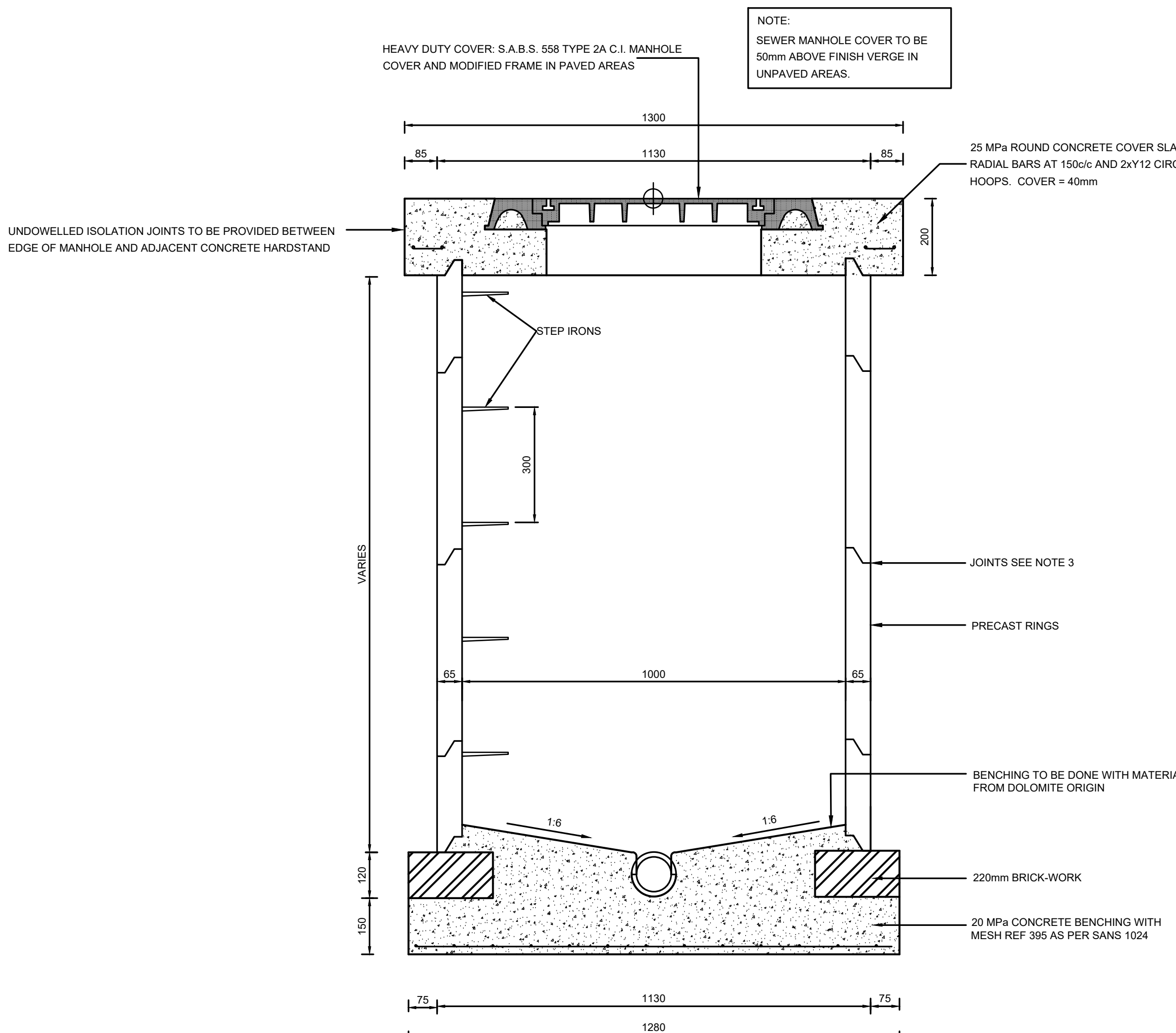
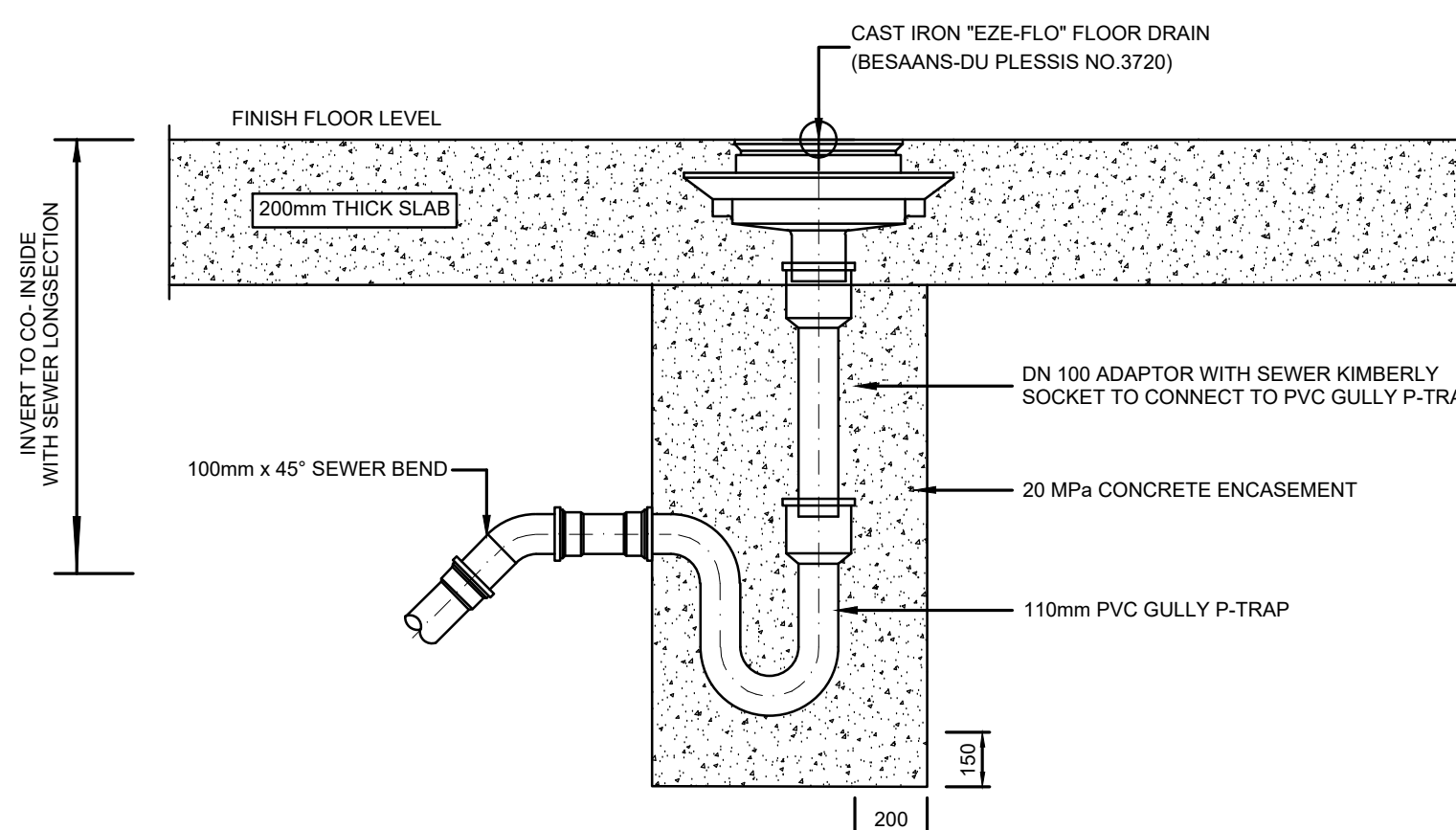


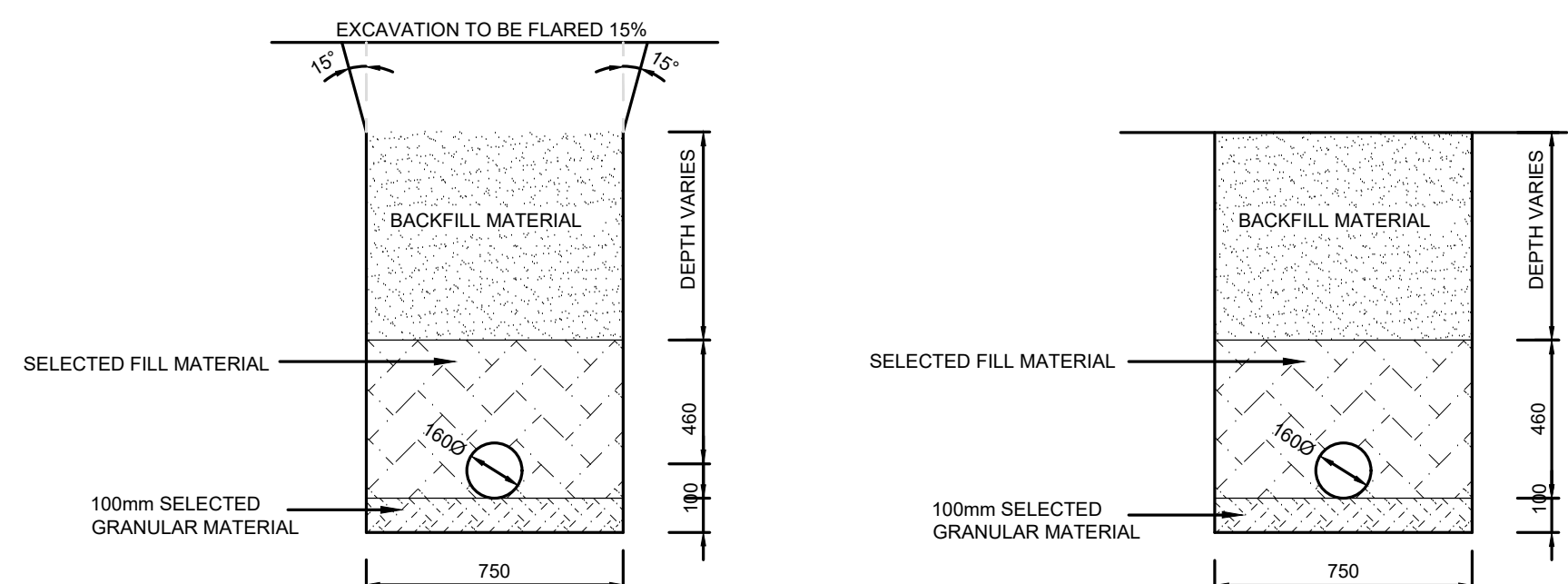
PRECAST SEWER MANHOLE > 1500mm IN DEPTH
SCALE 1 : 20



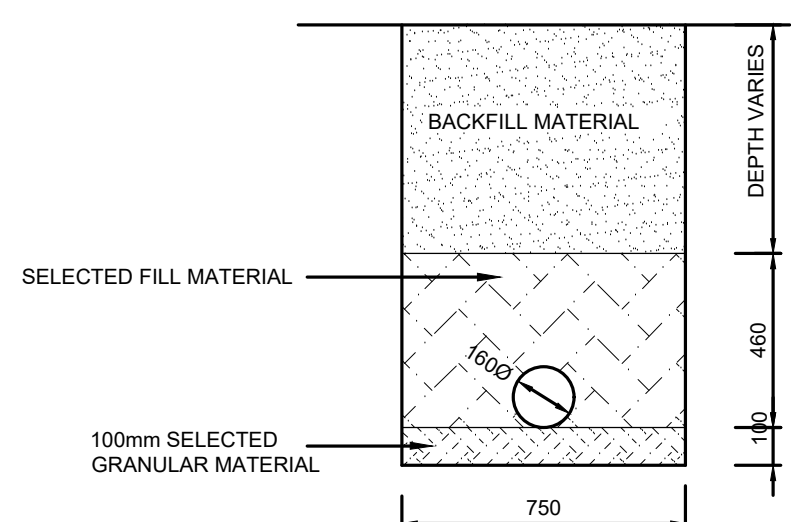
PRECAST SEWER MANHOLE < 1500mm IN DEPTH
SCALE 1 : 20



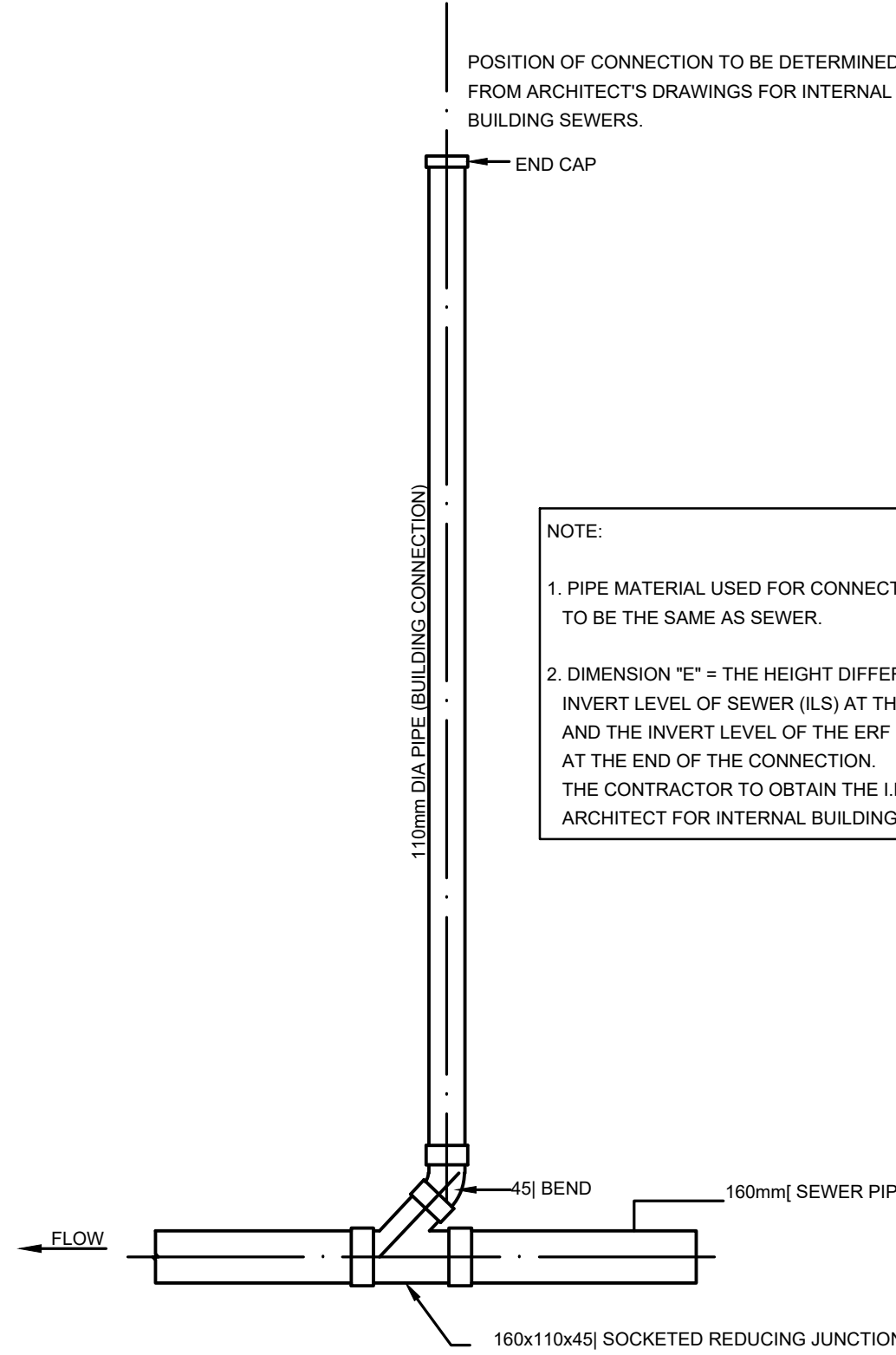
TYPICAL FLOOR DRAIN DETAIL
SCALE 1 : 20



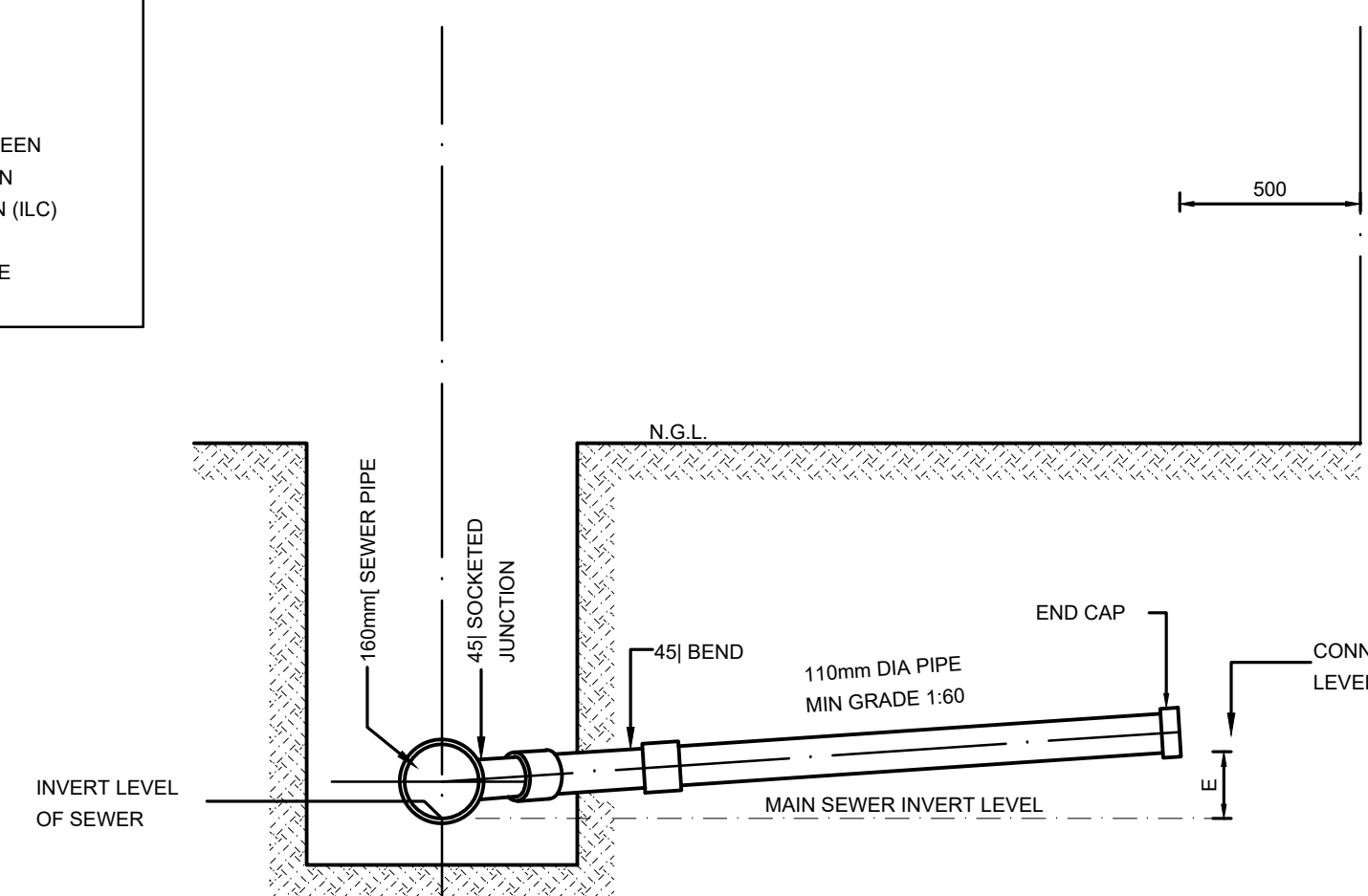
TRENCH EXCAVATION FOR DEPTH EXCEEDING 1.5m
SCALE 1:20



TRENCH EXCAVATION FOR DEPTH UP TO 1.5m
SCALE 1:20

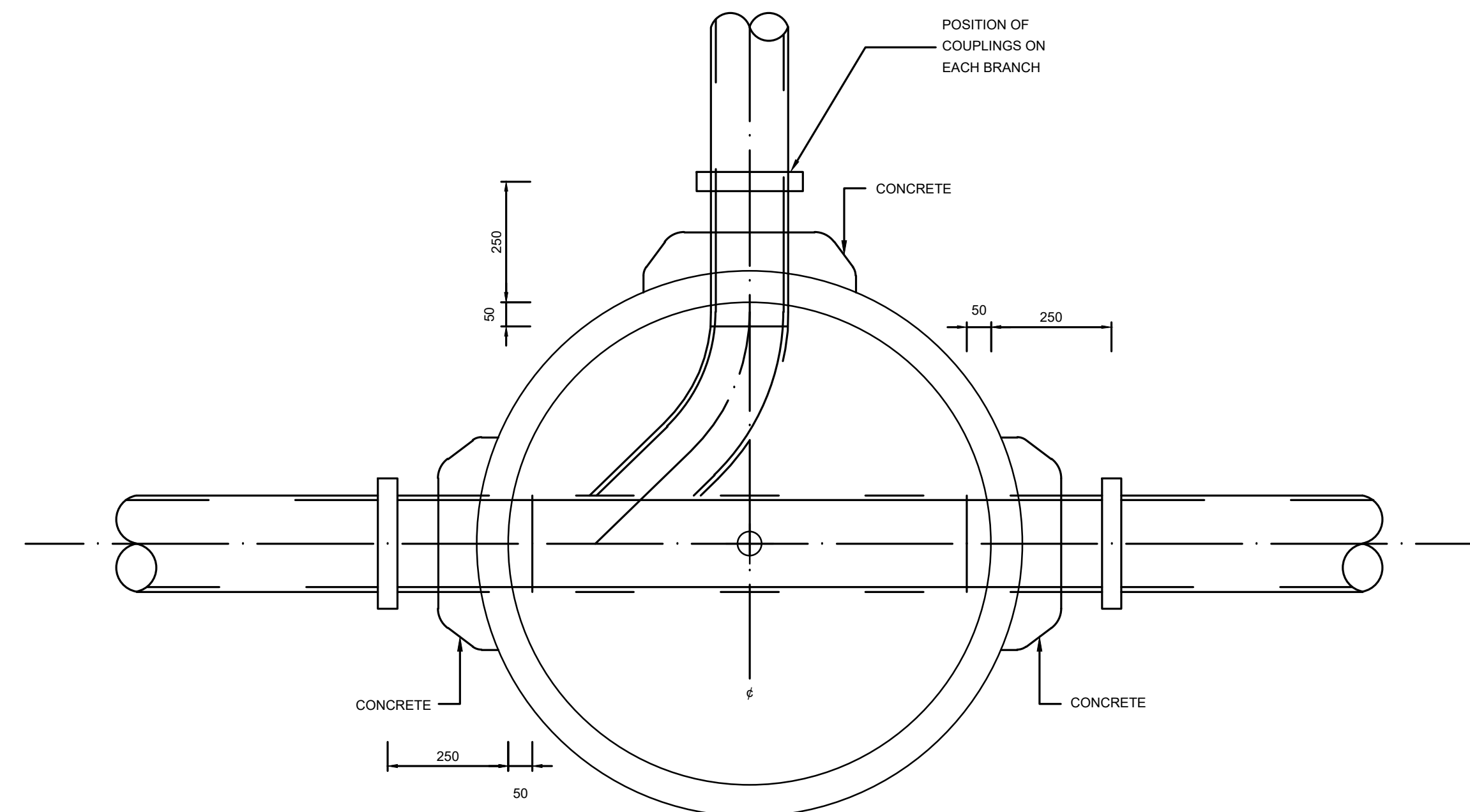


PLAN VIEW
SCALE 1:20

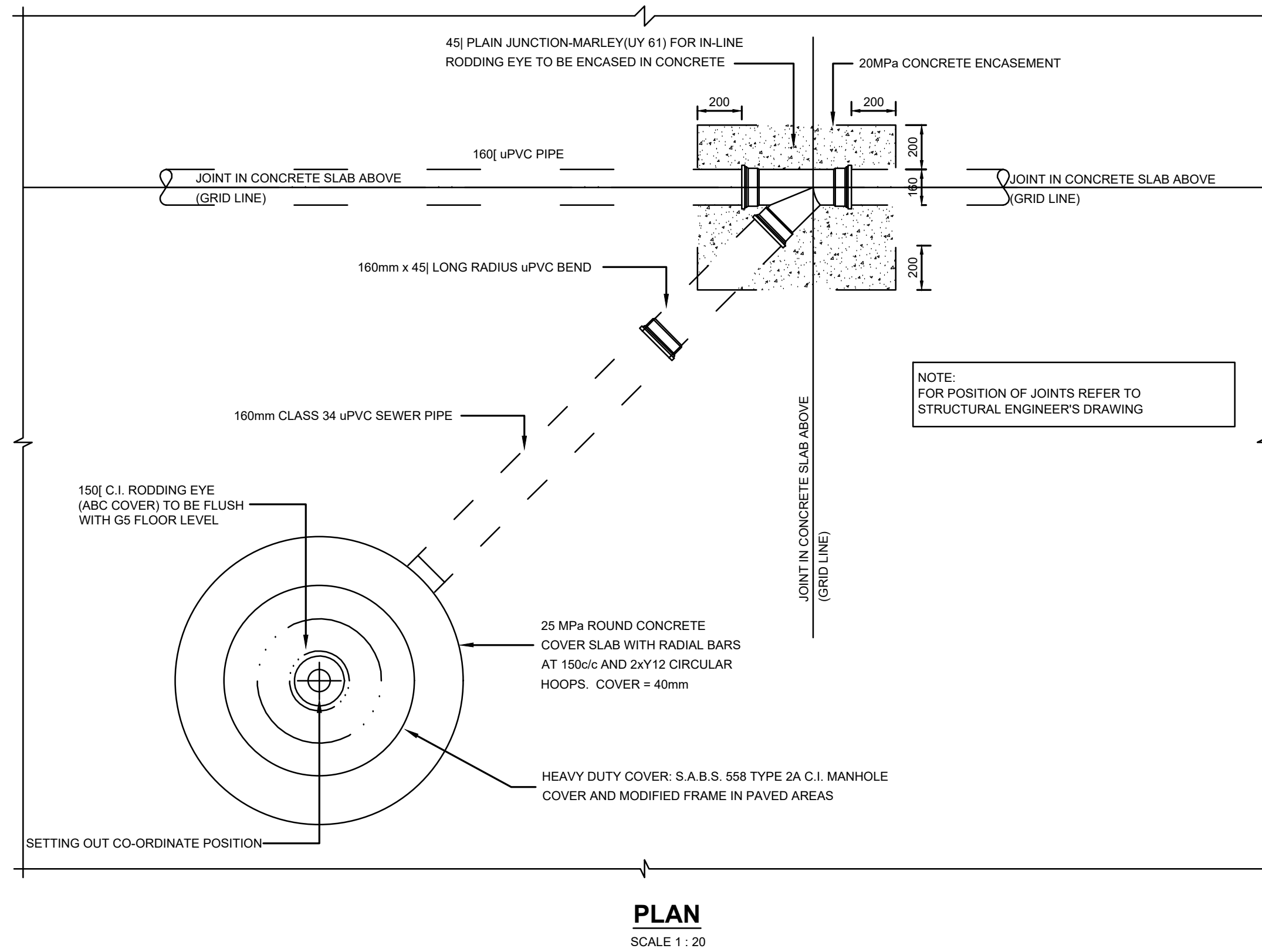


ELEVATION
SCALE 1:20

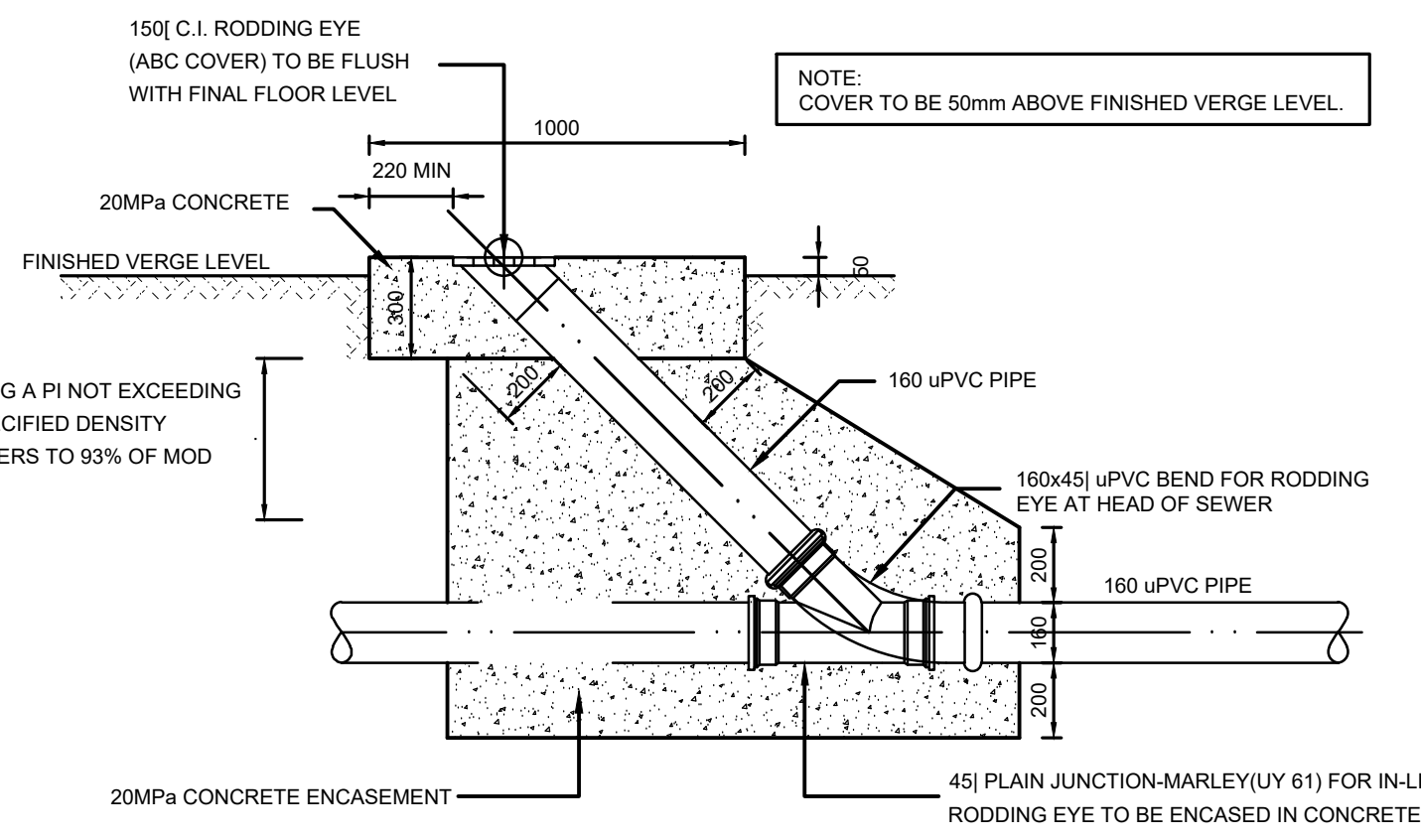
BUILDING CONNECTION DETAILS



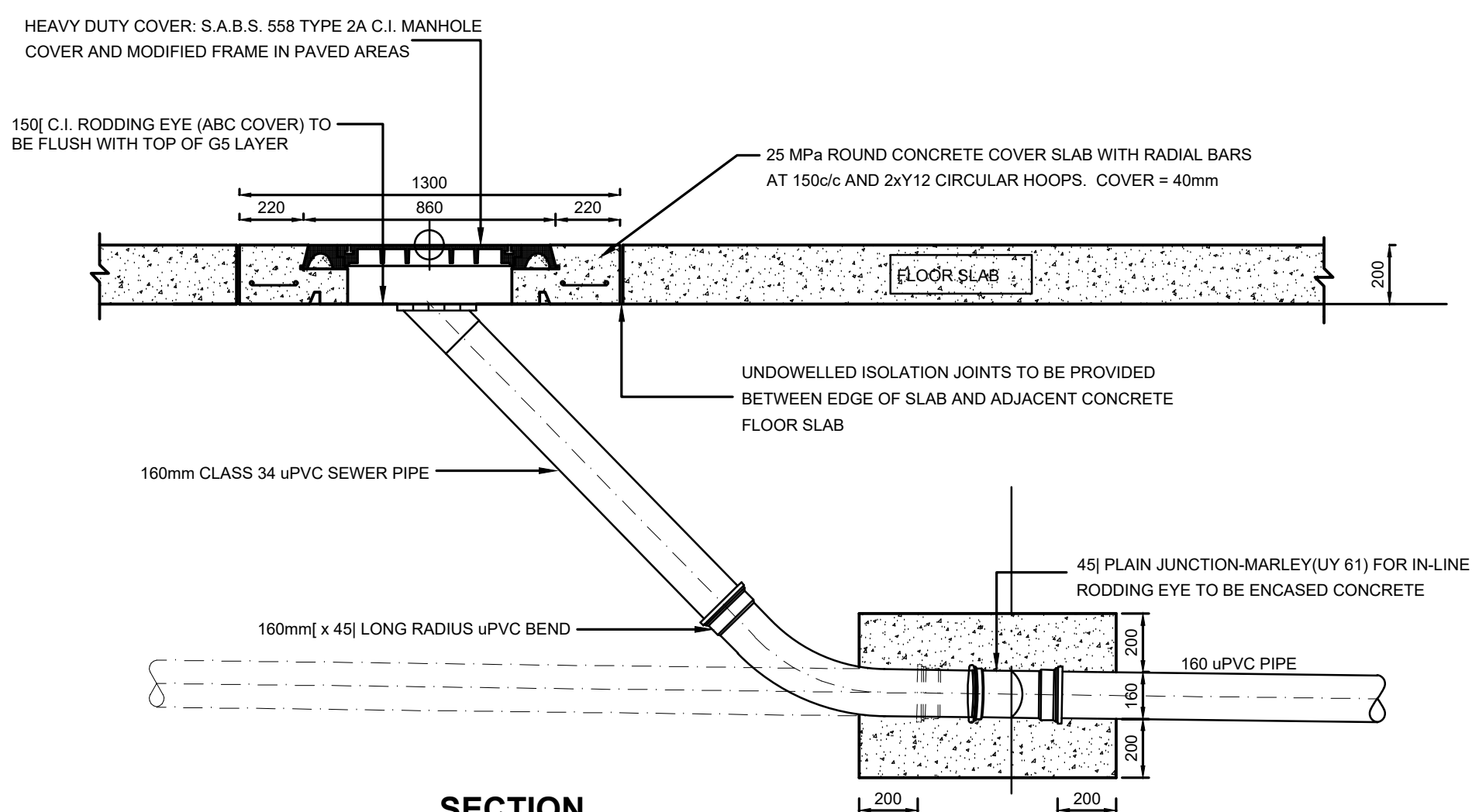
TYPICAL PLAN OF SEWER MANHOLE
SCALE 1 : 20



PLAN
SCALE 1 : 20



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



TYPICAL RODDING EYE ON 160mm SEWER MAIN UNDER BUILDINGS
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

OSMOND LANGE ARCHITECTS (Pty) Ltd

OSMOND LANGE ARCHITECTS (Pty) Ltd

Postal: P O Box 19175, Tecoma, 5214

Address: Plot Mill House The Quarry Selborne, East London

Tel: (043) 721-0033

Fax: (043) 721-0038

Email: els@ol.co.za

The design and content of this drawing is the property of Osmond Lange Architects and the copyright thereof is reserved by them.

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, 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

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 STANDARDS

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

PROJECT TEAM

Project Managers :

newground

PROJECTS

Newground Projects 17 St Andrews Road, Selborne, East London 5201 043 722 5864

Louis Fourie

0825766828

Louis@newground.co.za

Principal Agent/ Architects :

OSMOND LANGE ARCHITECTS (Pty) Ltd

Osmond Lange Architects and Planners Plot Mill House, The Quarry, Selborne East London (043) 721-0033

William Martinsson

083 3259600

William@ol.co.za

Quantity Surveyors :

BISLWE VAN NIEKERK INC

Quantity Surveyors

Bislwe Van Niekerk The Ridge Office Park, 2nd Floor 3 Berea Terrace, Berea, East London 043 721 1043

Willem van Niekerk

0824221605

willm@bislwe.co.za

Civil & Structural Engineers :

bvvi

Engineering

BVI Border 1st Floor, Esprit House, St Helena Drive East London 5241 043 - 722 2738

Werner de Lange

082 578 0674

WernerL@bvi.co.za

Electrical & Mechanical Engineers :

evans

Engineering

Evans Consulting Engineers cc 17 Surrey Road, Vincent, East London 5247 043 7213192

Darryl Evans 083 7026399

darryl@evansconsulting.co.za

Town Planners :

CS CONSULTING

CS Consulting 12 Pearce Street, Hartway House Berea, East London 5241

Craig Sami

0763267147

Craig@csamconsulting.co.za

CLEINT

east london idz

business streamlined

PO Box 5458, Greenfields East London, 5208

Lower Chasler Road Sunnyridge, 5201

East London, South Africa

Tel +27(0)37020620

Fax +27(0)37366405

Email: info@elidz.co.za

CLIENT APPROVAL :

Gary Whittaker

Project Manager

Tel 043 7026247

Cell: 082 34632399

E-mail: gary@elidz.co.za

DATE :

TENANT

NAME :

TENANT APPROVAL :

DESIGNATION:

DATE :

Project

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

33722- GE1 -DET-1

Revision

2019/05/06 12:02:01 PM