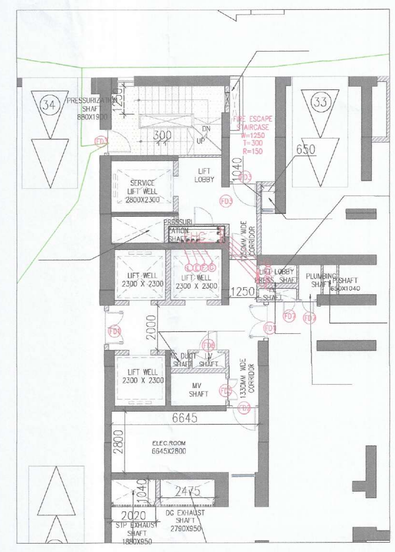
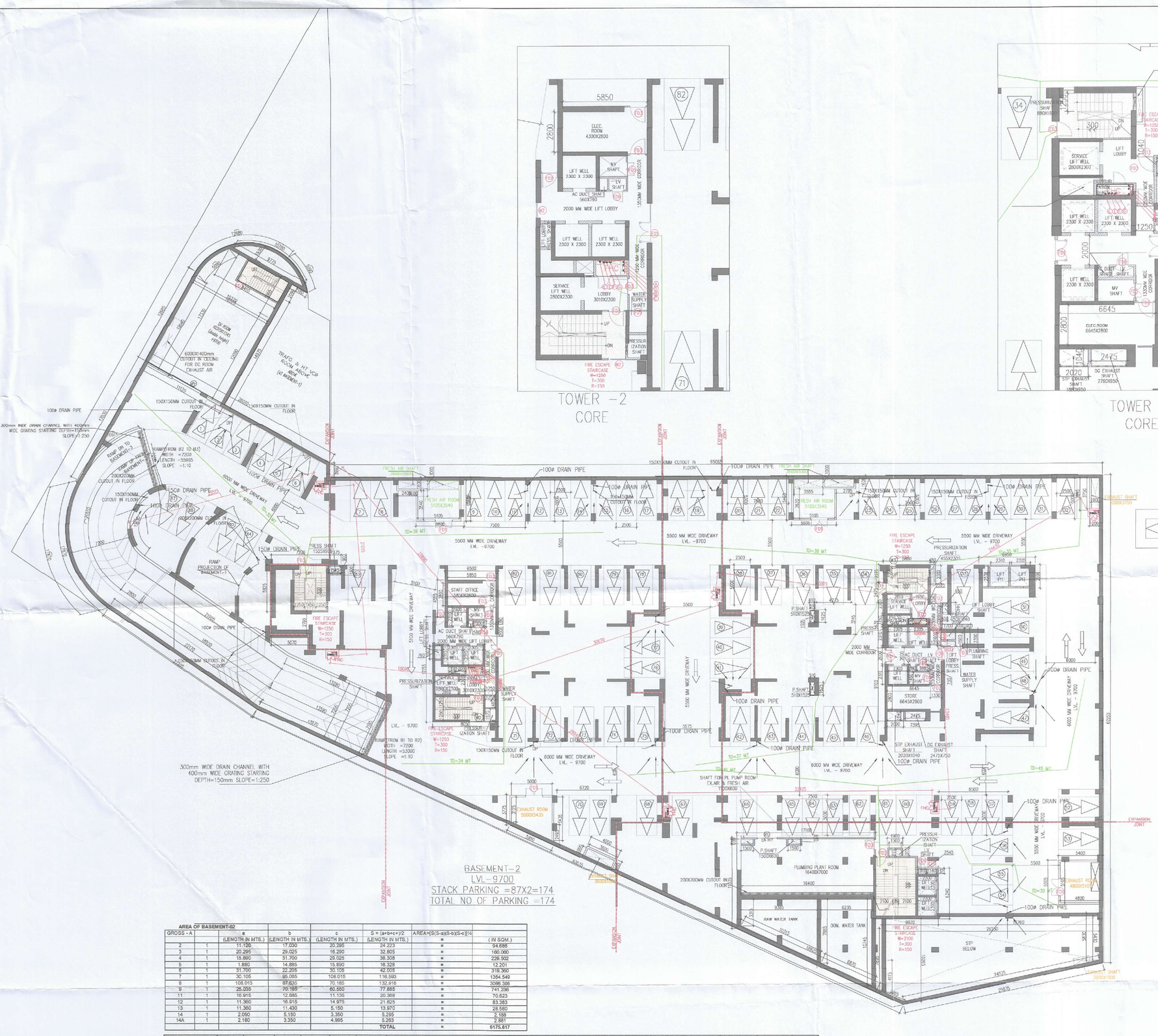
SANCTIONED
VIDE MEMO No. 2235999 DATED 30/08/2024

DTP (HQ) Member Secretary BPAC | STP Member BPAC | CTP Chairman BPAC | JD (H) | DTP (H) | STP (H) (MEMBER B.P.A.C.)

Suraj Bhan J.D.





STACK PARKING (87 NOS.)

DOOR WINDOW SCHEDULE				2HR
NO.	SIZE (mm)	SILL LEVEL (mm)	LINTEL LEVEL (mm)	2HR
FD1	1500 X 2400	00	2400	2HR
FD2	1200 X 2400	00	2400	2HR
FD3	1100 X 2400	00	2400	2HR
FD4	1000 X 2400	00	2400	2HR
FD5	1000 X 2300	100	2400	2HR
FD6	900 X 2300	100	2400	2HR
FD7	600 X 2300	100	2400	2HR
D1	1000 X 2400	00	2400	
D2	900 X 2400	00	2400	
D3	800 X 2400	00	2400	
D3A	1000 X 2400	00	2400	
D4	800 X 2400	00	2400	
D5	800 X 2400	00	2400	
DW1	(900 X 2500)+(600X1303)	00	2500	
DW2	(900 X 2500)+(2025X1303)	00	2500	
WINDOW SCHEDULE				
SD1	2550 X 2500	2500		
SD2	3100 X 2530	2500		
SD3	5400 X 2500	2500		
W1	1500 X 1450	2500		
W2	1200 X 2050	2500		
W3	1000 X 2050	2500		
W4	750 X 2050	2500		
VENTILATOR SCHEDULE				
V1	600 X 2050	2500		
V2	450 X 2050	2500		

NOTE: ALL FIRE DOOR SHALL BE 2 HOUR FIRE RATED.

AREA OF BASEMENT-02						
GROSS - A		a	b	c	S = (a+b+c+)/2	AREA=[S(S-a)(S-b)(S-c)]½
		(LENGTH IN MTS.)	(LENGTH IN MTS.)	(LENGTH IN MTS.)	(LENGTH IN MTS.)	= (IN SQM.)
2	1	11.120	17.030	20.295	24.223	= 94.888
3	1	20.295	29.025	16.290	32.805	= 160.090
4	1	15.890	31.700	29.025	38.308	= 226.502
5	1	1.880	14.885	15.690	16.328	= 12.201
6	1	31.700	22.205	30.105	42.005	= 318.360
7	1	30.105	95.065	108.015	116.593	= 1364.549
8	1	108.015	87.635	70.185	132.918	= 3066.306
9	1	26.035	70.185	60.660	77.885	= 741.296
11	1	16.915	12.685	11.135	20.368	= 70.623
12	1	11.360	16.915	14.975	21.625	= 83.383
13	1	11.360	11.430	5.150	13.970	= 28.560
14	1	2.090	5.150	3.350	5.295	= 2.188
14A	1	2.180	3.350	4.995	5.263	= 2.881
				TOTAL		= 6175.617

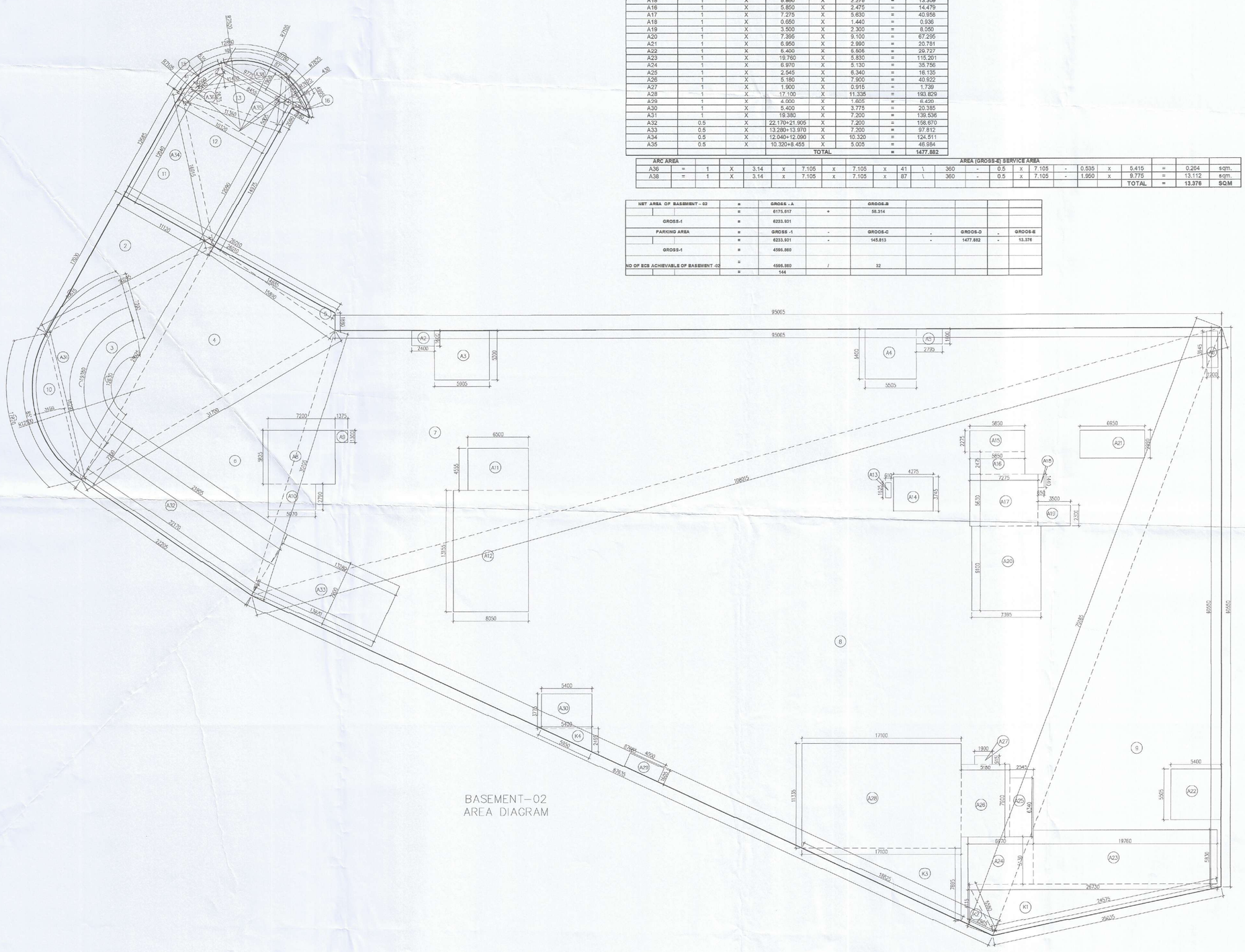
ARC AREA																						AREA (GROSS-B)	
10	=	1	X	3.14	x	12.100	x	12.100	x	85	\	360	-	0.5	x	12.100	-	3.150	x	16.290	=	35.649	sqm.
15	=	1	X	3.14	x	7.500	x	7.500	x	101	\	360	-	0.5	x	7.500	-	2.635	x	11.430	=	21.750	sqm.
16	=	1	X	3.14	x	7.675	x	7.675	x	37	\	360	-	0.5	x	7.675	-	0.430	x	4.995	=	0.916	sqm.
																				TOTAL	=	58.314	SQM

BASEMENT-02 DEDUCTION AREA (GROSS-C)						
GROSS-C		a	b	c	S = (a+b+c+)/2	AREA=[S(S-a)(S-b)(S-c)]½
		(LENGTH IN MTS.)	(LENGTH IN MTS.)	(LENGTH IN MTS.)	(LENGTH IN MTS.)	= (IN SQM.)
K1	1	26.730	24.575	5.580	28.443	= 65.626
K2	1	2.985	5.580	4.115	6.330	= 5.949
K3	1	17.100	7.895	18.825	21.910	= 67.502
K4	1	5.400	2.495	5.950	6.923	= 6.736
				TOTAL		= 145.813

SERVICE AREA (GROSS-D)							
A2	1	X	2.400	X	1.600	=	3.840
A3	1	X	5.905	X	5.300	=	31.297
A4	1	X	5.505	X	5.400	=	29.727
A5	1	X	2.795	X	1.600	=	4.472
A6	1	X	1.200	X	3.945	=	4.734
A8	1	X	7.200	X	5.825	=	41.940
A9	1	X	1.375	X	1.300	=	1.788
A10	1	X	5.070	X	2.790	=	14.145
A11	1	X	6.500	X	4.555	=	29.608
A12	1	X	8.050	X	13.155	=	105.868
A13	1	X	0.610	X	1.625	=	0.991
A14	1	X	4.275	X	3.745	=	16.010
A15	1	X	6.850	X	2.275	=	13.309
A16	1	X	5.850	X	2.475	=	14.479
A17	1	X	7.275	X	5.630	=	40.958
A18	1	X	0.650	X	1.440	=	0.936
A19	1	X	3.500	X	2.300	=	8.050
A20	1	X	7.395	X	9.100	=	67.295
A21	1	X	6.850	X	2.980	=	20.761
A22	1	X	5.400	X	5.505	=	29.727
A23	1	X	19.760	X	5.830	=	115.201
A24	1	X	6.970	X	5.130	=	35.756
A25	1	X	2.545	X	6.340	=	16.135
A26	1	X	5.180	X	7.900	=	40.922
A27	1	X	1.900	X	0.915	=	1.739
A28	1	X	17.100	X	11.335	=	193.829
A29	1	X	4.000	X	1.605	=	6.420
A30	1	X	5.400	X	3.775	=	20.385
A31	1	X	19.380	X	7.200	=	139.536
A32	0.5	X	22.170+21.905	X	7.200	=	158.670
A33	0.5	X	13.280+13.970	X	7.200	=	97.812
A34	0.5	X	12.040+12.090	X	10.320	=	124.511
A35	0.5	X	10.320+8.455	X	5.005	=	46.984
				TOTAL		=	1477.882

ARC AREA																						AREA (GROSS-E) SERVICE AREA	
A36	=	1	X	3.14	x	7.105	x	7.105	x	41	\	360	-	0.5	x	7.105	-	0.535	x	5.415	=	0.264	sqm.
A38	=	1	X	3.14	x	7.105	x	7.105	x	87	\	360	-	0.5	x	7.105	-	1.950	x	9.775	=	13.112	sqm.
																				TOTAL	=	13.376	SQM

NET AREA OF BASEMENT - 02	=	GROSS - A		GROSS-B				
	=	6175.617	+	58.314				
GROSS-1	=	6233.931						
PARKING AREA	=	GROSS -1	-	GROSS-C	-	GROSS-D	-	GROSS-E
	=	6233.931	-	145.813	-	1477.882	-	13.376
GROSS-1	=	4596.860						
NO OF ECS ACHIEVABLE OF BASEMENT -02	=	4596.860	/	32				
	=	144						



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 hareda/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.

Note :-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
3. POWER BACKUP/ MECHANICAL VENTILATED SHAFTS.

PROJECT:

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

ASSOCIATE ARCHITECTS

GG ASSOCIATES

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

OWNER'S SEAL & SIGNATURE

For Wonder City Buildcon Ltd.

Authorized Signatory

Checked and found ok for Public Health (Internal) Service only subject to comments in Awarding letter No. 221899 Dt. 12/08/2024

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

ARCHITECT'S SEAL & SIGNATURE

Ar. Ravinder Kumar
CA/2012/55971

MARCH.-2024	Scale : 1:200	
Drawing Title:- BASEMENT-02 FLOOR PLAN & AREA DIAGRAM	DDTP(T) MEMBER BPAC	Drawing No:- BS-02

BASEMENT-2