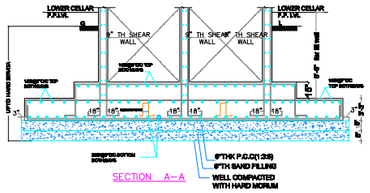
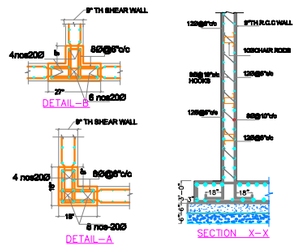
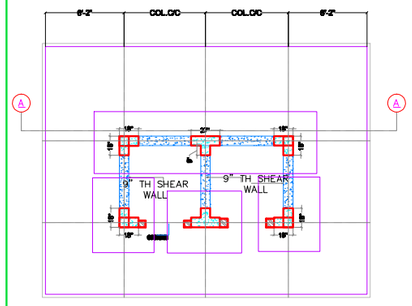
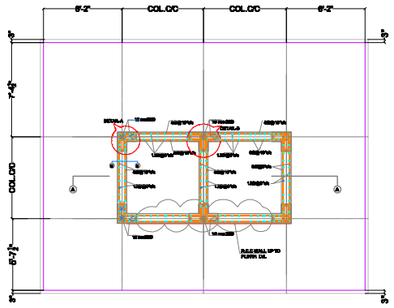


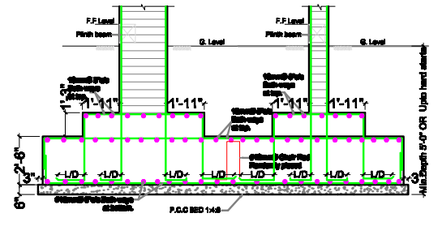




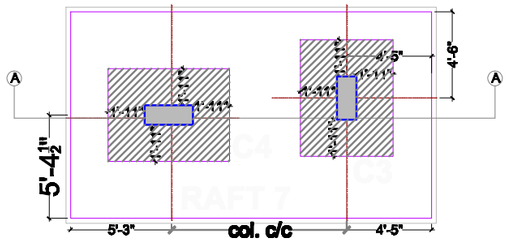
RAFT FOOTING (RF-9)



SHEAR WALL REINFORCEMENT DETAILS



SECTIO A-A



RAFT FOOTING (RF-7)

NOTE:

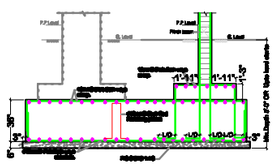
1. DO NOT SCALE THIS DRAWING FOLLOW FIGURED DIMENSIONS
2. ALL THE DIMENSIONS ARE IN INCHES & FEETS.
3. REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS & GRIDS
4. THIS BUILDING IS DESIGNED FOR TWO CELLAR +GROUND+NINE FLOORS ONLY.
5. S.B.C. OF SOIL IS 400.KN/SQ.M
6. USE M30 GRADE CONCRETE FOR COLUMNS & M25 (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 Ld 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:

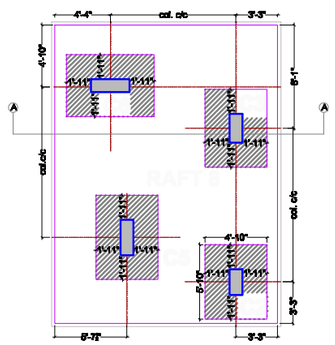
STEEL GRADE	M20	M25	M30	M35
Fe 415	47 d	41 d	38 d	34 d
Fe 500	57 d	49 d	46 d	40 d

WHERE d IS THE DIAMETER OF THE BAR.

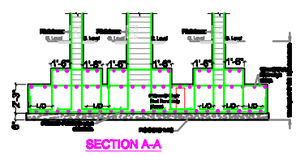
11. ANY LOOSE OR PROTRUDING BUILDERS SHALL BE REMOVED BEFORE
12. LAYING FOUNDATION CONCRETE AND SHALL BE FILLED WITH P.C.C.
13. CONCRETE SHALL BE VIBRATED FOR OBTAINING OPTIMUM DENSITY.
14. THE DIFFERENCE IN LEVELS OF DEPTH OF ADJACENT FOOTING SHALL NOT BE GREATER THAN HALF THE CLEAR DISTANCE BETWEEN 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 SOILS, WHEN COMPARED WITH THE CONSIDERED STRATA IT SHOULD BROUGHT TO THE NOTICE OF ENGINEER IN CHARGE AND CONSULTANTS FOR REVISING FOUNDATIONS.
18. LOADINGS: LOADS ARE TAKEN AS PER IS 875:1987
    i) Dead load = IS 875:1987 part i
    ii) Live load = IS 875:1987 part ii
    iii) Wind load = IS 875:1987 part iii
        Building location: Hyderabad
        Basic wind speed Vb: 44 m/s
        Probability factor k1: Table 1 IS 875:1987 part iii
        Terrain height and Structure size factor: Table 2 IS 875:1987 part iii
        Topography factor: Table 2 IS 875:1987 part iii
    iv) EARTH QUAKE = IS 1893:2002
        Building location: Hyderabad
        Zone: II
        Zone factor Z: 0.10
        Soil type: II(MEDIUM)
        Response reduction factor R:5
        Importance factor I:1.0

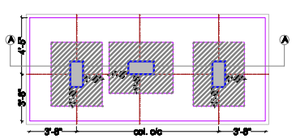
NOTE :- REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS



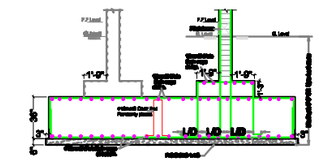


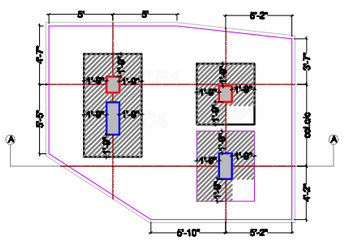
RAFT FOOTING (RF-8)



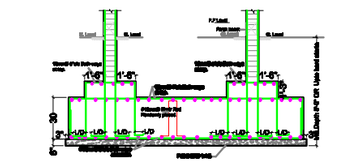


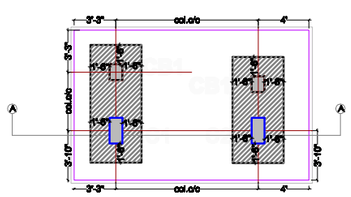
RAFT FOOTING (RF-10)



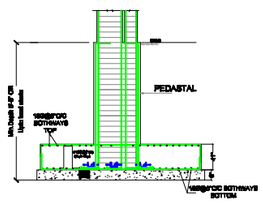


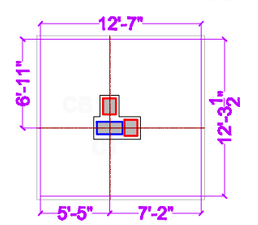
RAFT FOOTING (RF-11)





RAFT FOOTING (RF-12)





RAFT FOOTING (RF-13)

1. COLS FOOTING DETAILS	DATE - 09-04-19
DESCRIPTION	GOOD FOR CONSTRUCTION
Client	MODI PROPERTIES & INVESTMENTS PVT.LTD
Project	RESIDENTIAL PROJECT FOR MAY FLOWER PLATINIUM AT MALLAPUR.

STRUCTURAL CONSULTANT

KULKARNI CONSULTANT'S
STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS
#216, KUBERA TOWER'S, NARAYAN GUDA,HYDERABAD.
CONTACT NO'S:- 04023223891, 09246343724, 09246343720.

DATE	09-04-2019
DRAWN	SANISH
DESIGN	SANTOSH
CHECKED& APPROVED :	KULKARNI

TITLE: FOOTING DETAILS(3)

DWG. NO. KC/MP/SD/F/3 REV. No. 3

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