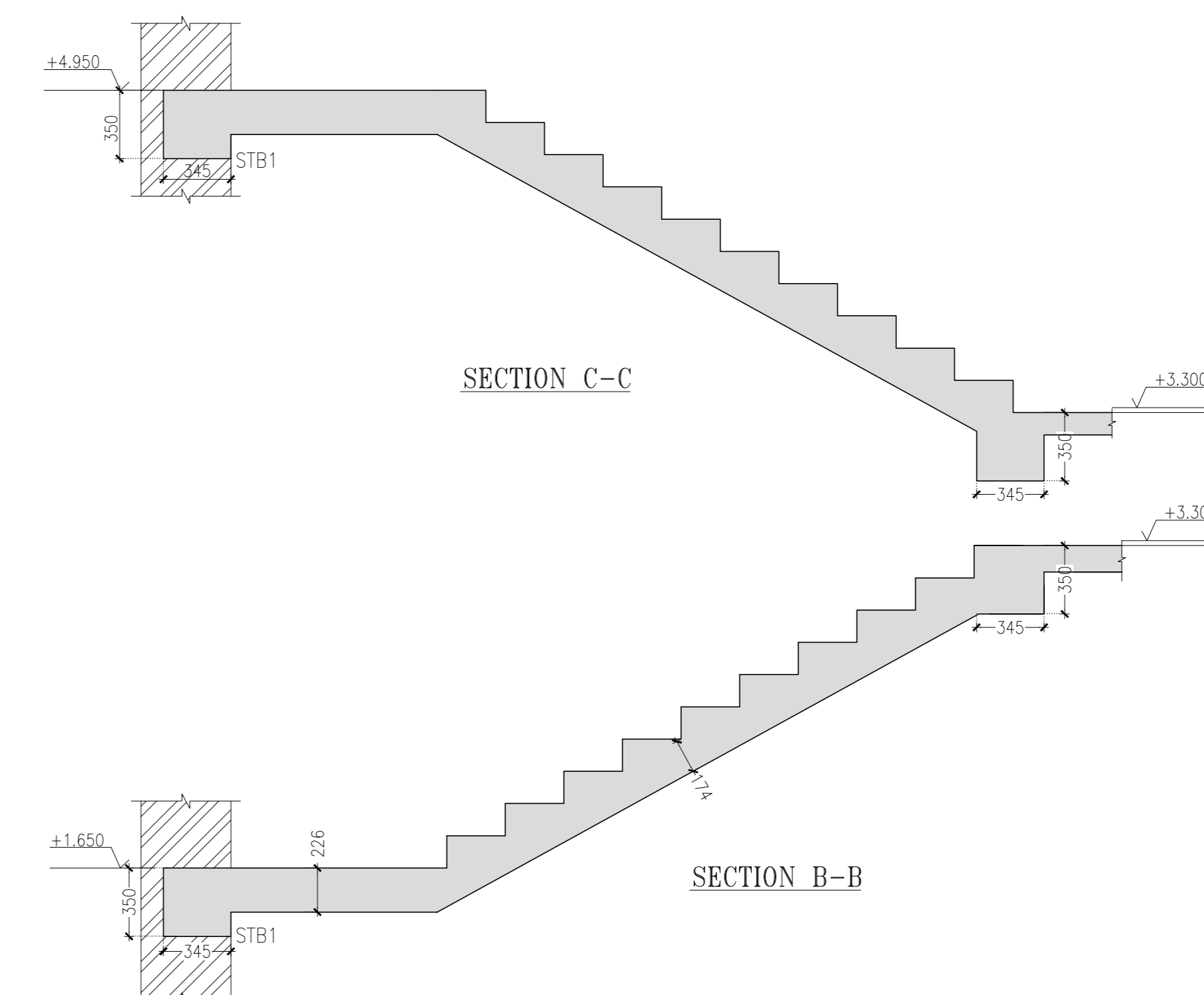


FIRST FLOOR PLAN AT +3.300M LVL.(FIN. FLOOR LVL.)

BEAM SCHEDULE	
BEAM	SIZE
B2	345X350
B3	460X350

COLUMN SCHEDULE	
COLUMN	SIZE
C1	230X345
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 IN MM AND LEVELS ARE TO BE MEASURED.

**MASONRY SPEC:** ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO 300mm THICK 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 SPEC:** 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 SPEC:** 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:** R 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  
 PALE 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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STRUCTURAL G.A. DRAWINGS OF FIRST FLOOR PLAN & DETAILS FOR STUDENT HOUSING (TYPE-09)

**Dealt :** HS      **Drawing No.** NUC-RSH-S-A.9.5  
**Checked :** AJ  
**Scale :** 1:50, 1:25  
**Date :** 09/06/2016

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