



FOUNDATION PLAN

SCALE 1:500

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

BILL OF QUANTITY			
NO	MARK	TYPE/LENGTH	QUANTITY
1	TB1	0.25x0.50x5.0m	41 NOS
2	TB2	0.25x0.50x5.0m	3 NOS
3	TB3	0.35x0.70x5.0m	9 NOS
4	TB4	0.25x0.50x2.75m	8 NOS
5	TB5	0.25x0.50x5.5m	3 NOS
6	TB6	0.25x0.50x1.45m	1 NOS
7	TB7	0.25x0.50x6.05m	2 NOS
8	TB8	0.25x0.40x4.9m	5 NOS
9	TB9	0.25x0.50x3.75m	2 NOS
10	TB10	0.25x0.60x5.0m	13 NOS
11	TB11	0.25x0.60x5.0m	2 NOS
12	TB12	0.25x0.50x4.1m	5 NOS
13	PC1	1.00x2.80x1.35m	63 NOS
14	PC2	1.10x1.10x1.10m	11 NOS
15	PC3	1.00x1.00x1.00m	9 NOS
16	PC4	1.10x1.10x1.10m	6 NOS

**GENERAL NOTES**

- ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS ARE REFERRED TO ELEVATION 0.00 (PROJECT STORE INTERNAL FINISHED LEVEL) CORRESPONDING TO ...M ABOVE M.S.L.
- REINFORCING BARS TO BE DEFORMED BAR CONFIRMING 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.

1. PC = PILECAP  
2. TB = TIE BEAM

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	15/01/10	ISSUED FOR CONSTRUCTION			
A	20/12/09	ISSUED FOR REVIEW	GDE	RVT	AMI

CLIENT

saipem

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PROJECT					
KARIMUN YARD CONSTRUCTION PROJECT					
TITLE					
KARIMUN YARD PROJECT STORE FOUNDATION PLAN					
CAD FILE	SCALE	ORIG. SIZE	DRAWING No.	SHEET	REVISION
863013_MIA_ENG_C_XL_3002_0 Sh.1.Dwg	1:500	A3	863013-MIA-ENG-C-XL-3002	1 OF 3	0