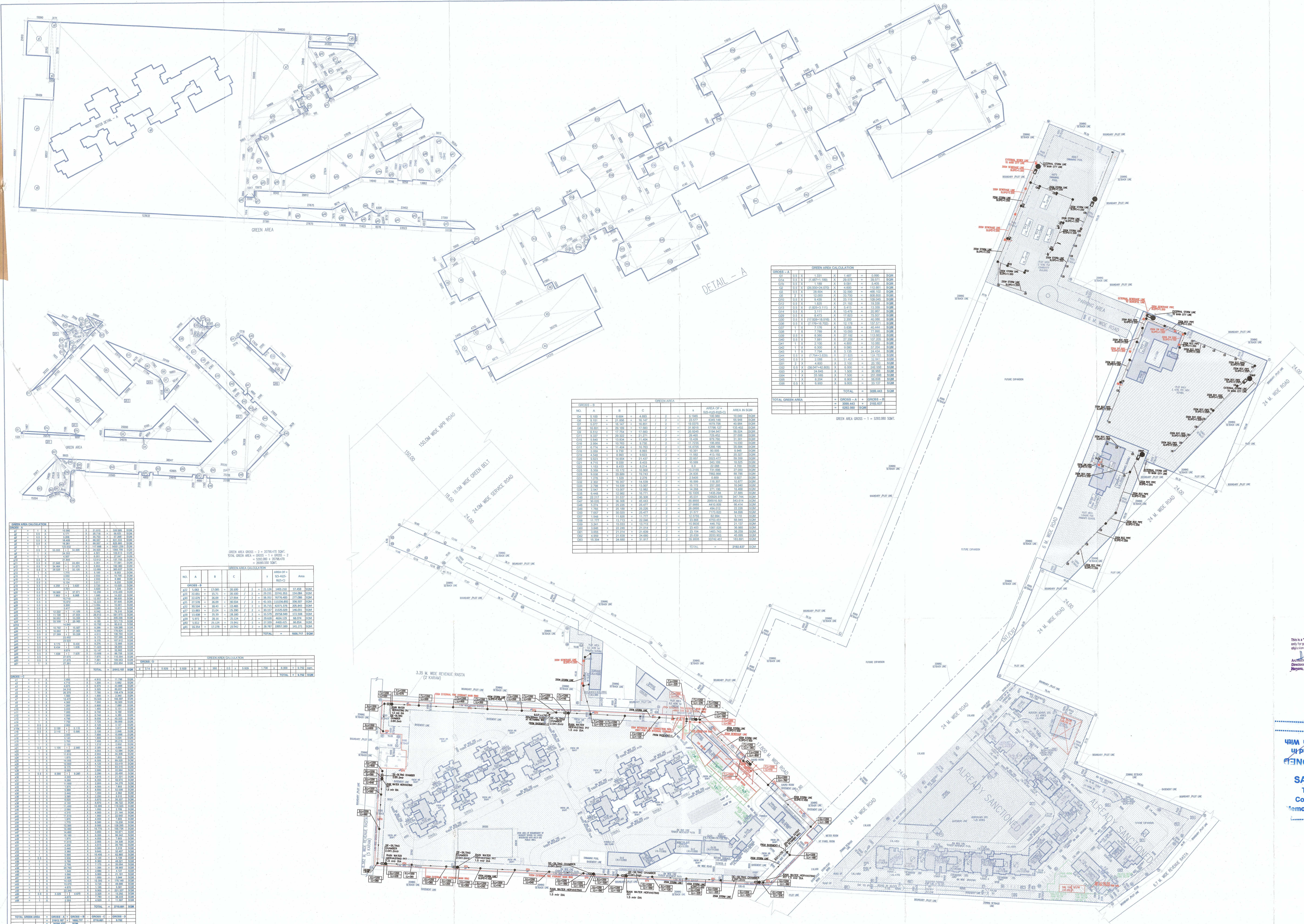

GREEN AREA CALCULATION

GROSS - A										
g1	=	1	X	15.090			X	21.610	=	326.095	SQM
g2	=	0.5	X	3.171			X	35.718	=	56.631	SQM
g3	=	0.5	X	3.208			X	35.703	=	57.268	SQM
g4	=	0.5	X	18.409			X	68.557	=	631.033	SQM
g5	=	0.5	X	18.261			X	68.557	=	625.960	SQM
g6	=	1	X	123.632			X	117.698	=	14551.239	SQM
g7	=	0.5	X	55.005	+	34.846	X	34.920	=	1568.798	SQM
g8	=	1	X	24.353			X	4.501	=	109.613	SQM
g9	=	1	X	4.507			X	6.001	=	27.047	SQM
g10	=	0.5	X	21.845			X	12.612	=	137.755	SQM
g11	=	0.5	X	21.845	+	24.464	X	3.351	=	77.591	SQM
g12	=	0.5	X	24.464	+	31.675	X	6.853	=	192.360	SQM
g13	=	0.5	X	28.025	+	32.135	X	12.089	=	363.637	SQM
g14	=	1	X	1.775			X	5.100	=	9.053	SQM
g15	=	1	X	3.650			X	2.933	=	10.705	SQM
g16	=	0.5	X	6.114			X	2.933	=	8.966	SQM
g17	=	0.5	X	6.134			X	3.011	=	9.235	SQM
g18	=	0.5	X	4.258	+	3.820	X	3.720	=	15.025	SQM
g19	=	0.5	X	0.701			X	3.820	=	1.339	SQM
g20	=	0.5	X	30.869	+	37.571	X	12.256	=	419.400	SQM
g21	=	0.5	X	7.963	+	8.968	X	1.680	=	14.222	SQM
g24	=	0.5	X	15.710			X	12.557	=	98.635	SQM
g25	=	0.5	X	15.972			X	12.222	=	97.605	SQM
g26	=	0.5	X	5.500			X	3.884	=	10.681	SQM
g27	=	0.5	X	5.417			X	3.999	=	10.831	SQM
g28	=	0.5	X	12.222	+	11.109	X	6.542	=	76.316	SQM
g29	=	0.5	X	11.109	+	27.934	X	29.812	=	581.975	SQM
g33	=	0.5	X	30.052	+	33.358	X	9.722	=	308.236	SQM
g34	=	0.5	X	33.358	+	25.300	X	4.150	=	121.715	SQM
g34a	=	0.5	X	14.940			X	10.792	=	80.616	SQM
g35	=	0.5	X	10.792	+	15.587	X	8.286	=	109.288	SQM
g36	=	0.5	X	16.662	+	21.965	X	9.259	=	178.824	SQM
g42	=	0.5	X	27.269	+	33.338	X	4.513	=	136.760	SQM
g43	=	0.5	X	23.452			X	9.175	=	107.586	SQM
g44	=	0.5	X	23.523			X	9.175	=	107.912	SQM
g45	=	0.5	X	9.175	+	8.434	X	8.276	=	72.866	SQM
g46	=	0.5	X	8.434	+	1.838	X	11.423	=	58.669	SQM
g47	=	0.5	X	8.674			X	12.147	=	52.682	SQM
g48	=	0.5	X	1.838	+	7.975	X	13.606	=	66.758	SQM
g49	=	0.5	X	27.675			X	7.975	=	110.354	SQM
g50	=	0.5	X	27.675			X	7.881	=	109.053	SQM
g51	=	1	X	27.361			X	7.414	=	202.854	SQM
								TOTAL	=	21913.187	SQM
GROSS – C											
x1	=	1	X	2.400			X	4.915	=	11.796	SQM
x2	=	1	X	4.715			X	1.205	=	5.682	SQM
x3	=	1	X	6.675			X	6.575	=	43.888	SQM
x4	=	1	X	24.310			X	3.325	=	80.831	SQM
x5	=	1	X	20.370			X	7.780	=	158.479	SQM
x6	=	1	X	1.560			X	1.500	=	2.340	SQM
x7	=	1	X	12.470			X	15.525	=	193.597	SQM
x8	=	1	X	4.305			X	7.550	=	32.503	SQM
x9	=	1	X	1.200			X	5.900	=	7.080	SQM
x10	=	1	X	3.455			X	1.485	=	5.131	SQM
x11	=	1	X	7.000			X	0.740	=	5.180	SQM
x12	=	1	X	7.000			X	0.740	=	5.180	SQM
x13	=	1	X	4.796			X	7.035	=	33.742	SQM
x14	=	1	X	7.725			X	7.750	=	59.869	SQM
x15	=	0.5	X	2.950			X	2.120	=	3.127	SQM
x15a	=	0.5	X	2.120	+	2.115	X	1.850	=	3.917	SQM
x16	=	0.5	X	2.115	+	0.595	X	2.100	=	2.846	SQM
x17	=	1	X	2.040			X	7.695	=	15.698	SQM
x18	=	1	X	3.140			X	1.600	=	5.024	SQM
x19	=	1	X	3.765			X	7.495	=	28.219	SQM
x20	=	1	X	2.150			X	1.210	=	2.602	SQM
x21	=	0.5	X	1.105	+	2.980	X	2.300	=	4.698	SQM
x22	=	1	X	2.980			X	4.055	=	12.084	SQM
x23	=	1	X	11.610			X	2.955	=	34.308	SQM
x24	=	1	X	1.875			X	4.055	=	7.603	SQM
x25	=	1	X	14.055			X	6.355	=	89.320	SQM
x26	=	1	X	12.950			X	4.125	=	53.419	SQM
x27	=	1	X	8.175			X	7.745	=	63.315	SQM
x28	=	1	X	8.580			X	2.680	=	22.994	SQM
x29	=	0.5	X	8.580	+	9.280	X	2.290	=	20.450	SQM
x30	=	1	X	4.340			X	4.915	=	21.331	SQM
x31	=	1	X	9.280			X	6.355	=	58.974	SQM
x32	=	1	X	11.600			X	2.955	=	34.278	SQM
x33	=	1	X	1.875			X	4.055	=	7.603	SQM
x34	=	1	X	5.880			X	8.850	=	52.038	SQM
x35	=	1	X	2.440			X	1.050	=	2.562	SQM
x36	=	1	X	3.560			X	2.250	=	8.010	SQM
x37	=	1	X	6.020			X	5.870	=	35.337	SQM
x38	=	1	X	4.140			X	8.870	=	36.722	SQM
x39	=	1	X	11.450			X	10.395	=	119.023	SQM
x40	=	1	X	2.580			X	1.050	=	2.709	SQM
x41	=	1	X	4.315			X	4.900	=	21.144	SQM
x42	=	1	X	11.610			X	1.950	=	22.640	SQM
x43	=	1	X	1.875			X	4.055	=	7.603	SQM
x44	=	1	X	1.775			X	8.580	=	15.230	SQM
x45	=	1	X	13.385			X	9.585	=	128.295	SQM
x46	=	1	X	14.460			X	10.770	=	155.734	SQM
x47	=	1	X	14.460			X	3.850	=	55.671	SQM
x48	=	1	X	15.160			X	6.355	=	96.342	SQM
x49	=	1	X	1.875			X	4.055	=	7.603	SQM
x50	=	1	X	11.610			X	2.955	=	34.308	SQM
x51	=	1	X	4.230			X	4.915	=	20.790	SQM
x52	=	1	X	2.440			X	0.950	=	2.318	SQM
x53	=	1	X	3.360			X	9.645	=	32.407	SQM
x54	=	1	X	5.990			X	10.495	=	62.865	SQM
x55	=	0.5	X	2.930			X	2.120	=	3.106	SQM
x56	=	1	X	5.780			X	8.360	=	48.321	SQM
x57	=	1	X	2.795			X	7.175	=	20.054	SQM
x58	=	1	X	20.760			X	1.395	=	28.960	SQM
x59	=	1	X	1.540			X	2.680	=	4.127	SQM
x60	=	1	X	3.590			X	5.900	=	21.181	SQM
x61	=	1	X	2.390			X	1.650	=	3.944	SQM
x62	=	1	X	14.425			X	12.350	=	178.149	SQM
x63	=	1	X	13.070			X	3.725	=	48.686	SQM
x64	=	1	X	4.670			X	1.195	=	5.581	SQM
x65	=	1	X	22.345			X	9.905	=	221.327	SQM
x66	=	0.5	X	3.325	+	4.670	X	3.325	=	13.292	SQM
x67	=	1	X	4.670			X	7.780	=	36.333	SQM
x68	=	1	X	2.355			X	4.920	=	11.587	SQM
								TOTAL	=	2710.681	SQM
TOTAL GREEN AREA			=	GROSS - A	+	GROSS – B	-	GROSS - C	-	GROSS - D	
			=	21913.187	+	1605.717	-	2710.681	-	9.752	
			=	20798.470		SQM					

GREEN AREA GROSS – 2 = 20798.470 SQMT.
TOTAL GREEN AREA = GROSS – 1 + GROSS – 2
= 5292.080 + 20798.470
= 26090.550 SQMT.

GREEN AREA CALCULATION

NO.	A		B		C				S	AREA OF = S(S-A)(S-B)(S-C)	Area	
GROSS - B												
g22	5.063	+	17.085	+	20.100	/	2	=	21.124	1403.210	37.459	SQM
g23	22.651	+	15.71	+	20.100	/	2	=	29.231	23741.953	154.084	SQM
g30	22.679	+	26.09	+	27.934	/	2	=	38.352	76776.400	277.086	SQM
g31	27.578	+	26.09	+	30.534	/	2	=	42.101	113236.892	336.507	SQM
g32	30.534	+	18.43	+	22.465	/	2	=	35.715	42371.376	205.843	SQM
g37	13.883	+	21.04	+	25.390	/	2	=	30.157	21325.029	146.031	SQM
g38	13.608	+	25.39	+	28.160	/	2	=	33.579	29758.949	172.508	SQM
g39	5.972	+	28.16	+	25.124	/	2	=	29.628	4634.129	68.074	SQM
g40	5.612	+	25.124	+	23.942	/	2	=	27.339	4469.425	66.854	SQM
g41	16.354	+	17.278	+	23.942	/	2	=	28.787	19957.389	141.271	SQM
									TOTAL	=	1605.717	SQM

GREEN AREA CALCULATION

GROSS - D																				
e	3.14	x	5.929	x	5.929	x	89	\	360	-	0.5	x	5.929	x	1.708	x	8.309	=	9.752	sqm
																	TOTAL	=	9.752	SQM

GREEN AREA CALCULATION

GROSS - A								
G1	0.5	X	1.331	X	1.487	=	0.990	SQM
G1a	0.5	X	(1.487+1.189)	X	29.575	=	39.571	SQM
G1b	0.5	X	1.189	X	9.091	=	5.405	SQM
G2	0.5	X	(25.000+24.070)	X	4.600	=	112.861	SQM
G3	0.5	X	28.604	X	32.590	=	466.102	SQM
G5	2	X	12.000	X	33.700	=	808.800	SQM
G10	0.5	X	9.435	X	23.115	=	109.045	SQM
G12	0.5	X	1.825	X	21.192	=	19.338	SQM
G13	0.5	X	(1.825+3.111)	X	5.413	=	13.359	SQM
G14	0.5	X	3.111	X	13.479	=	20.967	SQM
G29	0.5	X	8.473	X	17.823	=	75.507	SQM
G30	0.5	X	(17.928+18.516)	X	2.200	=	40.088	SQM
G36	0.5	X	(7.176+18.702)	X	12.178	=	157.571	SQM
G37	1	X	7.176	X	5.636	=	40.444	SQM
G38	1	X	7.789	X	10.000	=	77.890	SQM
G39	0.5	X	8.360	X	27.192	=	113.663	SQM
G40	0.5	X	7.881	X	27.206	=	107.205	SQM
G41	1	X	2.100	X	4.800	=	10.080	SQM
G42	1	X	6.300	X	9.080	=	57.204	SQM
G43	1	X	7.794	X	3.135	=	24.434	SQM
G44	0.5	X	(7794+3.639)	X	21.825	=	124.763	SQM
G45	0.5	X	2.086	X	31.457	=	32.841	SQM
G51	2	X	4.800	X	2.100	=	20.160	SQM
G52	0.5	X	(38.047+42.805)	X	6.000	=	242.556	SQM
G53	1	X	24.645	X	1.500	=	36.968	SQM
G54	1	X	33.585	X	7.500	=	251.888	SQM
G55	1	X	8.204	X	6.900	=	56.608	SQM
G56	0.5	X	6.900	X	9.605	=	33.137	SQM
					TOTAL	=	3099.443	SQM
TOTAL GREEN AREA				=	GROSS – A	+	GROSS – B	
				=	3099.443	+	2192.637	
				=	5292.080	SQM		

GREEN AREA GROSS – 1 = 5292.080 SQMT.

GREEN AREA

NO.	A		B		C				S	AREA OF = S(S-A)(S-B)(S-C)	AREA IN SQM	
GROSS – B												
G4	5.100	+	8.604	+	4.693	/	2	=	9.1985	100.980	10.049	SQM
G6	9.151	+	21.856	+	16.147	/	2	=	23.577	4349.148	65.948	SQM
G7	5.077	+	16.147	+	16.851	/	2	=	19.0375	1679.706	40.984	SQM
G8	16.851	+	29.169	+	17.583	/	2	=	31.8015	17796.127	133.402	SQM
G9	6.512	+	17.754	+	17.583	/	2	=	20.9245	3194.947	56.524	SQM
G11	8.337	+	29.322	+	21.271	/	2	=	29.465	729.452	27.008	SQM
G15	5.640	+	13.834	+	11.404	/	2	=	15.439	979.760	31.301	SQM
G16	2.954	+	10.763	+	9.730	/	2	=	11.7235	196.855	14.030	SQM
G17	6.774	+	11.404	+	10.763	/	2	=	14.4705	1266.196	35.584	SQM
G18	2.059	+	9.730	+	8.993	/	2	=	10.391	80.005	8.945	SQM
G19	4.548	+	8.993	+	9.623	/	2	=	11.582	413.192	20.327	SQM
G20	9.623	+	14.654	+	21.437	/	2	=	22.857	3523.477	59.359	SQM
G21	4.715	+	8.030	+	8.433	/	2	=	10.589	343.169	18.525	SQM
G22	1.153	+	8.433	+	8.214	/	2	=	8.9	22.088	4.700	SQM
G23	5.359	+	10.172	+	10.900	/	2	=	13.2155	731.696	27.050	SQM
G28	9.038	+	20.889	+	19.743	/	2	=	24.835	7882.868	88.786	SQM
G31	1.276	+	1.529	+	2.276	/	2	=	2.5405	0.859	0.927	SQM
G32	2.302	+	16.357	+	14.539	/	2	=	16.599	118.307	10.877	SQM
G33	2.798	+	14.539	+	13.007	/	2	=	15.172	257.285	16.040	SQM
G34	2.547	+	13.007	+	12.982	/	2	=	14.268	271.196	16.468	SQM
G35	6.448	+	12.982	+	16.771	/	2	=	18.1005	1435.294	37.885	SQM
G46	22.217	+	31.537	+	36.308	/	2	=	45.031	120925.978	347.744	SQM
G47	30.020	+	36.308	+	45.443	/	2	=	55.8855	295516.501	543.614	SQM
G48	5.274	+	25.226	+	25.477	/	2	=	27.9885	4410.809	66.414	SQM
G49	1.765	+	25.188	+	25.226	/	2	=	26.0895	494.012	22.226	SQM
G50	7.657	+	30.020	+	25.477	/	2	=	31.577	7173.820	84.698	SQM
G57	1.548	+	11.826	+	11.777	/	2	=	12.5755	82.994	9.110	SQM
G58	11.777	+	13.713	+	22.246	/	2	=	23.868	4753.451	68.945	SQM
G59	3.241	+	15.033	+	13.713	/	2	=	15.9935	446.752	21.137	SQM
G60	3.646	+	22.246	+	21.014	/	2	=	23.453	1367.528	36.980	SQM
G61	3.655	+	21.014	+	21.639	/	2	=	23.154	1463.743	38.259	SQM
G62	4.959	+	21.639	+	24.680	/	2	=	25.639	2033.903	45.099	SQM
G63	15.304	+	24.680	+	31.917	/	2	=	35.9505	33742.451	183.691	SQM
									TOTAL	=	2192.637	SQM

Note :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.

2. BUILDING IS HAS AUTOMATIC SPRINKLER SYSTEM ON ALL FLOORS.

LEGEND:-

Project:

ADDITIONAL PROPOSED BUILDING PLAN OF PHASE-2 OF GROUP HOUSING COLONY FOR AN AREA MEASURING 34.0229 ACRES(LICENSE NO.246 OF 2007 DATED 29.10.2007, LICENSE NO.56 OF 2011 DATED 23.06.2011, LICENSE NO.37 OF 2012 DATED 22.04.2012, LICENSE NO.66 OF 2012 DATED 21.06.2012,LICENSE NO..67 OF 2012 DATED 21.06.2012, LICENSE NO.43 OF 2014 DATED 16.06.2014 AND LICENSE NO.44 OF 2014 DATED 16.06.2014) IN SECTOR-104, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY JUVENTUS ESTATE LTD. AND OTHERS

Associate Architects

RSMS ARCHITECTS

RSMS ARCHITECTS PVT. LTD.
69,Nora Niwas Bhawani Kunj
(Behind D2), Vasant Kunj,
New Delhi-110070.
Tel.:011-26898616,26898617
www.rsms-arch.com

This is a " PROVISIONAL APPROVED BUILDING PLAN", only for purpose of inviting objection from the general public
Architect(HQ)
Directorate of Town and Country Planning, Haryana, Chandigarh

ARCHITECT(HQ) S.T.P. C.T.P.(H) Member Secretary Member Chairman B.P.C B.P.C B.P.C

Senior Town Planner Gurgaon

(RAM AVTAR BASSI) A.D. (DALWANT SINGH) S.D.

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. SE(HQ/........Dt........

Superintending Engineer (HQ) HUDA, Panchkula.

OWNER'S SEAL & SIGNATURE

SANCTIONED
To Be Read In
Conjunction With
Memo No. 21-768(AO(RA)/2-16/2/1-A
24/7/2018

Fire Officer (H.Q.)
Urban Local Bodies Deptt.
Haryana, Panchkula

AUG.-2016.	Scale : 1:700	
Drawing Title:-		Drawing No:-
SITE PLAN (FIRE SCHEME,SEWERAGE SUPPLY STORM WATER		ST-02
RO-SUB.		HERO RESI. SEC.-104