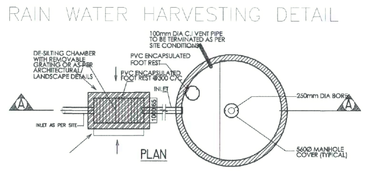
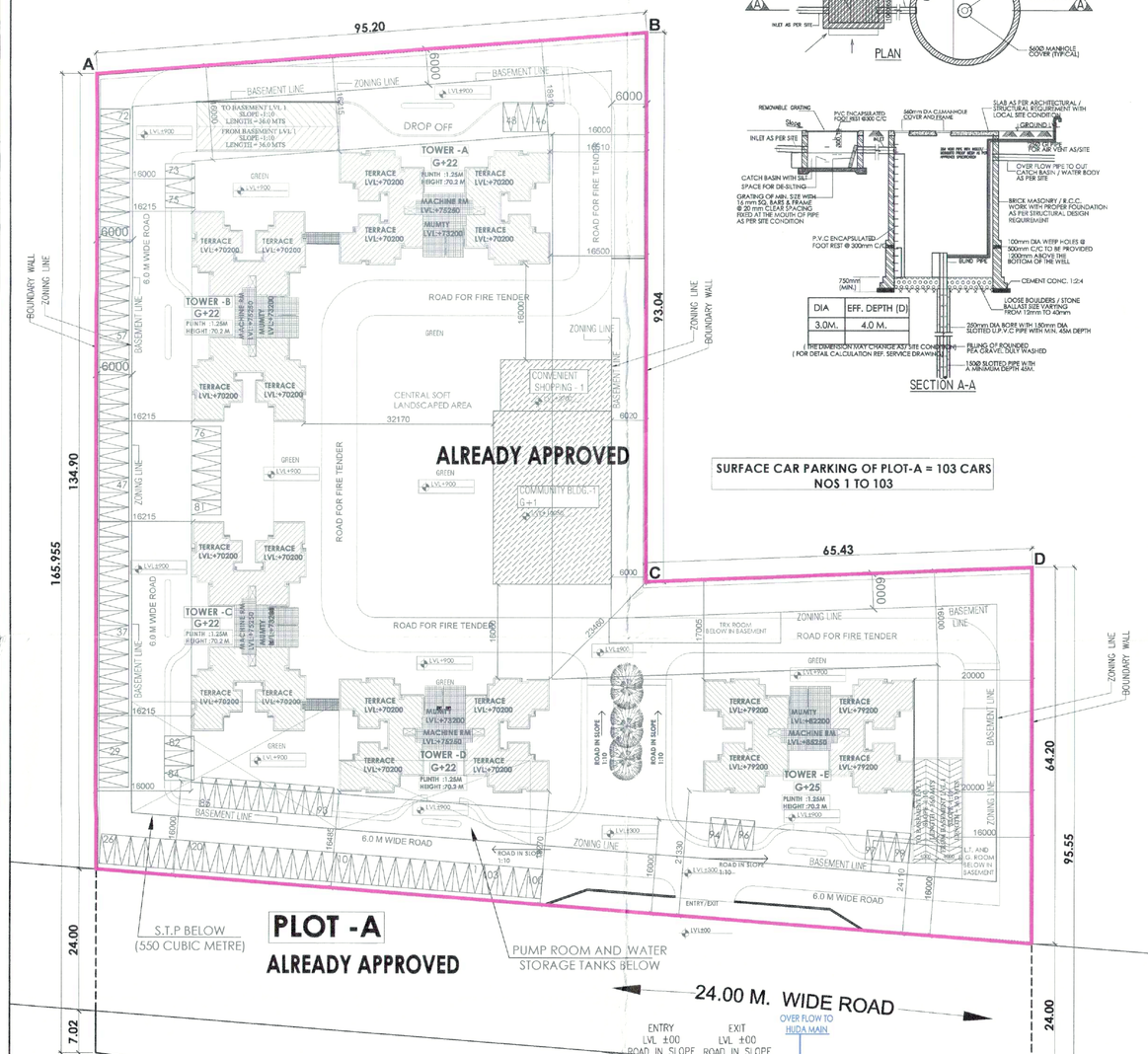
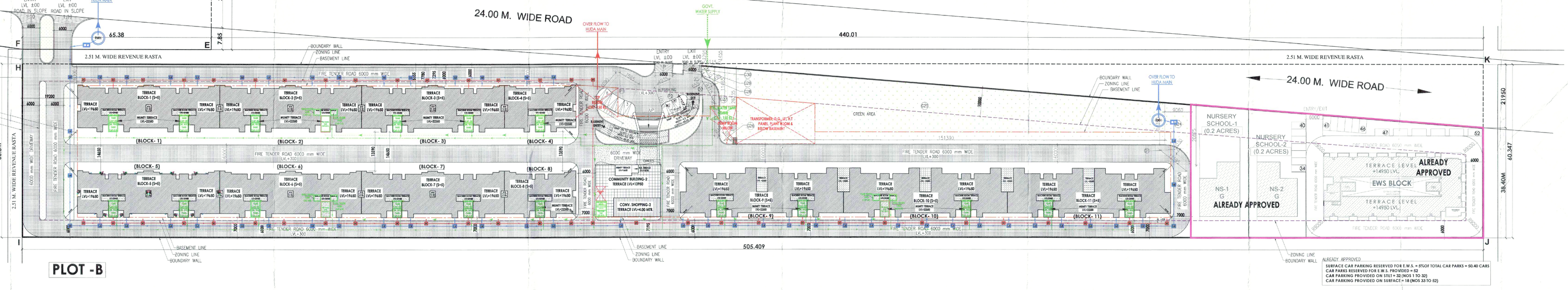
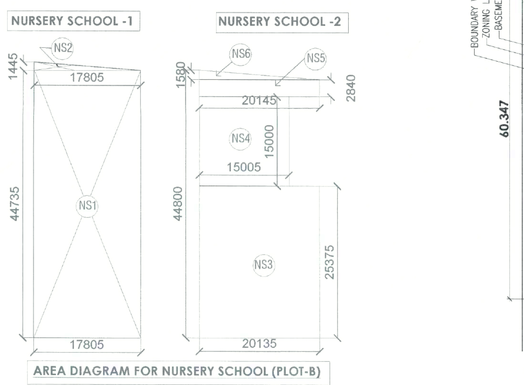
RAIN WATER HARVESTING DETAIL









ALREADY APPROVED PLOT -A

EWS						
S.NO.	FLOORS	NOS UNITS	MUMTY	GROUND COVERAGE		FAR SQ.M.
			60.55			
1	STILT	-	-	771.36		65.77
	1ST	30	-			771.36
	2ND	30	-			771.36
	3RD	30	-			771.36
	4TH	29	-			752.61
		119	60.55	771.36		3132.46

EWS CALCULATION	
REQUIRED NOS OF EWS (AT 15% OF TOTAL UNITS)	118.99
PROPOSED NOS OF EWS AT 15%OF TOTAL UNITS	119 NOS.
REQUIRED NOS OF SERVANT QUARTERS AT 10% OF TOTAL UNITS	67.2
PROPOSED NOS OF SERVANTS QUARTERS	160

TOWERS								
TOWER NO	FLOORS	NOS UNITS	MUMTY	GROUND COVERAGE	FIRST FLOOR	TYPICAL	2ND,3RD,6TH 7TH	FAR SQ.M.
A	G+22	92	81.88	527.22	458.99	457.38	463.15	10614.27
B	G+22	92	81.88	527.22	458.99	457.38	463.15	10614.27
C	G+22	92	81.88	527.22	458.99	457.38	463.15	10614.27
D	G+22	92	81.88	527.22	458.99	457.38	463.15	10614.27
E	G+25	104	81.88	527.22	458.99	457.38	463.15	11963.33
JOINING FLOORS				11.53				
		472	409.4	2647.63				54420.41

ALREADY SANCTIONED BASEMENT AREA OF PLOT - A	
PLOT - A	AREA IN SQMT.
1ST. BASEMENT	12644.32
2ND BASEMENT	11671.04
3RD BASEMENT	12254.78
TOTAL BASEMENT AREA	36570.14
TOTAL NUMBER OF CAR PARKING IN BASEMENT (PLOT -A)	
1ST. BASEMENT	279
2ND. BASEMENT	250
3RD. BASEMENT	256
ALREADY SANCTIONED TOTAL CAR PARKING IN BASEMENT	785

LEGEND:-
ALREADY APPROVED
REVISED BUILDING

ALREADY SANCTIONED (PLOT-A) & REVISED (PLOT -B) CAR PARKING DETAIL						
S. NO.	DESCRIPTION	CALCULATION			NO. OF CARS	
1	PARKING REQUIRED 1.5 ECS PER DU'S	1.5	X	672	1008	1008
2	TOTAL ALREADY SANTIONED & REVISED CAR PARKING				1333	
3	REQUIRED NO. OF COVD. PARKING @ 75% OF TOTAL NO. CAR PARKING	0.75	X	1008	756	756
4	REVISED NO. OF COVD. STILT CAR PARKING PLOT -B					225
5	REVISED NO. OF COVD. CAR PARKING IN BASEMENT PLOT -B					162
6	REVISED OPEN SURFACE CAR PARKING OF PLOT -B				6	
7	ALREADY SANCTIONED OPEN CAR PARKING OF PLOT -A					103
8	REQUIRDE NO. OF EWS CAR PARKING@ 5% OF TOTAL NO. OF CAR PARKING	0.05	X	1008	50.4	50
9	ALREADY SANCTIONED RESERVED CAR PARKING FOR EWS (20 + 32)					52
10	ALREADY SANCTIONED COVERED CAR PARKING IN BASEMENT (PLOT -A)					785

DENSITY CALCULATION					
S. NO.	PARTICULARS	UNITS		PERSON IN 1 UNIT	POPULATION
	PROP. TOTAL NO. MAIN DU'S	672			
	PERM. NO. OF PERSON IN 1 DU'S			5	
	POPULATION	672	X	5	3360
	PROP. TOTAL NO. OF SERVANT UNITS	70	X	2	140
	PERM. NO. OF PERSON IN 1 UNIT			2	
	PERM. NO. OF E.W.S.	118.59			
	PROP. NO. OF E.W.S.	119			
	PERM. NO. OF PERSON IN 1 UNIT			2	
	POPULATION	119	X	2	238
	TOTAL POPULATION				3738
	DENSITY	3738	+	13.156	284.12 PPA

AREA DETAIL OF ALREADY APPROVED & REVISED (PLOT A+B)				
DESCRIPTION	ALREADY APPROVED GROUND COVERAGE (AREA IN SQMT)	ALREADY APPROVED F.A.R. (AREA IN SQMT.)	REVISED GROUND COVERAGE AREA IN SQMT	REVISED F.A.R. AREA IN SQMT.
ALREADY APPROVED PLOT -A	2647.63	54420.41	-	-
ALREADY APPROVED E.W.S BLOCK	771.36	3132.46	-	-
ALREADY APPROVED CONVENIENT SHOPPING-1	160.00	160.00	-	-
ALREADY APPROVED COMMUNITY BUILDING-1	600.07	600.07	-	-
ALREADY APPROVED NURSERY SCHOOL-1	809.37	-	-	-
ALREADY APPROVED NURSERY SCHOOL-2	809.35	-	-	-
PLOT -B (REVISED)	-	-	7837.213	33442.083
TOTAL AREA	5797.78 (A)	58312.94 (B)	7837.213 (C)	33442.083 (D)
TOTAL ALREADY APPROVED & REVISED GROUND COVERAGE & F.A.R. AREA			13634.993 (A+C)	91755.023 (B+D)

AREA DETAIL (PLOT - B)															
S.NO.	DESCRIPTION	AREA (IN SQMT.)							NO. OF DWELLING UNIT			CARS	
		GROUND COVERAGE	STILT AREA	G.FLOOR (F.A.R.)	TYP. 1ST, TO 4TH FLOOR (F.A.R.)		2ND FLOOR (F.A.R.)	TOTAL F.A.R.	NO. FL	MAIN UNITS	S. UNITS	COVD.	OPEN
1	BLOCK-1	688.639	566.990	121.649	605.890	X 5	3029.450	3151.099	5+S	5X4	20	10	20 ----
2	BLOCK-2	688.639	566.990	121.649	605.890	X 5	3029.450	3151.099	5+S	5X4	20	10	20 ----
3	BLOCK-3	688.639	566.990	121.649	605.890	X 5	3029.450	3151.099	5+S	5X4	20	10	20 ----
4	BLOCK-4	343.698	282.873	60.825	304.400	X 5	1522.000	1582.825	5+S	5X4	10	5	10 ----
5	BLOCK-5	688.639	566.990	121.649	605.890	X 5	3029.450	3151.099	5+S	5X4	20	10	20 ----
6	BLOCK-6	688.639	566.990	121.649	605.890	X 5	3029.450	3151.099	5+S	5X4	20	10	20 ----
7	BLOCK-7	688.639	566.990	121.649	605.890	X 5	3029.450	3151.099	5+S	5X4	20	10	20 ----
8	BLOCK-8	343.698	282.873	60.825	304.400	X 5	1522.000	1582.825	5+S	5X4	10	5	10 ----
9	BLOCK-9	823.022	666.741	121.649	677.078	X 5	3385.390	-----	5+S	5X4	20	-----	25 ----
10	BLOCK-10	823.022	666.741	121.649	677.078	X 5	3385.390	-----	5+S	5X4	20	-----	25 ----
11	BLOCK-11	823.022	666.741	121.649	677.078	X 5	3385.390	-----	5+S	5X4	20	-----	25 ----
12	COMMUNITY BUILDING - 2	548.917	394.387	68.140	362.754	X 1	362.754	311.773	742.667	G+2	----	----	10 ----
13	CONVENIENT SHOPPING-2		----	106.055	106.055	X 1	106.055	-----	106.055	G	----	----	---- ----
14	PROVIDED SURFACE CAR PARKING OF PLOT -B	----	----	----	----	-- --	----	----	----	----	----	----	---- 6
	TOTAL	7837.213	6362.296					33442.083			200	70	225 6

SITE DETAIL

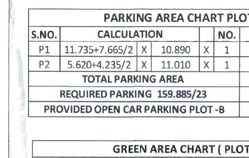
TOTAL AREA OF SITE = 13.156 ACRES OR 53240.358 SQMT.

NET LAND AREA FOR F.A.R/COVERAGE =13.156 ACRES OR 53240.358 SQMT.

	DESCRIPTION	PERMISSIBLE AREA IN SQMT.	ACHIEVED F.A.R AREA IN SQMT.
1	GROUND COVERAGE	35 % OR 18634.125	25.61% 13634.993
2	F.A.R	175 % OR 93170.626	172.34% 91755.023
3	TOT LOT GREEN AREA	7986.053	18.24% 9713.25
4	CONVENIENT SHOPPING	0.5% 266.201	0.49% 266.055

ALREADY APPROVED GREEN AREA (PLOT-A)

AREA NO.	GREEN AREA CALCULATION : PLOT A					QTY.	TOTAL AREA (SQ.M.)
	L IN MM		B IN MM	AREA IN SQ.M			
G1	5410	X	5930	32.08	1		32.08
G2	8460	X	1705	14.42	10		144.24
G3	2230	X	5655	12.61	10		126.11
G4	24540	X	7845	192.52	2		385.03
G5	4045	X	3525	14.26	1		14.26
G6	4045	X	5105	20.65	1		20.65
G7	6575	X	4270	28.08	2		56.15
G7A	4270	X	8460	36.12	1		36.12
G8	11205	X	1250	14.01	1		14.01
G9	8845	X	3415	30.21	1		30.21
G10	13970	X	13415	187.41	1		187.41
G11	16485	X	26530	437.35	1		437.35
G12	58690	X	12935	759.16	1		759.16
G13	31140	X	12010	373.99	1		373.99
G14	39100	X	6000	234.60	1		234.60
G15	10000	X	2090	20.90	1		20.90
G16	30560	X	17000	519.52	1		519.52
G17	21140	X	10080	213.30	1		213.30
G18	10995	X	27090	297.85	1		297.85
G19	124025	X	14855	1842.39	1		1842.39
G20	15000	X	8230	123.45	1		123.45
G21	20120	X	4710	94.77	1		94.77
G22	6515	X	6295	41.01	1		41.01
G23	5410	X	5045	27.29	1		27.29
G23A	5500	X	46775	257.26	1		257.26
G23B	5000	X	20895	104.48	1		104.48
TOTAL AREA OF GREEN (G) : PLOT A							6393.59



PARKING AREA CHART PLOT - B							
S.NO.	CALCULATION				NO.	AREA	SQMT.
P1	11.735+7.665/2	X	10.890	X	1	105.63	SQMT.
P2	5.620+4.235/2	X	11.010	X	1	54.25	SQMT.
	TOTAL PARKING AREA					159.885	SQMT.
	REQUIRED PARKING 159.885/23					7 CARS	SQMT.
	PROVIDED OPEN CAR PARKING PLOT -B					6 CARS	SQMT.

GREEN AREA CHART (PLOT -B)							
S.NO.	CALCULATION				NO.	AREA	SQMT.
G24	20.875+14.350/2	X	9.060	X	1	159.57	SQMT.
G25	14.350+26.235/2	X	151.390	X	1	3072.08	SQMT.
G26	3.915	X	0.810	X	0.667	2.12	SQMT.
G27	23.685+26.235/2	X	2.770	X	1	69.14	SQMT.
G28	3.610	X	0.655	X	0.667	1.58	SQMT.
G29	1.455+11.465/2	X	6.115	X	1	39.50	SQMT.
G30	0.095	X	1.295	X	0.5	0.06	SQMT.
	TOTAL AREA (A)					3344.05	SQMT.
	DEDUCTION						
D1	2.030	X	11.595	X	0.667	15.70	SQMT.
D2	8.715	X	1.495	X	0.667	8.69	SQMT.
	TOTAL DEDUCTION AREA (D)					24.39	SQMT.
	TOTAL GREEN AREA OF PLOT B (A - D)= G					3319.66	
	ALREADY SANCTIONED GREEN AREA PLOT -A					6393.59	SQMT.
	TOTAL GREEN AREA OF PLOT (A + G)					9713.25	SQMT.
	ACHIEVED GREEN AREA 18.24%					9713.25	SQMT.

ALREADY APPROVED NURSERY SCHOOL-1 & 2

AREA CALCULATIONS FOR NURSERY SCHOOL PLOT AREA-1

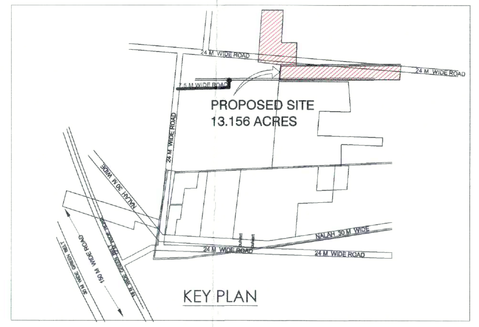
AREA NO.			AREA CALCULATION					QTY.	TOTAL AREA (SQ.MT)	TOTAL AREA (ACRES)
			L IN MM		B IN MM	H IN MM	AREA IN SQ.M			
NB1	-	-	17805	X	44735	-	796.51	1	796.51	0.20
NB2	0.5	X	-		17805	1445	12.96	1	12.96	0.00
TOTAL AREA OF NURSERY SCHOOL-1 (NS-1)									809.37	0.20

AREA CALCULATIONS FOR NURSERY SCHOOL PLOT AREA-2

AREA NO.			AREA CALCULATION					QTY.	TOTAL AREA (SQ.MT)	TOTAL AREA (ACRES)
			L IN MM		B IN MM	H IN MM	AREA IN SQ.M			
NB3	-	-	20135	X	25425	-	511.93	1	511.93	0.13
NB4	-	-	14960	X	15005	-	224.47	1	224.47	0.06
NB5	-	-	20135	X	2940	-	57.18	1	57.18	0.01
NB6	0.5	X	-		20135	1565	15.76	1	15.76	0.00
TOTAL AREA OF NURSERY SCHOOL-2 (NS-2)									809.35	0.20

BUILTUP AREA - PLOT -B	
DESCRIPTION	AREA (SQ.M)
F.A.R AREA	33442.083
BASEMENT AREA	14774.932
STILT PARKING AREA BLOCK-1	566.990
STILT PARKING AREA BLOCK-2	566.990
STILT PARKING AREA BLOCK-3	566.990
STILT PARKING AREA BLOCK-4	343.698
STILT PARKING AREA BLOCK-5	566.990
STILT PARKING AREA BLOCK-6	566.990
STILT PARKING AREA BLOCK-7	566.990
STILT PARKING AREA BLOCK-8	343.698
STILT PARKING AREA BLOCK-9	666.741
STILT PARKING AREA BLOCK-10	666.741
STILT PARKING AREA BLOCK-11	666.741
COMMUNITY BUILDING -2 MUMTY & M.R. AREA	394.387
BLOCK - 01 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 02 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 03 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 04 MUMTY & M.ROOM & STAIRCASE	182.483
BLOCK - 05 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 06 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 07 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 08 MUMTY & M.ROOM & STAIRCASE	182.483
BLOCK - 09 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 10 MUMTY & M.ROOM & STAIRCASE	364.966
BLOCK - 11 MUMTY & M.ROOM & STAIRCASE	364.966
TOTAL BUILTUP AREA	59350.621

LEGEND:-
1. 200 OD uPVC SOIL VENT PIPE
2. 150 OD uPVC WASTE VENT PIPE
4. CWS (DOMESTIC) DN TAKE(GI)
5. CWS (FLUSHING) DN TAKE(GI)
6. 150ø uPVC RAIN WATER PIPE
7. (MH) MANHOLE 900 X 900
8. (GT) GULLY TRAP 450X450
9. (C.B) CATCH BASIN
10. 400 OD uPVC RAIN WATER PIPE
11. 450 OD uPVC RAIN WATER PIPE OVER FLOW
- WASTE PIPE
- SOIL PIPE
- WATER SUPPLY LINE
- WATER SUPPLY LINE FOR FIRE TANK
- RAIN WATER PIPE



1. ALL TOILET INTERNAL ALUMINUM PARTIONS WILL BE 2.10 M HIGH.
2. C.F.L WILL BE PROVIDED.
3. SOLAR ASSISTED WATER HEATING SYSTEM SHALL HAVE PROVIDED AS PER GOVERNMENT NORMS.
4. RAIN WATER HARVESTING SYSTEM AS PER DIRECTION OF THE COMPETENT AUTHORITY. 5. BURGLAR ALARM WILL BE PROVIDED.
5. THE RESPONSIBILITY OF THE STRUCTURE DESIGN / STRUCTURE STABILITY SAFETY OF THE BUILDING AGAINST EARTHQUAKE CANNOT SHALL BE ENTIRELY OF THE OWNER, SUPERVISION BY ARCHITECT & ENGINEER.
6. BUILDING BLOCK ARE MECHANICALLY VENTILATED FULLY AIR CONDITIONED WITH 100 % POWER BACK UP.

... is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public.

DTP (HQ)

TO BE READ WITH THIS OFFICE MEMO NO.: 2669
DATED: 31-01-2013

ATP(HQ)

CA (Dinesh Kumar) (HQ)

Checked and found ok for Public Health (Internal) Service only subject to comments in in lowering level 10/3/13 2/3/13

Superintending Engineer (HQ) for Chief Engineer (HQ)SP

ODT (Nc. Member BPAC

PROJECT
REVISED BUILDING PLAN FOR BLOCK -1, 2,3,4,6,7,8,9,10, & 11 OF GROUP HOUSING COLONY MEASURING 13.156 ACRES (LICENSE NO. 12 OF 2009 DATED 25.05.2009) IN SECTOR-37D, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY RAMPRASTHA REALTORS PVT.LTD. IN COLLABORATION WITH S.A. INFRATECH PVT.LTD.

PRINCIPAL ARCHITECTS:-
A.D. CONSULTANTS.
Parmani Tower, 3rd Floor, S.C.O. 50-51, Old Judicial Complex, Civil Lines, Gurgaon – 122001
Tel.:0124-4081801,4081802
email :- adconsultants13@gmail.com
CONSULTING ARCHITECTS:-
SACHDEVA CONSULTANTS.

ARCHITECT'S SEAL & SIGNATURE | OWNER/AUTH. SIGNATURE

For Nav Private Limited
Authorised Signatory

Scale : 1:500
Drawing Title:- SITE PLAN
Drawing No:- 1