



CABIN & BTS PLINTH (A)

(A) FOR FOUNDATION SOIL OTHER THAN SOFT CLAY

**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETER (MM) UNLESS STATED OTHERWISE.
2. ONLY FIGURED DIMENSIONS ARE TO BE USED.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ANY DISCREPANCY SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO CONSTRUCTION.

**4. REINFORCED CONCRETE**

- a. REINFORCED CONCRETE MIX TO BE GRADE 30 AND SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 30 N/mm<sup>2</sup> AT 28 DAYS AS PER B.S. 8110.
- b. ALL LEAN CONCRETE SHALL BE 1:3:6 MIX AND PROVIDE AS FOLLOWS:  
FOOTING : 50MM
- c. COARSE AND FINE AGGREGATE SHALL COMPLY TO B.S. 882.
- d. PORTLAND CEMENT USED SHALL COMPLY TO B.S. 12.
- e. NOMINAL AGGREGATE SIZE TO BE 20 mm.
- f. CONCRETE COVER TO ALL REINFORCEMENTS AS FOLLOW:  
PILECAP & FOUNDATION - 75 mm
- g. ALL REINFORCED CONCRETE SHALL BE PROPERLY VIBRATED WITH SUITABLE MECHANICAL VIBRATOR.
- h. UNLESS OTHERWISE STATED MINIMUM LAP LENGTH SHALL BE :

	COMPRESSION	TENSION
MILD STEEL	40 D	55 D
H.T. STEEL	40 D	55 D

**5. REINFORCEMENT TO BS 4449 : 1978/MS 146 : 1988**

T - HIGH TENSILE ROUND DEFORMED BAR  
(F<sub>y</sub> = 460 N/SQ.MM.)

R - MILD STEEL PLAIN ROUND BAR  
(F<sub>y</sub> = 250 N/SQ.MM.)

INVITATION REFERENCE NO:  
MCMC/RDD/PDD(4)/T3\_Extn(P2)/  
TCA/12/14(12)

**PROJECT TITLE:**

TIME 3 - EXTENSION  
(NATURAL DISASTER DESIGN)

**DRAWING TITLE:**

DRAWING 3:

NATURAL DISASTER DESIGN FOR  
GREENFILED SITES PLINTH  
SECTION AND FOUNDATION  
DETAILS

DATE: DEC 2014

SCALE: 1 : 100