F.S.I. STATEMENT "WING - A"			
FLOOR	B/UP AREA	LIFT AREA	TENA.
UPP. PARK. FL.	24.63		00
FIRST FLOOR	994.51		10
SECOND FLOOR	994.51		10
THIRD FLOOR	994.51		10
FOURTH FLOOR	994.51		10
FIFTH FLOOR	994.51		10
SIXTH FLOOR	994.51	2.50X1.95 X 3 = 14.63	10
SEVENTH FLOOR	994.51		10
EIGHTH FLOOR	978.39		10
NINTH FLOOR	994.51		10
TENTH FLOOR	994.51		10
ELEVENTH FLOOR	994.51		10
TWELFTH FLOOR	994.51		10
THIRTEENTH FLOOR	978.39		10
FOURTEENTH FLOOR	994.51		10
TOTAL	13915.53	14.63	140.00

CARPET AREA STATEMENT IN SQ.M. (A & B WING)												
FLOOR'S	FLAT NO.											NO.OF TENE.
FIRST FLOOR	101	102	103	104	105	106	107	108	109	110		10 NOS.
SECOND FL.	201	202	203	204	205	206	207	208	209	210		10 NOS.
THIRD FLOOR	301	302	303	304	305	306	307	308	309	310		10 NOS.
FOURTH FL.	401	402	403	404	405	406	407	408	409	410		10 NOS.
FIFTH FLOOR	501	502	503	504	505	506	507	508	509	510		10 NOS.
SIXTH FL.	601	602	603	604	605	606	607	608	609	610		10 NOS.
SEVENTH FL.	701	702	703	704	705	706	707	708	709	710		10 NOS.
NINTH FL.	901	902	903	904	905	906	907	908	909	910		10 NOS.
TENTH FL.	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010		10 NOS.
ELEVENTH FL.	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110		10 NOS.
TWELFTH FL.	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210		10 NOS.
FOURTEENTH FL.	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410		10 NOS.
CARPET AREA	69.86	84.88	84.88	69.86	94.45	91.09	69.68	69.68	91.09	94.45		
EIGHTH FL.	801	802	803	804	805	806	807	808	809	810		10 NOS.
THIRTEENTH FL.	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310		10 NOS.
CARPET AREA	69.86	84.88	84.88	69.86	94.45	91.09	53.47	69.68	91.09	94.45		
						TOTAL						140 NOS.

F.S.I. STATEMENT "WING - B"			
FLOOR	B/UP AREA	LIFT AREA	TENA.
UPP. PARK. FL.	3.47		00
FIRST FLOOR	994.51		10
SECOND FLOOR	994.51		10
THIRD FLOOR	994.51		10
FOURTH FLOOR	994.51		10
FIFTH FLOOR	994.51		10
SIXTH FLOOR	994.51	2.50X1.95 X 3 = 14.63	10
SEVENTH FLOOR	994.51		10
EIGHTH FLOOR	978.39		10
NINTH FLOOR	994.51		10
TENTH FLOOR	994.51		10
ELEVENTH FLOOR	994.51		10
TWELFTH FLOOR	994.51		10
THIRTEENTH FLOOR	978.39		10
FOURTEENTH FLOOR	994.51		10
TOTAL	13894.37	14.63	140.00

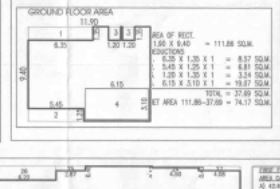
F.S.I. STATEMENT in sqmt. (CLUB HOUSE) (OS OPEN SPACE AREA=76.47 SQM)					
FLOOR	PERM. FS.I.	ADD BOTH ANCELLARY	TOTAL PERM. FS.I.	PROPOSED FS.I.	
GROUND FL.	749.47X10% = 74.95	74.95X50% = 37.48	74.95+59.94 = 134.91	74.17	
FIRST FL.	749.47X5% = 37.47	37.47X50% = 18.74	37.47+29.94 = 67.45	36.69	
TOTAL	112.42	89.94	202.36	110.86	

WATER STORAGE TANK MP. CALC.
WATER REQ. IN O/H. WATER TAN CAP.
COMM. AREA 1510.80 X 40.75 = 1,062.00
TOTAL O/H. TANK CAP. SAY = 2000.00 Ltr.
U/G. WATER TANK CAP.= 3.00X6 (3.0+3.0) = 3.00X6 Ltr.

STAIRCASE AREA STATEMENT
GROUND FLOOR
1. 6.15 X 3.10 =19.07 SQ.M.

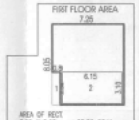
BALCONY AREA STATEMENT
FIRST FLOOR
1. 7.25 X 2.00 = 14.50 SQ.M.

GROUND FLOOR AREA



AREA OF RECT. 1.90 X 9.40 = 111.86 SQM.
DEDUCTIONS
1. 6.35 X 1.35 X 1 = 8.57 SQM.
2. 5.45 X 1.25 X 1 = 6.81 SQM.
3. 1.20 X 1.35 X 1 = 3.24 SQM.
4. 6.15 X 3.10 X 1 = 19.07 SQM.
TOTAL = 37.69 SQM.
NET AREA 111.86–37.69 = 74.17 SQM.

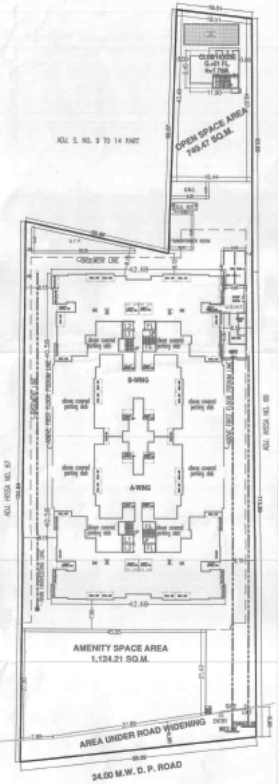
FIRST FLOOR AREA



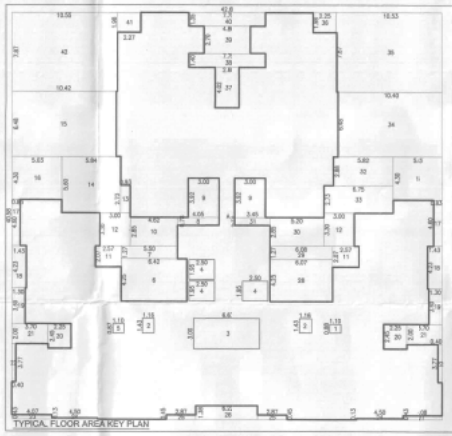
AREA OF RECT. 7.25 X 8.05 = 58.36 SQM.
DEDUCTIONS
1. 0.80 X 3.5 X 1 = 2.80 SQM.
2. 6.15 X 3.0 X 1 = 18.07 SQM.
TOTAL = 21.87 SQM.
NET AREA 58.3–21.87 = 36.69 SQM.

PARKING AREA STATEMENT		
PARKING REQUIRED	CAR	SCOOTER/ CYCLE
BELOW 40.00 SQM. 02 TENA.	01	04
40.00 TO 80.00 SQM. 02 TENA.	02	04
ABOVE 80.00 SQM. 01 TENA.	02	02
COMM. 100.00 SQM.(CARP.)	03	08
PARKING PROVIDED	CAR	SCOOTER/ CYCLE
COMM. 100.00 SQM.(CARP.)	03	08
TOTAL	03	08

PARKING AREA STATEMENT		
	AREA REQUIRED	AREA PROPOSED
CAR	03 NOS. X 12.50 SQ.M	37.50 SQ.M.
SCOOTER/CYCLE	08 NOS. X 2.00 SQ.M	16.00 SQ.M.
CYCLE	03 NOS. X 1.40 SQ.M	04.20 SQ.M.
TOTAL		58.70 SQ.M.

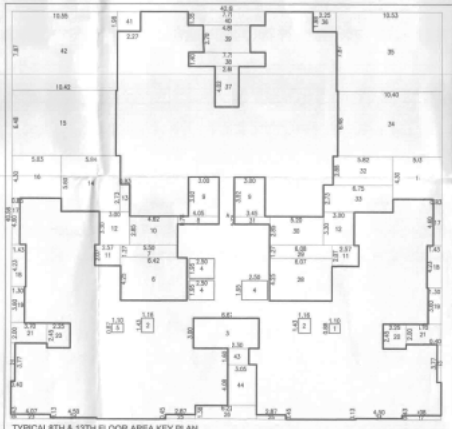


BUILDING LAYOUT PLAN FOR SERVICES
SCALE 1 : 500



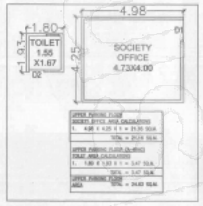
TYPICAL FLOOR AREA KEY PLAN

FIRST FLOOR
AREA CALCULATIONS
A) 42.68 X 40.58 = 1731.85 SQM.
DEDUCTIONS
1. 1.10 X 0.88 X 1 = 0.97 SQM.
2. 1.16 X 1.43 X 2 = 3.32 SQM.
3. 6.87 X 3.00 X 1 = 20.61 SQM.
4. 2.50 X 1.85 X 3 = 14.63 SQM.
5. 1.10 X 0.87 X 1 = 0.96 SQM.
6. 6.42 X 4.25 X 1 = 27.29 SQM.
7. 5.50 X 1.27 X 1 = 6.99 SQM.
8. 4.85 X 0.78 X 1 = 3.16 SQM.
9. 3.00 X 3.82 X 2 = 22.92 SQM.
10. 4.82 X 2.85 X 1 = 13.73 SQM.
11. 3.37 X 2.57 X 2 = 18.64 SQM.
12. 3.60 X 3.30 X 2 = 19.80 SQM.
13. 0.93 X 2.73 X 1 = 2.54 SQM.
14. 5.84 X 5.60 X 1 = 32.70 SQM.
15. 10.42 X 6.46 X 1 = 67.32 SQM.
16. 5.03 X 4.30 X 2 = 43.26 SQM.
17. 5.84 X 5.60 X 1 = 32.70 SQM.
18. 1.43 X 4.23 X 2 = 12.10 SQM.
19. 1.30 X 3.60 X 2 = 9.36 SQM.
20. 3.25 X 2.45 X 2 = 11.03 SQM.
21. 3.00 X 2.60 X 2 = 14.80 SQM.
22. 0.40 X 3.77 X 2 = 3.02 SQM.
23. 4.07 X 0.43 X 1 = 1.75 SQM.
24. 4.30 X 0.13 X 2 = 1.17 SQM.
25. 2.87 X 0.45 X 2 = 2.58 SQM.
26. 6.23 X 1.38 X 1 = 8.59 SQM.
27. 4.08 X 0.43 X 1 = 1.75 SQM.
28. 6.07 X 4.23 X 1 = 25.68 SQM.
29. 6.08 X 1.27 X 1 = 7.72 SQM.
30. 5.20 X 2.85 X 1 = 14.82 SQM.
31. 3.45 X 0.78 X 1 = 2.69 SQM.
32. 2.27 X 1.68 X 1 = 4.46 SQM.
33. 10.55 X 7.87 X 1 = 83.02 SQM.
TOTAL = 737.44 SQM.
NET= 1731.85–737.44 = 994.51 SQM.



TYPICAL 8TH & 13TH FLOOR AREA KEY PLAN

EIGHT & THIRTEEN
AREA CALCULATIONS
A) 42.68 X 40.58 = 1731.85 SQM.
DEDUCTIONS
1. 1.10 X 0.88 X 1 = 0.97 SQM.
2. 1.16 X 1.43 X 2 = 3.32 SQM.
3. 6.87 X 3.00 X 1 = 20.61 SQM.
4. 2.50 X 1.85 X 3 = 14.63 SQM.
5. 1.10 X 0.87 X 1 = 0.96 SQM.
6. 6.42 X 4.25 X 1 = 27.29 SQM.
7. 5.50 X 1.27 X 1 = 6.99 SQM.
8. 4.85 X 0.78 X 1 = 3.16 SQM.
9. 3.00 X 3.82 X 2 = 22.92 SQM.
10. 4.82 X 2.85 X 1 = 13.73 SQM.
11. 3.37 X 2.57 X 2 = 18.64 SQM.
12. 3.60 X 3.30 X 2 = 19.80 SQM.
13. 0.93 X 2.73 X 1 = 2.54 SQM.
14. 5.84 X 5.60 X 1 = 32.70 SQM.
15. 10.42 X 6.46 X 1 = 67.32 SQM.
16. 5.03 X 4.30 X 2 = 43.26 SQM.
17. 4.83 X 4.60 X 1 = 7.84 SQM.
18. 1.43 X 4.23 X 2 = 12.10 SQM.
19. 1.30 X 3.60 X 2 = 9.36 SQM.
20. 3.25 X 2.45 X 2 = 11.03 SQM.
21. 3.70 X 3.80 X 1 = 14.80 SQM.
22. 0.40 X 3.77 X 2 = 3.02 SQM.
23. 4.07 X 0.43 X 1 = 1.75 SQM.
24. 4.30 X 0.13 X 2 = 1.17 SQM.
25. 2.87 X 0.45 X 2 = 2.58 SQM.
26. 6.23 X 1.38 X 1 = 8.59 SQM.
27. 4.08 X 0.43 X 1 = 1.75 SQM.
28. 6.07 X 4.23 X 1 = 25.68 SQM.
29. 6.08 X 1.27 X 1 = 7.72 SQM.
30. 5.20 X 2.85 X 1 = 14.82 SQM.
31. 3.45 X 0.78 X 1 = 2.69 SQM.
32. 2.27 X 1.68 X 1 = 4.46 SQM.
33. 10.55 X 7.87 X 1 = 83.02 SQM.
TOTAL = 753.56 SQM.
NET= 1731.85–753.56 = 978.39 SQM.



UPPER PARKING FLOOR
SQUARE AREA CALCULATIONS
1. 4.98 X 4.25 X 1 = 21.16 SQM.
TOTAL = 21.16 SQM.

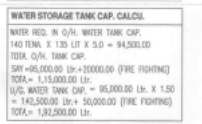
UPPER PARKING FLOOR (B-WING)
SQUARE AREA CALCULATIONS
1. 1.80 X 1.93 X 1 = 3.47 SQM.
TOTAL = 3.47 SQM.

UPPER PARKING FLOOR
AREA TOTAL = 24.63 SQM.

PARKING AREA STATEMENT		
PARKING REQUIRED	CAR	SCOOTER
BELOW 30.00 SQM. 02 TENA.	00	04
40.00 TO 80.00 SQM. 02 TENA.	01	05
80.00 TO 150.00 SQM. 01 TENA.	01	03
ABOVE 150.00 SQM. 01 TENA.	02	03
PARKING PROVIDED	CAR	SCOOTER
40.00 TO 80.00 SQM. 84 TENA.	42	210
80.00 TO 150.00 SQM. 56 TENA.	56	168
TOTAL 140 TENA.	98	378
VISITORS SE PARK.	05	19
TOTAL	103	397

PARKING AREA STATEMENT		
	AREA REQUIRED	AREA PROPOSED
CAR	103 NOS. X 12.50 SQ.M	1287.50 SQ.M.
SCOOTER	397 NOS. X 2.00 SQ.M	794.00 SQ.M.
TOTAL		2,081.50 SQ.M.

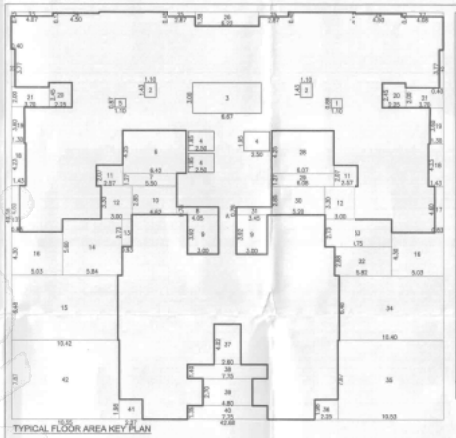
LIFT AREA CALCULATION



FIRE LIFT AREA
2.50 X 1.95 X 1 = 4.88 SQM.
LIFT AREA
2.50 X 1.95 X 2 = 9.75 SQM.
TOTAL = 14.63 SQM.

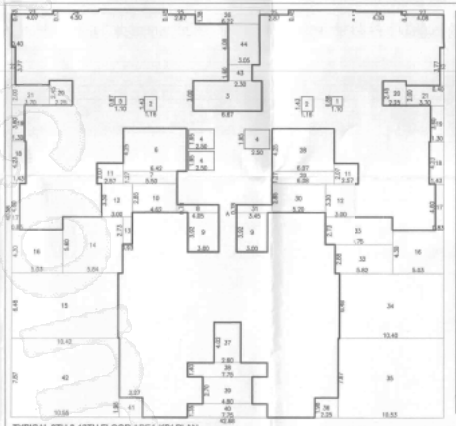
WATER STORAGE TANK CAP. CALCU.
WATER REQ. IN O/H. WATER TANK CAP.
140 TENA. X 135 LIT X 5.0 = 94,500.00
TOTAL O/H. TANK CAP.
SAY =95,000.00 Ltr.+20000.00 (FIRE FIGHTING)
TOTAL= 1,15,000.00 Ltr.
U/G. WATER TANK CAP. = 95,000.00 Ltr. X 1.50
= 1,42,500.00 Ltr.+ 50,000.00 (FIRE FIGHTING)
TOTAL= 1,92,500.00 Ltr.

REFUGE AREA CALC.
8TH & 13TH FL. AREA :–
REQUIRED REFUGE AREA :–
= (TWO FL.TENE.) X 5 PERSON X 0.3
= (10+10) X 20 PERSON X 0.3
= 200SQ.M.= 30.00 (REQUIRED MIN.15.00 SQ.M.)
PROP. REFUGE AREA = 31.74 SQM.
PROP. REFUGE AREA :
1. 2.53 X 3.00 X 1 = 7.59 SQM.
2. 2.30 X 1.60 X 1 = 3.68 SQM.
3. 3.05 X 4.07 X 1 = 12.41 SQM.
4. 3.18 X 2.28 X 1 = 7.25 SQM.
5. 0.60 X 1.35 X 1 = 0.81 SQM.
TOTAL = 31.74 SQM.



TYPICAL FLOOR AREA KEY PLAN

FIRST FLOOR
AREA CALCULATIONS
A) 42.68 X 40.58 = 1731.85 SQM.
DEDUCTIONS
1. 1.10 X 0.88 X 1 = 0.97 SQM.
2. 1.16 X 1.43 X 2 = 3.32 SQM.
3. 6.87 X 3.00 X 1 = 20.61 SQM.
4. 2.50 X 1.85 X 3 = 14.63 SQM.
5. 1.10 X 0.87 X 1 = 0.96 SQM.
6. 6.42 X 4.25 X 1 = 27.29 SQM.
7. 5.50 X 1.27 X 1 = 6.99 SQM.
8. 4.85 X 0.78 X 1 = 3.16 SQM.
9. 3.00 X 3.82 X 2 = 22.92 SQM.
10. 4.82 X 2.85 X 1 = 13.73 SQM.
11. 3.37 X 2.57 X 2 = 18.64 SQM.
12. 3.60 X 3.30 X 2 = 19.80 SQM.
13. 0.93 X 2.73 X 1 = 2.54 SQM.
14. 5.84 X 5.60 X 1 = 32.70 SQM.
15. 10.42 X 6.46 X 1 = 67.32 SQM.
16. 5.03 X 4.30 X 2 = 43.26 SQM.
17. 5.84 X 5.60 X 1 = 32.70 SQM.
18. 1.43 X 4.23 X 2 = 12.10 SQM.
19. 1.30 X 3.60 X 2 = 9.36 SQM.
20. 3.25 X 2.45 X 2 = 11.03 SQM.
21. 3.00 X 2.60 X 2 = 14.80 SQM.
22. 0.40 X 3.77 X 2 = 3.02 SQM.
23. 4.07 X 0.43 X 1 = 1.75 SQM.
24. 4.30 X 0.13 X 2 = 1.17 SQM.
25. 2.87 X 0.45 X 2 = 2.58 SQM.
26. 6.23 X 1.38 X 1 = 8.59 SQM.
27. 4.08 X 0.43 X 1 = 1.75 SQM.
28. 6.07 X 4.23 X 1 = 25.68 SQM.
29. 6.08 X 1.27 X 1 = 7.72 SQM.
30. 5.20 X 2.85 X 1 = 14.82 SQM.
31. 3.45 X 0.78 X 1 = 2.69 SQM.
32. 2.27 X 1.68 X 1 = 4.46 SQM.
33. 10.55 X 7.87 X 1 = 83.02 SQM.
TOTAL = 753.56 SQM.
NET= 1731.85–753.56 = 978.39 SQM.



TYPICAL 8TH & 13TH FLOOR AREA KEY PLAN

EIGHT & THIRTEEN
AREA CALCULATIONS
A) 42.68 X 40.58 = 1731.85 SQM.
DEDUCTIONS
1. 1.10 X 0.88 X 1 = 0.97 SQM.
2. 1.16 X 1.43 X 2 = 3.32 SQM.
3. 6.87 X 3.00 X 1 = 20.61 SQM.
4. 2.50 X 1.85 X 3 = 14.63 SQM.
5. 1.10 X 0.87 X 1 = 0.96 SQM.
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7. 5.50 X 1.27 X 1 = 6.99 SQM.
8. 4.85 X 0.78 X 1 = 3.16 SQM.
9. 3.00 X 3.82 X 2 = 22.92 SQM.
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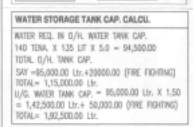
11. 3.37 X 2.57 X 2 = 18.64 SQM.
12. 3.60 X 3.30 X 2 = 19.80 SQM.
13. 0.93 X 2.73 X 1 = 2.54 SQM.
14. 5.84 X 5.60 X 1 = 32.70 SQM.
15. 10.42 X 6.46 X 1 = 67.32 SQM.
16. 5.03 X 4.30 X 2 = 43.26 SQM.
17. 4.83 X 4.60 X 1 = 7.84 SQM.
18. 1.43 X 4.23 X 2 = 12.10 SQM.
19. 1.30 X 3.60 X 2 = 9.36 SQM.
20. 3.25 X 2.45 X 2 = 11.03 SQM.
21. 3.70 X 3.80 X 1 = 14.80 SQM.
22. 0.40 X 3.77 X 2 = 3.02 SQM.
23. 4.07 X 0.43 X 1 = 1.75 SQM.
24. 4.30 X 0.13 X 2 = 1.17 SQM.
25. 2.87 X 0.45 X 2 = 2.58 SQM.
26. 6.23 X 1.38 X 1 = 8.59 SQM.
27. 4.08 X 0.43 X 1 = 1.75 SQM.
28. 6.07 X 4.23 X 1 = 25.68 SQM.
29. 6.08 X 1.27 X 1 = 7.72 SQM.
30. 5.20 X 2.85 X 1 = 14.82 SQM.
31. 3.45 X 0.78 X 1 = 2.69 SQM.
32. 2.27 X 1.68 X 1 = 4.46 SQM.
33. 10.55 X 7.87 X 1 = 83.02 SQM.
TOTAL = 753.56 SQM.
NET= 1731.85–753.56 = 978.39 SQM.

UPPER PARKING FLOOR (B-WING)
SQUARE AREA CALCULATIONS
1. 1.80 X 1.93 X 1 = 3.47 SQM.
TOTAL = 3.47 SQM.

PARKING AREA STATEMENT		
PARKING REQUIRED	CAR	SCOOTER
BELOW 30.00 SQM. 02 TENA.	00	04
40.00 TO 80.00 SQM. 02 TENA.	01	05
80.00 TO 150.00 SQM. 01 TENA.	01	03
ABOVE 150.00 SQM. 01 TENA.	02	03
PARKING PROVIDED	CAR	SCOOTER
40.00 TO 80.00 SQM. 84 TENA.	42	210
80.00 TO 150.00 SQM. 56 TENA.	56	168
TOTAL 140 TENA.	98	378
VISITORS SE PARK.	05	19
TOTAL	103	397

PARKING AREA STATEMENT		
	AREA REQUIRED	AREA PROPOSED
CAR	103 NOS. X 12.50 SQ.M	1287.50 SQ.M.
SCOOTER	397 NOS. X 2.00 SQ.M	794.00 SQ.M.
TOTAL		2,081.50 SQ.M.

LIFT AREA CALCULATION



FIRE LIFT AREA
2.50 X 1.95 X 1 = 4.88 SQM.
LIFT AREA
2.50 X 1.95 X 2 = 9.75 SQM.
TOTAL = 14.63 SQM.

WATER STORAGE TANK CAP. CALCU.
WATER REQ. IN O/H. WATER TANK CAP.
140 TENA. X 135 LIT X 5.0 = 94,500.00
TOTAL O/H. TANK CAP.
SAY =95,000.00 Ltr.+20000.00 (FIRE FIGHTING)
TOTAL= 1,15,000.00 Ltr.
U/G. WATER TANK CAP. = 95,000.00 Ltr. X 1.50
= 1,42,500.00 Ltr.+ 50,000.00 (FIRE FIGHTING)
TOTAL= 1,92,500.00 Ltr.

REFUGE AREA CALC.
8TH & 13TH FL. AREA :–
REQUIRED REFUGE AREA :–
= (TWO FL.TENE.) X 5 PERSON X 0.3
= (10+10) X 20 PERSON X 0.3
= 200SQ.M.= 30.00 (REQUIRED MIN.15.00 SQ.M.)
PROP. REFUGE AREA = 31.74 SQM.
PROP. REFUGE AREA :
1. 2.53 X 3.00 X 1 = 7.59 SQM.
2. 2.30 X 1.60 X 1 = 3.68 SQM.
3. 3.05 X 4.07 X 1 = 12.41 SQM.
4. 3.18 X 2.28 X 1 = 7.25 SQM.
5. 0.60 X 1.35 X 1 = 0.81 SQM.
TOTAL = 31.74 SQM.

D. P. LAYOUT

02/02

This is an accompaniment to this office letter No. DPO/C/1584 date 26/07/2021

Prabhakar
Executive Engineer
(B.P./D.P. Zone-I) P.M.C.

POONA MUNICIPAL CORPORATION TOWN PLANNING ENGINEER

ARCHITECT	OWNER (P.A.H.)
Ar. Prakash Kulkarni 10/06/2021	SHREE SAMARTH SPACES THROUGH RAHUL R. MEHTA AND OTHER'S

PROJECT

PROPOSED RESIDENTIAL BUILDING LAYOUT ON S. NO.– 09 TO 14, HISSA NO.–1/68 AT MUNDHWA, TEL.–HAVELI, DIST.–PUNE.

ARCHITECT
PRAKASH KULKARNI
ankur assoctates
ARCHITECTS
TILEKUNJ/A, OFF. NO.- 181, 187/1, CTS. NO.-116/179, SHIVAJI ROAD, SHIVAJINAGAR, PUNE-411 016. PHONE- 020-65262661/61/102
Email : ankar@ankurassociates.in

DATE	SCALE	DRN. BY	
07/06/2021	1 : 100	Archana	1269/17

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