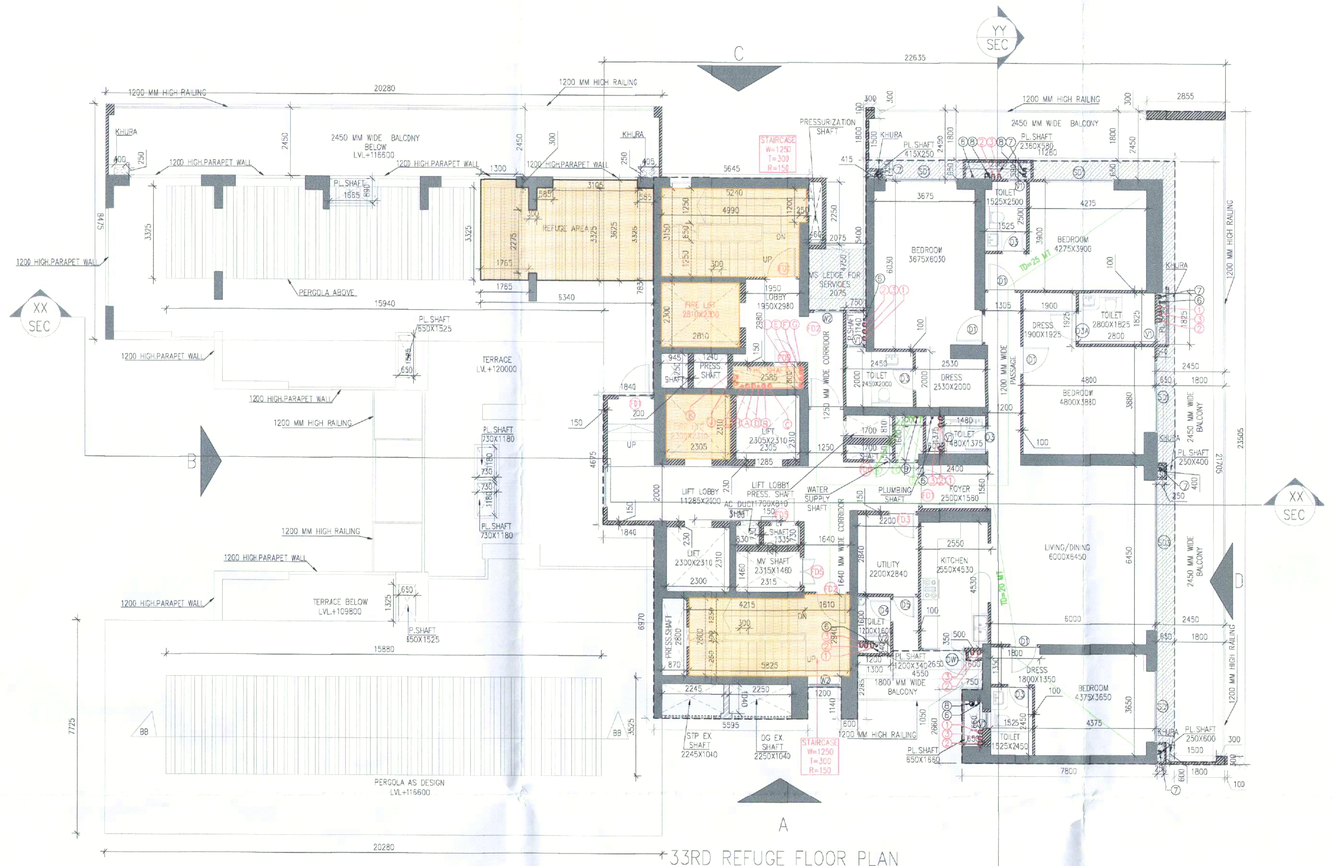
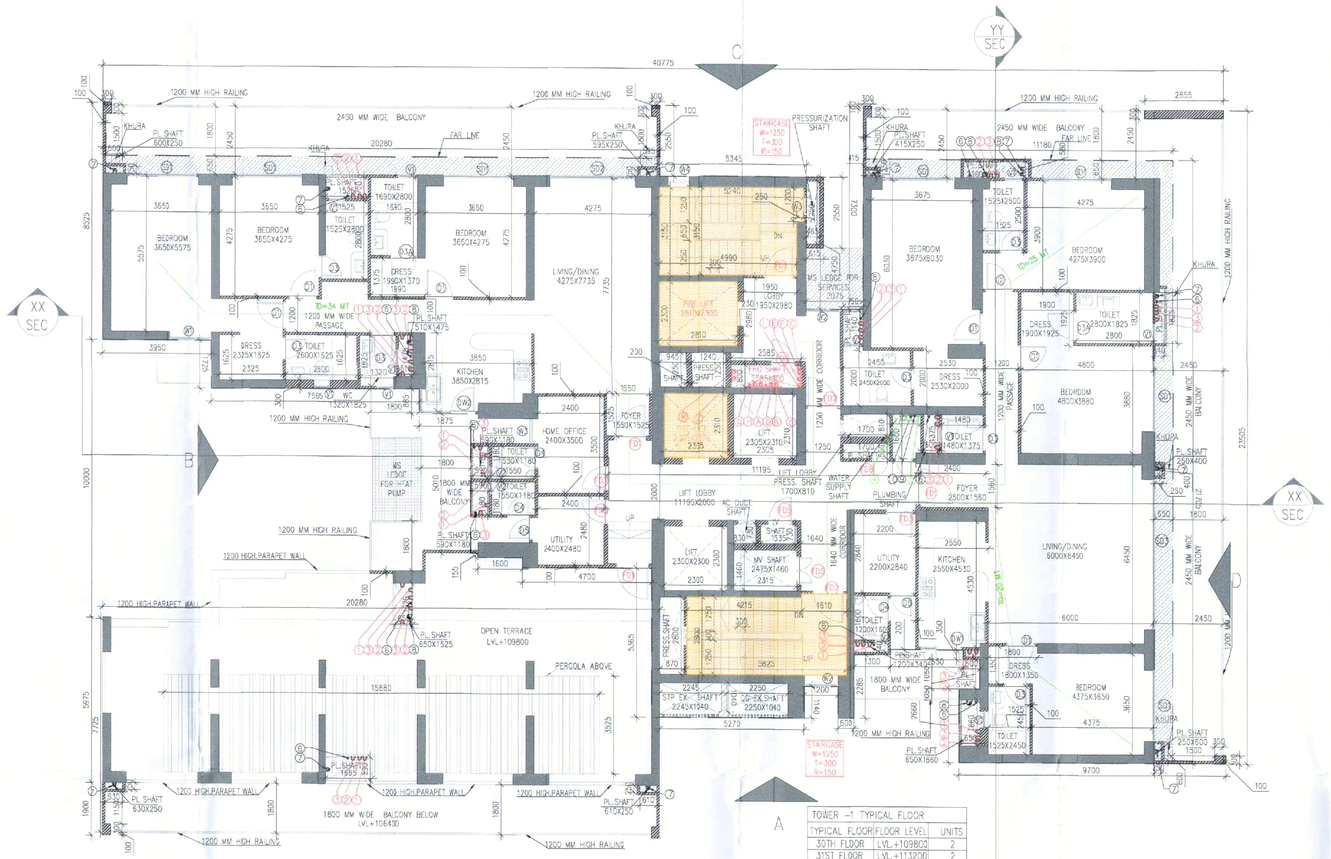


33RD REFUGE FLOOR PLAN
TOWER-1
LVL+120000



30TH TO 32ND FLOOR PLAN
TOWER-1

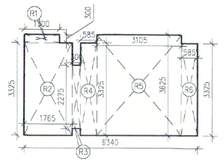
TOWER -1 TYPICAL FLOOR		
TYPICAL FLOOR	FLOOR LEVEL	UNITS
30TH FLOOR	LVL.+109800	2
31ST FLOOR	LVL.+113200	2
32TH FLOOR	LVL.+116600	2
TOTAL UNITS =		6

PLUMBING LEGEND:-		
S.NO	DESCRIPTION	SYMBOL
1.	110 OD VERTICAL SOIL PIPE	①
2.	110 OD VERTICAL WASTE PIPE	②
3.	110 OD ANTISPHONIC PIPE	③
4.	DOMESTIC WATER SUPPLY DOWN TAKE PIPE	④
5.	DOMESTIC WATER SUPPLY PIPE (BOOSTED)	⑤
6.	FLUSHING WATER SUPPLY DOWN TAKE PIPE	⑥
7.	90 OD BALCONY DRAIN PIPE	⑦
8.	160 OD RAIN WATER PIPE	⑧
9.	DOMESTIC WATER SUPPLY RISER PIPE	⑨
10.	FLUSHING WATER SUPPLY RISER PIPE	⑩
11.	FLOOR TRAP	FT●
12.	FLOOR DRAIN	FD●
13.	ACCESS DOOR	AD
14.	KHURRA FOR BALCONY DRAIN	

NOTES :-

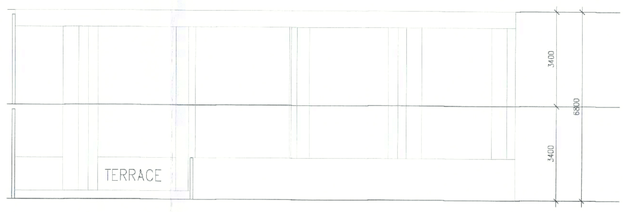
- **VRV System is being provided.**
- **Full DG power back up is being provided.**
- **Toilets are mechanical ventilated.**
- **All lifts shall have 100% power back-up.**
- **All electrical installations shall be as per provision of NBC.**
- **Fire-fighting/safety provisions will be as per relevant NBC provisions.**
- **Basement area shall have mechanically ventilated as per relevant code.**
- **All toilets are ventilated as per Haryana Building Code 2017.**
- **Building has automatic sprinkler system wherever required by NBC.**
- **Building will be designed (structures) as per relevant I.S. codes for earthquake resistance.**
- **Solar panels of required capacity shall be provided on roof top as per harela/zoning norms.**
- **All handicap ramps with railing.**
- **All fire fighting installations shall be as per provision of NBC.**
- **The rainwater harvesting system shall be provided as per central ground water authority norms.**

33TH FLOOR REFUGE AREA TOWER-1									
GROSS – A									
R1	=	1	X	1.300	X	0.300	=	0.390	SQM
R2	=	1	X	1.765	X	3.325	=	5.869	SQM
R3	=	1	X	0.300	X	2.275	=	0.683	SQM
R4	=	1	X	0.585	X	3.325	=	1.946	SQM
R5	=	1	X	3.105	X	3.925	=	11.256	SQM
R6	=	1	X	0.585	X	3.325	=	1.945	SQM
						TOTAL	=	22.087	SQM
GROSS AREA OF 33TH FLOOR			=	481.751	SQM				
GROSS AREA OF 33TH FLOOR			=	341.670					
			=	523.421	SQM				
REFUGE AREA REQUIRED			=	(523.42/133.3)/12.5		=	ADDITIONAL SPACE TO ACCOMMODATE WHEEL CHAIR SPACE @0.9 SQM PER 200 POPULATION		
			=	19.752		=	0.9		
			=	20.952	SQM				
REFUGE AREA PROVIDED			=	GROSS – A					
			=	22.087	SQM				

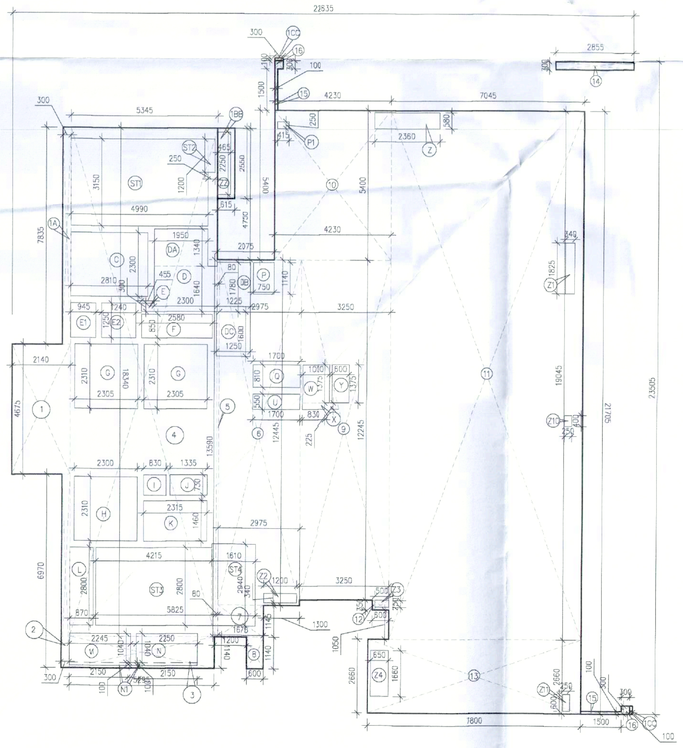


33RD FLOOR REFUGE AREA CALCULATION

DOOR WINDOW SCHEDULE					
NO.	SIZE (mm)	SILL LEVEL (mm)	LINTEL LEVEL (mm)	LOCATION	
FD1	1200 X 2400	00	2400	UNIT ENTRANCE	2HR
FD2	1100 X 2400	00	2400	STAIRCASE/ FIRE TOWER	2HR
FD3	1000 X 2400	00	2400	HOME OFFICE/ STUDY/ S.ROOM	2HR
FD4	1000 X 2300	100	2400	MV SHAFT	2HR
FD5	900 X 2300	100	2400	LV SHAFT	2HR
FD6	600 X 2300	100	2400	PLUMBING/ AC DUCT SHAFT	2HR
D1	1000 X 2400	00	2400	BEDROOMS, KITCHEN	
D2	900 X 2400	00	2400	HOME OFFICE/ STUDY/ S.ROOM	
D3	800 X 2400	00	2400	TOILETS	
D3A	1000 X 2400	00	2400	ELDERLY FRIENDLY TOILETS	
D4	800 X 2400	00	2400	TOILETS OF HOME OFFICE/ STUDY/ S.ROOM	
D5	800 X 2400	00	2400	HOME OFFICE/ STUDY/ S.ROOM	
DW1	(900 X 2300)+(600X1300)	00	2500	KITCHEN	
DW2	(900 X 2300)+(2025X1300)	00	2500	KITCHEN	
WINDOW SCHEDULE					
SD1	2550 X 2500	00	2500	BEDROOM 1, BEDROOM 2, J. M.BEDROOM, M.BEDROOM	
SD2	3100 X 2500	00	2500	LIVING ROOM	
SD3	5400 X 2500	00	2500	LIVING DINING ROOM	
W1	1500 X 1450	1050	2500	MASTER BEDROOM	
W2	1200 X 2050	450	2500	TOWER-1 STAIRCASE	
W3	1000 X 2050	450	2500	LIFT LOBBY	
W4	750 X 2050	450	2500	TOWER-1 STAIRCASE	
VENTILATOR SCHEDULE					
V1	600 X 2050	450	2500	TOILETS & POWER ROOM	
V2	450 X 2050	450	2500	TOILET OF HOME OFFICE/ STUDY/ S.ROOM	

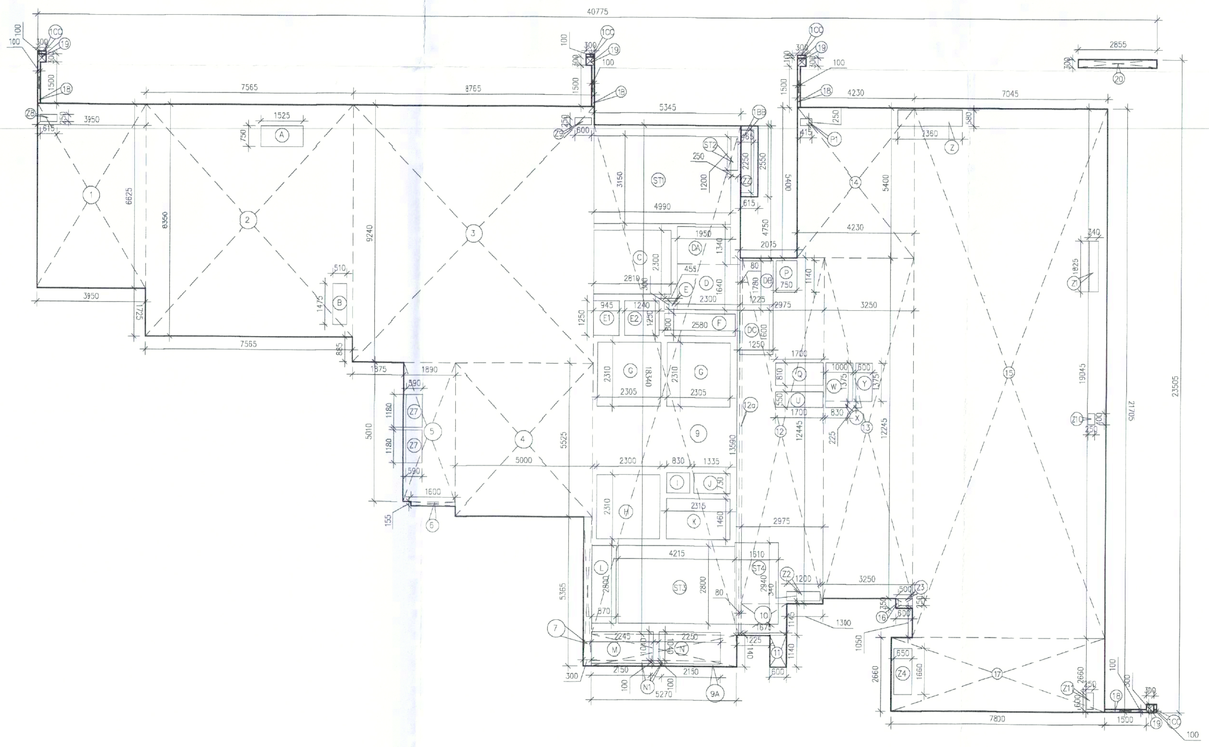


PERGOLA
SECTION-BB



33RD FLOOR AREA
CALCULATION
TOWER-1

FAR AREA CALCULATION OF 33RD FLOOR PLAN (TOWER-1)									
GROSS – 1									
1	=	1	X	2.140	X	4.675	=	10.005	SQM
1A	=	1	X	0.300	X	7.835	=	2.351	SQM
1CC	=	2	X	0.300	X	0.100	=	0.060	SQM
1BB	=	1	X	0.815	X	2.550	=	1.558	SQM
2	=	1	X	0.300	X	6.970	=	2.091	SQM
3	=	1	X	5.295	X	1.140	=	6.036	SQM
4	=	1	X	5.346	X	18.340	=	98.018	SQM
5	=	1	X	0.580	X	13.590	=	7.882	SQM
6	=	1	X	2.975	X	12.445	=	37.024	SQM
7	=	1	X	1.675	X	1.145	=	1.918	SQM
8	=	1	X	0.600	X	1.140	=	0.684	SQM
9	=	1	X	3.050	X	12.245	=	38.796	SQM
10	=	1	X	4.230	X	5.400	=	22.842	SQM
11	=	1	X	7.045	X	19.045	=	134.172	SQM
12	=	1	X	0.600	X	0.350	=	0.210	SQM
13	=	1	X	7.800	X	2.660	=	20.748	SQM
14	=	1	X	2.850	X	0.300	=	0.857	SQM
15	=	2	X	1.900	X	0.100	=	0.300	SQM
16	=	2	X	0.300	X	0.300	=	0.180	SQM
TOTAL AREA							=	379.946	SQM
GROSS -2				DEDUCTION AREA					
C	=	1	X	2.810	X	2.300	=	6.463	SQM
D	=	1	X	2.300	X	1.640	=	3.772	SQM
DA	=	1	X	1.950	X	1.340	=	2.613	SQM
DB	=	1	X	1.760	X	1.225	=	2.181	SQM
DC	=	1	X	1.250	X	1.600	=	2.000	SQM
E	=	1	X	0.455	X	0.300	=	0.137	SQM
E1	=	1	X	0.945	X	1.250	=	1.181	SQM
E2	=	1	X	1.240	X	1.250	=	1.550	SQM
F	=	1	X	2.580	X	0.850	=	2.193	SQM
G	=	2	X	2.305	X	2.310	=	10.649	SQM
H	=	1	X	2.300	X	2.310	=	5.313	SQM
I	=	1	X	0.830	X	0.730	=	0.606	SQM
J	=	1	X	1.335	X	0.730	=	0.975	SQM
K	=	1	X	2.315	X	1.460	=	3.380	SQM
L	=	1	X	0.870	X	2.800	=	2.436	SQM
M	=	1	X	1.940	X	1.140	=	2.211	SQM
N	=	1	X	2.380	X	1.140	=	2.679	SQM
N1	=	2	X	0.100	X	1.040	=	0.208	SQM
P	=	1	X	0.700	X	1.140	=	0.798	SQM
P1	=	1	X	0.415	X	0.250	=	0.104	SQM
Q	=	1	X	1.700	X	0.810	=	1.377	SQM
U	=	1	X	1.700	X	0.550	=	0.935	SQM
V1	=	1	X	1.000	X	1.375	=	1.375	SQM
X	=	1	X	0.225	X	0.830	=	0.187	SQM
Y	=	1	X	0.600	X	1.375	=	0.825	SQM
Z	=	1	X	2.360	X	0.560	=	1.322	SQM
Z1	=	1	X	0.465	X	2.250	=	1.046	SQM
Z2	=	1	X	0.340	X	1.825	=	0.621	SQM
Z3	=	1	X	1.200	X	0.340	=	0.408	SQM
Z4	=	1	X	0.500	X	0.250	=	0.125	SQM
Z5	=	1	X	0.650	X	1.660	=	1.079	SQM
Z10	=	1	X	0.250	X	0.400	=	0.100	SQM
Z11	=	1	X	0.250	X	0.600	=	0.150	SQM
TOTAL AREA							=	61.107	SQM
GROSS -3 (STAIRCASE DEDUCTION AREA)									
ST1	=	1	X	4.990	X	3.150	=	15.719	SQM
ST2	=	1	X	0.250	X	1.200	=	0.300	SQM
ST3	=	1	X	4.215	X	2.800	=	11.802	SQM
ST4	=	1	X	1.610	X	2.940	=	4.733	SQM
TOTAL AREA							=	32.554	SQM
FAR AREA OF 33RD FLOOR	GROSS – 1			-	GROSS –2		-	GROSS –3	
	379.946			-	61.107		-	32.554	
	286.285			SQM					
BUILT-UP AREA OF 33RD FLOOR	FAR AREA			+	GROSS –3				
	286.285			+	32.554				
	318.839			SQM					



30th TO 32ND FLOOR AREA
CALCULATION
TOWER-1

FAR AREA CALCULATION OF 30TH TO 32ND FLOOR PLAN (TOWER-1)									
GROSS – 1									
1	=	1	X	3.958	X	6.625	=	26.169	SQM
1CC	=	4	X	0.300	X	0.100	=	0.120	SQM
1BB	=	1	X	0.815	X	2.550	=	1.558	SQM
2	=	1	X	7.915	X	8.350	=	66.251	SQM
3	=	1	X	8.765	X	9.240	=	80.989	SQM
4	=	1	X	5.009	X	5.525	=	27.675	SQM
5	=	1	X	1.659	X	5.010	=	8.469	SQM
6	=	1	X	1.600	X	0.150	=	0.240	SQM
7	=	1	X	0.303	X	5.365	=	1.610	SQM
9	=	1	X	5.345	X	18.340	=	98.027	SQM
9A	=	1	X	5.275	X	1.140	=	6.009	SQM
10	=	1	X	1.675	X	1.145	=	1.918	SQM
11	=	1	X	0.603	X	1.140	=	0.684	SQM
12	=	1	X	2.975	X	12.455	=	37.054	SQM
12a	=	1	X	0.083	X	13.590	=	1.087	SQM
13	=	1	X	3.250	X	12.245	=	39.796	SQM
14	=	1	X	4.230	X	5.400	=	22.842	SQM
15	=	1	X	7.045	X	19.045	=	134.172	SQM
16	=	1	X	0.600	X	0.350	=	0.210	SQM
17	=	1	X	7.800	X	2.660	=	20.748	SQM
18	=	4	X	1.500	X	0.100	=	0.600	SQM
19	=	4	X	0.300	X	0.300	=	0.360	SQM
20	=	1	X	2.858	X	0.300	=	0.857	SQM
TOTAL AREA							=	575.411	SQM
GROSS -2				DEDUCTION AREA					
A	=	1	X	1.525	X	0.750	=	1.144	SQM
B	=	1	X	0.516	X	1.475	=	0.752	SQM
C	=	1	X	2.810	X	2.300	=	6.463	SQM
D	=	1	X	2.300	X	1.640	=	3.772	SQM
DA	=	1	X	1.950	X	1.340	=	2.613	SQM
DB	=	1	X	1.225	X	1.780	=	2.181	SQM
DC	=	1	X	1.250	X	1.600	=	2.000	SQM
E	=	1	X	0.455	X	0.300	=	0.137	SQM
E1	=	1	X	0.945	X	1.250	=	1.181	SQM
E2	=	1	X	1.240	X	1.250	=	1.550	SQM
F	=	1	X	2.580	X	0.800	=	2.064	SQM
G	=	2	X	2.305	X	2.310	=	10.649	SQM
H	=	1	X	2.300	X	2.310	=	5.313	SQM
I	=	1	X	0.830	X	0.730	=	0.606	SQM
J	=	1	X	1.335	X	0.730	=	0.975	SQM
K	=	1	X	2.315	X	1.460	=	3.380	SQM
L	=	1	X	0.870	X	2.800	=	2.436	SQM
M	=	1	X	1.940	X	1.140	=	2.211	SQM
N	=	1	X	2.259	X	1.040	=	2.349	SQM
N1	=	2	X	0.100	X	1.040	=	0.432	SQM
P	=	1	X	0.793	X	1.140	=	0.855	SQM
P1	=	1	X	0.415	X	0.250	=	0.104	SQM
Q	=	1	X	1.705	X	0.810	=	1.377	SQM
U	=	1	X	1.700	X	0.550	=	0.935	SQM
W	=	1	X	1.000	X	1.375	=	1.375	SQM
X	=	1	X	0.225	X	0.830	=	0.187	SQM
Y	=	1	X	0.600	X	1.375	=	0.825	SQM
Z	=	1	X	2.360	X	0.560	=	1.322	SQM
Z2	=	1	X	0.465	X	2.250	=	1.046	SQM
Z1	=	1	X	0.340	X	1.825	=	0.621	SQM
Z2	=	1	X	1.200	X	0.340	=	0.408	SQM
Z3	=	1	X	0.500	X	0.250	=	0.125	SQM
Z4	=	1	X	0.650	X	1.660	=	1.079	SQM
Z7	=	2	X	0.296	X	1.180	=	1.392	SQM
Z8	=	1	X	0.611	X	0.230	=	0.154	SQM
Z9	=	1	X	0.600	X	0.250	=	0.150	SQM
Z10	=	1	X	0.258	X	0.400	=	0.100	SQM
Z11	=	1	X	0.258	X	0.600	=	0.150	SQM
TOTAL AREA							=	64.571	SQM
GROSS -3 (STAIRCASE DEDUCTION AREA)									
ST1	=	1	X	4.990	X	3.150	=	15.719	SQM
ST2	=	1	X	0.258	X	1.200	=	0.300	SQM
ST3	=	1	X	4.215	X	2.800	=	11.802	SQM
ST4	=	1	X	1.610	X	2.940	=	4.733	SQM
TOTAL AREA							=	32.554	SQM
FAR AREA OF 30TH TO 32ND FLOOR PLAN	GROSS – 1			-	GROSS –2		-	GROSS –3	
	575.411			-	64.571		-	32.554	
	478.286			SQM					
BUILT-UP AREA OF 30TH TO 32ND FLOOR	FAR AREA			+	GROSS –3				
	478.286			+	32.554				
	510.840			SQM					

PROJECT:

PROPOSED BUILDING PLAN OF G.H. SITE NO.100 IN SECTOR-54(GURUGRAM)

ASSOCIATE ARCHITECT

SANCTIONED
VIDE MEMO No. 23/0799 DATED 2-1-2024

DTP (H) | STP (H) (MEMBER BPAC) | DTP (HQ) Member Secretary BPAC | STP Member BPAC | CTP Chairman BPAC | JD (H)

GG ASSOCIATES

Suraj Bhan
J.D.

PLOT NO-408 SEC-37C GURGAON(PH-9560794794)

OWNER'S SEAL & SIGNATURE

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 221854 Dt. 14/08/2023

ARCHITECT'S SEAL & SIGNATURE

Superintending Engineer(HQ)
O/o Chief Engineer-I/II,
HSVP, Panchkula.

Ar. Ravinder Kumar
CA/2012/55971

DDT (T)
MEMBER
BPAC

JULY.-2024 | Scale : 1:100

Drawing Title:- 30TH TO 32ND &33RD FLOOR PLAN & AREA DIAGRAM

Drawing No:- T-15

TOWER-01