PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Green AREA CALCULATION

Type	Quantity	Shape	Formula	Detail		Calculation Each area in sqm
1	1	Rectangle	LxB	41.910	12.330	516.75
2	1	Rectangle	LxB	16.295	2.335	38.05
3	1	Rectangle	LxB	7.07	10.750	76.00
4	1	Rectangle	LxB	11.940	10.750	128.355
5	1	Rectangle	LxB	6.35	14.500	92.075
6	1	Rectangle	LxB	35.610	19.830	706.15
7	1	Rectangle	LxB	5.375	7.070	38.00
8	1	Rectangle	LxB	10.750	7.070	76.00
9	1	Rectangle	LxB	9.375	6.800	63.75
10	1	Rectangle	LxB	10.000	3.200	32.00
11	1	Rectangle	LxB	4.000	15.100	60.40
12	1	Rectangle	LxB	5.510	3.400	18.73
13	1	Rectangle	LxB	9.375	9.90	92.81
14	1	Rectangle	LxB	10.750	9.30	99.975
15	1	Rectangle	LxB	35.41	10.60	375.35
16	1	Rectangle	LxB	62.915	6.000	377.49
17	1	Rectangle	LxB	2.225	7.215	16.05
18	11	Rectangle	LxB	5.750	3.765	238.14
19	4	Rectangle	LxB	5.750	7.215	165.945
20	2	Rectangle	LxB	2.950	7.215	42.57
Total Green Area						3254.59

Total Ground Coverage Area Statement in SQM Tower -1 to 7 & Commercial

s.no	tower name	ground coveage each tower	no of tower	total area
1	tower 1 to 4	532.651	4	2130.604
2	tower 5 to 7	443.813	3	1331.439
3	AANGANWADI	190.000	1	190.000
4	Community	360.000	1	360.000
5	Commercial 1	460.226	1	460.226
4	Commercial 2	371.718	1	371.718
		TOTAL		4843.987

residential zone

Non FAR Area Detail

Name	Location	Area (SQM)
Tower-1	Stilt Floor	483.61
Tower-2	Stilt Floor	483.61
Tower-3	Stilt Floor	483.61
Tower-4	Stilt Floor	483.61
Tower-5	Stilt Floor	391.322
Tower-6	Stilt Floor	391.322
Tower-7	Stilt Floor	391.322
Tower-1 to4	Terrace Mumty/Mac. 56.926x4	227.704
Tower-5 to7	Terrace Mumty/Mac. 61.061X3	183.183
Total		3519.293

Calculation For F.A.R

Floor	Type-A & A' (3&2BHK) Tower-1x1 S+14 (SQM)		Type-A & A' (3&2BHK) Tower-2x1 S+14 (SQM)		Type-A & A' (3&2BHK) Tower-3x1 S+14 (SQM)		Type-A & A' (3&2BHK) Tower-4x1 S+14 (SQM)		Type-B,B1& B2 (2BHK) Tower-5x1 S+14 (SQM)		Type-B,B1& B2 (2BHK) Tower-6x1 S+14 (SQM)		Type-B,B1& B2 (2BHK) Tower-7x1 S+6 (SQM)		Total
Stilt Floor		49.041		49.041		49.041		49.041		52.491		52.491		52.491	353.637
1st. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	423.897 x 1	423.897	3327.863
2nd. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	423.897 x 1	423.897	3327.863
3rd. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	423.897 x 1	423.897	3327.863
4th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	423.897 x 1	423.897	3327.863
5th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	423.897 x 1	423.897	3327.863
6th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	423.897 x 1	423.897	3327.863
7th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
8th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
9th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
10th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
11th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
12th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
13th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
14th. Floor	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	514.043 X 1	514.043	423.897 x 1	423.897	423.897 x 1	423.897	-	-	2903.966
Total		7245.643		7245.643		7245.643		7245.643		5987.049		5987.049		2595.873	43552.543

MAIN STAIR CASE VENTILATION IN BLOCK-B, Tower 5,6&7 is. MECHANICAL VENTILATION PROVIDE

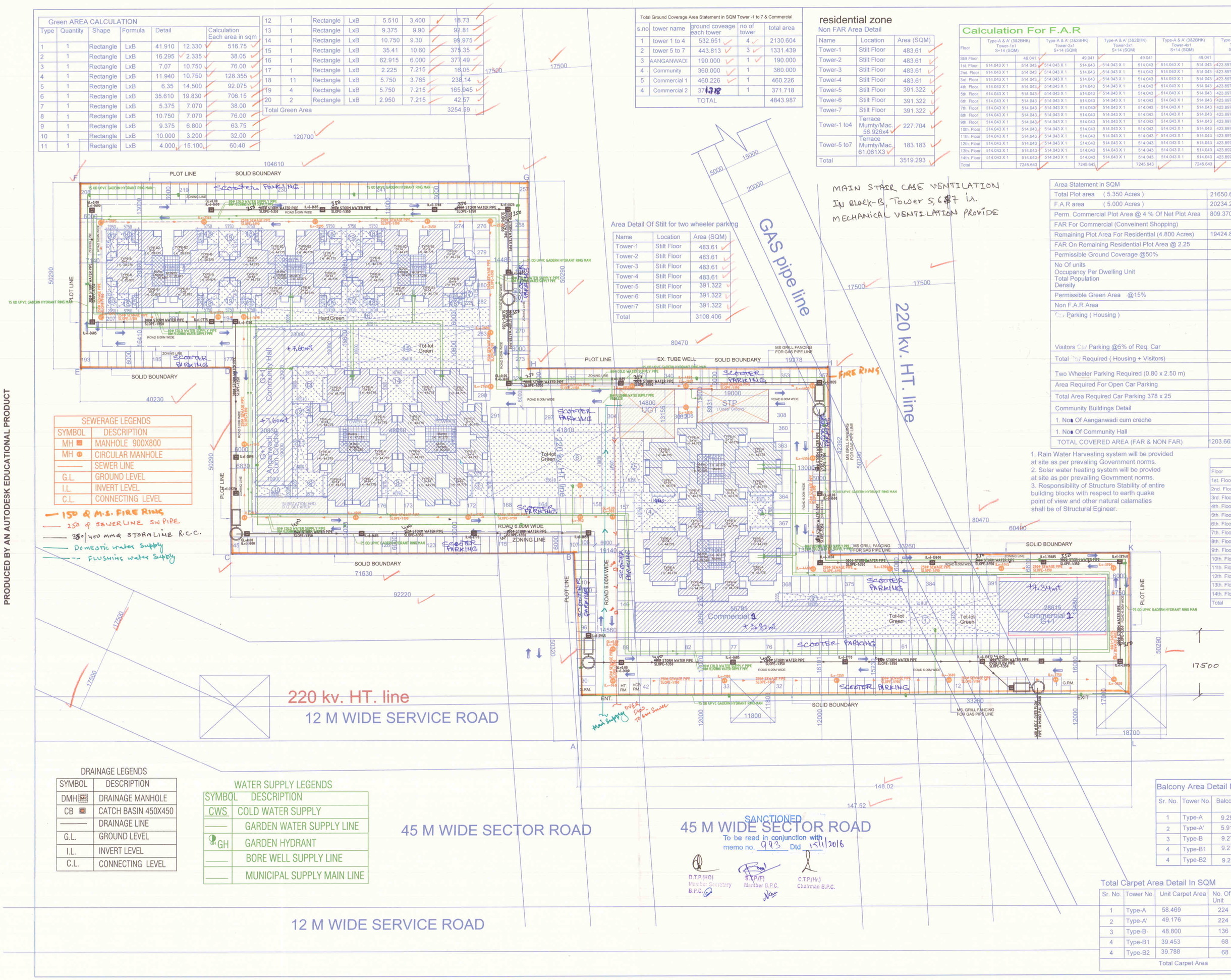
Area Statement in SQM

Area Statement in SQM	Permissible Area		Proposed Area	%
Total Plot area (5.350 Acres)	21650.650 Sqm			
F.A.R area (5.000 Acres)	20234.250 Sqm			
Perm. Commercial Plot Area @ 4 % Of Net Plot Area	809.370 Sqm			
FAR For Commercial (Conveinent Shopping)		1416.397 Sqm	1203.662 Sqm	16.71
Remaining Plot Area For Residential (4.800 Acres)	19424.880 sqm			
FAR On Remaining Residential Plot Area @ 2.25		43705.980 Sqm	43552.543	2.242
Permissible Ground Coverage @50%		10117.125 Sqm	4843.987	23.939
No Of units Occupancy Per Dwelling Unit Total Population Density	5 3600 - 4320 750 - 900 PPA		720 Units 5 Per unit 3600 Persons 750 PPA	
Permissible Green Area @15%		3035.137 Sqm	3254.59	16.08
Non F.A.R Area			3519.293 Sqm	
Car Parking (Housing)		0.50 ECS Per Du's Unit But only Two Wheeler Parking As Per App. Zoining Plan 720X0.5 = 360 Cars equivalent space		
Visitors Car Parking @5% of Req. Car		360 x 5% = 18 equivalent space		
Total Car Required (Housing + Visitors)		360 + 18 = 378 equivalent car space	391 equivalent car space	
Two Wheeler Parking Required (0.80 x 2.50 m)		1 Per Du's 720 Two Wheeler	720 Two Wheeler	
Area Required For Open Car Parking		25 Sqm P/Car		
Total Area Required Car Parking 378 x 25		9450 Sqm	9750.31 Sqm	
Community Buildings Detail				
1. No. Of Aanganwadi cum creche		186.000 Sqm	380.000 Sqm	
1. No. Of Community Hall		186.000 Sqm	720.000 Sqm	
TOTAL COVERED AREA (FAR & NON FAR)	1203.662+43552.543+3519.293+380.00+720.00		49375.498 Sqm	

1. Rain Water Harvesting system will be provided at site as per prevailing Government norms.
2. Solar water heating system will be provided at site as per prevailing Govrnment norms.
3. Responsibility of Structure Stability of entire building blocks with respect to earth quake point of view and other natural calamaties shall be of Structural Egineer.

	Tower-1		Tower-2		Tower-3		Tower-4		Tower-5		Tower-6		Tower-7		
Floor	A	A'	A	A'	A	A'	A	A'	B	B'	B	B'	B	B'	Total
1st. Floor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56 Du's
2nd. Floor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56 Du's
3rd. Floor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56 Du's
4th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56 Du's
5th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56 Du's
6th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56 Du's
7th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
8th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
9th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
10th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
11th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
12th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
13th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
14th. Floor	4	4	4	4	4	4	4	4	4	4	4	4	-	-	48 Du's
Total	56	56	56	56	56	56	56	56	56	56	56	56	24	24	720 Du's

MAIN STAIRCASE VENTILATION IN TOWER 5,6 & 7 MECHANICAL VENTILATION PROVIDED (BLOCK B)



Area Detail Of Stilt for two wheeler parking

Name	Location	Area (SQM)
Tower-1	Stilt Floor	483.61
Tower-2	Stilt Floor	483.61
Tower-3	Stilt Floor	483.61
Tower-4	Stilt Floor	483.61
Tower-5	Stilt Floor	391.322
Tower-6	Stilt Floor	391.322
Tower-7	Stilt Floor	391.322
Total		3108.406

SEWERAGE LEGENDS

SYMBOL	DESCRIPTION
MH	MANHOLE 900X800
MH	CIRCULAR MANHOLE
	SEWER LINE
G.L.	GROUND LEVEL
I.L.	INVERT LEVEL
C.L.	CONNECTING LEVEL

— 150 & M.S. FIRE RING
— 150 ø SEWERLINE SW PIPE
— 350/400 mmø STORMLINE R.C.C.
— Domestic water Supply
-- FLUSHING water Supply

DRAINAGE LEGENDS

SYMBOL	DESCRIPTION
DMH	DRAINAGE MANHOLE
CB	CATCH BASIN 450X450
	DRAINAGE LINE
G.L.	GROUND LEVEL
I.L.	INVERT LEVEL
C.L.	CONNECTING LEVEL

WATER SUPPLY LEGENDS

SYMBOL	DESCRIPTION
CWS	COLD WATER SUPPLY
	GARDEN WATER SUPPLY LINE
GH	GARDEN HYDRANT
	BORE WELL SUPPLY LINE
	MUNICIPAL SUPPLY MAIN LINE

Balcony Area Detail In SQM

Sr. No.	Tower No.	Balcony Area
1	Type-A	9.29 Sqm
2	Type-A'	5.91 Sqm
3	Type-B	9.275 Sqm
4	Type-B1	9.212 Sqm
4	Type-B2	9.212 Sqm

Total Carpet Area Detail In SQM

Sr. No.	Tower No.	Unit Carpet Area	No. Of Unit	Total Area
1	Type-A	58.469	224	13097.056
2	Type-A'	49.176	224	11015.424
3	Type-B-	48.800	136	6636.800
4	Type-B1	39.453	68	2682.804
4	Type-B2	39.788	68	2705.584
Total Carpet Area				36137.668

SANCTIONED
To be read in conjunction with memo no. 993 Dtd 15/11/2016

D.T.P.(HQ) Member Secretary B.P.C. | S.T.P.(T) Member B.P.C. | C.T.P.(Hr.) Chairman B.P.C.

JOB TITEL
AFFORDABLE GROUP HOUSING SCHEME FOR SECTOR-70 FARIDABAD HARYANA
M/s AGRASAIN SPACES LLP.

Architects
AAKRITI CONSTRUCTION CONSULTANT
Architects , Engineers & Int. Designers
Flat No. 114 , Sector-2 , Pocket-7
Rohini New Delhi -110085
PH. NO:- 0-9212209774 , 0-9999104030

SHEET TITLE
SITE PLAN & LANDSCAPE PLAN

north

drg.no 01

scale 1:400

nov.-2015

Owners Sign.
For AGRASAIN SPACES LLP
Auth. Signatory

Architects Sign.
AVINASH CHANDRA
Architect No. CA/-/92006
Flat No. 114, Sector-2, Pocket-7, Rohini, Delhi-85

Checked by Commd ok for Public Health
Checked by Subject to comments in Vide letter No. SE/HQ/O.A. dt. 31/1/2016
Superintending Engineer-II(O) HUDA, Panchkula

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT