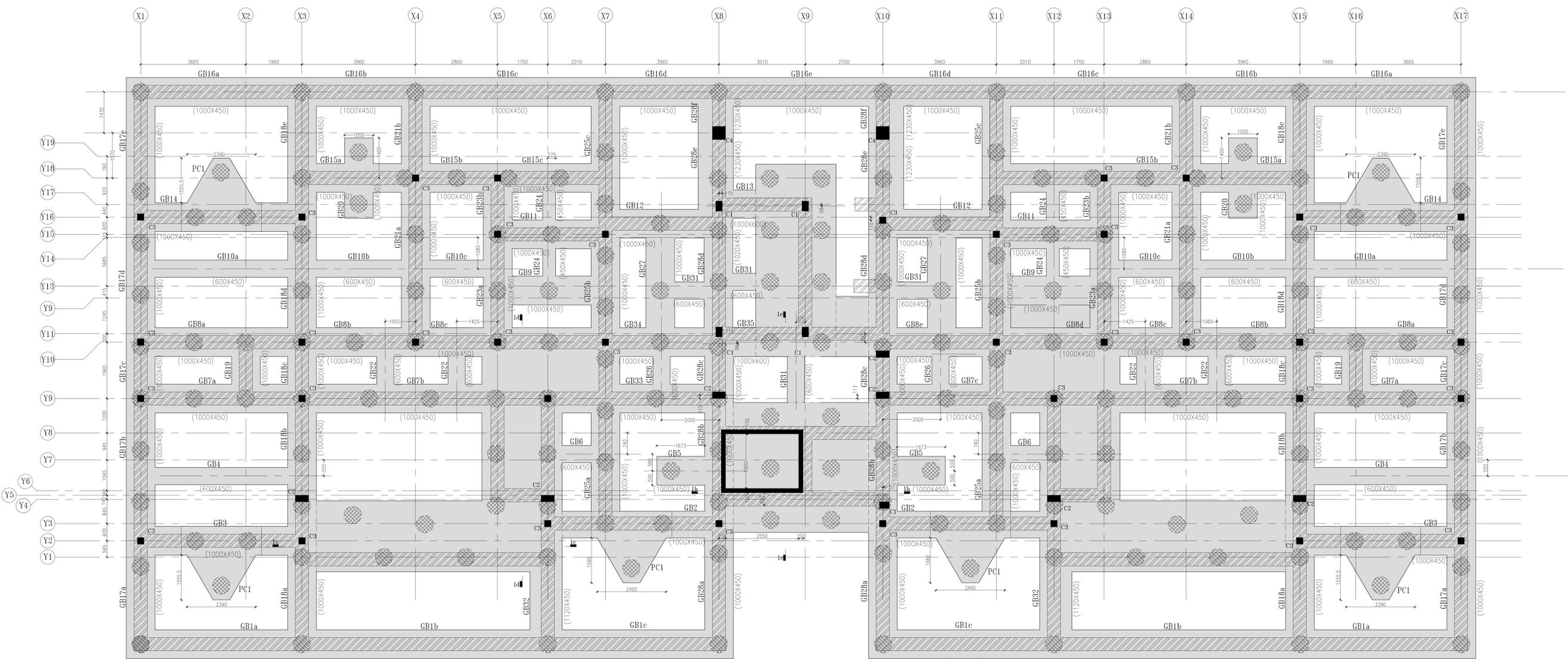
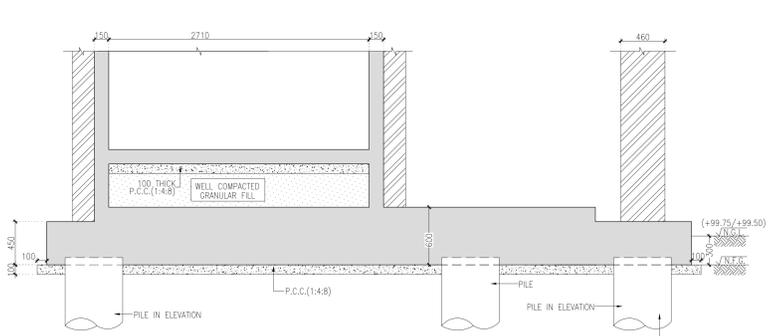


THIS DRAWING IS THE PROPERTY OF VINOD SHAH Consulting Engineers Pvt. Ltd. AND NOT TO BE COPIED OR USED WITHOUT THEIR PERMISSION.

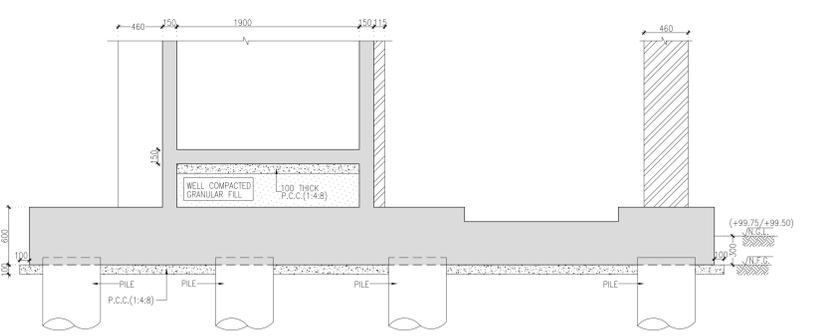
NOTES:	REMARKS
REFERENCE	ALL DIMENSIONS TO BE CHECKED AND CORRECTED WITH ALL RELATED DIMENSIONS AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEERS BEFORE COMMENCEMENT OF THE WORK.
EMERSON	ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS.
FOUNDATION	ALL DIMENSIONS ARE TO BE READ AND NOT TO BE REACHED.
FILES	FLING WORK TO BE DONE AS PER IS 2911-2010.
MASONRY	FLING ON BOTH SIDES OF WALL WHEN REQUIRED SHALL BE BLENDED IN STAGES AND LAYERS.
MASONRY SPEC.	ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO SLI LEVEL WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm <sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED.
CONC.	BRICK MASONRY SHALL BE BEDDED WITH EXIST. SAND WORKER IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.
CONC. BLOCK	ALL CONCRETE WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILIZED EARTH BLOCK WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm <sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED.
MASONRY SPEC.	CONCRETE MASONRY SHALL BE BEDDED WITH EXIST. SAND WORKER IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.
CONC.	PROX TEST IS RECOMMENDED TO ENSURE THE EFFICIENCY OF MASONRY WALL AGAINST COMPRESSED STABILIZED EARTH BLOCK.
REINFORCEMENT	SPECIAL CONCRETE MIX NOS UNLESS OTHERWISE SPECIFIED.
REINFORCEMENT	W INDICATES 100 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 BOTTOM : 50 mm TOP : 50 mm COLUMNS & PEDESTALS : 40 mm BEAMS & LEVELS : 30 mm SLABS : 25 mm
LAP LENGTH	LAP LENGTH IS FIFTY TIMES BAR DIAMETER.
SPECIAL NOTE:	THE BUILDING IS DESIGNED FOR G+3 STOREYS ONLY AND NO FUTURE PROVISION IS CONSIDERED.
LEGENDS:	<ul style="list-style-type: none"> <li>□ COLUMN/WALL STARTS FROM THIS LEVEL</li> <li>▨ COLUMN/WALL STOPS AT THIS LEVEL</li> </ul>



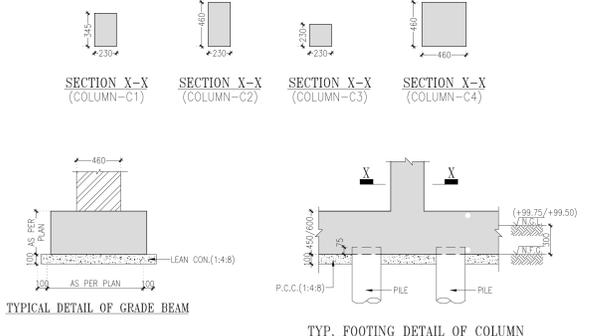
GRADE BEAM LAYOUT



SECTION 1h-1h

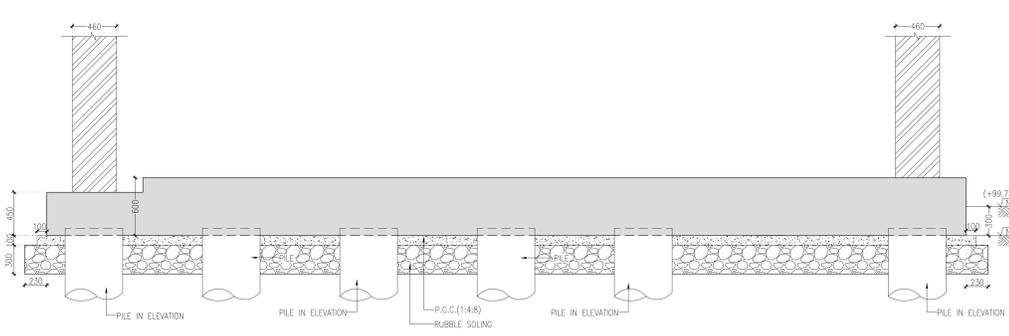


SECTION 1e-1e

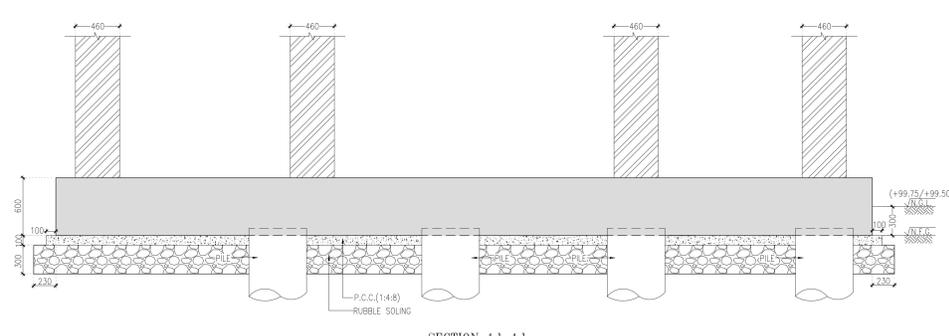


TYPICAL DETAIL OF GRADE BEAM

TYP. FOOTING DETAIL OF COLUMN C1/C2/C3/C4



SECTION 1c-1c



SECTION 1d-1d

FOR TENDER PURPOSE ONLY

No.	Date	Remarks

- Consultants
- Structural Consultants: VINOD SHAH Consulting Engineers Pvt. Ltd.
  - Services Consultants: DBMS
  - Landscape Consultants: Earthscapes Consultancy Pvt Ltd
  - Road and Pathways Consultants: Arhmm Infra Consultants LLP

Project: **Nalanda University, Rajgir, Bihar**

Title: **STRUCTURAL GA DRAWING OF GRADE BEAM & PILE CAP LAYOUT AND DETAILS FOR FACULTY HOUSING (APPT TYPE-1B)**

Dealt : KP      Drawing No. : NUC-FAH(1B)-S-A-2

Checked : AJ

Date : 07/05/2016

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