

S.NO	FOOT NO.	FOOTING SIZE	FOUNDATION DETAILS				SIZE OF PEDASTAL
			D1	D2	D	BASE JALI	
1	F1	4'0"x4'0"	6"	4"	10"	MAIN:- 8 NOS 10# DIST:- 8 NOS 10#	2'1"x2'1"
2	F2	4'6"x5'0"	8"	4"	1'0"	MAIN:- 10 NOS 10# DIST:- 11 NOS 10#	
3	F3	5'2"x5'6"	8"	6"	1'2"	MAIN:- 11 NOS 10# DIST:- 12 NOS 10#	
4	F4	6'6"x6'10"	10"	6"	1'4"	MAIN:- 14 NOS 12# DIST:- 15 NOS 12#	
4	F5	7'0"x7'4"	10"	6"	1'4"	MAIN:- 15 NOS 12# DIST:- 16 NOS 12#	

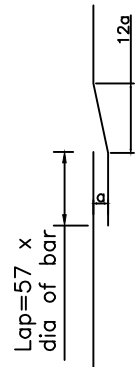
COL TYPE	COLUMN DETAILS SIZE AND REIN.	GR. TO 1 ST .	SIZE OF PEDASTAL
T1	COL-9"x15" BARS-8-12# RINGS-8 DIA @ 5" TO 8" C/C		2'1"x2'1"
T2	COL-9"x15" BARS-4-16#+ 4-12# RINGS-8 DIA @ 5" TO 8" C/C		2'5"x2'11"
T3	COL-9"x15" BARS-8-16# RINGS-8 DIA @ 5" TO 8" C/C		2'5"x2'11"
T4	COL-9"x18" BARS-10-16# RINGS-8 DIA @ 5" TO 8" C/C		2'5"x3'2"
T1A	COL-9"x9" BARS-6-12# RINGS-8 DIA @ 5" TO 8" C/C		2'1"x2'1"

NOTE

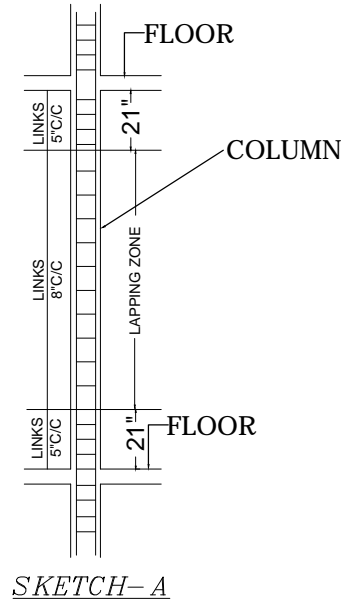
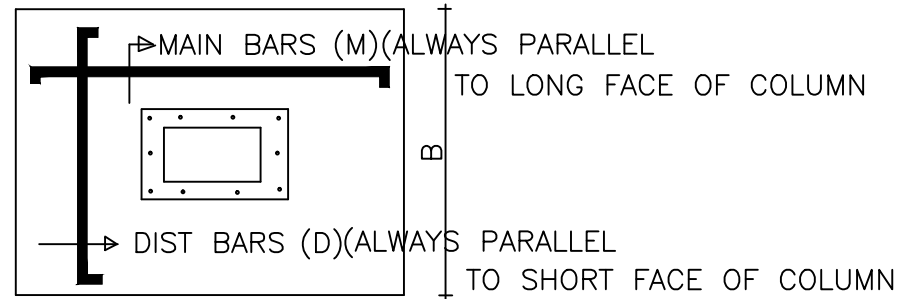
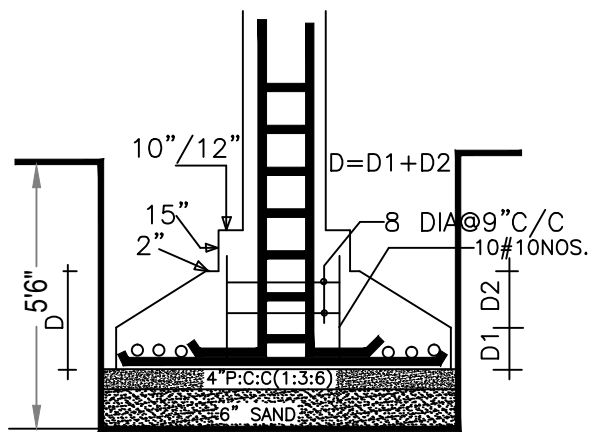
- 1) READ THIS DWG. ALONGWITH ARCHITECTURAL AND STRUCTURAL DWGS
- 2) DO NOT SCALE, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED
- 3) ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED AND CO-RELATED WITH RELEVANT ARCHITECTURAL DWGS IN CASE OF ANY AMBIGUITY THE MATTER SHALL BE BROUGHT TO THE NOTICE OF THE COSULTANT BEFORE STARTING THE WORK.
- 4) UNLESS SPECIFIED ALL THE STEEL SHALL BE OF HIGH YEILD DEFORMED COLD TWISTED BAR CONFORMING TO IS 1786-1986 YEILD STRENGTH OF 415 N/MM² HENCE EITHER TATA STEEL, SAIL STEEL OR SRMB STEEL SHALL BE USED
- 5) NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION
- 6) LAP LENGTH SHALL BE EQUAL TO L_d=57 TIMES THE DIA OF BAR AND SHALL BE AVOIDED IN THE FOLLOWING CASE
TOP BARS-NEAR SUPPORT, BOTTOM BARS-NEAR MID SPAN
- 7) ALL THE CONC. ARE OF GRADE M-200 AND CONC SHALL MACHINE MIXED AND MACHINE VIBRATED
- 8) COVER
a) FOUNDATION 2" FROM BOTTOM AND 1/2" FROM SIDE
b) COLUMN 1 1/2" FROM MAIN STEEL
c) BEAM 1" FROM SIDE
- 9) PROPER PLY SHUTTERING OR STEEL SHUTTERING SHALL BE USED TO GET GOOD QUALITY
- 10) SUFFICIENT CONC. CUBE TEST AND STEEL YIELD STRENGTH TEST TO BE PERFORMED FOR DIFFERENT BATCHES \$ REPORT SHALL BE SUBMITTED TO CONSULTANT IN TIME
- 11) USE 10% EXTRA CEMENT IN CONC. FOR CASTING UNDER WATER TABLE
- 12) GROSS BEARING CAPACITY OF THE SOIL HAS BEEN TAKEN AS 17 T/m² AT 5'6" BELOW ORIGINAL GROUND LEVEL.

NOTE:-

- 1.) FOUNDATION HAS BEEN DESIGN FOR G+1
- 2.) BEARING CAPACITY HAS BEEN TAKEN 18T /M2.
- 3.) FOR EARTH QUAKE, ZONE II HAS BEEN ASSUMED.



TYPICAL DETAILS OF LAP IN COLUMN



NOTE

- 1) SIZE SHOWN IN DWG. IS EXACT SIZE OF FOOTING SIZE OF CUTTING AND PCC TO BE INCREASED BY 5" FROM ALL SIDES FOR PROPER PLACEMENT OF REIN ETC.
- 2) DEPTH OF CUTTING SHALL BE 5'6" FROM NATURAL GROUND LEVEL
- 3) F1, F2----- INDICATES FOUNDATION NO
- 4) C1, C2----- INDICATES COLUMN NO
- 5) T1, T2----- INDICATES COLUMN TYPE