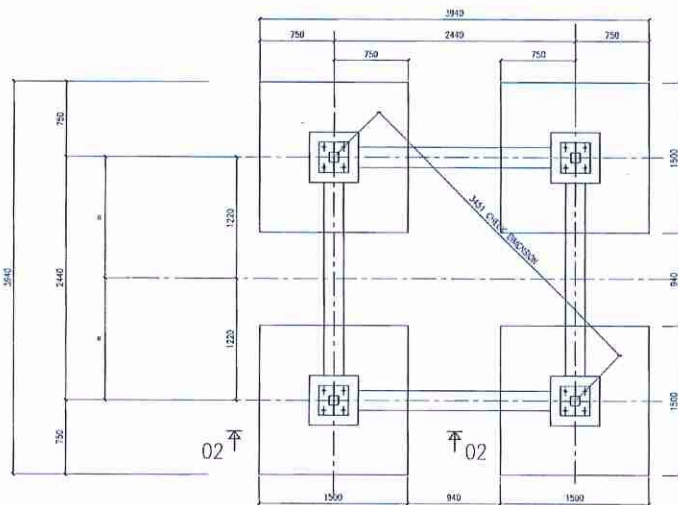
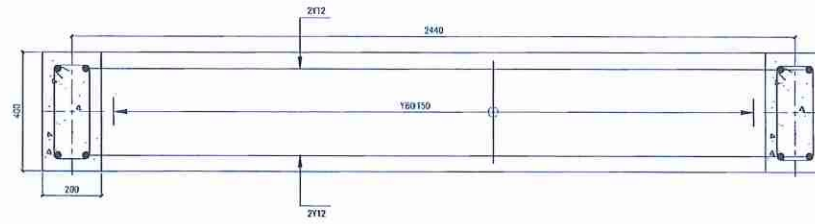
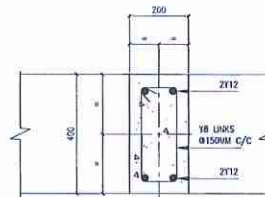




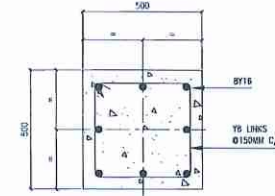
H.D. LAYOUT PLAN



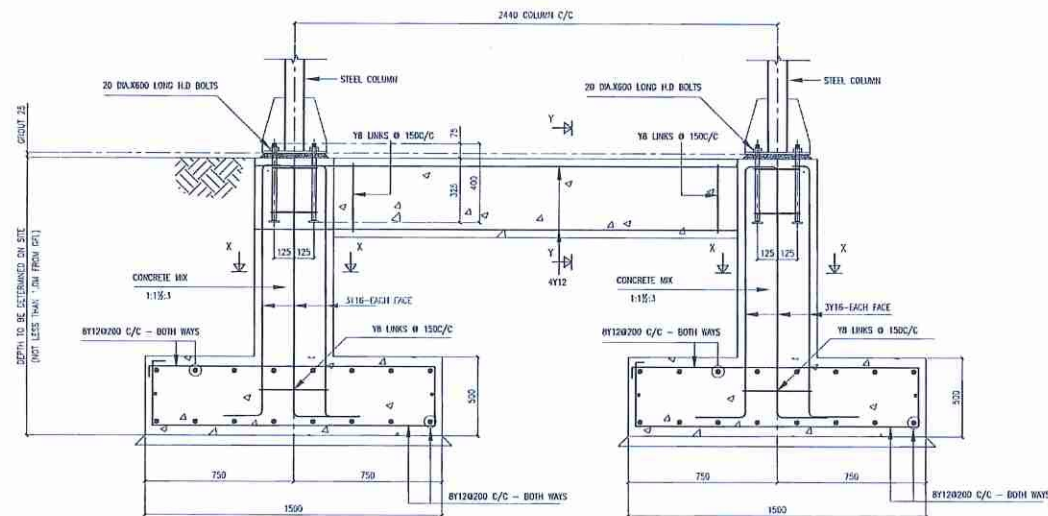
TYPICAL SECTION 01 - 01



TYPICAL SECTION Y - Y
THRU RC BEAMS B1



TYPICAL SECTION X - X
THRU STUB COLUMNS



TYPICAL SECTION 02 - 02

NOTES:

1. MIX OF CONCRETE TO ACHIEVE THE STRENGTH OF $F_{cu} 25 \text{ N/mm}^2$
2. CONCRETE MIX 1:1.5:3
3. CONCRETE MIX 1:4:8 BUILDING
4. WATER CEMENT RATIO 0.5
5. CUBE STRENGTH 28 DAYS - 25 N/mm^2
6. REINFORCEMENT STEEL STRENGTH - $425/250 \text{ N/mm}^2$
7. COVER TO BASE - 50mm
8. COVER TO COLUMN - 40mm
9. CONTRACTOR TO CONFIRM CHECK DIMENSION USING STEEL TAPE MEASURE.
10. HOLDING DOWN BOLTS TO BE CAST TO $\pm 5\text{mm}$ ACCURACY AND SHOULD BE RECAST IF THIS TOLERANCE IS EXCEEDED.
11. CONTRACTOR TO CONFIRM LEVELS OF FOUNDATIONS.
12. ASSUMED GROUND BEARING PRESSURE - 10 t/m^2

NOTES

1. READ THE DRAWING IN CONJUNCTION WITH RELEVANT P.C.
2. DIMENSIONS ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
3. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
4. ALL PIPING ARE BURIED 100mm TO 150mm WITH 150mm FLANGES
5. ALL CONCRETE SHALL BE CLASS C30 UNLESS OTHERWISE STATED
6. ALL VALVES TO BE SUPPLIED WITH EXTENSION SPINDLE.
7. WITH CONCRETE COVER OF 40mm TO THE 150mm STEEL TO BE MAINTAINED.
8. SAFE BEARING CAPACITY TAKEN AS OF 1500 kN/m^2
9. ALL FOUNDATIONS TO BE TAKEN DOWN TO A SUITABLE ROCK.
10. MAXIMUM AGGREGATE SIZE FOR CONCRETE IS 20mm.
11. ALL REINFORCEMENT TO BE INSPECTED BY THE ARCHITECT BEFORE CONCRETING.

PROJECT TITLE:

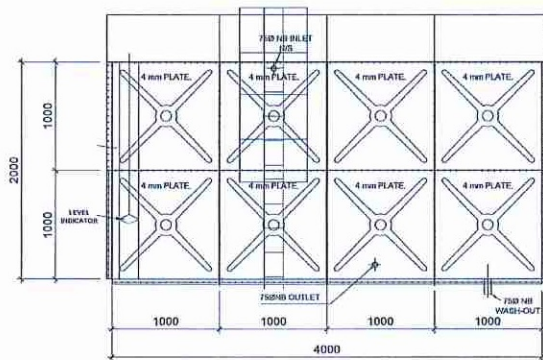
PROPOSED 24M³ PRESSED STEEL TANK ON 18M TOWER.

DRAWING TITLE

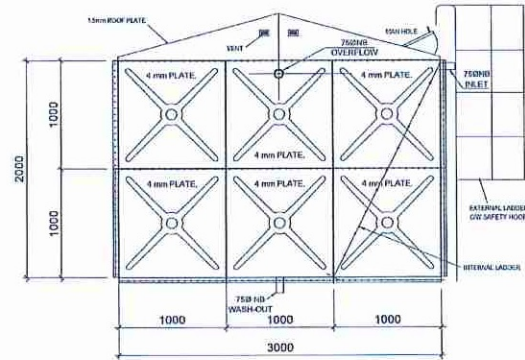
RC FOUNDATION & H.D. BOLTS LAYOUT DETAILS.

SCALE: 1:40

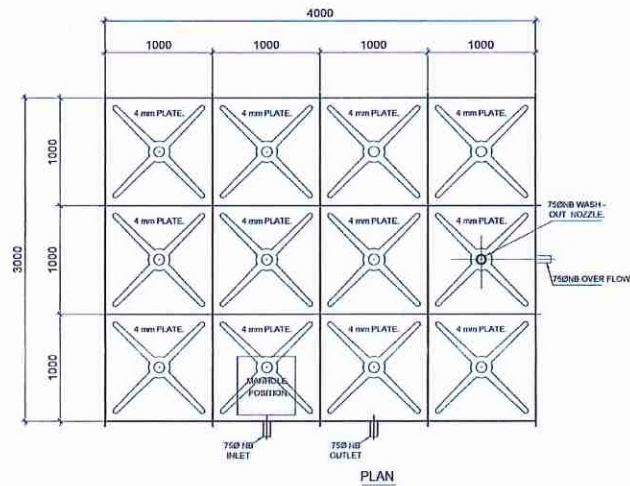
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01		



SIDE ELEVATION



END ELEVATION



PLAN

DESCRIPTION

OVERFLOW	75MMØ NB
OUTLET	75MMØ NB
WASHOUT	75MMØ NB
INLET	75MMØ NB

GENERAL NOTES

- 1) ALL STRUCTURAL STEELWORK TO BE GRADE 43C
- 2) STEELWORK TO BE WIRE BRUSHED PRIOR TO FINISHING APPLICATION.
- 3) INTERIOR TANK ONE COAT OF PRIMER & TWO COATS OF NON TOXIC BUTYLPOXUS PAINT. OUTSIDE TANK ONE COAT OF PRIMER & ONE COAT OF SILVER ALUMINUM PAINT.
- 4) ALL SHIP WELDS TO BE 6MM FILLET WELDS UNLESS OTHERWISE NOTED.
- 5) ALL SECTION SIZES ARE AS SPECIFIED ON DRAWING UNLESS OTHERWISE NOTED.
- 6) BOLTS ARE GALVANIZED GRADE 8.8

NOTES

1. READ THE DRAWING IN CONJUNCTION WITH RELEVANT R.C.
2. UNLESS, ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
3. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
4. ALL PIPEWORK ARE DUCTILE IRON TO KP 10 WITH KP 16 FLANGES
5. ALL CONCRETE SHALL BE CLASS C30 UNLESS OTHERWISE STATED
6. ALL VALVES TO BE SUPPLIED WITH EXTENSION SPRING.
7. MIN CONCRETE COVER OF 40 mm TO THE MAIN STEEL TO BE MAINTAINED.
8. SAFE BEARING CAPACITY TAKEN AS OF 150KN/M2.
9. ALL FOUNDATIONS TO BE TAKEN DOWN TO A SUITABLE ROCK.
10. MAXIMUM AGGREGATE SIZE FOR CONCRETE IS 20mm.
11. ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER BEFORE CONCRETING.

PROJECT TITLE

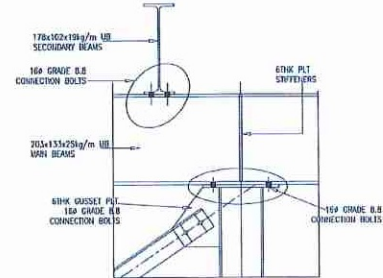
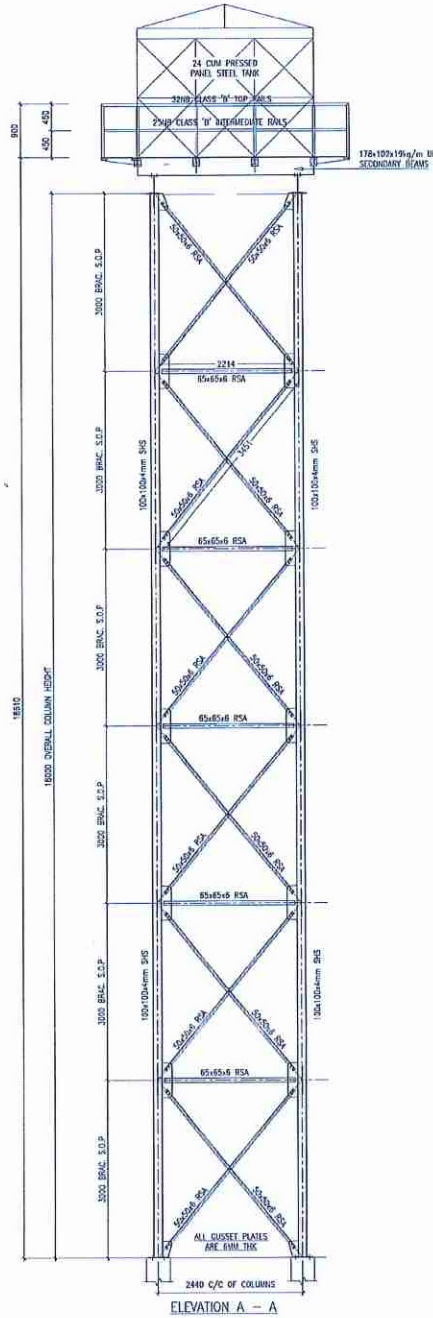
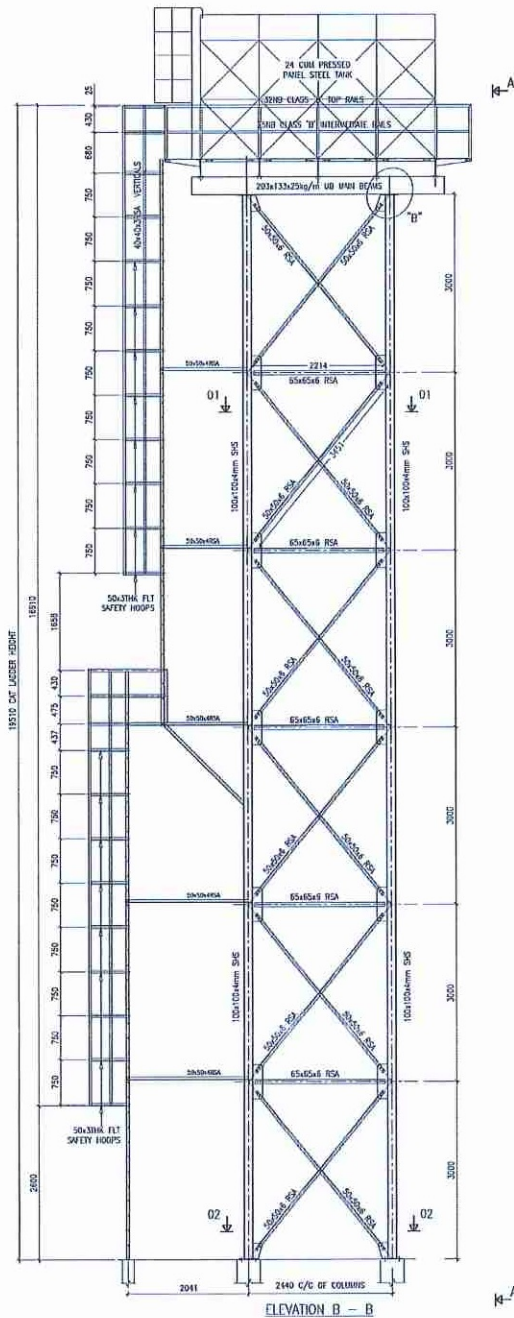
PROPOSED 24M³ PRESSED STEEL TANK ON 18M TOWER.

DRAWING TITLE

PANEL DETAILS

SCALE: 1:50

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ENG. No.	Revision Suffix		
02			



TYPICAL CONNECTION
DETAIL AT 'A'

GENERAL NOTES:

- 1) ALL STRUCTURAL STEELWORK TO BE GRADE 43C.
- 2) STEELWORK TO BE WIRE BRUSHED PRIOR TO PAINT APPLICATION.
- 3) APPLY ONE COAT OF GREY OXIDE PRIMER.
- 4) APPLY ONE COAT OF SILVER ALUMINUM PAINT.
- 5) ALL SHOP WELDS TO BE SHW FILLET WELDS UNLN.
- 6) BOLTS ARE GALVANIZED GRADE 4.6 & GRADE 8.8
- 7) ALL SKECHY SIZES TO BE AS SPECIFIED ON DRAWING.
- 8) THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.

NOTES

1. READ THE DRAWING IN CONJUNCTION WITH RELEVANT R.C.
2. DIMENSIONS: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
3. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
4. ALL PIPEWORK ARE BRITTLE IRON TO HP TO WITH HP 16 FLANGES
5. ALL CONCRETE SHALL BE CLASS C20 UNLESS OTHERWISE STATED
6. ALL VALVES TO BE SUPPLIED WITH EXTENSION SPINDLE.
7. MIN CONCRETE COVER OF 40 mm TO THE MAIN STEEL TO BE MAINTAINED.
8. SAFE BEARING CAPACITY TAKEN AS OF 150KN/M2.
9. ALL FOUNDATIONS TO BE TAKEN DOWN TO A SUITABLE ROCK.
10. MAXIMUM AGGREGATE SIZE FOR CONCRETE IS 20mm.
11. ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER BEFORE CONCRETING.

PROJECT TITLE:

PROPOSED 24M² PRESSED STEEL TANK ON
18M TOWER.

DRAWING TITLE:

ELEVATION DETAILS

SCALE: 1:40

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Checked			
ENG No.	Revision Suffix		
03			

