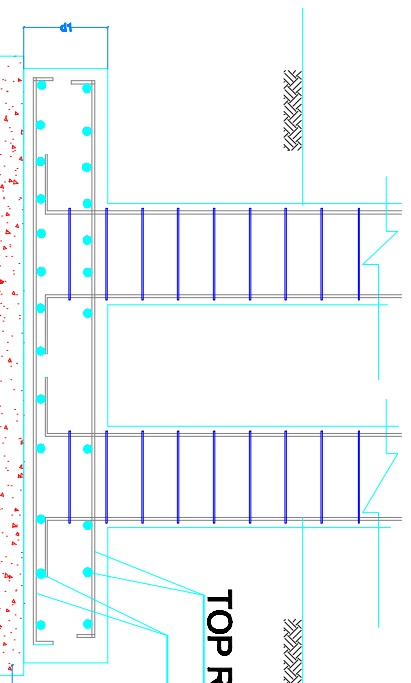


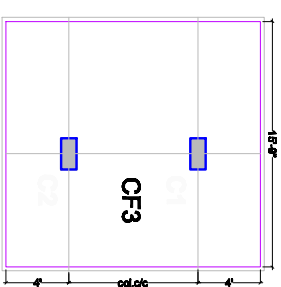
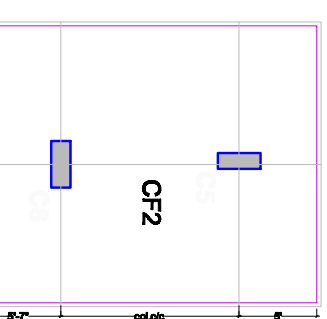
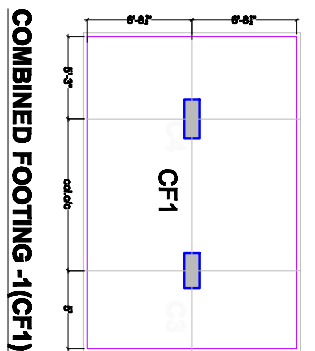
SIZE IN (B) DIRECTION



SECTION

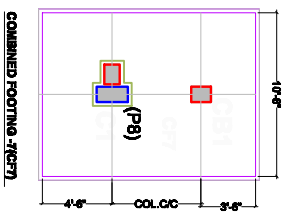
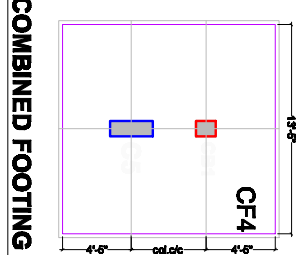
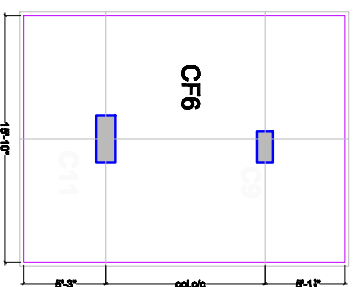
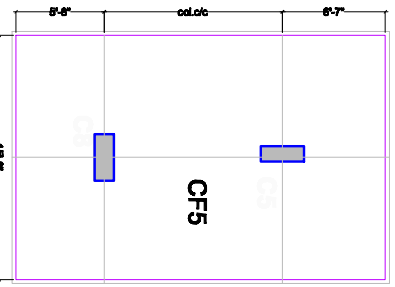
TYPICAL COMBINED FOOTING

SIZE IN (A) DIRECTION



COMBINED FOOTING -2(CF2)

COMBINED FOOTING -3(CF3)



COMBINED FOOTING -5(CF5)

COMBINED FOOTING -6(CF6)

COMBINED FOOTING -4(CF4)

COMBINED FOOTING -7(CF7)

COMBINED FOOTINGS SECTION DETAILS					
TYPE/NO	FTT SIZE	FOOTING SIZE (A X B)	DEPTH d	REINFORCEMENT ALONG LAB	
CF1	18'7"X19'11"	20'0"X15'8"	2'6"	160 @ 4" c/c BOTH WAYS, TOP & BOTTOM	
CF2	18'7"X22'8"	17'8"X22'8"	2'7"	160 @ 4" c/c BOTH WAYS, TOP & BOTTOM	
CF3	18'7"X16'8"	18'8"X16'8"	2'1"	160 @ 5" c/c BOTH WAYS, TOP & BOTTOM	
CF4	18'11"X14'1 1/2"	19'8"X15'7 1/2"	2'1"	160 @ 5" c/c BOTH WAYS, TOP & BOTTOM	
CF5	18'7"X24'7"	18'6"X23'6"	3'0"	160 @ 4" c/c BOTH WAYS, TOP & BOTTOM	
CF6	18'4"X21'11"	18'10"X20'7"	2'7"	160 @ 5" c/c BOTH WAYS, TOP & BOTTOM	
CF7	11'0"X14'2"	10'6"X13'9"	2'1"	160 @ 5" c/c BOTH WAYS, TOP & BOTTOM	

NOTE:

- DO NOT SCALE THIS DRAWING FOLLOW FIGURED DIMENSIONS
- ALL THE DIMENSIONS ARE IN INCHES & FEET.
- REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS & GRIDS
- THIS BUILDING IS DESIGNED FOR TWO CELLAR +GROUND+THINE FLOORS ONLY.
- S.B.C. OF SOIL IS 400 KN/SQM
- USE M30 GRADE CONCRETE FOR COLUMNS & M25 (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 OR 30d WHICHEVER IS GREATER. THE STRAIGHT LENGTH OF THE LAP SHALL NOT BE LESS THAN 150 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.
- LAP / DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS FOR DIFFERENT GRADES OF CONCRETE MIX SHALL BE AS FOLLOWS:

STEEL GRADE	M20, M25, M30, M35
F8 415	47 d 41 d 58 d 54 d
F8 500	57 d 49 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 ADJACENT 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 SOLLS, WHEN COMPARED WITH THE CONSIDERED STRATA IT SHOULD BROUGHT TO THE NOTICE OF ENGINEER IN CHARGE AND CONSULTANTS FOR REVISING FOUNDATIONS.
- LOADINGS: LOADS ARE TAKEN AS PER IS 875:1987

- Dead load = IS 875:1987 part I
- Live load = IS 875:1987 part II
- Wind load = IS 875:1987 part III
- 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
- i) EARTH QUAKE = IS 1893:2002
- Building location: Hyderabad
- Zone: II(MEDIUM)
- Zone factor Z: 0.10

NOTE :- ARCHITECT DRAWING FOR PREPARE LINE DIMENSIONS

1.	COLA FOOTING DETAILS	DATE: 11/12/18
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DESCRIPTION  
FINAL DRAWING SUBJECTED TO SOIL TEST REPORT.

Client  
MODI PROPERTIES & INVESTMENTS PVT.LTD

Project  
RESIDENTIAL PROJECT FOR MAY FLOWER PLATINIUM AT MALLAPUR.

STRUCTURAL CONSULTANT

**KUTAYANI CONSULTANTS**  
STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING CONSULTANTS  
OFFICE: 10/1, 10/2, 10/3, 10/4, 10/5, 10/6, 10/7, 10/8, 10/9, 10/10, 10/11, 10/12, 10/13, 10/14, 10/15, 10/16, 10/17, 10/18, 10/19, 10/20, 10/21, 10/22, 10/23, 10/24, 10/25, 10/26, 10/27, 10/28, 10/29, 10/30, 10/31, 10/32, 10/33, 10/34, 10/35, 10/36, 10/37, 10/38, 10/39, 10/40, 10/41, 10/42, 10/43, 10/44, 10/45, 10/46, 10/47, 10/48, 10/49, 10/50, 10/51, 10/52, 10/53, 10/54, 10/55, 10/56, 10/57, 10/58, 10/59, 10/60, 10/61, 10/62, 10/63, 10/64, 10/65, 10/66, 10/67, 10/68, 10/69, 10/70, 10/71, 10/72, 10/73, 10/74, 10/75, 10/76, 10/77, 10/78, 10/79, 10/80, 10/81, 10/82, 10/83, 10/84, 10/85, 10/86, 10/87, 10/88, 10/89, 10/90, 10/91, 10/92, 10/93, 10/94, 10/95, 10/96, 10/97, 10/98, 10/99, 10/100

DATE	30-04-2018	TITLE	COLUMN & FOOTING DETAILS(A)
DRAWN	SAIBH	CHK. NO.	KC/ABC/50/F/14
CHECKED	SAIBH	DATE	
APPROVED			