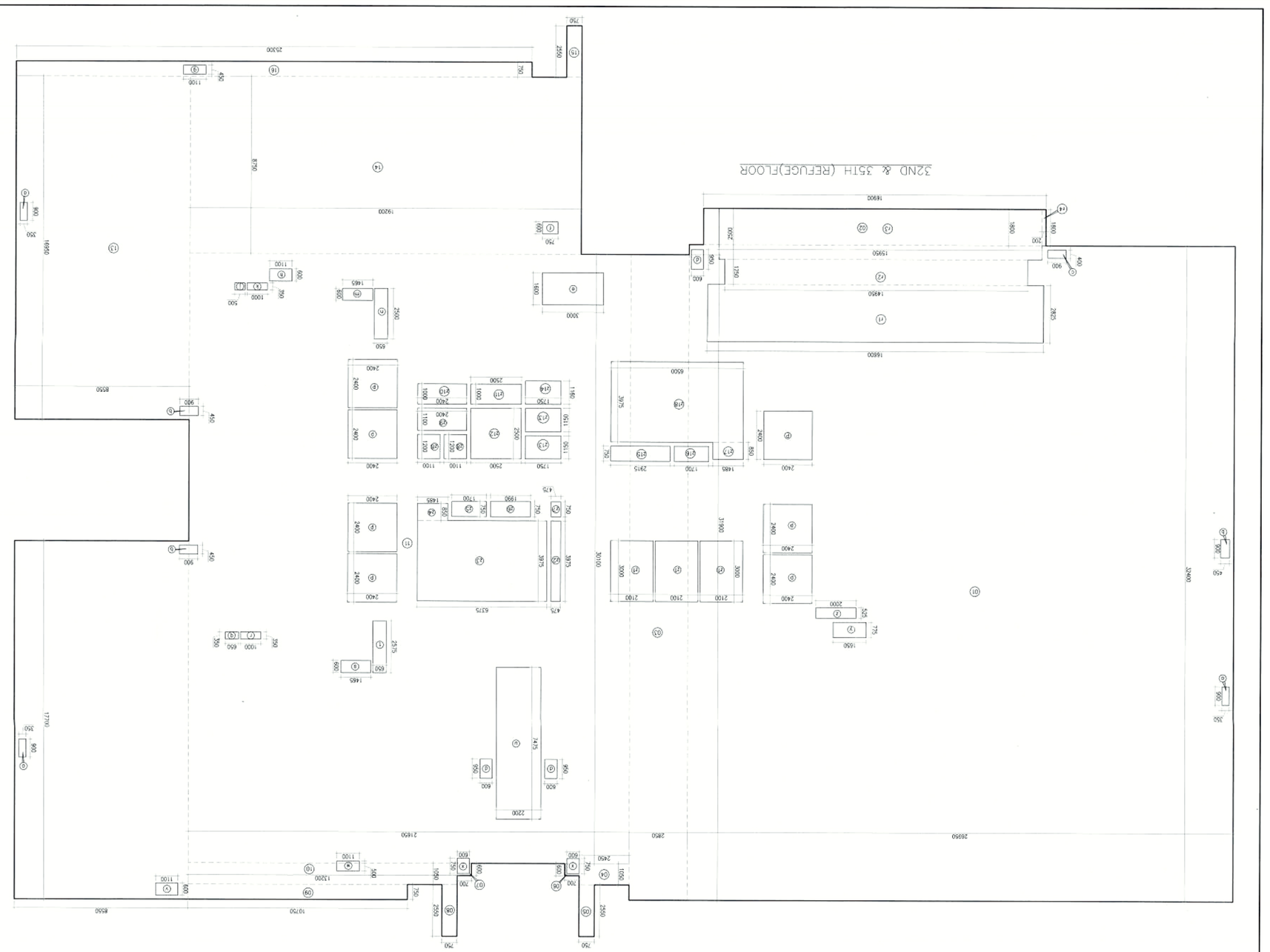

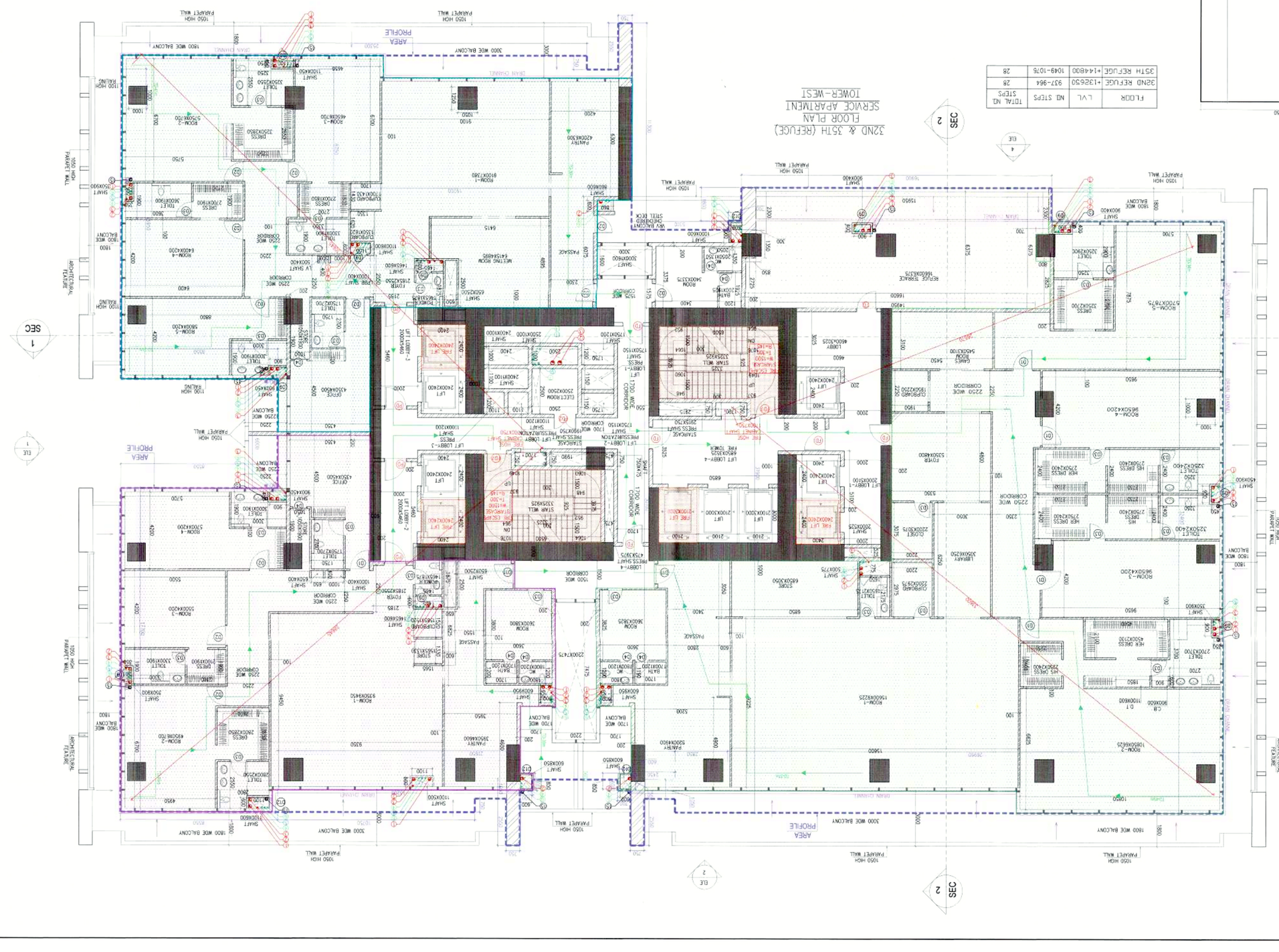

32ND & 35TH (REFUGE) FLOOR AREA CALCULATION								
GROSS - A								
r1	=	1	X	0.800	X	2.625	=	2.260 SQM
r2	=	1	X	0.700	X	2.300	=	1.610 SQM
r3	=	1	X	14.950	X	6.375	=	95.306 SQM
r5	=	1	X	0.300	X	2.300	=	0.690 SQM
						TOTAL	=	102.183 SQM
GROSS - B								
a	=	1	X	1.050	X	1.250	=	1.313 SQM
b	=	1	X	1.100	X	0.600	=	0.660 SQM
						TOTAL	=	1.973 SQM
TOTAL AREA CALCULATION 32ND & 35TH (REFUGE) FLOOR	=	GROSS - A		102.183	-	GROSS - B		1.973
	=	100.210 SQM						
GROSS AREA OF 32ND & 35TH (REFUGE) FLOOR	=	1906.699 SQM						
GROSS AREA OF TYPICAL 34TH , 36TH TO 38TH FLOOR	=	1990.341 SQM						
TOTAL	=	3897.040 SQM						
REFUGE AREA REQUIRED	=	3897.040X0.3/12.5	+	ADDITIONAL SPACE TO ACCOMMODATE ONE WHEEL CHAIR SPACE				
	=	93.529	+					
	=	94.429 SQM						
REFUGE AREA PROVIDED	=	102.183	SQM					

Upper floor area of refuge & floor above refuge = 4000 Sqm.

As per NBC Part 4 Clause 6.3, per person refuge area needs to be calculated based on 0.3 sqm. per person

Gross occupant load = 330/sm (Occupied at 4000/12.3 sqm)

Refuge area required as 5% floor=320 x 0.3 Sqm/person =0.3 Sqm (0.3 Sqm/300 occupants for wheelchair space)

Refuge area provided = 94.429sqm.

Refuge area Provided= 102.183 sqm.

Tower 3 Refuge Calculation of refuge area

32ND & 35TH (REFUGE) FLOOR PLAN SERVICE APARTMENT TOWER-WEST		
FLOOR	LVL	NO STEPS TOTAL NO STEPS
32ND &35TH (REFUGE)	37.-96+ 14.4600 +10.5	28

PROJECT

REVISED BUILDING PLANS OF COMMERCIAL COLONY(OD) MEASURING 7.4875 ACRES (LICENCE NO 240 OF 2007 DATED 25.10.2007) AND 6.99025 ACRES (LICENSE NO. 239 OF 2007 DATED 25.10.2007, LICENCE NO 241 OF 2007 DATED 25.10.2007 & LICENCE NO. 199 OF 2008 DATED 6.12.2008) TOTALLING **24.4775 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.

101 First Floor Eldeco Express Tower Sector 48 Sonna Road Gurgaon 122018 india TEL: 4106669 FAX: 4106619

HEAD OFFICE:30,30 WUSUM ROAD BANGALORE-560 001 TEL: 25599669 FAX 25599669 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

Note :-

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

ARCHITECT'S SEAL & SIGNATURE

OWNER'S SEAL & SIGNATURE

Drawing Title :-

Scale : 1:100

JUNE-2024

Drawing No:-

WT-12

32ND & 35TH(REFUGE) FLOOR PLAN & AREA CALCULATION TOWER WEST

28082024-5