

- ### GENERAL NOTES FOR REINFORCED CONCRETE STRUCTURE
- 1 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 - 2 ALL ELEVATIONS ARE REFERRED TO ELEVATION 0.00 CORRESPONDING TO THE YARD EXTERNAL FINISHED GRADE.
 - 3 CONCRETE (SULPHATE RESISTANT TYPE) CHARACTERISTIC COMPRESSIVE STRENGTH AT 28 DAYS $f_c = 30.0$ MPa LEAN CONCRETE CHARACTERISTIC COMPRESSIVE STRENGTH AT 28 DAYS $f_c = 15.0$ MPa
 - 4 REINFORCING BARS TYPE A-III ($f_y = 450$ MPa)
 - 5 MINIMUM ANCHORAGE LENGTH OR OVERLAPPING LENGTH FOR REINFORCING BARS SHALL BE 60 DIAMETERS
 - 6 UNLESS OTHERWISE NOTED, REINFORCING BARS SHALL BE UNIFORMLY AND SYMMETRICALLY DISTRIBUTED
 - 7 THE CLOSURE OF STIRRUPS SHALL BE MADE WITH AN ANGLE OF 135 DEGREES
 - 8 GROUND COVER (REFERRED TO THE EXTERNAL SIDE OF STIRRUPS & REINFORCING BARS) SHALL BE 35mm FOR FOUNDATION SLAB 30mm FOR FOUNDATION PEDESTAL

BAR BENDING SCHEDULE

NO.	BAR DIMENSION	BAR LENGTH (m)	TOTAL BARS LENGTH (m)
1	400x 400x 3100	3.90	2340
2	400x 400x 3100	3.90	2340
3	584x 200x 3350	3.75	2190
4	1040x 640x 1000	3.56	4599.5
5	2091x 1000x 200	1.44	3721
6	240x 1000x 200	1.96	2532.3
7	1008x 400x 2700	3.50	3528
8	1008x 400x 2700	3.50	3528
9	672x 200x 3350	3.70	2520
10	392x 400x 2900	3.75	1450.4
11	392x 400x 2900	3.70	1450.4
12	1200x 400	12.00	3480
13	82x 1200	12.00	984
14	540x 240	1.76	3266.6
TOTAL LENGTH (m)		4251	10853
TOTAL WEIGHT (kg)		1666	3069
		16219	23449

WELDED WIRE MESH #6/200x200 9990 MQ (22910 KG) INCLUSIVE OF OVERLAPPING
 WELDED WIRE MESH #12/200x200 9990 MQ (91640 KG) INCLUSIVE OF OVERLAPPING

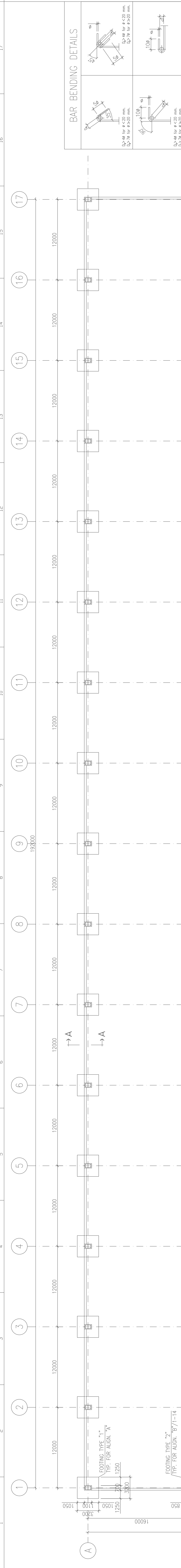
REFERENCE DRAWING

NO.	DATE	DESCRIPTION	DIS.	CONTR.	APPR.
2	10.11.06	REVISED WHERE INDICATED	AD	AI	
1	30.10.06	REVISED WHERE INDICATED	AD	AI	
0	10.10.06	ISSUED FOR COMMENTS	AD	AI	

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CLIENT APPROVAL
PORT HARBOUR R.C. FOUNDATIONS FORMWORKS & REINFORCEMENTS

TITLE: PIPING PREF. BLDG - PORT HARBOUR R.C. FOUNDATIONS FORMWORKS & REINFORCEMENTS
 PLAN AT EL. +2000 SECTIONS & DETAILS
 DATE: 10.11.2006 SCALE: 1:200
 DRAWING NO: 262901.2



PLAN AT ELEV. +2000
FORMWORKS 1:200

