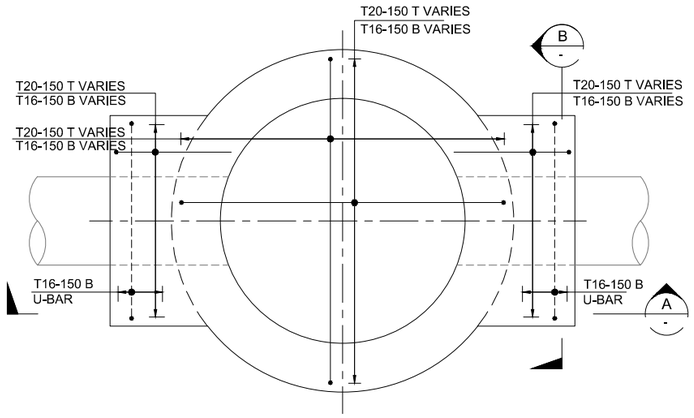
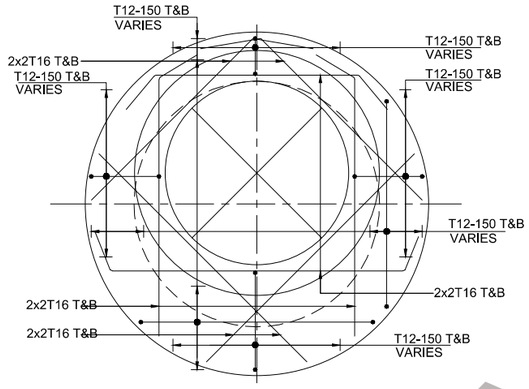
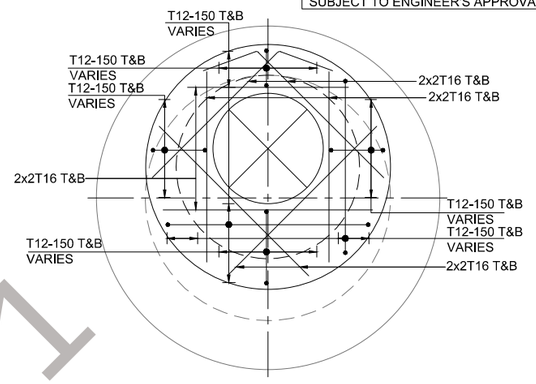


BASE SLAB PLAN
1 : 25

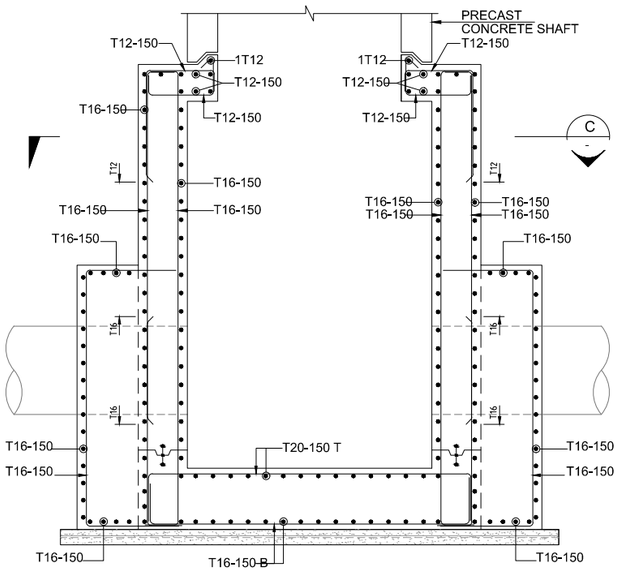


REDUCER SLAB PLAN
1 : 25

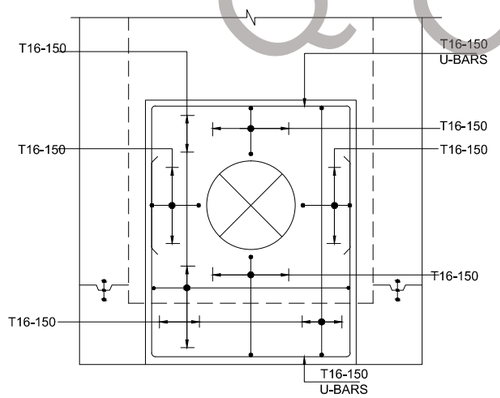
NOTE:
PRECAST WALL SEGMENT CONNECTION SHOWN ARE INDICATIVE AND SHALL BE CONFIRMED AS PER SUPPLIER'S REQUIREMENTS SUBJECT TO ENGINEER'S APPROVAL.



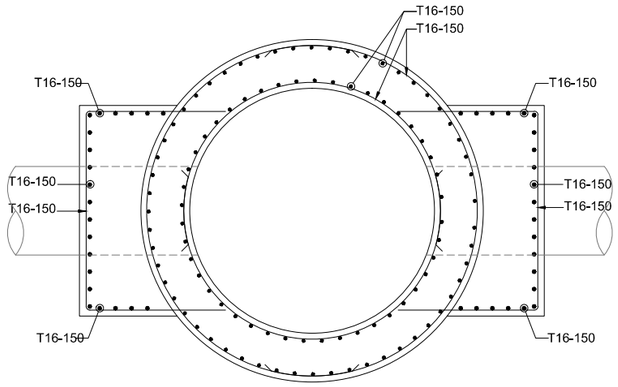
ROOF SLAB PLAN
1 : 25



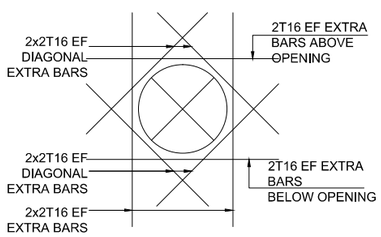
SECTION A
1 : 25



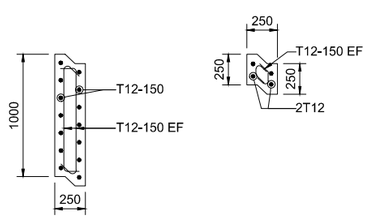
SECTION B
1 : 25



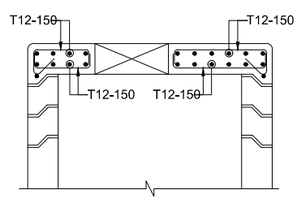
SECTION C
1 : 25



TYPICAL WALL PIPE OPENING
TRIMMER BARS DETAIL
1 : 25



REINFORCEMENT DETAIL FOR
PRECAST CONCRETE SHAFT
1 : 25



COVER SLAB SECTION
1 : 25

NOTES:

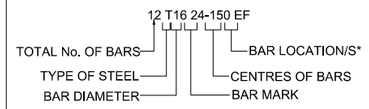
THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. MINIMUM CONCRETE COVER TO REINFORCEMENT TO BE AS FOLLOWS :
   - BASE SLAB AND WALL (EXTERNAL) = 75mm
   - BASE SLAB AND WALL (INTERNAL) = 50mm
   - ROOF SLAB = 50mm
3. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615.
4. ALL LAPS SHALL BE IN ACCORDANCE WITH ACI 318.
5. REINFORCEMENT TO BE DISPLACED ON SITE TO AVOID SMALL DIAMETER PIPEWORK.
6. THE MANHOLES ARE DESIGNED USING FULL GROUND WATER LEVEL CONDITION WITH 1.1 FACTOR OF SAFETY FOR FLOATATION.
7. FOUNDATION DESIGN IS BASED ON ALLOWABLE BEARING PRESSURE OF 100 kN/m² AND SOIL SUBGRADE MODULUS OF 8000 kN/m³.
8. DEWATERING OPERATIONS SHALL BE PROVIDED DURING CONSTRUCTION AND MAY ONLY BE TERMINATED AFTER ROOF SLAB HAS BEEN CASTED.
9. ALL BELOW GROUND CONCRETE TO BE TANKED REFER . TO STANDARD DRAWING No. 801.
10. ALL REINFORCEMENT TO BE EPOXY COATED.

LEGEND:

– – – – – – – – BOTTOM / FAR FACE BAR

REINFORCEMENT



* BAR LOCATIONS

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

REFERENCE DRAWINGS AND DOCUMENTS

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

No.	REVISIONS	APP'D	DATE

CLIENT

TITLE
STANDARD DRAWINGS
STORM WATER WORKS

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

DRAWN	-	SCALE	1:25
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	1012