TYPE	FLOORS	NO. OF FLOOR	AREA IN SQM.	FAR OF TYPICAL FLOORS	TOTAL FAR OF ALL TOWERS/ BLOCKS	BUILT-UP AREA	BUILT-UP AREA OF TYPICAL FLOORS	TOTAL BUILT-UP AREA OF ALL TOWERS/ BLOCKS	GROUND COVERAGE OF ALL TOWERS	NON FAR AREA OF SPLIT (ALL TOWER)	NO. OF UNITS IN ALL TOWERS	NO. OF SERVANT ROOMS IN ALL TOWERS	NO. OF FLOORS
BLOCK-A	GROUND FLOOR	1	237.919	237.919	8094.580	435.584	435.584	8292.245	435.584	197.665	40	-	G+21
	1ST to 19th FLOOR	19	393.12	7469.280		393.12	7469.280						
	20th FLOOR	1	205.430	205.430		205.430	205.430						
	21st FLOOR	1	181.949	181.949		181.949	181.949						
Block-B	GROUND FLOOR	1	62.568	62.568	7919.229	537.176	537.176	8393.837	537.176	474.608	39	-	G+21
	1ST to 19th FLOOR	19	393.12	7469.280		393.12	7469.280						
	20th FLOOR	1	205.430	205.430		205.430	205.430						
	21st FLOOR	1	181.949	181.949		181.949	181.949						
Block-C	GROUND FLOOR	1	237.919	237.919	8094.580	435.584	435.584	8292.245	435.584	197.665	40	-	G+21
	1ST to 19th FLOOR	19	393.12	7469.280		393.12	7469.280						
	20th FLOOR	1	205.430	205.430		205.430	205.430						
	21st FLOOR	1	181.949	181.949		181.949	181.949						
BLOCK-D	GROUND FLOOR	1	223.890	223.890	3876.487	418.450	418.450	4129.067	418.450	194.560	20	16	G+10
	1ST to 9th FLOOR	8	372.358	2978.864		378.76	3030.080						
	9th FLOOR	1	341.818	341.818		348.22	348.220						
	10th FLOOR	1	325.915	325.915		332.317	332.317						
BLOCK-E	GROUND FLOOR	1	276.452	276.452	5785.187	514.593	514.593	6023.328	514.593	238.141	23	-	G+12
	1ST to 8th FLOOR	8	470.279	3762.232		470.279	3762.232						
	9th & 10th FLOOR	2	471.144	942.288		471.144	942.288						
	11th FLOOR	1	412.639	412.639		412.639	412.639						
	12th FLOOR	1	391.576	391.576		391.576	391.576						
BLOCK-F	GROUND FLOOR	1	224.755	224.755	3945.075	418.005	418.005	4252.345	418.005	193.250	21	-	G+10
	1ST to 10th FLOOR	10	372.030	3720.300		378.434	3784.340						
BLOCK-G	GROUND FLOOR	1	277.317	277.317	5786.952	514.593	514.593	6023.328	514.593	237.876	23	-	G+12
	1ST to 8th FLOOR	8	470.279	3762.232		470.279	3762.232						
	9th & 10th FLOOR	2	471.144	942.288		471.144	942.288						
	11th FLOOR	1	412.639	412.639		412.639	412.639						
	12th FLOOR	1	391.576	391.576		391.576	391.576						
BLOCK-H	GROUND FLOOR	1	223.890	223.890	3876.487	418.450	418.450	4129.067	418.450	194.560	20	16	G+10
	1ST to 8th FLOOR	8	372.358	2978.864		378.76	3030.080						
	9th FLOOR	1	341.818	341.818		348.22	348.220						
	10th FLOOR	1	325.915	325.915		332.317	332.317						
BLOCK-J	GROUND FLOOR	1	291.846	291.846	5190.436	545.981	545.981	5444.571	545.981	254.135	21	-	G+10
	1ST to 10th FLOOR	10	489.859	4898.590		489.859	4898.590						
BLOCK-K	GROUND FLOOR	1	292.484	292.484	5152.464	546.126	546.126	5406.106	546.126	253.642	21	-	G+10
	1ST to 10th FLOOR	10	485.998	4859.980		485.998	4859.980						
BLOCK-L	GROUND FLOOR	1	277.317	277.317	5781.272	514.593	514.593	6018.548	514.593	237.276	23	-	G+12
	1ST to 10th FLOOR	10	469.974	4699.740		469.974	4699.740						
	11th FLOOR	1	412.639	412.639		412.639	412.639						
	12th FLOOR	1	391.576	391.576		391.576	391.576						
BLOCK-M	GROUND FLOOR	1	296.797	296.797	5156.377	546.774	546.774	5406.354	546.774	249.977	21	-	G+10
	1ST to 10th FLOOR	10	485.958	4859.580		485.958	4859.580						
EWS	GROUND FLOOR	1	81.113	81.113	1463.648	466.065	466.065	1848.600	466.065	384.952	55	-	G+5
	1ST to 4th FLOOR	4	319.806	1279.224		319.806	1279.224						
	5th FLOOR	1	103.311	103.311		103.311	103.311						
RETAIL	GROUND FLOOR	1	202.209	202.209	202.209	202.209	202.209	202.209	-	-	-	-	-
COMMUNETY BUILDING-1	GROUND FLOOR	1	384.978	384.978	384.978	384.978	384.978	384.978	-	-	-	-	-
COMMUNETY BUILDING-2	GROUND FLOOR	1	115.642	115.642	115.642	115.642	115.642	115.642	-	-	-	-	-
GUARD ROOM	-	-	-	-	-	-	-	8.000	-	-	-	-	-
METER & ISOLATOR ROOM	-	-	-	-	-	-	-	28.344	-	-	-	-	-
UPPER BASEMENT	-	-	-	-	-	-	-	23236.432	-	-	-	-	-
LOWER BASEMEN	-	-	-	-	-	-	-	12616.613	-	-	-	-	-
					70812.743	-	-	108261.859	6311.974	3307.787	367	32	-

TOTAL SITE AREA = 10.43125 Acres
AREA OF SITE AS PER ZONING = 10.0016 Acres or 40468.7496 Sqm.
PERMISSIBLE F.A.R. (@175) = 70831.3018 Sqm.
FAR ACHIEVED = 70812.743 Sqm. OR 70812.743 / 40468.7496 = 174.91%

PERMISSIBLE GROUND COVERAGE @35% = 14168.241 Sqm. OR 14168.241 / 40468.7496 = 35%
PROPOSED GROUND COVERAGE = 6311.974 Sqm. OR 6311.974 / 40468.7496 = 15.59%

PERMISSIBLE AREA OF CONVENIENT SHOPPING @ 0.5% = 0.5/175 x 70831.3018 = 202.374 sqm.
PROPOSED AREA OF CONVENIENT SHOPPING = 202.209 OR 202.209/70831.3018 = 0.49%

PERMISSIBLE DENSITY = 100 TO 200 PPA
PROSSED DENSITY = 1734 / 10.0016 = 173.372 PPA

REQUIRED PUBLIC AMENITIES

REQUIRED EWS UNITS = 15% OF TOTAL UNITS (NAN+EWS) = 15% / 100 x 367 = 55.05 TO SAY 55 NOS.
PROPOSED EWS UNITS = 55 NOS. OR 55/367 = 15.0%
REQUIRED SERVANT ROOMS = 10% OF MAIN UNITS = 10% / 100 x 312 = 31.2 TO SAY 32 NOS.
PROPOSED SERVANT ROOMS = 32 NOS. OR 32/312 = 10.26%

POPULATION CALCULATION

MAIN UNITS = 312 X 5 = 1560
EWS = 55 X 2 = 110
SERVANTS = 32 X 2 = 064
TOTAL = 1734

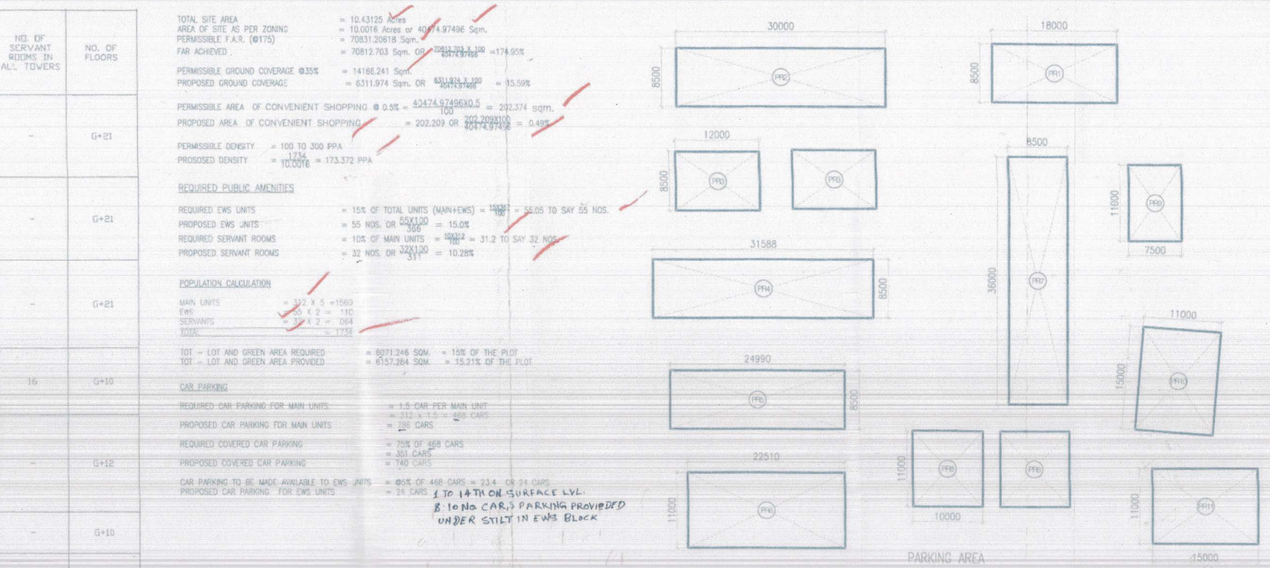
TOT. - LOT AND GREEN AREA REQUIRED = 6071.248 SQM. = 15% OF THE PLOT
TOT. - LOT AND GREEN AREA PROVIDED = 6157.284 SQM. = 15.21% OF THE PLOT

CAR PARKING

REQUIRED CAR PARKING FOR MAIN UNITS = 1.5 CAR PER MAIN UNIT = 312 x 1.5 = 468 CARS
PROPOSED CAR PARKING FOR MAIN UNITS = 200 CARS
REQUIRED COVERED CAR PARKING = 70% OF 468 CARS = 327.6 CARS
PROPOSED COVERED CAR PARKING = 140 CARS
CAR PARKING TO BE MADE AVAILABLE TO EWS UNITS = 40% OF ARE CARS = 131.04 OR 132 CARS
PROPOSED CAR PARKING FOR EWS UNITS = 24 CARS

E.W. PARKING AT GROUND LEVEL & 10 NO CARS PARKING PROVIDED UNDER STILT IN EWS BLOCK

PROPOSED CAR PARKING	
SURFACE	46
STILT	83
LOWER BASEMENT	252
UPPER BASEMENT	463
TOTAL	786



ADDITION - PR									
PR1	=	1	X	18.000	X	8.500	=	153.000	Sqm.
PR2	=	1	X	30.000	X	8.500	=	255.000	Sqm.
PR3	=	2	X	12.000	X	8.500	=	204.000	Sqm.
PR4	=	1	X	31.588	X	8.500	=	268.498	Sqm.
PR5	=	1	X	24.990	X	8.500	=	212.415	Sqm.
PR6	=	1	X	22.510	X	11.000	=	247.610	Sqm.
PR7	=	1	X	8.500	X	36.000	=	306.000	Sqm.
PR8	=	2	X	10.000	X	11.000	=	220.000	Sqm.
PR9	=	1	X	7.500	X	11.000	=	82.500	Sqm.
PR10	=	1	X	11.000	X	15.000	=	165.000	Sqm.
PR11	=	1	X	15.000	X	11.000	=	165.000	Sqm.
						TOTAL	=	2279.023	Sqm.

TOTAL PARKING AREA = ADDITION (PR) = 2279.023 SQM
CAPACITY OF CAR PARKING ON SURFACE = 2279.023/25 = 91.160 OR SAY 160 CARS

ADDITION - G								
g1	=	4.000	X	2.000	=	#####	Sqm.
				TOTAL	=	#####	Sqm.

AREA OF GUARD ROOM = ADDITION (G) = 8.000 SQM

ADDITION - M							
m1	=	3.230	X	3.460	=	11.182	Sqm.
m2	=	3.460	X	4.960	=	17.162	Sqm.
				TOTAL	=	28.344	Sqm.

AREA OF METER & ISOLATOR ROOM = ADDITION (M) = 28.344 SQM

ADDITION - GR								
gr1	=	1	X	59.677	X	47.050	=	2807.803	Sqm.
gr2	=	1	X	71.685	X	48.735	=	3349.483	Sqm.
						TOTAL	=	6157.284	Sqm.

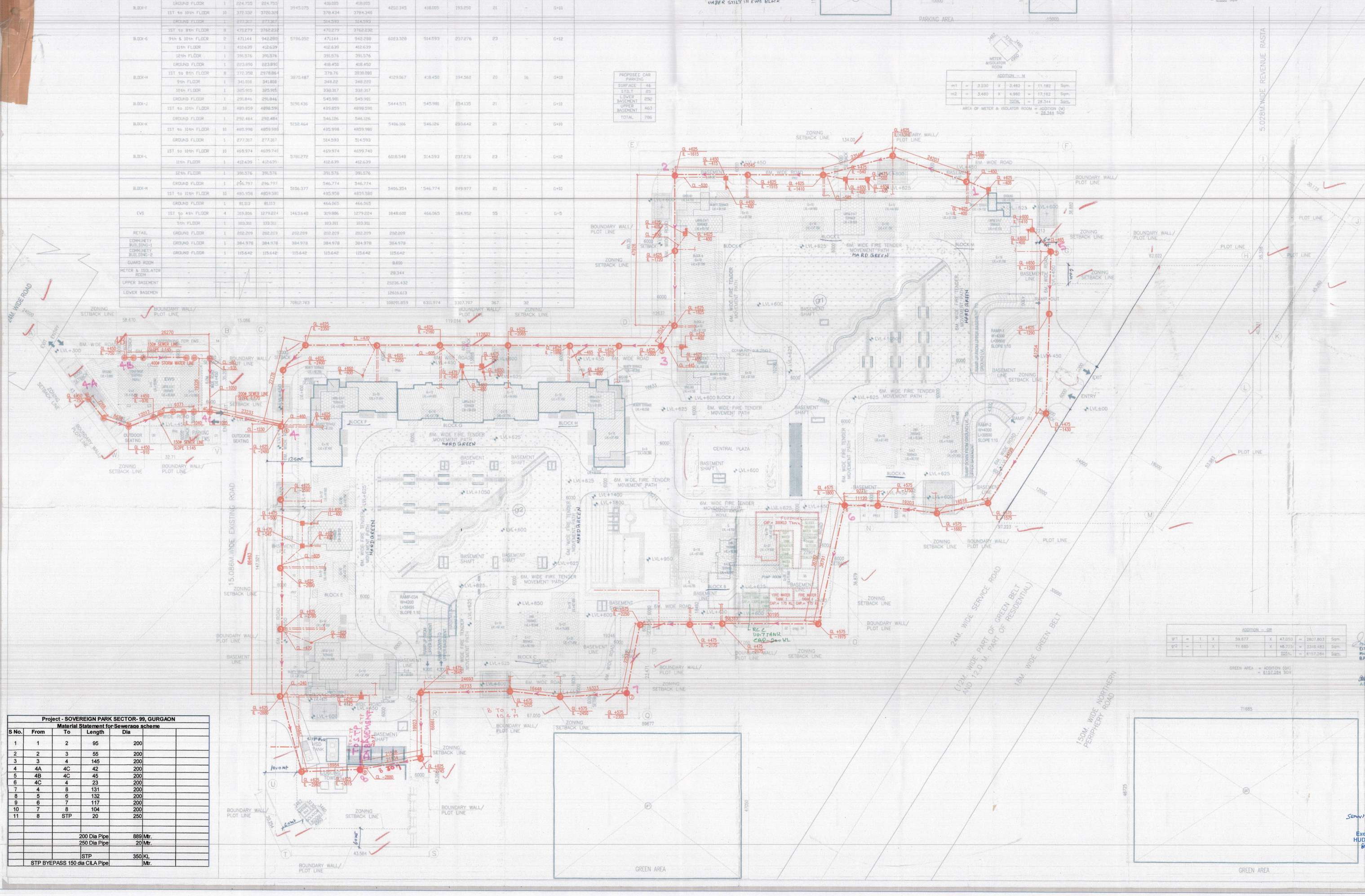
GREEN AREA = ADDITION (GR) = 6157.284 SQM

Note :-

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

2. TOILETS WILL NATURAL VENTILATION WILL HAVE MECHANICAL VENTILATION

LEGEND :-



Project - SOVEREIGN PARK SECTOR- 99, GURGAON
Material Statement for Sewerage scheme

S No.	From	To	Length	Dia		
1	1	2	95	200		
2	2	3	55	200		
3	3	4	145	200		
4	4A	4C	42	200		
5	4B	4C	45	200		
6	4C	4	23	200		
7	4	8	131	200		
8	5	6	132	200		
9	6	7	117	200		
10	7	8	104	200		
11	8	STP	20	250		
			200 Dia Pipe	889	Mtr.	
			250 Dia Pipe	20	Mtr.	
			STP	350	KL.	
	STP BYEPASS 150 dia CILA Pipe				Mtr.	

Project: PROPOSED GROUP HOUSING MEASURING 10.43125 ACRES (LICENCE NO. 65 OF 2013 DATED 20-07-2013) & (LICENCE NO. 119 OF 2012 DATED 06.12.2012) IN SECTOR-99, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY PLANET EARTH ESTATES PVT. LTD.

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

Checked by: Approved by: 12/5/14

DTP Man. | Secretary | Member B.P.C. | Chairman B.P.C.

ARCHITECT'S SEAL & SIGNATURE | OWNER'S SEAL & SIGNATURE

For Planet Earth Estates Pvt. Ltd.
Authorised Signatory

DECEMBER 2014 | Scale : 1:400

Sewerage & Storage Plan

Executive Engineer
HUDA Division No. III
Gurugram

SITE PLAN | Drawing No:- ST-06

SEWRAGE SCHEME

SITE PLAN | VATIKA - SOVEREIGN PARK