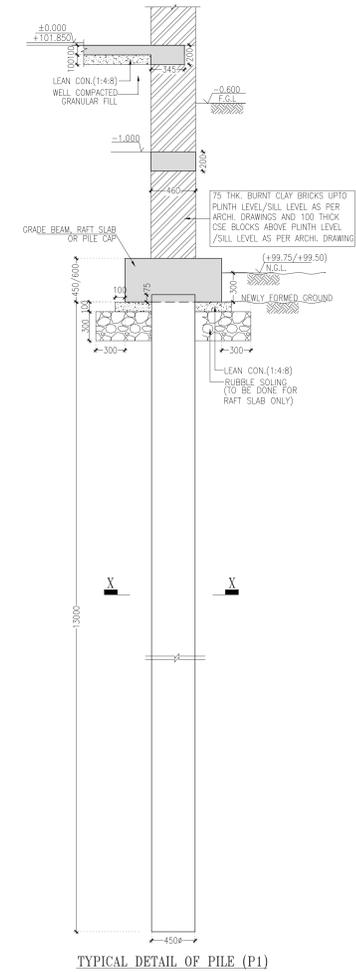


PILE LAYOUT



SECTION X-X  
(PILE P1)

NOTES:

REFERENCE: ALL DIMENSIONS TO BE CHECKED AND CORRELATED WITH ALL RELATED DRAWINGS AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEER BEFORE COMMENCEMENT OF THE WORK.

FOUNDATION PILES: ALL DIMENSIONS ARE MM AND LEVELS ARE IN METERS. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED. PILING WORK TO BE DONE AS PER IS 2911-2010. INITIAL AND ROUTINE TEST OF PILES TO BE CARRIED OUT AS PER IS 2911 (PART-04)-1985. PILING ON BOTH SIDES OF WALL WHEN REQUIRED SHALL BE BALANCED IN STAGES AND LAYERS.

MASONRY SPEC: ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO SIL LEVEL WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm<sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED. BRICK MASONRY SHALL BE BEDDED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.

CEMENT BLOCK MASONRY SPEC: ALL CEED MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILISED EARTH BLOCK WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm<sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED. CEED MASONRY SHALL BE BEDDED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED. BROOM TEST IS RECOMMENDED TO ENSURE THE EFFICIENCY OF MASONRY WALL AGAINST COMPRESSED STABILISED EARTH BLOCK.

CONC. SPEC: ALL CONCRETE MIXES UNLESS OTHERWISE SPECIFIED.

REINFORCEMENT: # INDICATES TMT STEEL (Fe 500S) OF YIELD STRENGTH 500 N/mm<sup>2</sup>.

COVER: CLEAR COVER TO MAIN STEEL IS AS FOLLOWS:  
 PILES : 50 mm  
 PILE CAP : 80 mm  
 GRADE BEAM : 30 mm  
 FOOTINGS : 50 mm  
 DECK & TOP BOTTOM : 50 mm  
 COLUMNS & PERESTALS : 40 mm  
 BEAMS & LINTELS : 30 mm  
 SLABS : 25 mm

LAP/ SPLICES: LAP LENGTH IS FIFTY TIMES BAR DIAMETER.

LEGENDS:  
 COLUMN/WALL STARTS FROM THIS LEVEL.  
 COLUMN/WALL STOPS AT THIS LEVEL.

FOR TENDER PURPOSE ONLY

No.	Date	Remarks

Revisions

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Title  
STRUCTURAL G.A. DRAWINGS OF PILE LAYOUT & DETAILS FOR STUDENT HOUSING (TYPE-09)

Dealt : HS Drawing No.  
Checked : AJ NUC-RSH - S - A.9.1  
Scale : 1:50, 1:25  
Date : 09/06/2016

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