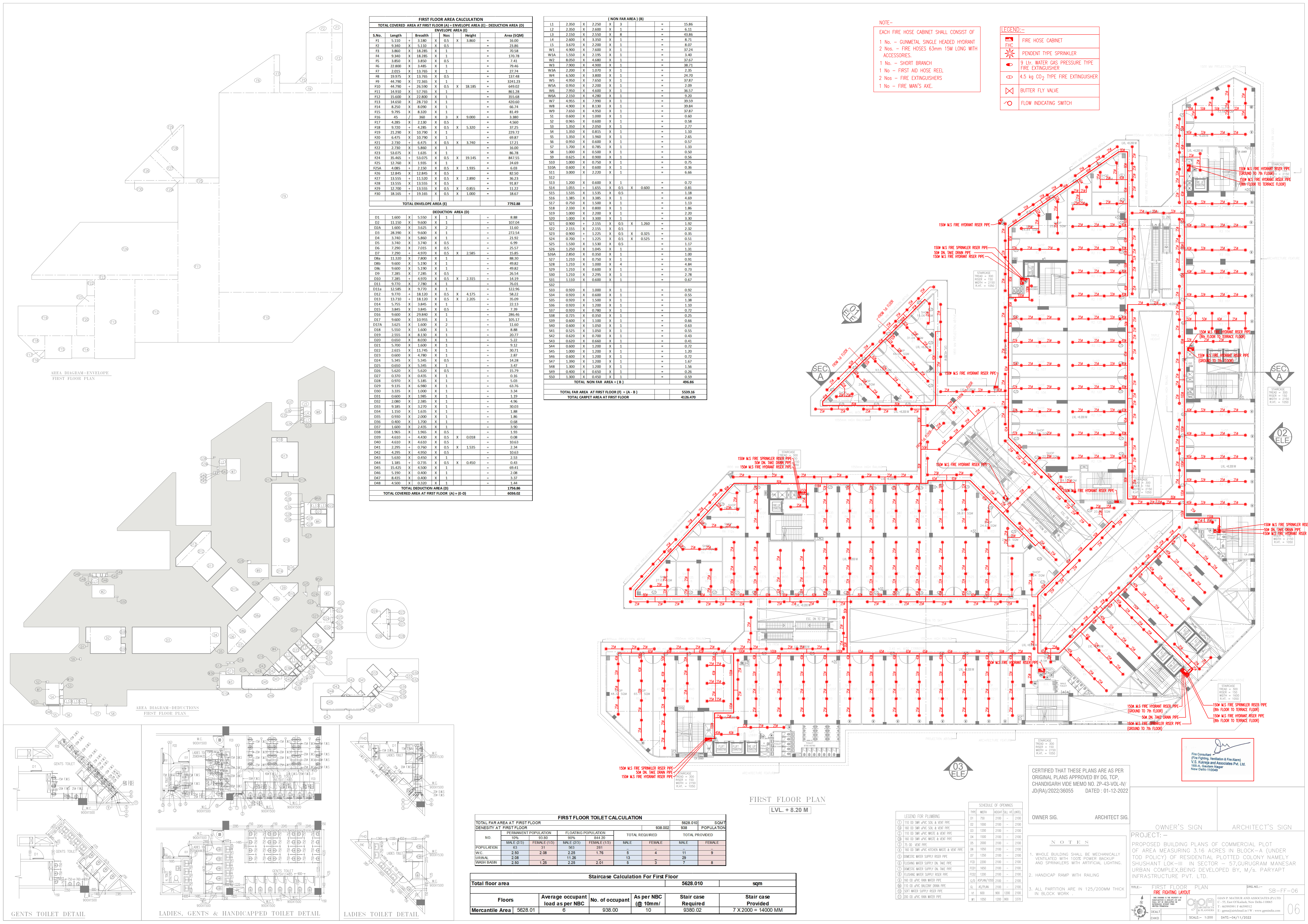




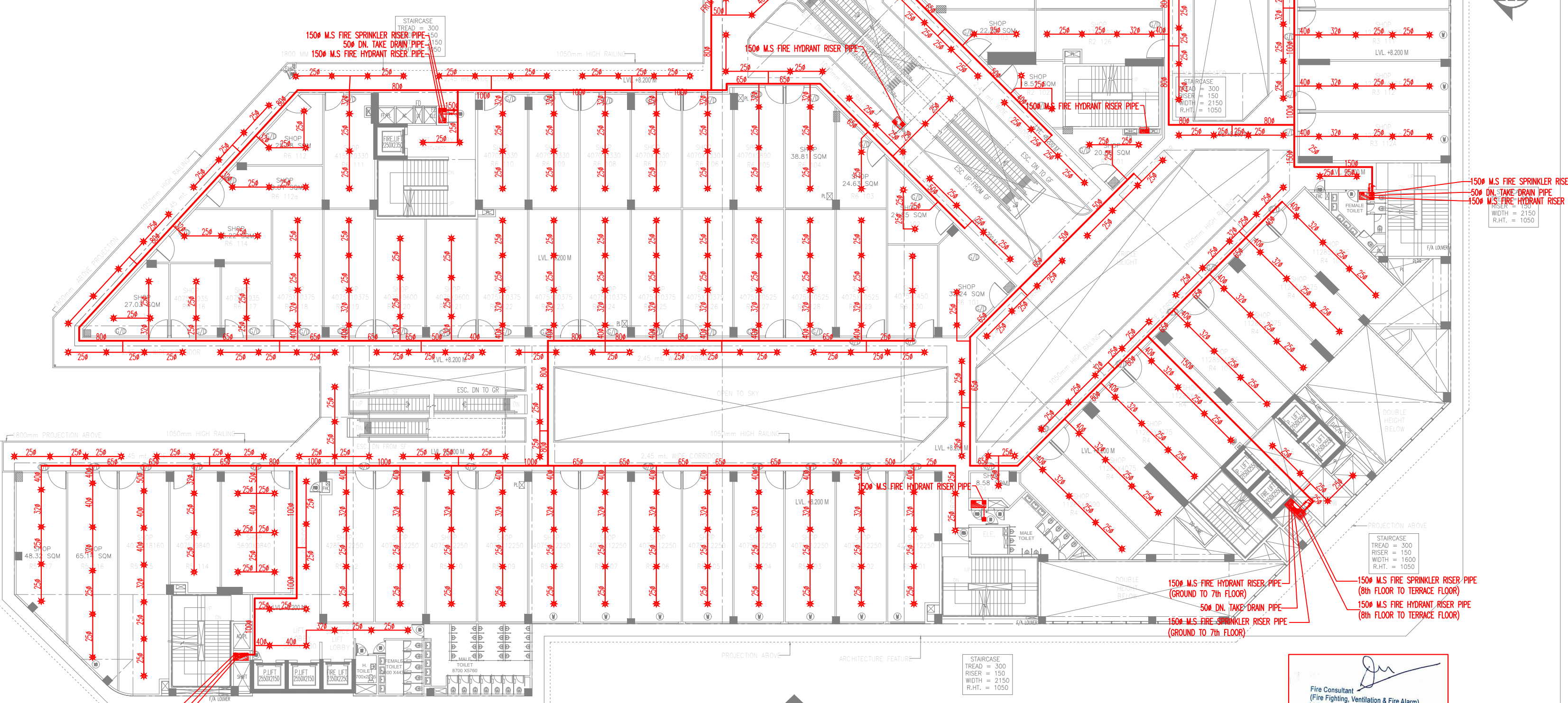
FIRST FLOOR AREA CALCULATION						
TOTAL COVERED AREA AT FIRST FLOOR (A) - ENVELOPE AREA (E) - DEDUCTION AREA (D)						
S.No.	Length	Breadth	Nos	Height	Area (SQM)	
F1	5.110	3.180	X 0.5	X 3.860	=	36.60
F2	5.340	5.110	X 0.5		=	23.86
F3	3.860	X 18.285	X 1		=	70.58
F4	9.340	X 18.285	X 1		=	170.78
F5	3.860	X 18.285	X 0.5		=	7.41
F6	22.800	X 3.485	X 1		=	79.46
F7	2.015	X 13.765	X 1		=	27.74
F8	59.975	X 13.765	X 0.5		=	137.48
F9	44.790	X 72.365	X 1		=	3241.23
F10	44.790	X 26.590	X 0.5	X 18.185	=	649.02
F11	14.910	X 57.765	X 1		=	861.28
F12	15.600	X 22.800	X 1		=	355.68
F13	14.650	X 28.710	X 1		=	420.60
F14	8.750	X 8.090	X 1		=	66.74
F15	8.755	X 8.320	X 1		=	81.49
F16	45	/ 360	X 3	X 9.000	=	3.880
F17	4.285	X 2.130	X 0.5		=	4.580
F18	9.720	X 4.285	X 0.5	X 5.320	=	37.75
F19	11.290	X 10.790	X 1		=	229.72
F20	6.475	X 10.790	X 1		=	69.87
F21	2.730	X 6.475	X 0.5	X 3.740	=	12.21
F22	2.730	X 5.860	X 1		=	16.00
F23	53.075	X 1.635	X 1		=	86.78
F24	35.465	X 53.075	X 0.5	X 19.145	=	847.55
F25	12.740	X 1.995	X 1		=	24.69
F25A	4.085	X 2.150	X 0.5	X 1.935	=	6.03
F26	12.845	X 12.845	X 0.5		=	82.50
F27	13.555	X 11.520	X 0.5	X 2.890	=	36.23
F28	13.555	X 13.555	X 0.5		=	91.87
F29	12.700	X 13.555	X 0.5	X 0.855	=	11.22
F30	18.165	X 19.165	X 0.5	X 1.000	=	18.67
TOTAL ENVELOPE AREA (E)					7792.88	

DEDUCTION AREA (D)						
D1	1.600	X 5.550	X 1		=	8.88
D2	11.150	X 9.600	X 1		=	107.04
D2A	1.600	X 3.625	X 2		=	11.60
D3	28.390	X 9.600	X 1		=	272.54
D4	3.740	X 5.860	X 1		=	21.92
D5	3.740	X 3.740	X 0.5		=	6.99
D6	7.290	X 7.015	X 0.5		=	25.57
D7	7.290	X 4.970	X 0.5	X 2.585	=	15.85
D8A	11.320	X 2.800	X 1		=	86.30
D8B	9.600	X 5.190	X 1		=	49.82
D8C	9.600	X 5.190	X 1		=	49.82
D9	7.285	X 7.285	X 0.5		=	26.54
D10	7.285	X 4.970	X 0.5	X 2.315	=	14.19
D11	9.770	X 7.780	X 1		=	76.01
D11A	12.585	X 9.770	X 1		=	122.96
D12	9.770	X 18.120	X 0.5	X 4.175	=	58.22
D13	13.710	X 18.120	X 0.5	X 2.205	=	35.09
D14	5.755	X 3.845	X 1		=	22.13
D15	3.845	X 3.845	X 0.5		=	7.39
D16	9.600	X 29.840	X 1		=	286.46
D17	9.600	X 10.955	X 1		=	105.17
D17A	3.625	X 1.600	X 2		=	11.60
D18	5.550	X 1.600	X 1		=	8.88
D19	2.555	X 8.130	X 1		=	20.77
D20	0.650	X 8.030	X 1		=	5.22
D21	5.700	X 1.600	X 1		=	9.12
D22	2.615	X 13.745	X 1		=	30.71
D23	0.600	X 4.780	X 1		=	2.87
D24	5.345	X 5.345	X 0.5		=	14.28
D25	0.650	X 5.345	X 1		=	3.47
D26	5.620	X 5.620	X 0.5		=	15.79
D27	0.370	X 0.435	X 1		=	0.16
D28	0.970	X 5.185	X 1		=	5.03
D29	9.135	X 6.980	X 1		=	63.76
D30	3.335	X 1.000	X 1		=	3.34
D31	0.600	X 1.985	X 1		=	1.19
D32	2.080	X 2.385	X 1		=	4.96
D33	9.185	X 3.270	X 1		=	30.03
D34	1.150	X 1.635	X 1		=	1.86
D35	0.930	X 2.000	X 1		=	1.86
D36	0.400	X 1.700	X 1		=	0.68
D37	1.620	X 2.435	X 1		=	3.90
D38	1.965	X 1.965	X 0.5		=	1.91
D39	4.610	X 4.430	X 0.5	X 0.018	=	0.08
D40	4.610	X 4.610	X 0.5		=	10.63
D41	2.295	X 0.760	X 0.5	X 1.535	=	2.34
D42	4.295	X 4.950	X 0.5		=	10.63
D43	5.630	X 0.450	X 1		=	2.53
D44	1.185	X 0.735	X 0.5	X 0.450	=	0.43
D45	15.425	X 4.500	X 1		=	69.41
D46	5.190	X 0.400	X 1		=	2.08
D47	8.435	X 0.400	X 1		=	3.37
D48	4.500	X 0.330	X 1		=	1.48
TOTAL DEDUCTION AREA (D)					1756.86	
TOTAL COVERED AREA AT FIRST FLOOR (A) = (E-D)					6036.02	

(NON FAR AREA) (B)						
L1	2.350	X 2.250	X 1		=	5.286
L2	2.350	X 2.600	X 1		=	6.11
L3	2.150	X 2.550	X 8		=	43.86
L4	2.600	X 3.350	X 1		=	8.71
L5	3.670	X 2.200	X 1		=	8.07
W1	4.900	X 7.600	X 1		=	37.24
W1A	1.550	X 2.195	X 1		=	3.40
W2	8.050	X 4.680	X 1		=	37.67
W3	7.900	X 4.900	X 1		=	38.71
W3A	2.200	X 1.070	X 1		=	2.35
W4	4.500	X 3.840	X 1		=	24.70
W5	4.950	X 7.650	X 1		=	37.87
W5A	0.950	X 2.200	X 1		=	2.09
W6	2.960	X 4.600	X 1		=	36.57
W6A	2.150	X 4.280	X 1		=	9.20
W7	4.955	X 7.990	X 1		=	39.59
W8	4.900	X 8.130	X 1		=	39.84
W9	7.650	X 4.950	X 1		=	37.87
S1	0.600	X 1.000	X 1		=	0.60
S2	0.965	X 0.600	X 1		=	0.58
S3	1.350	X 2.050	X 1		=	2.77
S4	1.350	X 0.815	X 1		=	1.10
S5	1.350	X 1.960	X 1		=	2.65
S6	0.950	X 0.600	X 1		=	0.57
S7	1.700	X 0.785	X 1		=	1.33
S8	1.000	X 0.500	X 1		=	0.50
S9	0.675	X 0.900	X 1		=	0.56
S10	1.000	X 0.750	X 1		=	0.75
S10A	0.600	X 0.600	X 1		=	0.36
S11	3.000	X 2.220	X 1		=	6.66
S12	1.200	X 0.600	X 1		=	0.72
S14	1.055	X 1.655	X 0.5	X 0.600	=	0.81
S15	1.535	X 1.535	X 0.5		=	1.18
S16	1.385	X 3.385	X 1		=	4.69
S17	0.750	X 1.500	X 1		=	1.13
S18	2.330	X 0.800	X 1		=	1.86
S19	1.000	X 2.200	X 1		=	2.20
S20	1.000	X 3.300	X 1		=	3.30
S21	0.900	X 2.155	X 0.5	X 1.260	=	1.92
S22	2.155	X 2.155	X 0.5		=	2.32
S23	0.900	X 1.225	X 0.5	X 0.325	=	0.35
S24	0.700	X 1.225	X 0.5	X 0.525	=	0.51
S25	1.530	X 1.530	X 0.5		=	1.17
S26	1.250	X 1.045	X 1		=	1.31
S26A	2.850	X 0.350	X 1		=	1.00
S27	1.210	X 0.750	X 1		=	0.91
S28	1.210	X 1.000	X 4		=	4.84
S29	1.210	X 0.600	X 1		=	0.73
S30	1.210	X 2.295	X 1		=	2.78
S31	1.110	X 0.600	X 1		=	0.67
S32	0.920	X 1.000	X 1		=	0.92
S34	0.920	X 0.600	X 1		=	0.55
S35	0.920	X 1.500	X 1		=	1.38
S36	0.920	X 1.200	X 1		=	1.10
S37	0.920	X 0.780	X 1		=	0.72
S38	0.725	X 0.350	X 1		=	0.25
S39	0.600	X 1.100	X 1		=	0.66
S40	0.600	X 1.050	X 1		=	0.63
S41	0.525	X 1.050	X 1		=	0.55
S42	0.620	X 0.700	X 1		=	0.43
S43	0.620	X 0.650	X 1		=	0.41
S44	0.600	X 1.200	X 1		=	0.72
S45	1.000	X 1.200	X 1		=	1.20
S46	0.600	X 1.200	X 1		=	0.72
S47	1.390	X 1.200	X 1		=	1.67
S48	1.300	X 1.200	X 1		=	1.56
S49	0.400	X 0.650	X 1		=	0.26
S50	1.300	X 0.450	X 1		=	0.59
TOTAL NON FAR AREA = (B)					496.86	
TOTAL FAR AREA AT FIRST FLOOR (F) = (A - B)					5539.16	
TOTAL CARPET AREA AT FIRST FLOOR					4126.470	

NOTE:-
EACH FIRE HOSE CABINET SHALL CONSIST OF
1 No. - GUNMETAL SINGLE HEADED HYDRANT
2 Nos. - FIRE HOSES 63mm 15M LONG WITH ACCESSORIES.
1 No. - SHORT BRANCH
1 No - FIRST AID HOSE REEL
2 Nos. - FIRE EXTINGUISHERS
1 No - FIRE MAN'S AXE.

LEGEND:-
FHC FIRE HOSE CABINET
P PENDENT TYPE SPRINKLER
9 LIT. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
4.5 kg CO2 TYPE FIRE EXTINGUISHER
BUTTER FLY VALVE
FLOW INDICATING SWITCH



FIRST FLOOR TOILET CALCULATION						
TOTAL FAR AREA AT FIRST FLOOR						
DENSITY AT FIRST FLOOR						
NO.	10%	93.80	90%	844.20	TOTAL REQUIRED	TOTAL PROVIDED
POPULATION	MALE (23)	2.08	FEMALE (10)	2.25	5	4
W.C.	2.08	2.08	2.25	1.76	13	11
URINAL	2.08	2.08	2.25	2.01	5	29
WASH BASIN	2.08	2.08	2.25	2.01	5	8

Staircase Calculation For First Floor					
Total floor area	5628.010	sqm			
Floors	Average occupant load as per NBC	No. of occupant	As per NBC (@ 10mm/	Stair case Required	Stair case Provided
Mercantile Area	5628.01	6	938.00	9380.02	7 X 2000 = 14000 MM

LEGEND FOR PLUMBING		
1	110 OD SDR 40 PVC SOIL & VENT PIPE	2100
2	160 OD SDR 40 PVC SOIL & VENT PIPE	2100
3	110 OD SDR 40 PVC WASTE & VENT PIPE	2100
4	160 OD SDR 40 PVC WASTE & VENT PIPE	2100
5	75 OD VENT PIPE	2100
6	160 OD SDR 40 PVC KITCHEN WASTE & VENT PIPE	2100
7	DOMESTIC WATER SUPPLY RISER PIPE	2100
8	FLUISING WATER SUPPLY ON TAC PIPE	2100
9	DOMESTIC WATER SUPPLY ON TAC PIPE	2100
10	FLUISING WATER SUPPLY RISER PIPE	2100
11	160 OD SDR 40 PVC RAIN WATER PIPE	2100
12	110 OD SDR 40 PVC BALCONY DRAIN PIPE	2100
13	160 OD SDR 40 PVC RAIN WATER PIPE	2100
14	200 OD SDR 40 PVC RAIN WATER PIPE	2100

CERTIFIED THAT THESE PLANS ARE AS PER ORIGINAL PLANS APPROVED BY DG, TCP, CHANDIGARH VIDE MEMO NO. ZP-43-VOL-IV/JD(RA)/2022/36055 DATED : 01-12-2022

OWNER SIG. ARCHITECT SIG.

NOTES
1. WHOLE BUILDING SHALL BE MECHANICALLY VENTILATED WITH 100% POWER BACKUP AND SPRINKLERS WITH ARTIFICIAL LIGHTING.
2. HANDICAP RAMP WITH RAILING
3. ALL PARTITION ARE IN 125/200MM THICK IN BLOCK WORK.

PROJECT:-
PROPOSED BUILDING PLANS OF COMMERCIAL PLOT OF AREA MEASURING 3.16 ACRES IN BLOCK-A (UNDER TOD POLICY) OF RESIDENTIAL PLOTTED COLONY NAMED SHUJANT LOKH SECTOR - 57, GURUGRAM MANESAR URBAN COMPLEX, BEING DEVELOPED BY, M/s. PARYAT INFRASTRUCTURE PVT. LTD.

FILE NO. SB-FF-06

SCALE:- 1:200 DATE:-04/11/2022

06