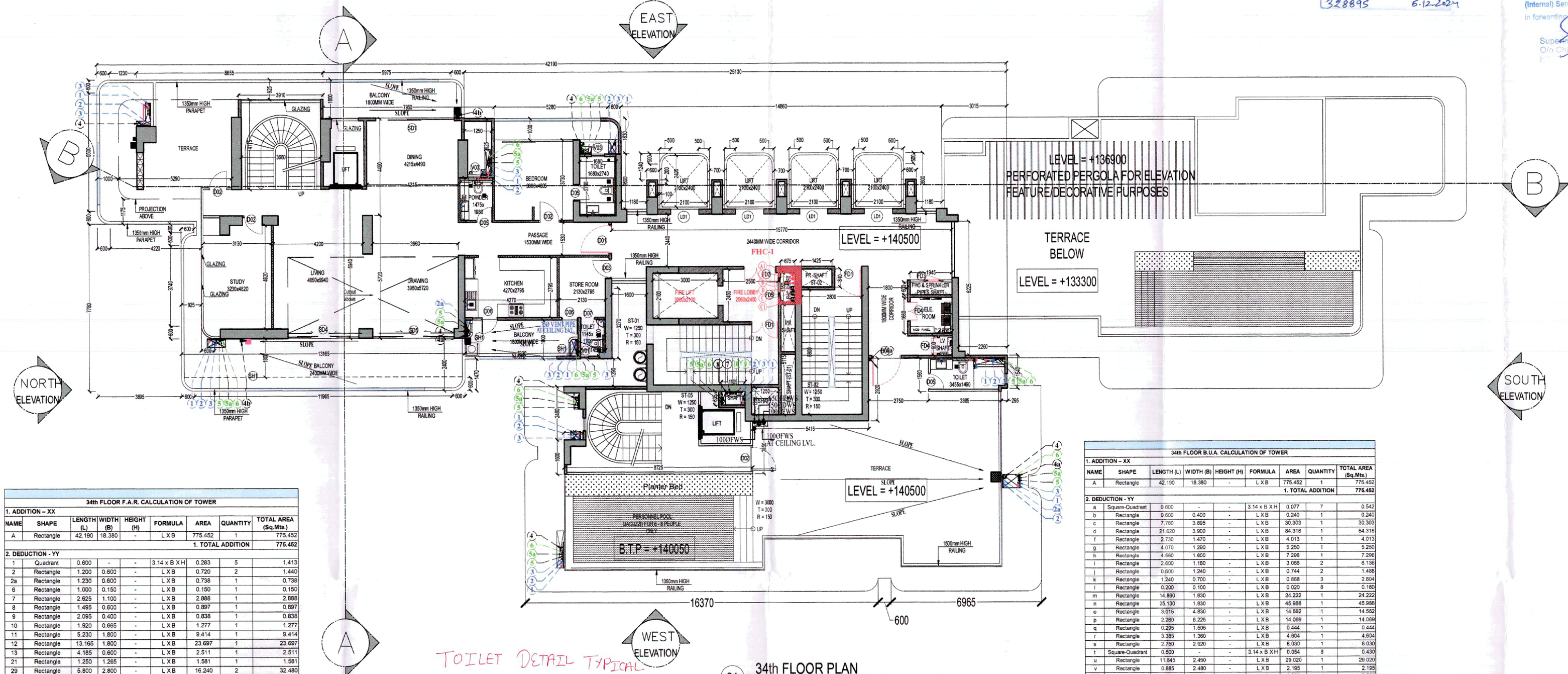
SANCTIONED
VIDE MEMO No. 328895 DATED 6.12.2024

SUBMISSION DRAWINGS

Checked and found ok for Public Health (Internal) Service only subject to comments in 328896 dated 1/12/2024
Superintending Engineer(HQ)
On Site Sanitary

FIRE LEGEND:-	
A.	100Ø HYDRANT PIPE FOR LOWER ZONE
A1.	100Ø HYDRANT PIPE FOR UPPER ZONE
B.	80Ø DRAIN PIPE
C.	15Ø SPRINKLER PIPE FOR LOWER ZONE
C1.	15Ø 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 I.D.



TOILET DETAIL TYPICAL

01 34th FLOOR PLAN
Scale:1:100

34th 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	18.380	-	L X B	775.452	1	775.452
							1. TOTAL ADDITION	775.452
2. DEDUCTION - YY								
1	Quadrant	0.600	-	-	3.14 x B X H	0.283	5	1.413
2	Rectangle	1.200	0.600	-	L X B	0.720	2	1.440
2a	Rectangle	1.230	0.600	-	L X B	0.738	1	0.738
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	4.185	0.600	-	L X B	2.511	1	2.511
21	Rectangle	1.250	1.265	-	L X B	1.581	1	1.581
29	Rectangle	5.800	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	7	0.542
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	21.620	3.900	-	L X B	84.318	1	84.318
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	4.800	1.600	-	L X B	7.680	1	7.680
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	1.505	-	L X B	0.444	1	0.444
r	Rectangle	3.385	1.360	-	L X B	4.604	1	4.604
s	Rectangle	2.750	2.920	-	L X B	8.030	1	8.030
t	Square-Quadrant	0.500	-	-	3.14 x B X H	0.054	8	0.430
u	Rectangle	11.845	2.450	-	L X B	29.020	1	29.020
v	Rectangle	0.885	2.480	-	L X B	2.195	1	2.195
w	Rectangle	1.830	0.180	-	L X B	0.329	1	0.329
2a	Area of polyline					0.077	2	0.154
2b	Rectangle	0.830	0.575	-	L X B	0.477	1	0.477
2c	Rectangle	2.990	1.175	-	L X B	3.513	1	3.513
2d	Rectangle	0.325	1.000	-	L X B	0.325	1	0.325
2e	Area of polyline					0.280	1	0.280
4a	Rectangle	1.000	5.500	-	L X B	5.500	1	5.500
5a	Rectangle	5.975	1.800	-	L X B	10.755	1	10.755
5b	Rectangle	8.655	0.925	-	L X B	8.006	1	8.006
5c	Rectangle	0.830	0.325	-	L X B	0.270	1	0.270
8a	Rectangle	3.785	1.000	-	L X B	3.785	1	3.785
12a	Area of polyline					0.077	1	0.077
12b	Rectangle	0.925	0.600	-	L X B	0.555	1	0.555
12c	Rectangle	0.925	3.780	-	L X B	3.497	1	3.497
29a	Rectangle	0.885	1.600	-	L X B	1.416	1	1.416
29b	Rectangle	2.955	4.080	-	L X B	12.056	1	12.056
29c	Rectangle	4.550	3.840	-	L X B	17.472	1	17.472
29d	Rectangle	0.335	2.450	-	L X B	0.821	1	0.821
36a	Rectangle	1.420	1.560	-	L X B	2.215	1	2.215
36b	Rectangle	1.985	1.685	-	L X B	3.311	1	3.311
36c	Rectangle	0.295	1.540	-	L X B	0.454	1	0.454
							2. TOTAL DEDUCTION	478.934
TOTAL F.A.R. ON 34th FLOOR OF TOWER				ADDITION (XX) - DEDUCTION (YY)				296.519 SQM.

34th 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	18.380	-	L X B	775.452	1	775.452
							1. TOTAL ADDITION	775.452
2. DEDUCTION - YY								
a	Square-Quadrant	0.600	-	-	3.14 x B X H	0.077	7	0.542
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	21.620	3.900	-	L X B	84.318	1	84.318
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	4.800	1.600	-	L X B	7.680	1	7.680
i	Rectangle	2.600	1.180	-	L X B	3.068	2	6.136
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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
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p	Rectangle	2.260	6.225	-	L X B	14.069	1	14.069
q	Rectangle	0.295	1.505	-	L X B	0.444	1	0.444
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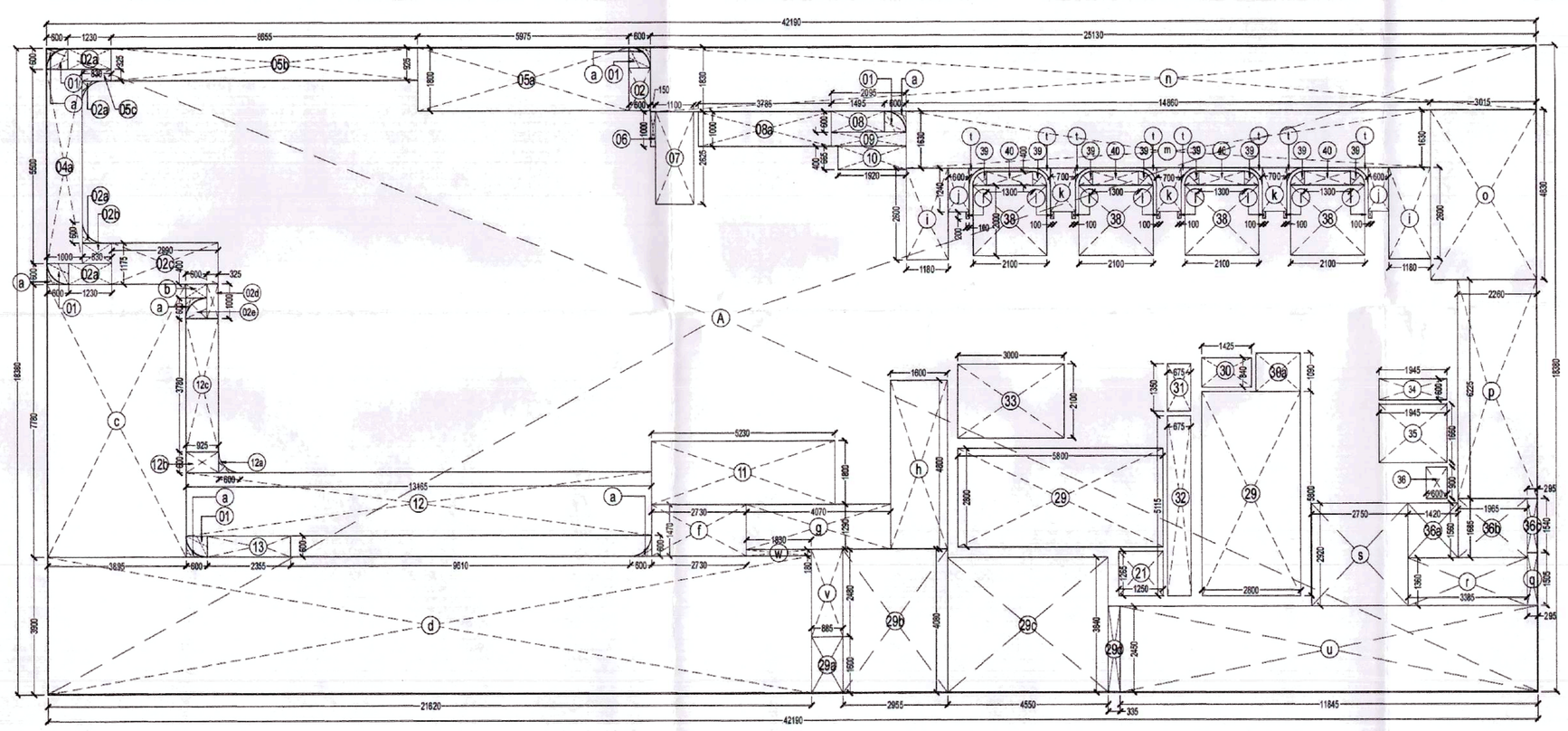
t	Square-Quadrant	0.500	-	-	3.14 x B X H	0.054	8	0.430
u	Rectangle	11.845	2.450	-	L X B	29.020	1	29.020
v	Rectangle	0.885	2.480	-	L X B	2.195	1	2.195
w	Rectangle	1.830	0.180	-	L X B	0.329	1	0.329
							2. TOTAL DEDUCTION	266.243
TOTAL B.U.A. ON 34th FLOOR OF TOWER				ADDITION (XX) - DEDUCTION (YY)				489.209 SQM.



02 34th FLOOR AREA DIAGRAM
Scale:1:100

GENERAL NOTES :

1. DRAWINGS IN PL & 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 SHAQFS WILL BE SEALED AT EVERY FLOOR LEVEL ASPER INSTALLING SERVICES.

NOTES :

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

PLUMBING LEGEND:-

1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	150 SOIL PIPE
4	150 WASTE PIPE
5a	100Ø WASTE PIPE FOR KITCHEN
6	75Ø VENT PIPE
7	200Ø RAIN WATER PIPE
8	150Ø RAIN WATER PIPE
9a	75Ø UTILITY BALCONY DRAIN PIPE
9b	75Ø BALCONY RAIN WATER PIPE
4	DOM. WATER SUPPLY LINE
5a	DOM. HYDRO. WATER SUPPLY PIPE TOP 4 FLOORS
6	FLU. WATER SUPPLY LINE
7	DOMESTIC WATER TANK FILLING RISER (FOR TOP TERRACE)
8	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	Colour/no Level	Location	Remarks
D	1000x2400	3Ø/2Ø/Ø	BASEMENT LIFT LOBBY	1-HOUR FIRE RATED
D01	1200x2700	3Ø/2Ø/Ø	UNIT ENTRANCE	1-HOUR FIRE RATED
D02	1000x2400	2Ø/2Ø/Ø	BEDROOM	Wooden flush door
D03	900x2400	2Ø/2Ø/Ø	STORE ROOM	Wooden flush door
D04	900x2400	3Ø/2Ø/Ø	S. ROOM / STUDY ROOM	Wooden flush door
D05	750x2400	3Ø/2Ø/Ø	TOILET	Wooden flush door
D06	750x2700	3Ø/2Ø/Ø	KITCHEN, STORE ROOM	UPVC
D07	650x2400	2Ø/2Ø/Ø	STORE TOILET	Wooden flush door
WD1	2700x2400	3Ø/2Ø/Ø	BEDROOM	OPENABLE UPVC
WD2	2400x2400	3Ø/2Ø/Ø	MASTER BEDROOM , BED ROOM	OPENABLE UPVC
V01	750x1200	10Ø/6Ø/Ø	TOILET	OPENABLE UPVC
V02	450x1200	12Ø/6Ø/Ø	STORE TOILET	OPENABLE UPVC
V03	600x1200	12Ø/6Ø/Ø	TOILET	OPENABLE UPVC
DW1	2400x2700	11Ø/2Ø/Ø	KITCHEN	OPENABLE UPVC
DW2	1800x2700	11Ø/2Ø/Ø	KITCHEN	OPENABLE UPVC
SD1	5700x2700	3Ø/2Ø/Ø	LIVING/DRAWING	SLIDING UPVC
SD2	1800x2700	3Ø/2Ø/Ø	BEDROOM	SLIDING UPVC
SD3	2400x2700	3Ø/2Ø/Ø	BEDROOM	SLIDING UPVC
SD4	3300x2700	3Ø/2Ø/Ø	MASTER BEDROOM	SLIDING UPVC
SD5	3900x2700	3Ø/2Ø/Ø	DRAWING	SLIDING UPVC
SD6	2900x2700	3Ø/2Ø/Ø	BEDROOM	SLIDING UPVC
SD7	6700x2700	3Ø/2Ø/Ø	DRAWING/DINING	SLIDING UPVC
LD1	1000x2700	3Ø/2Ø/Ø	LOBBY	ASTHENDOR
FD1	1200x2400	2Ø/2Ø/Ø	STAIRCASE	1-HOUR FIRE RATED
FD2	1100x2700	2Ø/2Ø/Ø	LIFT LOBBY	1-HOUR FIRE RATED
FD3	900x2400	2Ø/2Ø/Ø	ELECTRICAL ROOM	2-HOUR FIRE RATED
FD4	750x2200	4Ø/2Ø/Ø	LV SHAFT	2-HOUR FIRE RATED
FD5	900x1500	5Ø/2Ø/Ø	FHC	2-HOUR FIRE RATED
FD6	2900x2400	2Ø/2Ø/Ø	BASEMENT ELE SERVICE ROOMS	2-HOUR FIRE RATED
FD7	1200x2400	2Ø/2Ø/Ø	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

A. VIKKEY CPL No. 315 A&D Town Sec-14 CA-2017-9625

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

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

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

DRAWING TITLE:

34th FLOOR PLAN , AREA DIAGRAM & CALCULATIONS

SCALE	NORTH	SHEET NO.
AS SHOWN		16
DATE 24.07.2024		