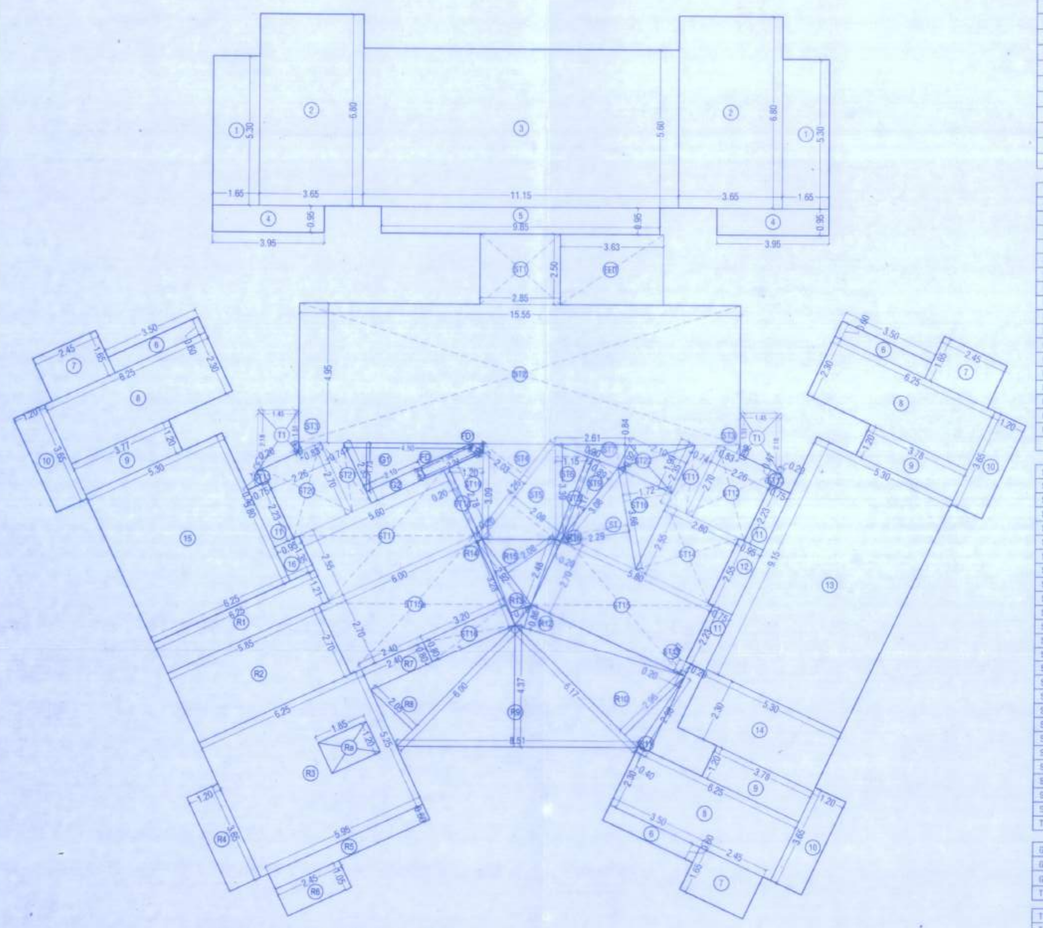


REFUGE FLOOR AREA DIAGRAM(LOWER LVL.)
SCALE 1:100

SALE BUILT UP AREA CALCULATION									
1	1.65	X	5.30	X	2 NOS	=	17.49	SQ.MT.	
2	3.65	X	6.80	X	2 NOS	=	49.64	SQ.MT.	
3	11.15	X	5.60	X	1 NO	=	62.44	SQ.MT.	
4	3.95	X	0.95	X	2 NOS	=	7.51	SQ.MT.	
5	9.85	X	0.95	X	1 NO	=	9.36	SQ.MT.	
6	0.60	X	3.50	X	3 NOS	=	6.30	SQ.MT.	
7	1.65	X	2.45	X	3 NOS	=	12.13	SQ.MT.	
8	2.30	X	6.25	X	3 NOS	=	43.13	SQ.MT.	
9	1.20	X	3.77	X	3 NOS	=	13.57	SQ.MT.	
10	3.65	X	1.20	X	3 NOS	=	13.14	SQ.MT.	
11	2.23	X	0.75	X	3 NOS	=	5.02	SQ.MT.	
12	2.55	X	0.95	X	1 NO	=	2.42	SQ.MT.	
13	9.15	X	5.28	X	1 NO	=	48.31	SQ.MT.	
14	2.30	X	5.30	X	1 NO	=	12.19	SQ.MT.	
15	5.30	X	5.80	X	1 NO	=	30.74	SQ.MT.	
16	1.35	X	0.95	X	1 NO	=	1.28	SQ.MT.	
						=	334.67	SQ.MT.	Y1
					TOTAL ADDITION	=	334.67	SQ.MT.	

REFUGE AREA CALCULATION									
R1	8.25	X	1.20	X	1 NO	=	7.00	SQ.MT.	
R2	5.85	X	2.70	X	1 NO	=	15.80	SQ.MT.	
R3	6.25	X	5.25	X	1 NO	=	32.81	SQ.MT.	
R4	1.20	X	3.65	X	1 NO	=	4.38	SQ.MT.	
R5	3.95	X	0.60	X	1 NO	=	2.37	SQ.MT.	
R6	2.45	X	1.05	X	1 NO	=	2.57	SQ.MT.	
R7	2.40	X	0.80	X	1 NO	=	1.92	SQ.MT.	
R8	1.0' X	6.90	X	2.25	X 1 NO	=	6.15	SQ.MT.	
R9	1.0' X	6.51	X	4.32	X 1 NO	=	18.99	SQ.MT.	
R10	1.0' X	6.17	X	2.96	X 1 NO	=	9.13	SQ.MT.	
R11	1.0' X	2.98	X	0.40	X 1 NO	=	0.60	SQ.MT.	
R12	1.0' X	6.27	X	0.86	X 1 NO	=	5.39	SQ.MT.	
R13	1.0' X	3.36	X	0.79	X 1 NO	=	1.33	SQ.MT.	
R14	1.0' X	3.36	X	0.22	X 1 NO	=	0.37	SQ.MT.	
R15	1.0' X	3.25	X	0.92	X 1 NO	=	3.00	SQ.MT.	
R16	1.0' X	2.56	X	0.22	X 1 NO	=	0.28	SQ.MT.	
Ra	-1.85	X	1.20	X	1 NO	=	-2.22	SQ.MT.	
						=	108.58	SQ.MT.	Y2
					TOTAL ADDITION	=	108.58	SQ.MT.	

STAIRCASE AREA CALCULATION									
ST	0.50	X	3.66	X	2.29 X 1 NO	=	4.19	SQ.MT.	
ST1	2.65	X	2.50	X	1 NO	=	7.13	SQ.MT.	
ST2	15.55	X	4.95	X	1 NO	=	76.97	SQ.MT.	
ST3	0.50	X	0.83	X	0.32 X 2 NOS	=	0.27	SQ.MT.	
ST4	0.50	X	4.26	X	2.03 X 1 NO	=	4.32	SQ.MT.	
ST5	0.50	X	4.26	X	2.03 X 1 NO	=	4.32	SQ.MT.	
ST6	0.50	X	3.39	X	1.15 X 1 NO	=	1.95	SQ.MT.	
ST7	0.50	X	2.67	X	0.84 X 1 NO	=	1.12	SQ.MT.	
ST8	0.20	X	3.17	X	1 NO	=	0.63	SQ.MT.	
ST9	0.50	X	3.08	X	0.89 X 1 NO	=	1.37	SQ.MT.	
ST10	0.50	X	3.60	X	1.72 X 1 NO	=	3.11	SQ.MT.	
ST11	2.35 +	2.70	) / 2	X	0.74 X 1 NO	=	1.87	SQ.MT.	
ST12	2.70	X	2.26	X	1 NO	=	6.10	SQ.MT.	
ST13	0.40	X	0.20	X	3 NOS	=	0.24	SQ.MT.	
ST14	2.55	X	2.80	X	1 NO	=	7.14	SQ.MT.	
ST15a	2.70	X	5.60	X	1 NO	=	15.06	SQ.MT.	
ST15b	2.70	X	6.00	X	1 NO	=	16.20	SQ.MT.	
ST16	0.60	X	3.20	X	1 NO	=	2.58	SQ.MT.	
ST17	2.55	X	3.60	X	1 NO	=	9.18	SQ.MT.	
ST18	0.20	X	2.78	X	1 NO	=	0.56	SQ.MT.	
ST19	0.50	X	3.66 +	1.21	X 1 NO	=	1.85	SQ.MT.	
ST20	2.26	X	2.78	X	1 NO	=	6.28	SQ.MT.	
ST21	(2.70 +	2.30	) / 2	X	0.74 X 1 NO	=	1.87	SQ.MT.	
ST22	(0.92 +	1.90	) / 2	X	2.10 X 1 NO	=	2.96	SQ.MT.	
TOTAL STAIRCASE AREA						=	162.90	SQ.MT.	Y2

GARBAGE AREA CALCULATION									
G1	0.50	X	4.50	X	1.73 X 1 NO	=	3.89	SQ.MT.	
G2	2.10	X	0.45	X	1 NO	=	0.95	SQ.MT.	
TOTAL GARBAGE AREA						=	4.84	SQ.MT.	Y3

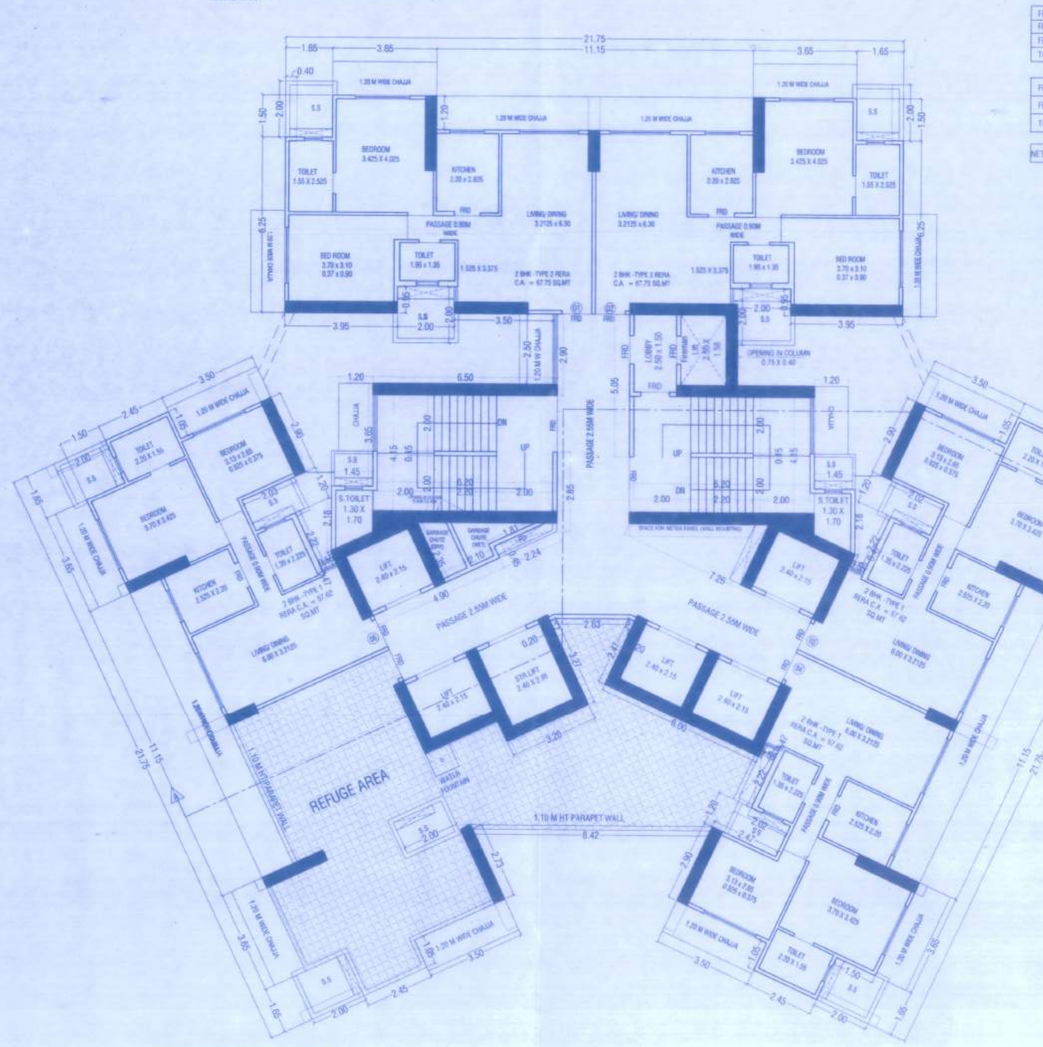
TOILET AREA CALCULATION									
T1	(2.18 +	1.51	) / 2	X	1.45 X 2 NOS	=	5.35	SQ.MT.	
TOTAL TOILET AREA						=	5.35	SQ.MT.	Y4

FD AREA CALCULATION									
FD	1.18 +	2.24	) / 2	X	0.45 X 1 NO	=	0.95	SQ.MT.	
FD1	0.50	X	0.52	X	0.24 X 1 NO	=	0.06	SQ.MT.	
TOTAL ED & FD AREA						=	1.01	SQ.MT.	Y5

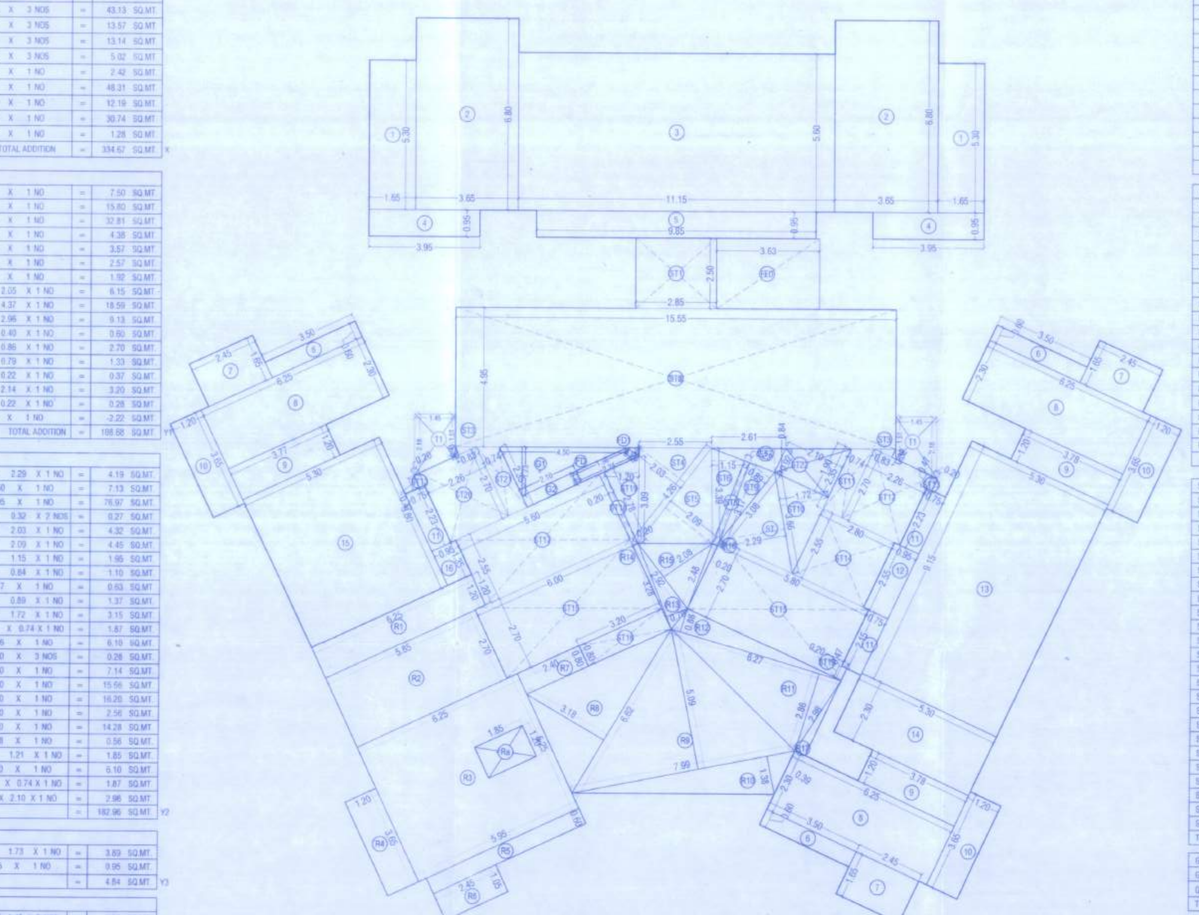
FED AREA CALCULATION									
FED	3.63	X	2.50	X	1 NO	=	9.08	SQ.MT.	
TOTAL FED AREA						=	9.08	SQ.MT.	Y5

NET CONSTRUCTION AREA = (X+Y1+Y2+Y3+Y4) = 636.50 SQ.MT.

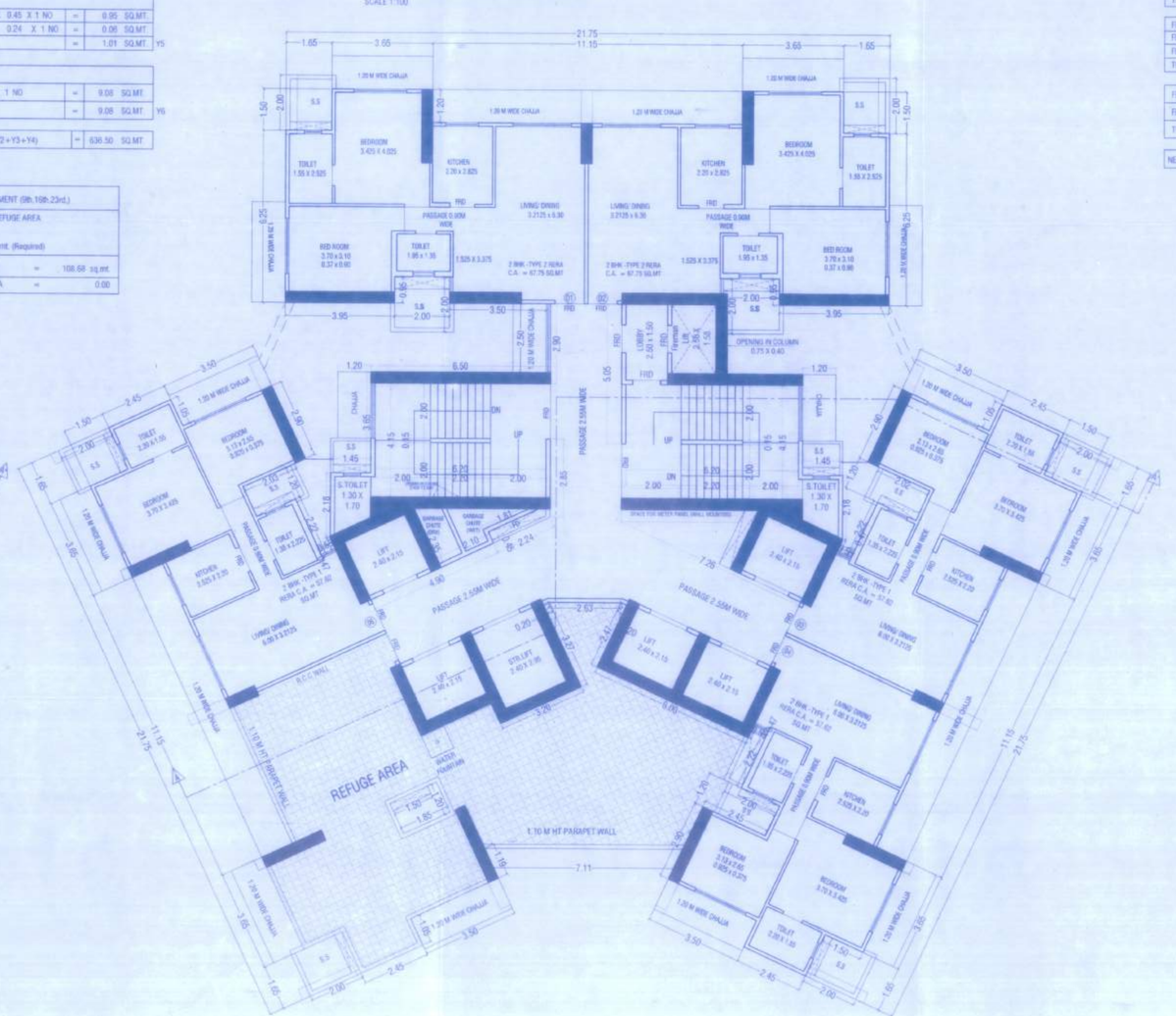
REFUGE AREA STATEMENT (9th,10th,23rd.)		
REQUIRED REFUGE AREA		
= (397.04 x 6 = 334.67)x 4%		
= 2716.89 x 4% = 108.68 sq.mt. (Required)		
PROPOSED REFUGE AREA	=	108.68 sq.mt.
EXCESS REFUGE AREA	=	0.00



REFUGE FLOOR PLAN (LOWER LVL.)
(9th,16th,23rd.)
SCALE 1:100



REFUGE FLOOR AREA DIAGRAM(LOWER LVL.)
SCALE 1:100



REFUGE FLOOR PLAN (LOWER LVL.)
(30th)
SCALE 1:100

BUILT UP AREA CALCULATION OF 23rd REFUGE FLOOR									
1	1.65	X	5.30	X	2 NOS	=	17.49	SQ.MT.	
2	3.65	X	6.80	X	2 NOS	=	49.64	SQ.MT.	
3	11.15	X	5.60	X	1 NO	=	62.44	SQ.MT.	
4	3.95	X	0.95	X	2 NOS	=	7.51	SQ.MT.	
5	9.85	X	0.95	X	1 NO	=	9.36	SQ.MT.	
6	0.60	X	3.50	X	3 NOS	=	6.30	SQ.MT.	
7	1.65	X	2.45	X	3 NOS	=	12.13	SQ.MT.	
8	2.30	X	6.25	X	3 NOS	=	43.13	SQ.MT.	
9	1.20	X	3.77	X	3 NOS	=	13.57	SQ.MT.	
10	3.65	X	1.20	X	3 NOS	=	13.14	SQ.MT.	
11	2.23	X	0.75	X	3 NOS	=	5.02	SQ.MT.	
12	2.55	X	0.95	X	1 NO	=	2.42	SQ.MT.	
13	9.15	X	5.28	X	1 NO	=	48.31	SQ.MT.	
14	2.30	X	5.30	X	1 NO	=	12.19	SQ.MT.	
15	5.30	X	5.80	X	1 NO	=	30.74	SQ.MT.	
16	1.35	X	0.95	X	1 NO	=	1.28	SQ.MT.	
					NET BUA	=	334.67	SQ.MT.	Y

REFUGE AREA CALCULATION									
R1	8.25	X	1.20	X	1 NO	=	7.00	SQ.MT.	
R2	5.85	X	2.70	X	1 NO	=	15.80	SQ.MT.	
R3	6.25	X	5.25	X	1 NO	=	32.81	SQ.MT.	
R4	1.20	X	3.65	X	1 NO	=	4.38	SQ.MT.	
R5	3.95	X	0.60	X	1 NO	=	2.37	SQ.MT.	
R6	2.45	X	1.05	X	1 NO	=	2.57	SQ.MT.	
R7	2.40	X	0.80	X	1 NO	=	1.92	SQ.MT.	
R8	1.0' X	6.90	X	2.25	X 1 NO	=	6.15	SQ.MT.	
R9	1.0' X	7.86	X	5.09	X 1 NO	=	20.33	SQ.MT.	
R10	1.0' X	7.99	X	1.33	X 1 NO	=	8.51	SQ.MT.	
R11	1.0' X	6.27	X	2.86	X 1 NO	=	8.97	SQ.MT.	
R12	1.0' X	6.27	X	0.86	X 1 NO	=	2.70	SQ.MT.	
R13	1.0' X	3.36	X	0.73	X 1 NO	=	1.23	SQ.MT.	
R14	1.0' X	3.25	X	0.92	X 1 NO	=	3.00	SQ.MT.	
R15	1.0' X	2.99	X	2.14	X 1 NO	=	3.20	SQ.MT.	
R16	1.0' X	2.56	X	0.22	X 1 NO	=	0.28	SQ.MT.	
R17	-1.0' X	2.98	X	0.39	X 1 NO	=	0.58	SQ.MT.	
Ra	1.85	X	1.20	X	1 NO	=	-2.22	SQ.MT.	
						=	129.12	SQ.MT.	Y1
					TOTAL ADDITION	=	129.12	SQ.MT.	

STAIRCASE AREA CALCULATION									
ST	0.50	X	3.66	X	2.29 X 1 NO	=	4.19	SQ.MT.	
ST1	2.65	X	2.50	X	1 NO	=	7.13	SQ.MT.	
ST2	15.55	X	4.95	X	1 NO	=	76.97	SQ.MT.	
ST3	0.50	X	0.83	X	0.32 X 2 NOS	=	0.27	SQ.MT.	
ST4	0.50	X	4.26	X	2.03 X 1 NO	=	4.32	SQ.MT.	
ST5	0.50	X	4.26	X	2.03 X 1 NO	=	4.32	SQ.MT.	
ST6	0.50	X	3.39	X	1.15 X 1 NO	=	1.95	SQ.MT.	
ST7	0.50	X	2.67	X	0.84 X 1 NO	=	1.12	SQ.MT.	
ST8	0.20	X	3.17	X	1 NO	=	0.63	SQ.MT.	
ST9	0.50	X	3.08	X	0.89 X 1 NO	=	1.37	SQ.MT.	
ST10	0.50	X	3.60	X	1.72 X 1 NO	=	3.11	SQ.MT.	
ST11	2.35 +	2.70	) / 2	X	0.74 X 1 NO	=	1.87	SQ.MT.	
ST12	2.70	X	2.26	X	1 NO	=	6.10	SQ.MT.	
ST13	0.40	X	0.20	X	3 NOS	=	0.24	SQ.MT.	
ST14	2.55	X	2.80	X	1 NO	=	7.14	SQ.MT.	
ST15	2.70	X	5.60	X	1 NO	=	15.06	SQ.MT.	
ST15a	2.70	X	6.00	X	1 NO	=	16.20	SQ.MT.	
ST16	0.60	X	3.20	X	1 NO	=	2.58	SQ.MT.	
ST17	2.55	X	3.60	X	1 NO	=	9.18	SQ.MT.	
ST18	0.20	X	2.78	X	1 NO	=	0.56	SQ.MT.	
ST19	0.50	X	3.66 +	1.21	X 1 NO	=	1.85	SQ.MT.	
ST20	2.26	X	2.78	X	1 NO	=	6.28	SQ.MT.	
ST21	(2.70 +	2.30	) / 2	X	0.74 X 1 NO	=	1.87	SQ.MT.	
ST22	(0.92 +	1.90	) / 2	X	2.10 X 1 NO	=	2.96	SQ.MT.	
TOTAL STAIRCASE AREA PER FL						=	162.90	SQ.MT.	Y2

GARBAGE AREA CALCULATION									
G1	0.50	X	4.50	X	1.73 X 1 NO	=	3.89	SQ.MT.	
G2	2.10	X	0.45	X	1 NO	=	0.95	SQ.MT.	
TOTAL GARBAGE AREA						=	4.84	SQ.MT.	Y3

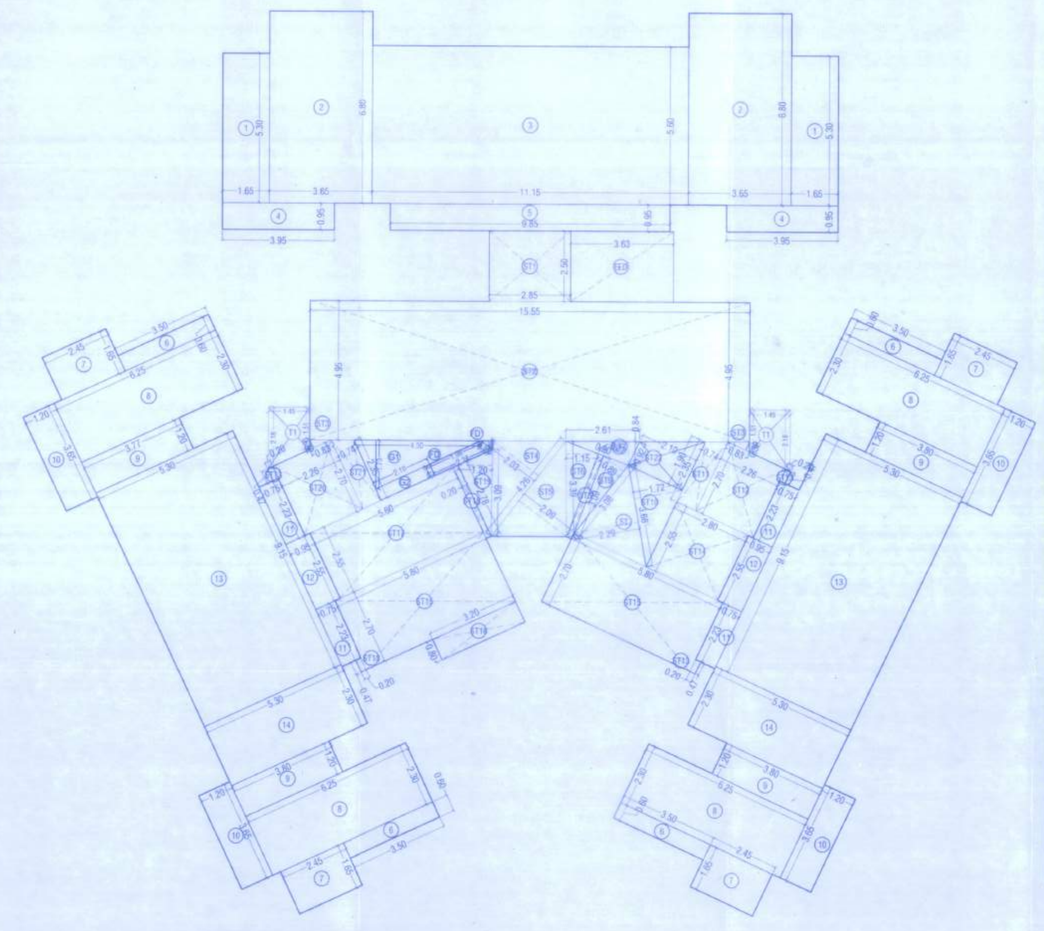
TOILET AREA CALCULATION									
T1	(2.18 +	1.51	) / 2	X	1.45 X 2 NOS	=	5.35	SQ.MT.	
TOTAL TOILET AREA						=	5.35	SQ.MT.	Y4

FD AREA CALCULATION									
FD	1.18 +	2.24	) / 2	X	0.45 X 1 NO	=	0.95	SQ.MT.	
FD1	0.50	X	0.52	X	0.24 X 1 NO	=	0.06	SQ.MT.	
TOTAL ED & FD AREA						=	1.01	SQ.MT.	Y5

FED AREA CALCULATION									
FED	3.63	X	2.50	X	1 NO	=	9.08	SQ.MT.	
TOTAL FED AREA						=	9.08	SQ.MT.	Y5

NET CONSTRUCTION AREA = (X+Y1+Y2+Y3+Y4) = 647.94 SQ.MT.

REFUGE AREA STATEMENT (30th)		
REQUIRED REFUGE AREA		
= (444.73 x 6 = 334.68)x 4%		
= 3003.61 x 4% = 120.12 sq.mt. (Required)		
PROPOSED REFUGE AREA	=	120.12 sq.mt.
EXCESS REFUGE AREA	=	0.00 sq.mt.



TYPICAL FLOOR AREA DIAGRAM(LOWER LVL.)
SCALE 1:100

BUILT UP AREA CALCULATION OF TYPICAL FLOOR									
1	1.65	X	5.30	X	2 NOS	=	17.49	SQ.MT.	
2	3.65	X	6.80	X	2 NOS	=	49.64	SQ.MT.	
3	11.15	X	5.60	X	1 NO	=	62.44	SQ.MT.	
4	3.95	X	0.95	X	2 NOS	=	7.51	SQ.MT.	
5	9.85	X	0.95	X	1 NO	=	9.36	SQ.MT.	
6	0.60	X	3.50	X	4 NOS	=	8.40	SQ.MT.	
7	1.65	X	2.45	X	4 NOS	=	16.17	SQ.MT.	
8	2.30	X	6.25	X	4 NOS	=	57.50	SQ.MT.	
9	1.20	X	3.77	X	4 NOS	=	18.10	SQ.MT.	
10	3.65	X	1.20	X	4 NOS	=	17.52	SQ.MT.	
11	2.23	X	0.75	X	4 NOS	=	6.69	SQ.MT.	
12	2.55	X	0.95	X	2 NOS	=	4.85	SQ.MT.	
13	9.15	X	5.30	X	2 NOS	=	96.99	SQ.MT.	
14	2.30	X	5.30	X	2 NOS	=	24.38	SQ.MT.	
					NET BUA	=	397.04	SQ.MT.	X

STAIRCASE AREA CALCULATION									
ST	0.50	X	3.66	X	2.29 X 1 NO	=	4.19	SQ.MT.	
ST1	2.65	X	2.50	X	1 NO	=	7.13	SQ.MT.	
ST2	15.55	X	4.95	X	1 NO	=	76.97	SQ.MT.	
ST3	0.50	X	0.83	X	0.32 X 2 NOS	=	0.27	SQ.MT.	
ST4	0.50	X	4.26	X	2.03 X 1 NO	=	4.32	SQ.MT.	
ST5	0.50	X	4.26	X	2.03 X 1 NO	=	4.32	SQ.MT.	
ST6	0.50	X	3.39	X	1.15 X 1 NO	=	1.95	SQ.MT.	
ST7	0.50	X	2.67	X	0.84 X 1 NO	=	1.12	SQ.MT.	
ST8	0.20	X	3.17	X	1 NO	=	0.63	SQ.MT.	
ST9	0.50	X	3.08	X	0.89 X 1 NO	=	1.37	SQ.MT.	
ST10	0.50	X	3.60	X	1.72 X 1 NO	=	3.11	SQ.MT.	
ST11	2.35 +	2.70	) / 2	X	0.74 X 1 NO	=	1.87	SQ.MT.	
ST12	2.70	X	2.26	X	1 NO	=	6.10	SQ.MT.	
ST13	0.40	X	0.20	X	3 NOS	=	0.24	SQ.MT.	
ST14	2.55	X	2.80	X	1 NO	=	7.14	SQ.MT.	
ST15	2.70	X	5.60	X	1 NO	=	15.06	SQ.MT.	
ST15a	2.70	X	6.00	X	1 NO	=	16.20	SQ.MT.	
ST16	0.60	X	3.20	X	1 NO	=	2.58	SQ.MT.	
ST17	2.55	X	3.60	X	1 NO	=	9.18	SQ.MT.	
ST18	0.20	X	2.78	X	1 NO	=	0.56	SQ.MT.	
ST19	0.50	X	3.66 +	1.21	X 1 NO	=	1.85	SQ.MT.	
ST20	2.26	X	2.78	X	1 NO	=	6.28	SQ.MT.	
ST21	(2.70 +	2.30	) / 2	X	0.74 X 1 NO	=	1.87	SQ.MT.	
ST22	(0.92 +	1.90	) / 2	X	2.10 X 1 NO	=	2.96	SQ.MT.	
TOTAL STAIRCASE AREA						=	162.90	SQ.MT.	Y1

GARBAGE AREA CALCULATION									
G1	0.50	X	4.50	X	1.73 X 1 NO	=	3.89	SQ.MT.	
G2	2.10	X	0.45	X	1 NO	=	0.95	SQ.MT.	
TOTAL GARBAGE AREA						=	4.84	SQ.MT.	Y2

TOILET AREA CALCULATION									
T1	(2.18 +	1.51	) / 2	X	1.45 X 2 NOS	=	5.35	SQ.MT.	
TOTAL TOILET AREA						=	5.35	SQ.MT.	Y3

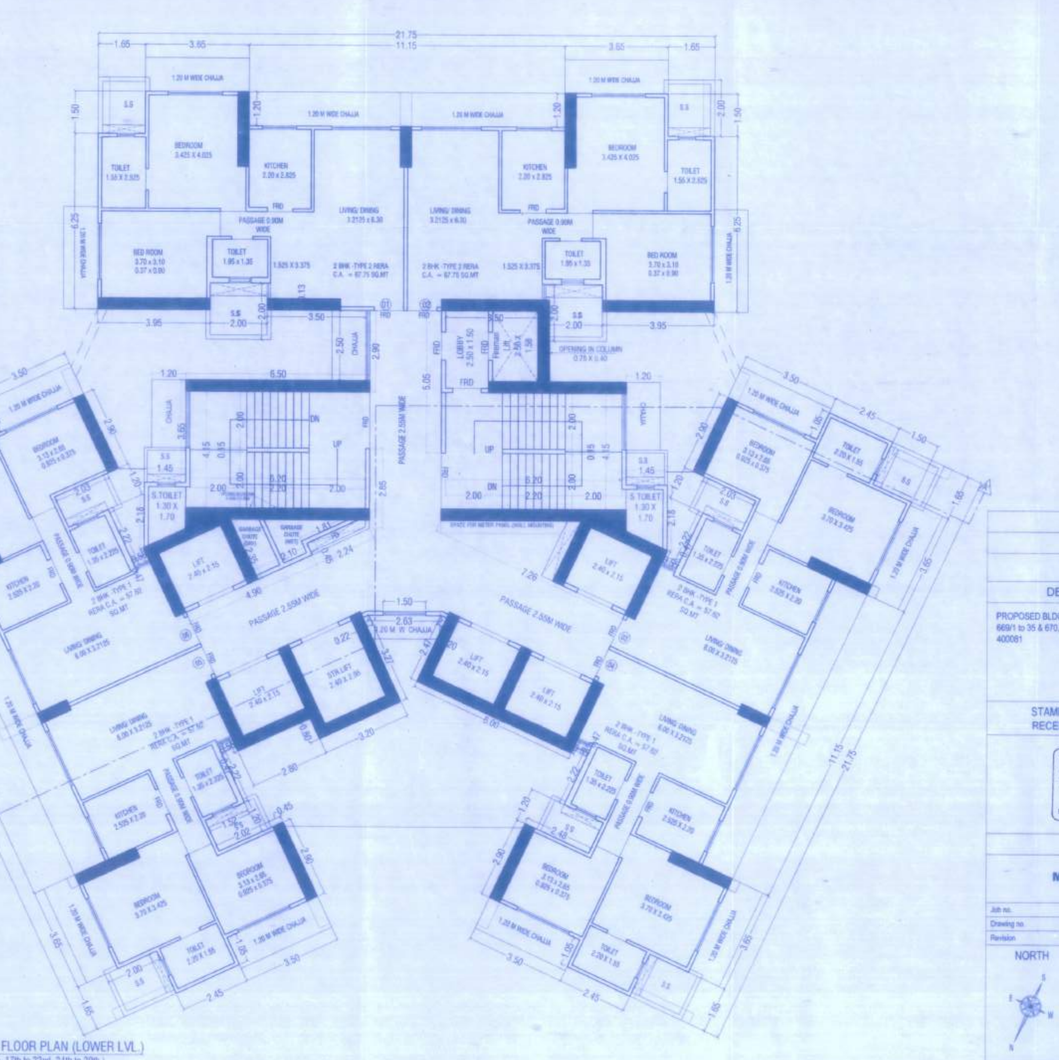
FD AREA CALCULATION									
FD	1.18 +	2.24	) / 2	X	0.45 X 1 NO	=	0.95	SQ.MT.	
FD1	0.50	X	0.52	X	0.24 X 1 NO	=	0.06	SQ.MT.	
TOTAL ED & FD AREA						=	1.01	SQ.MT.	Y4

FED AREA CALCULATION									
FED	3.63	X	2.50	X	1 NO	=	9.08	SQ.MT.	
TOTAL FED AREA						=	9.08	SQ.MT.	Y4

NET CONSTRUCTION AREA = (X+Y1+Y2)	=	693.75 SQ.MT.

TYPICAL FLOOR PLAN (LOWER LVL.)
(10th to 15th, 17th to 22nd, 24th to 29th.)
SCALE 1:100

REFUGE FLOOR PLAN (LOWER LVL.)
(30th)
SCALE 1:100



TYPICAL FLOOR PLAN (LOWER LVL.)
(10th to 15th, 17th to 22nd, 24th to 29th.)
SCALE 1:100

ALL DIMENSIONS ARE IN METRES
ALL AREAS ARE IN SQ.METRES

PROFORMA 'B'

CONTENTS OF SHEET

DESCRIPTION OF PROPOSAL & PROPERTY

PROPOSED BLDG. NO. 3 (SALE) UNDER S.R. SCHEME ON PLOT BEARING C.T.S No.- 669, 669/1 to 35 & 670, 673, 673/1 to 7, 692, 692/1 to 26 & 696 OF VILLAGE MULUND (E), MUMBAI 400081

STAMP OF DATE OF RECEIPT OF PLANS	STAMP OF DATE OF APPROVAL OF PLANS
This towards Approval to the plans and the Revised Plans under sec. Dated.....	Approved Subject to the conditions Mentioned in this office permission Letter no. SRA/ENG/ Dt. 21 JAN 2020 Sign Rehabilitation Authority

NAME OF OWNER

M/S ARIHANT CONSTRUCTION CO.

Job no.		Drawn by	S.N.
Drawing no.		Checked by	S.D
Revision		Scale	As stated

NORTH

NAME OF LICENSED SURVEYOR

CATAPULT
The art of transformation

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