



GRADE BEAM LAYOUT

DETAIL	REMARKS
REFERENCE	ALL DIMENSIONS TO BE CHECKED AND CORRECTED 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 THE SIDES OF WALL WHEN REQUIRED SHALL BE BALANCED IN STAGES & LAYERS.
SOLENT CLAY BRICK MASONRY SPEC.	ALL BRICK MASONRY WALLS SHALL BE CONSTRUCTED FROM BRICKS WITH MINIMUM 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.
CSEB MASONRY SPEC.	ALL CSEB MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED EARTH BLOCK 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.
CONC. SPEC.	ALL CONCRETE MIX M25 UNLESS OTHERWISE SPECIFIED.
REINFORCEMENT	INDICATE TMT STEEL YIELD STRENGTH 500 N/mm <sup>2</sup> 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
APPS/ SPLICES	LAP LENGTH IS FIFTY TIMES BAR DIAMETER.
SPECIAL NOTE	THIS BUILDING IS DESIGNED FOR G+1 STOREY ONLY & NO FUTURE PROVISION IS CONSIDERED.
LEGENDS	<ul style="list-style-type: none"> <li>WALL STARTS AT THIS LEVEL.</li> <li>WALL STOPS AT THIS LEVEL.</li> </ul>

FOR TENDER PURPOSE ONLY

No.	Date	Remarks

Date:    Prints Issued to:    Date:    Prints Issued to:    Distribution of Prints:

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

Project  
**Nalanda University, Rajgir, Bihar**

Title  
**STRUCTURAL GA DRAWINGS OF GRADE BEAM LAYOUT & DETAILS FOR FACULTY HOUSING (ROW HOUSE TYPE) (3-Units)**

Dealt : HS    Drawing No.  
Checked : AJ    NUC: FRH - S-B.2  
Date : 07/09/2016

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

  

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

**VASTU SHILPA CONSULTANTS**  
Architects | Planners | Urban Designers

\*Sanganli, Thaltei Road, Ahmedabad - 380054  
Phone: 079-27454537 Fax: 079-27452006  
www.sanganli.org e-mail: vsc@sanganli.org