



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. USE M25 (1:1:2) GRADE CONCRETE FOR COLUMNS & BEAMS
5. M20 (1:1.5:3) FOR BEAMS & SLAB
6. USE FE 500 GRADE TOR STEEL.
7. PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS, 1" FOR BEAMS & 3/4" FOR SLAB
8. LAP LENGTH INCLUDING ANCHORAGE VALUE OF HOOKS FOR BARS IN FLEXURAL TENSION SHALL BE 1d OR 30d WHICHEVER IS GREATER. THE STRAIGHT LENGTH OF THE LAP SHALL NOT BE LESS THAN 15d 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.
9. 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
Fe 500	57	d 49	d 46	d 40

10. WHERE d IS THE DIAMETER OF THE BAR.
11. ANY LOOSE OR PROTRUDING BUILDERS SHALL BE REMOVED BEFORE
12. LAYING FOUNDATION CONCRETE AND SHALL BE FILLED WITH P.C.C.
13. CONCRETE SHALL BE VIBRATED FOR OBTAINING OPTIMUM DENSITY.
14. THE DIFFERENCE IN LEVELS OF DEPTH OF ADJACENT FOOTING SHALL NOT BE GREATER THAN HALF THE CLEAR DISTANCE BETWEEN THEM.
15. STIRRUPS SHOULD HAVE STANDARD HOOK AS PER SP-34.
16. THE PROVISIONS MADE IN IS: 456-2000 AND SP-34 AND OTHER RELEVANT CODES SHOULD BE STRICTLY ADHERED DURING EXECUTION.
17. 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.
18. S.B.C. OF SOIL IS TAKEN 400KN/SQ.M AS PER SOIL REPORT NO. GT/0260/2009-10/VISIT ON 28-02-2014
19. BORE POINTS /REFER BORE HOLES ( 5 & 6)

DESCRIPTION	DATE

FOR REFERENCE

DATE	26-10-2017	DRAWN BY	PAVANI
DESIGN	SANTOSH	CHECKED	KILKARNI
APPROVED	KILKARNI	DWG. NO.	KC/MBC/SO/E/

Client: MODI PROPERTIES & INVESTMENTS PVT.LTD

Project: RESIDENTIAL PROJECT FOR (B & C) MAY FLOWER GRANDE AT MALLAPUR.

STRUCTURAL CONSULTANT'S: KILKARNI CONSULTANTS

STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS: KILKARNI CONSULTANTS

WZ16, RUBINA TOWERS, NARAYAN GODA, HYDRABAD. CONTACT NO: 9849353931, 9849353932, 9849353933

ENTRANCE RECEPTION SLAB BEAM SECTION DETAILS

REV. NO. 0