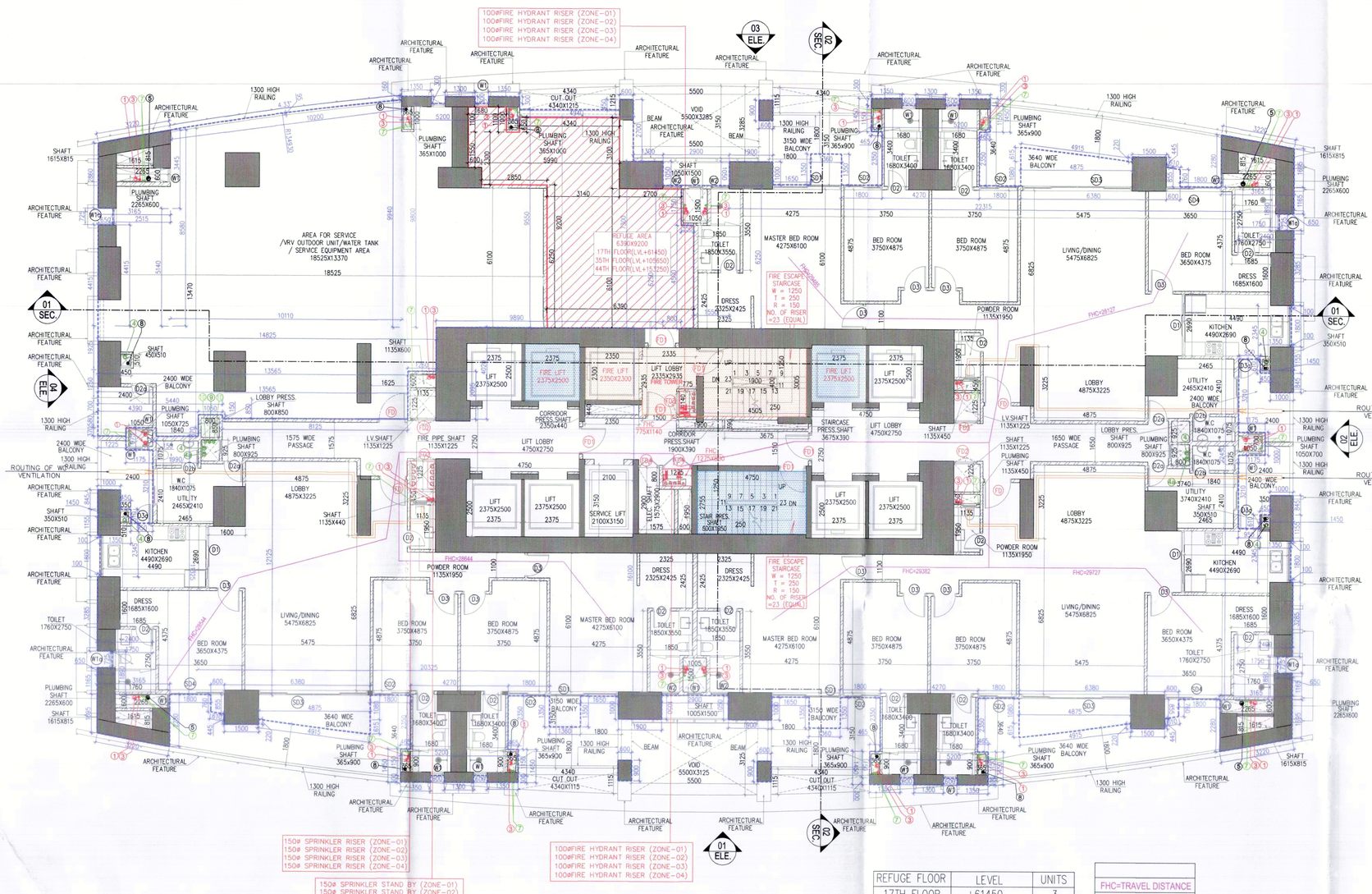
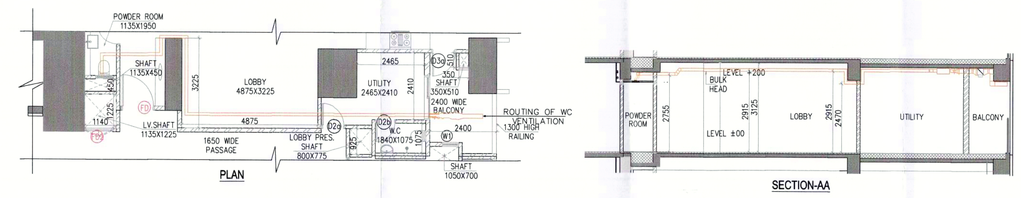


17TH ,35TH & 44TH (REFUGE) FLOOR PLAN
TOWER-A,C

REFUGE FLOOR	LEVEL	UNITS
17TH FLOOR	+61450	3
35TH FLOOR	+122650	3
44TH FLOOR	+153250	3
TOTAL UNITS		9

FHC=TRAVEL DISTANCE
FD= FIRE DOOR
FAR PROFILE LINE



PLAN

SECTION-AA

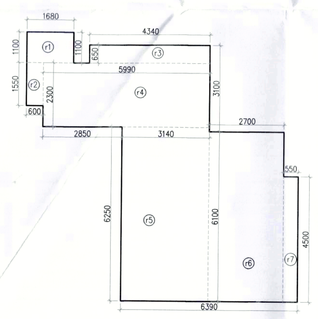
TYPICAL MECHANICAL VANTILATION CALCULATION FOR POWDER ROOM								
S. NO.	LOCATION	AREA (Sq.ft)	HEIGHT (Ft.)	VOLUME (Sq.ft)	DESIGN CFM CFM	REQUIRED EXTAUST FAN	FAN SIZE DIA.	EXTAMEN EXCT SIZE DIAMETER (mm)
TYPICAL MECHANICAL VANTILATION FOR POWDER ROOM								
1.1	POWDER ROOM	26.4	9	238	47.60	1#100cfm cassette in line fan	150	110(OD)

DOOR AND WINDOW SCHEDULE						
SR.	NAME	WIDTH (MM)	HEIGHT (MM)	SILL LVL	LINTELLVL	FIRE RATING
1	D1	900	2400	0	2400	-
2	D2	800	2400	0	2400	-
3	D2a	850	2400	0	2400	-
4	D2b	750	2635	0	2635	-
5	D3	1000	2400	0	2400	-
6	D3a	900	2600	0	2600	-
7	SD1	3000	2600	0	2600	-
8	SD2	1680	2600	0	2600	-
9	SD2a	1600	2600	0	2600	-
10	SD3	4775	2600	0	2600	-
11	SD4	2400	2600	0	2600	-
12	W1	600	1100	1350	2450	-
13	W1a	725	1100	1350	2450	-
14	W2	1150	1550	1050	2600	-
15	FD1	1200	2400	0	2400	1HR
16	FD1	1320	2400	0	2400	2HR
17	FD1	1000	2050	100	2150	2HR
18	FD1	1000	2050	100	2150	2HR
19	FD1	900	2050	100	2150	2HR

SHAFT PIPE

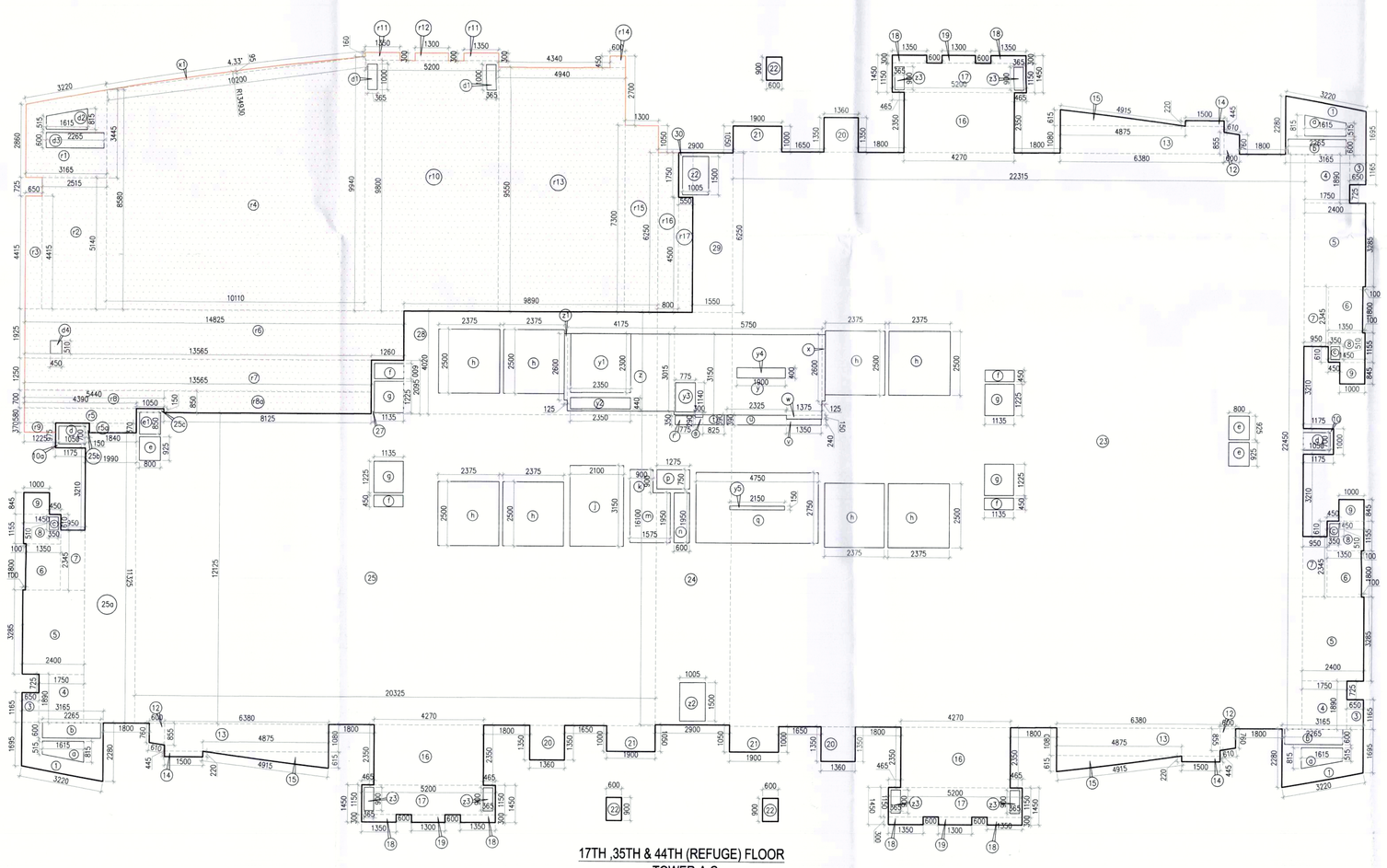
SYMBOL	ABBRIVIATION	DESCRIPTION
SP	SP	SOIL SOIL & WASTE PIPE
VP	VP	SOIL VENT PIPE
CW	CW	CWF CWR WATER PIPE
HW	HW	HWS HWR WATER PIPE
RWP	RWP	150# RAIN WATER PIPE
WASTE	WASTE	100# WASTE PIPE FOR KITCHEN
FWS	FWS	FLUSHING WATER SUPPLY PIPE FOR TAKI PIPE
RWP	RWP	75# RAIN WATER PIPE FOR BALCONY
-	-	-
FWSR	FWSR	FLUSHING WATER SUPPLY RISER PIPE

DIMENSION LEGEND:	
1525	ARCHITECTURE DIM.
1525	AREA DIM.



35TH & 44TH REFUGE FLOOR

TYPICAL REFUGE 35TH & 44TH FLOOR AREA CALCULATION									
GROSS – A									
r1	=	1	X	1.680	X	1.100	=	1.848	SQM
r2	=	1	X	0.600	X	1.550	=	0.930	SQM
r3	=	1	X	4.340	X	0.650	=	2.821	SQM
r4	=	1	X	5.990	X	2.300	=	13.777	SQM
r5	=	1	X	3.140	X	6.250	=	19.625	SQM
r6	=	1	X	2.700	X	6.100	=	16.470	SQM
r7	=	1	X	0.550	X	4.500	=	2.475	SQM
						TOTAL	=	57.946	SQM
GROSS AREA OF TYPICAL REFUGE 35TH & 44TH FLOOR	=	987.098	SQM						
GROSS AREA OFTYPICAL (36TH & 45TH) FLOOR	=	1167.080	SQM						
TOTAL	=	2154.178	SQM						
TOTAL NO. OF OCCUPANTS	=	GROSS AREA	/	OCCUPANT FACTOR					
	=	2154.178	/	12.5	=	172	PERSONS		
REFUGE AREA REQUIRED	=	0.3 SQM PER PERSON	*	0.9 SQM ADDITIONAL SPAE TO ACCOMMODATE WHEEL CHAIR					
	=	0.3	X	172	=	0.9			
	=	51.700			=	0.9			
	=	52.600	SQM.						
PROPOSED REFUGE AREA	=	57.946	SQM.						



17TH ,35TH & 44TH (REFUGE) FLOOR
TOWER-A,C

17TH , 35TH & 44TH REFUGE FLOOR AREA								
GROSS – A								
1	3	X	0.5 X (1.695+2.280)	X	3.165	=	18.871	SQM
3	3	X	0.650	X	1.165	=	2.272	SQM
4	3	X	1.750	X	1.890	=	9.923	SQM
5	3	X	2.400	X	3.285	=	23.652	SQM
6	3	X	1.350	X	1.800	=	7.290	SQM
7	3	X	0.950	X	2.345	=	6.683	SQM
8	3	X	1.450	X	1.155	=	5.024	SQM
9	3	X	1.000	X	0.845	=	2.535	SQM
10	1	X	1.175	X	1.000	=	1.175	SQM
10a	1	X	1.175	X	0.975	=	1.146	SQM
12	3	X	0.5 X (0.760+0.655)	X	0.600	=	1.454	SQM
13	3	X	6.380	X	1.080	=	20.671	SQM
14	3	X	1.800	X	0.220	=	0.990	SQM
15	3	X	0.5X4.675	X	0.615	=	4.686	SQM
16	3	X	4.270	X	2.350	=	30.104	SQM
17	3	X	5.200	X	1.150	=	17.940	SQM
18	6	X	1.350	X	0.300	=	2.430	SQM
19	3	X	1.300	X	0.300	=	1.170	SQM
20	3	X	1.360	X	1.350	=	5.508	SQM
21	3	X	1.900	X	1.000	=	5.700	SQM
22	3	X	0.600	X	0.900	=	1.620	SQM
23	1	X	22.315	X	22.450	=	500.972	SQM
24	1	X	2.900	X	16.100	=	46.690	SQM
25	1	X	20.325	X	12.125	=	246.441	SQM
25a	1	X	1.990	X	11.325	=	22.537	SQM
25b	1	X	0.150	X	0.370	=	0.056	SQM
25c	1	X	1.050	X	0.150	=	0.158	SQM
27	1	X	1.260	X	2.095	=	2.640	SQM
28	1	X	9.890	X	4.020	=	39.758	SQM
29	1	X	1.550	X	6.250	=	9.688	SQM
30	1	X	0.550	X	1.750	=	0.963	SQM
					TOTAL	=	1046.743	SQM
DEDUCTION AREA								
a	3	X	0.5 X (0.515+0.815)	X	1.615	=	3.222	SQM
b	3	X	2.265	X	0.600	=	4.077	SQM
c	3	X	0.350	X	0.510	=	0.536	SQM
d	2	X	1.050	X	0.700	=	1.470	SQM
e	3	X	0.800	X	0.925	=	2.220	SQM
e1	1	X	0.800	X	0.850	=	0.680	SQM
f	3	X	1.135	X	0.450	=	1.532	SQM
f1	1	X	1.135	X	0.600	=	0.681	SQM
g	4	X	1.135	X	1.225	=	5.562	SQM
h	8	X	2.375	X	2.500	=	47.500	SQM
i	1	X	2.100	X	3.150	=	6.615	SQM
k	1	X	0.900	X	0.900	=	0.810	SQM
m	1	X	1.575	X	1.950	=	3.071	SQM
n	1	X	0.600	X	1.950	=	1.170	SQM
p	1	X	1.275	X	0.750	=	0.956	SQM
q	1	X	4.750	X	2.750	=	13.063	SQM
r	1	X	0.775	X	0.350	=	0.271	SQM
s	1	X	0.300	X	0.290	=	0.087	SQM
t	1	X	0.825	X	0.390	=	0.322	SQM
u	1	X	2.325	X	0.390	=	0.907	SQM
v	1	X	1.350	X	0.240	=	0.324	SQM
w	1	X	1.375	X	0.150	=	0.206	SQM
x	1	X	0.125	X	2.600	=	0.325	SQM
y	1	X	5.750	X	3.150	=	18.113	SQM
z	1	X	4.175	X	3.015	=	12.588	SQM
z1	1	X	2.600	X	0.125	=	0.325	SQM
z2	2	X	1.005	X	1.500	=	3.015	SQM
z3	6	X	0.365	X	0.900	=	1.971	SQM
					TOTAL	=	131.617	SQM
TOTAL FAR AREA OF 17TH , 35TH & 44TH REFUGE FLOOR				=	GROSS – A	-	GROSS – B	
				=	1046.743	-	131.617	
				=	909.126	SQM		
NON FAR AREA (ADDITION)								
GROSS – C								
w	1	X	1.375	X	0.150	=	0.206	SQM
x	1	X	0.125	X	2.600	=	0.325	SQM
y	1	X	5.750	X	3.150	=	18.113	SQM
z	1	X	4.175	X	3.015	=	12.588	SQM
z1	1	X	0.125	X	2.600	=	0.325	SQM
q	1	X	4.750	X	2.750	=	13.063	SQM
r1	1	X	0.5 X (2.860+3.445)	X	3.165	=	9.978	SQM
r2	1	X	2.515	X	5.140	=	12.927	SQM
r3	1	X	0.650	X	4.415	=	2.870	SQM
r4	1	X	0.5 X (6.580+9.940)	X	10.110	=	93.619	SQM
r5	1	X	4.390	X	0.580	=	2.546	SQM
r5a	1	X	1.840	X	0.370	=	0.681	SQM
r6	1	X	14.825	X	1.925	=	28.538	SQM
r7	1	X	13.565	X	1.250	=	16.956	SQM
r8	1	X	5.440	X	0.700	=	3.808	SQM
r8a	1	X	8.125	X	0.850	=	6.906	SQM
r9	1	X	1.225	X	0.375	=	0.453	SQM
r10	1	X	5.200	X	9.800	=	50.960	SQM
r11	2	X	1.350	X	0.300	=	0.810	SQM
r12	1	X	1.300	X	0.300	=	0.390	SQM
r13	1	X	4.940	X	9.550	=	47.177	SQM
r14	1	X	0.600	X	0.450	=	0.270	SQM
r15	1	X	1.300	X	7.300	=	9.490	SQM
r16	1	X	0.800	X	6.250	=	5.000	SQM
r17	1	X	0.550	X	4.500	=	2.475	SQM
					TOTAL	=	340.473	SQM
NON FAR AREA(DEDUCTION)								
GROSS – D								
y1	1	X	2.350	X	2.300	=	5.405	SQM
y2	1	X	2.350	X	0.440	=	1.034	SQM
y3	1	X	0.775	X	1.140	=	0.884	SQM
y4	1	X	1.900	X	0.400	=	0.760	SQM
y5	1	X	2.150	X	0.150	=	0.323	SQM
d1	2	X	0.365	X	1.000	=	0.730	SQM
d2	1	X	0.5 X (0.515+0.815)	X	1.615	=	1.074	SQM
d3	1	X	2.265	X	0.600	=	1.359	SQM
d4	1	X	0.450	X	0.510	=	0.230	SQM
					TOTAL	=	11.797	SQM

TOTAL NON FAR AREA OF 17TH, 35TH & 44TH REFUGE FLOOR	=	GROSS – C	-	GROSS – D	-	GROSS – C1
	=	340.473	-	11.797	-	0.682
	=	327.994	SQM			
TOTAL BUILTUP AREA OF 17TH , 35TH & 44TH REFUGE FLOOR	=	FAR AREA	+	NON FAR AREA		
	=	909.126	+	327.994		
	=	1237.119	SQM			

NON FAR AREA (ADDITION)																										
GROSS – C1																										
d1	2.140	X	134.930	X	134.930	X	4.3	=	580	-	0.8	X	134.930	=	0.895	X	10.339	=	0.682	SQM
																	TOTAL	=	0.682	SQM

Note :-

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

PROJECT

PROPOSED BUILDING PLANS OF PHASE-VIII (PRIVANA-NORTH) FALLING UNDER RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 13.24 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD.IN COLLABORATION WITH LAND OWNERS AND IT' S ASSOCIATE COMPANIES

DESIGN ARCHITECT

ARCHITECTS:-
DESIGN FORUM INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com

ASSOCIATE ARCHITECTS

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

S.T.P.(HQ) Member Secretary B.P.A.C. — S.T.P.(G) Member B.P.A.C. — C.T.P.(HR) Chairman B.P.A.C.

D.T.P.(HQ) — ATP(HQ)

J.D. — P.A. — A.T.P.

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 7362 dt. 04/4/25

Superintending Engineer (HQ) for CMD Engineers HSVP, Panchkula

JDT(T) MEMBER BPAC

DINESH KUMAR FA(HQ)

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO. 15660
DATE 09-05-2025

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE
MANISH KUMAR CA/2008/42027	For DLF Limited Authorised Signatory

FEB.-2025 | Scale : 1:100 | NORTH

Drawing Title:- 17TH, 35TH & 44TH REFUGE FLOOR PLAN OF AREA CALCULATION TOWER-A,C

Drawing No:- TA-06

02-11042025