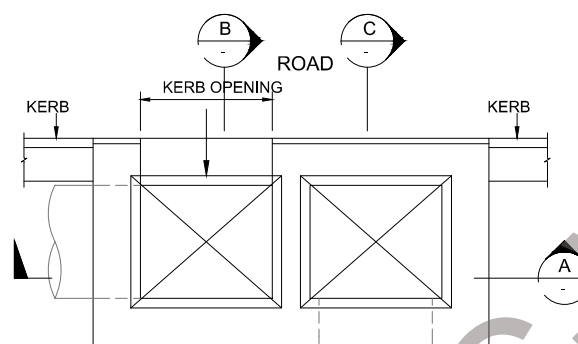
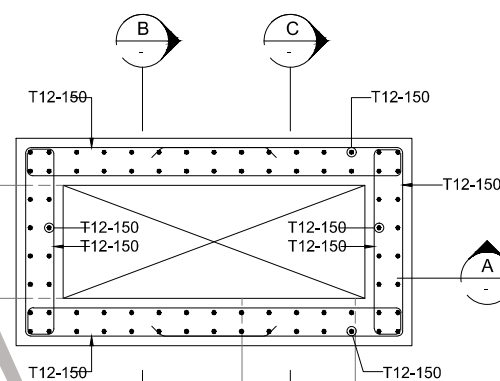


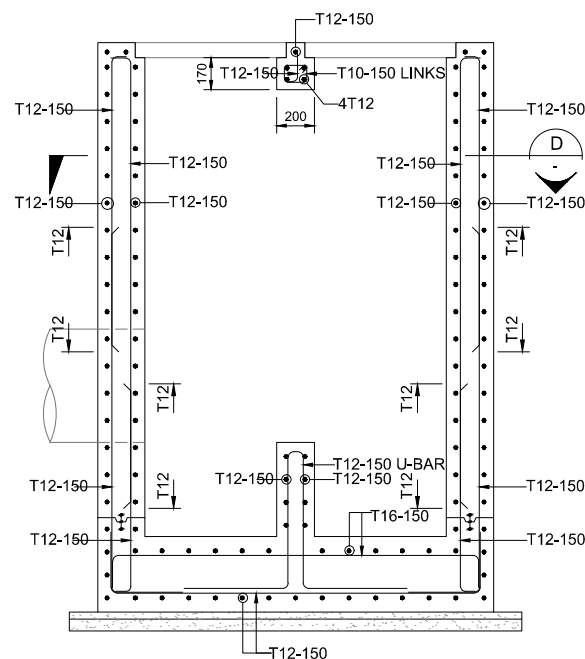
BASE SLAB PLAN
1:20



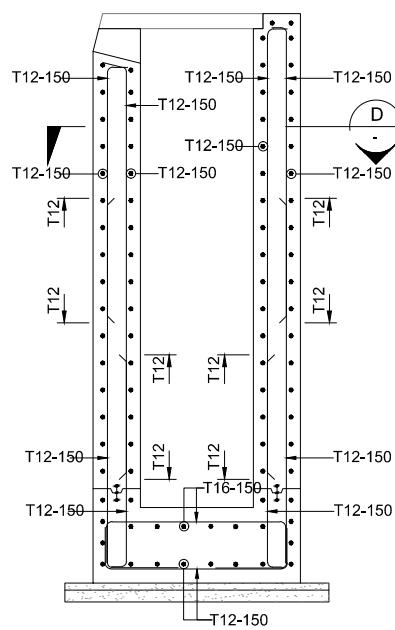
ROOF SLAB PLAN
1:20



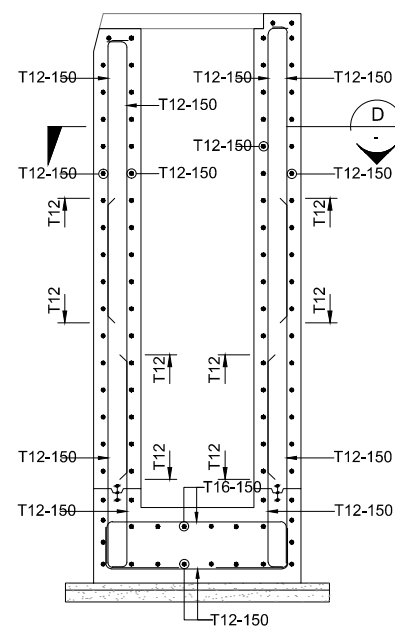
SECTION D
1:20



SECTION A
1:20



SECTION B
1:20



SECTION C
1:20

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/m².
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

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

* BAR LOCATIONS

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

REFERENCE DRAWINGS AND DOCUMENTS

211- STANDARD DRAWING G.A. OF STORM WATER CATCH BASIN DETAILS

No.	REVISIONS	APP'D	DATE
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CLIENT

TITLE
STANDARD DRAWINGS
STORM WATER WORKS

DRAWING TITLE
STANDARD REINFORCEMENT
DETAILS FOR STORM WATER
CATCH BASIN

DRAWN	-	SCALE	1:20
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	1017