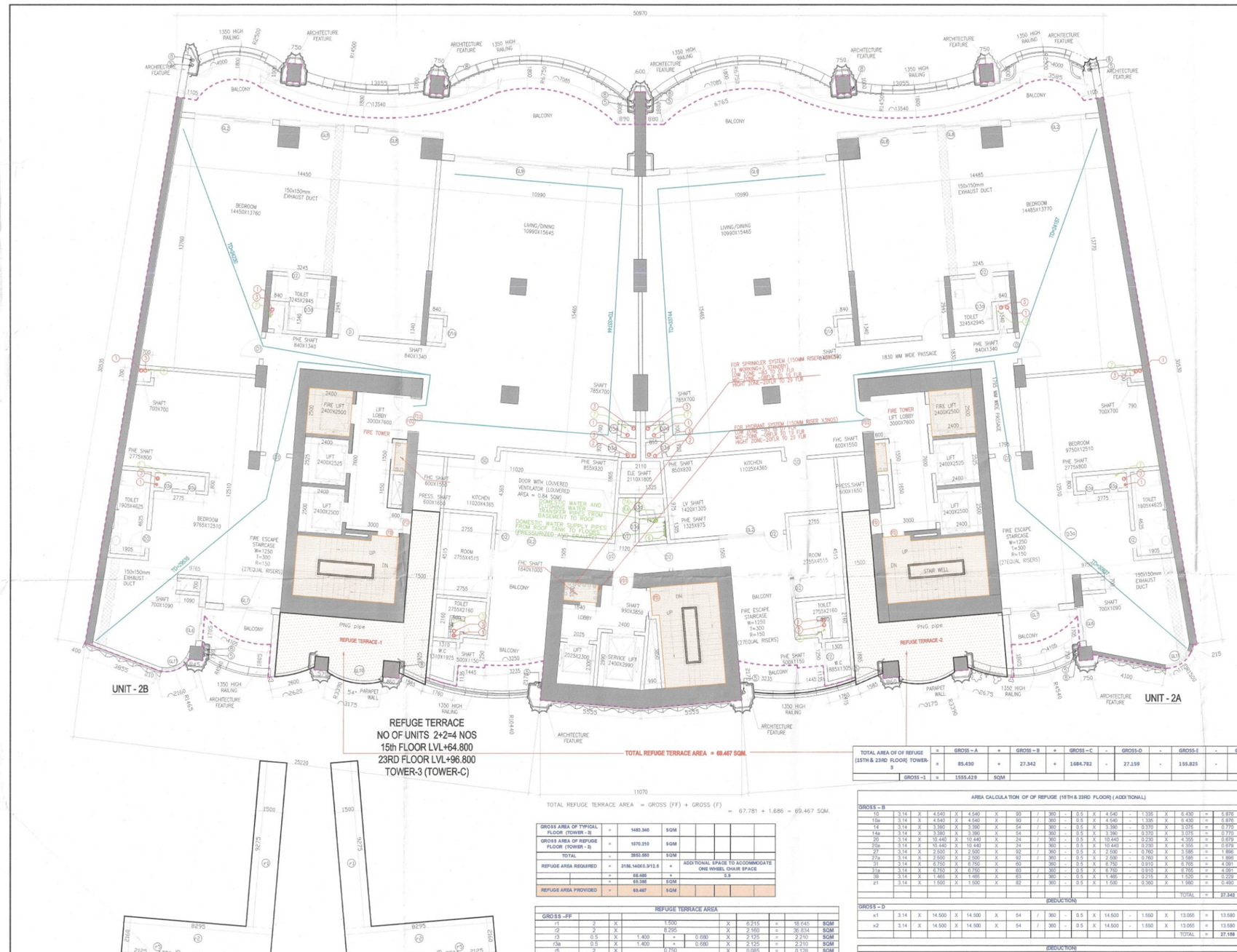


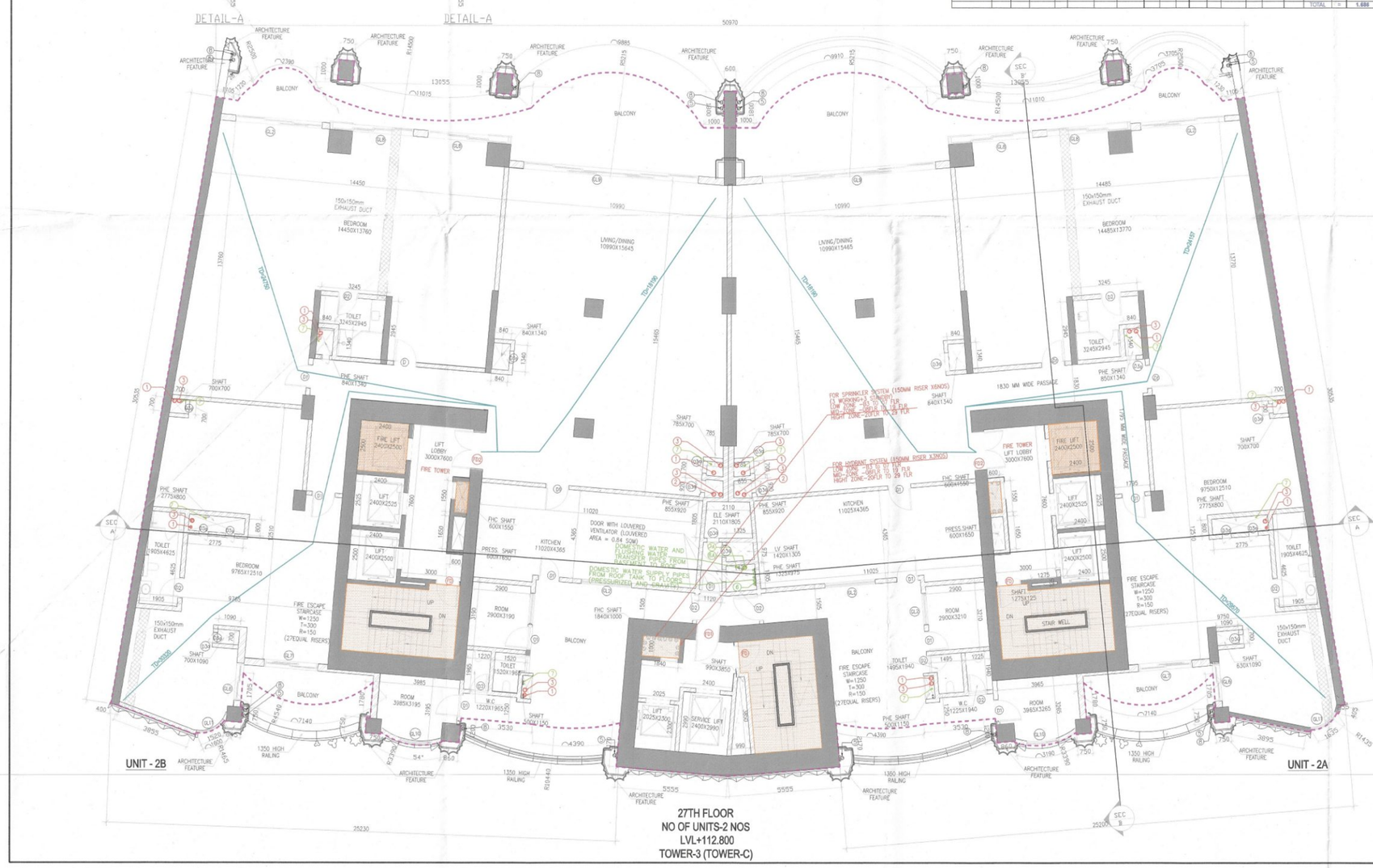
REFUGE TERRACE
NO OF UNITS 2+2=4 NOS
15th FLOOR LVL+64.800
TOWER-3 (TOWER-C)

TOTAL REFUGE TERRACE AREA = GROSS (Y) + GROSS (Y') = 67.781 + 1.686 = 69.467 SQM.

GROSS AREA OF TYPICAL FLOOR (TOWER - 3)	=	1445.040	SQM
GROSS AREA OF REFUGE FLOOR (TOWER - 3)	=	1070.210	SQM
TOTAL	=	2515.250	SQM
REFUGE AREA REQUIRED	=	5% OF TOTAL AREA 125.763	ADDITIONAL SPACE TO ACCOMMODATE ONE WHEEL CHAIR SPACE
	=	68.486	5.5
	=	69.000	
REFUGE AREA PROVIDED	=	69.487	SQM

REFUGE TERRACE AREA

GROSS - 2F																							
C	2	X															2.510	=	5.020	SQM			
D	2	X															2.245	=	4.490	SQM			
Da	0.5	X	1.400	+	1.400	X	0.5	=	0.490								1.225	=	2.210	SQM			
Db	0.5	X	1.400	+	0.595	X	0.5	=	0.498								0.995	=	2.193	SQM			
E	2	X															2.245	=	4.490	SQM			
Ea	0.5	X															0.225	=	0.113	SQM			
Eb	0.5	X															0.225	=	0.113	SQM			
F	2	X															2.510	=	5.020	SQM			
Fa	0.5	X	1.400	+	1.400	X	0.5	=	0.490								1.225	=	2.210	SQM			
Fb	0.5	X	1.400	+	0.595	X	0.5	=	0.498								0.995	=	2.193	SQM			
																	TOTAL	=	37.781	SQM			



27TH FLOOR
NO OF UNITS-2 NOS
LVL+112.800
TOWER-3 (TOWER-C)

AREA CALCULATION OF REFUGE FLOOR
(15TH & 23RD FLOOR) (TOWER-3) (ADDITIONAL)

GROSS - A																							
1	1.405	+															2.018	=	2.018	SQM			
3	1.200	+															1.000	=	0.440	/	2	=	0.220
5	1.000	+															1.225	=	1.550	/	2	=	0.775
6	4.950	+															3.680	=	0.580	/	2	=	0.290
7	3.695	+															4.990	=	2.195	/	2	=	1.098
13	0.950	+															2.485	=	1.760	/	2	=	0.880
13a	0.950	+															2.485	=	1.760	/	2	=	0.880
15	3.575	+															4.110	40	2.465	/	2	=	1.233
15a	3.575	+															4.110	40	2.465	/	2	=	1.233
16	1.465	+															4.510	+	3.810	/	2	=	1.905
16a	1.465	+															4.510	+	3.810	/	2	=	1.905
18	3.530	+															6.150	+	4.710	/	2	=	2.355
18a	3.530	+															6.150	+	4.710	/	2	=	2.355
19	4.725	+															6.150	+	12.495	/	2	=	6.248
19a	4.725	+															6.150	+	12.495	/	2	=	6.248
21	1.140	+															4.358	+	4.723	/	2	=	2.362
21a	1.140	+															4.358	+	4.723	/	2	=	2.362
22	2.170	+															5.555	+	5.963	/	2	=	2.982
22a	2.170	+															5.555	+	5.963	/	2	=	2.982
23	8.565	+															27.280	+	23.375	/	2	=	11.688
23a	8.565	+															27.280	+	23.375	/	2	=	11.688
24	25.160	+															28.535	+	26.195	/	2	=	13.098
24a	25.160	+															28.535	+	26.195	/	2	=	13.098
25	25.845	+															35.195	+	26.140	/	2	=	13.070
25a	25.845	+															35.195	+	26.140	/	2	=	13.070
26	1.090	+															3.345	+	3.585	/	2	=	1.793
26a	1.090	+															3.345	+	3.585	/	2	=	1.793
30	3.175	+															7.275	+	8.765	/	2	=	4.383
30a	3.175	+															7.275	+	8.765	/	2	=	4.383
33	3.030	+															7.275	+	8.475	/	2	=	4.238
33a	3.030	+															7.275	+	8.475	/	2	=	4.238
39	1.210	+															2.760	+	3.030	/	2	=	1.515
39a	1.210	+															2.760	+	3.030	/	2	=	1.515
37	1.970	+															3.940	+	1.705	/	2	=	0.853
38	1.970	+															1.025	+	0.750	/	2	=	0.375
41	0.930	+															4.080	+	3.955	/	2	=	1.978
42	4.080	+															3.940	+	3.955	/	2	=	1.978
43	8.555	+															2.055	+	8.470	/	2	=	4.235
44	0.450	+															2.015	+	2.055	/	2	=	2.035
																						TOTAL	=

TOTAL PAR AREA CALCULATION OF 27TH FLOOR	=	GROSS - A	-	GROSS - B	+	GROSS - C	-	GROSS-D	-	GROSS-E	-	GROSS-F
	=	90.992	+	27.040	+	1040.999	-	37.235	+	79.893	-	37.456
	=	GROSS - 1	+	1037.553	SQM							

AREA CALCULATION OF 27TH FLOOR (TOWER-3) (ADDITIONAL)

GROSS - B																							
1	1.405	+	2.018	+	0.440	X	0.5	=	1.229														
3	1.200	+	1.000	+	0.440	X	0.5	=	1.220														
5	1.000	+	1.225	+	1.550	X	0.5	=	1.388														
6	4.950	+	3.680	+	0.580	X	0.5	=	4.610														
7	3.695	+	4.990	+	2.195	X	0.5	=	6.920														
13	0.950	+	2.485	+	1.760	X	0.5	=	2.588														
13a	0.950	+	2.485	+	1.760	X	0.5	=	2.588														
15	3.575	+	4.110	40	2.465	X	0.5	=	6.038														
15a	3.575	+	4.110	40	2.465	X	0.5	=	6.038														
16	1.465	+	4.510	+	3.810	X	0.5	=	4.588														
16a	1.465	+	4.510	+	3.810	X	0.5	=	4.588														
18	3.530	+	6.150	+	4.710	X	0.5	=	9.195														
18a	3.530	+	6.150	+	4.710	X	0.5	=	9.195														
19	4.725	+	6.150	+	12.495	X	0.5	=	10.685														
19a	4.725	+	6.150	+	12.495	X	0.5	=	10.685														
21	1.140	+	4.358	+	4.723	X	0.5	=	9.118														
21a	1.140	+	4.358	+	4.723	X	0.5	=	9.118														
22	2.170	+	5.555	+	5.963	X	0.5	=	6.845														
22a	2.170	+	5.555	+	5.963	X	0.5	=	6.845														
23	8.565	+	27.280	+	23.375	X	0.5	=	31.31														
23a	8.565	+	27.280	+	23.375	X	0.5	=	31.31														
24	25.160	+	28.535	+	26.195	X	0.5	=	44.8375														
24a	25.160	+	28.535	+	26.195	X	0.5	=	44.8375														
25	25.845	+	35.195	+	26.140	X	0.5	=	44.09														
25a	25.845	+	35.195	+	26.140	X	0.5	=	44.09														
26	1.090	+	3.345	+	3.585	X	0.5	=	4.11														
26a	1.090	+	3.345	+	3.585	X	0.5	=	4.11														
30	3.175	+	7.275	+	8.765	X	0.5	=	8.6075														
30a	3.175	+	7.275	+	8.765	X	0.5	=	8.6075														
33	3.030	+	7.275	+	8.475	X	0.5	=	8.38														
33a	3.030	+	7.275	+	8.475	X	0.5	=	8.38														
39	1.210	+	2.760	+	3.030	X	0.5	=	3.91														
39a	1.210	+	2.760	+	3.030	X	0.5	=	3.91														
37	1.970	+	3.940	+	1.705	X	0.5	=	3.6075														
38	1.970	+	1.025	+	0.750	X	0.5	=	2.12														
41	0.930	+	4.080	+	3.955	X	0.5	=	4.2925														
42	4.080	+	3.940	+	3.955	X	0.5	=	5.5375														
43	8.555	+	2.055	+	8.470	X	0.5	=	5.18														
44	0.450	+	2.015	+	2.055	X	0.5	=	2.235														
																						TOTAL	=