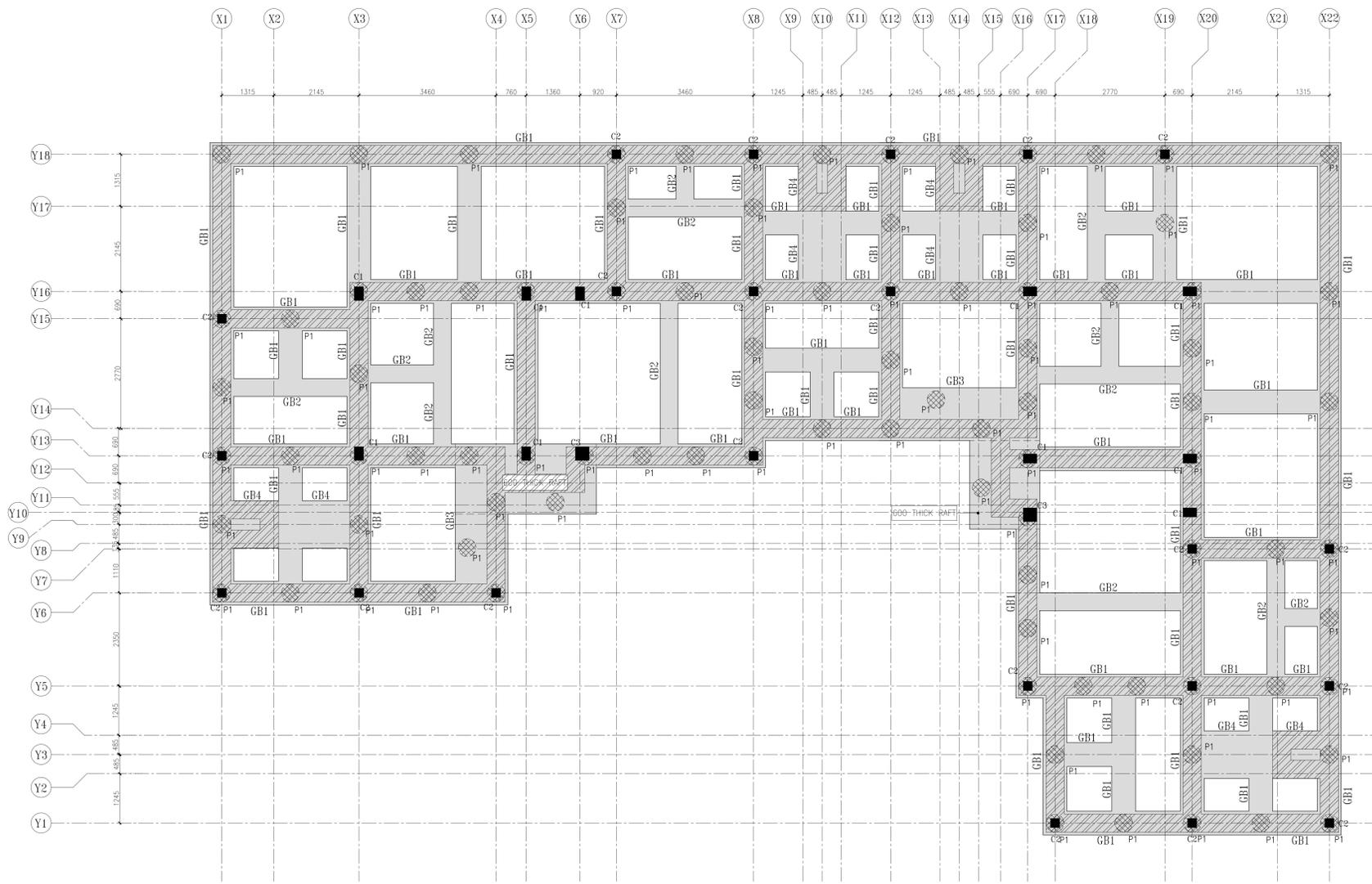
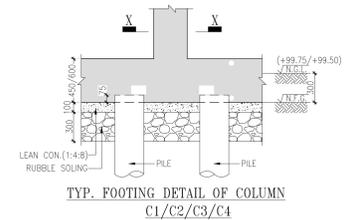


NOTES:	REMARKS
REFERENCE	ALL DIMENSIONS TO BE CHECKED AND CORRELATED WITH ALL RELATED DRAWINGS AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEER BEFORE COMMENCEMENT OF THE WORK.
FOUNDATION	ALL DIMENSIONS ARE MM AND LEVELS ARE IN METERS.
FOUNDATION PILES	ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
FOUNDATION PILES	PILE WORK TO BE DONE AS PER IS 2911-2010.
FOUNDATION PILES	INITIAL AND ROUTINE TEST OF PILES TO BE CARRIED OUT AS PER IS 2911 (Part-04)-1985.
FOUNDATION PILES	PILE WORK ON BOTH SIDES OF WALL WHEN REQUIRED SHALL BE BALANCED IN STAGES AND LAYERS.
MASONRY	ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO SILL LEVEL WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm ² ON GROSS AREA UNLESS OTHERWISE SPECIFIED.
MASONRY	BRICK MASONRY SHALL BE BEDDED WITH CEMENT - SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.
MASONRY	ALL CSEB MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILIZED EARTH BLOCK WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm ² ON GROSS AREA UNLESS OTHERWISE SPECIFIED.
MASONRY	CSEB MASONRY SHALL BE BEDDED WITH CEMENT - SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.
MASONRY	PROOF TEST IS RECOMMENDED TO ENSURE THE EFFICIENCY OF MASONRY WALL AGAINST COMPRESSED STABILIZED EARTH BLOCK.
CONC. SPEC.	ALL CONCRETE MIX M25 UNLESS OTHERWISE SPECIFIED.
REINFORCEMENT	Ø INDICATES DIA. STEEL (IN MM) OF YIELD STRENGTH 500 N/mm ² .
REINFORCEMENT	CLEAR COVER TO MAIN STEEL IS AS FOLLOWS:
REINFORCEMENT	PILES : 50 mm
REINFORCEMENT	PILE CAP : 80 mm
REINFORCEMENT	GRADE BEAM : 30 mm
REINFORCEMENT	FOOTINGS : 50 mm
REINFORCEMENT	DECK & TOP : 50 mm
REINFORCEMENT	BOTTOM : 50 mm
REINFORCEMENT	COLUMNS & PEDESTALS : 40 mm
REINFORCEMENT	BEAMS & LINTELS : 30 mm
REINFORCEMENT	SLABS : 25 mm
REINFORCEMENT	LAP LENGTH IS FIFTY TIMES BAR DIAMETER.
LAP/ SPLICES	
LEGENDS:	
LEGENDS:	▨ COLUMN/WALL STARTS FROM THIS LEVEL.
LEGENDS:	▨ COLUMN/WALL STOPS AT THIS LEVEL.

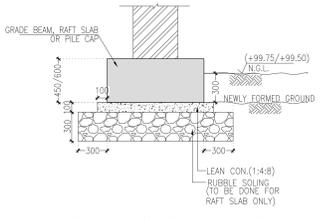


GRADE BEAM LAYOUT

COLUMN SCHEDULE		GRADE BEAM SCHEDULE	
COLUMN	SIZE	BEAM	SIZE
C1	230x345	GB1	600x600
C2	230x230	GB2	450x600
C3	345x345	GB3	1329x600
		GB4	1200x600



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



TYPICAL SECTION OF GRADE BEAM, RAFT SLAB OR PILE CAP

FOR TENDER PURPOSE ONLY

Date	Remarks

Revisions

Date	Prints Issued to	Date	Prints Issued to

Distribution of Prints

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Structural Consultants
VINOD SHAH Consulting Engineers Pvt. Ltd.

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Landscape Consultants
Earthscapes Consultancy Pvt Ltd

Road and Pathways Consultants
Aahm Infra Consultants LLP

Project
Nalanda University, Rajgir, Bihar

STRUCTURAL G.A. DRAWINGS OF GRADE BEAM LAYOUT & DETAILS FOR STUDENT HOUSING (TYPE-12)

Dealt : HS
Checked : AJ
Date : 09/06/2016

Drawing No.
NUC-RSH - S - A.12.2

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