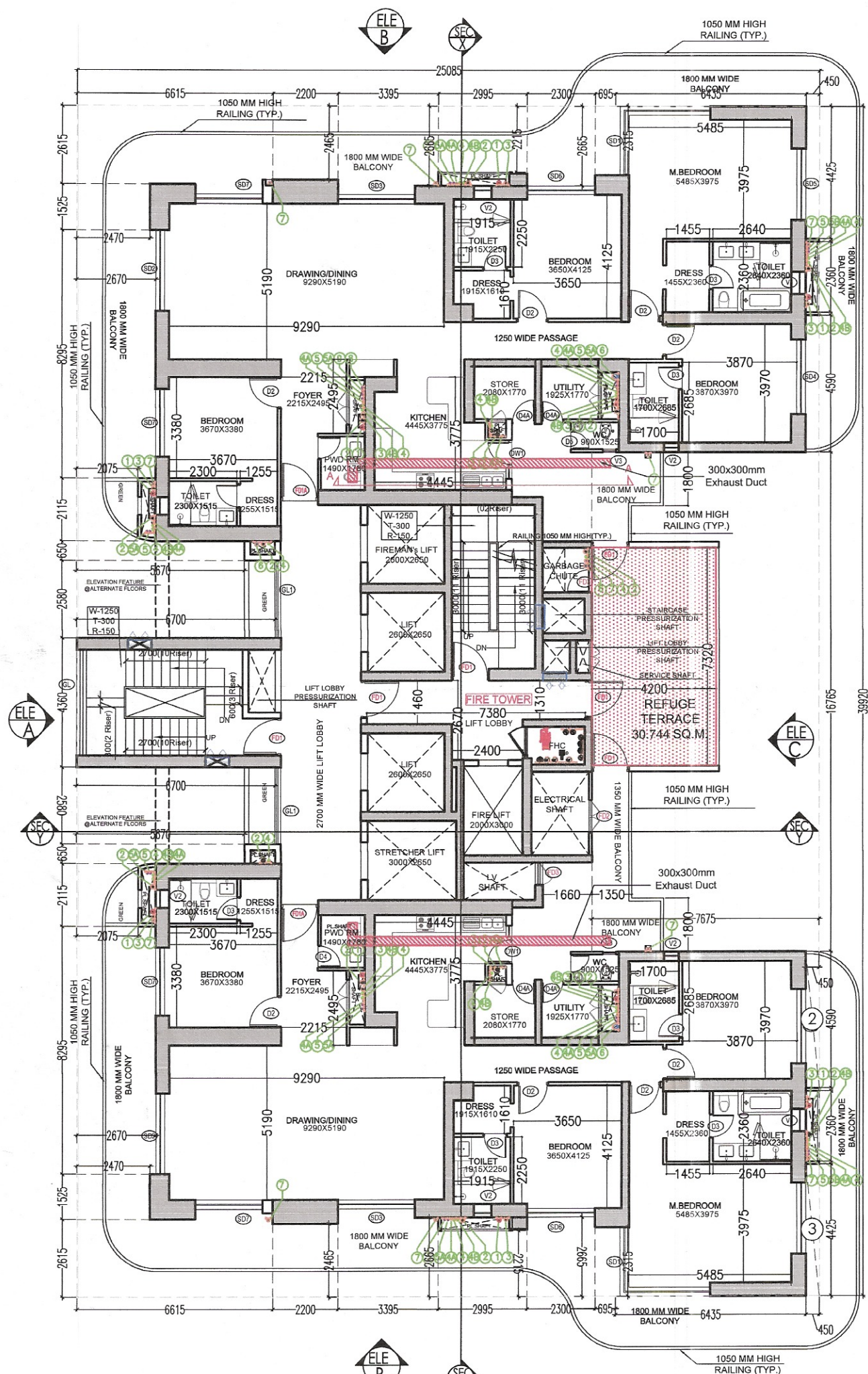
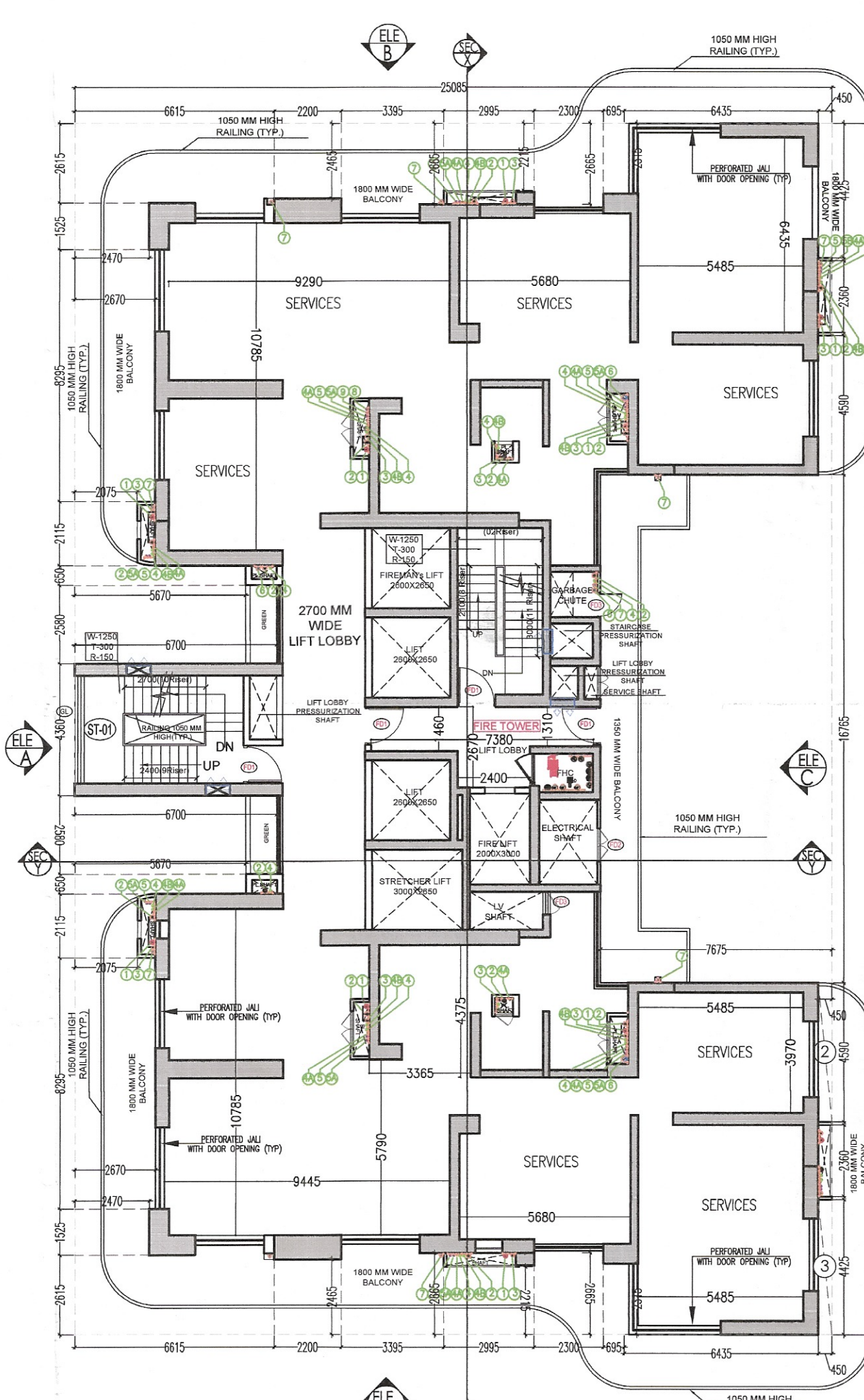
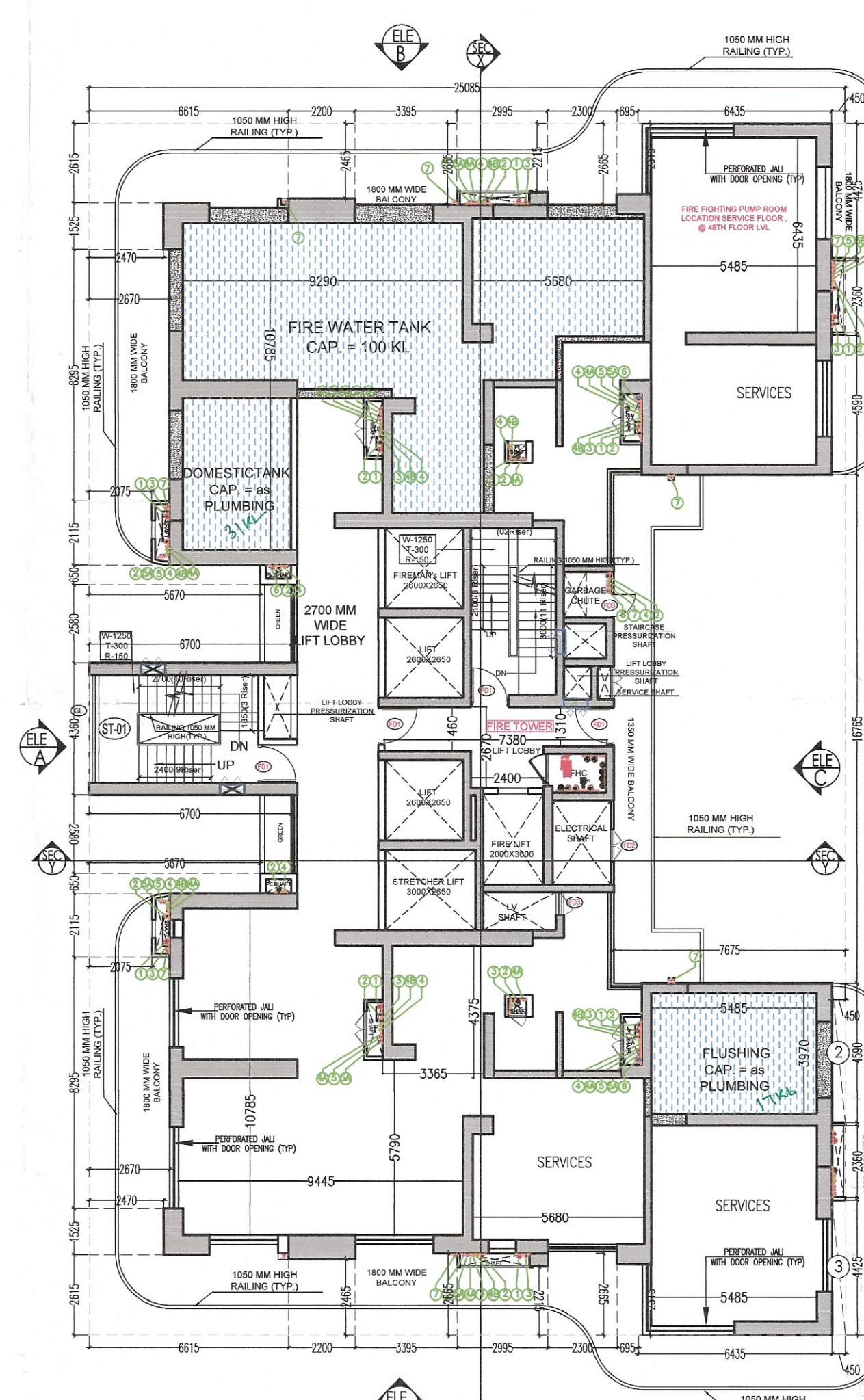




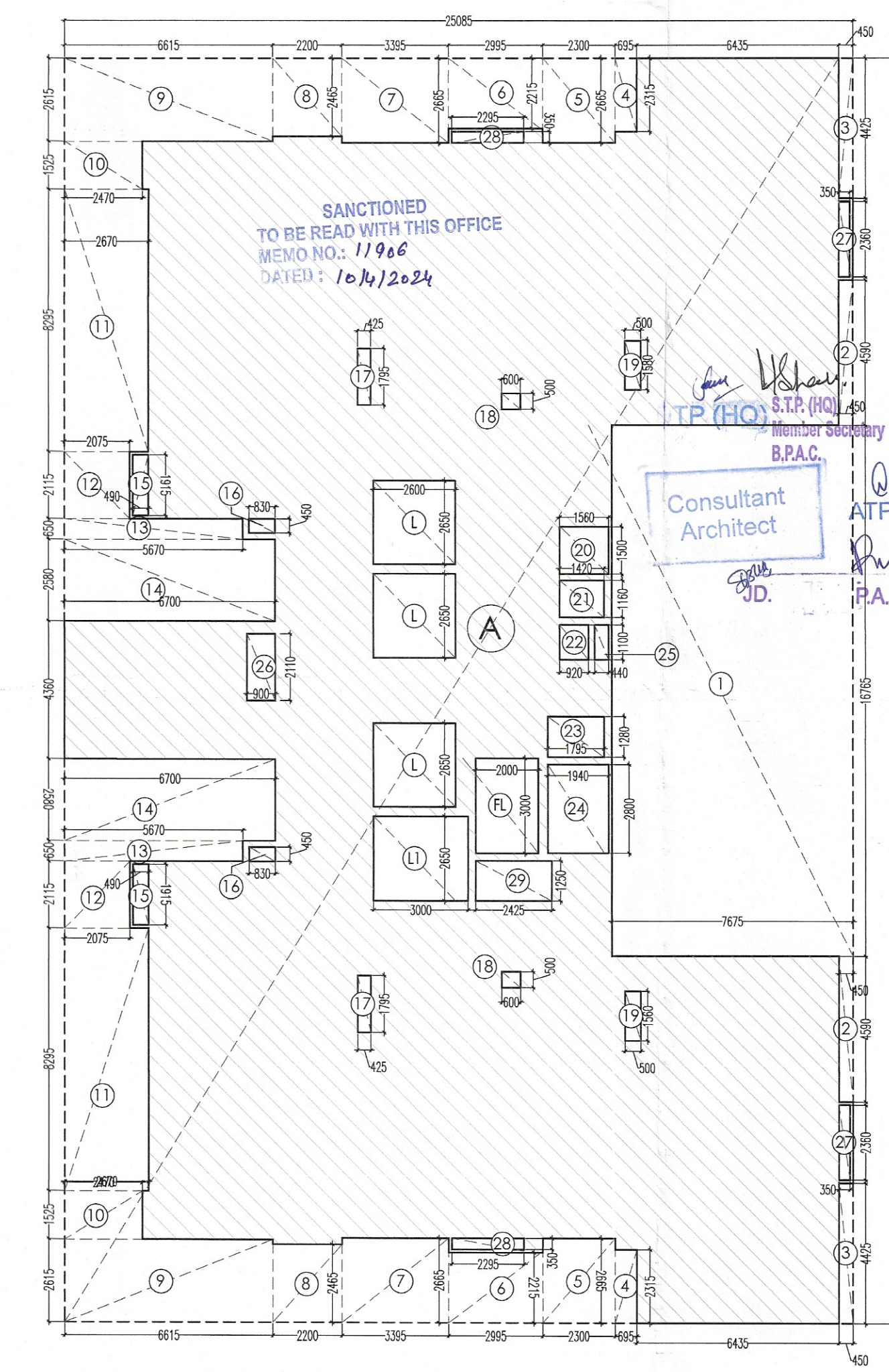
TYPICAL REFUGE LVL. PLAN
(16th @Lvl.+60150.), (24th @Lvl.+89700),
(32nd@Lvl. +119700) & (40th@Lvl. +149950)



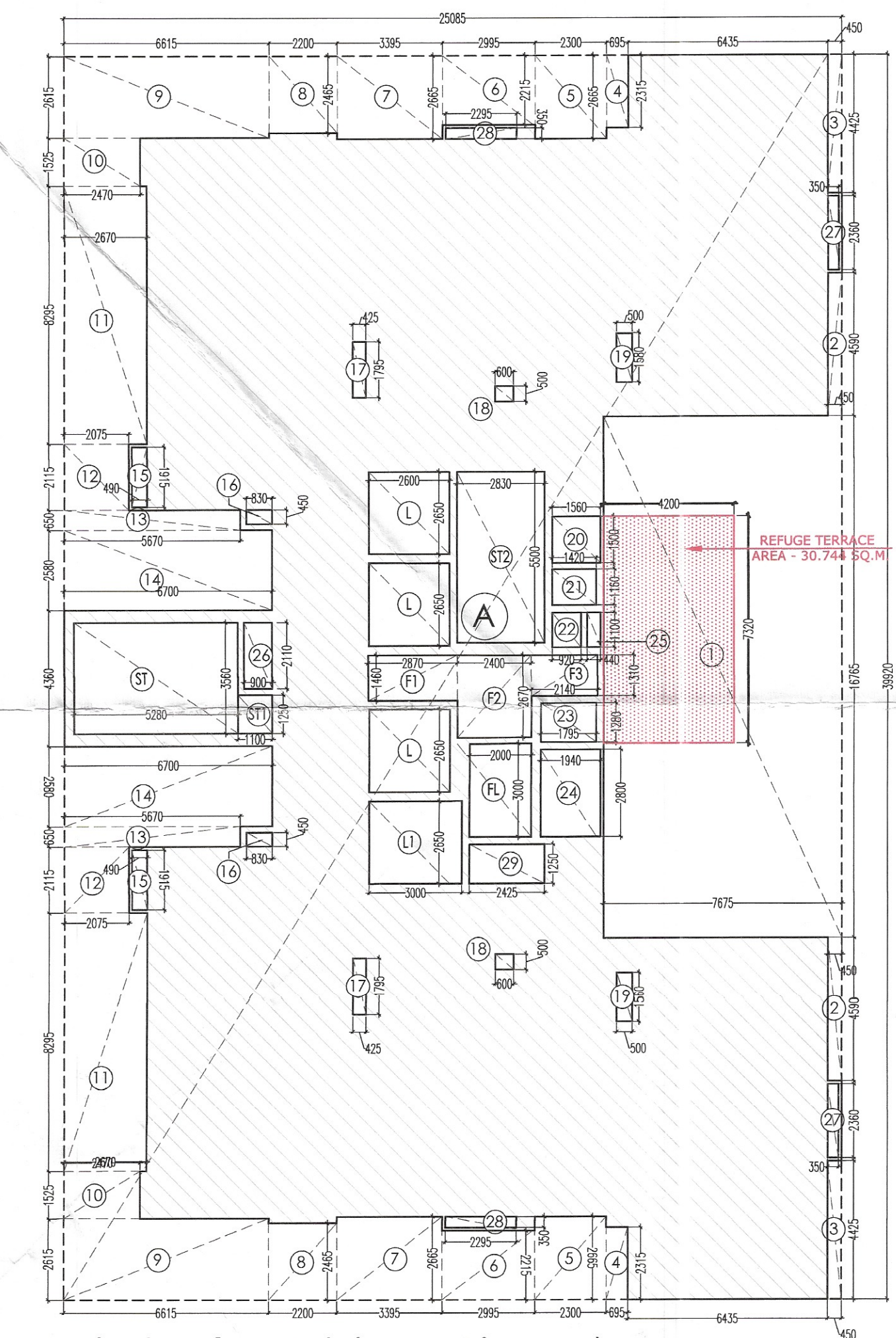
**Service Floor at
23rd floor lvl plan**



**Service Floor at
48th floor lvl plan**



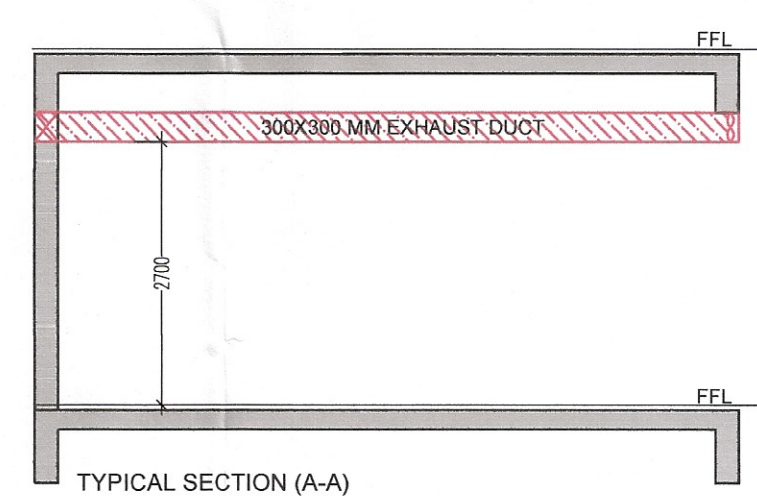
**23rd & 48th floor lvl plan
(Service floors) Area Diagram**



Typical Refuge Lvl. (Area Diagram)

S.No.	Description	
1	Gross Area at Typical Floor Level	= 607.446 sqm.
2	Area of 2 Consecutive Floors	= 1214.892 sqm.
3	Max. no. of Occupants @ 12.5sqm./ Person	= 97 Persons
4	Area required for Refuge Terrace @ 0.3 sqm./ person (16th, 24th, 32nd & 40th Floor)	= 29.157 sqm.
5	Additional Required area for Wheelchair	= 0.900 sqm.
6	Total Refuge area Required	= 30.057 sqm.
7	Refuge Terrace Area proposed	= 30.744 sqm.

TOWER - A - TYPICAL FLOOR AREA AT REFUGE LEVEL (16th, 24th, 32nd & 40th Floor)									
TOTAL AREA (A) = 39.920 X 25.085 = 1001.393 Sq mtrs.									
DEDUCTIONS									
1	16.765	X	7.675	=	128.671	X	1	=	128.671
2	4.590	X	0.450	=	2.066	X	2	=	4.131
3	4.425	X	0.450	=	1.991	X	2	=	3.983
4	2.315	X	0.695	=	1.609	X	2	=	3.218
5	2.665	X	2.300	=	6.130	X	2	=	12.259
6	2.215	X	2.995	=	6.634	X	2	=	13.268
7	2.665	X	3.395	=	9.048	X	2	=	18.095
8	2.465	X	2.200	=	5.423	X	2	=	10.846
9	2.615	X	6.615	=	17.298	X	2	=	34.596
10	1.525	X	2.470	=	3.767	X	2	=	7.534
11	8.295	X	2.670	=	22.148	X	2	=	44.295
12	2.115	X	2.075	=	4.389	X	2	=	8.777
13	0.650	X	5.670	=	3.686	X	2	=	7.371
14	2.580	X	6.700	=	17.286	X	2	=	34.572
15	1.915	X	0.490	=	0.938	X	2	=	1.877
16	0.830	X	0.450	=	0.374	X	2	=	0.747
17	1.795	X	0.425	=	0.763	X	2	=	1.526
18	0.500	X	0.600	=	0.300	X	2	=	0.600
19	1.560	X	0.500	=	0.780	X	2	=	1.560
20	1.500	X	1.560	=	2.340	X	1	=	2.340
21	1.160	X	1.420	=	1.647	X	1	=	1.647
22	1.100	X	0.920	=	1.012	X	1	=	1.012
23	1.280	X	1.795	=	2.298	X	1	=	2.298
24	2.800	X	1.940	=	5.432	X	1	=	5.432
25	1.100	X	0.440	=	0.484	X	1	=	0.484
26	2.110	X	0.900	=	1.899	X	1	=	1.899
27	2.360	X	0.350	=	0.826	X	2	=	1.652
28	0.350	X	2.295	=	0.803	X	2	=	1.607
29	1.250	X	2.425	=	3.031	X	1	=	3.031
ST	3.560	X	5.280	=	18.797	X	1	=	18.797
ST1	1.250	X	1.100	=	1.375	X	1	=	1.375
ST2	5.500	X	2.830	=	15.565	X	1	=	15.565
FL	3.000	X	2.000	=	6.000	X	1	=	6.000
L	2.650	X	2.600	=	6.890	X	3	=	20.670
L1	2.650	X	3.000	=	7.950	X	1	=	7.950
F1	1.460	X	2.870	=	4.190	X	1	=	4.190
F2	2.670	X	2.400	=	6.408	X	1	=	6.408
F3	1.310	X	2.140	=	2.803	X	1	=	2.803
TOTAL AREA TO BE DEDUCTED (B)									= 443.086
TYPICAL FLOOR AREA (C)									= 1001.393 - 443.086 = 558.307
NET FLOOR AREA									= 558.307 sq mtrs.



FAR AREA AT REFUGE FLOOR (16th, 24th, 32nd & 40th Floor)	558.307	Sq mtrs.
BUILTUP AREA AT REFUGE FLOOR (16th, 24th, 32nd & 40th Floor) (FAR Area + Area of Staircase+Area of Fire Tower Lift Lobby+Refuge Area)	638.190	Sq mtrs.

TOWER-A SCHEDULE OF OPENING						
Sr. No.	LEGEND	WIDTH (MM)	CILL (MM)	UNTEL (MM)	HEIGHT (MM)	REMARK
		For DOOR				
1	D1	1250	-	0	2100	2100
2	D2	1050	-	0	2100	2100
3	D3	800	-	0	2100	2100
4	D4	750	-	0	2100	2100
5	D4A	750	-	0	2100	2100
6	D5	600	-	0	2100	2100
7	D6	900	-	0	2100	2100
8	KD	1250	-	0	2100	2100
9	MD	2000	-	0	2100	2100
10	S01	2745+2015	-	0	2700	2700
11	S02	2700	-	0	2700	2700
12	S03	2600	-	0	2700	2700
13	S04	2505	-	0	2700	2700
14	S05	2395	-	0	2700	2700
15	S06	2300	-	0	2700	2700
16	S07	2275	-	0	2700	2700
17	DW1	850	425	1050	2700	2700
18	W1	0	1050	1050	2700	2700
19	W2	0	900	1050	2700	2700
20	V1	-	750	1200	2700	1500
21	V2	-	600	1200	2700	1500
22	V3	-	450	1200	2700	1500
23	V4	-	1675	1200	2700	1500
24	V5	-	2500	1200	2700	1500
25	GL	-	3560	0	Landing Lvl.	
26	GL1	-	3250	0	Landing Lvl.	
27	GL2	-	2745+2015	0	2700	2700
28	GL3	-	2700	0	2700	2700
29	GL4	-	2600	0	2700	2700
30	GL5	-	2505	0	2700	2700
31	GL6	-	2275	0	2700	2700
32	GL7	-	1400	0	2700	2700
33	GL8	-	2300	0	2700	2700
34	GL9	-	2395	0	2700	2700
35	GL10	-	2000	0	2700	2700
Fire Doors						
36	FD	2000	-	0	2100	2100 2.0 HR FIRE RATED
37	FD1	1250	-	0	2100	2100 2.0 HR FIRE RATED
38	FD1A	1050	-	0	2100	2100 1.0 HR FIRE RATED
39	FD2	900	-	0	2100	2100 2.0 HR FIRE RATED
40	FD3	800	-	0	2100	2100 2.0 HR FIRE RATED

TOWER - A - 23rd & 48th FLOOR AREA (Service Floor)									
TOTAL AREA (A) = 39.920 X 25.085 = 1001.393 Sq mtrs.									
DEDUCTIONS									
1	16.765	X	7.675	=	128.671	X	1	=	128.671
2	4.590	X	0.450	=	2.066	X	2	=	4.131
3	4.425	X	0.450	=	1.991	X	2	=	3.983
4	2.315	X	0.695	=	1.609	X	2	=	3.218
5	2.665	X	2.300	=	6.130	X	2	=	12.259
6	2.265	X	2.995	=	6.784	X	2	=	13.567
7	2.665	X	3.395	=	9.048	X	2	=	18.095
8	2.465	X	2.200	=	5.423	X	2	=	10.846
9	2.615	X	6.615	=	17.298	X	2	=	34.596
10	1.525	X	2.470	=	3.767	X	2	=	7.534
11	8.295	X	2.670	=	22.148	X	2	=	44.295
12	2.115	X	2.075	=	4.389	X	2	=	8.777
13	0.650	X	5.670	=	3.686	X	2	=	7.371
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16	0.830	X	0.450	=	0.374	X	2	=	0.747
17	1.795	X	0.425	=	0.763	X	2	=	1.526
18	0.500	X	0.600	=	0.300	X	2	=	0.600
19	1.560	X	0.500	=	0.780	X	2	=	1.560
20	1.500	X	1.560	=	2.340	X	1	=	2.340
21	1.160	X	1.420	=	1.647	X	1	=	1.647
22	1.100	X	0.920	=	1.012	X	1	=	1.012
23	1.280	X	1.795	=	2.298	X	1	=	2.298
24	2.800	X	1.940	=	5.432	X	1	=	5.432
25	1.100	X	0.440	=	0.484	X	1	=	0.484
26	2.110	X	0.780	=	1.646	X	1	=	1.646
27	2.360	X	0.350	=	0.826	X	2	=	1.652
28	0.350	X	2.295	=	0.803	X	2	=	1.607
29	1.250	X	2.425	=	3.031	X	1	=	3.031
TOTAL AREA TO BE DEDUCTED (B)									= 393.994
SERVICE FLOOR AREA (C)									= 1001.393 - 393.994 = 607.399
NET AREA									= 607.399 sq mtrs.

BUILTUP AREA OF SERVICE FLOOR @ (23rd & 48th Floor)	607.399	sq mtrs.
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Note :-

- BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
- BUILDING SHALL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE (BSE 8000) AND FOUND OK FOR PUBLIC HEALTH.
- FOR SOIL AND WASTE PIPE, THE RELEVANT IS CODES FOR APPROVED IN NBC 2019.
- ALL LIFT WELLS & BASEMENTS SHALL BE MECHANICALLY VENTILATED.
- ALL DIMENSIONS ARE IN MM.

Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

DDT (T) MEMBER BPAC

Consultant Architect

Memorandum

Sanctioned TO BE READ WITH THIS OFFICE
MEMO NO: 11966
DATED: 10/12/2024

DECRIPTION

- 110 OD SOIL AND VENT PIPE
- 110 OD WASTE AND VENT PIPE
- 75# ANTISIPHONAGE PIPE
- DOMESTIC WATER SUPPLY DN TAKE PIPE
- DOMESTIC WATER SUPPLY DN TAKE PIPE FOR TOP FIVE FLOORS (PRESSURE SUPPLY)
- DOMESTIC WATER SUPPLY DN TAKE PIPE
- FLUSHING WATER SUPPLY DN TAKE PIPE
- FLUSHING WATER SUPPLY DN TAKE PIPE
- 160 OD uPVC TERRACE RAIN WATER PIPE
- 75# uPVC RAIN WATER PIPE (BALCONY)
- DOMESTIC WATER SUPPLY RISER
- FLUSHING WATER SUPPLY RISER
- FLOOR DRAIN
- FLOOR TRAP
- LEDGE WALL
- CUTOUT IN FLOOR
- MAINTENANCE LOUVER DOOR REQUIRED

Ram Avtar Bassi JD(HQ)

KEY PLAN

Project:

PROPOSED GROUP HOUSING COLONY FOR AN AREA MEASURING 7.35625 ACRES (LICENCE NO. 136 OF 2023 DATED 30/06/2023) IN SECTOR - 32, SOHNA, BEING DEVELOPED BY ST. PATRICKS REALTY PVT. LTD. AND OTHERS.

Client:-

ST. PATRICKS REALTY PVT. LTD.

ARCHITECT'S SEAL & SIGNATURE

OWNER'S SEAL & SIGNATURE

GIAN P. SMATHUR ARCHITECT
B. Arch. M.C.A. I.I.A.
CA No. 80/5769

FEB. 2024

SCALE : 1:150

North

DRAWING TITLE:-

TOWER- A
REFUGE FLOOR at (16th, 24th, 32nd, 40th) & SERVICE FLOOR at (23rd & 48th Floor) PLAN & AREA DIAGRAM

DRAWING NO:-

SB/AR/TA/03

CENTRAL PARK-III