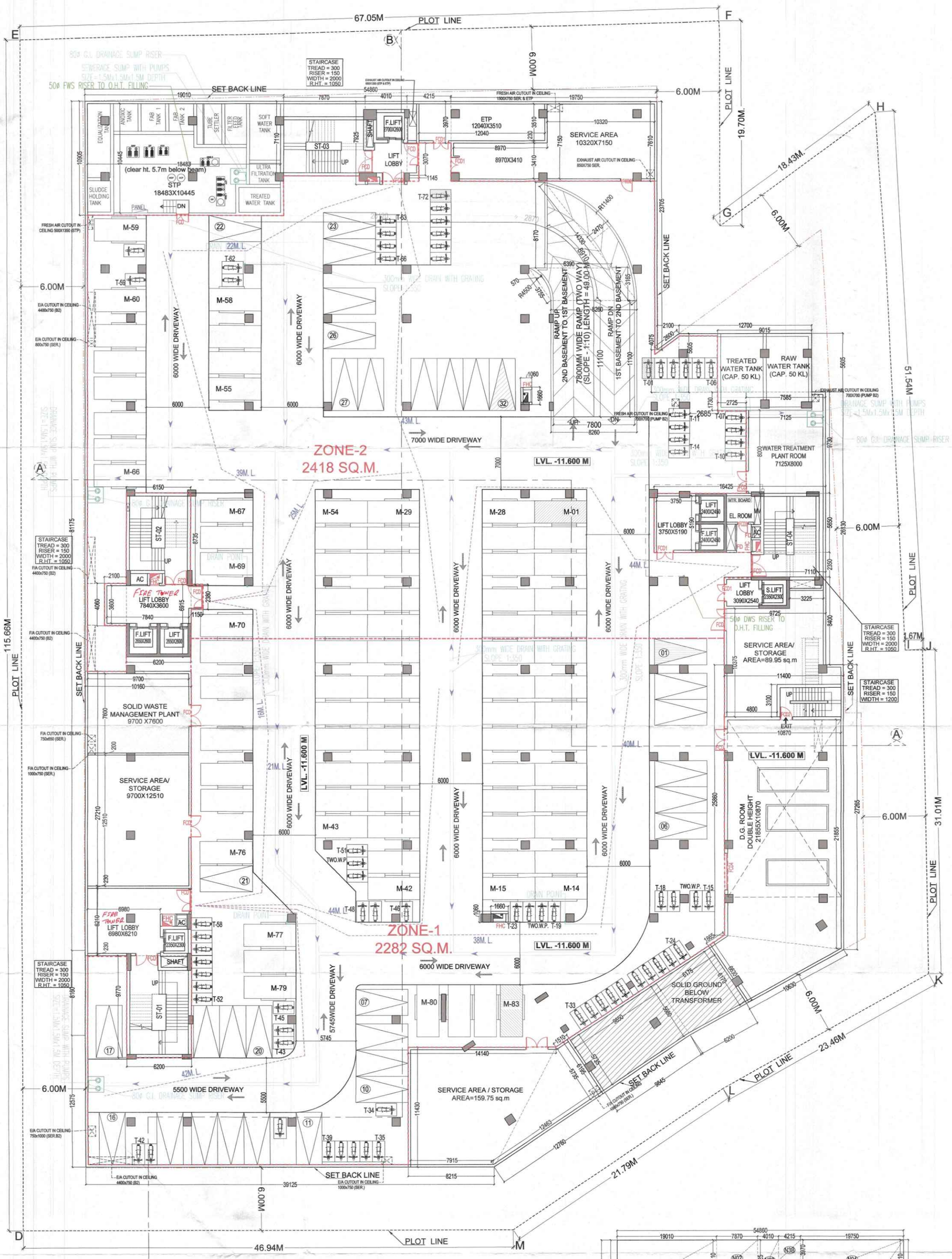
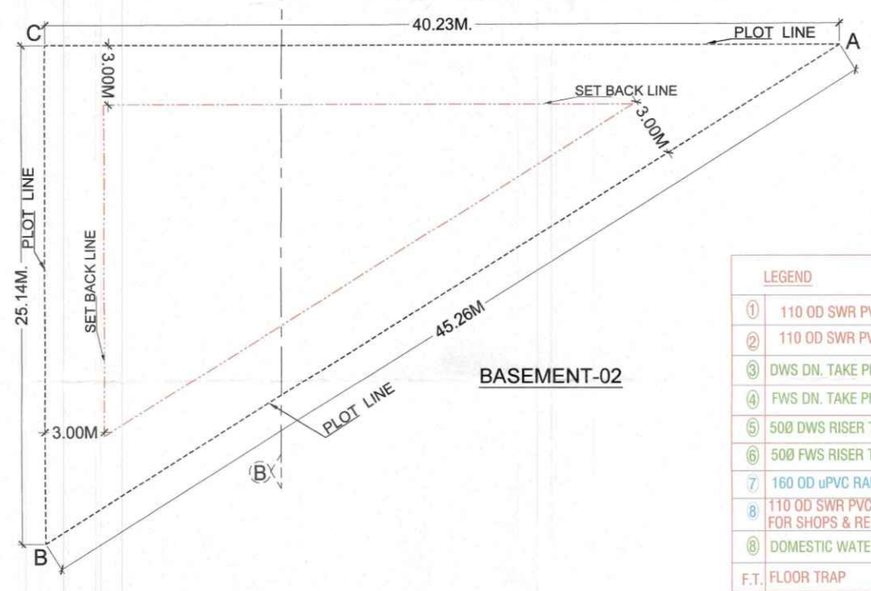
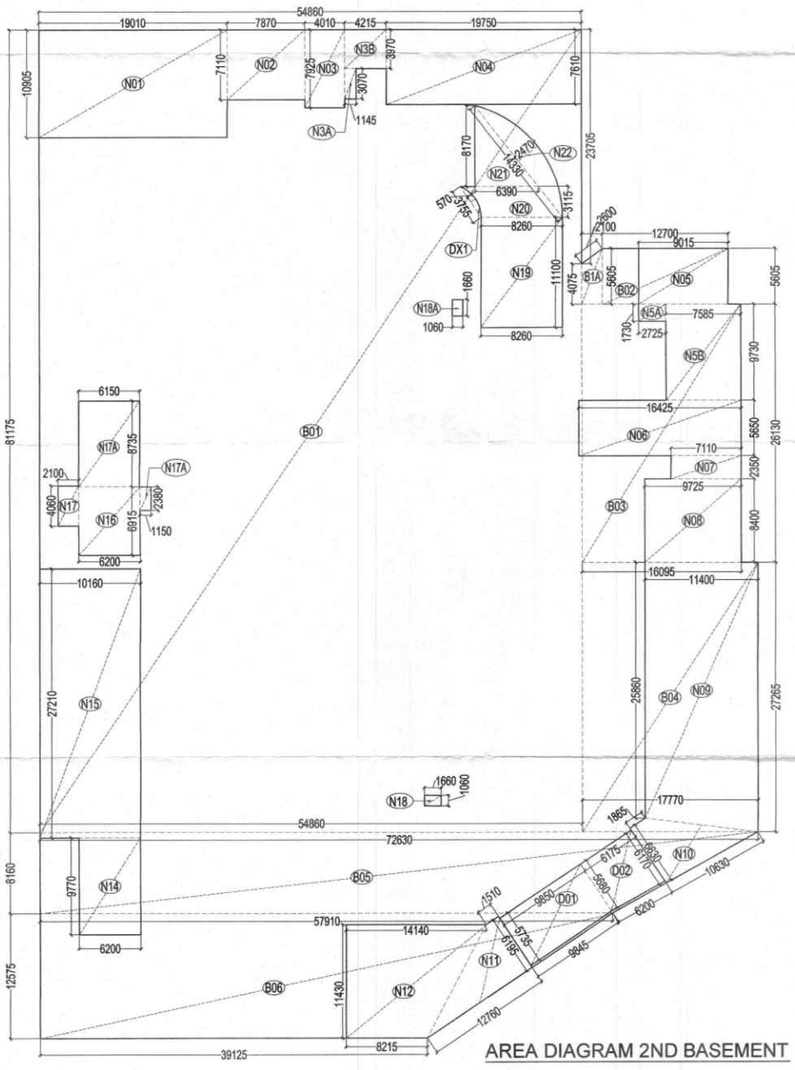


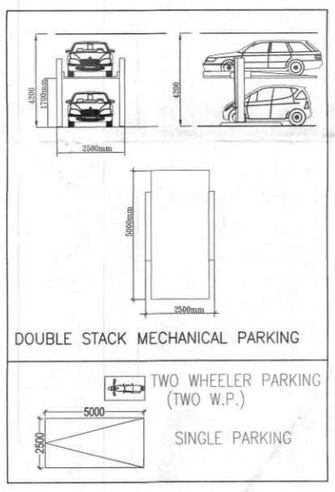


LEGEND	
1	110 OD SWR PVC SOIL & VENT PIPE
2	110 OD SWR PVC WASTE & VENT PIPE
3	DWS DN. TAKE PIPE
4	FWS DN. TAKE PIPE
5	50Ø DWS RISER TO O.H.T. FILLING TANK
6	50Ø FWS RISER TO O.H.T. FILLING TANK
7	160 OD uPVC RAIN WATER PIPE
8	110 OD SWR PVC WASTE & VENT PIPE FOR SHOPS & RESTAURANT
8	DOMESTIC WATER SUPPLY FOR HYDROPNUMATIC
F.T.	FLOOR TRAP
U.T.	URINAL TRAP
F.D.	FLOOR DRAIN
COP	CLEAN OUT PLUG

Exit Calculation For 2nd. Basement Floor							
Total Gross area					6489.574		SQM.
Floors		Average occupant load as per NBC	No. of occupant	As per NBC (@ 10mm/ Person)	Exit Required (MM)	STAIR CASE NO	EXIT Provided (MM)
Parking & Services	6489.574	30	216.32	10	2163.19	ST-01	2000
						ST-02	2000
						ST-03	2000
						ST-04	2000
		TOTAL	216		2163		8000



2nd. BASEMENT FLOOR AREA CALCULATION						
COVD. AREA AT 2nd. BASEMENT = ADDITION - DEDUCTION						
Sr No	Dim (m)	X	Dim (m)	Fec.	Nos	Area (SQM)
ADDITION AREA						
B01	54.860	X	81.175	1.00	1	4453.261
B1A	(5.605+4.075) / 2 X 2.100				1	10.164
B02	12.700	X	5.605	1.00	1	71.184
B03	16.095	X	26.130	1.00	1	420.562
B04	17.770	X	27.265	1.00	1	484.499
B05	(57.910+ 72.630) / 2 X 8.160				1	532.603
B06	(57.910 + 39.125) / 2 X 12.575				1	610.108
TOTAL ADDITION AREA (A)						6582.380
DEDUCTION AREA						
D01	(5.735 + 5.680) / 2 X 9.850				1	56.219
D02	(6.170 + 5.680) / 2 X 6.175				1	36.587
TOTAL DEDUCTION AREA (B)						92.806
TOTAL COVD. AREA AT 2nd. BASEMENT (C) = (A - B)						6489.574
SERVICES AREA AT 2nd. BASEMENT= ADDITION - DEDUCTION						
ADDITION AREA						
N01	19.010	X	10.905	1.00	1	207.304
N02	7.870	X	7.110	1.00	1	55.956
N03	4.010	X	7.925	1.00	1	31.779
N3A	1.145	X	3.070	1.00	1	3.515
N3B	4.215	X	3.970	1.00	1	16.734
N04	19.750	X	7.610	1.00	1	150.298
N05	9.015	X	5.605	1.00	1	50.529
N5A	2.725	X	1.730	1.00	1	4.714
N5B	7.585	X	9.730	1.00	1	73.802
N06	16.425	X	5.650	1.00	1	92.801
N07	7.110	X	2.350	1.00	1	16.709
N08	9.725	X	8.400	1.00	1	81.690
N09	(25.860 + 27.265) / 2 X 11.400				1	302.813
N10	(10.630+ 1.865) / 2 X 6.630				1	41.421
N11	(12.760 + 1.510) / 2 X6.195				1	44.201
N12	(8.215 + 14.140) / 2 X 11.430				1	127.759
N14	6.200	X	9.770	1.00	1	60.574
N15	10.160	X	27.210	1.00	1	276.454
N16	6.200	X	6.915	1.00	1	42.873
N17	2.100	X	4.060	1.00	1	8.526
N17A	6.150	X	8.735	1.00	1	53.720
N17B	1.150	X	2.380	1.00	1	2.737
N18	1.660	X	1.060	1.00	1	1.760
N18A	1.060	X	1.660	1.00	1	1.760
N19	8.260	X	11.100	1.00	1	91.686
N20	(8.260 +6.390) / 2 X 3.115				1	22.817
N21	6.390	X	8.170	0.50	1	26.103
N22	14.330	X	2.470	0.67	1	23.597
TOTAL ADDITION AREA (X)						1914.630
DEDUCTION AREA						
DX1	3.755	X	0.570	0.67	1	1.427
TOTAL DEDUCTION AREA (Y)						1.427
TOTAL SERVICES AREA (D) = (X-Y)						1913.203
TOTAL PARKING AREA AT 2nd. BASEMENT =(C-D)=E						4576.371
SINGLE CAR AREA @ 32 BAYS (32 x 12.5 = 400) = F						400.000
BALANCE PARKING AREA AT 2nd. BASEMENT=(E-F)=G						4176.371
ECS PARKING AVAILABLE (SINGLE PARKING) FOR 2ND BASEMENT=(400/32) =(1)						12 ECS
ECS PARKING AVAILABLE FOR (DOUBLE STACK) 2ND BASEMENT=(4176.371/ 20) = (2)						209 ECS
TOTAL ECS PARKING AVAILABLE FOR 2ND BASEMENT= (1+2)						221 ECS
PARKING BAYS PROVIDED AT 2nd BASEMENT = SINGLE CAR = 32 BAYS , DOUBLE STACK = (83X2)= 166 BAYS, TWO WHEELER = 72 BAYS						270 BAYS



SCHEDULE OF -OPENINGS					
TYPE	WIDTH	HEIGHT	SILL HT	LINTEL	FIRE RATED
D	2000	2100	-	2100	
D1	1500	2100	-	2100	
D2	1200	2100	-	2100	
D3	900	2100	-	2100	
D4	750	2100	-	2100	
FCD	2000	2100	-	2100	2 Hr.
FCD1	1500	2100	-	2100	2 Hr.
FCD2	1200	2100	-	2100	2 Hr.
FCD3	900	2100	-	2100	2 Hr.
FCD4	3500	3000	-	3000	2 Hr.
FCD5	1800	2100	-	2100	2 Hr.
G/D	3425	2700	-	2700	
GL	AS/PLAN	2400	-	2400	
W1	AS/PLAN	2400	-	600	

NOTES:-

THIS DEVELOPMENT HAS BEEN CONCEIVED, DESIGNED AND DRAFTED ON THE BASIS OF THE FOLLOWING:-

1. ALL USEABLE OFFICE SPACES/RETAIL SPACES (LIKE SHOP AREAS, ENTERTAINMENT) WILL BE AIR-CONDITIONED. THEREFORE,NO PROVISION HAS BEEN MADE FOR NATURAL VENTILATION OF SPACES.
2. ALL TOILETS/KITCHENS WILL BE MECHANICALLY VENTILATED.CONDITIONED AIR FROM THE FLOOR WILL BE SUCKED IN TO THE TOILETS/KITCHENS AND VENTED OUT THROUGH A VENT SHAFT.
3. ALL SPACES (OFFICE SPACES,RETAIL SPACES,SERVICE AREAS, PARKING BASEMENT,ETC) WILL BE ARTIFICIALLY LIT. ANY NATURAL LIGHT WHICH IS AVAILABLE IN THE OFFICE SPACES IS ONLY INCIDENTAL AND NOT ESSENTIAL TO THE FUNCTIONING OF THE BUILDING.
4. 100% STANDBY GENERATING CAPACITY WILL BE PROVIDED FOR THE ENTIRE ELECTRICAL REQUIREMENT OF THE TOTAL SCHEME. THIS THEREFORE INCLUDE STANDBY GENERATION FOR ALL COMMON SERVICES, FIRE SERVICES, LIFTS ETC. AND ALSO THE ENTIRE ELECTRICAL LOAD FOR VENTILATION,AIR-CONDITIONING, LIGHTS AND ALL OFFICE EQUIPMENT.
5. BASEMENT WILL BE VENTILATED.
6. THIS BUILDING WILL BE SPRINKLED AS PER NBC NORMS.
7. HANDICAP RAMP WITH RAILING

For Receptive Buildwell LLP
Authorised Signatory

OWNER'S SIGN

GIAN P. MATHUR
ARCHITECT
B. Arch., M.C.A. I.I.A
CA No. 80/5769

ARCHITECT'S SIGN

PROJECT:-
PROPOSED BUILDING PLAN OF COMMERCIAL COLONY AREA MEASURING 2.36875 ACRES (LICENCE NO. 48 DATED 18-04-2022) IN SECTOR-89, GURUGRAM BEING DEVELOPEDBY RECEPTIVE BUILDWELL LLP.

TITLE:- 2ND BASEMENT PLAN

DRG.NO.:- SB-02

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DEALT R.S. | CHKD A.S. | SCALE:- 1:200 | DATE:- 30/08/2024

02

S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | C.T.P.(HQ) Chairman B.P.A.C.

DTP (HQ) | ATP(HQ)

AD | PA | ATP

AT | ATP

Ram Avtar Bassi
JD(HQ)

Checked and found ok for Public Health (Technical) Section only subject to comments in inspection letter No. 289576 8.8.24

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.:
DATED :

Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

ETP (HQ) Member BPAC