



SEC : (9" x 18") SEC : (9" x 21") SEC : (9" x 24")

<p>NOTE:</p> <ol style="list-style-type: none"> 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 +ROUND+NINE FLOORS ONLY. S.B.C. OF SOIL IS TAKEN 400KN/SQ.M AS PER SOIL REPORT USE M25 (1:1:2) GRADE CONCRETE FOR COLUMNS & M20 (1:1.5:3) FOR BEAMS & SLAB USE FE 500 GRADE TOR STEEL. PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS, 1" FOR 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 15Ø OR 200mm. WHEN BARS OF TWO DIFFERENT DIAMETERS ARE TO BE SPUNDED, THE LAP LENGTH SHALL BE CALCULATED ON THE BASIS OF THE SMALLER BAR. DIAMETER OF THE SMALLER BAR. LAP / DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS FOR DIFFERENT GRADES OF CONCRETE MIX SHALL BE AS FOLLOWS: <table border="1"> <tr> <td>M20</td> <td>M25</td> <td>M30</td> </tr> <tr> <td>Fe 415</td> <td>Fe 500</td> <td>Fe 577</td> </tr> <tr> <td>38 d</td> <td>34 d</td> <td>34 d</td> </tr> <tr> <td>41 d</td> <td>34 d</td> <td>34 d</td> </tr> <tr> <td>49 d</td> <td>40 d</td> <td>40 d</td> </tr> <tr> <td>46 d</td> <td>40 d</td> <td>40 d</td> </tr> </table> <ol style="list-style-type: none"> 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 THE CLEAR DISTANCE BETWEEN THEM. STIRRUPS 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 ENGINEER IN CHARGE AND CONSULTANTS FOR REMAINING FOUNDATIONS. <p>CHARGE AND CONSULTANTS FOR REMAINING FOUNDATIONS: _____ DATE: _____</p> <p>S.B.C. OF SOIL IS TAKEN 400KN/SQ.M AS PER REPORT NO. GT/0260/2009-10/VISIT ON 28-02-2010</p> <p>GFC BORE POINTS /REFER BORE HOLES (5 & 6)</p>		M20	M25	M30	Fe 415	Fe 500	Fe 577	38 d	34 d	34 d	41 d	34 d	34 d	49 d	40 d	40 d	46 d	40 d	40 d	<p>Client</p> <p>MODI PROPERTIES & INVESTMENTS PVT.LTD</p>		<p>Project</p> <p>RESIDENTIAL PROJECT FOR (B & C) MAY FLOWER GRANDE AT MALLAPUR.</p>		<p>STRUCTURAL CONSULTANT</p> <p>KULKARNI CONSULTANTS</p> <p>STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS #216, KUBERA TOWERS, NARAYAN GODA HYDROBAD, CONTRACT NO. SP/03/03/01, 02/03/03/02, 03/03/03/03, 04/03/03/04</p>		<p>DATE 25-7-2016</p> <p>DRAWN BY PAVANI</p> <p>DESIGN SRIRAMNH</p> <p>CHECKED KILKARNI</p> <p>APPROVED KILKARNI</p>		<p>TITLE: LOWER CELLAR BEAM</p> <p>LAY-OUT</p> <p>DWG. NO. KC/MBC/SD/E/4</p> <p>REV. NO. 0</p>	
M20	M25	M30																											
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