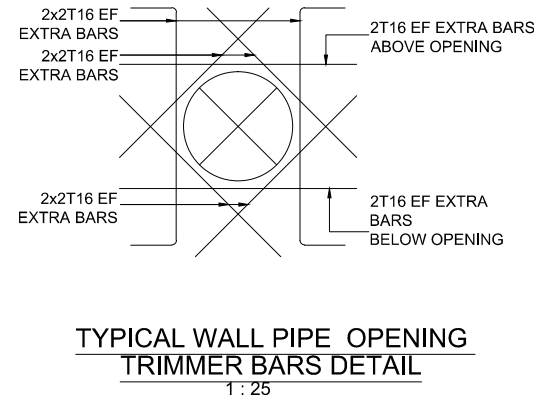
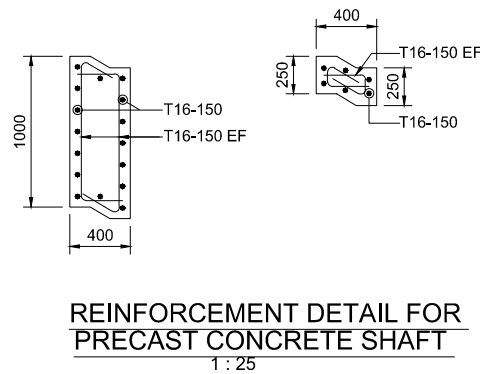
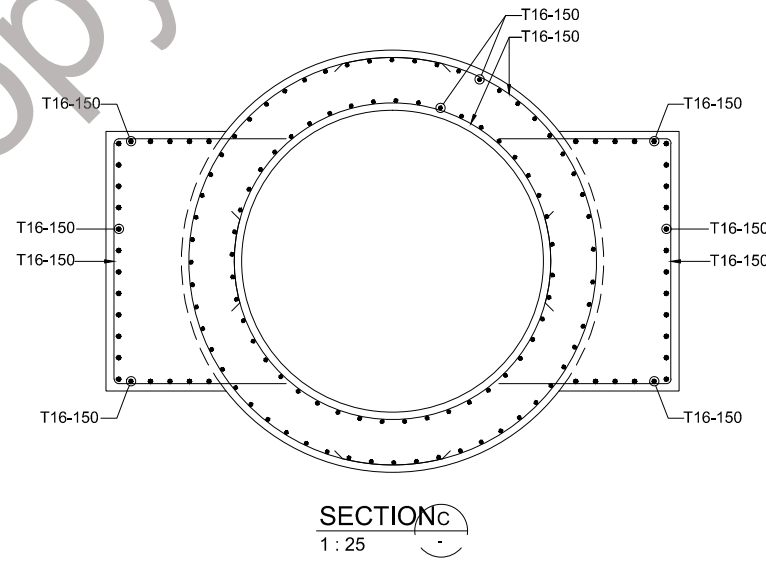
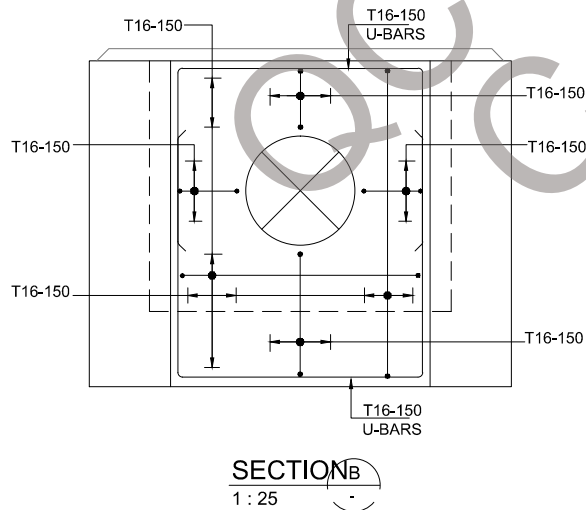
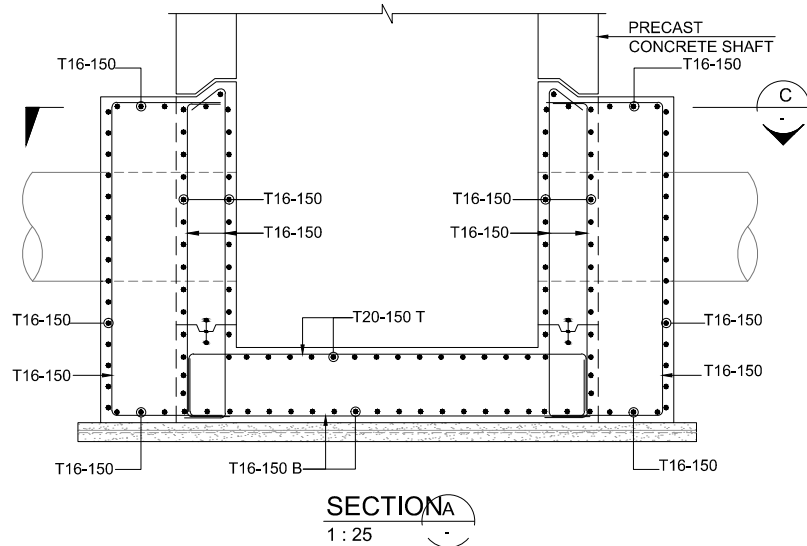


NOTE:
PRECAST WALL SEGMENT CONNECTION SHOWN ARE INDICATIVE AND SHALL BE CONFIRMED AS PER SUPPLIER'S REQUIREMENTS SUBJECT TO ENGINEER'S APPROVAL.



- 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 100 kN/m² AND SOIL SUBGRADE MODULUS OF 8000 kN/m².
 - 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
TYPE OF STEEL
BAR DIAMETER

12 T16 24-150 EF
BAR LOCATION/S*
CENTRES OF BARS
BAR MARK

*** BAR LOCATIONS**

T TOP
B BOTTOM
NF NEAR FACE

FF FAR FACE
EF EACH FACE
EW EACH WAY

REFERENCE DRAWINGS AND DOCUMENTS

202 - STANDARD DRAWING G.A. OF SHALLOW STORM WATER MANHOLE ON PIPELINES 600mm TO 1400mm DIA.

REVISIONS

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

TITLE
STANDARD DRAWINGS
STORM WATER WORKS

DRAWING TITLE
STANDARD REINFORCEMENT
DETAILS FOR SHALLOW STORM
WATER MANHOLE ON PIPELINES
600 - 1400mm DIA.

| | | | |
|-------------|---|----------|------|
| DRAWN | - | SCALE | 1:25 |
| CHECKED | - | DATE | - |
| APPROVED | - | SIZE | A1 |
| PROJECT No. | - | DWG. No. | 1011 |