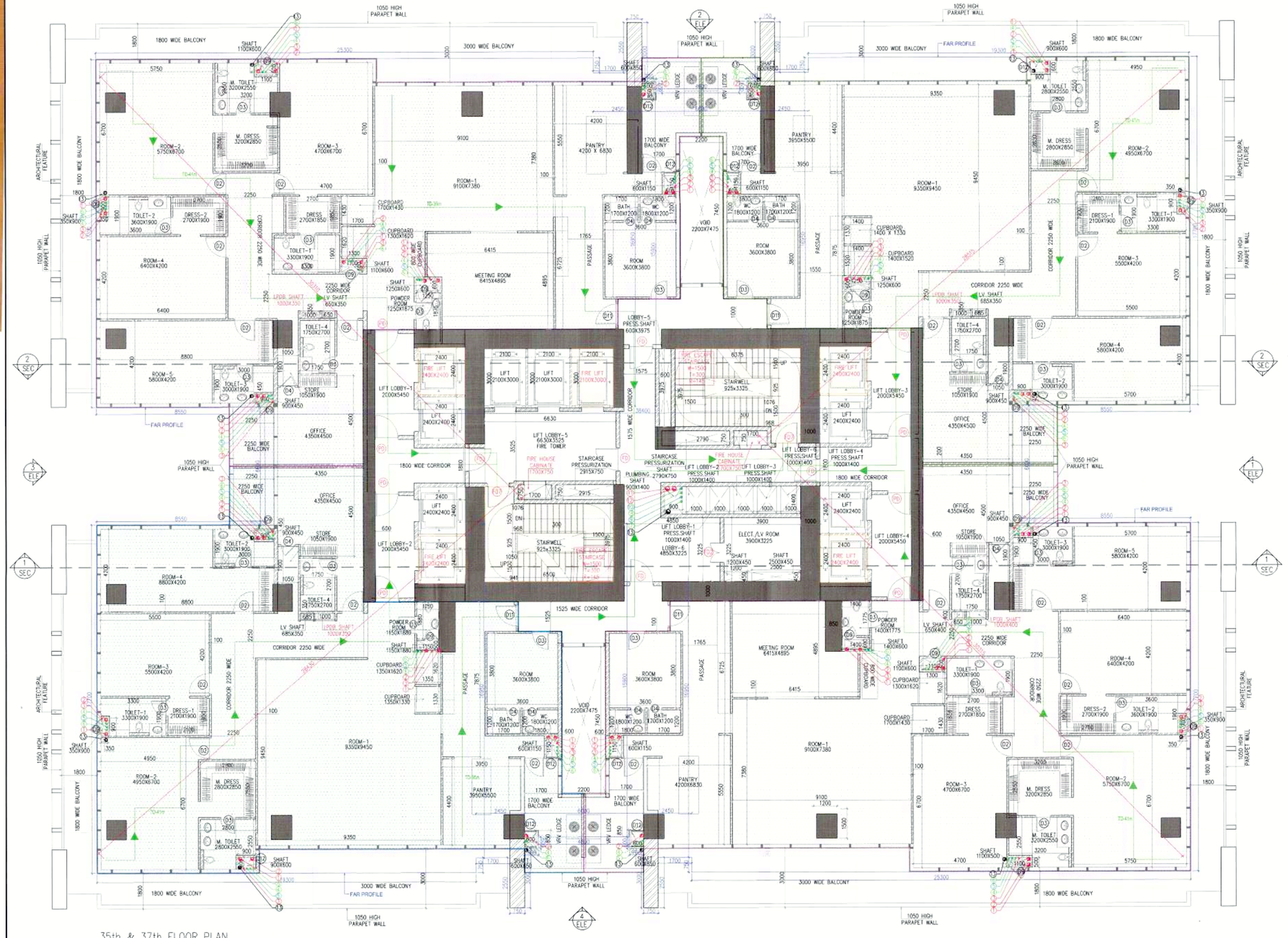


35th & 37th FLOOR PLAN
(TOWER-EAST)
SERVICE APARTMENT

FLOOR	LVL	NO. STEPS	TOTAL NO. STEPS
35th	+148850	996~1022	27
37th	+156950	1050~1076	27

Tower 4 To A Core _Typical Plan: Occupant Load Calculation

Gross Floor Area- 2078 Sq.mt.

Gross Occupant Load: 2078 /12.5 Pax = 166 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)

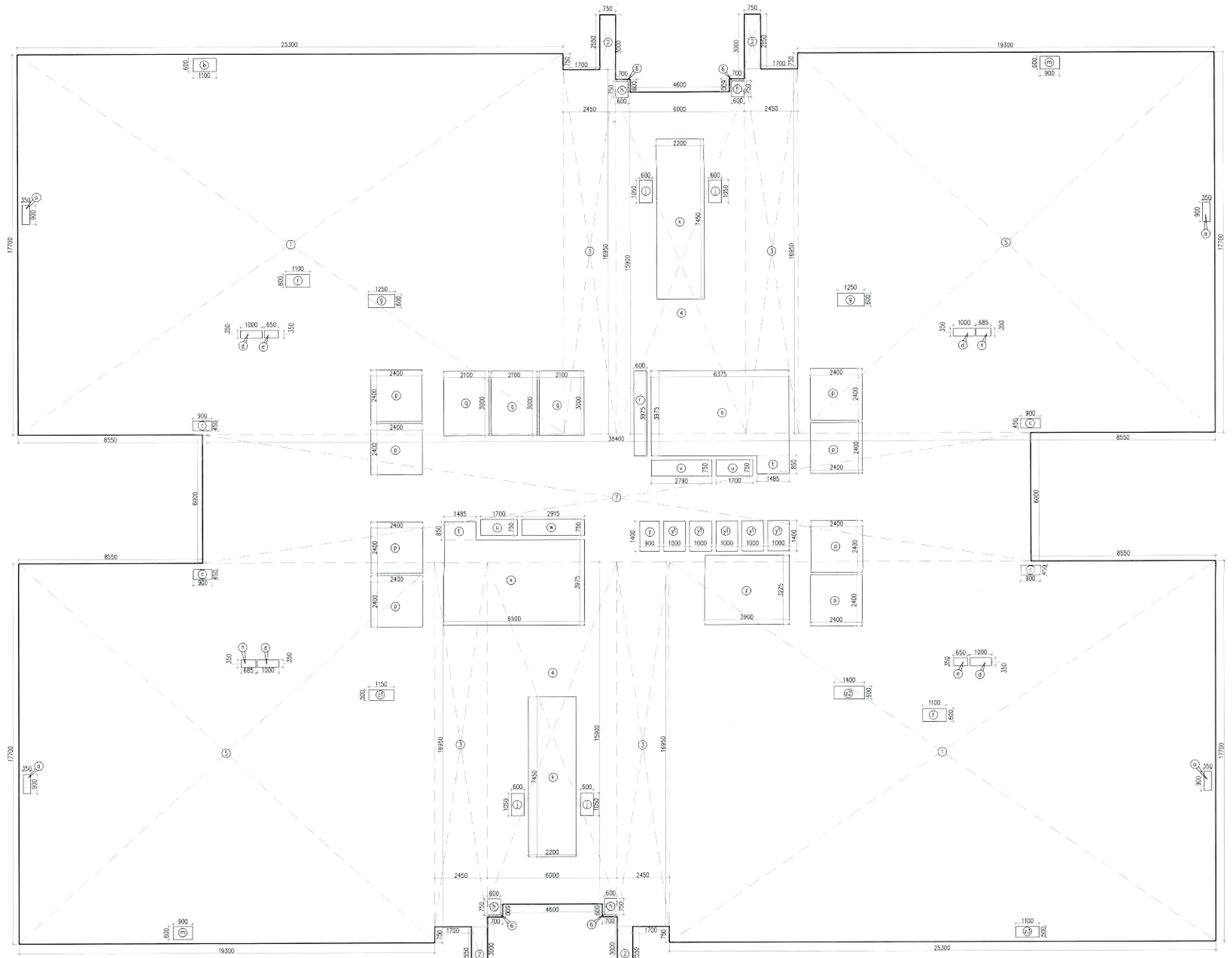
Result: With the aspect of Occupancy calculation, the staircases as proposed will meet the over occupant load means of egress requirements.
Compliance Review:
Staircase handling capacity noted to meet overall occupant load exit requirements.

LEGENDS :

01.	(1)	150Ø SOIL PIPE
02.	(2)	150Ø WASTE PIPE
03.	(3)	75Ø VENT PIPE
04.	(4)	025WS PIPE DN. TAKE
05.	(5)	025WS PIPE DN. TAKE
06.	(6)	025WS PIPE DN. TAKE FROM UTD
07.	(7)	025WS PIPE RISER TO ORET FROM BASEMENT PLANT ROOM
08.	(8)	025WS PIPE RISER TO ORET FROM SERVICE FLOOR PLANT ROOM
09.	(9)	025WS PIPE RISER TO ORET FROM BASEMENT PLANT ROOM
10.	(10)	025WS PIPE RISER TO ORET 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	FD	120 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	1ST LOBBY DOWN DOOR ENTRY DOOR
2	FD1	60 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	ALL MAIN ENTRY DOOR (REFUGE FLOOR)
3	FD2	120 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	ELECTRIC SHAFT
4	FD3	120 MIN FIRE RATED HDF HARDWOOD DOOR	1500	2400	CORRIDOR (REFUGE FLOOR)
5	FD12	60 MIN FIRE RATED HDF HARDWOOD DOOR	1500	2400	GRINGE SHAFT
6	FD7	M.S. GRILL	1200	2400	LIFT LOBBY DOOR PERFORATED DOOR
7	D	ALUMINIUM GLAZED DOOR	1200	2400	BALCONY DOOR
8	D1	HDF HARDWOOD DOOR	1200	2400	ENTRY DOOR
9	D2	HDF HARDWOOD DOOR	1000	2400	BEDROOM DOORS
10	D3	HDF HARDWOOD DOOR	850	2400	KITCHEN DOORS/TOILET DOOR
11	D4	HDF HARDWOOD DOOR	750	2400	UTILITY/BALCONY/TOILET DOORS
12	D5	SLIDING HDF HARDWOOD DOOR	850	2400	CARTAKER ROOM TOILET
13	D6	M.S.GLASS DOOR	900	2400	PHC'S
14	D8	HDF HARDWOOD DOOR	1200	2400	MACHINE ROOM TERRACE
15	D9	HDF HARDWOOD DOOR	750	2100	PLUMBING SHAFT
16	D10	HDF HARDWOOD DOOR	1000	2400	HANDICAP TOILET (STILT)
17	D11	ALUMINIUM DOOR	2000	2400	KITCHEN DOOR (OPENING IN BALCONY)
18	D12	HDF HARDWOOD DOOR	900	2100	SHAFT DOOR
19	FD	60 MIN FIRE RATED HDF FIRE RATED DOOR	1200	2400	BY-PASS LIFT LOBBY



35th & 37th FLOOR
AREA CALCULATION
(TOWER-EAST)

35th& 37th FLOOR AREA CALCULATION (TOWER-EAST)

GROSS - A									
1	=	2	X	28.300	X	17.700	=	855.020	SQM
2	=	4	X	0.750	X	2.550	=	7.650	SQM
3	=	4	X	2.450	X	16.950	=	166.110	SQM
4	=	2	X	6.000	X	15.900	=	190.800	SQM
5	=	2	X	13.300	X	17.700	=	683.220	SQM
6	=	4	X	0.700	X	0.600	=	1.680	SQM
7	=	1	X	38.400	X	6.000	=	230.400	SQM
					TOTAL		**=**	**2175.480**	**SQM**
GROSS - B									
a	=	4	X	0.700	X	0.900	=	1.260	SQM
b	=	4	X	1.100	X	0.600	=	2.640	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	=	2	X	0.600	X	0.750	=	0.900	SQM
i	=	4	X	0.600	X	1.050	=	2.520	SQM
j	=	2	X	2.200	X	0.750	=	3.300	SQM
m	=	2	X	0.900	X	0.450	=	0.810	SQM
n	=	2	X	0.800	X	0.350	=	0.560	SQM
p	=	4	X	2.400	X	4.400	=	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	=	1	X	1.485	X	0.850	=	2.525	SQM
u	=	2	X	1.700	X	0.750	=	2.550	SQM
w	=	1	X	2.790	X	0.750	=	2.093	SQM
x	=	1	X	3.900	X	0.750	=	2.925	SQM
y	=	1	X	6.900	X	3.975	=	27.428	SQM
z	=	2	X	0.900	X	1.400	=	1.260	SQM
z1	=	5	X	1.000	X	1.400	=	7.000	SQM
z2	=	1	X	3.900	X	3.225	=	12.578	SQM
z3	=	1	X	1.150	X	0.500	=	0.575	SQM
z4	=			1.400	X	0.600	=	0.840	SQM
z5	=	1	X	1.100	X	0.500	=	0.550	SQM
					TOTAL		**=**	**197.573**	**SQM**

TOTAL FAR AREA OF 35th & 37th FLOOR AREA (TOWER-EAST)	**=**	**GROSS - A**	**GROSS - B**	
	=	**2175.480**	**197.573**	
	=	**1977.907**		**SQM**

BUILT UP AREA OF 35th & 37th FLOOR AREA (TOWER-EAST)

GROSS - C									
s	=	1	X	6.375	X	3.975	=	25.341	SQM
t	=	1	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		**=**	**66.282**	**SQM**

TOTAL BUILT UP AREA OF 35th& 37th FLOOR AREA (TOWER-EAST)	**=**	**FAR AREA**	**+**	**GROSS - C**
	=	**1977.907**		**66.282**
	=	**2044.187**		**SQM**

TOTAL NON FAR AREA OF 35th& 37th FLOOR AREA (TOWER-EAST)	**=**	**BUILT UP AREA**	**-**	**FAR AREA**
	=	**2044.187**		**1977.907**
	=	**66.280**		**SQM**

Note :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.

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)

Checked and found ok for Public Health Engineering Service only subject to comments in the forwarding letter No 2614/EE...Dt 22/7/24
Executive Engineer (HQ)
Chief Engineer
HSVP, Panchkula

TO THE ... DTH (HQ) OFFICE
MEMO NO:
DATED:

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE

JUNE.-2024 | Scale : 1:100

Drawing Title:-
35th & 37th FLOOR PLAN & AREA CALCULATION (TOWER EAST)

Drawing No:-
ES-10
28082024-3