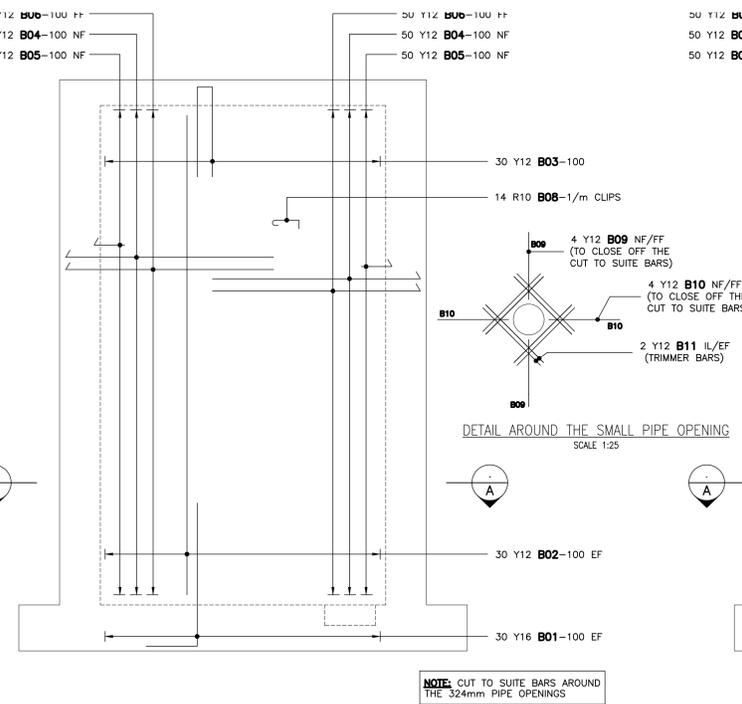
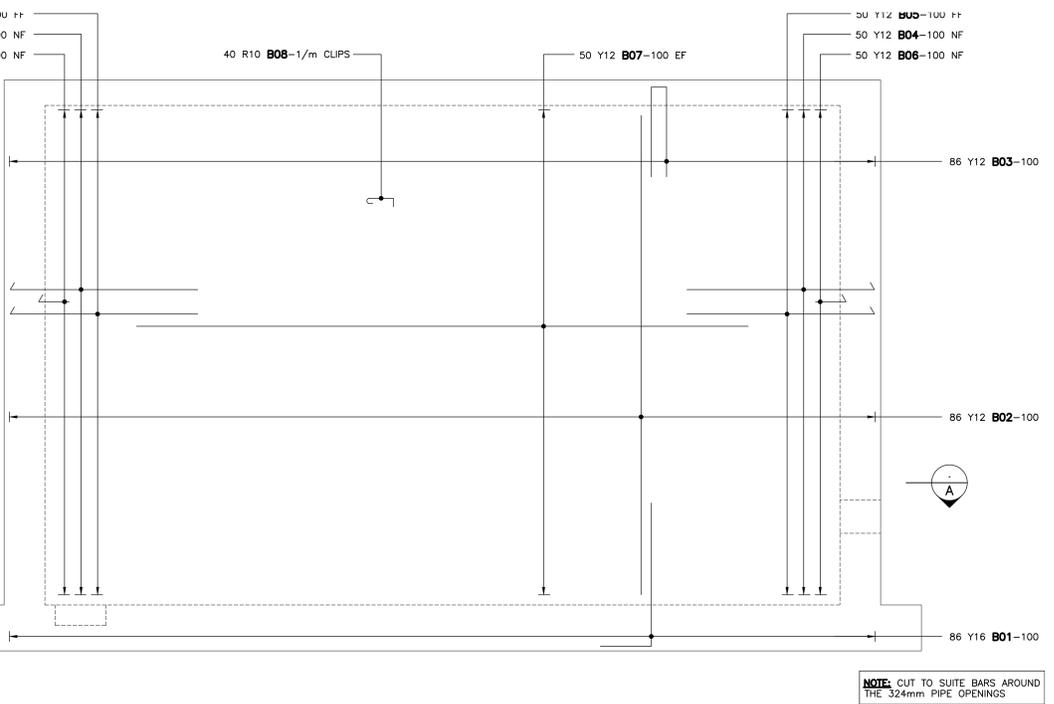


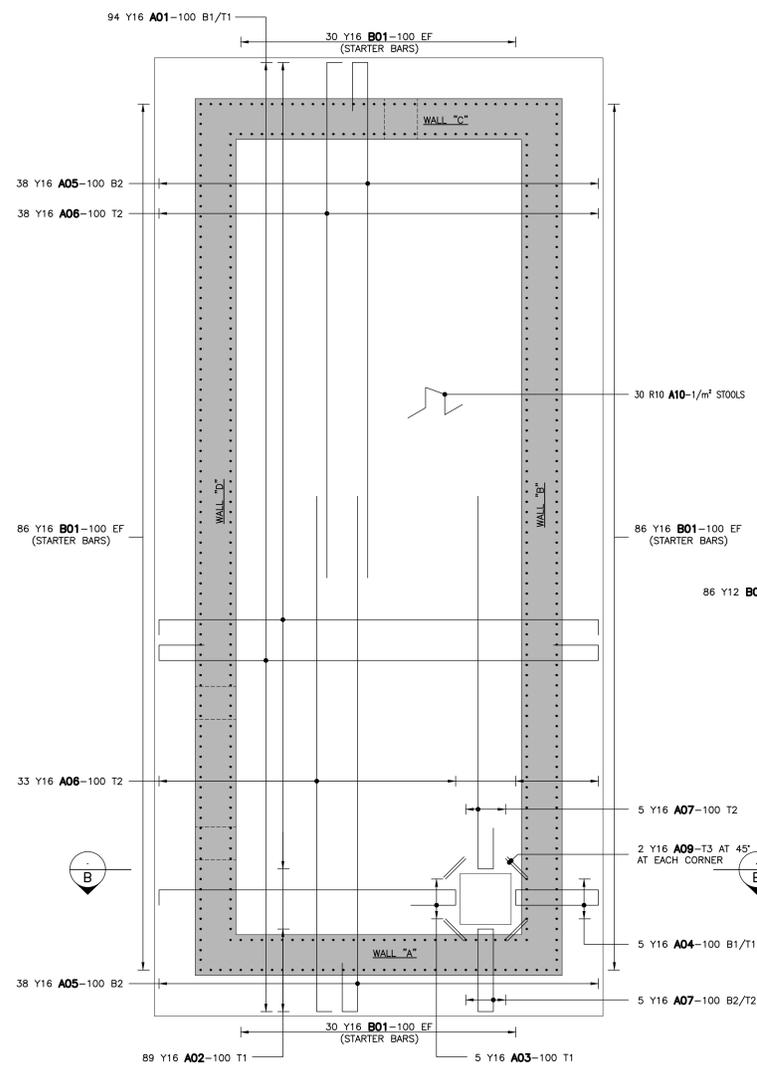
SECTION B  
1:25



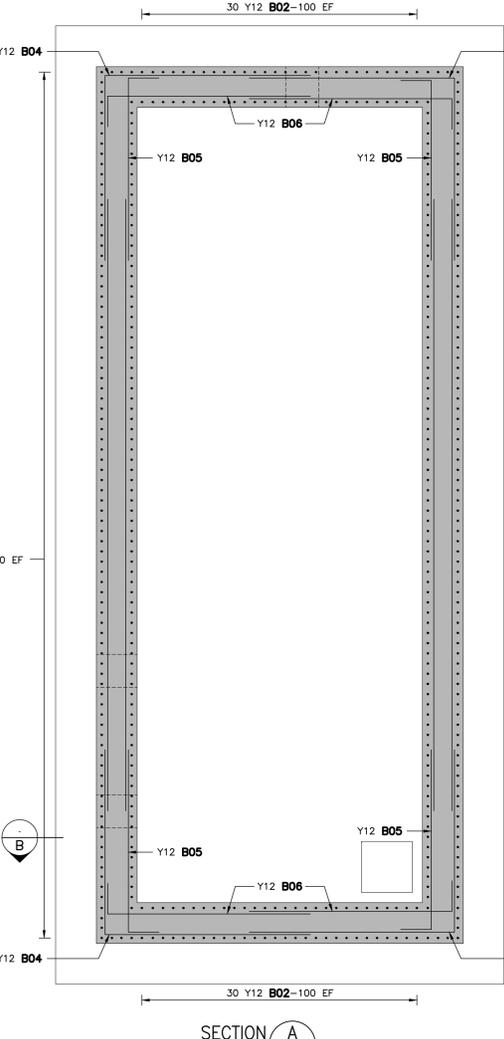
WALL ELEVATION "A"  
1:25



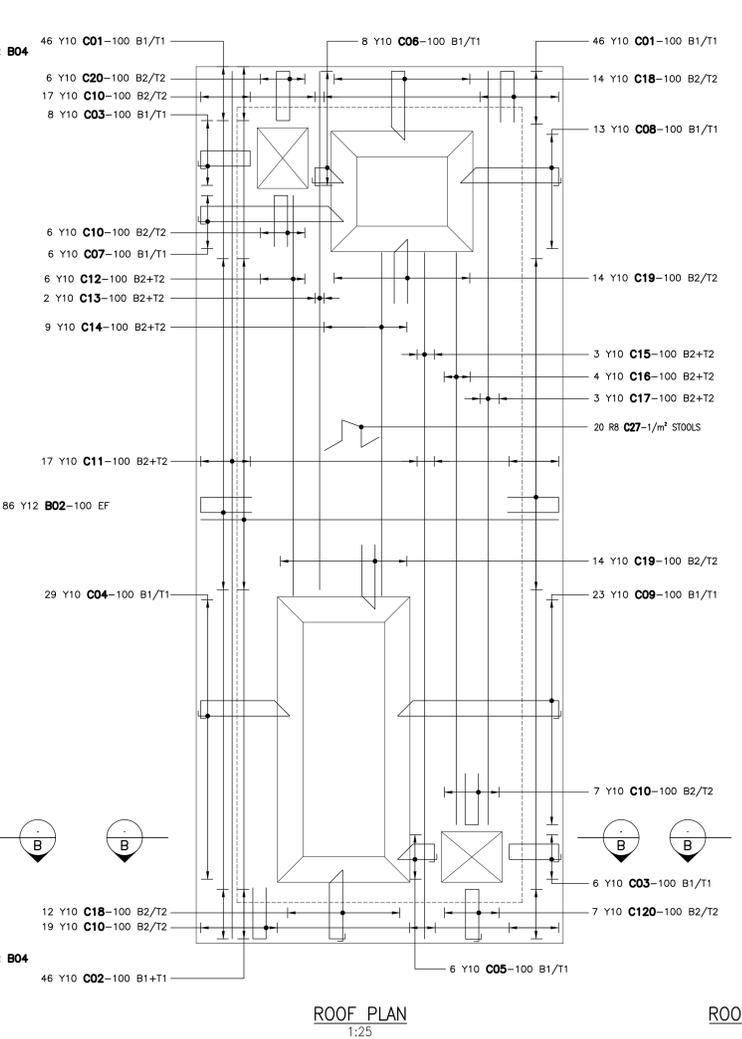
WALL ELEVATION "B"  
1:25



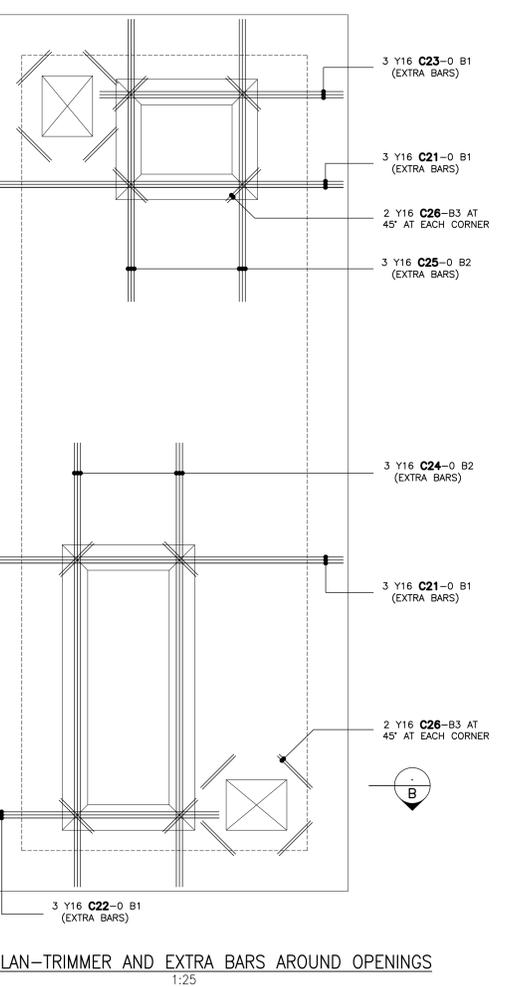
FLOOR PLAN  
1:25



SECTION A  
1:25



ROOF PLAN  
1:25



ROOF PLAN-TRIMMER AND EXTRA BARS AROUND OPENINGS  
1:25

- GENERAL NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE GENERAL ARRANGEMENT DRAWINGS.
  - STRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH SANS SPECIFICATIONS AND RAND WATER SPECIFICATIONS.
  - ALL CONCRETE MIXES AND METHOD STATEMENTS TO BE APPROVED BY THE CIVIL DESIGN ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - FOUNDATION EXCAVATIONS TO BE APPROVED BY THE CIVIL DESIGN ENGINEER PRIOR TO CASTING OF THE BLINDING LAYER.
  - ALL LEVELS AND DIMENSIONS WILL BE CHECKED ON SITE PRIOR TO CONSTRUCTION.
- REINFORCEMENT NOTES:**
- REINFORCEMENT CHARACTERISTICS: REINFORCED CONCRETE CLASS AS SPECIFIED ON GENERAL ARRANGEMENT.
  - CONCRETE COVER:
    - FLOOR: 45mm
    - WALLS: 45mm
    - ROOF (TOP FACE): 70mm
    - ROOF (BOTTOM FACE): 30mm
  - MINIMUM LAP LENGTH TO BE 50 x DIAMETER OF THE SMALLER BAR.
  - ALL REINFORCEMENT TO BE CHECKED AND APPROVED BY THE CIVIL DESIGN ENGINEER PRIOR TO CASTING OF ANY CONCRETE.
  - REINFORCEMENT ABBREVIATIONS:
    - BW = BOTH WAYS
    - EF = EACH FACE
    - NF = NEAR FACE
    - FF = FAR FACE
    - EW = EACH WAY
    - T = TOP
    - B = BOTTOM
    - T1 = FIRST LAYER FROM TOP
    - T2 = SECOND LAYER FROM TOP
    - T3 = THIRD LAYER FROM TOP
    - B1 = FIRST LAYER FROM BOTTOM
    - B2 = SECOND LAYER FROM BOTTOM
    - B3 = THIRD LAYER FROM BOTTOM
    - ALT = ALTERNATE
    - ABR = ALTERNATE BAR REVERSED
  - ONLY CONCRETE COVER BLOCKS ALLOWED OF THE SAME STRENGTH OF CONCRETE.
  - REINFORCEMENT DETAILING TO COMPLY WITH SANS 10144.
  - BENDING OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH SANS 282.
  - REINFORCEMENT SHALL BE FIXED TO COMPLY WITH TOLERANCES AS SPECIFIED IN SANS 1200G.

**REVISIONS**

No	DATE	CHECKED	APPROVED	DESCRIPTION

**REFERENCE DRAWINGS**

NUMBER	TITLE
R040199/100	GENERAL ARRANGEMENTS FOR THE DN300 METER AND FLOW CONTROL VALVE CHAMBER
R040199/201	REINFORCEMENT DETAILS FOR THE DN300 METER AND FLOW CONTROL VALVE CHAMBER

**REVISIONS**

No	DATE	CHECKED	APPROVED	DESCRIPTION

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DESIGNED BY J. MAMABOLO	APPROVED [Signature]
DRAWN BY J. MAMABOLO	REG. No. 20150256
DATE SEPT. 2022	DATE 16/09/2022

**PIPELINES & BOOSTERS**  
DAVELAND METER

REINFORCEMENT DETAILS FOR THE DN300 METER AND FLOW CONTROL VALVE CHAMBER SHEET 1 of 2

STATION [ ] WKS [ ] DOC. TYPE [ ]  
SCALE AS SHOWN [ ] REVISION [ ]

DRG No. R040199/200

FOR CONSTRUCTION