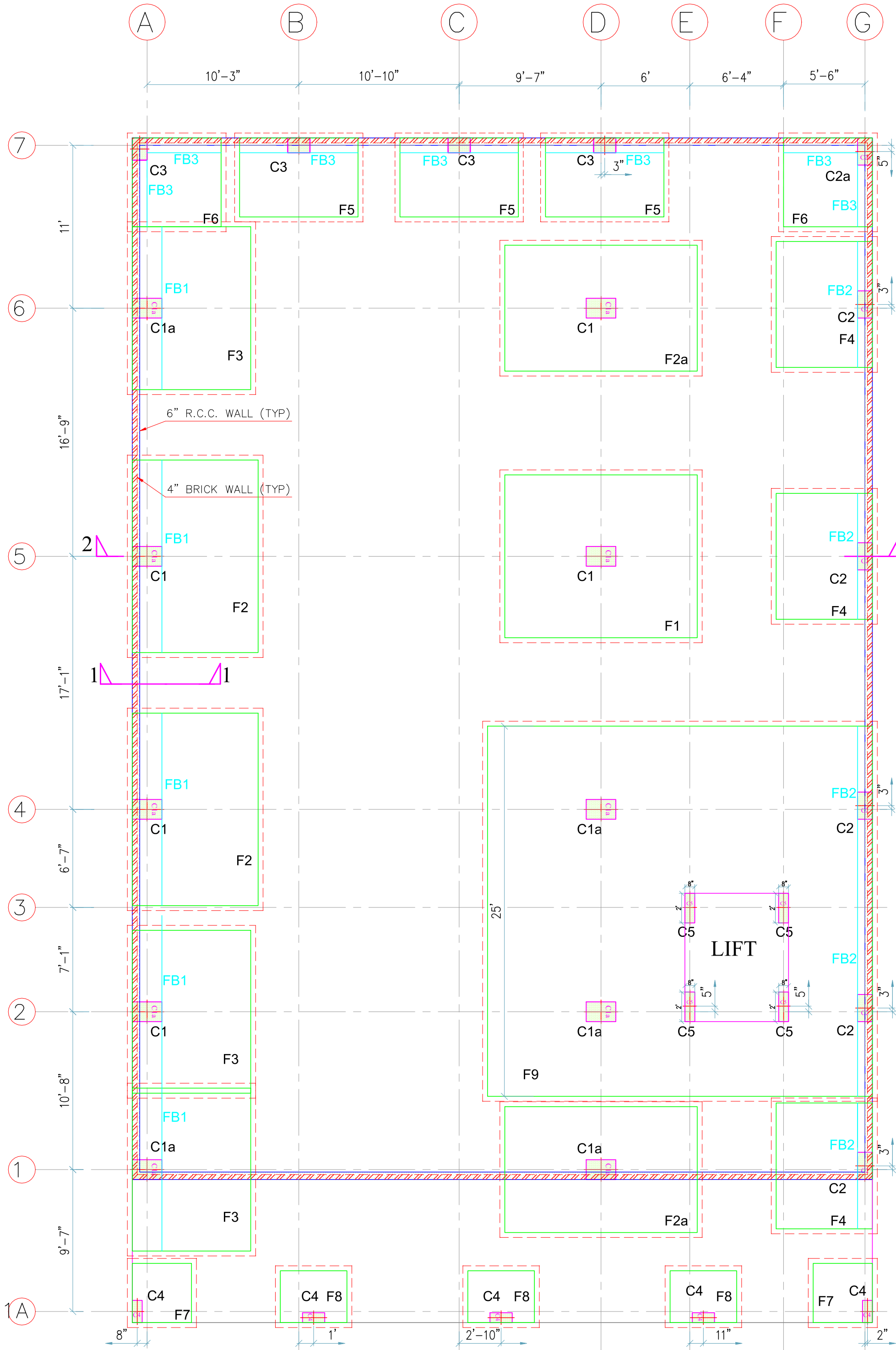




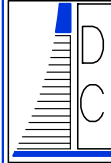
LAYOUT PLAN OF COLUMN , FOOTINGS & RAFT

SCHEDULE OF FOOTINGS

SR.NO	TYPE	FOOTING SIZE (IN FEET & INCHES)			BOTTOM REINFORCEMENTS	
		PCC (A+8'')x(B+8'')	RCC (A x B)	DEPTH	TO X-DIRECTION	TO Y-DIRECTION
1	F1	13'8" x 11'8"	13'0" x 11'0"	34"	16 Φ 4" C/C	16 Φ 4" C/C
2	F2	13'8" x 9'2"	13'0" x 8'6"	32"	16 Φ 4" C/C	16 Φ 4" C/C
3	F3	11'8" x 8'8"	11'0" x 8'0"	28"	16 Φ 4" C/C	16 Φ 4" C/C
4	F4	9'2" x 7'2"	8'6" x 6'6"	24"	12 Φ 4" C/C	12 Φ 4" C/C
5	F5	8'8" x 6'0"	8'0" x 5'4"	20"	12 Φ 4" C/C	12 Φ 4" C/C
6	F6	6'8" x 6'8"	6'0" x 6'0"	20"	12 Φ 4" C/C	12 Φ 4" C/C
7	F7	4'8" x 4'8"	4'0" x 4'0"	16"	10 Φ 5" C/C	10 Φ 5" C/C
8	F8	5'2" x 4'2"	4'6" x 3'6"	16"	10 Φ 5" C/C	10 Φ 5" C/C
9	F9	26'8" x 25'8"	26'0" x 25'0"	20"	TOP R/F.	BOTTOM R/F.
					16 Φ 5" C/C B/W	20 Φ 4" C/C B/W

SR.NO	TYPE	FOOTING SIZE (IN FEET & INCHES)			REINFORCEMENTS	
		PCC (A+8'')x(B+8'')	RCC (A x B)	DEPTH	TOP R/F.	BOTTOM R/F.
9	F9 FOR LIFT	26'8" x 25'8"	26'0" x 25'0"	20"	16 Φ 5" C/C B/W	20 Φ 4" C/C B/W

- GENERAL NOTES :-
- THESE NOTES SHALL BE APPLICABLE FOR ALL R.C.C. WORKS (UNO)
1. ALL DIMENSIONS ARE IN FEET INCHES.
2. DO NOT SCALE THE DRAWING , ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. ALL DIMENSIONS SHALL BE CHECKED AND CO-RELATED WITH THE ARCHITECTURAL DRAGS. AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT IN WRITTEN BEFORE COMMENCEMENT OF THE WORK.
4. CONCRETE MIX SHALL BE M20 (CHARACTERISTIC COMPRESIVE STRENGTH = 20 N/SQ MM.) CONFORMING TO IS: 456 - 2000
5. REINFORCEMENT SHALL BE HIGH STRENGTH DEFORMED BARS OF GRADE Fe : 415 (YIELD STRESS= 415 N/SQMM.) CONFORMING TO IS : 1786
6. ALL LAP LENGTH SHALL BE PROVIDED 56 TIMES THE DIA OF BARS (UNO)
7. ALL "L" BENDS SHALL BE OF 450 MM (UNLESS NOTED OTHERWISE)
8. CLEAR COVER TO REINFORCEMENT (INCLUDING RING) SHALL BE AS
BEAMS - 25 MM; COLUMNS - 25 MM FOR COL. SIZE UPTO 200 MM (b)
SLABS - 20 MM; 40 MM FOR COL. SIZE ABOVE 200 MM
FOOTING - 50 MM ;
9. ALL CONSTRUCTION WORK SHALL BE DONE AS PER DRAWING/ENGINEER INCHARGE
10. NOT MORE THAN HALF OF THE COLUMN REINFORCEMENTS SHALL BE LAPPED AT A SECTION.
11. ANY DEVIATION FROM STRUCTURAL DRAWINGS SHALL NOT BE ALLOWED.
12. SBC ASSUMED 12 T PER/SQ.M AS PER SITE CONDITION.
13. CONCRETE GRADE FOR CASTING IS AS BELOW;
- a) DESIGN CALCULATIONS ASSUMED FOR B+G+5 FLOOR ONLY.
- b) CONCRETE GRADE FOR COLUMN & FOOTING M-20 (1:1.5:3).

REV.	DESCRIPTION	DATE	BY
CLIENT	---	DRG. NO.	GEN-202-S-01
PROJECT	G+3 GARMENTS FACTORY	SIZE	A2 (SHEET-1)
LOCATION	READYMADE COMPLEX, INDORE	DATE	16-MAY-2018
R.C.C. DETAIL OF COLUMN , FOOTINGS & RAFT		DESIGN BY	SHRIKANT PAL
 Address:- 47 Savind nagar Opposite Hanuman Mandir, Attraction Point Building LG-2 Lower Ground, Kanadia Road, Indore e-mail: shrik.pal@gmail.com Cell: 0-9827389978, 0-9993089978		DREAM CREATION ENGINEER & ARCHITECTS RESIDENTIAL, COMMERCIAL, INDUSTRIAL	
		Rev.	2