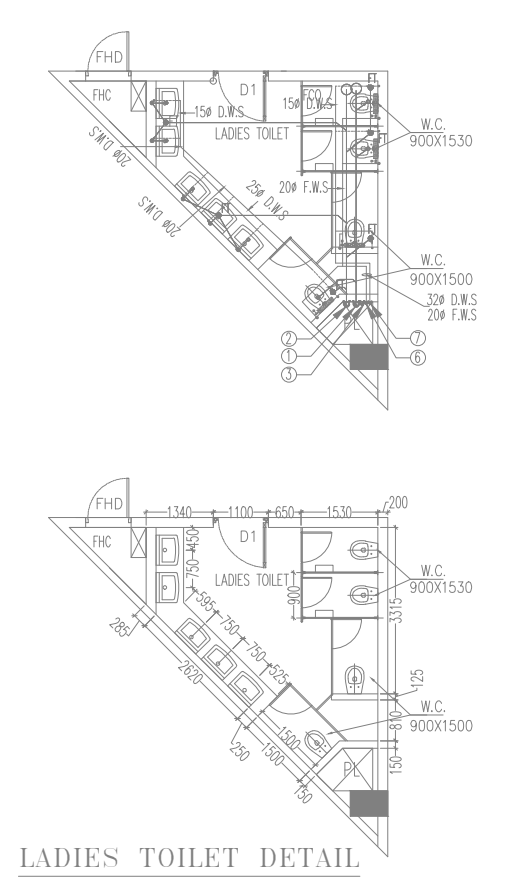
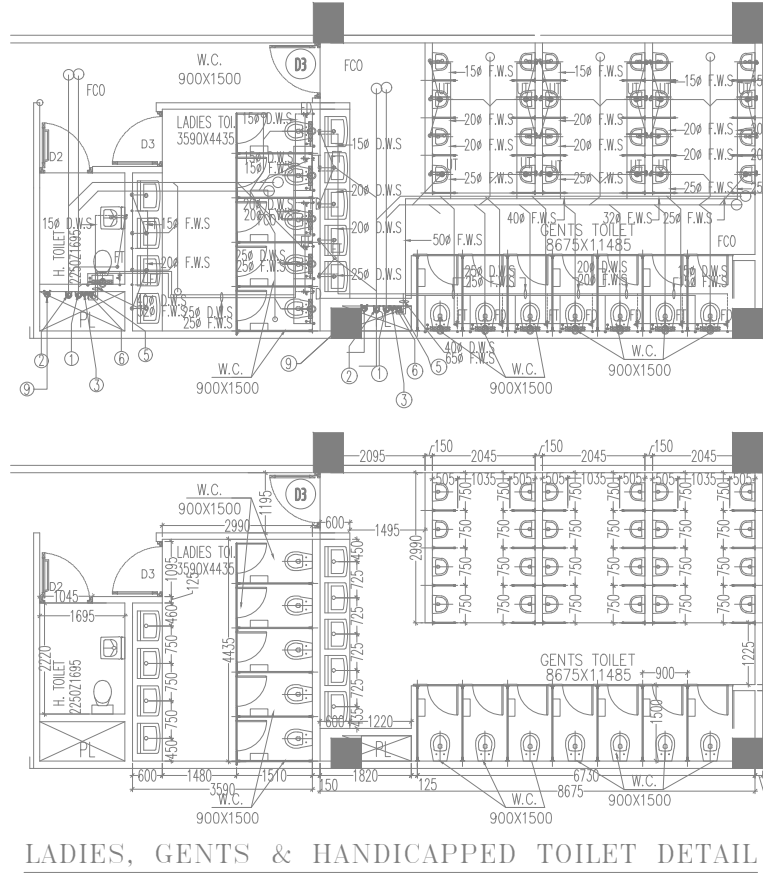
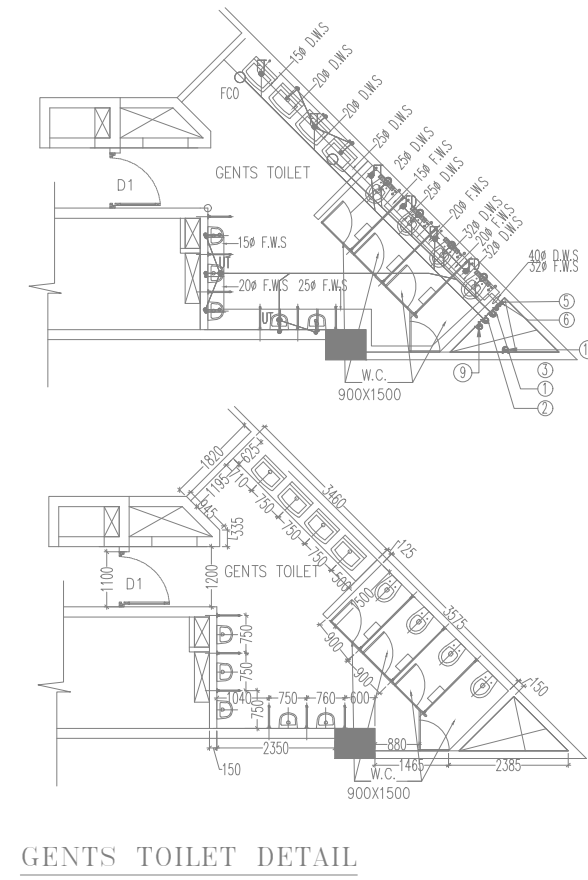
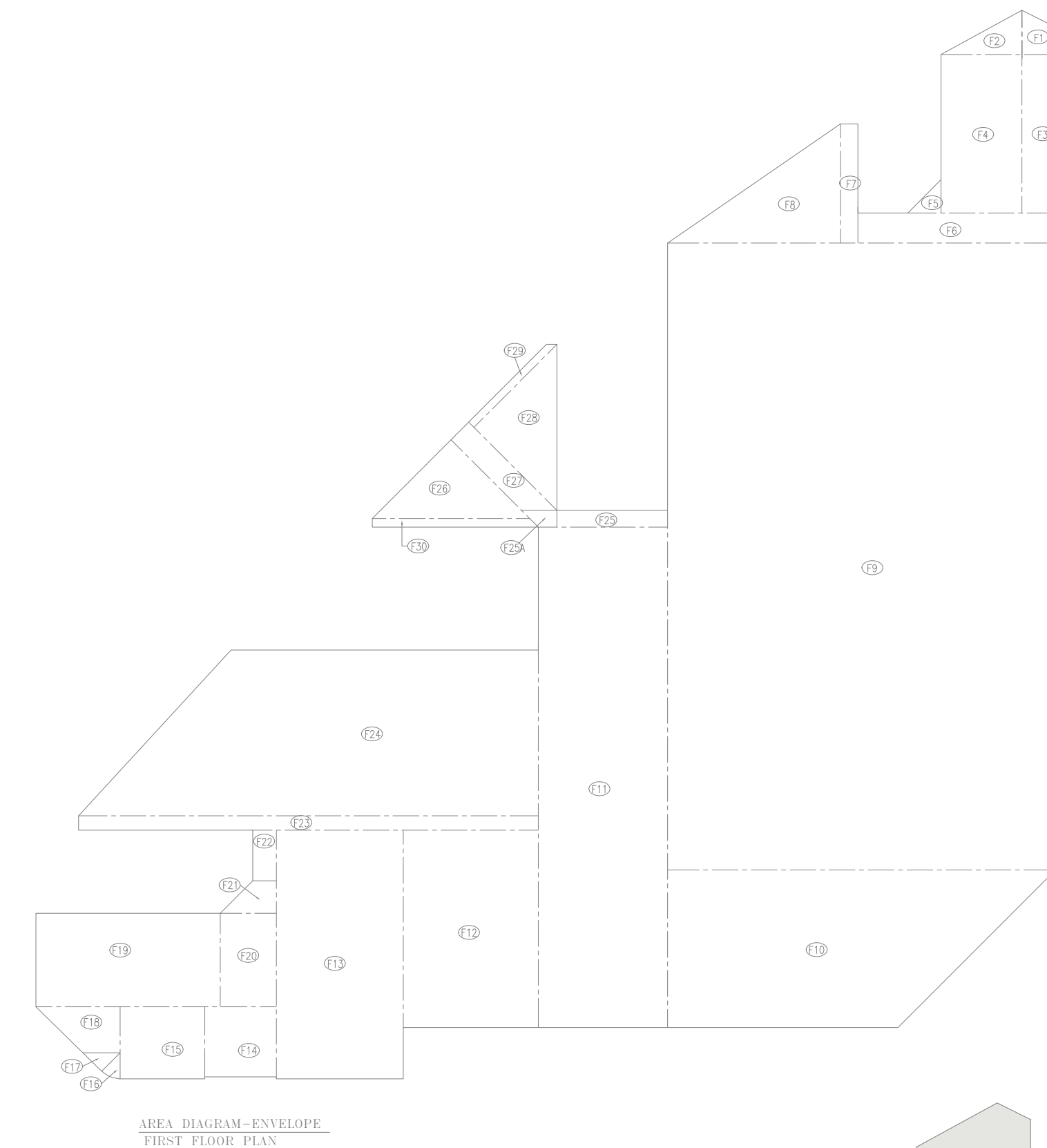




FIRST FLOOR AREA CALCULATION						
TOTAL COVERED AREA AT FIRST FLOOR (A) = ENVELOPE AREA (E) - DEDUCTION AREA (D)						
S.No.	Length	Breadth	Nos	Height	Area (SQM)	
F1	5.110	1.180	0.5	3.860	=	16.00
F2	9.340	5.110	0.5		=	23.86
F3	3.860	18.285	1		=	70.58
F4	9.340	18.285	1		=	170.78
F5	3.860	3.860	0.5		=	7.41
F6	22.800	3.485	1		=	79.46
F7	2.015	13.765	1		=	27.74
F8	19.975	13.765	0.5		=	137.48
F9	44.790	22.365	1	0.5	18.185	= 3241.23
F10	44.790	19.980	0.5			= 649.02
F11	14.910	57.765	1			= 861.28
F12	15.600	22.800	1			= 355.68
F13	14.650	28.110	1			= 420.60
F14	8.250	8.090	1			= 66.74
F15	9.790	8.320	1			= 81.49
F16	45	160	3	3	9.000	= 1380
F17	4.285	2.130	0.5			= 4.540
F18	9.720	4.285	0.5	5.320		= 37.25
F19	21.250	10.790	1			= 228.72
F20	6.475	10.790	1			= 69.87
F21	2.730	6.475	0.5	3.740		= 17.21
F22	2.730	5.860	1			= 16.00
F23	15.075	1.635	1			= 86.78
F24	35.465	53.075	0.5	18.145		= 847.55
F25	12.760	1.935	1			= 24.69
F26A	4.085	1.930	0.5	1.995		= 6.03
F27	12.845	17.845	0.5			= 82.50
F28	13.555	11.520	0.5	2.890		= 36.23
F29	13.555	11.520	0.5			= 11.87
F30	12.700	11.555	0.5	0.855		= 11.22
F31	18.165	19.165	0.5	1.000		= 18.67
TOTAL ENVELOPE AREA (E)					7792.88	
DEDUCTION AREA (D)						
D1	1.600	5.550	1			= 8.88
D2	11.150	9.600	1			= 107.04
D3A	1.600	8.625	2			= 11.40
D4	28.390	9.600	1			= 272.54
D5	3.740	5.860	1			= 21.92
D6	3.740	1.635	0.5			= 6.99
D7	7.290	7.015	0.5			= 25.57
D8	7.290	4.970	0.5	2.585		= 15.85
D9A	11.320	8.800	1			= 88.30
D10	9.600	5.190	1			= 49.82
D11	9.600	5.190	1			= 49.82
D12	7.285	7.285	0.5			= 26.54
D13	7.285	4.970	0.5	2.315		= 14.19
D14	9.770	7.780	1			= 76.01
D15A	12.585	9.770	1			= 122.96
D16	9.770	18.120	0.5	4.175		= 58.22
D17	13.710	18.120	0.5	2.205		= 35.09
D18	5.755	3.845	1			= 22.13
D19	3.845	3.845	0.5			= 7.39
D20	9.600	29.840	1			= 286.46
D21	9.600	10.955	1			= 105.17
D22	1.625	1.600	2			= 11.60
D23	5.550	1.600	1			= 8.88
D24	2.555	8.130	1			= 20.77
D25	0.600	8.030	1			= 4.82
D26	5.700	1.600	1			= 9.12
D27	2.615	11.745	1			= 30.71
D28	0.600	4.780	1			= 2.87
D29	5.345	5.345	0.5			= 14.28
D30	0.600	5.345	1			= 3.47
D31	5.620	5.620	0.5			= 15.79
D32	0.370	0.435	1			= 0.16
D33	0.970	5.185	1			= 5.03
D34	9.135	6.980	1			= 63.76
D35	3.335	1.000	1			= 3.34
D36	0.600	1.985	1			= 1.19
D37	2.080	2.385	1			= 4.96
D38	9.185	3.270	1			= 30.03
D39	1.150	1.635	1			= 1.88
D40	0.930	2.000	1			= 1.86
D41	0.400	1.700	1			= 0.68
D42	1.600	2.435	1			= 3.90
D43	1.965	1.965	0.5			= 1.93
D44	4.610	4.430	0.5	0.018		= 0.08
D45	4.610	4.610	0.5			= 10.63
D46	2.295	0.760	0.5	1.535		= 2.34
D47	4.285	4.950	0.5			= 10.63
D48	5.630	0.450	1			= 2.53
D49	1.185	0.735	0.5	0.450		= 0.43
D50	15.425	4.500	1			= 69.41
D51	5.190	0.400	1			= 2.08
D52	8.435	0.400	1			= 3.37
D53	4.500	1.140	1			= 5.14
TOTAL DEDUCTION AREA (D)					1756.86	
TOTAL COVERED AREA AT FIRST FLOOR (A) = (E-D)					6036.02	

[NON FAR AREA] (B)						
L1	2.350	2.250	1		=	15.86
L2	2.350	2.600	1		=	6.11
L3	2.150	2.550	1		=	43.86
L4	2.600	3.350	1		=	8.71
L5	3.670	2.200	1		=	8.07
W1	4.900	2.600	1		=	37.24
W2A	1.550	2.195	1		=	3.40
W2	8.050	4.680	1		=	37.67
W3	7.900	4.950	1		=	38.71
W3A	2.200	1.070	1		=	2.35
W4	6.500	3.800	1		=	24.70
W5	4.950	7.650	1		=	37.87
W5A	0.950	2.200	1		=	2.09
W6	7.950	4.600	1		=	36.57
W6A	2.150	4.280	1		=	9.20
W7	4.950	7.990	1		=	39.59
W8	4.900	8.130	1		=	39.84
W9	7.650	4.950	1		=	37.87
S1	0.600	1.000	1		=	0.60
S2	0.965	0.600	1		=	0.58
S3	1.350	2.050	1		=	2.77
S4	1.350	0.815	1		=	1.10
S5	1.350	1.860	1		=	2.65
S6	0.950	0.600	1		=	0.57
S7	1.700	0.785	1		=	1.33
S8	1.000	0.500	1		=	0.50
S9	0.625	0.900	1		=	0.56
S10	1.000	0.750	1		=	0.75
S10A	0.600	0.600	1		=	0.36
S11	3.000	2.220	1		=	6.66
S12	1.200	0.600	1		=	0.72
S14	1.055	1.655	0.5	0.600	=	0.81
S15	1.535	1.535	0.5		=	1.18
S16	1.385	3.285	1		=	4.69
S17	0.750	1.500	1		=	1.13
S18	2.330	0.800	1		=	1.86
S19	1.000	2.200	1		=	2.20
S20	1.000	3.300	1		=	3.30
S21	0.900	2.155	0.5	1.260	=	1.92
S22	2.155	2.155	0.5		=	2.32
S23	0.900	1.225	0.5	0.325	=	0.35
S24	0.700	1.225	0.5	0.525	=	0.51
S25	1.530	1.530	0.5		=	1.17
S26	1.250	1.045	1		=	1.31
S26A	2.850	0.350	1		=	1.00
S27	1.210	0.750	1		=	0.91
S28	1.210	1.000	1		=	4.84
S29	1.210	0.600	1		=	0.73
S30	1.210	2.295	1		=	2.78
S31	1.110	0.600	1		=	0.67
S32						
S33	0.920	1.000	1		=	0.92
S34	0.920	0.600	1		=	0.55
S35	0.920	1.500	1		=	1.38
S36	0.920	1.200	1		=	1.10
S37	0.930	0.780	1		=	0.73
S38	0.725	0.350	1		=	0.25
S39	0.600	1.100	1		=	0.66
S40	0.600	1.050	1		=	0.63
S41	0.525	1.050	1		=	0.55
S42	0.620	0.700	1		=	0.43
S43	0.620	0.660	1		=	0.41
S44	0.600	1.200	1		=	0.72
S45	1.000	1.200	1		=	1.20
S46	0.600	1.200	1		=	0.72
S47	1.390	1.200	1		=	1.67
S48	1.300	1.200	1		=	1.56
S49	0.400	0.650	1		=	0.26
S50	1.300	0.450	1		=	0.59
TOTAL NON FAR AREA - (B)					496.86	
TOTAL FAR AREA AT FIRST FLOOR (E) = (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:-	
	FIRE HOSE CABINET
	PENDENT TYPE SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO2 TYPE FIRE EXTINGUISHER
	BUTTER FLY VALVE
	FLOW INDICATING SWITCH

