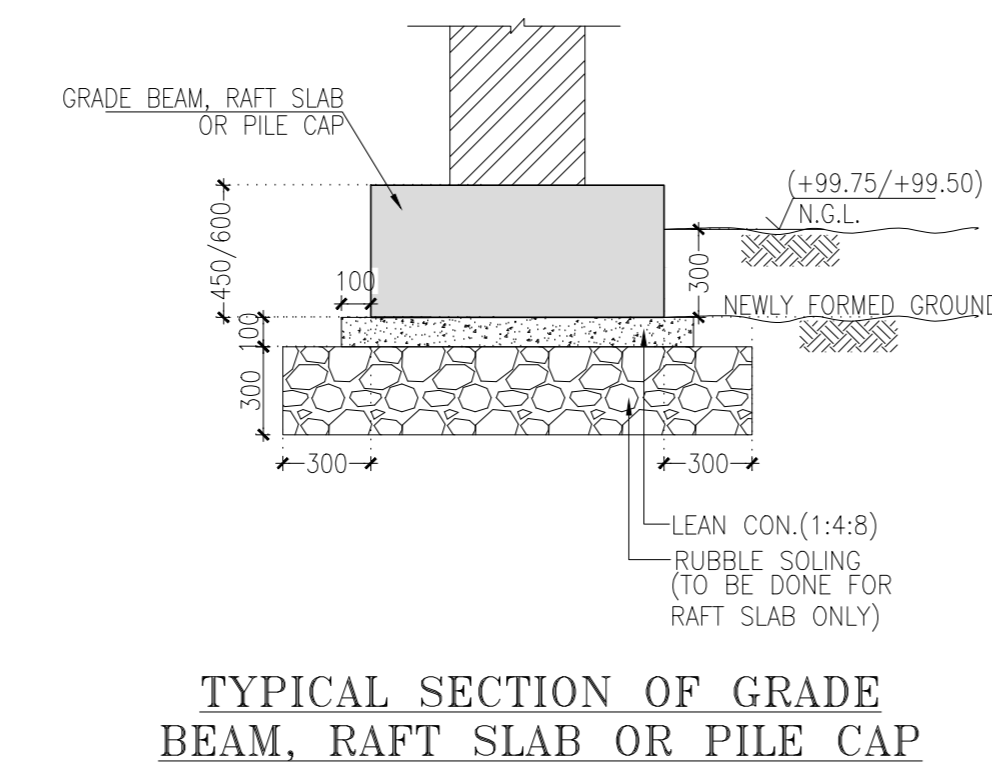
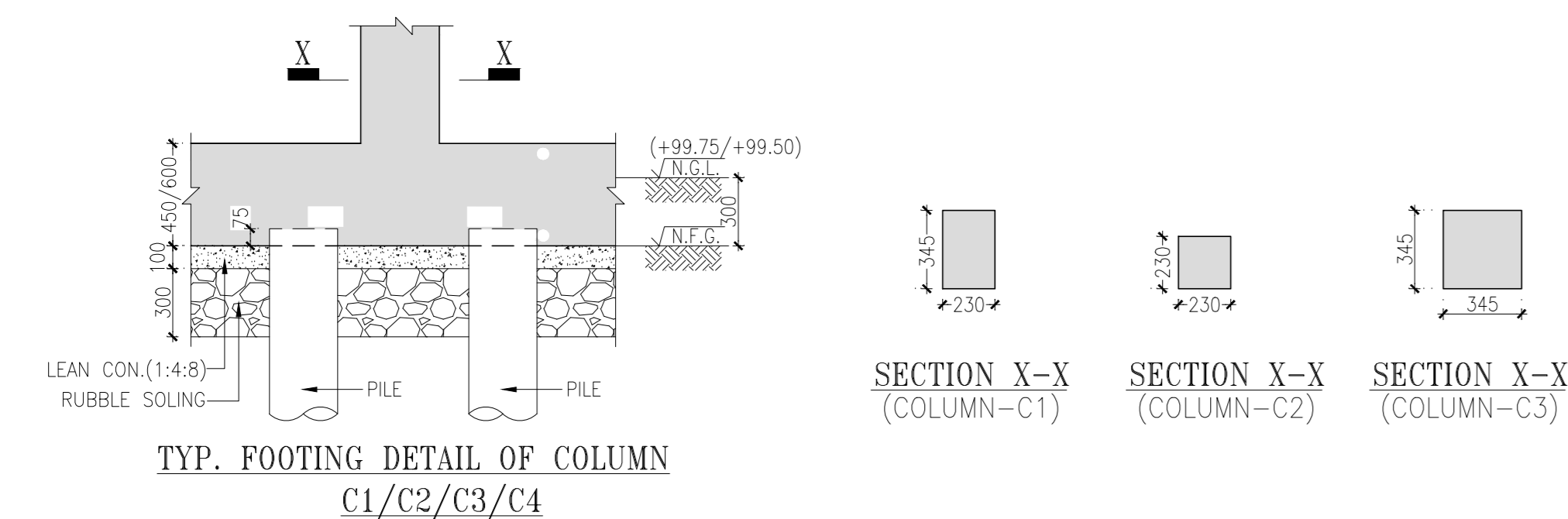


GRADE BEAM LAYOUT

COLUMN	SIZE
C1	230X345
C2	230X230
C3	345X345

BEAM	SIZE
GB1	1000X600
GB2	1500X600
GB3	450X600
GB4	1200X600
GB5	1420X600



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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 METERS.
FOUNDATION PILES	ALL DIMENSIONS ARE TO BE READ AS PER 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 LAYOUTS.
MASONRY SPEC.	ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO SL. 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 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 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 STABILIZED EARTH BLOCK.
CONC. SPEC.	ALL CONCRETE MIX W/CS UNLESS OTHERWISE SPECIFIED.
REINFORCEMENT	Ø INDICATES TMT STEEL (Fe 500) 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 : 50 mm BOTTOM : 50 mm COLUMNS & PEDESTALS : 40 mm BEAMS & LINTELS : 30 mm SLABS : 25 mm 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

Date	Prints Issued to	Date	Prints Issued to

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Title  
**STRUCTURAL G.A. DRAWINGS OF GRADE BEAM LAYOUT & DETAILS FOR STUDENT HOUSING (TYPE-05)**

Dealt : HS Drawing No.  
Checked : AJ NUC-RSH - S - A.5.2  
Scale : 1:50, 1:25  
Date : 09/06/2016

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