

PERMISSIBLE NORMS OF DEVELOPMENT OF PLOT AREA= 408545.00 SQ.MT.			
DESCRIPTION	PERCENTAGE(%)	AREA(SQ.MT.)	PERCENTAGE(%)
A) RESIDENTIAL(PLOTTED/FLATTED)	MAX.	55%	224699.75
B) COMMERCIAL	MAX.	5%	20427.25
C) INSTITUTIONAL & FACILITIES	MIN.	5%	20427.25
D) ROADS, PARK AND OPEN SPACES	MIN.	35%	142990.75
TOTAL SITE AREA		100%	408545.000

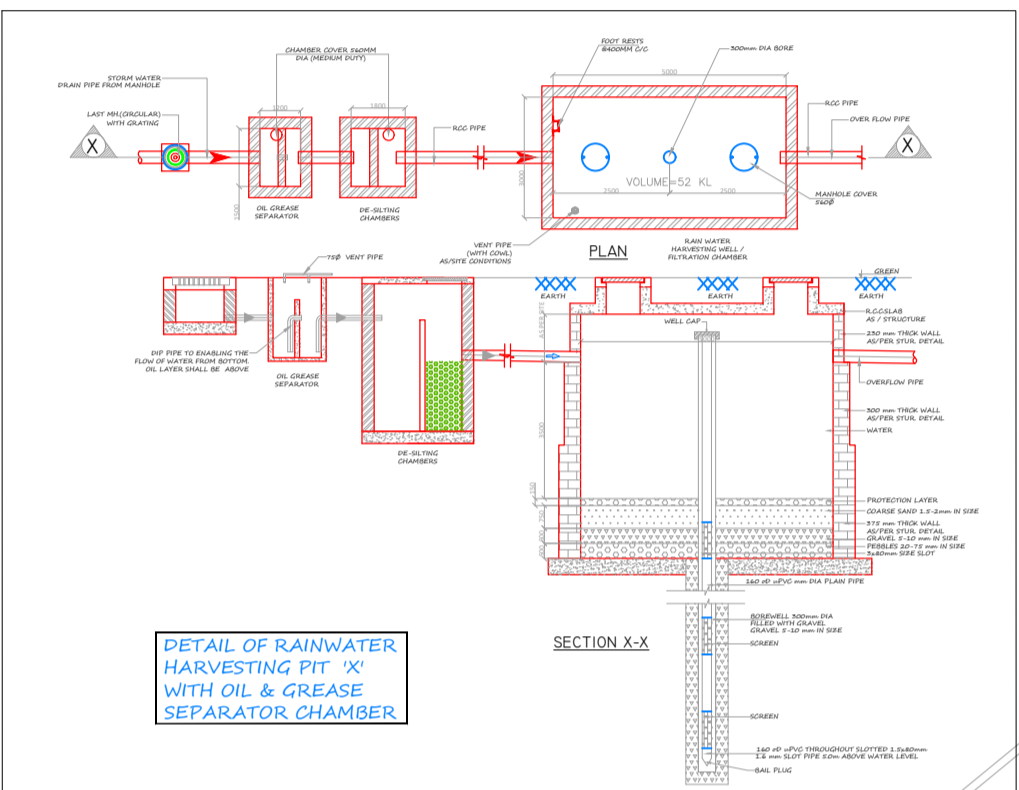
PROPOSED LANDUSE DISTRIBUTION				
DESCRIPTION	AREA(SQ.MT.)	PERCENTAGE(%)		
A) RESIDENTIAL(PLOTTED/FLATTED)				
PLOTTED	95,361.329	2,09,810.368	51.36%	
GROUP HOUSING-01	58,651.226			
GROUP HOUSING-02	55,797.813			
COMMERCIAL-01	17,354.50	20,354.50	4.98%	
COMMERCIAL-02	1,000.00			
COMMERCIAL-03	1,000.00			
COMMERCIAL-04	1,000.00			
C) INSTITUTIONAL & FACILITIES	22,500.00	22,500.00	5.51%	
D) ROADS, PARK AND OPEN SPACES	1,55,880.13			1,55,880.13
LANDSCAPE	61,290.000	15.00%		
ROADS & OPEN	94,590.132	23.15%		
TOTAL SITE AREA (A+B+C+D)	4,08,545.00	100.0%		

PROPOSED DEVELOPMENT				
DESCRIPTION	AREA(SQ.MT.)	TOTAL AREA(SQ.MT.)	PERCENTAGE(%)	
A) RESIDENTIAL(PLOTTED/FLATTED)				
PLOTTED	95,361.329	2,09,810.368	51.36%	
FLATTED GROUP HOUSING-01	58,651.226			
FLATTED GROUP HOUSING-02	55,797.813			
COMMERCIAL-01	17,354.50	20,354.50	4.98%	
COMMERCIAL-02	1,000.00			
COMMERCIAL-03	1,000.00			
COMMERCIAL-04	1,000.00			
C) INSTITUTIONAL & FACILITIES	22,500.00	22,500.00	5.51%	
INST.-01	1 SR. SECONDARY, 2 PRIMARY, 2 NURSERY SCHOOL & 1 CRECHE			15,000.00
INST.-02	DISPENSARY			2,000.00
INST.-03	MILK & VEGETABLE BOOTH			400.00
INST.-04	ELECTRIC SUBSTATION			600.00
INST.-05	AUTO TAXI STAND			500.00
INST.-06	NURSING HOME			3,000.00
D) ROADS, PARK AND OPEN SPACES	1,55,880.13	1,55,880.13	38.15%	
LANDSCAPE	61,290.000			15.00%
ROADS & OPEN	94,590.132			23.15%
TOTAL AREA	4,08,545.00	100.00%		

SOCIAL AND PHYSICAL INFRASTRUCTURE BASED ON RESIDENTIAL POPULATION						
S.NO.	USE PREMISES	SERVICE POPULATION PER UNIT	UNIT FOOT AREA (SQ.MT.)	REQUIREMENT	PROPOSED FACILITIES	PERSON
A)	EDUCATION					
	CRICHER DAY CARE	5000-7500	1000	0.960	1	1000
	NURSERY SCHOOL	5000-7500	1000	3.200	3	3000
	PRIMARY SCHOOL	7500-15000	2000	1.600	2	4000
	SENIOR SECONDARY SCHOOL	15000-25000	8000	0.36	1	8000
B)	HEALTH					
	DISPENSARY	7500-15000	1000	1.600	2	2000
	NURSING HOME	5000-7500	1000	3.200	3	3000
C)	SHOPPING					
	CONVENIENT SHOPPING CENTRE	7500-15000	5000	1.600	2	10000
D)	OTHER COMMUNITY FACILITIES					
	COMMUNITY CENTRE	7500-15000	4000	1.600	1,600	6400
	MILK & VEGETABLE BOOTH	5000-7500	200	3.20	3	600
E)	UTILITIES					
	ELECTRICAL SUB-STATION	AS PER REQUIREMENT	600	1	600	600
	AUTO CLM TAXI STAND	AS PER REQUIREMENT	500	1	500	500

DENSITY CALCULATION							
	TYPE	SIZE (SQ.MT.)	EXISTING NO.S	PROPOSED NO.S	TOTAL NO.S	OCCUPANCY	POPULATION
PLOTTED	100	83.624	208	181	389	9	32529.736
PLOTTED	150	125.413	55	126	181	9	22699.753
PLOTTED	200	167.216	28	210	238	9	39797.408
PLOTTED	400	334.432	0	1	1	9	334.432
TOTAL			291	518	809		7281 PERSONS
GROUP HOUSING-01					3498	4.5	58651.226 DENSITY AS/LEASE DEED
GROUP HOUSING-02					217	4.5	55797.813 DENSITY AS/LEASE DEED
TOTAL							209810.368

PLOTTED DEVELOPMENT							
PLOT TYPE	PLOT NOS.	PLOT SIZE (SQ.MT.)	PERMISSIBLE F.A.R. AREA OF EACH PLOT @ 1.8 (SQ.MT.)	PERMISSIBLE GROUND COVERAGE OF EACH PLOT @75% (SQ.MT.)	DWELLING UNITS	NO. OF PLOTS	POPULATION
100	B-01 TO B-174, B-176 TO B-209, E-69 TO E-165 & F-01 TO F-84	83.624	150.52	62.72	2	389	32529.736
150	A-01 TO A-55, E-01 TO E-68 & F-85 TO F-142	125.413	225.74	94.06	2	181	22699.753
200	D-109 TO D-122, D-125 TO D-138, G-01 TO G-179, H-01 TO H-32	167.216	300.99	125.41	2	238	39797.408
400	G-14	334.432	601.98	250.82	2	1	334.432
TOTAL						809	95,361.329
							1618
							7281 PERSONS



PROPOSED FACILITIES AREA DETAIL IN GROUP HOUSING PLOT (GH-01 & GH-02)					
S. NO.	PARTICULARS	PERMISSIBLE FAR	PLOT AREA AS PER REQUIREMENT	PLOT AREA AS PER REQUIREMENT	PERMISSIBLE FAR AREA
1	COMMUNITY CENTRE	150	4000	1.6	6400
	TOTAL				9600

ALL LEVELS ARE CALCULATED BASED ON MANNING'S EQUATION:
 $Q = VA$ $V = \frac{1.49}{n} R^{2/3} S^{1/2}$
 k is a unit conversion factor: k=1.49 for English units (feet and seconds), k=1.0 for SI units (meters and seconds).
 A = Flow area of pipe, culvert, or channel.
 P = Wetted perimeter which is the portion of the circumference that is in contact with water.
 Q = Discharge (flow rate).
 S = Downward (longitudinal) slope of the culvert.
 V = Average velocity in the pipe, culvert, or channel.

LEGEND	DESCRIPTION
	RAIN WATER HARVESTING PIT

S.NO.	PLOT DESCRIPTION
01	TYPE-100 SIZE - 83.624 SQ.MT. (100 SQ.YDS.)
02	TYPE-150 SIZE - 125.413 SQ.MT. (150 SQ.YDS.)
03	TYPE-200 SIZE - 167.216 SQ.MT. (200.00 SQ.YDS.)
04	TYPE-400 SIZE - 334.432 SQ.MT. (400 SQ.YDS.)

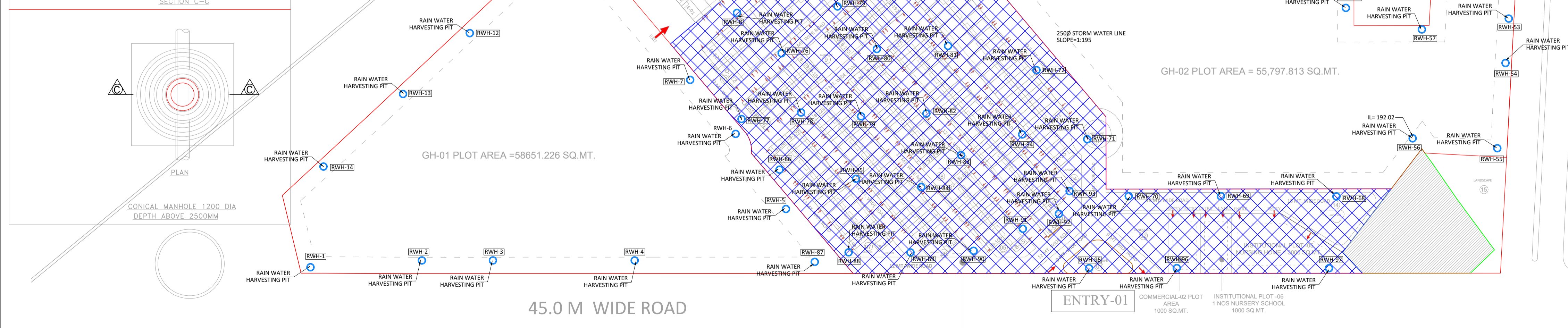
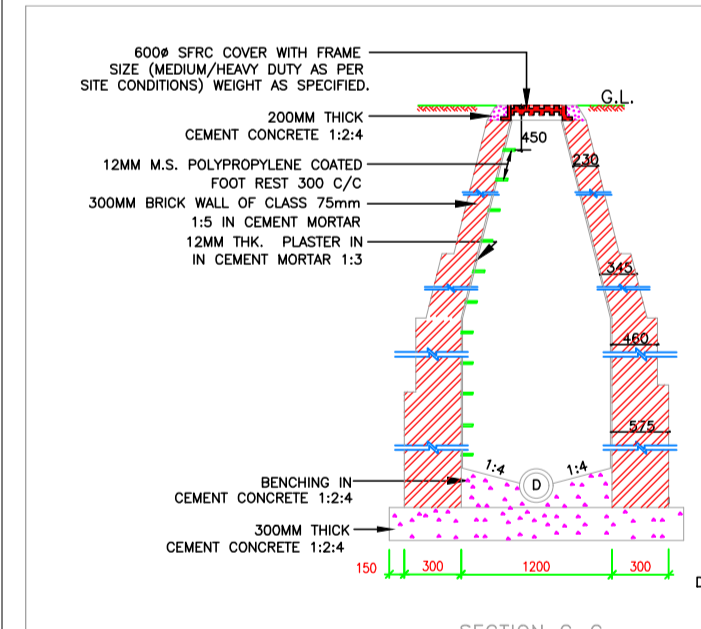
NOTES-

1-For all types of plots setback, ground coverage, building height and F.A.R. as per Yamuna Express Way prevailing byelaws.

2-On 18.0 meter and 24.0 meter wide road, alternate variety of everLANDSCAPE and ornamental trees shall be planted @ 7.5 meter center to center.

3-On road upto 12 meter ornamental trees will be planted @ 5 meter center to center of single variety in each pocket.

LANDUSE DISTRIBUTION			
PLOT AREA(SQ.MTS.)	AREA(SQ.MTS.)	%AGE	
			4,08,545,000
RESIDENTIAL			
PLOTTED	95,361.329	2,09,810.368	51.36%
GROUP HOUSING-01	58,651.226		
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COMMERCIAL	20,354.500	4.98%	
INSTITUTIONAL	22,500.000	5.51%	
ROADS, PARK & OPEN SPACES			
LANDSCAPE	61,290.000	15.00%	
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PROJECT :- " **GOLF COUNTRY** "
 AT PLOT NO. TS-05, SECT-22(D).
 AT YAMUNA EXPRESS WAY.

BUILDERS & PROMOTER :-
 M/s SUPERTECH TOWNSHIP PROJECT LTD.
 Off. :- B-28,29, SECTOR-58, NOIDA (U.P.)

DRAWING TITLE :-
 SITE PLAN-HARVESTING PIT LAYOUT

ARCHITECTS :-
Space Designers International
 B - 34, SECTOR-67, NOIDA
 PH : +91 9711633717, 18,19 & 20
 Mob: 9811070399, 981136231
 e-mail : spacedi@gmail.com, www.spacedi.com

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 82, Sukhdev Vihar,
 New Delhi 110 025, India.
 Phone: 011.2632.4400, www.proion.net

DRAWN BY :- SANJAY CHECKED BY :- VISHAL SCALE: 1 : 2000 DATED :-

ARCHITECT'S SIGN
 OWNER SIGNATURE DRG.NO.-PC-RWHP-02