



FOUNDATION PLAN AT EL. 0.00

SCALE 1:500

N.B.: FOR WALL COLUMN LOCATIONS, SECTIONS AND REINFORCEMENT TO BE PLACED (DOWELS) SEE DWG. 863013-02A-ENG-C-XL-2102

BILL OF QUANTITY			
NO	MARK	TYPE/LENGTH	QUANTITY
1	TB1	0.25x0.60x6.15m	2 NOS
2	TB2	0.25x0.60x6.15m	20 NOS
3	TB3	0.25x0.60x6.15m	46 NOS
4	TB4A	0.25x0.50x2.35m	4 NOS
5	TB4B	0.25x0.50x2.75m	4 NOS
6	TB5A	0.35x0.70x5.85m	6 NOS
7	TB5B	0.35x0.70x6.15m	12 NOS
8	TB6	0.25x0.60x2.35m	23 NOS
9	PC1	1.20x4.20x1.50m	44 NOS
10	PC2	1.20x3.40x1.50m	22 NOS
11	PC3	1.00x2.50x1.25m	8 NOS

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS ARE REFERRED TO ELEVATION 0.00 CORRESPONDING TO THE WORKSHOP INTERNAL FINISHED LEVEL AND ABSOLUTE ELEVATION
- REINFORCING BARS TO BE DEFORMED BAR CONFORMING TO ASTM A615/A706 OR BS4449.
- ALL BAR SPLICES AT ONE PLACE SHOULD NOT EXCEED 50% OF TOTAL NUMBER OF BARS.

- COMPRESSIVE STRENGTH OF STRUCTURAL CONCRETE OF 28 DAY CUBE:
LEAN CONCRETE $f_{cu} = 15 \text{ N/mm}^2$ (Grade C15)
STRUCTURAL CONCRETE $f_{cu} = 30 \text{ N/mm}^2$ (Grade C30)
- ALL STEEL REBAR ARE GRADE 460, $f_y = 460 \text{ N/mm}^2$.
- UNLESS OTHERWISE NOTED, REINFORCING BARS SHALL BE UNIFORMLY AND SIMMETRICALLY DISTRIBUTED
- THE CLOSURE OF STIRRUPS SHALL BE MADE WITH AN ANGLE OF 135° DEGREES

- CONCRETE COVER (REFERRED TO THE EXTERNAL SIDE OF STIRRUPS & REINFORCEMENTS)
FOUNDATION 50mm
FOUNDATION BEAMS 40mm
- MINIMUM ANCHORAGE LENGTH OR OVERLAPPING LENGTH FOR REINFORCING BARS SHALL BE 50 DIAMETERS
- THE PARTS OF FOUNDATION IN CONTACT WITH EARTH SHALL BE PROTECTED WITH TWO BITUMINOUS COATING LAYERS.

- PC = PILECAP
- TB = TIE BEAM

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED	CAD FILE	SCALE	ORIG. SIZE	DRAWING No.	SHEET	REVISION
0	12/01/10	ISSUED FOR CONSTRUCTION	VMF	RVT	AMI						
A	15/12/09	ISSUED FOR REVIEW	VMF	RVT	AMI	863013_MIA_ENG_C_XL_2002_0 Sh.1.Dwg	1:500	A3	863013-MIA-ENG-C-XL-2002	1 OF 4	0

 saipem	Foundation consultant: Dott. Ing. ATTILIO IANNUZZI PhD Via Lucento n.66 - Tel. - Fax +39 089 7352981 74100 TARANTO (ITALY) e-mail: info@iannuzziassociati.it	PROJECT KARIMUN YARD CONSTRUCTION PROJECT
	TITLE KARIMUN YARD PIPING WORKSHOP FOUNDATION PLAN	DRAWING No. 863013-MIA-ENG-C-XL-2002