SANCTIONED
VIDE MEMO No. 328895 DATED 5.12.2024

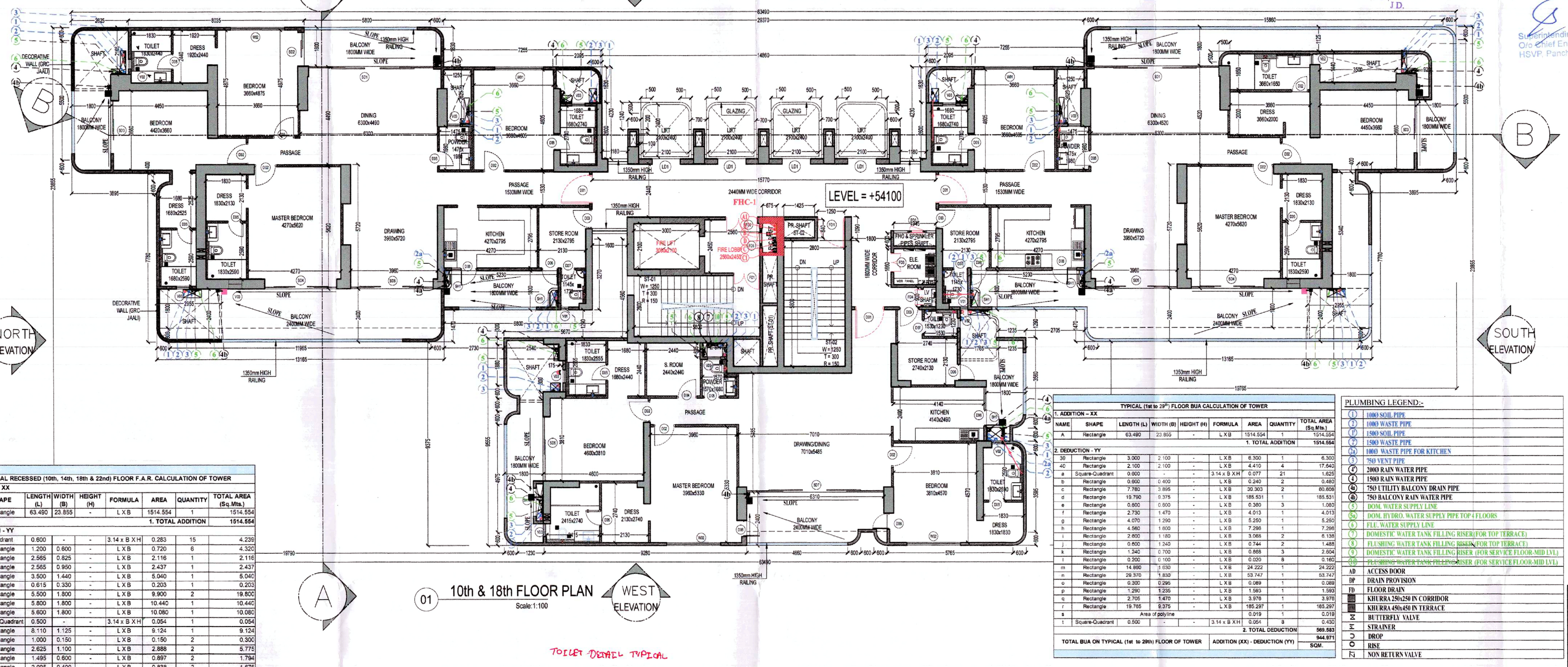
DTP (HQ) Member Secretary BPAC | STP Member BPAC | CTP Chairman BPAC

Suraj Bhan J.D.

Checked and found fire safety in Public Health (Internal) Service only. Subject to fire safety in forwarding letter No. 3821 dated 10/07/24

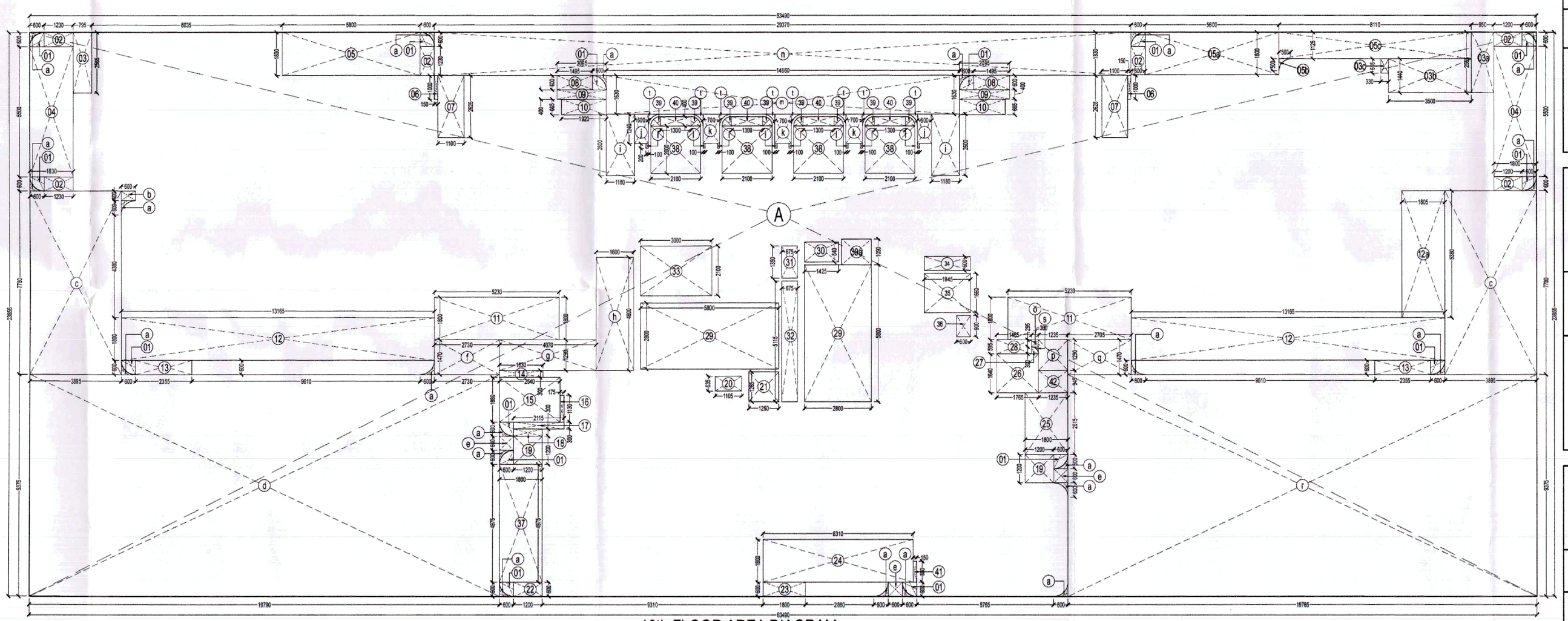
Superintending Engineer, O/o Chief Engineer, HSVP, Panchkula

SUBMISSION DRAWINGS



01 10th & 18th FLOOR PLAN
Scale:1:100

TOILET DETAIL TYPICAL



02 10th FLOOR AREA DIAGRAM
Scale:1:150

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 SHADPS WILL BE SEALED AT EVERY FLOOR LEVEL ADPER INSTALLING SERVICES.

NOTES :
WHERE VER DEFINED RESTAURANT/FOOD COURT PLANED PLEASE PROVIDE MIN. 450MM SUNK REQUIRED.

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

DOOR WINDOW SCHEDULE - TOWER

Type	Opening Size	Cill/Lintel Level	Location	Remarks
D	1500x2400	00/2400	BASEMENT LIFT LOBBY	1 HOUR FIRE RATED
D01	1050x2700	00/2700	UNIT ENTRANCE	1 HOUR FIRE RATED
D02	1050x2400	00/2400	BEDROOM	Wooden flush door
D03	900x2400	00/2400	STORE ROOM	Wooden flush door
D04	900x2400	00/2400	S. ROOM / STUDY ROOM	Wooden flush door
D05	750x2400	00/2400	TOILET	Wooden flush door
D06	750x2700	00/2700	KITCHEN, STORE ROOM	UPVC
D07	680x2400	00/2400	STORE TOILET	Wooden flush door
W01	2250x2400	300/2700	BEDROOM	OPENABLE UPVC
W02	3400x2400	300/2700	MASTER BEDROOM , BED ROOM	OPENABLE UPVC
V01	350x600	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	1500x2700	1100/2700	KITCHEN	OPENABLE UPVC
SC1	5700x2700	300/2700	LIVING/DINING	SLIDING UPVC
SC2	1500x2700	300/2700	BEDROOM	SLIDING UPVC
SC3	2400x2700	300/2700	BEDROOM	SLIDING UPVC
SC4	3300x2700	300/2700	MASTER BEDROOM	SLIDING UPVC
SC5	3700x2700	300/2700	DRAWING	SLIDING UPVC
SC6	2850x2700	300/2700	BEDROOM	SLIDING UPVC
SC7	5700x2700	300/2700	DRAWING/DINING	SLIDING UPVC
LD1	1500x2700	300/2700	LIBRY	SLIDING DOOR
F01	1250x2400	300/300	STAIRCASE	1 HOUR FIRE RATED
F02	1500x2700	300/300	LIFT LOBBY	1 HOUR FIRE RATED
F03	900x2400	300/300	ELECTRICAL ROOM	2 HOUR FIRE RATED
F04	750x2200	400/2400	LV SHAFT	2 HOUR FIRE RATED
F05	900x1800	600/2400	FHC	2 HOUR FIRE RATED
F06	2250x2400	300/300	BASEMENT/LIFT SERVICE ROOMS	2 HOUR FIRE RATED
F07	1250x2400	300/300	FIRE CONTROL ROOM	2 HOUR FIRE RATED

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

TYPICAL (1st to 29th) FLOOR BUA CALCULATION OF TOWER

1. ADDITION – XX							
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A	Rectangle	63.490	23.855	-	L X B	1514.554	1	1514.554
						1. TOTAL ADDITION		1514.554
2. DEDUCTION - YY								
39	Rectangle	3.000	2.100	-	L X B	6.300	1	6.300
40	Rectangle	2.100	2.100	-	L X B	4.410	4	17.640
a	Square-Quadrant	0.600	-	-	3.14 x B X H	0.077	21	1.625
b	Rectangle	0.600	0.400	-	L X B	0.240	2	0.480
c	Rectangle	7.760	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	4.560	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	14.890	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		569.583
TOTAL BUA ON TYPICAL (1st to 29th) FLOOR OF TOWER					ADDITION (XX) - DEDUCTION (YY)			944.971 SQM.

TYPICAL RECESSED (10th, 14th, 18th & 22nd) 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	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	15	4.239
2	Rectangle	1.200	0.600	-	L X B	0.720	6	4.320
3	Rectangle	2.565	0.825	-	L X B	2.116	1	2.116
3a	Rectangle	2.565	0.950	-	L X B	2.437	1	2.437
3b	Rectangle	3.500	1.440	-	L X B	5.040	1	5.040
3c	Rectangle	0.615	0.330	-	L X B	0.203	1	0.203
4	Rectangle	5.500	1.800	-	L X B	9.900	2	19.800
5	Rectangle	5.800	1.800	-	L X B	10.440	1	10.440
5a	Rectangle	5.600	1.800	-	L X B	10.080	1	10.080
5b	Square-Quadrant	0.500	-	-	3.14 x B X H	0.054	1	0.054
5c	Rectangle	8.110	1.125	-	L X B	9.124	1	9.124
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
12a	Rectangle	5.380	1.800	-	L X B	9.684	1	9.684
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	1.880	-	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
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	1.800	0.600	-	L X B	1.080	1	1.080
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	5.800	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
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	Square-Quadrant	0.600	-	-	3.14 x B X H	0.077	21	1.625
b	Rectangle	0.600	0.400	-	L X B	0.240	1	0.240
c	Rectangle	7.760	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
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m	Rectangle	14.890	1.630	-	L X B	24.222	1	24.222
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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		818.245
TOTAL F.A.R. ON TYPICAL (10th, 14th, 18th & 22nd) FLOOR OF TOWER					ADDITION (XX) - DEDUCTION (YY)			696.309 SQM.

PLUMBING LEGEND:-

1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	150Ø SOIL PIPE
4	150Ø WASTE PIPE
5	100Ø WASTE PIPE FOR KITCHEN
6	75Ø VENT PIPE
F	200Ø RAIN WATER PIPE
8	150Ø RAIN WATER PIPE
9	75Ø UTILITY BALCONY DRAIN PIPE
10	75Ø BALCONY RAIN WATER PIPE
11	DOM. WATER SUPPLY LINE
12	DOM. HYDRO. WATER SUPPLY PIPE TOP 4 FLOORS
13	FLU. WATER SUPPLY LINE
14	DOMESTIC WATER TANK FILLING RISER(FOR TOP TERRACE)
15	FLUSHING WATER TANK FILLING RISER(FOR TOP TERRACE)
16	DOMESTIC WATER TANK FILLING RISER (FOR SERVICE FLOOR-MID LVL)
17	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
M	BUTTERFLY VALVE
	STRAINER
	DROP
	RISE
	NON RETURN VALVE

PRINCIPAL ARCHITECT:

DESIGN FORUM INTERNATIONAL

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

ARCHITECT'S SIGNATURE

OWNER'S SIGNATURE

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

BPAC

DRAWING TITLE:
10th & 18th FLOOR PLAN, AREA DIAGRAM & CALCULATIONS

SCALE	NORTH	SHEET NO.
AS SHOWN		09A
DATE 24.07.2024		