SCHEDULE OF JOINERY

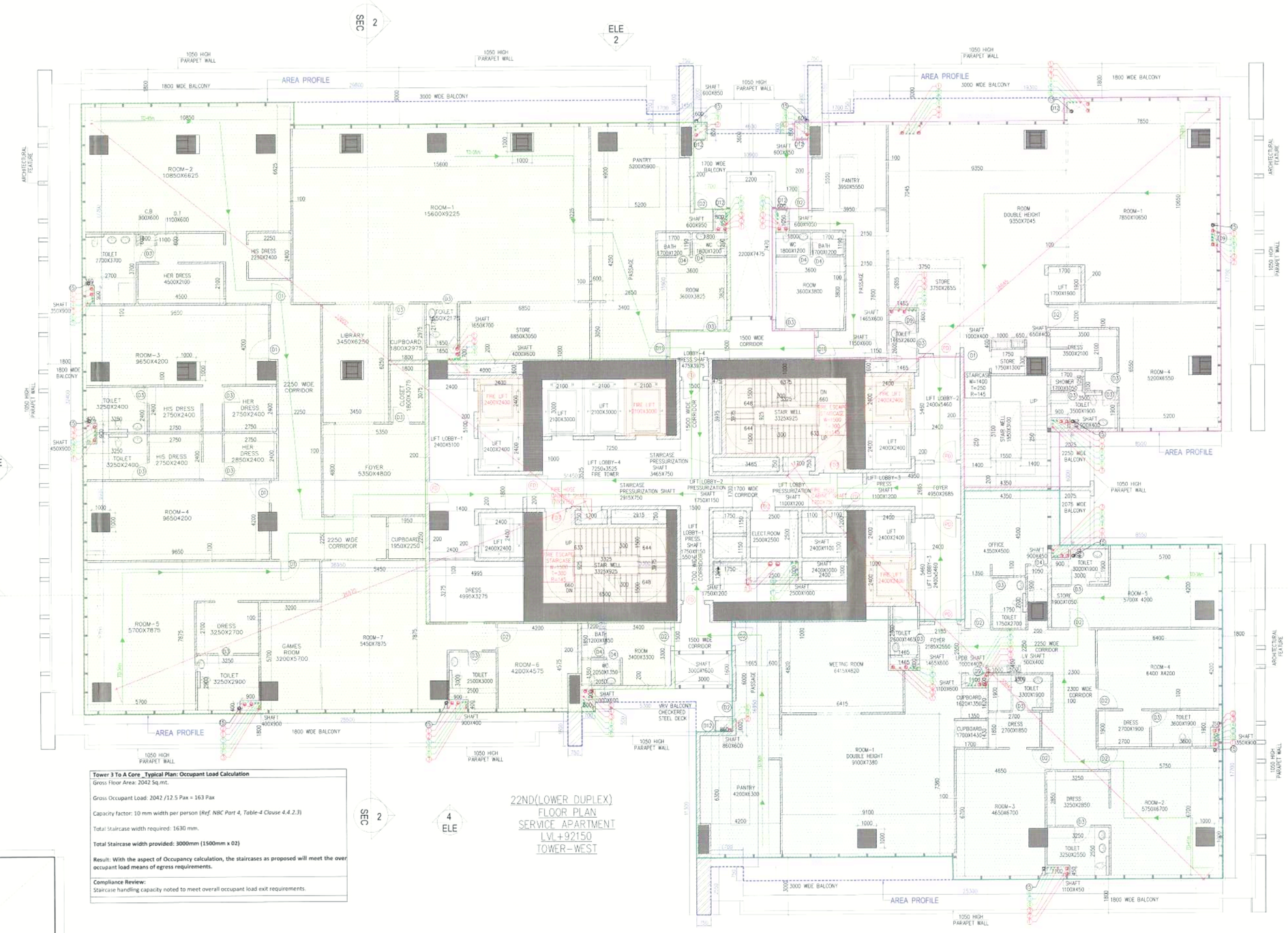
ITEM NO	TAG	DETAILS	SIZE WIDTH	SIZE HEIGHT	LOCATION
1	FD	120 MIN FIRE RATED HDF HARDWOOD DOOR	1100	2400	REFUGE ENTRY DOOR
2	FD1	60 MIN FIRE RATED HDF HARDWOOD DOOR	1300	2400	ALL MAIN ENTRY DOOR (REFUGE FLOOR)
3	FD2	60 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2100	ELECTRIC SHAFT
4	FD 11	60 MIN FIRE RATED HDF HARDWOOD DOOR	2000	2100	SERVICE SHAFT
5	H37	FIRE DOOR	1100	2400	STAIRCASE DOOR-PERFORATED DOOR
6	D	ALUMINIUM GLAZED DOOR	1200	2400	BALCONY DOOR
7	D1	HDF HARDWOOD DOOR	1200	2400	ENTRY DOOR
8	D2	HDF HARDWOOD DOOR	1000	2400	BEDROOM DOORS
9	D3	HDF HARDWOOD DOOR	850	2400	KITCHEN DOORS/TOILET DOOR
10	D4	HDF HARDWOOD DOOR	750	2400	UTILITY/BALCONY/TOILET DOORS
11	D5	SLIDING HDF HARDWOOD DOOR	650	2400	CARETAKER ROOM TOILET
12	D6	MS GLASS DOOR	900	2400	FHC's
13	D8	HDF HARDWOOD DOOR	1200	2400	MACHINE ROOM TERRACE
14	D9	HDF HARDWOOD DOOR	750	2100	PLUMBING SHAFT
15	D10	HDF HARDWOOD DOOR	1000	2400	HANDICAP TOILET (STILT)
16	D11	ALUMINIUM DOOR	1000	2400	KITCHEN DOOR (OPENING IN BALCONY)
17	D12	HDF HARDWOOD DOOR	600	2100	SHAFT DOOR
18	FD	60 MIN FIRE RATED HDF HARDWOOD DOOR	1000	2400	PRIVATE LIFT LOBBY

LEGENDS

01	SOIL	150M SOIL PIPE
02	WASTE	150M WASTE PIPE
03	V	75M VENT PIPE
04	CWS	CWS PIPE DN. 15MM
05	HWS	HWS PIPE DN. 15MM
06	HCW	HCW PIPE DN. 15MM FROM HYD.
07	HWR	HWR PIPE DN. 15MM FROM GEYSER TO HOT WATER INLET
08	HWS	HWS PIPE DN. 15MM FROM GEYSER TO HOT WATER OUTLET
09	HWR	HWR PIPE DN. 15MM FROM HOT WATER INLET TO HYD.
10	HWS	HWS PIPE DN. 15MM FROM HOT WATER OUTLET TO HYD.
11	CW	CW PIPE DN. 15MM FROM TERRACE FLOOR TO CLOSE AREA
12	SP	25MM SPL PIPE
13	WP	25MM WASTE PIPE
14	CW	CW PIPE DN. 15MM FROM TERRACE FLOOR TO EXCHANGE
15	RW	150M RAIN WATER PIPE
16	RW	200M RAIN WATER PIPE

DETAIL OF PIPES CONNECTION :-

- FROM WC TO STACK(W)..... 100M PIPE
- FROM FT TO STACK(ST..... 100M PIPE
- FROM WB TO FD(FT)..... 50M PIPE
- FROM WC WASTE TO FT..... 65M PIPE
- FROM SH TO FT..... 75M PIPE
- FLOOR TRAP 100x100 ..... FT
- FLOOR DRAIN 100x75 / 100x65..... FD
- FLOOR CLEAN OUT 100x100...COP



Tower 3 To A Core _Typical Plan: Occupant Load Calculation

Gross Floor Area: 2042 Sq.mt.

Gross Occupant Load: 2042 /12.5 Pax = 163 Pax

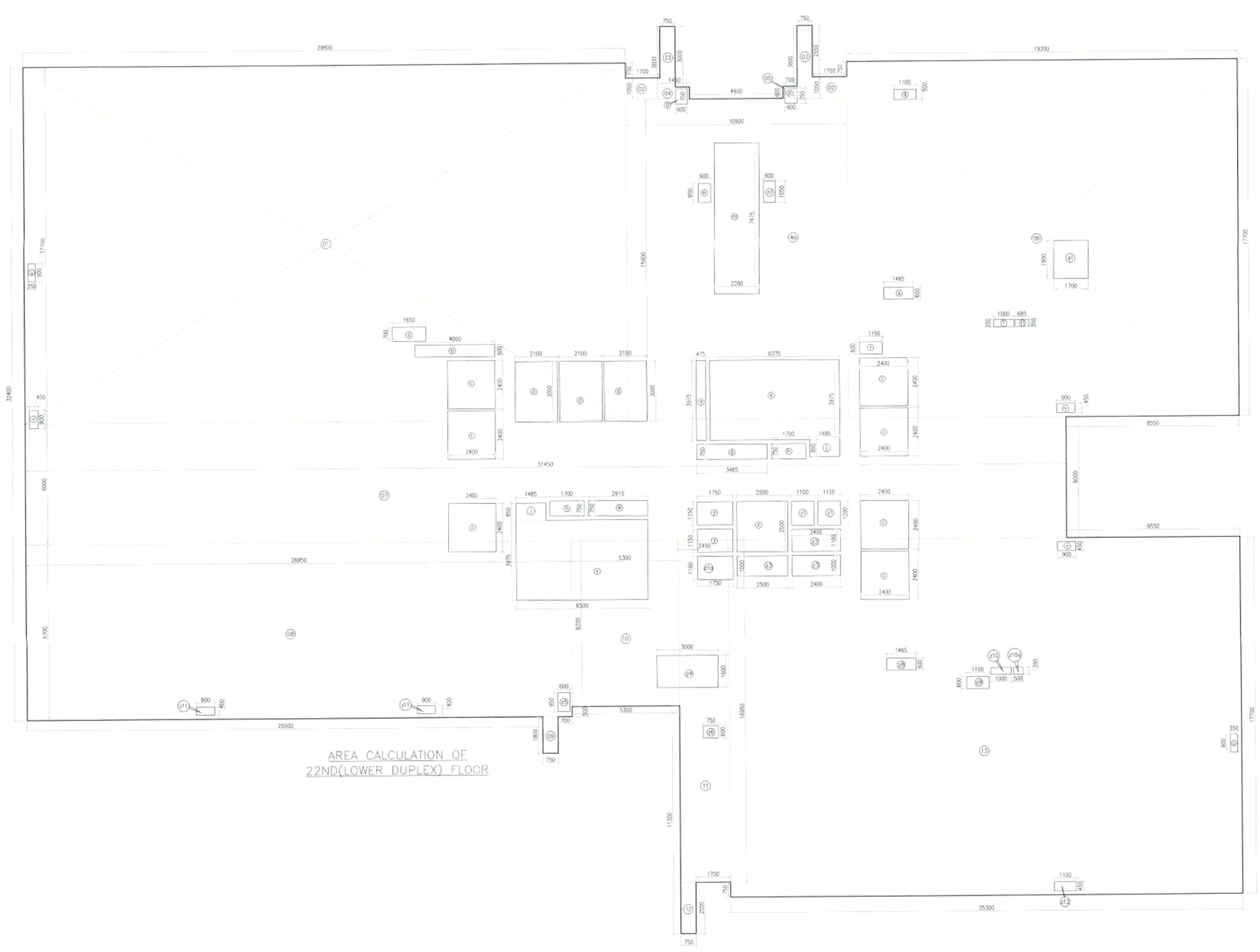
Capacity factor: 10 mm width per person (*Ref: NBC Part 4, Table-4 Clause 4.4.2.3*)

Total Staircase width required: 1630 mm.

Total Staircase width provided: 3000mm (1500mm 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.



22ND (LOWER DUPLEX) FLOOR AREA CALCULATION

GROSS - A									
1	=	1	X	29.800	X	17.750	=	527.460	SQM
2	=	2	X	1.750	X	1.050	=	3.675	SQM
3	=	2	X	0.750	X	3.600	=	5.400	SQM
4	=	1	X	1.450	X	0.600	=	0.870	SQM
4a	=	1	X	10.900	X	15.900	=	173.310	SQM
5	=	1	X	0.700	X	0.600	=	0.420	SQM
6	=	1	X	15.300	X	17.700	=	341.910	SQM
7	=	1	X	51.450	X	6.650	=	342.892	SQM
8	=	1	X	26.950	X	8.700	=	234.465	SQM
9	=	1	X	1.750	X	1.800	=	3.150	SQM
10	=	1	X	5.300	X	8.200	=	43.460	SQM
11	=	1	X	2.450	X	16.950	=	41.528	SQM
12	=	1	X	0.750	X	2.550	=	1.913	SQM
13	=	1	X	25.300	X	17.700	=	447.810	SQM
						TOTAL	=	2131.865	SQM

DEDUCTION AREA

GROSS - B									
a	=	1	X	1.650	X	0.700	=	1.155	SQM
b	=	1	X	4.000	X	0.600	=	2.400	SQM
c	=	7	X	2.400	X	2.400	=	40.320	SQM
d	=	1	X	2.100	X	3.000	=	18.900	SQM
e	=	1	X	0.475	X	3.975	=	1.888	SQM
g	=	1	X	3.465	X	0.750	=	2.599	SQM
h	=	2	X	1.700	X	0.750	=	2.550	SQM
i	=	2	X	1.485	X	0.850	=	2.525	SQM
k	=	1	X	6.375	X	3.975	=	25.341	SQM
m	=	1	X	7.475	X	2.200	=	16.445	SQM
n	=	1	X	0.600	X	0.950	=	0.570	SQM
n1	=	1	X	0.600	X	1.050	=	0.630	SQM
p	=	2	X	0.600	X	0.750	=	0.900	SQM
q	=	1	X	1.100	X	0.500	=	0.550	SQM
q1	=	1	X	1.700	X	1.900	=	3.230	SQM
r	=	1	X	1.150	X	0.600	=	0.690	SQM
s	=	1	X	1.465	X	0.600	=	0.879	SQM
t	=	1	X	1.000	X	0.350	=	0.350	SQM
t1	=	1	X	2.885	X	0.350	=	0.240	SQM
u	=	2	X	0.350	X	0.900	=	0.630	SQM
v	=	3	X	0.900	X	0.450	=	1.215	SQM
w	=	1	X	2.915	X	0.750	=	2.186	SQM
x	=	1	X	6.500	X	3.975	=	25.838	SQM
y	=	2	X	1.750	X	1.150	=	4.025	SQM
z	=	1	X	2.500	X	2.500	=	6.250	SQM
z1	=	2	X	1.100	X	1.200	=	2.640	SQM
z1a	=	1	X	1.750	X	1.160	=	2.030	SQM
z2	=	1	X	2.400	X	1.100	=	2.640	SQM
z3	=	2	X	2.500	X	1.000	=	5.000	SQM
z4	=	1	X	1.600	X	1.800	=	4.800	SQM
z5	=	1	X	0.600	X	0.950	=	0.570	SQM
z6	=	1	X	0.750	X	0.600	=	0.450	SQM
z8	=	1	X	1.465	X	0.600	=	0.879	SQM
z9	=	1	X	1.100	X	0.600	=	0.660	SQM
z10	=	1	X	1.000	X	0.350	=	0.350	SQM
z10a	=	1	X	0.500	X	0.350	=	0.175	SQM
z11	=	2	X	0.900	X	0.400	=	0.720	SQM
z12	=	1	X	1.100	X	0.450	=	0.495	SQM
						TOTAL	=	183.714	SQM

TOTAL FAR OF 22ND (LOWER DUPLEX) FLOOR	=	GROSS - A	-	GROSS - B		
	=	2131.865	-	183.714		
	=	1948.152				SQM

TOTAL BUILTUP AREA OF 22ND (LOWER DUPLEX) FLOOR

GROSS - C									
j	=	2	X	1.485	X	0.850	=	2.525	SQM
k	=	1	X	6.375	X	3.975	=	25.341	SQM
x	=	1	X	6.500	X	3.975	=	25.838	SQM
z	=	1	X	2.500	X	2.500	=	6.250	SQM
						TOTAL	=	59.953	SQM

TOTAL BUILTUP AREA OF 22ND (LOWER DUPLEX) FLOOR	=	FAR AREA	+	GROSS - C		
	=	1948.152	+	59.953		
	=	2008.104				SQM
NON FAR AREA OF 22ND (LOWER DUPLEX) FLOOR	=	BUILTUP AREA	-	FAR AREA		
	=	2008.104	-	1948.152		
	=	59.953	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. 159 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 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 PVT. LTD.
69,Nora Niwas Bhawani Kunj
(Behind D2), Vasant Kunj,
New Delhi-110070.
Tel.: 011-26898616,26898617
www.rsms-arch.com

Checked and found ok for Public Health (Internal) Service only subject to comments in Governing letter No. 2616-23 dt 24/4/24

Superintending Engineer (HQ)
Chief Engineer-I
HSVP, Panchkula

SANCTIONED
TO BE READ WITH THIS OFFICE
REMO NO.:
DATED:

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

JUNE.-2024	Scale :1:100
Drawing Title:- 22ND (LOWER DUPLEX) FLOOR PLAN & AREA CALCULATION (TOWER WEST)	Drawing No: WT-06 28082024-3