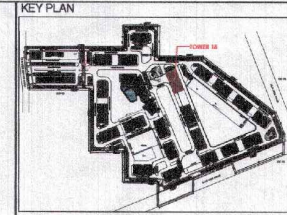


REFUGE AREA CALCULATIONS:-
 TOTAL GROSS FLOOR AREA OF TWO FLOORS (19TH & 20TH) = 692.53 SQ.M.
 692.53 X 2 = 1385.06 SQ.M.
 POPULATION ON TWO FLOORS = 12 SQ.M./PERSON
 1385.06/12.5 = 110.80 PERSONS
 REFUGE AREA (A) = 110.80 X 0.3 = 33.24 SQ.M.
 HANDICAP WHEELCHAIR SPACE AREA(B) = 0.9 SQ.M.
 TOTAL REFUGE AREA REQUIRED = 33.24 + 0.9 = 34.14 SQ.M.
 TOTAL REFUGE AREA PROVIDED = 43.804 + 0.9 = 44.704 SQ.M.
 (OUT OF WHICH 10.296 SQ.M. IS OPEN TO SKY)

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO. 2426 (B) (2) DATED: 17-05-2022
 Checked and found ok for Public Health (Internal) Service subject to comments in forwarding letter dated 15/05/2022
 Additional Civil Engineer (D) H.S.V.P. Panthulu
 DIRECTOR KUMAR S.D (HG)
 J.D. P.A. A.T.P.



20TH FLOOR AREA CALCULATION (REFUGE FLOOR)

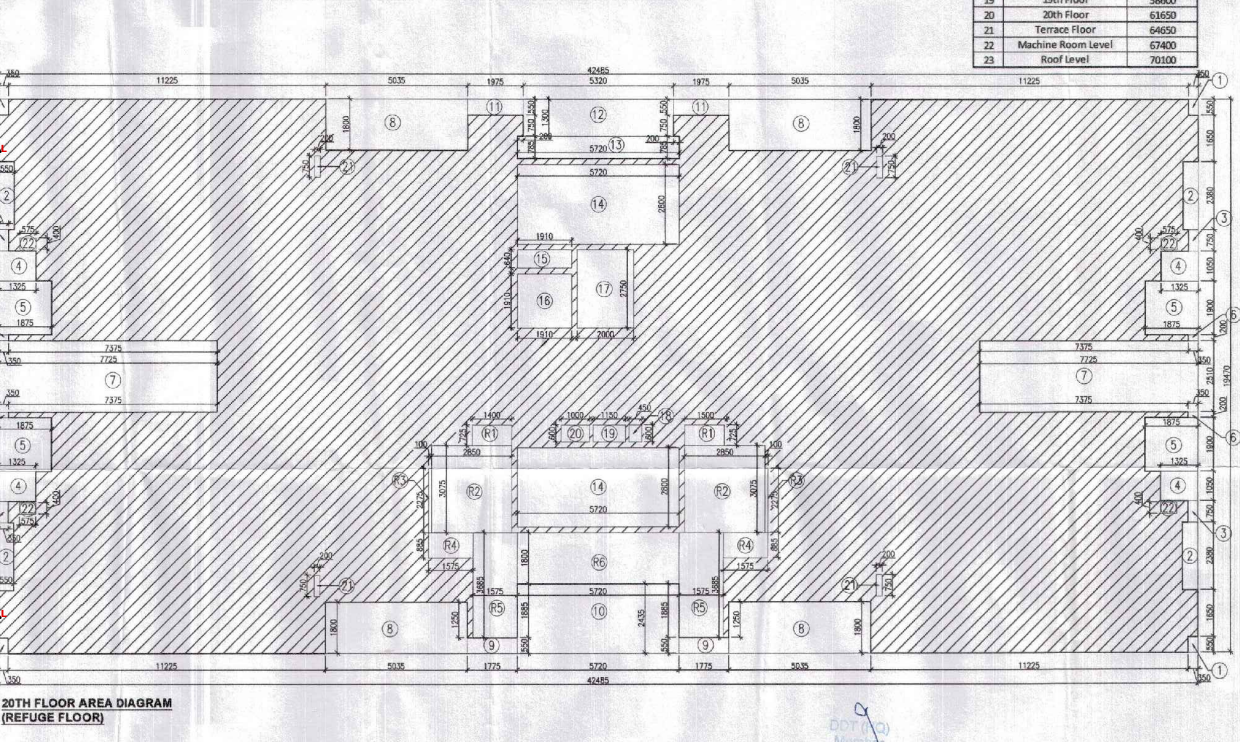
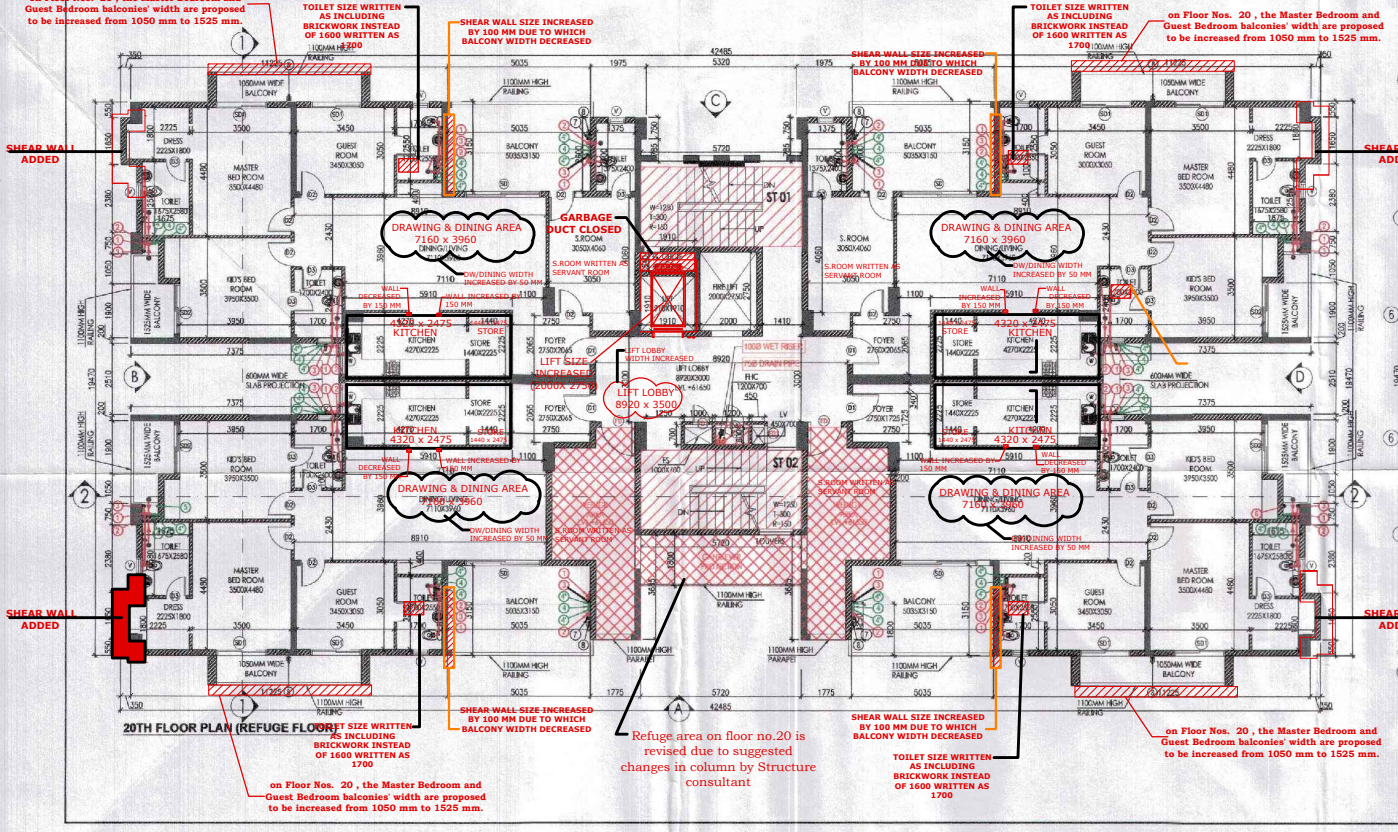
ADDITIONS				
PART	PARTICULARS	NO.	TOTAL AREA (SQ.M.)	
X	42.485	19.470	1	827.183
DEDUCTIONS				
1	0.350	0.550	4	0.770
2	0.550	2.380	4	5.236
3	0.350	0.750	4	1.050
4	1.325	1.050	4	5.565
5	1.875	1.900	4	14.250
6	0.350	0.200	4	0.280
7	7.725	2.510	2	38.780
8	5.035	1.800	4	36.252
9	1.775	0.550	2	1.953
10	5.720	2.965	1	16.960
11	1.975	0.550	2	2.173
12	5.320	1.300	1	6.916
13	5.720	0.785	1	4.490
14	5.720	2.800	2	32.032
15	1.910	0.640	1	1.222
16	1.910	1.910	1	3.648
17	2.000	2.750	1	5.500
18	0.450	0.600	1	0.270
19	1.150	0.600	1	0.690
20	1.000	0.600	1	0.600
21	0.200	0.750	4	0.600
22	0.575	0.400	4	0.920
TOTAL DEDUCTIONS (A)			180.156	
REFUGE AREA				
R1	1.400	0.725	2	2.030
R2	2.850	3.075	2	17.528
R3	0.100	2.275	2	0.455
R4	1.575	0.885	2	2.788
R5	1.575	3.685	2	11.608
R6	5.720	1.800	1	10.296
TOTAL REFUGE AREA (B1)			44.704	
NET AREA = X-(A+B1)			602.323	

LEGEND: (FIRE FIGHTING & ALARM SYSTEM)

S.N.O.	SYMBOL	DESCRIPTION	POSITION
1	---	FIRE ALARM BELL	---
2	---	RELAY VALVE	---
3	---	FLOOR VALVE	---
4	---	SPRINKLER HEAD	---
5	---	WATER SUPPLY MAIN	---
6	---	WATER SUPPLY BRANCH	---
7	---	WATER SUPPLY RISER	---
8	---	WATER SUPPLY STOP VALVE	---
9	---	WATER SUPPLY STOP VALVE	---
10	---	WATER SUPPLY STOP VALVE	---
11	---	WATER SUPPLY STOP VALVE	---
12	---	WATER SUPPLY STOP VALVE	---
13	---	WATER SUPPLY STOP VALVE	---
14	---	WATER SUPPLY STOP VALVE	---
15	---	WATER SUPPLY STOP VALVE	---

DOOR-WINDOW SCHEDULE

S.N.O.	DOOR TAG	DOOR SIZE	SILL LVL	UNTEL LVL
1	D	1230X2100	---	2100
2	D1	1000X2100	---	2100
3	D1A	1140X2100	---	2100
4	D2	1000X2100	---	2100
5	D3	2500X2100	---	2100
6	D4	600X2100	---	2100
7	D5	1200X2100	---	2100
8	SD	2700X2350	---	2350
9	SD1	1800X2350	---	2350
10	W	3000X1350	1050	2350
11	W	3000X900	1450	2350
12	FD	1250X2100	---	2100
13	FD1	800X2100	---	2100
14	FD2	1000X2100	---	2100
15	D6	800X1600	500	2100



NOTES:
 1. ALL LIFTS SHALL HAVE 80% POWER BACKUP.
 2. ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISIONS OF IEC.
 3. ALL ELECTRICAL SAFETY PROVISIONS SHALL BE AS PER RELEVANT IEC PROVISIONS.
 4. ALL ELECTRICAL WORK SHALL BE DONE BY LICENSED ELECTRICAL ENGINEER.
 5. ALL TOILETS ARE VENTILATED AS PER SANITARY BUILDING CODE 2017.
 6. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 7. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 8. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 9. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 10. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 11. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 12. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 13. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 14. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.
 15. ALL TOILETS ARE VENTILATED BY MEANS OF EXHAUST FAN. EXHAUST FAN SHALL BE PROVIDED IN TOILETS AS PER RELEVANT IEC CODES FOR SANITATION & HYGIENE.

PROJECT
 Proposed Building Plans of Group Housing Colony measuring 22.344 Acres (License No. 41 of 2010 Dated 07.06.2010) in sector-93, Gurugram being developed by Ashiana Housing Ltd. comprising of total of Five (5) phases.

ARCHITECT'S SEAL & SIGNATURE
 OWNER/AUTH. SIGN.
 SYED MOHD. IMRAN
 CA 93/19625
 Ashiana Housing Ltd.

Scale: 1:100
 Drawing Title:- 20TH FLOOR, M. ROOM, ROOF PLAN & AREA CALCULATIONS (ICONIC TOWER)
 Drawing No:- A-31

**Mismatched Between no. of Floor in plans & elevations are corrected Now

NOTE:ELEVATIONS ARE REVISED ACCORDING TO PLANS