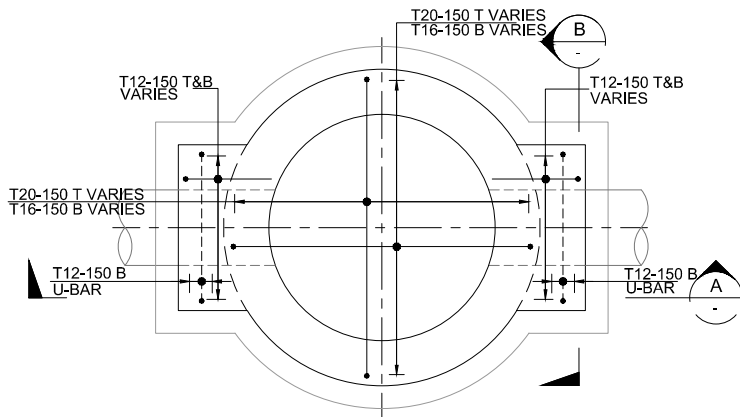
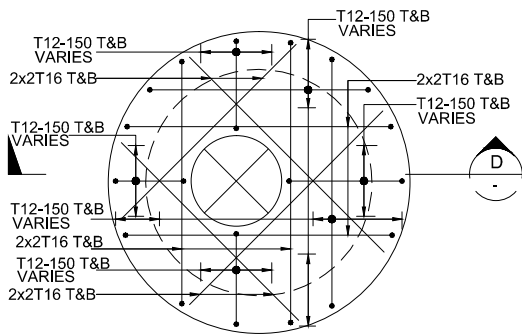


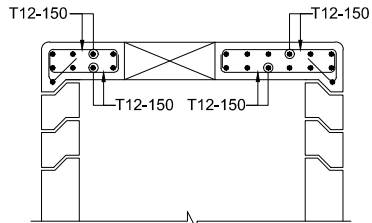
PRECAST WALL SEGMENT CONNECTION SHOWN ARE INDICATIVE AND SHALL BE CONFIRMED AS PER SUPPLIER'S REQUIREMENTS SUBJECT TO ENGINEER'S APPROVAL.



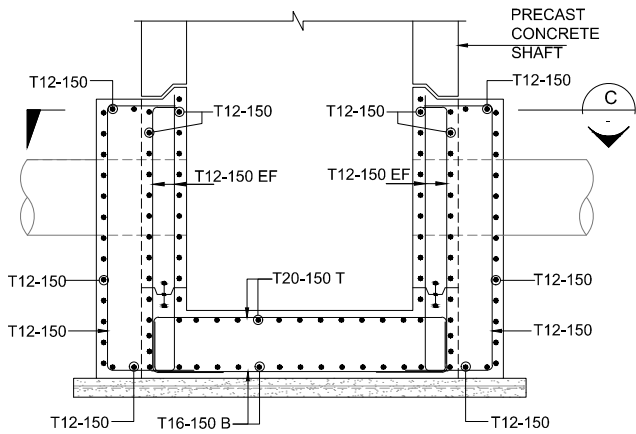
BASE SLAB PLAN
1 : 25



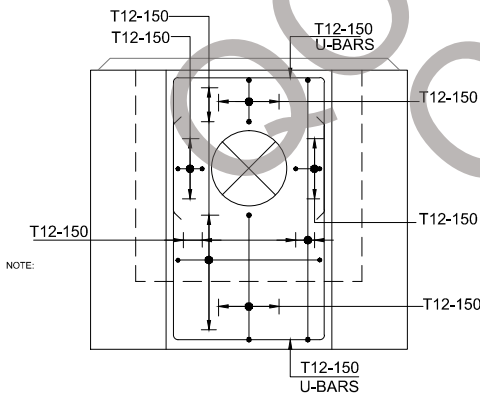
ROOF SLAB PLAN
1 : 25



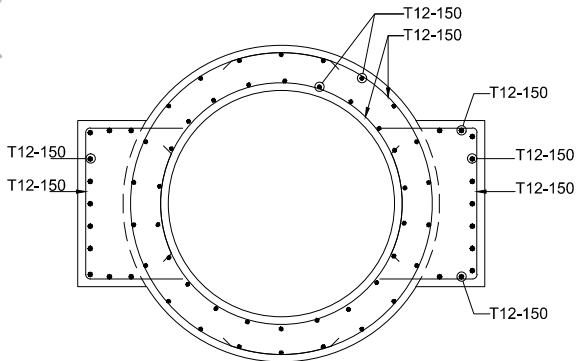
SECTION D
1 : 25



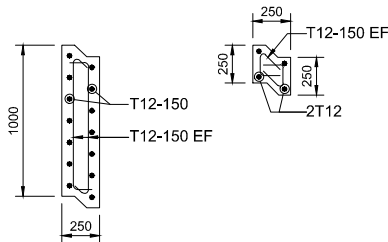
SECTION A
1 : 25



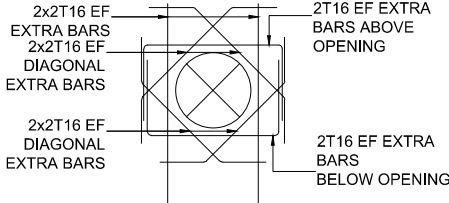
SECTION B
1 : 25



SECTION C
1 : 25



REINFORCEMENT DETAIL FOR
PRECAST CONCRETE SHAFT
1 : 25



TYPICAL WALL PIPE OPENING
TRIMMER BARS DETAIL
1 : 25

- NOTES:**
- THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 - MINIMUM CONCRETE COVER TO REINFORCEMENT TO BE AS FOLLOWS :
BASE SLAB AND WALL (EXTERNAL) = 75mm
BASE SLAB AND WALL (INTERNAL) = 50mm
ROOF SLAB = 50mm
 - ALL REINFORCEMENT SHALL CONFORM TO ASTM A615.
 - ALL LAPS SHALL BE IN ACCORDANCE WITH ACI 318.
 - REINFORCEMENT TO BE DISPLACED ON SITE TO AVOID SMALL DIAMETER PIPEWORK.
 - THE MANHOLES ARE DESIGNED USING FULL GROUND WATER LEVEL CONDITION WITH 1.1 FACTOR OF SAFETY FOR FLOATATION.
 - FOUNDATION DESIGN IS BASED ON ALLOWABLE BEARING PRESSURE OF 200 kN/m² AND SOIL SUBGRADE MODULUS OF
 - DEWATERING OPERATIONS SHALL BE PROVIDED DURING CONSTRUCTION AND MAY ONLY BE TERMINATED AFTER ROOF SLAB HAS BEEN CASTED.
 - ALL BELOW GROUND CONCRETE TO BE TANKED REFER . TO STANDARD DRAWING No. 801.
 - ALL REINFORCEMENT TO BE EPOXY COATED.

LEGEND:

----- BOTTOM / FAR FACE BAR

REINFORCEMENT

TOTAL No. OF BARS 12 T16 24-150 EF
TYPE OF STEEL BAR LOCATION/S*
BAR DIAMETER CENTRES OF BARS
BAR MARK BAR MARK

*** BAR LOCATIONS**

T TOP FF FAR FACE
B BOTTOM EF EACH FACE
NF NEAR FACE EW EACH WAY

REFERENCE DRAWINGS AND DOCUMENTS

201 - STANDARD DRAWING G.A. OF STORM WATER MANHOLE ON PIPELINES 300mm TO 500mm DIA.

REVISIONS

| No. | REVISIONS | APP'D | DATE |
|-----|-----------|-------|------|
|-----|-----------|-------|------|

TITLE

STANDARD DRAWINGS
STORM WATER WORKS

DRAWING TITLE

STANDARD REINFORCEMENT DETAILS
FOR STORM WATER MANHOLE ON
PIPELINES 300 - 500mm DIA.

| | | | |
|-------------|---|----------|------|
| DRAWN | - | SCALE | 1:25 |
| CHECKED | - | DATE | - |
| APPROVED | - | SIZE | A1 |
| PROJECT No. | - | DWG. No. | 1010 |