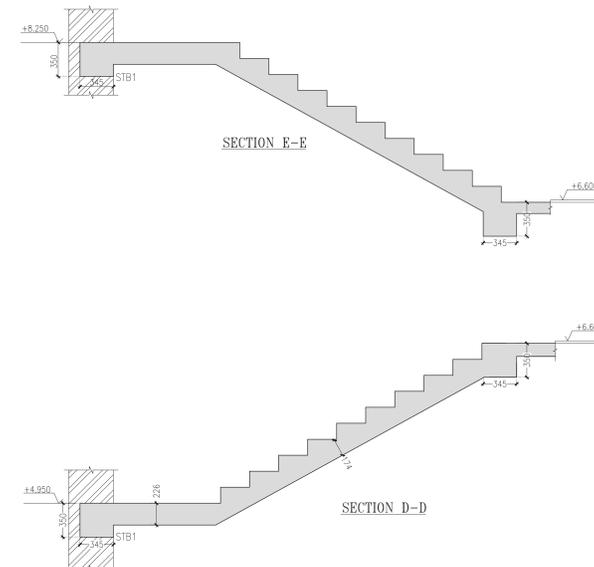


SECOND FLOOR PLAN AT +6.600M LVL.(FIN. FLOOR LVL.)

| BEAM SCHEDULE |         | COLUMN SCHEDULE |         |
|---------------|---------|-----------------|---------|
| BEAM          | SIZE    | COLUMN          | SIZE    |
| B2            | 345X350 | C1              | 230X345 |
| B3            | 460X350 | C2              | 230X230 |
|               |         | C3              | 345X345 |



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**NOTES:**

**DETAIL** REMARKS

**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.

**DIMENSION** ALL DIMENSIONS ARE MM AND LEVELS ARE IN METER. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.

**MASONRY SPEC.** ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO 300 mm LEVEL WITH MIN. COMPRESSIVE 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.

**CEILING FLOOR** ALL CEILING MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILIZED EARTH BLOCK WITH MIN. COMPRESSIVE STRENGTH OF 7.5 N/mm<sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED.

**CEILING MASONRY** SHALL BE BEDDED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.

**PRISM TEST** IS RECOMMENDED TO ENSURE THE EFFICIENCY OF MASONRY WALL AGAINST COMPRESSED STABILIZED EARTH BLOCK.

**CONC. SPEC.** ALL CONCRETE MIX W/CS UNLESS OTHERWISE SPECIFIED.

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

**COVER** CLEAR COVER TO MAIN STEEL IS AS FOLLOWS:  
 RAFTS : 50 mm  
 PILE CAP : 40 mm  
 GRADE BEAM : 30 mm  
 FOOTINGS : 50 mm  
 DECK & TOP BOTTOM : 50 mm  
 COLUMNS & PEDESTALS : 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 SECOND FLOOR PLAN & DETAILS FOR STUDENT HOUSING (TYPE-02)

**Dealt :** HS      **Drawing No.**  
**Checked :** AJ      **NUC-RSH - S - A.2.7**  
**Scale :** 1:50, 1:25  
**Date :** 09/06/2016

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