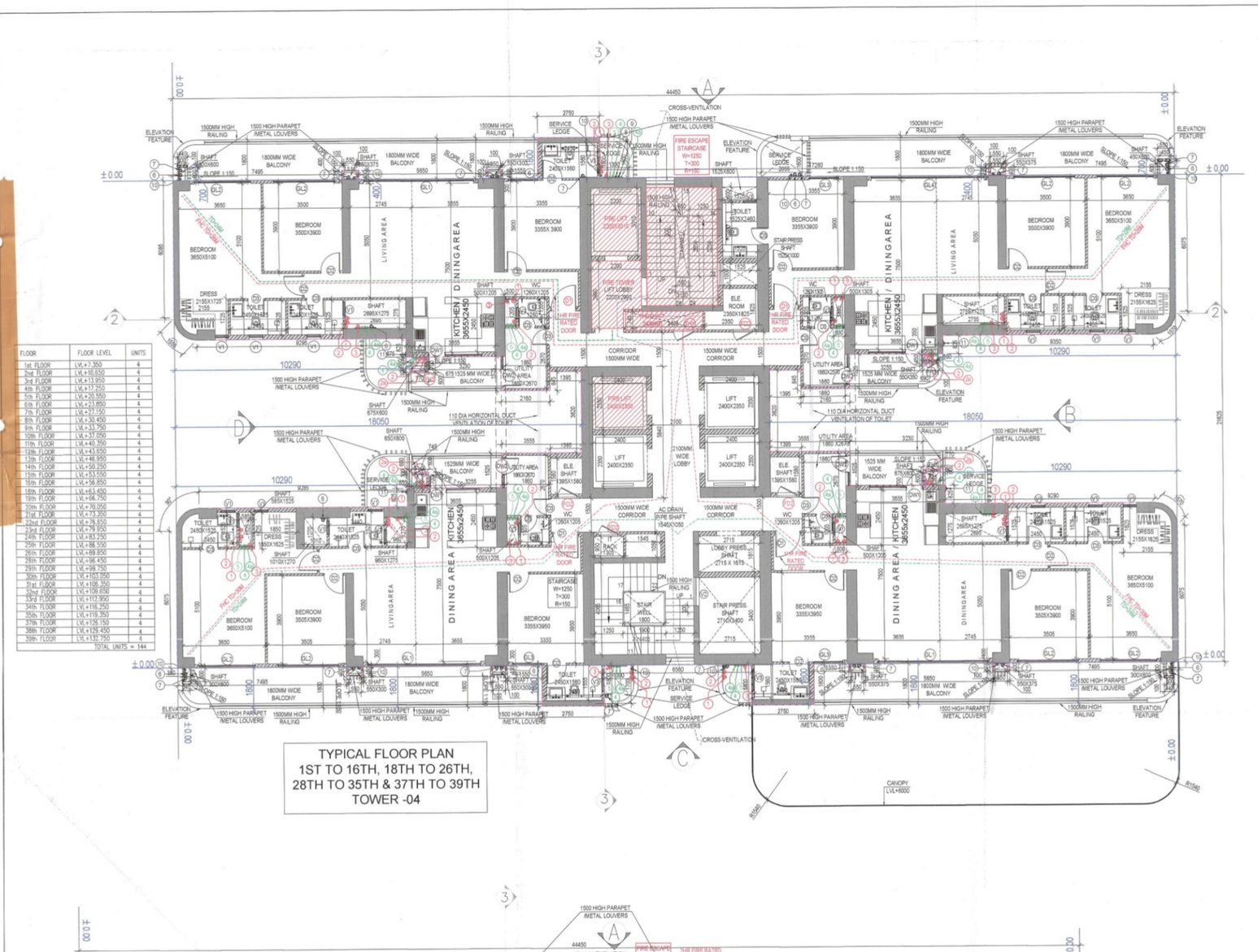


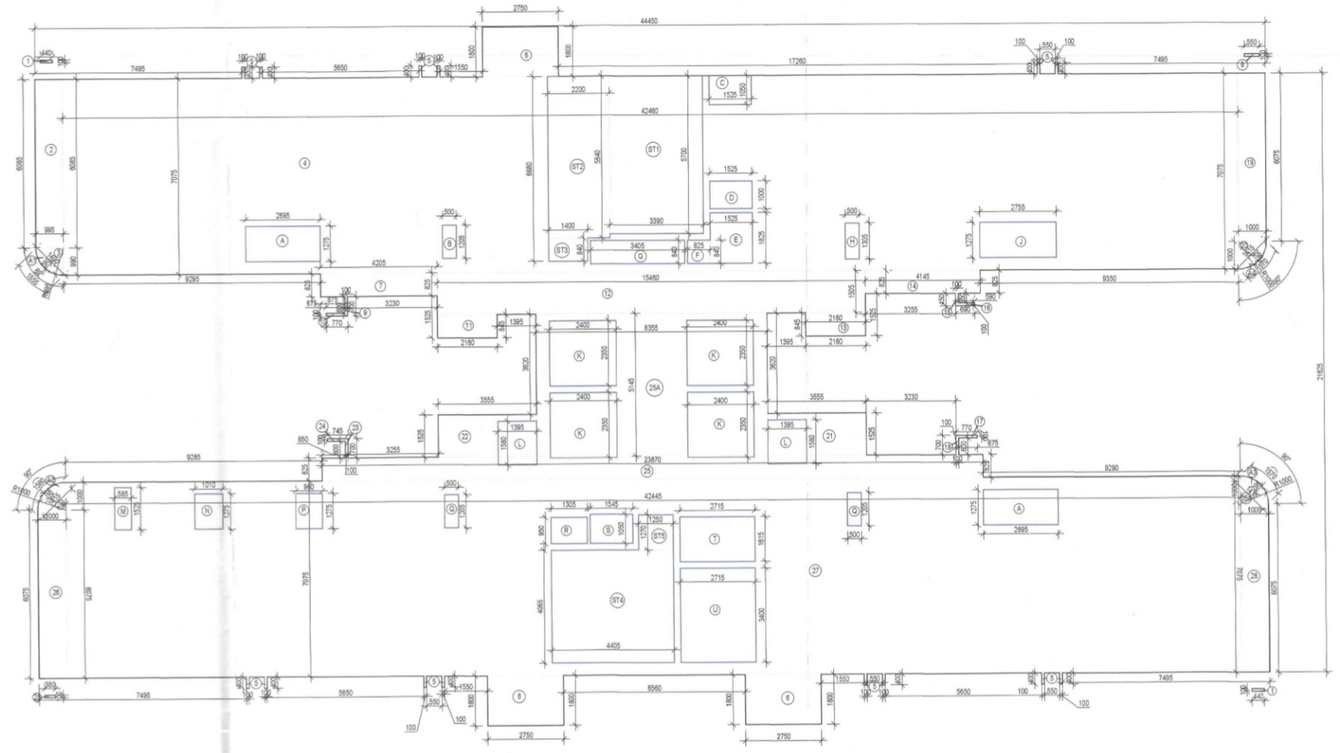
TYPICAL FLOOR PLAN
1ST TO 16TH, 18TH TO 26TH,
28TH TO 35TH & 37TH TO 39TH
TOWER -04

FLOOR	FLOOR LEVEL	UNITS
1st FLOOR	LVL+3.300	4
2nd FLOOR	LVL+6.150	4
3rd FLOOR	LVL+9.000	4
4th FLOOR	LVL+11.850	4
5th FLOOR	LVL+14.700	4
6th FLOOR	LVL+17.550	4
7th FLOOR	LVL+20.400	4
8th FLOOR	LVL+23.250	4
9th FLOOR	LVL+26.100	4
10th FLOOR	LVL+28.950	4
11th FLOOR	LVL+31.800	4
12th FLOOR	LVL+34.650	4
13th FLOOR	LVL+37.500	4
14th FLOOR	LVL+40.350	4
15th FLOOR	LVL+43.200	4
16th FLOOR	LVL+46.050	4
18th FLOOR	LVL+48.900	4
19th FLOOR	LVL+51.750	4
20th FLOOR	LVL+54.600	4
21st FLOOR	LVL+57.450	4
22nd FLOOR	LVL+60.300	4
23rd FLOOR	LVL+63.150	4
24th FLOOR	LVL+66.000	4
25th FLOOR	LVL+68.850	4
26th FLOOR	LVL+71.700	4
28th FLOOR	LVL+74.550	4
29th FLOOR	LVL+77.400	4
30th FLOOR	LVL+80.250	4
31st FLOOR	LVL+83.100	4
32nd FLOOR	LVL+85.950	4
33rd FLOOR	LVL+88.800	4
34th FLOOR	LVL+91.650	4
35th FLOOR	LVL+94.500	4
37th FLOOR	LVL+97.350	4
38th FLOOR	LVL+100.200	4
39th FLOOR	LVL+103.050	4
40th FLOOR	LVL+105.900	4
41st FLOOR	LVL+108.750	4
42nd FLOOR	LVL+111.600	4
43rd FLOOR	LVL+114.450	4
44th FLOOR	LVL+117.300	4
45th FLOOR	LVL+120.150	4
46th FLOOR	LVL+123.000	4
47th FLOOR	LVL+125.850	4
48th FLOOR	LVL+128.700	4
49th FLOOR	LVL+131.550	4
50th FLOOR	LVL+134.400	4
51th FLOOR	LVL+137.250	4
52th FLOOR	LVL+140.100	4
53th FLOOR	LVL+142.950	4
54th FLOOR	LVL+145.800	4
TOTAL UNITS = 144		

REFUGE FLOOR PLAN
17TH,27TH & 36TH
TOWER - 4

FLOOR	FLOOR LEVEL	UNITS
17th FLOOR	LVL+52.150	4
27th FLOOR	LVL+77.550	4
36th FLOOR	LVL+97.950	3
TOTAL UNITS = 11		

AREA CALCULATION OF
TYPICAL REFUGE FLOOR
TOWER - 4



AREA CALCULATION OF
1ST TO 16TH, 18TH TO 26TH,
28TH TO 35TH & 37TH TO 39TH TYPICAL FLOOR
TOWER -04

DOOR WINDOW OPENING SCHEDULE							
S.No.	ITEM	SIZE	C.I.W.S.	LVL	LOCATION		REMARKS
01	D1	1150X2250	---	2250	ENTRANCE/OTHER FIRE RATED		
02	D2	1050X2250	---	2250	ROOM		
03	D3	1000X2250	---	2250	ROOM		
04	D4	750X2250	---	2250	TOILET		
05	D5	1350X2450	---	2450	STAIRCASE		
06	D6	1050X2450	---	2450	H. TOILET		
07	DW1	2400X2450	---	2450	KITCHEN		
07A	DW1	2000X2450	---	2450	KITCHEN		
08	GL1	1650 X 2450	---	2450	BALCONY		
09	GL2	2550X2450	---	2450	BALCONY		
10	GL3	4280X2450	---	2450	BALCONY		
11	GL4	4450X2450	---	2450	BALCONY		
12	V1	600X1225	1225	2450	TOILET		
13	V2	500X1225	1225	2450	FIX GLASS		
14	V3	1300X1450	1000	2450	STAIRCASE		
15	V4	1250X1450	1000	2450	STAIRCASE		
16	FD1	1250X2450	---	2450	STAIRCASE 2 HR FIRE RATING		
17	FD2	1000X2300	150	2450	2 HR FIRE RATING ELEC. ROOM		
18	FD3	1150X2450	---	2450	2 HR FIRE DOOR		
19	FH	900X2300	150	2450	DOOR (FHC)		

PLUMBING LEGEND:-	
1	110 OD uPVC soil Pipe IS:13592 type B
2	110 OD uPVC waste Pipe IS:13592 type B
2A	110 OD uPVC waste Pipe For Utility Balcony IS:13592 type B
3	110 OD uPVC ANTISYPHONAGE PIPE IS:13592 type A
4	DWS ON TAKE PIPE
4A	DWS FROM BOOSTER PUMP FOR TOP THREE FLOOR'S
5	FWS ON TAKE PIPE
6	110 OD uPVC TERRACE RAIN WATER PIPE IS:4985. 6 KG/CM2
7	110 OD uPVC BALCONY DRAINAGE PIPE IS:4985. 6 kg/cm2
8	DOMESTIC WATER SUPPLY RISER
9	FLUSHING WATER SUPPLY RISER
10	75Ø AC DRAIN PIPE
11	65Ø PNG PIPE
● FT	FLOOR TRAP 110x110 WITH 125x125mm WITH GRATING
● FD	FLOOR DRAIN 90x93 WITH 125x125mm WITH GRATING
● MT	MULTI TRAP 90x93 WITH 125x125mm WITH GRATING
● BD	BALCONY DRAIN 110x75mm WITH 125x125 MM GRATING
	STRIP SUNK BY 50MM
WB TO FT	40(OD) WASTE PIPE (IS:4985. 6 Kg/cm2)
SINK TO FT	50(OD) WASTE PIPE (IS:4985. 6 Kg/cm2)
URINAL TO UT	50(OD) SOIL PIPE (IS:4985. 6 Kg/cm2)
	600X600MM STORM WATER CHAMBER
	110 OD uPVC SOIL PIPE
	110 OD uPVC WASTE PIPE

TOWER-4(1ST TO 16TH, 18TH TO 26TH, 28TH TO 35TH & 37TH TO 39TH TYPICAL FLOOR PLAN)

ADDITIONS

GROSS (A) ITEM	NO.S	WIDTH		LENGTH			AREA (SQ.MT.)
1	2	0.440	X	0.100	X	=	0.088
2	1	0.995	X	6.085	X	=	6.055
3	0.5	0.995	X	0.990	X	=	0.493
4	1	62.460	X	7.075	X	=	300.405
5	14	0.100	X	0.400	X	=	0.560
6	1	2.750	X	1.800	X	=	14.850
7	1	4.205	X	0.825	X	=	3.469
8	1	0.550	X	0.100	X	=	0.055
9	1	0.600	X	0.100	X	=	0.060
10	1	0.770	X	0.100	X	=	0.077
11	1	2.160	X	0.845	X	=	1.825
12	1	15.460	X	1.505	X	=	23.267
13	1	2.160	X	0.845	X	=	1.825
14	1	4.145	X	0.825	X	=	3.420
15	1	0.100	X	0.350	X	=	0.035
16	1	0.690	X	0.100	X	=	0.069
17	1	0.770	X	0.100	X	=	0.077
18	1	1.000	X	1.075	X	=	6.075
19	0.50	1.000	X	1.000	X	=	0.500
20	1	3.555	X	1.525	X	=	5.421
21	1	3.555	X	1.525	X	=	5.421
22	1	0.745	X	0.100	X	=	0.075
23	1	0.745	X	0.100	X	=	0.075
24	1	23.870	X	0.825	X	=	19.693
25A	1	4.145	X	5.145	X	=	42.986
26	2	1.000	X	6.075	X	=	12.150
26A	1	1.000	X	1.000	X	=	0.500
27	1	42.445	X	7.075	X	=	300.296
28	1	0.380	X	0.100	X	=	0.019
29	0.5	1.000	X	1.000	X	=	0.500
TOTAL (A)							**750.403**

DEDUCTION

GROSS (C) ITEM	NO.S	WIDTH		LENGTH			AREA (SQ.MT.)
A	2	2.695	X	1.275	X	=	6.872
B	1	0.500	X	1.205	X	=	0.603
C	1	1.525	X	1.050	X	=	1.601
D	1	1.525	X	1.000	X	=	1.525
E	1	1.525	X	1.825	X	=	2.783
F	1	0.825	X	0.840	X	=	0.693
G	1	3.405	X	0.840	X	=	2.860
H	1	0.500	X	1.305	X	=	0.653
I	1	2.755	X	1.275	X	=	3.513
K	4	2.400	X	2.350	X	=	22.560
L	2	1.395	X	1.580	X	=	4.408
M	1	0.585	X	1.525	X	=	0.892
N	1	1.010	X	1.275	X	=	1.288
P	1	0.960	X	1.275	X	=	1.224
Q	2	0.500	X	1.205	X	=	1.205
R	1	1.305	X	0.950	X	=	1.240
S	1	1.545	X	1.050	X	=	1.622
T	1	2.715	X	1.615	X	=	4.385
U	1	2.715	X	3.400	X	=	9.231
TOTAL (C) =							**69.157**

NON FAR AREA (STAIRCASE) DEDUCTION

GROSS (D) ITEM	NO.S	WIDTH		LENGTH			AREA (SQ.MT.)
ST1	1	3.390	X	5.700	X	=	19.323
ST2	1	2.200	X	5.840	X	=	12.848
ST3	1	1.400	X	0.840	X	=	1.176
ST4	1	4.405	X	4.065	X	=	17.906
ST5	1	1.250	X	1.270	X	=	1.588
TOTAL (D) =							**52.841**

TOTAL FAR AREA CALCULATION TOWER-1 (TYPICAL FLOOR)							
=	GROSS-A	+	GROSS-B	-	GROSS-C	-	GROSS-D
TOTAL FAR AREA	750.402	+	1.302	-	69.157	-	52.841
	629.506			SQMT			
=	FAR AREA	+	NON FAR AREA				
TOTAL BUILTUP AREA	629.506	+	52.841	=	**682.348**		**SQMT.**
TOTAL NON FAR AREA	BUILT UP AREA	-		FAR AREA			
=	682.348	-		629.506		**52.842**	**SQMT.**

TOWER-4(1ST TO 16TH, 18TH TO 26TH, 28TH TO 35TH & 37TH TO 39TH TYPICAL FLOOR PLAN)

ADDITION

GROSS – B																		
A1	3.14	X	0.995	X	0.995	X	89	/	360	-	0.5	X	0.995	-	0.290	X	1.400	=	0.275	SQM
A2	3.14	X	1.000	X	1.000	X	90	/	360	-	0.5	X	1.000	-	0.295	X	1.495	=	0.258	SQM
A3	3.14	X	1.000	X	1.000	X	90	/	360	-	0.5	X	1.000	-	0.295	X	1.415	=	0.286	SQM
A4	3.14	X	1.000	X	1.000	X	90	/	360	-	0.5	X	1.000	-	0.290	X	1.415	=	0.283	SQM
																	TOTAL	=	**1.102**	**SQM**

TOWER-4 (17TH ,27TH,36TH TYPICAL REFUGE FLOOR)

ADDITIONS

GROSS (A) ITEM	NO.S	WIDTH		LENGTH			AREA (SQ.MT.)
1	2	0.440	X	0.100	X	=	0.088
2	1	0.995	X	6.085	X	=	6.055
3	0.5	0.995	X	0.990	X	=	0.493
4	1	13.700	X	7.075	X	=	96.928
4A	1	3.355	X	3.025	X	=	10.149
4B	1	25.405	X	7.075	X	=	179.740
4C	1	1.300	X	0.350	X	=	0.455
5	12	0.100	X	0.400	X	=	0.480
5A	1	0.200	X	1.600	X	=	0.320
5B	1	0.200	X	1.300	X	=	0.260
6	2	2.750	X	1.800	X	=	9.900
7	1	4.205	X	0.825	X	=	3.469
8	1	0.550	X	0.100	X	=	0.055
9	1	0.600	X	0.100	X	=	0.060
10	1	0.770	X	0.100	X	=	0.077
11	1	2.160	X	0.845	X	=	1.825
12	1	15.460	X	1.505	X	=	23.267
13	1	2.160	X	0.845	X	=	1.825
14	1	4.145	X	0.825	X	=	3.420
15	1	0.100	X	0.350	X	=	0.035
16	1	0.690	X	0.100	X	=	0.069
17	1	0.770	X	0.100	X	=	0.077
18	1	0.100	X	0.600	X	=	0.060
19	1	1.000	X	6.075	X	=	6.075
20	0.50	1.000	X	1.000	X	=	0.500
21	1	3.555	X	1.525	X	=	5.421
22	1	3.555	X	1.525	X	=	5.421
23	1	0.745	X	0.100	X	=	0.075
24	1	0.745	X	0.100	X	=	0.075
25	1	23.870	X	0.825	X	=	19.693
25A	1	8.355	X	5.145	X	=	42.986
26	2	1.000	X	6.075	X	=	12.150
26A	1	1.000	X	1.000	X	=	0.500
27	1	42.445	X	7.075	X	=	300.296
28	1	0.380	X	0.100	X	=	0.019
29	0.5	1.000	X	1.000	X	=	0.500
TOTAL (A)							**732.820**

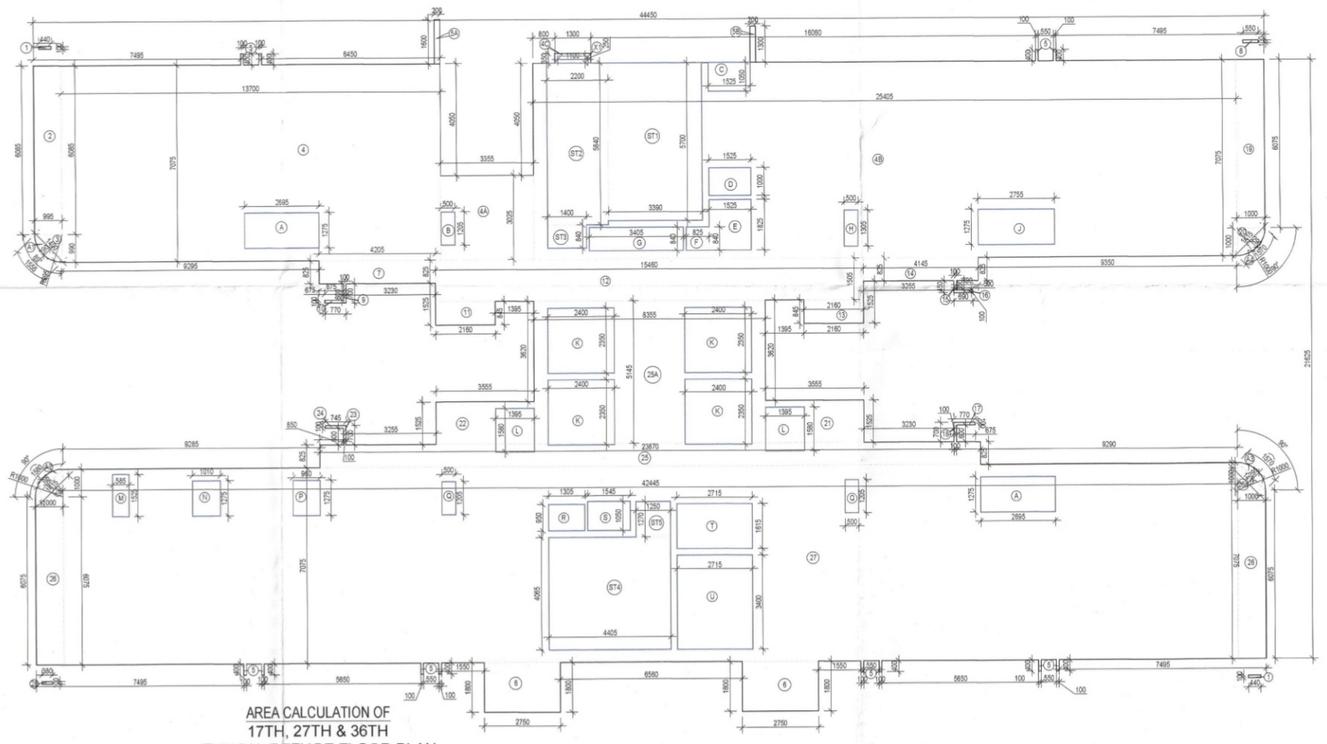
DEDUCTION

GROSS (C) ITEM	NO.S	WIDTH		LENGTH			AREA (SQ.MT.)
A	2	2.695	X	1.275	X	=	6.872
B	1	0.500	X	1.205	X	=	0.603
C	1	1.525	X	1.050	X	=	1.601
D	1	1.525	X	1.000	X	=	1.525
E	1	1.525	X	1.825	X	=	2.783
F	1	0.825	X	0.840	X	=	0.693
G	1	3.405	X	0.840	X	=	2.860
H	1	0.500	X	1.305	X	=	0.653
I	1	2.755	X	1.275	X	=	3.513
K	4	2.400	X	2.350	X	=	22.560
L	2	1.395	X	1.580	X	=	4.408
M	1	0.585	X	1.525	X	=	0.892
N	1	1.010	X	1.275	X	=	1.288
P	1	0.960	X	1.275	X	=	1.224
Q	2	0.500	X	1.205	X	=	1.205
R	1	1.305	X	0.950	X	=	1.240
S	1	1.545	X	1.050	X	=	1.622
T	1	2.715	X	1.615	X	=	4.385
U	1	2.715	X	3.400	X	=	9.231
X1	1	1.100	X	0.250	X	=	0.275
TOTAL (C) =							**69.432**

NON FAR AREA (STAIRCASE) DEDUCTION

GROSS (D) ITEM	NO.S	WIDTH		LENGTH			AREA (SQ.MT.)
ST1	1	3.390	X	5.700	X	=	19.323
ST2	1	2.200	X	5.840	X	=	12.848
ST3	1	1.400	X	0.840	X	=	1.176
ST4	1	4.405	X	4.065	X	=	17.906
ST5	1	1.250	X	1.270	X	=	1.588
TOTAL (D) =							**52.841**

TOTAL FAR AREA CALCULATION TOWER-4(17TH ,27TH,36TH TYPICAL REFUGE FLOOR							
=	GROSS-A	+	GROSS-B	-	GROSS-C	-	GROSS-D
TOTAL FAR AREA	732.820	+	1.102	-	69.432	-	52.841
	611.649			SQMT			
=	FAR AREA	+	NON FAR AREA	+	REFUGE AREA COUNTED FAR		
TOTAL BUILTUP AREA	611.649	+	52.841	+	**35.145**	=	**699.634**
TOTAL NON FAR AREA	BUILT UP AREA	-		FAR AREA			
=	699.634	-		611.649			
=	87.986	SQM.					



AREA CALCULATION OF
17TH, 27TH & 36TH
TYPICAL REFUGE FLOOR PLAN
TOWER -04

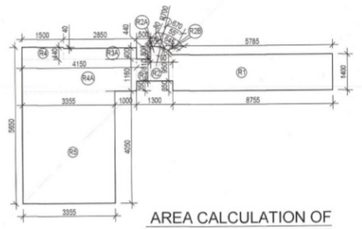
17TH , 27TH & 36TH FLOOR REFUGE AREA TOWER-4

GROSS – A									
R1	=	1	X	6.755	X	1.400	=	12.257	SQM
R2	=	1	X	1.790	X	0.850	=	0.791	SQM
R2A	=	0.5	X	0.850*1.790	X	0.500	=	0.190	SQM
R3	=	1	X	0.930	X	0.810	=	0.405	SQM
R4	=	1	X	1.500	X	0.810	=	0.750	SQM
R4A	=	1	X	1.500	X	0.400	=	0.360	SQM
R4A	=	1	X	4.150	X	1.180	=	4.814	SQM
R5	=	1	X	3.355	X	4.000	=	13.598	SQM
R6	=	1	X	0.350	X	0.850	=	1.348	SQM
						TOTAL	=	35.110	**SQM**

TOTAL REFUGE AREA	=	GROSS – A	+	GROSS – B	
	=	35.110	+	0.035	
	=	35.145	GROSS – 1		
GROSS AREA OF TYPICAL FLOOR	=	682.348	SQM		
GROSS AREA OF TYPICAL FLOOR	=	682.348			
	=	1364.696	SQM		
REFUGE AREA REQUIRED	=	(1364.696X3.3)/12.5	=	ADDITIONAL SPACE TO ACCOMMODATE WHEEL CHAIR SPACE @ 0.9 SQM PER 200 POPULATION	0.9
	=	32.703	=		
	=	33.893	SQM		
REFUGE AREA PROVIDED	=	GROSS – 1			
	=	35.145	SQM		

17TH , 27TH & 36TH FLOOR REFUGE AREA TOWER-4

ADDITION																		
GROSS – B																		
R2R	3.14	X	0.700	X	0.700	X	90	/	360	-	0.5	X	0.700	-	0.080	X	0.845	= 0.859 SQM
																	TOTAL	= 0.859 **SQM**



AREA CALCULATION OF
TYPICAL REFUGE FLOOR
TOWER - 4

TOWER-4 (17TH ,27TH,36TH TYPICAL REFUGE FLOOR)

ADDITION

GROSS – B																		
A1	3.14	X	0.995	X	0.995	X	89	/	360	-	0.5	X	0.995	-	0.290	X	1.400	= 0.275 SQM
A2	3.14	X	1.000	X	1.000	X	90	/	360	-	0.5	X	1.000	-	0.295	X	1.495	= 0.258 SQM
A3	3.14	X	1.000	X	1.000	X	90	/	360	-	0.5	X	1.000	-	0.295	X	1.415	= 0.286 SQM
A4	3.14	X	1.000	X	1.000	X	90	/	360	-	0.5	X	1.000	-	0.290	X	1.415	= 0.283 SQM
																	TOTAL	= **1.102 SQM**

Note :-
ALL FLOOR MECHANICAL VENTILATED LIGHTED & 100% POWER BACKUP.
AIR CONDITIONING SYSTEM IS BEING PROVID DG POWER BACKUP IS BEING PROVIDED.
TOILET ARE MECHANICAL VENTILATED.
ALL LIFTS SHALL HAVE POWER BACK–UP.
ALL ELECTRICAL INSTALLATION SHELL BE AS PER
PROVISION OF RELEVANT CODE.
FIRE/FIGHTING/SAFETY PROVISIONS WILL BE AS PER
RELEVANT CODE PROVISIONS.
BASEMENT AREA SHELL HAVE MECHANICALLY VENTILATED AS
PER RELEVANT CODE.
ALL TOILETS ARE VENTILATED AS PER HARYANA
BUILDING CODE 2017.
BUILDINGS HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER
REQUIRED BY RELEVANT CODE.
BUILDING WILL BE DESIGNED(STRUCTURES)AS PER RELEVANT
I.S.CODES FOR EARTHQUAKE RESISTANCE.
SOLAR PANELS OF REQUIRED CAPACITY SHELL BE PROVIDED
AS PER HARE DA/ZONING NORMS.
ALL HANDICAP RAMPS WITH RAILING.
ALL FIRE FIGHTING INSTALLATIONS SHELL BE AS PER
PROVISION OF RELEVANT CODE.
THE RAINWATER HARVESTING SYSTEM SHELL BE PROVIDED AS
PER CENTRAL GROUND WATER AUTHORITY NORMS.

S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(I) Member B.P.A.C. | T.C.P.(HR) Chairman B.P.A.C.
DTP(HQ) | ATP(HQ)
J.D. | P.A. | A.T.P
ADTP(HQ) Member BPAC | CHIEF ENGINEER PWD(HQ)
FSO, (HQ) Member BPAC

RANGTOWERS
TO 100 ROAD WITH 18.0 OFFICE
MEMO NO.:
DATED :

PROJECT:

Proposed Building Plans for Residential Colony under NILP Policy 2022, Licence No. 129 of 2025 Dated 23.07.2025 over an area measuring 11.35625 Acres in the Revenue Estate of Village Ullawas, Sector-60 & 63 A, Gurugram being Developed by Godrej Properties Ltd.

ASSOCIATE ARCHITECTS

ACPL DESIGN PVT. LTD.
E – 24, South Extension Part –1,
New Delhi, Delhi, India – 110049.

OWNER'S SEAL & SIGNATURE

For Godrej Properties Ltd.
Authorised Signatory

ARCHITECT'S SEAL & SIGNATURE

Checked and found ok for Public Health (dem)l Service only subject to comments in forwarding letter No. dtd

Superintending Engineer (HQ) for Chief Engineer I

MAY– 2026 | Scale : 1:100

Drawing Title:–
TOWER 04
TYPICAL FLOOR PLAN,
REFUGE FLOOR PLAN
& AREA CALCULATION

Drawing No:– T4-02