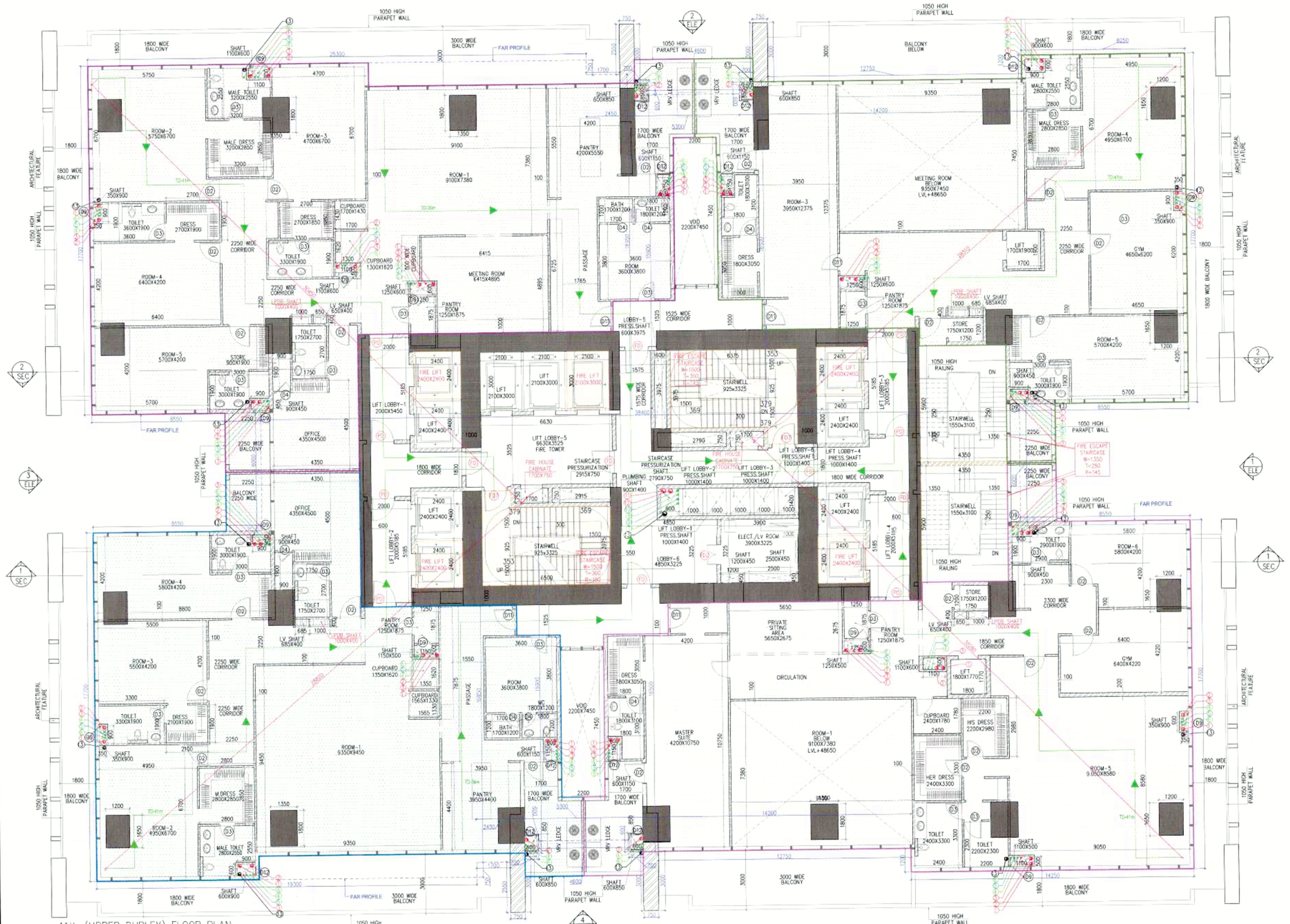
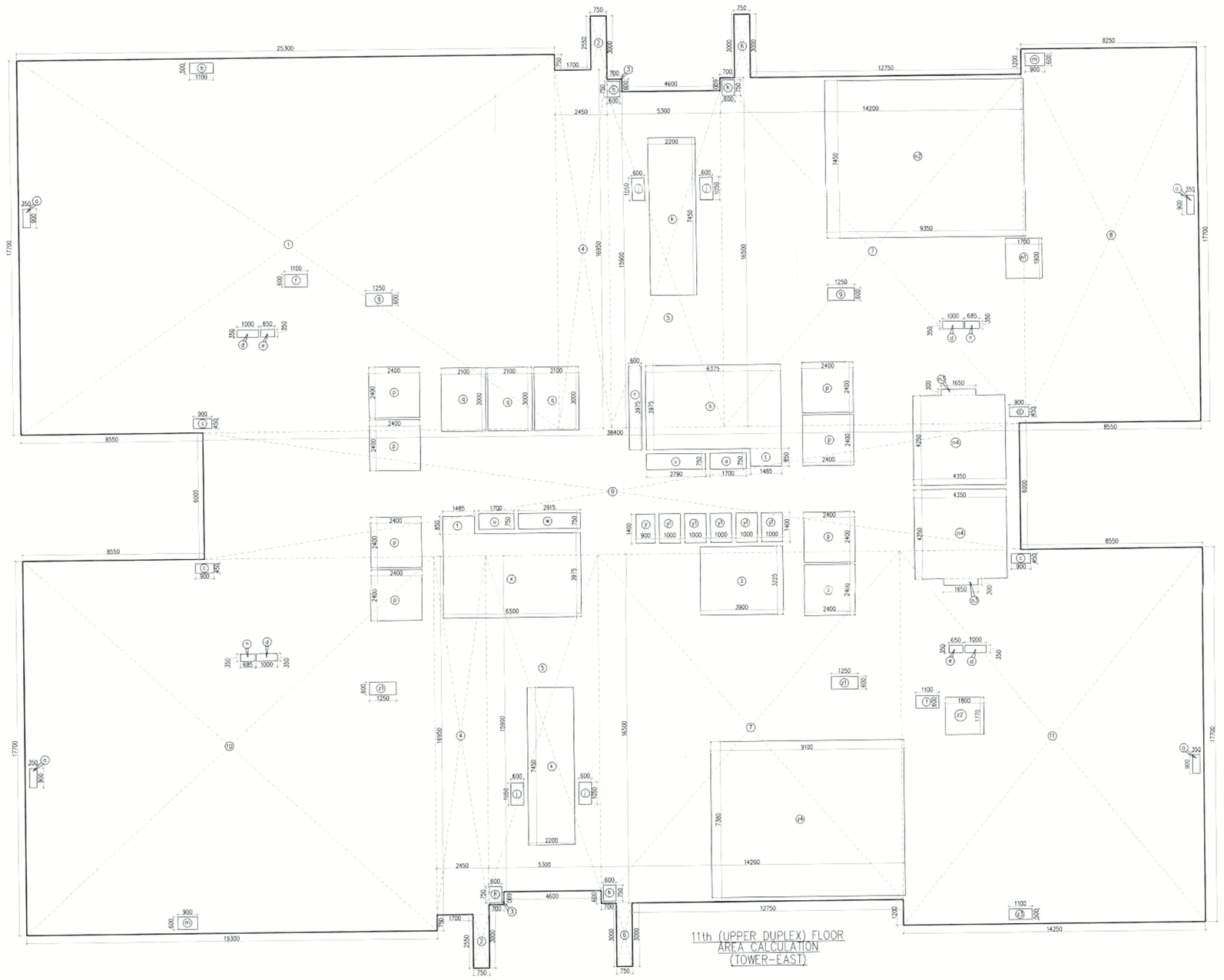


11th (UPPER DUPLEX) FLOOR PLAN
(TOWER-EAST)
SERVICE APARTMENT
LVL+52700



11th (UPPER DUPLEX) FLOOR
AREA CALCULATION
(TOWER-EAST)

Tower 4 To 4 Core _Typical Plan: Occupant Load Calculation

Gross Floor Area: 2078 Sq.mt.

Gross Occupant Load: 2078 /13.5 Pax = 156 Pax

Capacity factor: *10 mm width per person [Ref. NBC Part 4, Table-4 Clause 4.4.2.3]*

Total Staircase width required: 1660 mm.

Total Staircase width provided: 3000mm (1250mm x 02)

Result: With the aspect of Occupancy calculation, the staircases as proposed will meet the over occupant load means of egress requirements.

Compliance Review:

Staircase handling capacity noted to meet overall occupant load exit requirements.

LEGENDS :

01.	1	150Ø SOIL PIPE
02.	2	150Ø WASTE PIPE
03.	3	75Ø VENT PIPE
04.	4	65Ø(W) PIPE DN. TAKE
05.	5	65Ø(W) PIPE DN. TAKE
06.	6	65Ø(W) PIPE DN. TAKE UROM HTD
07.	7	65Ø(W) PIPE RISER TO GREY WATER BASEMENT PLANT ROOM
08.	8	65Ø(W) PIPE RISER TO GREY FROM SERVICE FLOOR PLANT ROOM
09.	9	65Ø(W) PIPE RISER TO GREY FROM BASEMENT PLANT ROOM
10.	10	65Ø(W) PIPE RISER TO GREY FROM SERVICE FLOOR PLANT ROOM
11.	11	200Ø SOIL PIPE
12.	12	200Ø WASTE PIPE
13.	13	150Ø RAIN WATER PIPE
14.	14	200Ø RAIN WATER PIPE

SCHEDULE OF JOINERY

ITEM NO	TAG	DETAILS	SIZE WIDTH	SIZE HEIGHT	LOCATION
1	F01	120 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	LIFT LOBBY CORRIDOR ENTRY DOOR
2	F01	180 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	ALL MAIN ENTRY DOOR (REFUGE FLOOR)
3	F02	120 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2100	ELECTRIC SHAFT
4	F03	120 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	STAIRCASE PRESSURE FLOORS
5	F03	60 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2100	SERVICE SHAFT
6	07	ALUMINUM GLASS DOOR	1200	2400	STAIRCASE DOOR (FEW FLATS) DOOR
7	07	ALUMINUM GLASS DOOR	1200	2400	BALCONY DOOR
8	03	HDF HARDWOOD DOOR	3200	2400	ENTRY DOOR
9	02	HDF HARDWOOD DOOR	1000	2400	BEDROOM DOORS
10	05	HDF HARDWOOD DOOR	800	2400	KITCHEN DOORS/TOILET DOOR
11	04	HDF HARDWOOD DOOR	750	2400	UTILITY/BALCONY/TOILET DOORS
12	05	SLIDING HDF WOODWOOD DOOR	950	2400	CARTAKER ROOM TOILET
13	06	MS GLASS DOOR	900	2400	FHC\
14	08	HDF HARDWOOD DOOR	1200	2400	MACHINE ROOM TERRACE
15	09	HDF HARDWOOD DOOR	750	2100	PLUMBING SHAFT
16	010	HDF HARDWOOD DOOR	1000	2400	HANDICAP TOILET (STILT)
17	011	ALUMINIUM DOOR	1000	2400	KITCHEN DOOR (OPENING IN BALCONY)
18	012	HDF HARDWOOD DOOR	600	2100	SHAFT DOOR
19	07	60 MINUTES WATTER RATED FIRE RATED DOOR	1200	2100	FAHU STILT LOBBY

11TH (UPPER DUPLEX) FLOOR AREA CALCULATION (TOWER-EAST)

GROSS – A									
1	=	1	X	25.300	X	17.700	=	447.810	SQM
2	=	2	X	0.750	X	2.550	=	3.825	SQM
3	=	2	X	0.700	X	0.600	=	0.840	SQM
4	=	2	X	2.450	X	16.950	=	83.055	SQM
5	=	2	X	5.300	X	15.900	=	168.540	SQM
6	=	2	X	0.750	X	3.000	=	4.500	SQM
7	=	2	X	14.200	X	16.500	=	468.600	SQM
8	=	1	X	8.250	X	17.700	=	146.025	SQM
9	=	1	X	36.400	X	6.000	=	230.400	SQM
10	=	1	X	19.300	X	17.700	=	341.610	SQM
11	=	1	X	14.250	X	17.700	=	252.225	SQM
						TOTAL	**=**	**2147.430**	**SQM**
GROSS – B									
a	=	4	X	0.350	X	0.900	=	1.260	SQM
b	=	1	X	1.100	X	0.500	=	0.550	SQM
c	=	4	X	0.900	X	0.450	=	1.620	SQM
d	=	4	X	1.000	X	0.350	=	1.400	SQM
e	=	2	X	0.650	X	0.350	=	0.455	SQM
f	=	2	X	1.100	X	0.600	=	1.320	SQM
g	=	2	X	1.250	X	0.600	=	1.500	SQM
h	=	4	X	0.600	X	0.750	=	1.800	SQM
i	=	4	X	0.600	X	1.050	=	2.520	SQM
k	=	2	X	2.200	X	7.450	=	32.780	SQM
m	=	2	X	0.900	X	0.600	=	1.080	SQM
n	=	2	X	0.685	X	0.350	=	0.480	SQM
n1	=	1	X	1.700	X	1.900	=	3.230	SQM
n2	=	1	X	9.350	X	7.450	=	69.658	SQM
n3	=	2	X	1.650	X	0.300	=	0.990	SQM
n4	=	2	X	4.350	X	4.250	=	36.975	SQM
p	=	8	X	2.400	X	2.400	=	46.080	SQM
q	=	3	X	2.100	X	3.000	=	18.900	SQM
r	=	1	X	0.600	X	3.975	=	2.385	SQM
s	=	1	X	6.375	X	3.975	=	25.341	SQM
t	=	2	X	1.485	X	0.850	=	2.525	SQM
u	=	2	X	1.700	X	0.750	=	2.550	SQM
v	=	1	X	2.790	X	0.750	=	2.093	SQM
w	=	1	X	2.915	X	0.750	=	2.186	SQM
x	=	1	X	6.500	X	3.975	=	25.838	SQM
y	=	1	X	0.900	X	1.400	=	1.260	SQM
y1	=	5	X	1.000	X	1.400	=	7.000	SQM
z	=	1	X	3.900	X	3.225	=	12.578	SQM
z1	=	2	X	1.250	X	0.600	=	1.500	SQM
z2	=	1	X	1.800	X	1.770	=	3.186	SQM
z3	=	1	X	1.100	X	0.500	=	0.550	SQM
z4	=	1	X	9.100	X	7.350	=	67.158	SQM
						TOTAL	**=**	**378.745**	**SQM**
TOTAL FAR AREA OF 11TH (UPPER DUPLEX) (TOWER-EAST)						**GROSS – A**	**+**	**GROSS – B**	
						2147.430	**+**	**378.745**	
							=	**1768.685**	**SQM**
BUILT UP AREA OF 11TH (UPPER DUPLEX) CALCULATION (TOWER-EAST)									
GROSS – C									
n3	=	2	X	1.650	X	0.300	=	0.990	SQM
n4	=	2	X	4.350	X	4.250	=	36.975	SQM
s	=	1	X	6.375	X	3.975	=	25.341	SQM
t	=	2	X	1.485	X	0.850	=	2.525	SQM
x	=	1	X	6.500	X	3.975	=	25.838	SQM
z	=	1	X	3.900	X	3.225	=	12.578	SQM
						TOTAL	**=**	**104.245**	**SQM**
TOTAL BUILT UP AREA OF 11TH (UPPER DUPLEX) (TOWER-EAST)						**FAR AREA**	**+**	**GROSS – C**	
						1768.685	**+**	**104.245**	
							=	**1872.930**	**SQM**

Note :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.
2. BUILDING ARE ARTIFICIALLY LIGHTED,MECHANICALLY VENTILATED & HAVE 100% POWER BACKUP.

PROJECT

REVISED BUILDING PLANS OF COMMERCIAL COLONY(TOD) MEASURING 17.4875 ACRES (LICENCE NO. 240 OF 2007 DATED 25.10.2007) AND 6.99025 ACRES (LICENCE NO. 239 OF 2007 DATED 25.10.2007, LICENCE NO. 241 OF 2007 DATED 25.10.2007 & LICENCE NO. 199 OF 2008 DATED 8.12.2008) TOTALLING **24.47775 ACRES** IN SECTOR-62, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PIONEER URBAN LAND & INFRASTRUCTURE LTD.

CLIENT

PIONEER URBAN LAND & INFRASTRUCTURE LTD.

Pioneer Urban
Ground Floor
Near GOLF Course Extension Road,
Sector-62,
Gurugram -122001 Haryana

DESIGN ARCHITECT

RSP

RSP Design consultants (India) Pvt. Ltd.
103, First Floor, Bestech Business Tower, Sector: 48, Sohna Road
Gurgaon, 122018, India TEL: 4706868 FAX: 4706818
HEAD OFFICE NO.30, MUSEUM ROAD, BANGALORE-560 001
TEL: 25596868 FAX: 25596818
EMAIL: rsp@rspindia.net ; www.rspindia.net

ASSOCIATE ARCHITECT

RSMS ARCHITECTS

RSMS ARCHITECTS PVT. LTD.
69,Nora Niwas Bhawani Kunj
(Behind D2), Vasant Kunj,
New Delhi-110070.
Tel.:011-26898616,26898617
www.rsms-arch.com

DTP(HQ) ATP(HQ) DTP(HQ) DTP(HQ)

Checked and found fit for Public Health Datamatic Service only subject to comments in in forwarding letter No. 2210000 dt. 23.11.24

Architect & Engineer HUDA'S SEAL & SIGNATURE
Chief Engineer HSVP, Panchkula

OWNER'S SEAL & SIGNATURE

JUNE.-2024 | Scale :1:100

Drawing Title:-
11TH (UPPER DUPLEX)FLOOR PLAN & AREA CALCULATION (TOWER EAST)

Drawing No:-
ES-04
2808/2024-3