SANCTIONED
VIDE MEMO No. 328895 DATED 5.12.2024

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

Suraj Bhan J.D.

Checked and found correct for (Internal) Service only subject to comments in in forwarding letter No. 2838-31 Dt 24/10/2024

Superintending Engineer O/o Chief Engineer HSVP Panchkula

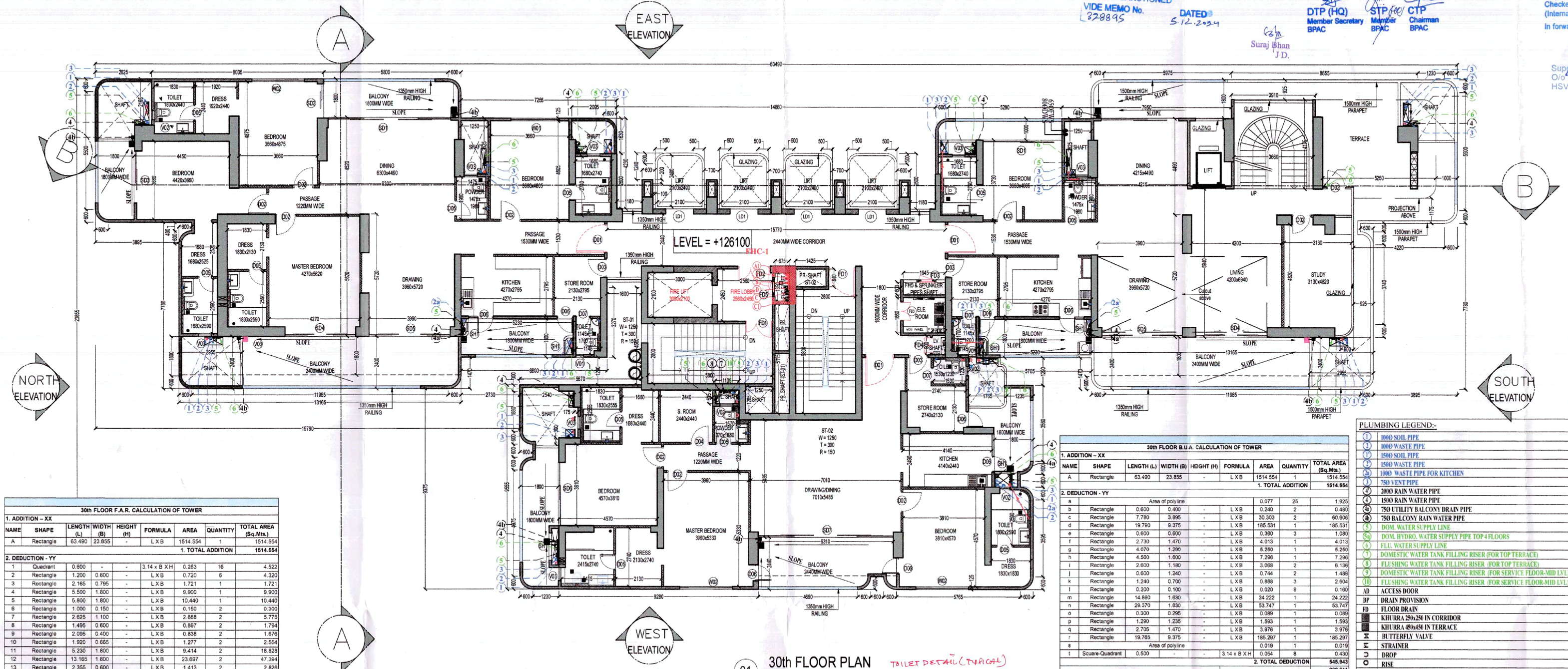
SUBMISSION DRAWINGS

GENERAL NOTES :

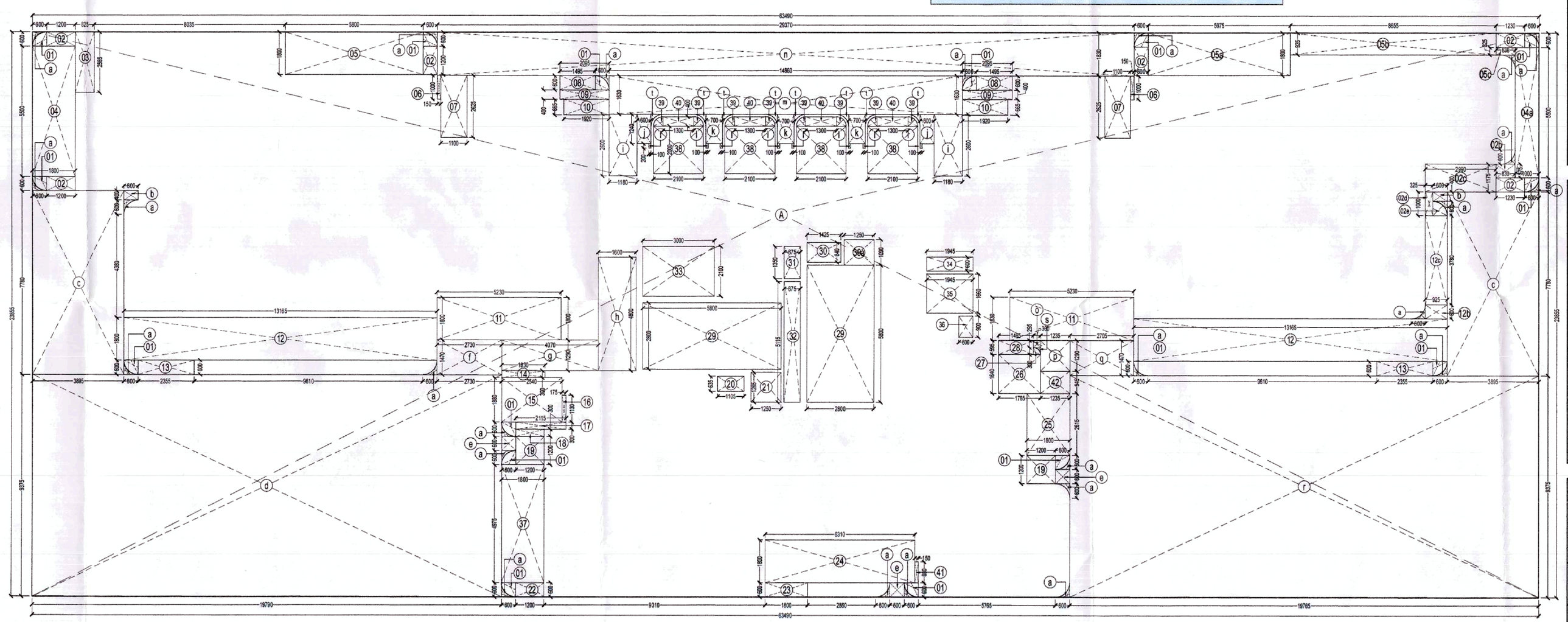
1. DRAWINGS IN PL & FF SERIES REPRESENTS PLUMBING AND FIRE SUPPRESSION SYSTEM.
2. IN CASE OF ANY DISCREPANCY IT SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT / PROJECT MANAGER / CONSULTANT.
3. DRAWING SHOULD NOT BE SCALED. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION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

NOTES :

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



01 30th FLOOR PLAN
Scale:1:100



02 30th FLOOR AREA DIAGRAM
Scale:1:100

30th FLOOR F.A.R. CALCULATION OF TOWER

NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
1. ADDITION – XX								
A	Rectangle	63.490	23.855	-	L X B	1514.554	1	1514.554
							1. TOTAL ADDITION	**1514.554**
2. DEDUCTION - YY								
1	Quadrant	0.600	-	-	3.14 x B X H	0.283	16	4.522
2	Rectangle	1.200	0.600	-	L X B	0.720	6	4.320
3	Rectangle	2.165	0.795	-	L X B	1.721	1	1.721
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	2	0.300
7	Rectangle	2.625	1.100	-	L X B	2.888	2	5.775
8	Rectangle	1.495	0.600	-	L X B	0.897	2	1.794
9	Rectangle	2.095	0.400	-	L X B	0.838	2	1.676
10	Rectangle	1.920	0.665	-	L X B	1.277	2	2.554
11	Rectangle	5.230	1.800	-	L X B	9.414	2	18.828
12	Rectangle	13.165	1.800	-	L X B	23.697	2	47.394
13	Rectangle	2.355	0.600	-	L X B	1.413	2	2.826
14	Rectangle	1.830	0.300	-	L X B	0.549	1	0.549
15	Rectangle	2.540	1.860	-	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
19	Rectangle	1.200	1.200	-	L X B	1.440	2	2.880
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
22	Rectangle	1.200	0.600	-	L X B	0.720	1	0.720
23	Rectangle	1.830	0.600	-	L X B	1.098	1	1.098
24	Rectangle	6.310	1.800	-	L X B	11.358	1	11.358
25	Rectangle	2.615	1.800	-	L X B	4.707	1	4.707
26	Rectangle	1.765	1.640	-	L X B	2.895	1	2.895
27	Quadrant	0.300	-	-	3.14 x B X H	0.071	1	0.071
28	Rectangle	1.465	0.595	-	L X B	0.872	1	0.872
29	Rectangle	5.990	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
37	Rectangle	1.800	4.975	-	L X B	8.955	1	8.955
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
41	Rectangle	0.880	0.150	-	L X B	0.132	1	0.132
42	Rectangle	1.235	0.945	-	L X B	1.167	1	1.167
a	Area of polyline					0.077	25	1.925
b	Rectangle	0.600	0.400	-	L X B	0.240	2	0.480
c	Rectangle	7.780	3.895	-	L X B	30.303	2	60.606
d	Rectangle	19.790	9.375	-	L X B	185.531	1	185.531
e	Rectangle	0.600	0.600	-	L X B	0.360	3	1.080
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	14.880	1.630	-	L X B	24.222	1	24.222
n	Rectangle	29.370	1.830	-	L X B	53.747	1	53.747
o	Rectangle	0.300	0.295	-	L X B	0.089	1	0.089
p	Rectangle	1.290	1.235	-	L X B	1.593	1	1.593
q	Rectangle	2.705	1.470	-	L X B	3.976	1	3.976
r	Rectangle	19.765	9.375	-	L X B	185.297	1	185.297
s	Area of polyline					0.019	1	0.019
t	Square-Quadrant	0.500	-	-	3.14 x B X H	0.054	8	0.430
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
4a	Rectangle	5.500	1.000	-	L X B	5.500	1	5.500
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	1.000	0.325	-	L X B	0.325	1	0.325
2e	Area of polyline					0.282	1	0.282
12b	Rectangle	0.925	0.600	-	L X B	0.555	1	0.555
12c	Rectangle	3.780	0.925	-	L X B	3.497	1	3.497
							2. TOTAL DEDUCTION	**805.733**
TOTAL F.A.R. ON 30th FLOOR OF TOWER					**ADDITION (XX) - DEDUCTION (YY)**			**708.821 SQM.**

30th FLOOR B.U.A. CALCULATION OF TOWER

NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
1. ADDITION – XX								
A	Rectangle	63.490	23.855	-	L X B	1514.554	1	1514.554
							1. TOTAL ADDITION	**1514.554**
2. DEDUCTION - YY								
a	Area of polyline					0.077	25	1.925
b	Rectangle	0.600	0.400	-	L X B	0.240	2	0.480
c	Rectangle	7.780	3.895	-	L X B	30.303	2	60.606
d	Rectangle	19.790	9.375	-	L X B	185.531	1	185.531
e	Rectangle	0.600	0.600	-	L X B	0.360	3	1.080
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	14.880	1.630	-	L X B	24.222	1	24.222
n	Rectangle	29.370	1.830	-	L X B	53.747	1	53.747
o	Rectangle	0.300	0.295	-	L X B	0.089	1	0.089
p	Rectangle	1.290	1.235	-	L X B	1.593	1	1.593
q	Rectangle	2.705	1.470	-	L X B	3.976	1	3.976
r	Rectangle	19.765	9.375	-	L X B	185.297	1	185.297
s	Area of polyline					0.019	1	0.019
t	Square-Quadrant	0.500	-	-	3.14 x B X H	0.054	8	0.430
							2. TOTAL DEDUCTION	**545.943**
TOTAL B.U.A. ON 30th FLOOR OF TOWER					**ADDITION (XX) - DEDUCTION (YY)**			**968.611 SQM.**

FIRE LEGEND: –

A.	100Ø HYDRANT PIPE FOR LOWER ZONE
A1.	100Ø HYDRANT PIPE FOR UPPER ZONE
B.	80Ø 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

PLUMBING LEGEND:-

1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	150Ø SOIL PIPE
4	150Ø WASTE PIPE
4a	100Ø WASTE PIPE FOR KITCHEN
5	75Ø VENT PIPE
6	200Ø RAIN WATER PIPE
6	150Ø RAIN WATER PIPE
6a	75Ø UTILITY BALCONY DRAIN PIPE
6b	75Ø BALCONY RAIN WATER PIPE
5	DOM. WATER SUPPLY LINE
5a	DOM. HYDRO. WATER SUPPLY PIPE TOP 4 FLOORS
5	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		Location	Remarks
D	1010x2400	00/0400	BASEMENT LIFT LOBBY	1 HOUR FIRE RATED
D01	1210x2700	00/0700	UNIT ENTRANCE	1 HOUR FIRE RATED
D02	1210x2400	00/0400	BEDROOM	Wooden flush door
D03	900x2400	00/0400	STORE ROOM	Wooden flush door
D04	900x2400	00/0400	S. ROOM / STUDY ROOM	Wooden flush door
D05	750x2400	00/0400	TOILET	Wooden flush door
D06	750x2100	00/0700	KITCHEN, STORE ROOM	UPVC
D07	650x2400	00/0400	STORE TOILET	Wooden flush door
W01	2250x2400	30/0730	BEDROOM	OPENABLE UPVC
W02	3450x2400	30/0730	MASTER BEDROOM, BED ROOM	OPENABLE UPVC
V01	550x1200	1200/2400	TOILET	OPENABLE UPVC
V02	450x1200	1800/2400	STORE TOILET	OPENABLE UPVC
V03	600x1200	1800/2400	TOILET	OPENABLE UPVC
DW1	2400x2700	1150/1700	KITCHEN	OPENABLE UPVC
DW2	1800x2700	1150/1700	KITCHEN	OPENABLE UPVC
SD1	5700x2730	30/0730	LIVING/DINING	SLIDING UPVC
SD2	1800x2700	30/0730	BEDROOM	SLIDING UPVC
SD3	2400x2730	30/0730	BEDROOM	SLIDING UPVC
SD4	3350x2730	30/0730	MASTER BEDROOM	SLIDING UPVC
SD5	3750x2730	30/0730	DRAWING	SLIDING UPVC
SD6	2800x2730	30/0730	BEDROOM	SLIDING UPVC
SD7	6300x2730	30/0730	DRAWING/DINING	SLIDING UPVC
U21	1010x2700	30/0730	LOBBY	AS / VENDOR
F01	1210x2400	00/0400	STAIRCASE	1 HOUR FIRE RATED
F02	1010x2700	30/0400	LIFT LOBBY	1 HOUR FIRE RATED
F03	900x2400	30/0400	ELECTRICAL ROOM	2 HOUR FIRE RATED
F04	750x2000	400/0400	DP SHAFT	2 HOUR FIRE RATED
F05	900x1800	1500/0400	FHC	2 HOUR FIRE RATED
F06	2000x2400	300/0400	BASEMENT ELE. SERVICE ROOMS	2 HOUR FIRE RATED
F07	1000x2400	300/0400	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

AJ VIKKY Sec-14, Gurugram CA-2017-62236

OWNER'S SIGNATURE

AHIR INFRASPACE PVT. LTD. AIPL 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) BPAC

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

CTP (Chairman) BPAC

DRAWING TITLE:

30th FLOOR PLAN , AREA DIAGRAM & CALCULATIONS

SCALE	NORTH	SHEET NO.
AS SHOWN		12
DATE 24.07.2024		