



GRADE BEAM LAYOUT

BEAM SCHEDULE	
BEAM NO.	BEAM SIZE
GB1	(450X450)

COLUMN SCHEDULE	
COLUMN NO.	COLUMN SIZE
C1	230X345
C2	345X345

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 ENGINEERS BEFORE COMMENCEMENT OF THE WORK.
DIMENSION	ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
FOUNDATION	ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN METR. ALL EXCAVATIONS FOR FOUNDATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING OF CONCRETE. FOUNDATION DEPTH SHALL BE FREE FROM PLANT ROOTS, BUT IN ALL CASES FINAL DEPTHS SHALL BE AGREED UPON WITH THE ENGINEER. FOUNDATIONS TO BE CONSTRUCTED IN DRY SOIL CONDITION. IN NO CASE THE CONCRETING WORK TO BE DONE IN SUBMERGED WATER CONDITIONS. FILLING ON BOTH SIDES OF WALL WHEN REQUIRED SHALL BE BALANCED IN STAGES & LAYERS.
SOULT CLAY MASONRY SPEC.	ALL BRICK MASONRY WALLS SHALL BE CONSTRUCTED FROM BRICKS WITH MINIMUM CRUSHING STRENGTH OF 7.5 N/mm ² ON GROSS AREA UNLESS OTHERWISE SPECIFIED.
CSEB MASONRY SPEC.	ALL CSEB MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED EARTH BLOCK WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm ² ON GROSS AREA UNLESS OTHERWISE SPECIFIED.
CONC. SPEC.	ALL CONCRETE MIX M25 UNLESS OTHERWISE SPECIFIED.
REINFORCEMENT	REINFORCE TMT STEEL YIELD STRENGTH 500 N/mm ² MIN.
COVER	CLEAR COVER TO MAIN STEEL IS AS FOLLOWS: FOOTINGS : SIDES & TOP : 50 mm BOTTOM : 50 mm COLUMNS & PEDESTALS : 40 mm BEAMS & LINTELS : 30 mm SLABS : 25 mm
APS/ SPLICES	LAP LENGTH IS FIFTY TIMES BAR DIAMETER.
SPECIAL NOTE	THIS BUILDING IS DESIGNED FOR 0+1 STOREY ONLY & NO FUTURE PROVISION IS CONSIDERED.

LEGENDS:

	WALL STARTS FROM THIS LEVEL.
	WALL STOPS AT THIS LEVEL.

FOR TENDER PURPOSE ONLY

No.	Date	Remarks

- Consultants
- **Structural Consultants**
VINOD SHAH Consulting Engineers Pvt. Ltd.
 - **Services Consultants**
DBHMS
 - **Landscape Consultants**
Earthscapes Consultancy Pvt.Ltd
 - **Road and Pathways Consultants**
Anmm Intra Consultants LLP

Project
Nalanda University, Rajgir, Bihar

Title
STRUCTURAL GA DRAWINGS OF GRADE BEAM LAYOUT & DETAILS FOR FACULTY HOUSING (ROW HOUSE TYPE) (2-Units)

Drawn by : HS	Drawing No. : NUC-FRH-S-A.2
Checked by : AJ	Scale : 1:50, 1:25
Date : 07/09/2016	

VASTU SHILPA CONSULTANTS
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