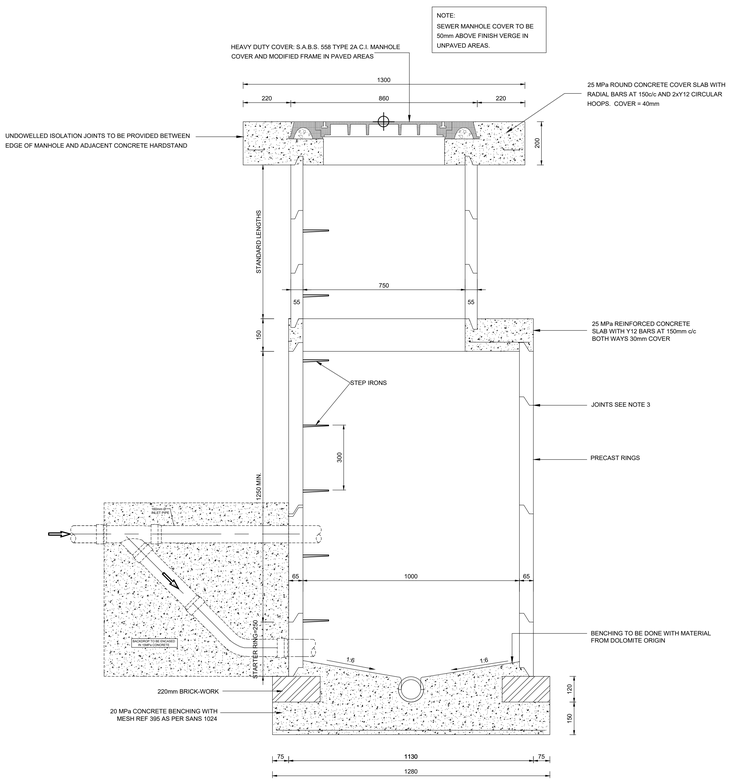
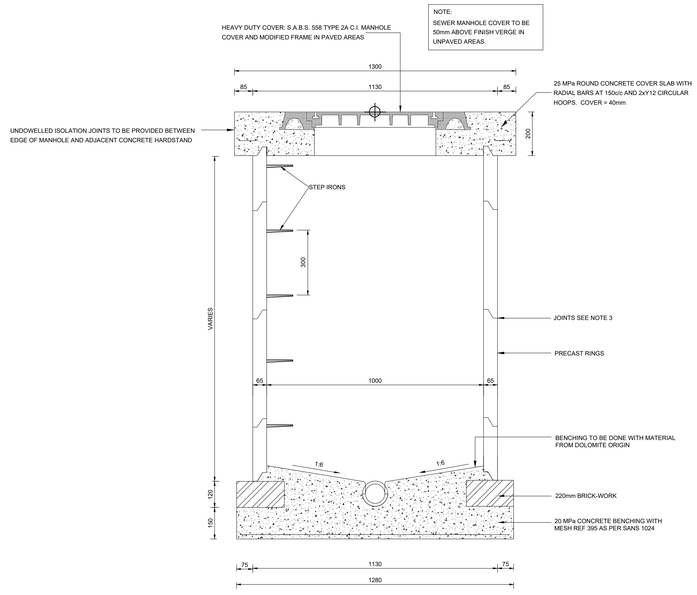


PRECAST SEWER MANHOLE > 1500mm IN DEPTH

SCALE 1 : 20



PRECAST SEWER MANHOLE < 1500mm IN DEPTH

SCALE 1 : 20

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.

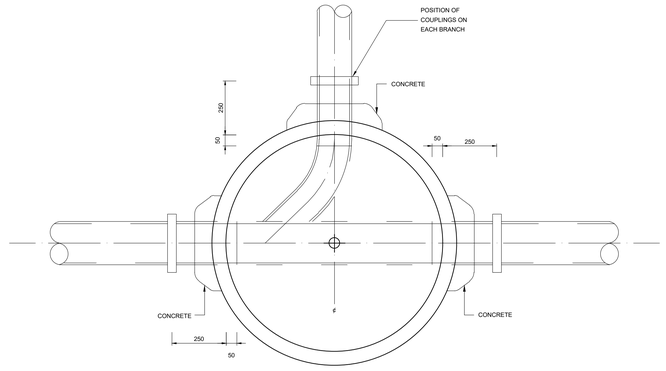
3. BITU-JOINT OR SIMILAR BITUMEN COMPOUND TO BE USED AS A JOINT SEALANT BETWEEN MANHOLE RINGS.

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.

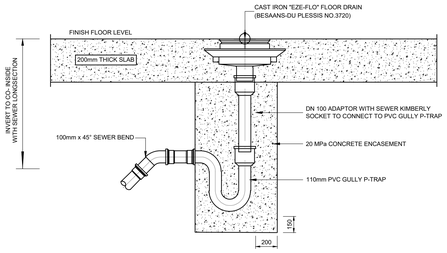
6. ALL SEWER MANHOLES TO BE DONE BY A REGISTERED PLUMBER IN ACCORDANCE WITH THE CODE

7. ALL SEWER MANHOLES TO BE TESTED FOR WATER TIGHTNESS AND RECORDED FOR AS BUILT INFORMATION



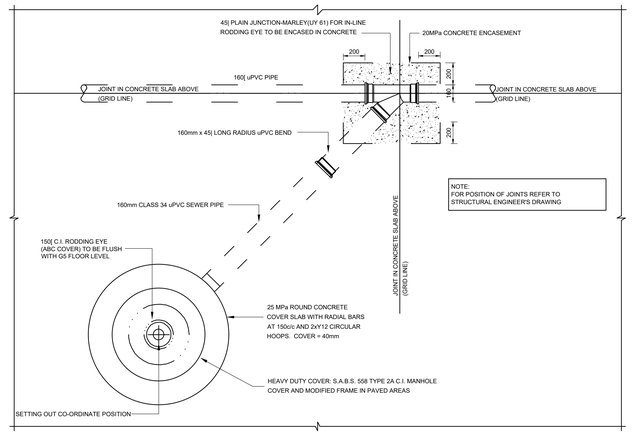
TYPICAL PLAN OF SEWER MANHOLE

SCALE 1 : 20



TYPICAL FLOOR DRAIN DETAIL

SCALE 1 : 20

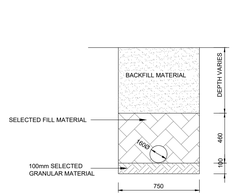


PLAN

SCALE 1 : 20

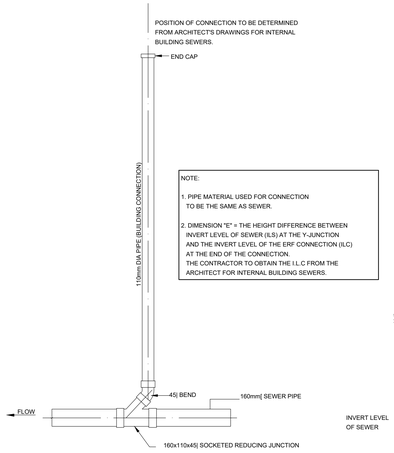
TRENCH EXCAVATION FOR DEPTH EXCEEDING 1.5m

SCALE 1:20



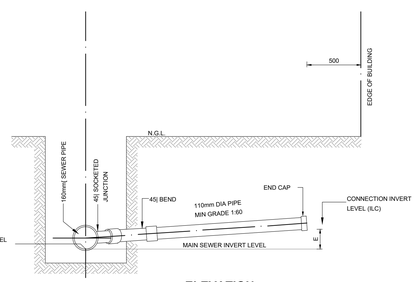
TRENCH EXCAVATION FOR DEPTH UP TO 1.5m

SCALE 1:20



PLAN VIEW

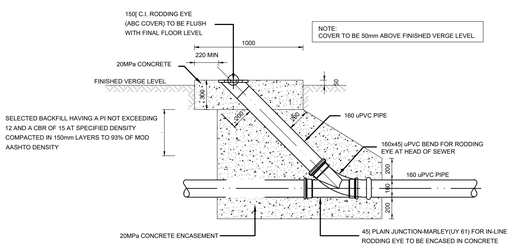
SCALE 1:20



ELEVATION

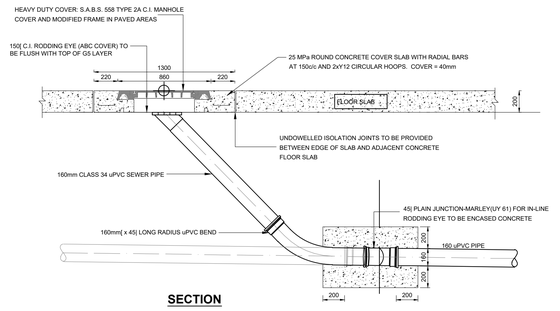
SCALE 1:20

BUILDING CONNECTION DETAILS



TYPICAL SECTION THROUGH RODDING EYE ON 160mm SEWER MAIN (ELSEWHERE)

SCALE 1 : 20



SECTION

TYPICAL RODDING EYE ON 160mm SEWER MAIN UNDER BUILDINGS

SCALE 1 : 20

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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
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5. ALL SPECIFICATIONS WITH REGARD TO FIRE REGULATIONS, TO BE REFERRED TO CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS.
6. ALL DESIGN AND CONSTRUCTION TO COMPLY WITH THE RELEVANT SANS & LOCAL CODES
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 FIGURED DIMENSIONS TO BE FOLLOWED - SCALED DIMENSIONS OF DRAWINGS WILL NOT BE PERMITTED

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PROPOSED DATA CENTRE ON ERF 60917

Drawing Title
SEWER GENERAL DETAILS

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01.05.2019		
Scale: AS SHOWN	Checked	Checker

Approved

Name: Approver Reg No: Pr/Arch5559

Signature: Date:

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Workstage
FOR INFORMATION

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