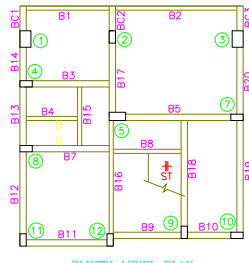


FOUNDATION LAYOUT PLAN



PLINTH LEVEL PLAN  
BUNG. NO.9A

BEAM NOS.	SIZE	S T E E L					
		BOTTOM STR	TOP			STIRRUPS	
			LEFT	MID	RIGHT		
B-1	150 X 450	2 Ø 12	--	2 Ø 8	--	Ø 8 @ 150-200 C/C	
B-2	150 X 450	3 Ø 12	--	2 Ø 8	--	Ø 8 @ 150-200 C/C	
B-3,7	230 X 450	4 Ø 12	2 Ø 16	2 Ø 12	--	Ø 8 @ 100-150 C/C	
B-4	150 X 300	2 Ø 12	--	2 Ø 8	--	Ø 8 @ 100-150 C/C	
B-5	230 X 450	4 Ø 16	2 Ø 16	2 Ø 16	--	Ø 8 @ 100-150 C/C	
B-8	150 X 450	2 Ø 12	--	2 Ø 10	--	Ø 8 @ 100-150 C/C	
B-9,10	230 X 450	2 Ø 12	2 Ø 10	2 Ø 10	2 Ø 10	Ø 8 @ 100-150 C/C	
B-11	230 X 450	4 Ø 12	2 Ø 16	2 Ø 12	2 Ø 16	Ø 8 @ 100-150 C/C	
B-12	230 X 450	3 Ø 12	2 Ø 12	2 Ø 12	2 Ø 12	Ø 8 @ 100-150 C/C	
B-13	230 X 450	2 Ø 12	2 Ø 12	2 Ø 8	2 Ø 12	Ø 8 @ 100-150 C/C	
B-14	230 X 450	2 Ø 12	--	2 Ø 16	--	Ø 8 @ 100 C/C	
B-C1	230 X 450	2 Ø 12	--	2 Ø 16	--	Ø 8 @ 100 C/C	
B-15	150 X 300	3 Ø 12	--	2 Ø 10	--	Ø 8 @ 100-150 C/C	
B-16	150 X 450	2 Ø 12	2 Ø 16	2 Ø 16	2 Ø 16	Ø 8 @ 100-150 C/C	
B-17	230 X 450	4 Ø 12	2 Ø 16	2 Ø 16	2 Ø 12	Ø 8 @ 100-150 C/C	
B-C2	230 X 450	2 Ø 12	--	2 Ø 16	--	Ø 8 @ 100 C/C	
B-19	230 X 450	4 Ø 12	2 Ø 12	2 Ø 10	--	Ø 8 @ 100-150 C/C	
B-20	230 X 450	3 Ø 12	2 Ø 12	2 Ø 10	2 Ø 12	Ø 8 @ 100-150 C/C	
B-20	230 X 450	4 Ø 12	2 Ø 12	2 Ø 16	2 Ø 12	Ø 8 @ 100 C/C	
B-C3	230 X 450	2 Ø 12	--	2 Ø 16	--	Ø 8 @ 100 C/C	

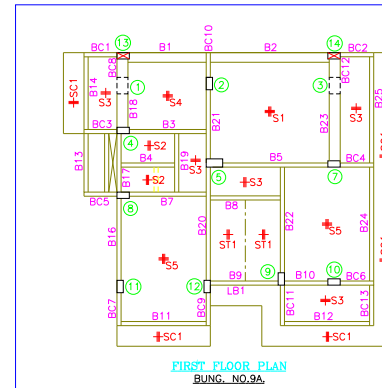
NOTES

BEARING CAPACITY OF SOIL-30 T./SQM.  
FOUNDATION REINFORCEMENT TO BE PROVIDED IN ALL PITS SIZE-300 LARGER THAN BASE OF FOOTING.  
P.C.C. IN FOUNDATION 150 TH. OF 1:2:4 PROPORATION.  
COLUMN RINGS-Ø8MM @ 100-150 C/C  
GRADE OF CONG. M-25.

COL. NOS.	FOUNDATION		PLINTH		GROUND		FIRST		SECOND		THIRD		
	BASE	D	d	SIZE	STEEL	SIZE	STEEL	SIZE	STEEL	SIZE	STEEL	SIZE	STEEL
1	2100 X 1900	800	200	370 X 620	12 Ø 16	350 X 600	12 Ø 16	--	--	--	--	--	--
2	2200 X 2000	800	200	250 X 620	12 Ø 16	230 X 600	12 Ø 16	230 X 600	12 Ø 16	230 X 600	12 Ø 16	230 X 400	10 Ø 12
3	2300 X 2000	950	200	370 X 620	16 Ø 16	350 X 600	16 Ø 16	--	--	--	--	--	--
4	1350 X 2100	550	200	250 X 620	12 Ø 16	230 X 600	12 Ø 16	230 X 600	4 Ø 16 + 8 Ø 12	230 X 500	12 Ø 12	230 X 400	10 Ø 12
5	2250 X 2550	850	200	320 X 620	16 Ø 16	300 X 600	16 Ø 16	300 X 600	16 Ø 16	300 X 600	16 Ø 16	300 X 600	16 Ø 16
7	2100 X 2400	750	200	320 X 620	16 Ø 16	300 X 600	16 Ø 16	300 X 600	14 Ø 16	300 X 600	14 Ø 16	300 X 600	12 Ø 16
8	1700 X 2050	550	200	250 X 620	12 Ø 16	230 X 600	12 Ø 16	230 X 600	10 Ø 16	230 X 500	8 Ø 16	230 X 500	8 Ø 16
9	1750 X 2150	750	200	320 X 620	16 Ø 16	300 X 600	16 Ø 16	300 X 600	16 Ø 16	300 X 600	16 Ø 16	230 X 600	10 Ø 16
10	2000 X 2000	750	200	320 X 620	16 Ø 16	300 X 600	16 Ø 16	300 X 600	14 Ø 16	230 X 500	12 Ø 16	230 X 400	4 Ø 16 + 4 Ø 12
11	1400 X 1700	450	200	250 X 520	12 Ø 12	230 X 500	12 Ø 12	230 X 500	12 Ø 12	230 X 400	10 Ø 12	230 X 400	8 Ø 12
12	1800 X 2200	600	200	250 X 620	12 Ø 16	230 X 600	12 Ø 16	230 X 600	12 Ø 16	230 X 600	10 Ø 16	230 X 500	8 Ø 16
13													
14													

FOUNDATION & PLINTH BEAM DETAILS FOR BUNGALOW No. 9-A AT PLOT BEARING C.T.S. No. 739 OF VILLAGE BHANDUP AT BHANDUP (E) FOR :-M/S UDAYSHREE CO.OP.HSG.SOC.LTD

CONT. NO.-MU/419. TAVASE & ASSOCIATES.  
DRG. NO.-MU/419. R.C.C. & STRUCTURAL DESIGNERS,  
203, PWP OFFICE COMPLEX,  
DATE-16/01/2013. BEHIND S.V.GARDEN, MAHIM CAUSEWAY,  
DRAWN BY-BILAL F. S.V. ROAD, MAHIM, MUMBAI-400 016.  
REG. NO.-STR/T/22. PH./FAX NO.-24450227.  
Email-prabhakar13@yahoo.co.in



FIRST FLOOR PLAN  
BUNG. NO.9A

SL.NO.	THK.	SHORT SPAN	LONG SPAN	REMARKS
S-1	150	Ø 10 @ 100 C/C	Ø 10 @ 125 C/C	TWO-WAY.
S-2	100	Ø 8 @ 150 C/C	Ø 8 @ 200 C/C	ONE-WAY[SUNK].
S-3	100	Ø 8 @ 175 C/C	Ø 8 @ 230 C/C	ONE-WAY.
S-4	100	Ø 8 @ 120 C/C	Ø 8 @ 120 C/C	TWO-WAY.
S-5	115	Ø 8 @ 100 C/C	Ø 8 @ 130 C/C	TWO-WAY.
SC1	115	Ø 8 @ 150 C/C	Ø 8 @ 230 C/C	CANTILEVER.
ST1	150	Ø 10 @ 100 C/C	Ø 8 @ 150 C/C	SATAIR-WAIST.

NOTES

COLUMN RINGS-Ø8MM @ 160 C/C  
GRADE OF CONG. M-25.

1ST SLAB DETAILS FOR BUNGALOW NO.9A ON PLOT BEARING C.T.S. No. 739 OF VILLAGE BHANDUP AT BHANDUP (E) FOR :-M/S UDAYSHREE CO.OP.HSG.SOC.LTD

BEAM NOS.	SIZE	S T E E L					
		BOTTOM STR	TOP			STIRRUPS	
			LEFT	MID	RIGHT		
B-C1,C2.	150 X 700	2 Ø 10	--	2 Ø 16	--	Ø 8 @ 100 C/C	
B-1	300 X 700	4 Ø 12	2 Ø 16	2 Ø 16	--	Ø 12 @ 75-150 C/C	
B-2	300 X 700	4 Ø 16	--	2 Ø 16	2 Ø 16	Ø 12 @ 75-150 C/C	
B-C3,C5.	150 X 700	2 Ø 12	--	4 Ø 16	--	Ø 8 @ 100 C/C	
B-3,7.	150 X 700	2 Ø 16 + 2 Ø 12	2 Ø 16	2 Ø 16	--	Ø 8 @ 100-150 C/C	
B-4	150 X 300	2 Ø 12	--	2 Ø 10	--	Ø 8 @ 100-150 C/C	
B-5	230 X 700	5 Ø 16	3 Ø 16	2 Ø 16	4 Ø 16	Ø 10 @ 150 C/C	
B-C4	230 X 700	2 Ø 16	--	6 Ø 16	--	Ø 8 @ 75 C/C	
B-8	230 X 400	3 Ø 12	--	2 Ø 10	--	Ø 8 @ 100-150 C/C	
B-9[M.L.L.VL.]	230 X 450	3 Ø 16	2 Ø 16	2 Ø 12	2 Ø 16	Ø 8 @ 100-150 C/C	
B-10	230 X 700	2 Ø 16	--	5 Ø 16	--	Ø 8 @ 100 C/C	
B-C6	230 X 700	2 Ø 16	--	5 Ø 16	--	Ø 8 @ 100 C/C	
B-11,12,14,25.	150 X 700	2 Ø 12	--	2 Ø 10	--	Ø 8 @ 150-200 C/C	
B-13	150 X 700	2 Ø 10	--	2 Ø 8	--	Ø 8 @ 150-200 C/C	
B-C7	230 X 700	2 Ø 12	--	2 Ø 16 + 2 Ø 12	--	Ø 8 @ 100 C/C	
B-16	230 X 700	4 Ø 12	2 Ø 16	2 Ø 12	2 Ø 12	Ø 8 @ 100-150 C/C	
B-17[TOP SUNK].	230 X 500	3 Ø 12	2 Ø 12	2 Ø 12	2 Ø 12	Ø 8 @ 100-150 C/C	
B-18	350 X 700	4 Ø 16	--	12 Ø 16	--	Ø 8,4LEGG. @ 200 C/C	
B-C8	350 X 900	4 Ø 16	--	12 Ø 16	--	Ø 10,4LEGG. @ 100 C/C	
B-19	150 X 300	2 Ø 16 + 1 Ø 12	--	2 Ø 12	--	Ø 8 @ 100-150 C/C	
B-C9,C11.	150 X 700	2 Ø 16	--	4 Ø 16	--	Ø 8 @ 100 C/C	
B-20	150 X 700	5 Ø 16	2 Ø 16	2 Ø 16	4 Ø 16	Ø 10 @ 150 C/C	
B-21	230 X 700	4 Ø 16	2 Ø 16	2 Ø 16	2 Ø 16	Ø 8 @ 100 C/C	
B-C10	230 X 700	2 Ø 16	--	4 Ø 16	--	Ø 8 @ 100 C/C	
B-22	150 X 700	4 Ø 16	2 Ø 16	2 Ø 16	2 Ø 16	Ø 8 @ 100-150 C/C	
B-23	350 X 700	6 Ø 16	--	14 Ø 16	--	Ø 8,4LEGG. @ 200 C/C	
B-C12	350 X 900	4 Ø 16	--	16 Ø 16	--	Ø 10,4LEGG. @ 75 C/C	
B-C13	150 X 700	2 Ø 10	--	4 Ø 10	--	Ø 8 @ 100-150 C/C	
B-24	150 X 700	4 Ø 12	2 Ø 10	2 Ø 10	--	Ø 8 @ 100-150 C/C	

CONT. NO.-MU/419. TAVASE & ASSOCIATES.  
DRG. NO.-MU/419. R.C.C. & STRUCTURAL DESIGNERS,  
DATE-16/01/2013. 203, PWP OFFICE COMPLEX,  
DRAWN BY-BILAL F. BEHIND S.V.GARDEN, MAHIM CAUSEWAY,  
REG. NO.-STR/T/22. S.V. ROAD, MAHIM, MUMBAI-400 016.  
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