



NOTE:

- DO NOT SCALE THIS DRAWING FOLLOW FIGURED DIMENSIONS
- ALL THE DIMENSIONS ARE IN INCHES & FEET. REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS
- THIS BUILDING IS DESIGNED FOR TWO CELLAR +GROUND+TINE FLOORS ONLY.
- S.B.C. OF SOIL IS TAKEN 400KN/SQ.M AS PER REPORT
- USE M25 (1:1:2) GRADE CONCRETE FOR COLUMNS & M20 ((1:1.5:3) FOR BEAMS & SLAB
- USE FE 500 GRADE TOP STEEL.
- PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS .
- BEAMS & 3/4" FOR SLAB
- LAP LENGTH INCLUDING ANCHORAGE VALUE OF HOOKS
- FOR BARS IN FLEXURAL TENSION SHALL BE LD
- WHICHEVER IS GREATER. THE STRAIGHT LENGTH OF THE LAP SHALL NOT BE LESS THAN 150 OR 200MM.
- LAP LENGTH SHALL BE CALCULATED ON THE BASIS OF
- DIAMETER OF THE SMALLER BAR.
- LAP / DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS FOR DIFFERENT GRADES
- CONCRETE MIX SHALL BE AS FOLLOWS:
- STEEL GRADE M20 M25
- Fe 415 47 d
- Fe 500 34 d
- Fe 500 57 d
- 46 d 40 d
- WHERE d IS THE DIAMETER OF THE BAR.
- ANY LOOSE OR PROTRUDING BUILDERS SHALL BE REMOVED BEFORE
- LAYING FOUNDATION CONCRETE AND SHALL BE FILLED WITH P.C.C.
- CONCRETE SHALL BE VIBRATED FOR OBTAINING OPTIMUM DENSITY.
- THE DIFFERENCE IN LEVELS OF DEPTH OF FOOTING SHALL NOT BE GREATER THAN HALF
- CLEAR DISTANCE BETWEEN THEM.
- STRIPPS SHOULD HAVE STANDARD HOOK AS PER SP-34.
- THE PROVISIONS MADE IN IS: 456-2000 AND SP-34 AND OTHER RELEVANT CODES SHOULD BE STRICTLY
- ADHERED DURING EXECUTION .
- IF ANY VARIATION IN SOIL STRATA FOUND DURING THE
- EXECUTION OF THE FOUNDATION SOILS. WHEN COMPARED WITH THE CONSIDERED STRATA IT SHOULD BROUGHT TO THE NOTICE OF

DATE	25-7-2016	BLOCK - (E)
DRAWN BY	PAVAN	TITLE: LOWER CELLAR BEAM SECTION DETAILS
DESIGN	SMRANTH	DWG. NO.
CHECKED	KILKARNI	KC/MBC/SD/E/6
APPROVED		REV. NO. 0

Client	MODI PROPERTIES & INVESTMENTS PVT.LTD
Project	RESIDENTIAL PROJECT FOR (B & C) MAY FLOWER GRADE AT MALLAPUR.
STRUCTURAL CONSULTANT	KULKARNI CONSULTANTS
STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS.	
CONTACT NO.:	9866242891, 9826953751, 9258532526.

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