



Reference Hatch projection Slab projections
 Leave rods @ beam bottom
 elevation projection
 M for

NOTE:
 1. DO NOT SCALE THIS DRAWING FOLLOW FIGURED DIMENSIONS
 2. ALL THE DIMENSIONS ARE IN INCHES & FEET.
 3. REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS
 4. THIS BUILDING IS DESIGNED FOR TWO CELLAR +GROUND+NINE FLOORS ONLY.
 5. S.B.C. OF SOIL IS TAKEN 400 KN/SQM AS PER SOIL REPORT
 6. USE M25 (1:1:2) GRADE CONCRETE FOR COLUMNS & M20 (1:1.5:3) FOR BEAMS & SLAB
 7. USE FE 500 GRADE TOR STEEL.
 8. PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS, 1" FOR BEAMS & 3/4" FOR SLAB
 9. LAP LENGTH INCLUDING ANCHORAGE VALUE OF HOOKS FOR BARS IN FLEXURAL TENSION SHALL BE L_d OR 30Ø 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 SPLICED, THE LAP LENGTH SHALL BE CALCULATED ON THE BASIS OF DIAMETER OF THE SMALLER BAR.
 10. LAP / DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS FOR DIFFERENT GRADES OF CONCRETE MIX SHALL BE AS FOLLOWS:
 STEEL GRADE M20 M25 M30 M35
 Fe 415 47 d 41 d 38 d 34 d
 Fe 500 57 d 49 d 46 d 40 d
 11. WHERE d IS THE DIAMETER OF THE BAR.
 12. ANY LOOSE OR PROTRUDING BUILDERS SHALL BE REMOVED BEFORE
 13. LAYING FOUNDATION CONCRETE AND SHALL BE FILLED WITH P.C.C.
 14. CONCRETE SHALL BE VIBRATED FOR OBTAINING OPTIMUM DENSITY.
 15. THE DIFFERENCE IN LEVELS OF ADJACENT FOOTING SHALL NOT BE GREATER THAN HALF THE CLEAR DISTANCE BETWEEN THEM.
 16. STIRRUPS SHOULD HAVE STANDARD HOOK AS PER SP-34.
 17. THE PROVISIONS MADE IN IS: 456-2000 AND SP-34 AND OTHER RELEVANT CODES SHOULD BE STRICTLY ADHERED DURING EXECUTION.
 18. IF ANY VARIATION IN SOIL STRATA FOUND DURING THE EXECUTION OF THE FOUNDATION SOLS. WHEN COMPARED WITH THE CONSIDERED STRATA IT SHOULD BROUGHT TO THE NOTICE OF ENGINEER IN CHARGE AND CONSULTANTS FOR REVISING FOUNDATIONS.
 19. S.B.C. OF SOIL IS TAKEN 400 KN/SQM AS PER SOIL REPORT NO. GT/0260/2009-10/VISIT ON 29-02-2014
 BORE POINTS /REFER BORE HOLES (5 & 6)

DESCRIPTION	DATE
GFC DRAWING	

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 #216, KARNATA TOWERS, NARAYAN GODA, HOSUR ROAD, CHENNAI-600 089, INDIA. (0844)2527250, (0844)2527258
DATE	9-12-2016
DRAWN BY	PAVANI
DESIGN	SRIRAKSH
CHECKED	
APPROVED	KULKARNI
TITLE:	11th SLAB PROJECTIONS BEAM LAY-OUT
DWG. NO.	KC/MBC/SD/E/16
REV. NO.	0