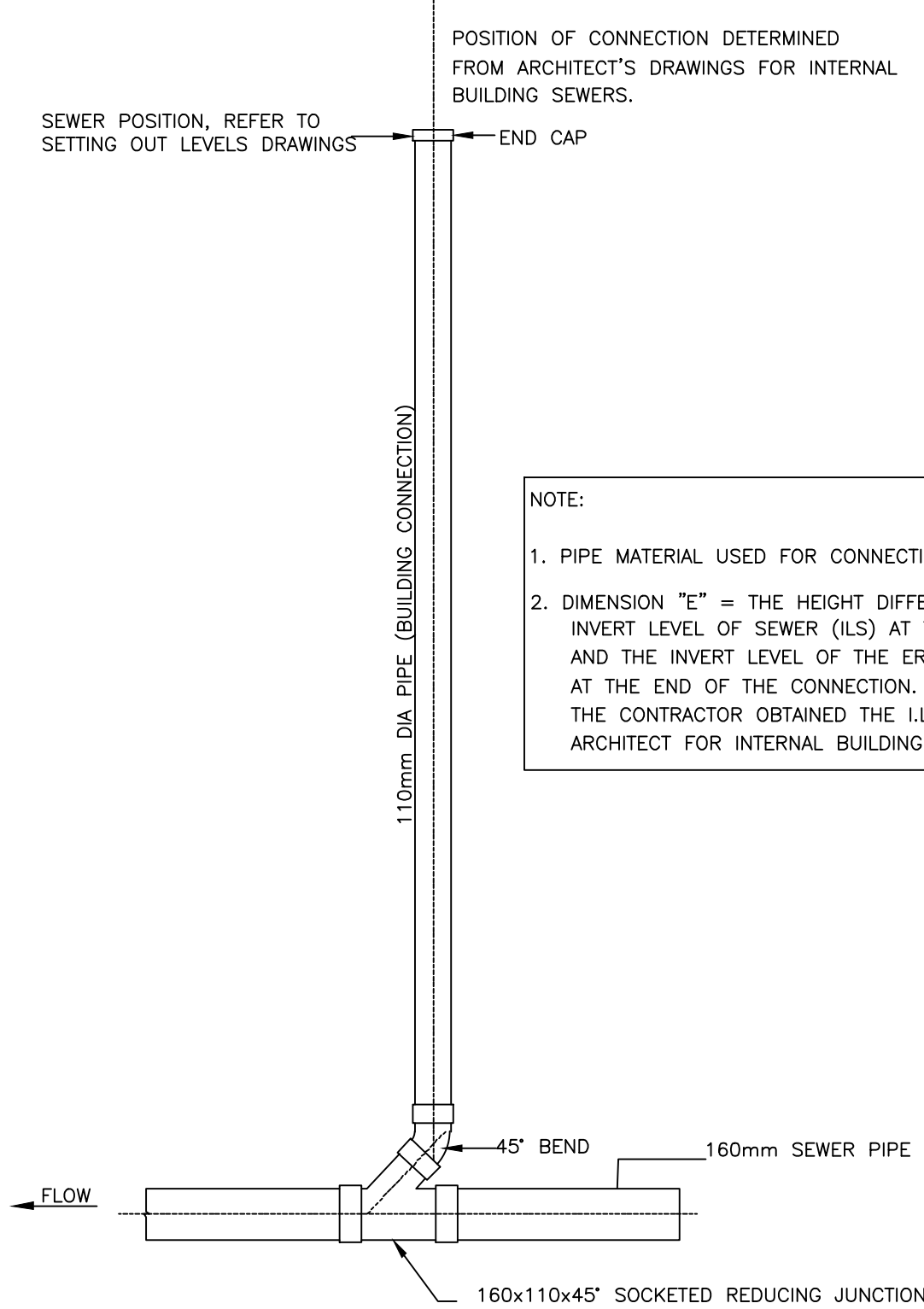
TRENCH EXCAVATION FOR DEPTH EXCEEDING 1.5m
SCALE 1:10



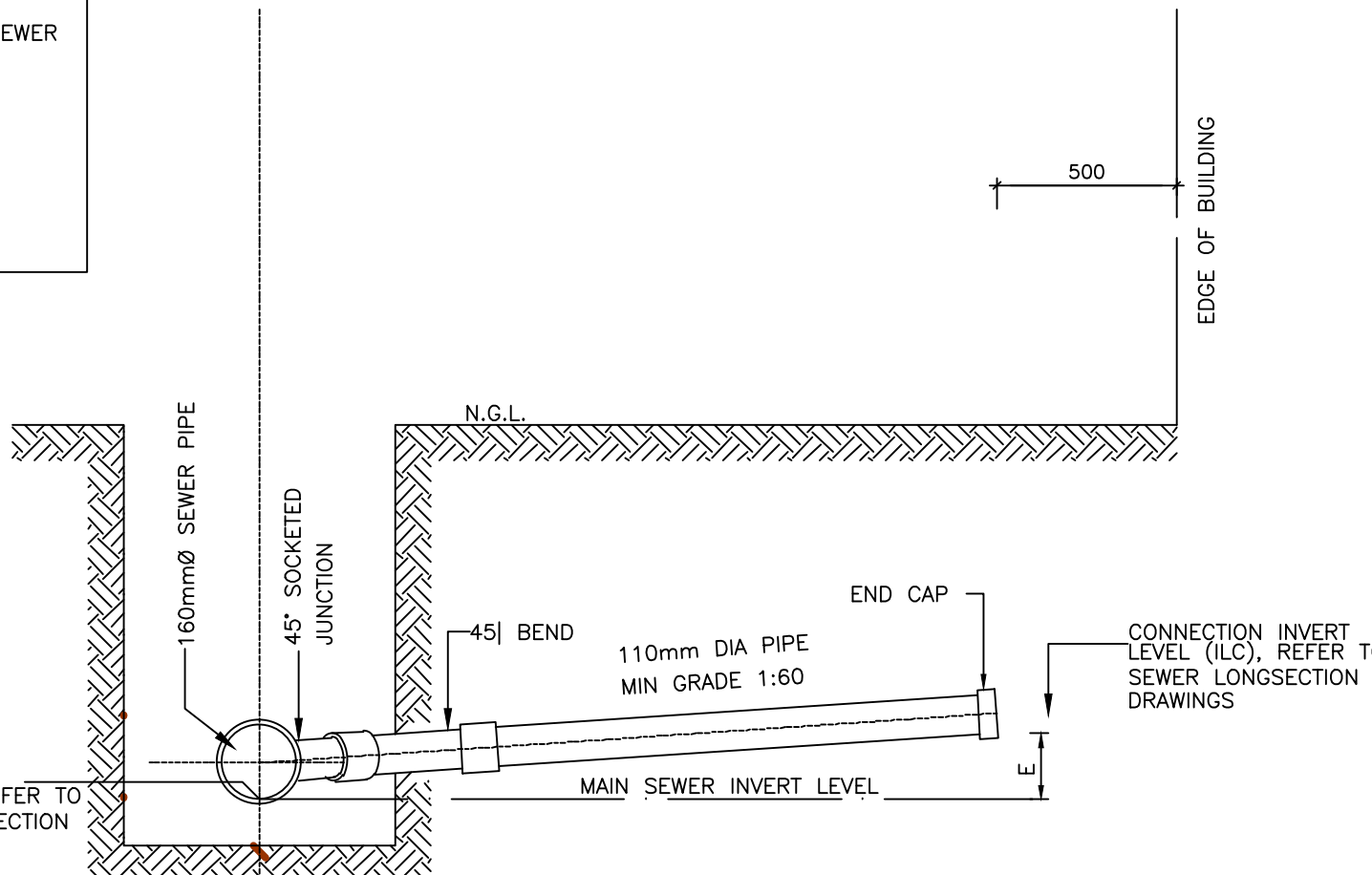
TYPICAL FLOOR DRAIN DETAIL
SCALE 1 : 20



PLAN
SCALE 1 : 10

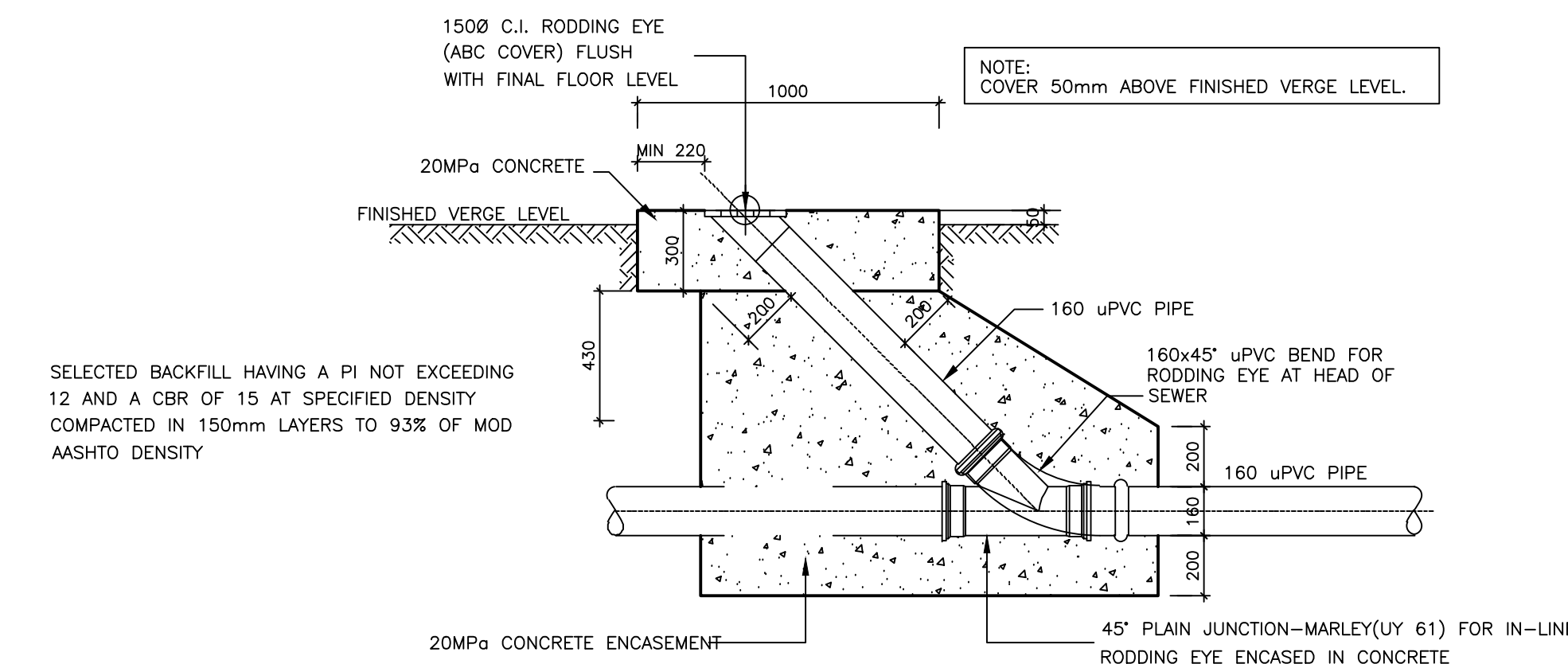


PLAN VIEW
SCALE 1:10

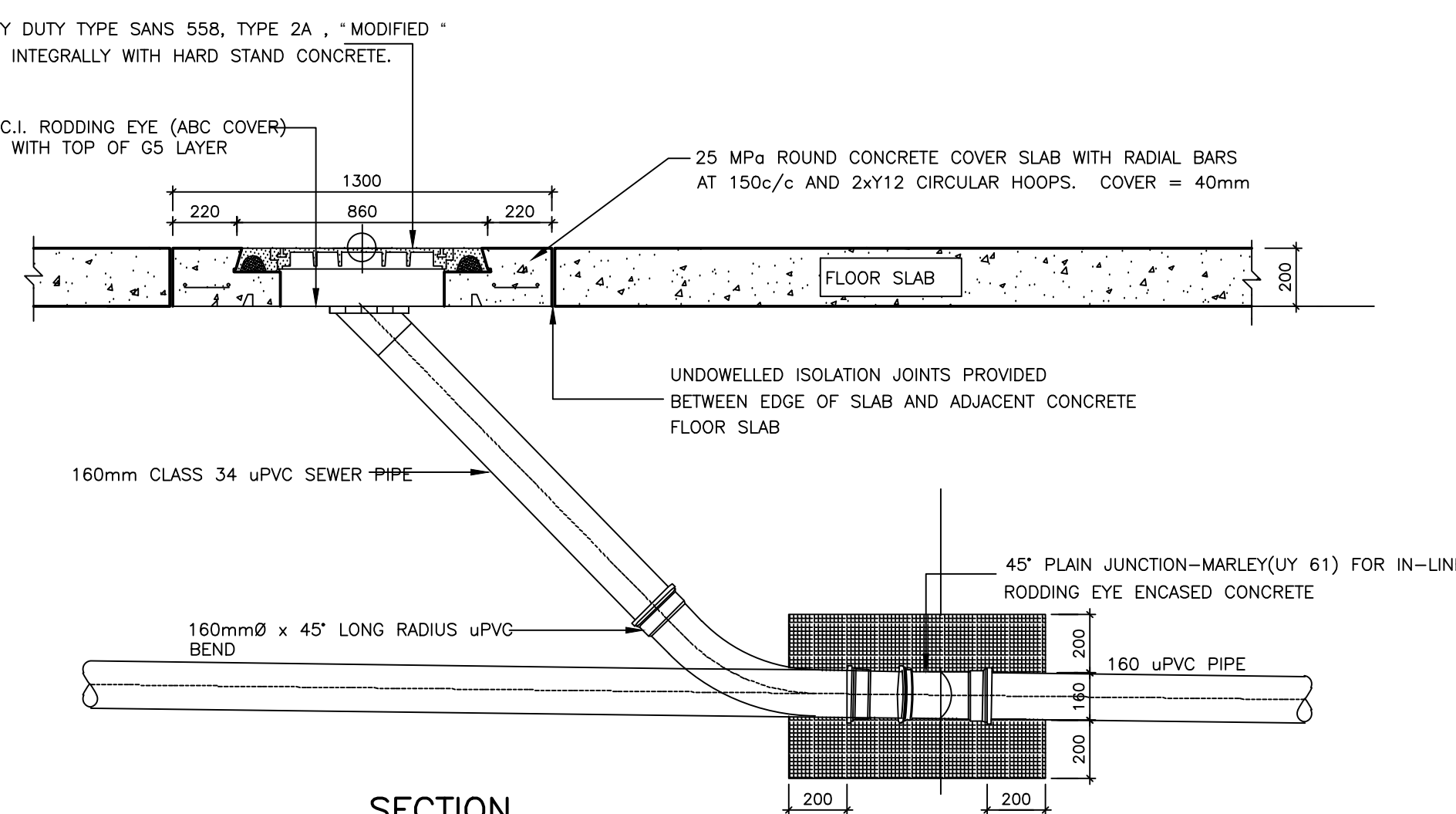


ELEVATION
SCALE 1:10

BUILDING CONNECTION DETAILS



TYPICAL SECTION THROUGH RODDING EYE ON 160mm SEWER MAIN (ELSEWHERE)
SCALE 1 : 10



SECTION
TYPICAL RODDING EYE ON 160mm SEWER MAIN UNDER HARDSTAND
SCALE 1 : 10

- NOTES:
- "CALCAMEIT" 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.
 - ALL SEWER MANHOLES DONE BY A REGISTERED PLUMBER IN ACCORDANCE WITH THE CODE
 - ALL SEWER MANHOLES TESTED FOR WATER TIGHTNESS AND RECORDED FOR AS BUILT INFORMATION

Job No	Discipline	Type	Drawing No.	Revision

Note:
Do not scale from this drawing. Check all given dimensions and site 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.

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Location Diagram

Rev.	Dim	Description	Date

FOR TENDER

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Tenant:

DAIMLER TRUCKS SOUTH AFRICA

Elf No:

Client:

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Project Name:

DAIMLER TRUCKS SOUTH AFRICA ZONE 1A

Drawing Title:

SEWER GENERAL DETAILS

Drawing Originator:
HSC CONSULTING

Checked By:	Checked Date:	Drawn By:	Drawn Date:
BG	13/05/2025	NB	13/05/2025
Approved By:	Approval Date:	ECSSA Number	
BG	13/05/2025	201270397	
Building Grid Reference	Scale	AS-SHOWN	

Job No	Discipline	Type	Drawing No.	Revision
P2434	CIVIL	APPROVAL	CD02	0