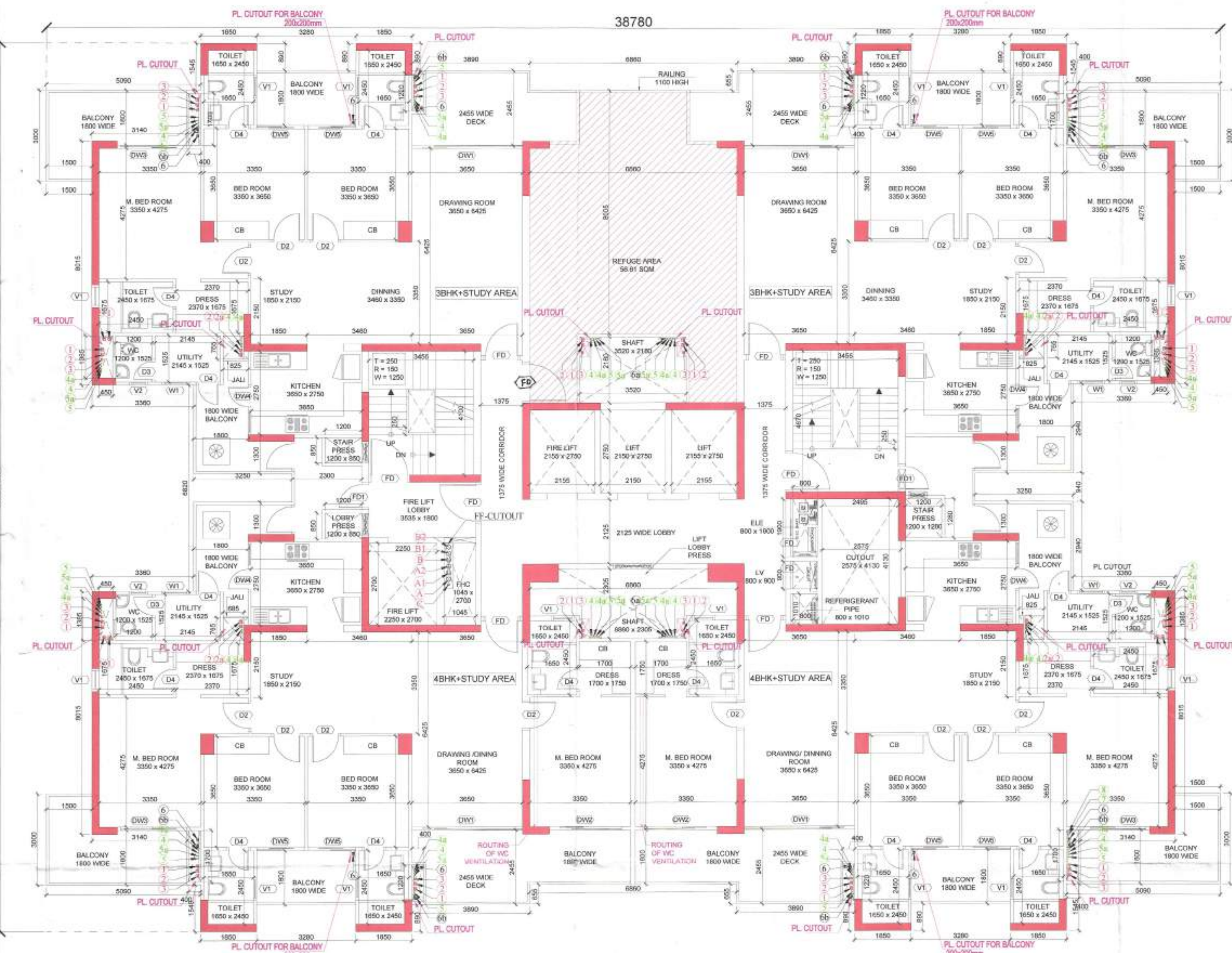
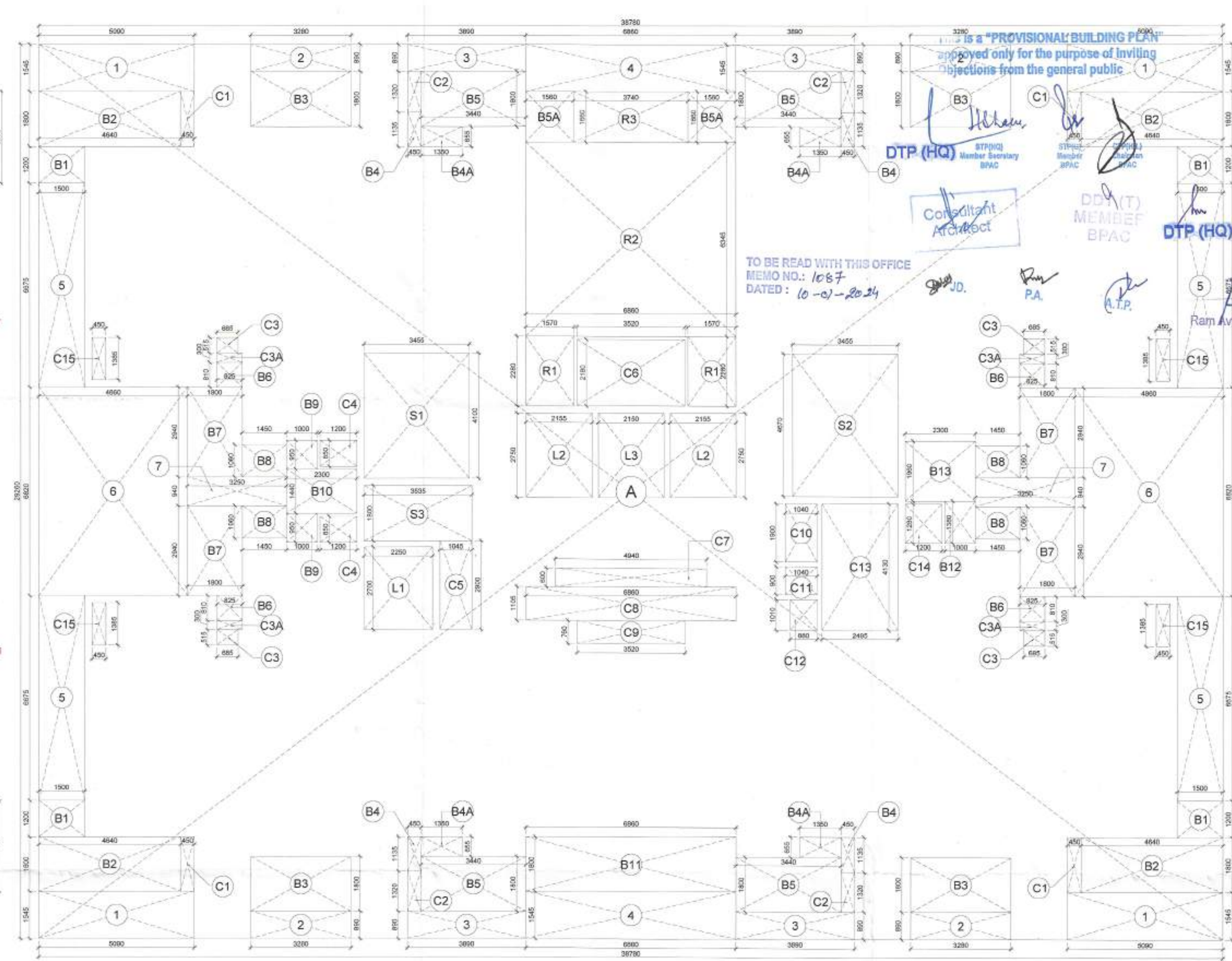
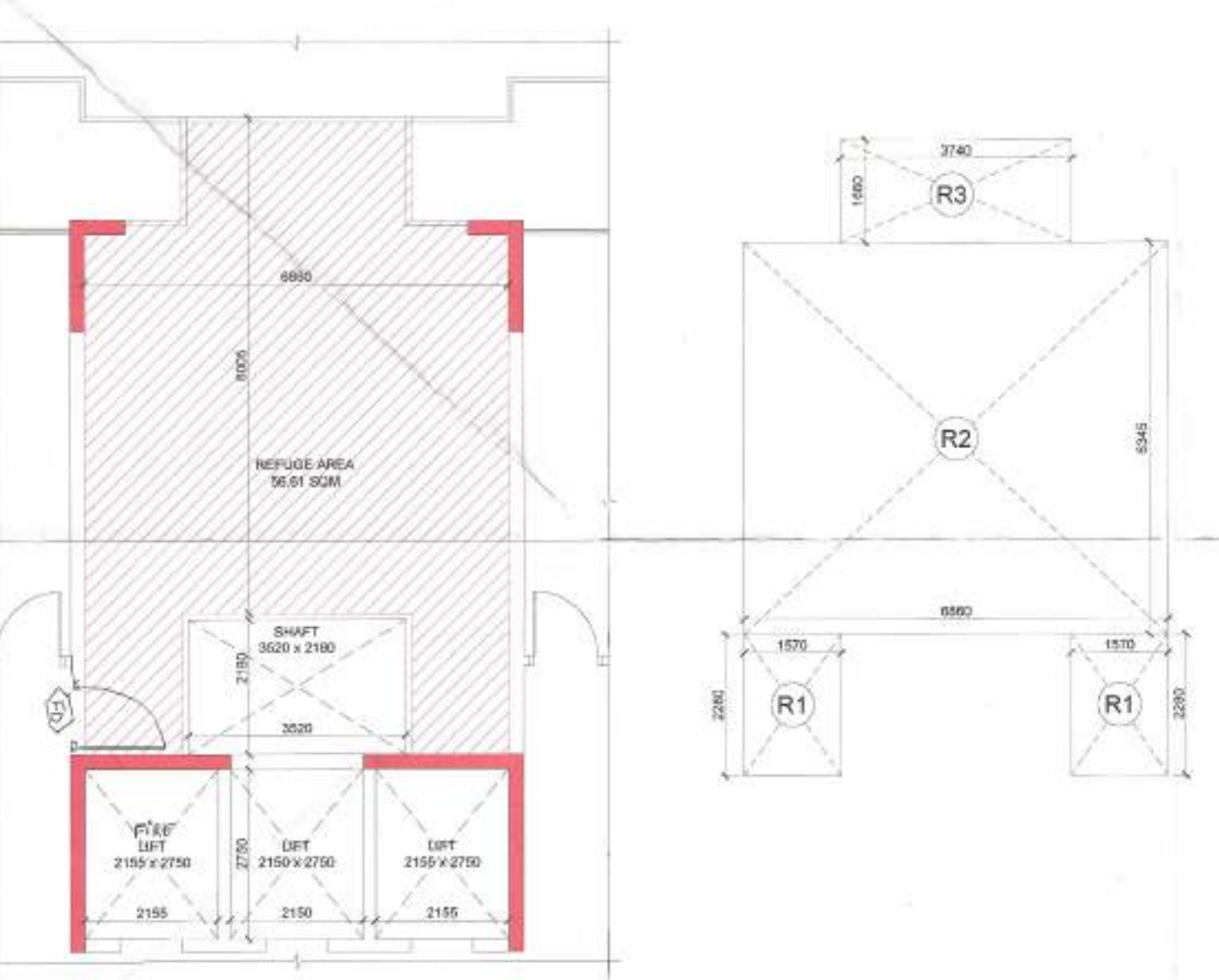




1 REFUGE FLOOR PLAN (18th & 28th Floor)
LEVEL AT +60700 & +92700



2 REFUGE FLOOR AREA DIAGRAM (18th & 28th Floor)



3 REFUGE AREA PLAN (18th & 28th Floor)
NOTE: REFUGE FLOOR WILL BE USE FOR FIRE PURPOSE ONLY

REFUGE FLOOR AREA CALCULATION (18th & 28th Floor)				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
REFUGE FLOOR FAR	621.373			
REFUGE FLOOR NON FAR	C + E + F			
REFUGE FLOOR BUILT UP AREA	246.746			
FAR + NON FAR	868.119			

ENVELOPE ADDITION				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
A REC	38.780	29.260	1	1134.703
TOTAL (A)				1134.703

ENVELOPE SUBTRACTION				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
1 REC	5.090	1.345	4	31.456
2 REC	3.280	0.890	4	11.677
3 REC	3.890	0.890	4	13.848
4 REC	1.860	1.545	2	21.197
5 REC	1.500	6.675	4	40.050
6 REC	4.860	6.820	2	66.290
7 REC	3.250	0.940	2	6.110
TOTAL (B)				190.629

BALCONY SUBTRACTION				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
B1 REC	1.500	1.200	4	7.200
B2 REC	4.640	1.800	4	33.408
B3 REC	3.280	1.800	4	23.616
B4 REC	0.450	1.135	4	2.043
B4A REC	1.350	0.655	4	3.537
B5 REC	3.440	1.800	4	24.768
B5A REC	1.560	1.660	2	5.179
B6 REC	0.825	0.810	4	2.673
B7 REC	1.800	2.940	4	21.168
B8 REC	1.450	1.060	4	6.148
B9 REC	1.000	0.950	2	1.900
B10 REC	3.300	1.440	1	3.312
B11 REC	6.660	1.800	1	12.348
B12 REC	1.000	1.380	1	1.380
B13 REC	2.300	1.960	1	4.508
TOTAL (C)				153.188

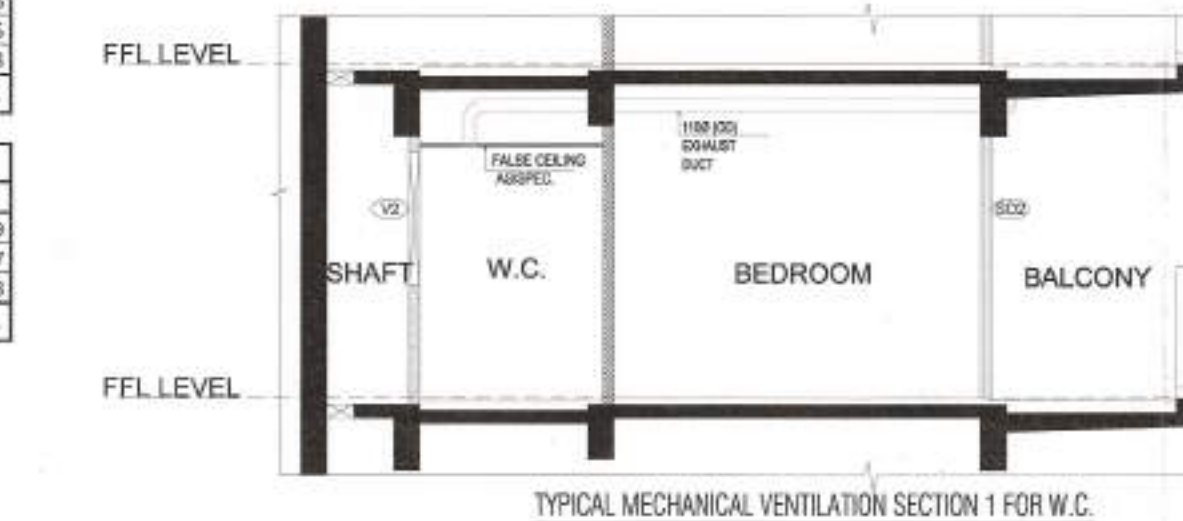
CUTOUT SUBTRACTION				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
L1 REC	2.250	2.700	1	6.075
L2 REC	2.155	2.750	2	11.853
L3 REC	2.150	2.750	1	5.913
C1 REC	0.450	1.800	4	3.240
C2 REC	0.450	1.300	4	2.376
C3 REC	0.885	0.515	4	1.411
C3A REC	0.825	0.300	4	0.990
C4 REC	1.300	0.850	2	2.040
C5 REC	1.045	2.900	1	3.031
C6 REC	3.520	2.180	1	7.674
C7 REC	4.340	0.600	1	2.604
C8 REC	6.860	1.105	1	7.580
C9 REC	3.520	0.760	1	2.675
C10 REC	1.040	1.900	1	1.976
C11 REC	1.040	0.900	1	0.936
C12 REC	0.880	1.010	1	0.889
C13 REC	2.495	4.130	1	10.304
C14 REC	1.200	1.280	1	1.536
C15 REC	0.450	1.385	4	2.493
TOTAL (D)				75.955

NON FAR SUBTRACTION				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
S1 REC	3.455	4.100	1	14.166
S2 REC	3.455	4.670	1	16.135
S3 REC	3.535	1.800	1	6.363
TOTAL (E)				36.663

REFUGE AREA CALCULATION				
TYPE	LENGTH (M)	WIDTH (M)	NOS	AREA (SQ.MT.)
B1 REC	1.570	2.280	2	7.139
B2 REC	6.860	6.345	1	43.527
B3 REC	3.740	1.660	1	6.208
TOTAL (F)				56.894

REFUGE AREA CALCULATIONS @ 18TH FLOOR (TOWER - 19, ICONIC)				
BUILTUP AREA @ 18th FLOOR	866.891	Sq. Mt.		
BUILTUP AREA @ 19th FLOOR	861.920	Sq. Mt.		
TOTAL BUILT UP AREA	1728.811	Sq. Mt.		
POPULATION @ 12.5 SQ. M/PERSON	138	PERSON		
REFUGE AREA REQUIRED @ 0.3 SQ. M/ PERSON	41.491	Sq. Mt.		
ADDITIONAL AREA FOR WHEELCHAIR	0.900	Sq. Mt.		
TOTAL REFUGE AREA REQUIRED	42.391	Sq. Mt.		
TOTAL REFUGE AREA PROVIDED	56.894	Sq. Mt.		

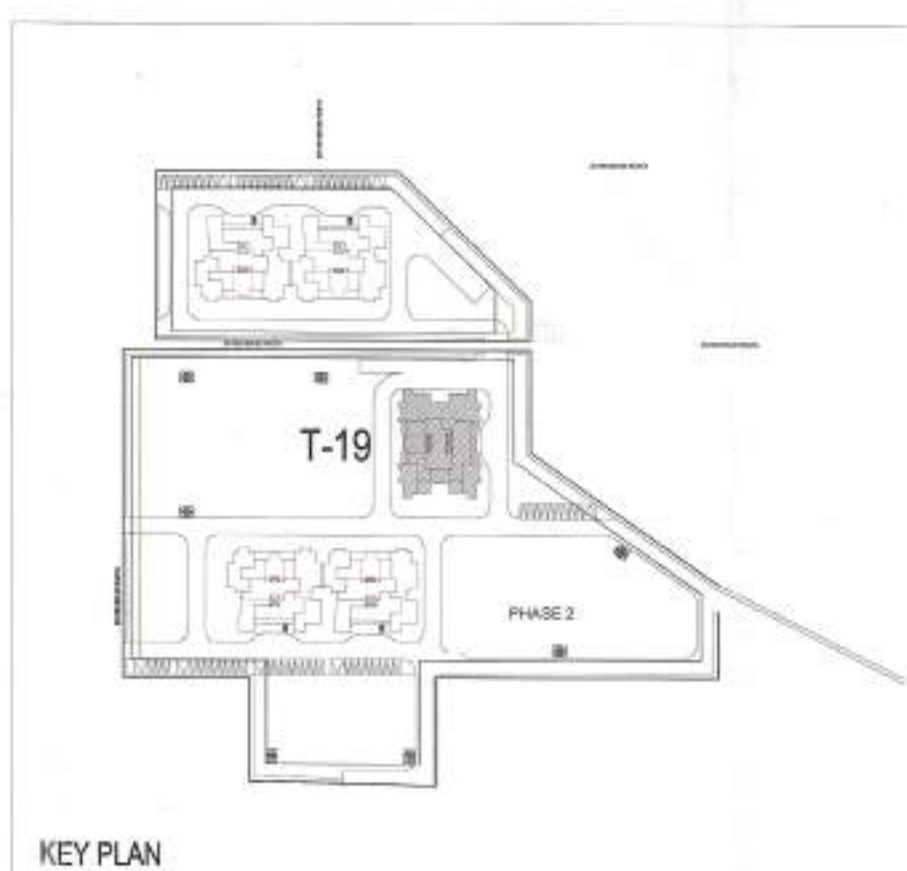
REFUGE AREA CALCULATIONS @ 28TH FLOOR (TOWER - 19, ICONIC)				
BUILTUP AREA @ 28th FLOOR	866.891	Sq. Mt.		
BUILTUP AREA @ 29th FLOOR	861.920	Sq. Mt.		
TOTAL BUILT UP AREA	1728.811	Sq. Mt.		
POPULATION @ 12.5 SQ. M/PERSON	138	PERSON		
REFUGE AREA REQUIRED @ 0.3 SQ. M/ PERSON	41.491	Sq. Mt.		
ADDITIONAL AREA FOR WHEELCHAIR	0.900	Sq. Mt.		
TOTAL REFUGE AREA REQUIRED	42.391	Sq. Mt.		
TOTAL REFUGE AREA PROVIDED	56.894	Sq. Mt.		



TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.							
S.No.	Location	Area (Sq. Ft.)	Height (Ft.)	Volume (Cu. Ft.)	ACH	Design CFM	SELECTED EXHAUST FAN
1	TYPICAL MECHANICAL VENTILATION FOR W.C.	43	9.2	395	10	66	3P 100 cfm cassette inline fan
1.1	W.C.	43	9.2	395	10	66	270R270R1.1 110 F001

OPENING SCHEDULE				
DESCRIPTION	SIZE	CILL	LINTEL	LOCATION
FD1 (1000 X 2450)	1000 X 2450	00	2450	UNIT ENTRY
D1	1000 X 2450	00	2450	BEDROOM
D3	750 X 2450	00	2450	S.TOILET
D4	800 X 2450	00	2450	TOILET
FD	1350 X 2450	00	2450	LOBBY
FD1	900 X 2450	00	2450	UTILITY BALC.
FD2	1200 X 2450	00	2450	LOBBY
V1	900 X 1350	1200	2500	S. ROOM
V1	750 X 1350	1200	2500	TOILET
V2	600 X 1350	1200	2500	TOILET
DW1	3600 X 2500	00	2500	DRAWING ROOM
DW2	2400 X 2500	00	2500	M. BEDROOM
DW3	2100 X 2500	00	2500	M. BEDROOM
DW4	1640 X 2500	00	2500	KITCHEN
DW5	1570 X 2500	00	2500	BEDROOM
DW6	3300 X 2500	00	2500	BEDROOM
DW7	1630 X 2500	00	2500	SERVANT ROOM
DW8	2150 X 2500	00	2500	PENET. H. KITCHEN

LEGEND FOR PLUMBING:-				
1	1000 SOIL & VENT PIPE			
2	1000 WASTE & VENT PIPE			
3	1000 WASTE & VENT PIPE FOR UTILITY BALCONY			
4	750 ANTI-SYPHONAGE PIPE			
5	DOMESTIC WATER SUPPLY PIPE FOR LOW RISE			
6	DOMESTIC WATER SUPPLY PIPE FOR MID RISE			
7	DOMESTIC WATER SUPPLY PIPE FOR HIGH RISE			
8	FLUSHING WATER SUPPLY PIPE FOR LOW RISE			
9	FLUSHING WATER SUPPLY PIPE FOR MID RISE			
10	FLUSHING WATER SUPPLY PIPE FOR HIGH RISE			
11	DOMESTIC WATER TANK FILLING PIPE			
12	FLUSHING WATER TANK FILLING PIPE			



- NOTES:
- ALL LIFTS SHALL HAVE 100% POWER BACKUP.
 - ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC.
 - FIRE FIGHTING/SAFETY PROVISIONS SHALL BE AS PER RELEVANT NBC PROVISIONS.
 - BUILDING STRUCTURE DESIGNED EARTHQUAKE RESISTANT.
 - MAIN ENTRY & BOUNDARY WALL AS PER STANDARD DESIGN.
 - TOILET WILL BE MECHANICALLY VENTILATED WITH 100% POWER BACKUP.

PROJECT:
PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY FOR AN AREA MEASURING 48.213875 ACRES AFTER FREEZING THE LAND OF COLLABORATORS 27.131925 ACRES OUT OF 75.3458 ACRES FROM LICENSE NO 19 OF 2019 (53.3833 ACRES), LICENSE NO 226 DATED 31.10.23 (20.41875 ACRES) AND LICENSE NO. 227 DATED 31.10.23 (1.54275 ACRES) IN THE REVENUE ESTATE OF VILLAGE NAURANGPUR IN SECTOR 79 & 79 B, GURUGRAM HARYANA BEING DEVELOPED BY LOON LAND DEVELOPMENT LTD.

CLIENT:
M/s Loon Development Limited,
Office No. 1221-A, Devika Tower,
12th Floor, 6, Nehru Place, New Delhi-110019

OWNER SIGN: 
Director

ARCHITECT SIGN: 
T.K. MAJUMDAR
R.D. ARCH. & L.L.A. (ARCHITECT)
C-103 A, First Floor, Panchsheel Vihar,
Malviya Nagar, New Delhi - 110 017
Phone : 9851450007, 9852209130

DRAWING TITLE:
TOWER-19 (ICONIC)
REFUGE FLOOR PLAN & AREA DETAILS
18th & 28th FLOOR

DATE:
SCALE: 1:100
SHEET No. T5-3
NORTH