

PARKING AREA DIAGRAM

S.NO.	DESCRIPTION	LENGTH (MTS.)	WIDTH (MTS.)	POCKET NOS.	AREA SQ.M.
p1	RECTANGLE	5.42	3.00	2	32.68
p2	RECTANGLE	3.40	3.40	4	53.63
p3	RECTANGLE	2.40	4.30	4	40.92
p4	RECTANGLE	5.10	2.20	4	55.34
p5	RECTANGLE	1.00	1.40	4	5.60
p6	RECTANGLE	1.40	1.60	4	9.78
p7	RECTANGLE	6.35	4.90	2	65.07
p8	RECTANGLE	5.40	4.30	1	23.40
p9	TRAPEZIUM	1/2 X (13.129+11.32) X 17.135		1	207.856
p10	TRAPEZIUM	1/2 X (12.18+11.23) X 8.150		1	95.404
p11	RECTANGLE	14.70	85.040	1	1213.521
p12	TRAPEZIUM	1/2 X (6.237+1.57) X 1.181		1	6.500
p13	TRIANGLE	1/2 X 6.237 X 1.246		1	3.886
p14	RECTANGLE	27.000	20.633	1	557.091
p15	TRAPEZIUM	1/2 X (18.549+27.000) X 9.237		1	210.368
p16	TRIANGLE	1/2 X 18.549 X 8.13		1	72.462
p17	TRIANGLE	1/2 X 12.519 X 2.279		1	14.265
p18	TRAPEZIUM	1/2 X (98.342+31.96) X 4.112		1	143.196
p19	TRIANGLE	1/2 X 31.96 X 3.008		1	47.084
p20	RECTANGLE	34.400	8.570	1	294.808
p21	RECTANGLE	8.573	51.182	1	438.783
p22	RECTANGLE	19.471	1.684	1	32.789
p23	TRAPEZIUM	1/2 X (19.471+11.509) X 15.035		1	232.892
p24	TRAPEZIUM	1/2 X (17.03+13.174) X 2.020		1	30.489
p25	TRAPEZIUM	1/2 X (11.509+1.671) X 18.578		1	122.429
p26	TRAPEZIUM	1/2 X (8.602+7.533) X 2.020		1	16.296
TOTAL OPEN PARKING AREA					4018.310

OPEN PARKING AREA CALCULATION					
S.NO.	DESCRIPTION	LENGTH (MTS.)	WIDTH (MTS.)	POCKET NOS.	AREA SQM.
p1	RECTANGLE	5.470	2.020	2	22.099
p2	RECTANGLE	3.840	3.480	4	53.453
p3	RECTANGLE	2.340	4.340	4	40.622
p4	RECTANGLE	5.510	2.520	4	55.541
p5	RECTANGLE	1.000	1.450	4	5.800
p6	RECTANGLE	1.470	1.680	4	9.878
p7	RECTANGLE	6.545	4.970	2	65.057
p8	RECTANGLE	5.470	4.340	1	23.740
p9	TRAPEZIUM	$1/2 \times (13.129+11.132) \times 17.135$		1	207.856
p10	TRAPEZIUM	$1/2 \times (12.181+11.231) \times 8.150$		1	95.004
p11	RECTANGLE	34.270	85.040	1	1213.521
p12	TRAPEZIUM	$1/2 \times (6.237+6.487) \times 1.131$		1	8.500
p13	TRIANGLE	$1/2 \times 6.237 \times 1.246$		1	3.886
p14	RECTANGLE	27.000	20.635	1	557.091
p15	TRAPEZIUM	$1/2 \times (18.549+27.000) \times 9.237$		1	210.368
p16	TRIANGLE	$1/2 \times 18.549 \times 9.237$		1	72.643
p17	TRIANGLE	$1/2 \times 12.519 \times 2.279$		1	14.355
p18	TRAPEZIUM	$1/2 \times (38.242+31.300) \times 4.112$		1	143.156
p19	TRIANGLE	$1/2 \times 31.306 \times 3.008$		1	47.084
p20	RECTANGLE	34.400	8.570	1	294.508
p21	RECTANGLE	8.573	51.182	1	438.783
p22	RECTANGLE	19.471	1.684	1	32.789
p23	TRAPEZIUM	$1/2 \times (19.471+11.099) \times 15.055$		1	232.892
p24	TRAPEZIUM	$1/2 \times (17.073+13.671) \times 2.020$		1	30.489
p25	TRAPEZIUM	$1/2 \times (11.509+1.471) \times 18.178$		1	122.429
p26	TRAPEZIUM	$1/2 \times (6.602+7.533) \times 2.020$		1	16.356
TOTAL OPEN PARKING AREA					4018.310

Calculation Table:

POCKET NOS.	WIDTH (MFS.)	AREA (MFS.)
1	2.020	22.089
2	3.480	53.453
3	4.022	40.622
4	2.520	55.541
5	1.450	5.800
6	1.680	9.878
7	4.970	65.067
8	23.740	23.740
9	32.321 X 17.135	207.856
10	331 X 8.150	95.404
11	85.040	1213.521
12	7 X 17.181	8.500
13	1.246	3.886
14	20.633	557.091
15	1000 X 9.237	210.368
16	7.7813	72.462
17	14.265	14.265
18	12.279	14.265
19	0.065 X 4.112	143.196
20	47.084	47.084
21	294.808	8.570
22	438.783	51.182
23	32.789	1.684
24	0.09 X 15.035	232.892
25	74 X 2.020	30.489
26	11 X 18.578	122.429
27	13 X 2.020	16.296
28	4018.310	16.296

GREEN AREA CALCULATION					
S.NO.	DESCRIPTION	LENGTH (MTRS.)	WIDTH (MTRS.)	POCKET NOS.	AREA SQM.
g16	RECTANGLE	40.148	16.000	1	642.368
g17	TRAPEZIUM	1/2 X (8.462+16.000) X 8.880		1	108.611
g18	TRIANGLE	1/2 X 8.462 X 1.933		1	8.894
g19	TRIANGLE	1/2 X 25.919 X 8.852		1	62.679
g20	TRIANGLE	1/2 X 25.919 X 5.917		1	76.681
g21	TRAPEZIUM	1/2 X (7.245+11.469) X 6.622		1	39.376
g22	TRAPEZIUM	1/2 X (11.416+23.267) X 5.578		1	110.604
g23	TRAPEZIUM	1/2 X (6.089+8.352) X 3.689		1	26.644
g24	TRAPEZIUM	1/2 X (6.626+12.302) X 8.532		1	78.342
g25	TRIANGLE	1/2 X 12.412 X 6.718		1	38.341
g26	TRAPEZIUM	1/2 X (5.344+13.053) X 18.445		1	174.923
g27	TRIANGLE	1/2 X 17.444 X 1.726		1	32.968
g28	RECTANGLE	33.068	7.950	1	262.891
g29	RECTANGLE	7.868	4.790	1	41.999
g30	RECTANGLE	7.868	0.450	1	3.541
g31	TRIANGLE	1/2 X 2.580 X 1.286		1	1.659
g32	TRIANGLE	1/2 X 2.580 X 1.584		1	2.043
g33	TRAPEZIUM	1/2 X (5.752+3.971) X 2.375		1	11.546
g34	TRAPEZIUM	1/2 X (7.905+3.495) X 1.720		1	65.197
g35	TRAPEZIUM	1/2 X (20.200+4.646) X 20.739		1	257.641
g36	TRAPEZIUM	1/2 X (7.400+4.113) X 4.400		1	25.329
g37	RECTANGLE	7.500	17.200	1	129.000
g38	TRAPEZIUM	1/2 X (5.195+23.714) X 4.210		1	102.953
g39	TRAPEZIUM	1/2 X (5.195+17.206) X 5.200		1	110.243
g40	TRIANGLE	1/2 X 17.206 X 2.330		1	20.045
g41	TRIANGLE	1/2 X 10.839 X 1.348		1	7.305
g42	TRAPEZIUM	1/2 X (7.777+6.757) X 2.900		1	21.074
g43	TRAPEZIUM	1/2 X (6.357+4.480) X 19.686		1	96.333
g44	TRAPEZIUM	1/2 X (1.430+2.129) X 2.575		1	4.582
g45	TRAPEZIUM	1/2 X (2.386+2.668) X 1.034		1	2.535
g46	TRAPEZIUM	1/2 X (32.594+25.692) X 10.014		1	291.838
g47	TRAPEZIUM	1/2 X (10.450+9.677) X 2.384		1	24.027

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s48	TRAPEZIUM	$1/2 \times (6.770 + 10.450) \times 7.233$	1	69.59
s49	RECTANGLE	2.994×6.460	1	19.341
s50	TRAPEZIUM	$1/2 \times (4.008 + 5.355) \times 5.625$	1	26.840
s51	TRIANGLE	$1/2 \times 6.657 \times 3.950$	1	10.172
s52	RECTANGLE	3.430×3.290	2	22.569
s53	RECTANGLE	24.991×4.880	1	122.068
s54	TRAPEZIUM	$1/2 \times (8.894 + 2.555) \times 14.057$	1	52.267
s55	TRIANGLE	$1/2 \times 4.838 \times 7.350$	1	6.132
s56	RECTANGLE	4.705×3.290	2	30.916
s57	RECTANGLE	50.170×4.880	1	245.331
s58	RECTANGLE	6.780×4.880	1	33.54
s59	RECTANGLE	101.851×7.350	1	753.983
s60	RECTANGLE	31.705×7.350	1	237.786
s61	RECTANGLE	7.350×11.201	1	84.006
s62	TRIANGLE	$1/2 \times 7.784 \times 4.087$	1	15.724
s63	TRIANGLE	$1/2 \times 20.866 \times 10.871$	1	113.417
s64	TRAPEZIUM	$1/2 \times (14.748 + 15.913) \times 3.000$	1	50.950
s65	TRIANGLE	$1/2 \times 3.009 \times 1.880$	1	3.392
s66	TRIANGLE	$1/2 \times 1.600 \times 0.834$	1	0.670
s67	TRAPEZIUM	$1/2 \times (4.438 + 2.975) \times 3.000$	1	10.970
s68	TRIANGLE	$1/2 \times 2.350 \times 1.329$	1	1.694
s69	TRAPEZIUM	$1/2 \times (3.675 + 8.729) \times 3.700$	1	60.159
TOTAL				4854.411
LESS AREA				
s101	RECTANGLE	6.150×3.900	1	23.985
TOTAL GREEN AREA = 4854.411 - 23.985 =				4830.426

PODIUM AREA CALCULATION						
S.NO.	DESCRIPTION	LENGTH (MTRS.)	WIDTH (MTRS.)	POCKET NOS.	AREA SQM.	
#1	RECTANGLE	2.435	1.675	6	24.372	
#2	RECTANGLE	2.105	1.455	6	18.377	
#3	RECTANGLE	4.970	4.995	3	74.725	
#4	RECTANGLE	2.760	2.600	3	21.528	
#5	RECTANGLE	4.810	1.555	3	20.986	
#6	RECTANGLE	9.100	2.400	3	65.520	
#7	RECTANGLE	2.400	0.550	6	7.920	
#8	RECTANGLE	1.250	1.375	5	8.681	
#9	RECTANGLE	2.520	7.685	5	96.357	
#10	RECTANGLE	4.340	4.155	5	90.184	
#11	RECTANGLE	3.480	6.555	5	98.337	
#12	RECTANGLE	2.020	7.285	5	73.579	
#13	TRAPEZIUM	1/2 X (3.385+8.224) X 4.024		1	21.345	
#14	TRIANGLE	1/2 X 2.385 X 1.115		1	1.330	
#15	TRIANGLE	1/2 X (3.390+1.155) X 11.997		1	26.903	
#16	TRIANGLE	40.148 X 15.000		1	642.368	
#17	TRAPEZIUM	1/2 X (6.462+16.000) X 6.880		1	108.611	
#18	TRIANGLE	1/2 X 8.462 X 1.893		1	5.894	
#19	TRIANGLE	1/2 X 25.919 X 4.352		1	62.879	
#20	TRIANGLE	1/2 X 25.919 X 9.917		1	76.681	
#21	TRAPEZIUM	1/2 X (3.045+11.410) X 3.622		1	33.976	
#22	TRAPEZIUM	1/2 X (11.416+23.267) X 6.378		1	110.604	
#23	TRAPEZIUM	1/2 X (6.089+8.352) X 3.690		1	26.644	
#24	TRAPEZIUM	1/2 X (6.500+12.310) X 8.352		1	79.952	
TOTAL PODIUM AREA						1798.515

PODIUM AREA CALCULATION						
S.NO.	DESCRIPTION	LENGTH (MTRS.)	WIDTH (MTRS.)	POCKET NOS.	AREA SQM.	
#1	RECTANGLE	2.435	1.675	6	24.372	
#2	RECTANGLE	2.105	1.455	6	18.377	
#3	RECTANGLE	4.970	4.995	3	74.725	
#4	RECTANGLE	2.760	2.600	3	21.528	
#5	RECTANGLE	4.810	1.555	3	20.986	
#6	RECTANGLE	9.100	2.400	3	65.520	
#7	RECTANGLE	2.400	0.550	6	7.920	
#8	RECTANGLE	1.250	1.375	5	8.681	
#9	RECTANGLE	2.520	7.685	5	96.357	
#10	RECTANGLE	4.340	4.155	5	90.184	
#11	RECTANGLE	3.480	6.555	5	98.337	
#12	RECTANGLE	2.020	7.285	5	73.579	
#13	TRAPEZIUM	$1/2 \times (3.385+8.224) \times 4.024$		1	21.345	
#14	TRIANGLE	$1/2 \times 2.385 \times 1.115$		1	1.330	
#15	TRIANGLE	$1/2 \times (3.390+1.155) \times 11.997$		1	26.903	
#16	TRIANGLE	40.148 X 15.000		1	642.368	
#17	TRAPEZIUM	$1/2 \times (6.462+16.000) \times 8.880$		1	108.611	
#18	TRIANGLE	$1/2 \times 8.462 \times 1.893$		1	5.894	
#19	TRIANGLE	$1/2 \times 25.919 \times 4.352$		1	62.879	
#20	TRIANGLE	$1/2 \times 25.919 \times 9.917$		1	76.681	
#21	TRAPEZIUM	$1/2 \times (3.345+11.410) \times 3.622$		1	33.976	
#22	TRAPEZIUM	$1/2 \times (11.416+23.267) \times 6.378$		1	110.604	
#23	TRAPEZIUM	$1/2 \times (6.089+8.352) \times 3.690$		1	26.644	
#24	TRAPEZIUM	$1/2 \times (6.500+12.310) \times 8.352$		1	79.952	
TOTAL PODIUM AREA						
					1798.515	

	AREA	AREA	AREA
TRAPEZIUM	1/2 X (11.416+23.267) X 6.378	110.604	1
TRAPEZIUM	1/2 X (6.089+8.352) X 3.690	26.644	1
TRAPEZIUM	1/2 X (6.620+12.310) X 8.352	79.052	1
TOTAL PODIUM AREA		1798.515	

PODIUM PARKING AREA = TOTAL PODIUM AREA - s101
= 1798.515 - 23.985
= 1774.530 SQ. M.

PODIUM PARKING AREA = TOTAL PODIUM AREA - s101
= 1798.515 - 23.985
= 1774.530 SQ.M.

GREEN AREA DIAGRAM

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PROJECT TITLE
PROPOSED BUILDING PLANS OF AFFORDABLE GROUP HOUSING COLONY ON LAND MEASURING 5.7875 ACRES (LICENSE NO. 43 OF 2021) IN THE REVENUE ESTATE OF VILLAGE ULLAMAS SECTOR 52, DIST. PUDUCHOTTAI, PUDUCHOTTAI DISTRICT, PUDUCHOTTAI TERRITORY. THE PROJECT IS BEING DEVELOPED BY SYNERGYSHINING INFRA LLP IN COLLABORATION WITH GULMOHAR FINANCE LTD.

SERVICES CONSULTANT

KCS

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ARCHITECT'S SIGNATURE Adrian F.

OWNER'S SIGNATURE For S. Sparden

DRAWING TITLE (SUBMISSION DRAWING) GREEN & PARKING AREAS FOR THE STATION		DRG. NO.
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SCALE - 1:300 @A0	DATE - DEC. 2021
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