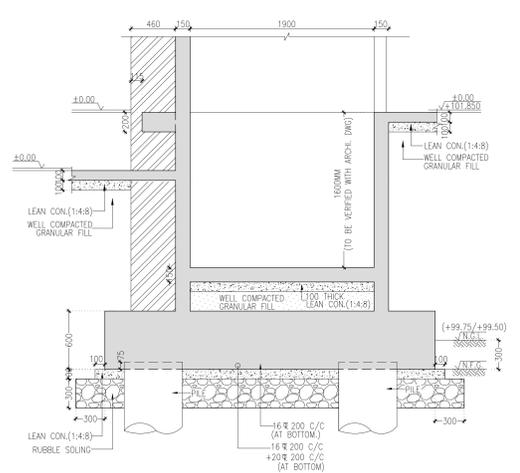
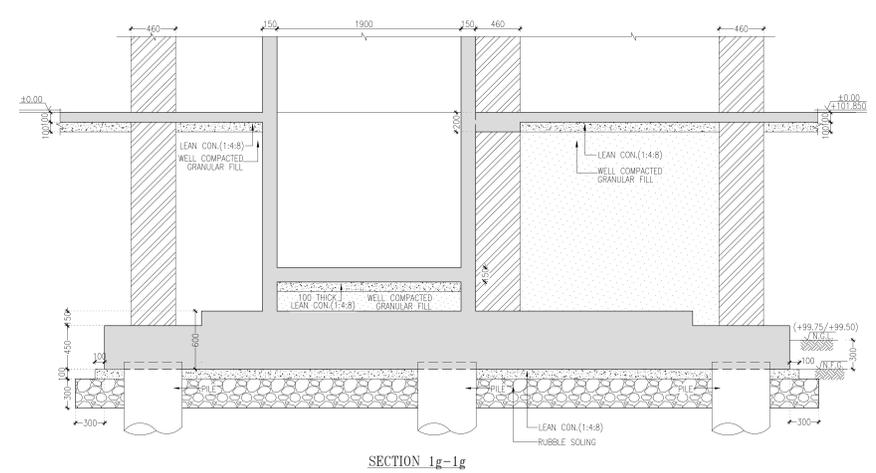
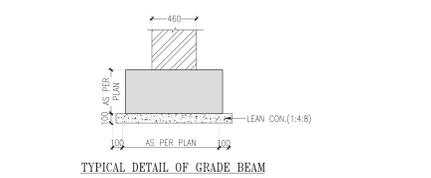
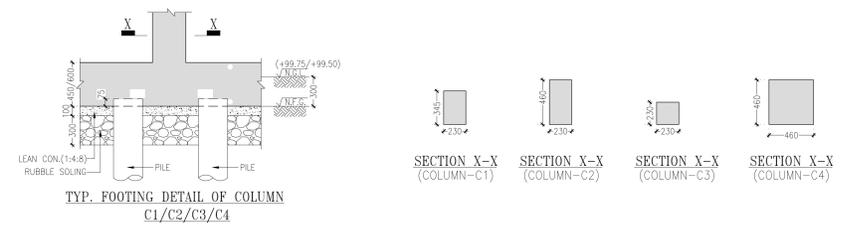


PILE CAP AND GRADE BEAM LAYOUT



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**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.

**DIMENSION:** ALL DIMENSIONS ARE MM AND LEVELS ARE IN METERS.

**FOUNDATION:** ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.

**PILE:** PILING WORK TO BE DONE AS PER IS 2911-2010.

**MASONRY SPEC:** ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO SLAB LEVEL WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm<sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED.

**REINFORCEMENT:** BRICK MASONRY SHALL BE SETTED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.

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

**COVER:** CLEAR COVER TO MAIN STEEL IS AS FOLLOWS:  
 PILES : 50 mm  
 PILE CAP : 40 mm  
 GRADE BEAM : 30 mm  
 FOOTINGS : 50 mm  
 SLABS & TOP : 50 mm  
 BOTTOM : 25 mm  
 COLUMNS & PEDESTALS : 40 mm  
 BEAMS & LATELS : 30 mm  
 SLABS : 25 mm

**REINFORCEMENT:** REINFORCEMENT 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 : 40 mm  
 GRADE BEAM : 30 mm  
 FOOTINGS : 50 mm  
 SLABS & TOP : 50 mm  
 BOTTOM : 25 mm  
 COLUMNS & PEDESTALS : 40 mm  
 BEAMS & LATELS : 30 mm  
 SLABS : 25 mm

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

**SPECIAL NOTE:** THE BUILDING IS DESIGNED FOR 4-5 STOREYS ONLY AND NO FUTURE PROVISION IS CONSIDERED.

**LEGENDS:**  
 [Symbol] COLUMN/WALL STARTS FROM THIS LEVEL.  
 [Symbol] 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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**Project**  
 Nalanda University, Rajgir, Bihar

**Title**  
 STRUCTURAL GA DRAWINGS OF GRADE BEAM & PILE CAP LAYOUT AND DETAILS FOR FACULTY HOUSING (APPT TYPE-3)

**Dealt :** HS      **Drawing No.:** NUC-FAH(3)-S-A-2

**Checked :** AJ

**Scale :** 1:50, 1:25

**Date :** 07/09/2016

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