SANCTIONED
VIDE MEMO No. 328895 DATED 5-12-2024

Checked and found correct in principle
(Internal) Service only subject to comments in
in forwarding letter No. 2887 dt. 24/10/2024

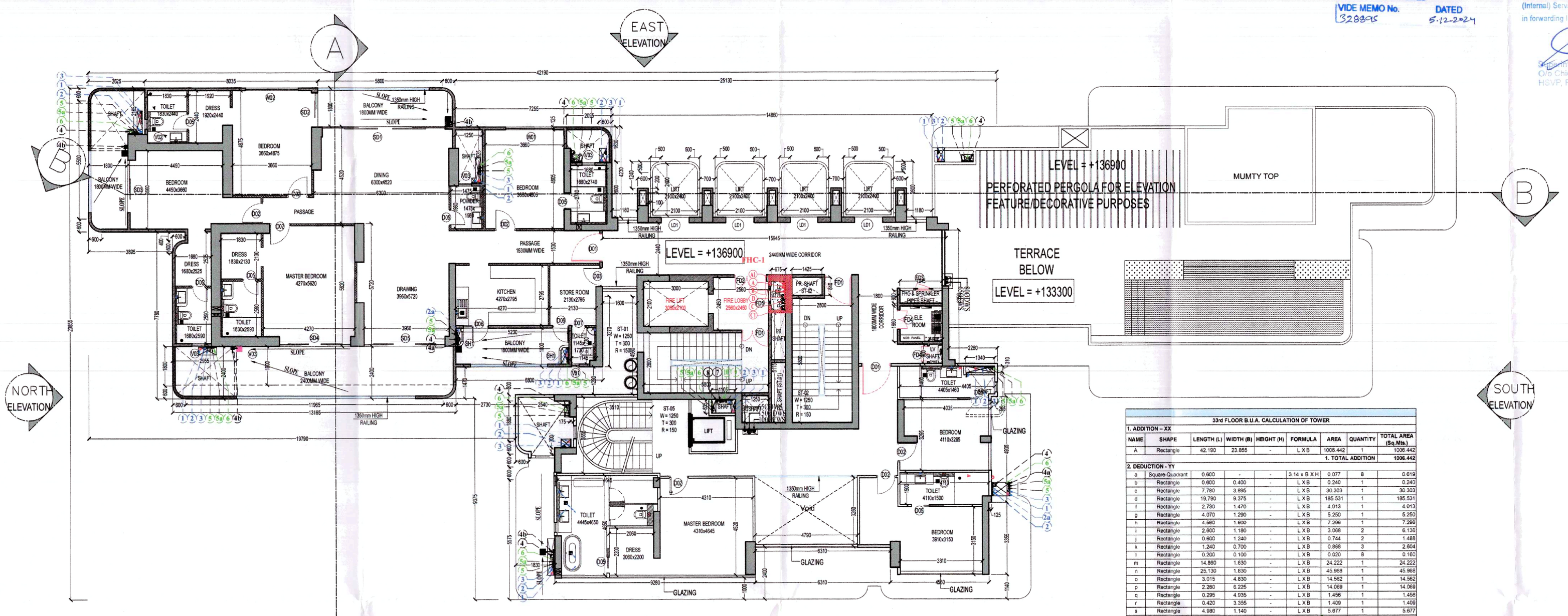
Superintending Engineer(HQ)
O/o Chief Engineer
HSVP, Panchkula

SUBMISSION DRAWINGS

FIRE LEGEND:-	
A.	100Ø HYDRANT PIPE FOR LOWER ZONE
A1.	100Ø HYDRANT PIPE FOR UPPER ZONE
B.	150Ø DRAIN PIPE
C.	150Ø SPRINKLER PIPE FOR LOWER ZONE
C1.	150Ø SPRINKLER PIPE FOR UPPER ZONE
D.	100Ø FIRE HYDRANT MAKE UP PIPE
FHC	FIRE HOSE CABINET
FLD	FLOOR DRAIN

DTP (HQ) Member Secretary BPAC
STP (HQ) Member BPAC
CTP Chairman BPAC

Suraj Bhan
J.D.



TOILET DETAIL TYPICAL

01 33rd FLOOR PLAN
Scale:1:100

33rd FLOOR B.U.A. CALCULATION OF TOWER								
1. ADDITION – XX								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A	Rectangle	42.190	23.855	-	L X B	1006.442	1	1006.442
						1. TOTAL ADDITION		1006.442
2. DEDUCTION - YY								
a	Square-Quadrant	0.600	-	-	3.14 x B X H	0.077	8	0.619
b	Rectangle	0.600	0.400	-	L X B	0.240	1	0.240
c	Rectangle	7.780	3.895	-	L X B	30.303	1	30.303
d	Rectangle	19.790	9.375	-	L X B	185.531	1	185.531
f	Rectangle	2.730	1.470	-	L X B	4.013	1	4.013
g	Rectangle	4.070	1.290	-	L X B	5.250	1	5.250
h	Rectangle	4.560	1.600	-	L X B	7.296	1	7.296
i	Rectangle	2.600	1.180	-	L X B	3.068	2	6.136
j	Rectangle	0.600	1.240	-	L X B	0.744	2	1.488
k	Rectangle	1.240	0.700	-	L X B	0.868	3	2.604
l	Rectangle	0.200	0.100	-	L X B	0.020	8	0.160
m	Rectangle	14.860	1.630	-	L X B	24.222	1	24.222
n	Rectangle	25.130	1.830	-	L X B	45.988	1	45.988
o	Rectangle	3.015	4.830	-	L X B	14.562	1	14.562
p	Rectangle	2.260	6.225	-	L X B	14.069	1	14.069
q	Rectangle	0.295	4.935	-	L X B	1.456	1	1.456
r	Rectangle	0.420	3.355	-	L X B	1.409	1	1.409
s	Rectangle	4.980	1.140	-	L X B	5.677	1	5.677
t	Square-Quadrant	0.500	-	-	3.14 x B X H	0.054	8	0.430
u	Rectangle	6.310	2.440	-	L X B	15.396	1	15.396
v	Rectangle	9.280	1.000	-	L X B	9.280	1	9.280
w	Rectangle	6.775	1.830	-	L X B	12.398	1	12.398
20a	Rectangle	4.790	3.110	-	L X B	14.897	1	14.897
						2. TOTAL DEDUCTION		403.425
TOTAL B.U.A. ON 33rd FLOOR OF TOWER					ADDITION (XX) - DEDUCTION (YY)			603.017 SQM.

33rd FLOOR F.A.R. CALCULATION OF TOWER								
1. ADDITION – XX								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A	Rectangle	42.190	23.855	-	L X B	1006.442	1	1006.442
						1. TOTAL ADDITION		1006.442
2. DEDUCTION - YY								
1	Quadrant	0.600	-	-	3.14 x B X H	0.283	6	1.696
2	Rectangle	1.200	0.600	-	L X B	0.720	3	2.160
3	Rectangle	2.565	0.825	-	L X B	2.116	1	2.116
4	Rectangle	5.500	1.800	-	L X B	9.900	1	9.900
5	Rectangle	5.800	1.800	-	L X B	10.440	1	10.440
6	Rectangle	1.000	0.150	-	L X B	0.150	1	0.150
7	Rectangle	2.625	1.100	-	L X B	2.888	1	2.888
8	Rectangle	1.495	0.600	-	L X B	0.897	1	0.897
9	Rectangle	2.095	0.400	-	L X B	0.838	1	0.838
10	Rectangle	1.920	0.665	-	L X B	1.277	1	1.277
11	Rectangle	5.230	1.800	-	L X B	9.414	1	9.414
12	Rectangle	13.165	1.800	-	L X B	23.697	1	23.697
13	Rectangle	2.355	0.600	-	L X B	1.413	1	1.413
14	Rectangle	1.830	0.300	-	L X B	0.549	1	0.549
15	Rectangle	2.540	1.880	-	L X B	4.775	1	4.775
16	Rectangle	1.130	0.175	-	L X B	0.198	1	0.198
17	Rectangle	2.115	0.300	-	L X B	0.635	1	0.635
18	Rectangle	1.200	0.300	-	L X B	0.360	1	0.360
20	Rectangle	1.105	0.635	-	L X B	0.702	1	0.702
21	Rectangle	1.250	1.265	-	L X B	1.581	1	1.581
28	Rectangle	1.340	0.310	-	L X B	0.415	1	0.415
29	Rectangle	5.600	2.800	-	L X B	16.240	2	32.480
30	Rectangle	1.425	0.840	-	L X B	1.197	1	1.197
30a	Rectangle	1.250	1.090	-	L X B	1.363	1	1.363
31	Rectangle	0.675	1.350	-	L X B	0.911	1	0.911
32	Rectangle	0.675	5.115	-	L X B	3.453	1	3.453
33	Rectangle	3.000	2.100	-	L X B	6.300	1	6.300
34	Rectangle	1.945	0.600	-	L X B	1.167	1	1.167
35	Rectangle	1.945	1.660	-	L X B	3.229	1	3.229
36	Rectangle	0.600	0.900	-	L X B	0.540	1	0.540
38	Rectangle	2.100	2.000	-	L X B	4.200	4	16.800
39	Quadrant	0.400	-	-	3.14 x B X H	0.126	8	1.005
40	Rectangle	1.300	0.400	-	L X B	0.520	4	2.080
a	Square-Quadrant	0.600			3.14 x B X H	0.077	8	0.619
b	Rectangle	0.600	0.400	-	L X B	0.240	1	0.240
c	Rectangle	7.780	3.895	-	L X B	30.303	1	30.303
d	Rectangle	19.790	9.375	-	L X B	185.531	1	185.531
f	Rectangle	2.730	1.470	-	L X B	4.013	1	4.013
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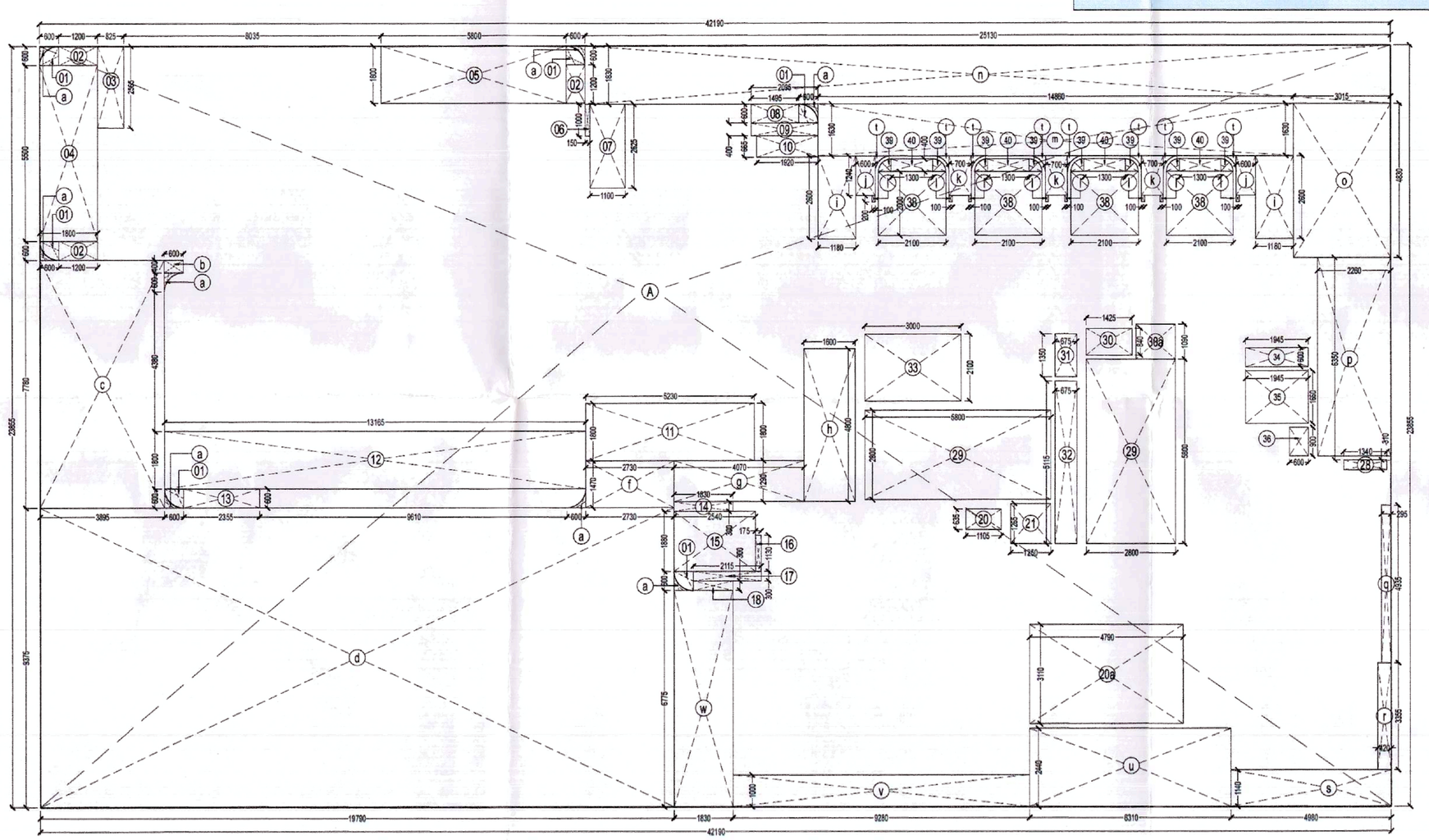
w	Rectangle	6.775	1.830	-	L X B	12.398	1	12.398
20a	Rectangle	4.790	3.110	-	L X B	14.897	1	14.897
						2. TOTAL DEDUCTION		590.433
TOTAL F.A.R. ON 33rd FLOOR OF TOWER					ADDITION (XX) - DEDUCTION (YY)			456.010 SQM.



02 33rd FLOOR AREA DIAGRAM
Scale:1:100

GENERAL NOTES :

1. DRAWINGS IN FL & FF SERIES REPRESENTS PLUMBING AND FIRE SUPPRESSION SYSTEM.
2. IN CASE OF ANY DISCREPANCY IT SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT / PROJECT MANAGER / CONSULTANT.
3. DRAWING SHOULD NOT BE SCALED. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL LAND, SCAPING, STRUCTURAL AND OTHER SERVICES DRAWING.
5. ALL SERVICES SHAOPS WILL BE SEALED AT EVERY FLOOR LEVEL.&OPER INSTALLING SERVICES.

NOTES :

WHEREVER DEFINED RESTAURANT/FOOD COURT PLANED PLEASE PROVIDE MIN. 450MM SUNK REQUIRED.

PLUMBING LEGEND:-

1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	150Ø SOIL PIPE
3a	150Ø WASTE PIPE
3b	100Ø WASTE PIPE FOR KITCHEN
4	75Ø VENT PIPE
5	200Ø RAIN WATER PIPE
6	150Ø RAIN WATER PIPE
6a	75Ø UTILITY BALCONY DRAIN PIPE
6b	75Ø BALCONY RAIN WATER PIPE
7	DOM. WATER SUPPLY LINE
7a	DOM. HYDRO. WATER SUPPLY PIPE TOP 4 FLOORS
8	FLU. WATER SUPPLY LINE
9	DOMESTIC WATER TANK FILLING RISER (FOR TOP TERRACE)
9	FLUSHING WATER TANK FILLING RISER (FOR TOP TERRACE)
9	DOMESTIC WATER TANK FILLING RISER (FOR SERVICE FLOOR-MID LVL)
10	FLUSHING WATER TANK FILLING RISER (FOR SERVICE FLOOR-MID LVL)
AD	ACCESS DOOR
DP	DRAIN PROVISION
FD	FLOOR DRAIN
	KHURRA 250x250 IN CORRIDOR
	KHURRA 450x450 IN TERRACE
	BUTTERFLY VALVE
	STRAINER
	DROP
	RISE
	NON RETURN VALVE

DOOR WINDOW SCHEDULE - TOWER

Type	Opening Size	Sill/Head Level	Location	Remarks
D	1500x2400	200/400	BASEMENT LIFT LOBBY	1 HOUR FIRE RATED
D01	1200x2700	200/700	UNIT ENTRANCE	1 HOUR FIRE RATED
D02	1000x2400	200/400	BEDROOM	Wooden flush door
D03	900x2400	200/400	STORE ROOM	Wooden flush door
D04	900x2400	200/400	S. ROOM / STUDY ROOM	Wooden flush door
D05	750x2400	200/400	TOILET	Wooden flush door
D06	750x2700	200/700	KITCHEN, STORE ROOM	UPVC
D07	650x2400	200/400	STORE TOILET	Wooden flush door
W01	2250x2400	1000/700	BEDROOM	OPENABLE UPVC
W02	2400x2400	1000/700	MASTER BEDROOM, MED ROOM	OPENABLE UPVC
V01	550x1200	1200/2400	TOILET	OPENABLE UPVC
V02	450x1200	1200/2400	STORE TOILET	OPENABLE UPVC
V03	600x1200	1200/2400	TOILET	OPENABLE UPVC
DW1	2400x2700	1100/2700	KITCHEN	OPENABLE UPVC
DW2	1800x2700	1100/2700	KITCHEN	OPENABLE UPVC
SD1	5700x2700	700/700	LIVING/DINING	SLIDING UPVC
SD2	1600x2700	700/700	BEDROOM	SLIDING UPVC
SD3	2400x2700	700/700	BEDROOM	SLIDING UPVC
SD4	3100x2700	700/700	MASTER BED ROOM	SLIDING UPVC
SD5	3700x2700	700/700	DRAWING	SLIDING UPVC
SD6	2900x2700	700/700	BEDROOM	SLIDING UPVC
SD7	6310x2700	700/700	DRAWING/DINING	SLIDING UPVC
LD1	1800x2700	700/700	LOBBY	AS / VENDOR
FD1	1250x2400	700/400	STAIRCASE	1 HOUR FIRE RATED
FD2	1500x2700	700/400	LIFT LOBBY	1 HOUR FIRE RATED
FD3	900x2400	700/400	ELECTRICAL ROOM	2 HOUR FIRE RATED
FD4	750x2700	400/400	LV SHAFT	2 HOUR FIRE RATED
FD5	900x1800	6000/400	FHC	2 HOUR FIRE RATED
FD6	2000x2400	800/400	BASEMENT ELE SERVICE CORRI.	2 HOUR FIRE RATED
FD7	1250x2400	800/400	FIRE CONTROL ROOM	2 HOUR FIRE RATED

Note: Above mentioned opening sizes are from structural wall to wall.

PRINCIPAL ARCHITECT:

DESIGN FORUM INTERNATIONAL

K47, KAILASH COLONY, NEW DELHI - 110048
PHONE NO. 011-46556600

ARCHITECT'S SIGNATURE

AR. VIKKEY
CA-2017-62526

OWNER'S SIGNATURE

AHIR INFRASPACE PVT. LTD. HARYANA

CLIENT:

M/S AHIR INFRASPACE PRIVATE LIMITED
10th Floor, Grand View Tower,Golf Course Extension Road
Sector 58 -Gurgaon-122011

JD (H) DTP (H) STP (H) (MEMBER) (B.P.A.C.)

PROJECT:

PROPOSED GROUP HOUSING SITE NO. 25
IN SECTOR -53 GURUGRAM - HARYANA

DRAWING TITLE:

33rd FLOOR PLAN ,
AREA DIAGRAM & CALCULATIONS

SCALE	NORTH	SHEET NO.
AS SHOWN		15
DATE 24.07.2024		