



FOUNDATION PLAN
 SCALE 1:600
 N.B.: FOR WALL COLUMN LOCATIONS, SECTIONS AND REINFORCEMENT TO BE PLACED (DOWELS) SEE DWG. 863013-02A-ENG-C-XL-.....

GENERAL NOTES
 1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
 2. ALL ELEVATIONS ARE REFERRED TO ELEVATION 0.00 (WORKSHOP FINISHED LEVEL) CORRESPONDING TO +6.45M ABOVE M.S.L.
 3. REINFORCING BARS TO BE DEFORMED BAR CONFIRMING TO ASTM A615/A706 OR BS4449.
 4. ALL BAR SPLICES AT ONE PLACE SHOULD NOT EXCEED 50% OF TOTAL NUMBER OF BARS.

5. 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)
 6. ALL STEEL REBAR ARE GRADE 460, $f_y = 460 \text{ N/mm}^2$.
 7. UNLESS OTHERWISE NOTED, REINFORCING BARS SHALL BE UNIFORMLY AND SIMMETRICALLY DISTRIBUTED
 8. THE CLOSURE OF STIRRUPS SHALL BE MADE WITH AN ANGLE OF 135° DEGREES

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

BILL OF QUANTITY			
NO	MARK	TYPE/LENGTH	QUANTITY
1	TB1	0.30x0.60x5.8m	118 NOS
2	TB2	0.30x0.60x2.2m	48 NOS
3	TB3	0.30x0.60x5.5m	16 NOS
4	TB4	0.30x0.50x4.2m	6 NOS
5	PC1	3.00x4.00x1.50m	84 NOS
6	PC2	2.50x3.40x1.50m	6 NOS

1. PC = PILECAP
 2. TB = TIE BEAM

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	15/01/10	ISSUED FOR CONSTRUCTION	VMF	RVT	AMI
A	05/12/09	ISSUED FOR REVIEW	VMF	RVT	AMI

	Foundation consultant: Dott. Ing. ATTILIO IANNUZZI PhD Via Lucento n.66 - Tel. - Fax +39 099 7352981 74100 TARANTO (ITALY) e-mail: info@iannuzziassociati.it	PROJECT KARIMUN YARD CONSTRUCTION PROJECT
		TITLE KARIMUN YARD PREFABRICATION WORKSHOP FOUNDATION PLAN
863013_MIA_ENG_C_XL_1002_0 Sh.1.Dwg	1:600	A3
CAD FILE	SCALE	ORIG. SIZE
DRAWING No.	863013-MIA-ENG-C-XL-1002	SHEET
REVISION	1 OF 2	0