

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:
a. FLOOR: 45mm
b. WALLS: 45mm
c. ROOF (TOP FACE): 70mm
d. 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
T1 = FIRST LAYER FROM TOP
T2 = SECOND LAYER FROM TOP
T3 = THIRD LAYER FROM TOP
B = BOTTOM LAYER
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
SHEET 2 of 2	



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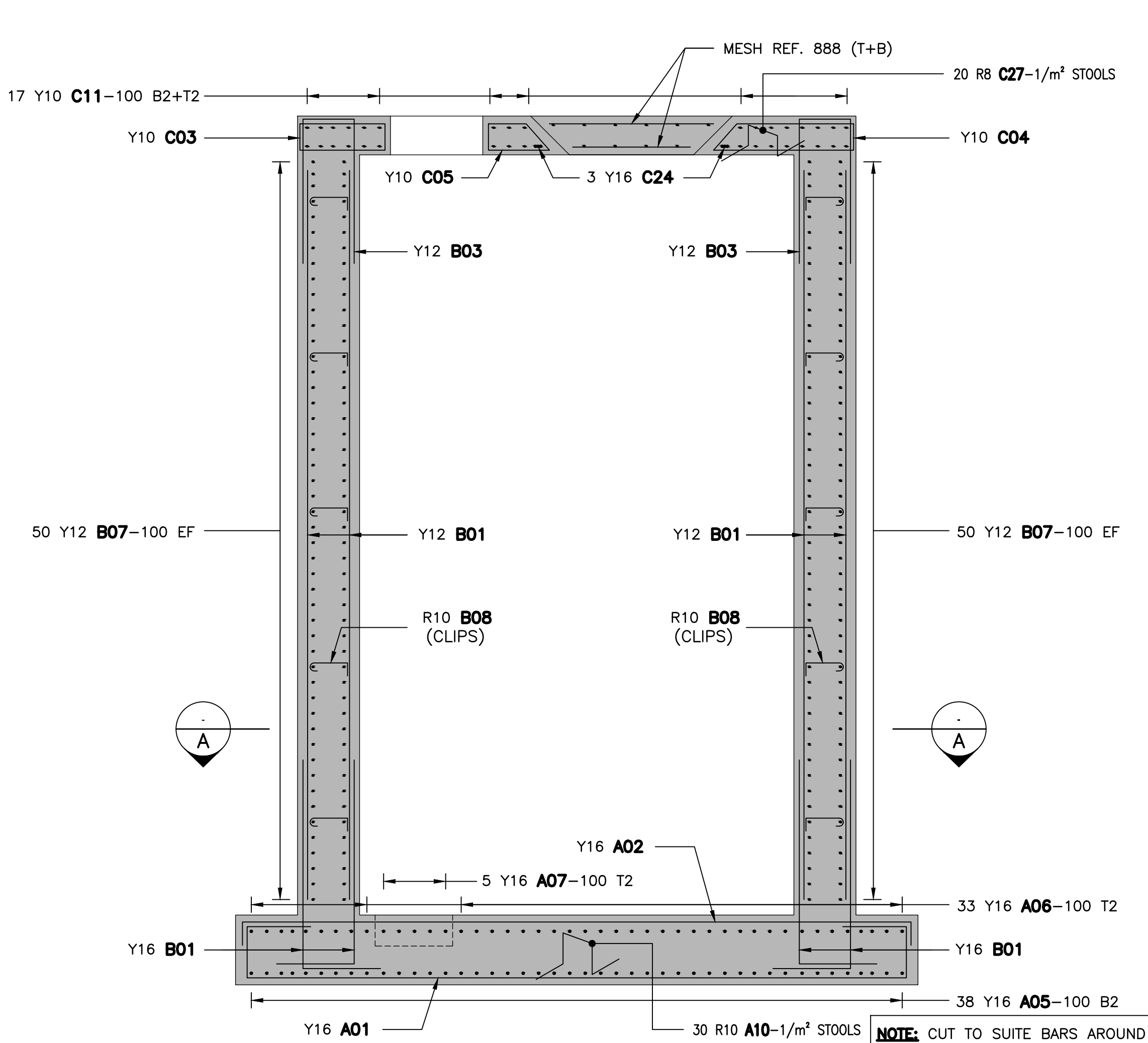
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SAP No.	P.05031	CHECKED BY	
CONTRACT No.	RW	D.O.M.	C. TIMBE
DESIGNED BY	J. MAMABOLO	APPROVED	
DRAWN BY	J. MAMABOLO	REG. No.	20150256
DATE	SEPT. 2022	DATE	19/09/2022

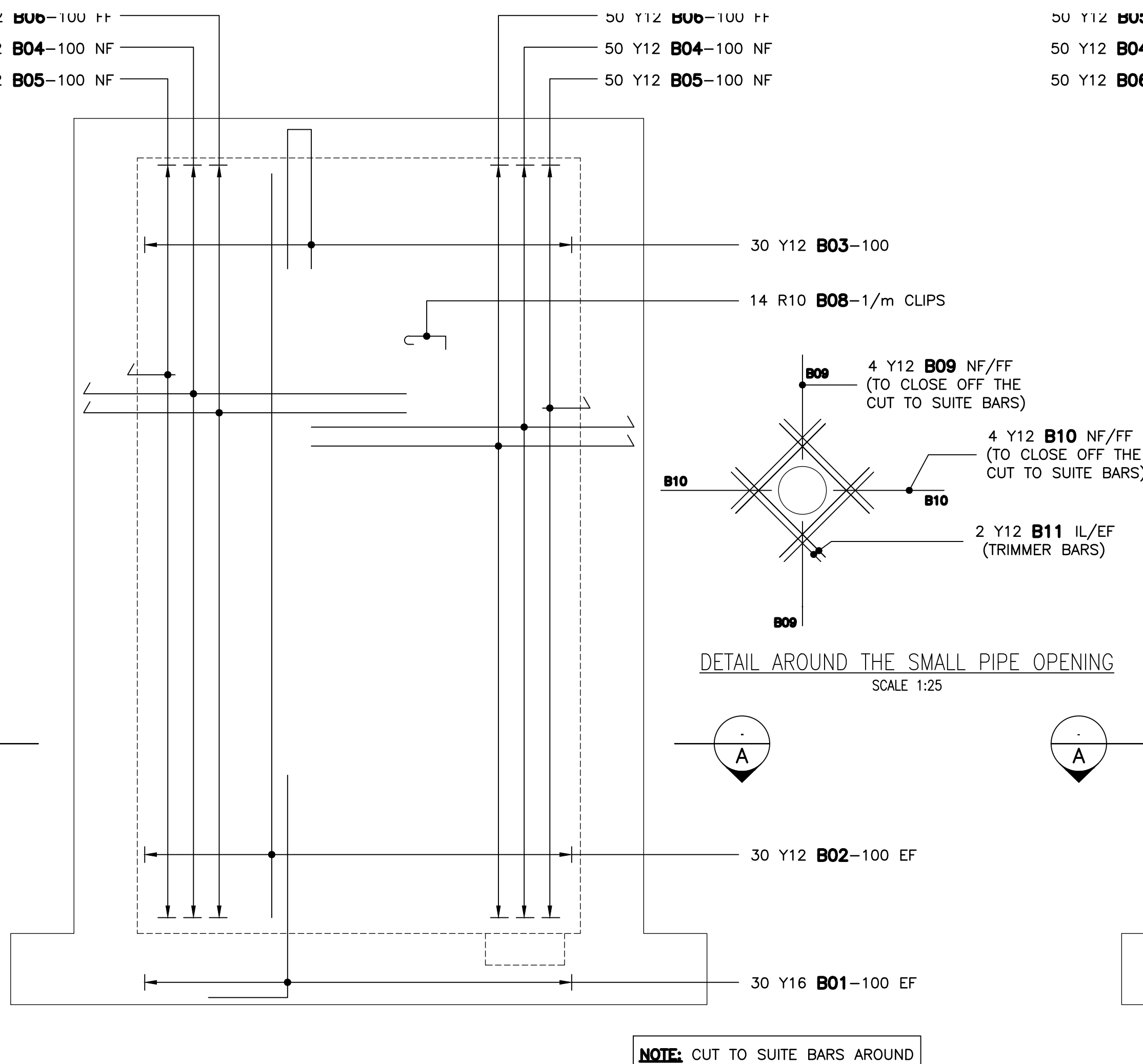
PIPELINES & BOOSTERS
DAVELAND METER

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

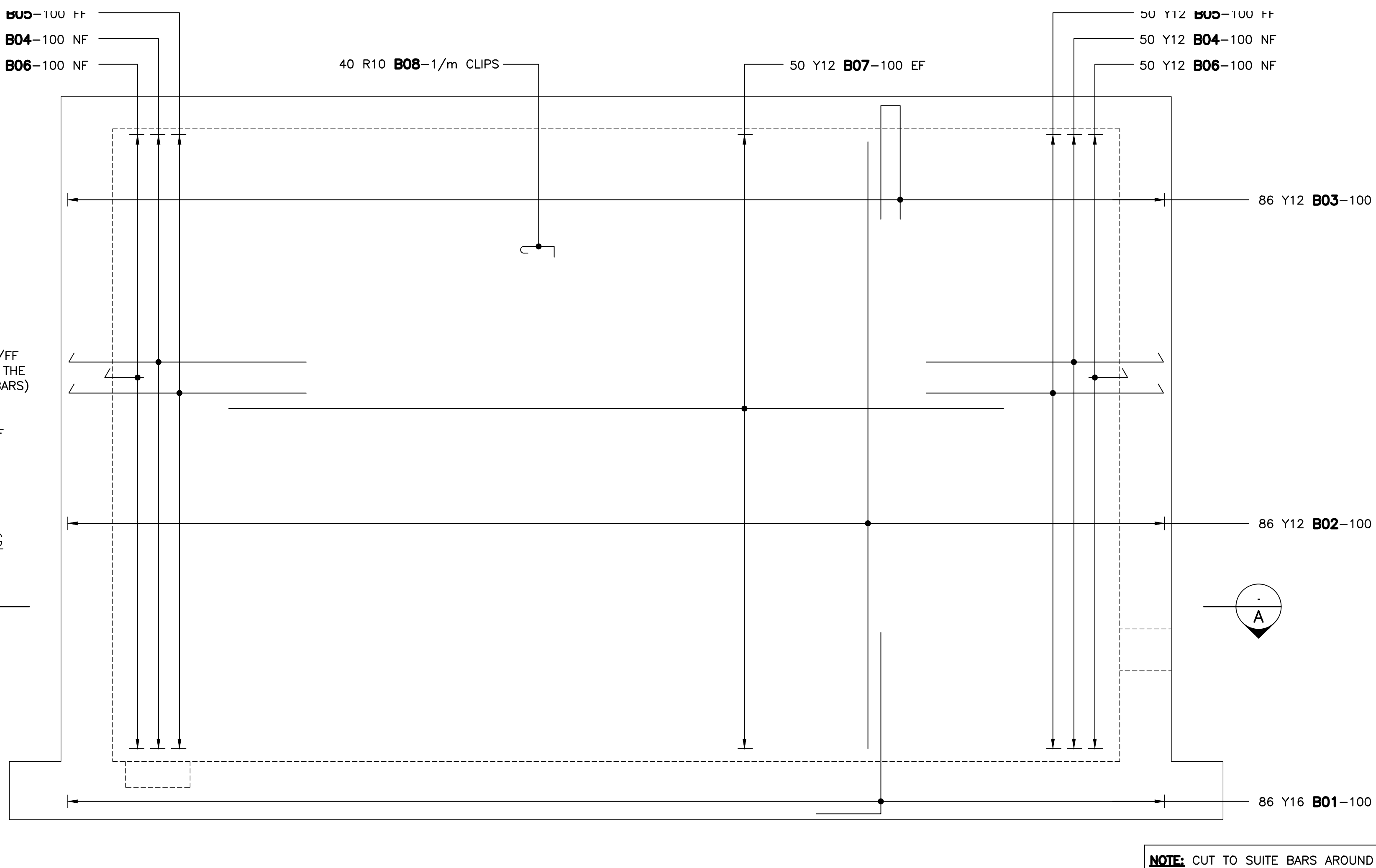
STATION	WKS	DOC. TYPE	S
P/L		D/C/R	A
SCALE AS SHOWN			



SECTION B
1:25



WALL ELEVATION "A"
1:25



WALL ELEVATION "B"
1:25

