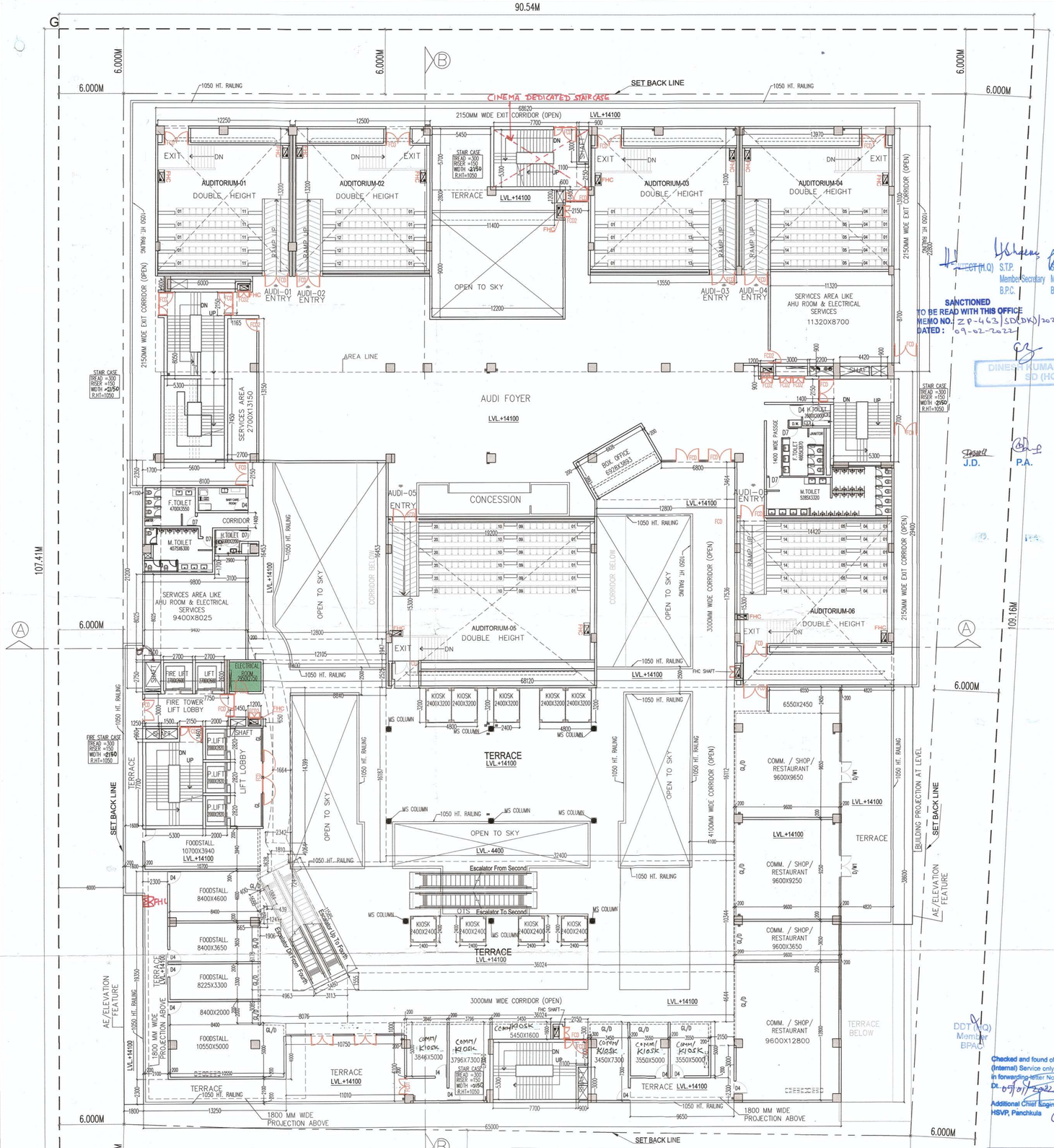
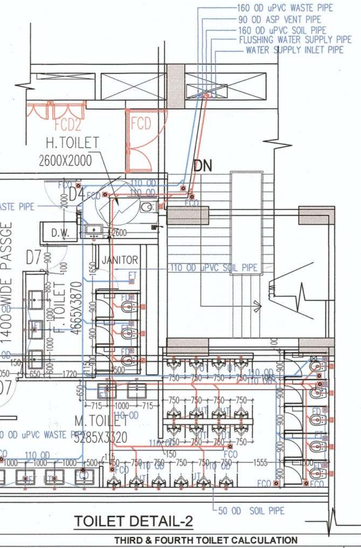


THIRD FLOOR PLAN



TOILET DETAIL-2

SCHEDULE OF OPENINGS				
TYPE	WIDTH	HEIGHT	SILL HT.	LINTEL
W1	4500	1950	750	2700
W2	7000	1950	750	2700
W3	1500	1800	900	2700
W4	900	1800	900	2700
V1	1000	600	2100	2700
GL	G L A Z I N G			
GL/D	2000	2700	–	2700
DW1	3295	2700	900	2700
D1	2000	2100	–	2100
D2	1800	2100	–	2400
D3	1500	2100	–	2100
D4	1200	2100	–	2100
D5	900	2100	–	2100
D6	750	2100	–	2100
D7	1050	2100	–	2100
FCD	2000	2100	–	2100
FCD1	1500	2100	–	2100
FCD2	1200	2100	–	2100
FCD3	3000	3000	–	3000
FCD4	2700	3000	–	2100
FCD5	900	2100	–	2100

N O T E S

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 INCLUDES 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 ARTIFICIALLY VENTILATED.
6. THIS BUILDING WILL BE SPRINKLED AS PER NBC NORMS.
7. HANDICAP RAMP WITH RAILING
8. THIS BUILDING IS MECHANICALLY VENTILATED & FULLY AIR-CONDITIONED.

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO. ZP-463/SD(DK)/2022/3450
DATED : 09-02-2022

DDT(HQ) S.T.P. B.P.C. | S.T.P. B.P.C. | S.T.P. B.P.C.

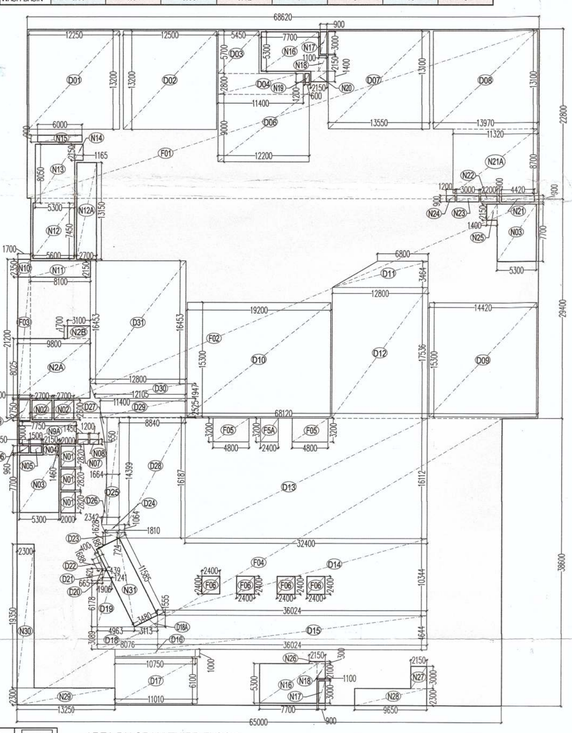
DINESH KUMAR SD (HQ)

J.D. P.A. A.T.P.

DDT (HQ) Member BPAC

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. ACE(HQ) 2106
Dt. 07/01/2022
Additional Chief Engineer(HQ) HSVP, Panchkula

THIRD & FOURTH TOILET CALCULATION								
TOTAL FAR AREA AT THIRD & FOURTH FLOOR (AUDI LVL)							4373.478	SQMT
DENESITY AT THIRD & FOURTH FLOOR						1457.826	1457.826	POPULATION
NO.	PERMANENT POPULATION		FLOATING POPULATION		TOTAL REQUIRED		TOTAL PROVIDED	
	10%	145.78	90%	1312.04				
	MALE (2/3)	FEMALE (1/3)	MALE (2/3)	FEMALE (1/3)	MALE	FEMALE	MALE	FEMALE
POPULATION	97	49	875	437	–	–	–	–
W.C.	3.89	3.24	3.50	2.73	7	6	9	7
URINAL	3.24	–	17.49	–	21	–	23	–
WASH BASIN	3.89	1.94	3.50	3.12	7	5	10	6



FAR AREA

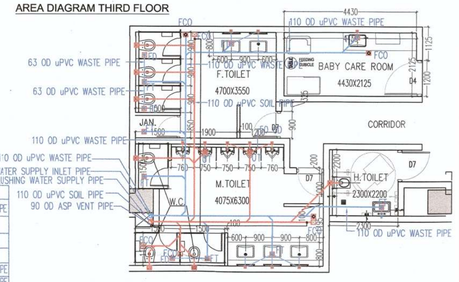
AREA DIAGRAM THIRD FLOOR

THIRD FLOOR AREA CALCULATION						
TOTAL COVD. AREA AT THIRD FLOOR= ADDITION AREA - DEDUCTION AREA						
ADDITION AREA						
Sr No	Dim (m)	X	Dim (m)	Fec.	Nos	Area (SQM)
F01	68.620	X	22.800	1.00	1	1564.536
F02	68.120	X	29.400	1.00	1	2002.728
F03	1.700	X	21.200	1.00	1	36.040
F04	65.000	X	38.600	1.00	1	2509.000
F05	4.800	X	3.200	1.00	2	30.720
F5A	2.400	X	3.200	1.00	1	7.680
F06	2.400	X	2.400	1.00	4	23.040
TOTAL ADDITION AREA (A)						6173.744
DEDUCTION AREA						
D01	12.250	X	13.200	1.00	1	161.700
D02	12.500	X	13.200	1.00	1	165.000
D03	5.450	X	5.700	1.00	1	31.065
D04	11.400	X	2.800	1.00	1	31.920
D06	12.200	X	9.000	1.00	1	109.800
D07	13.550	X	13.100	1.00	1	177.505
D08	13.970	X	13.100	1.00	1	183.007
D09	14.420	X	15.300	1.00	1	220.626
D10	19.200	X	15.300	1.00	1	293.760
D11	(12.800 + 6.800) / 2 X 3.464				1	33.947
D12	12.800	X	17.536	1.00	1	224.461
D13	32.400	X	16.112	1.00	1	522.029
D14	(41.240 + 36.024) / 2 X 10.344				1	399.609
D15	36.024	X	4.644	1.00	1	167.295
D16	10.750	X	1.000	1.00	1	10.750
D17	11.010	X	6.100	1.00	1	67.161
D18	8.076	X	3.089	1.00	1	24.947
D18A	3.113	X	1.555	1.00	0.5	2.420
D19	(4.963 + 1.906) / 2 X 6.178				1	21.218
D20	0.665	X	1.621	1.00	0.5	0.539
D21	(1.241 + 0.439) / 2 X 1.621				1	1.362
D22	(1.884 + 1.688) / 2 X 0.400				1	0.714
D23	(1.628 + 0.724) / 2 X 1.810				1	2.129
D24	(2.342 + 1.810) / 2 X 1.064				1	2.209
D25	1.664	X	14.399	1.00	1	23.960
D26	AS PER PLOY LINE				1	1.490
D27	AS PER PLOY LINE				1	2.270
D28	8.840	X	16.187	1.00	1	143.093
D29	11.400	X	2.525	1.00	1	28.785
D30	(12.800 + 12.105) / 2 X 1.947				1	24.245
D31	12.800	X	16.453	1.00	1	210.598
TOTAL DEDUCTION AREA (B)						3289.615
TOTAL COVERD AREA AT THIRD FLOOR (C) = (A - B)						2884.129
NON FAR AREA						
N01	2.000	X	2.820	1.00	3	16.920
N02	2.700	X	2.600	1.00	2	14.040
N2A	9.800	X	8.025	1.00	1	78.645
N2B	3.100	X	1.700	1.00	1	5.270
N03	5.300	X	7.700	1.00	2	81.620
N04	2.150	X	1.460	1.00	1	3.139
N05	1.500	X	0.960	1.00	1	1.440
N06	1.250	X	0.960	1.00	1	1.200
N07	1.450	X	0.650	1.00	1	0.943
N08	1.200	X	0.650	1.00	1	0.780
N09	1.500	X	2.750	1.00	1	4.125
N10	1.700	X	2.350	1.00	1	3.995
N11	8.100	X	2.150	1.00	1	17.415
N12	5.600	X	7.450	1.00	1	41.720
N12A	2.700	X	13.150	1.00	1	35.505
N13	5.300	X	8.050	1.00	1	42.665
N14	1.165	X	2.150	1.00	1	2.505
N15	6.000	X	0.900	1.00	1	5.400
N16	7.700	X	5.300	1.00	2	81.620
N17	0.900	X	3.000	1.00	2	5.400
N18	1.100	X	2.150	1.00	2	4.730
N19	0.600	X	1.200	1.00	1	0.720
N20	2.150	X	1.400	1.00	1	3.010
N21	4.420	X	0.900	1.00	1	3.978
N21A	11.320	X	8.700	1.00	1	98.484
N22	2.200	X	0.900	1.00	1	1.980
N23	3.000	X	0.900	1.00	1	2.700
N24	1.200	X	0.900	1.00	1	1.080
N25	1.400	X	2.150	1.00	1	3.010
N26	2.150	X	0.300	1.00	1	0.645
N27	2.150	X	3.000	1.00	1	6.450
N28	9.650	X	2.300	1.00	1	22.195
N29	13.250	X	2.300	1.00	1	30.475
N30	2.300	X	19.350	1.00	1	44.505
N31	3.480	X	11.585	1.00	1	40.316
TOTAL NON FAR AREA AT THIRD FLOOR (D)						708.624
TOTAL FAR AREA AT THIRD FLOOR (C - D)						2175.505

Staircase Calculation For Third Floor						
Toial floor area				2175.505	sqm	
Resturant area				600.000	sqm	
Mercantile Area				194.030	sqm	
Audi. area				1381.475	sqm	
Floors	Average occupant load	No. of occupant	As per NBCC	Stair case	Total Stair	Stair case Provided
Assembly area	600.000	1.8	333.33	10	3333.33	4 X 2150 = 8600 MM
Mercantile Area	194.030	6	32.34	10	323.38	10556.72 1 X 2150 = 2150 MM
Audi. Seat	1150/2 = 575	1.2	690.00	10	6900.000	Total = 10750 MM

LEGEND FOR PLUMBING	
110 OD uPVC WASTE PIPE	160 OD uPVC SOIL PIPE
110 OD uPVC SOIL PIPE	FT FLOOR TRAP
90 OD ASP VENT PIPE	FD FLOOR DRAIN
160 OD uPVC WASTE PIPE	UT URINAL TRAP
63 OD uPVC WASTE PIPE	WATER SUPPLY INLET PIPE
	FLUSHING WATER SUPPLY PIPE

PLUMBING NOTE:–
* WASH BASIN TO FLOOR TRAP 50 OD uPVC WASTE PIPE
* FLOOR DRAIN TO FLOOR TRAP 63 OD uPVC WASTE PIPE
* FLOOR TRAP TO VERTICAL WASTE STACK 110 OD WASTE PIPE
* W.C TO VERTICAL SOIL STACK 110 OD SOIL PIPE



TOILET DETAIL-1

For M/S NEWZONE BUILDWELL PVT. LTD.
Authorised Signatory
OWNER'S SIGN

GIAN P. MATHUR ARCHITECT B.Arch., M.C.A., I.I.A. CA No.-2875/89
ARCHITECT'S SIGN

PROJECT:–
PROPOSED BUILDING PLAN OF COMMERCIAL COLONY AREA MEASURING 4.65625 ACRES (LICENCE NO. 70 OF 2008 DATED 26.03.2008) IN SECTOR-82-A,GURUGRAM BEING DEVELOPED BY NEWZONE BUILDWELL PVT. LTD.

TITLE
THIRD FLOOR PLAN
DRG.NO.-08

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