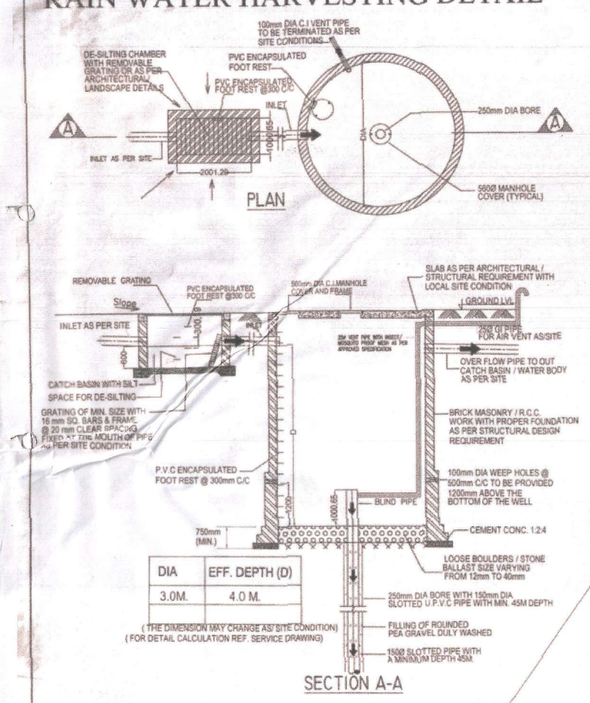
RAIN WATER HARVESTING DETAIL



DIA	EFF. DEPTH (D)
3.0M.	4.0 M.

(THE DIMENSION MAY CHANGE AS SITE CONDITION)
(FOR DETAIL CALCULATION REF. SERVICE DRAWING)

FLOORS	AREA	POPULATION			FIXTURES CACULATIONS				
		POPULATION	MALE (2/3)	FEMALE (1/3)	MALE			FEMALE	
					WC @ 25	WB @ 25	UR AS/NBC	WC @ 15	WB @ 25
LOWER GR FLOOR	1826.23	183	122	61	5	5	6	4	2
GROUND FLOOR	9082.42	908	605	303	24	24	22	20	12
1ST FLOOR	7277.55	728	485	243	19	19	18	16	10
2nd FLOOR	3961.85	396	264	132	11	11	10	9	5
3rd FLOOR	3235.56	324	216	108	9	9	8	7	4
4th FLOOR	2662.92	266	178	89	7	7	6	6	4
5th FLOOR	2590.06	259	173	86	7	7	6	6	3
6th FLOOR	2517.02	252	168	84	7	7	6	6	3
7th FLOOR	2298.26	230	153	77	6	6	6	5	3

SURFACE PARKING AREA CALCULATION

							Area in Sqm	Nos	Total Area in Sqm
P1	1/2	X	(26445+24335)	X	9500	=	241.21	1	241.21
P2	1/2	X	(5115+7560)	X	11000	=	69.71	1	69.71
P3			38850	X	13770	=	534.96	1	534.96
P4			117150	X	8770	=	1027.41	1	1027.41
P5			22500	X	11600	=	261.00	1	261.00
P6			17855	X	10000	=	178.55	1	178.55
P7	1/2	X	(36555+36335)	X	16000	=	583.12	1	583.12
P8	1/2	X	(46980+46300)	X	16000	=	746.24	1	746.24
P9			7835	X	11000	=	86.19	1	86.19
P10	1/2	X	(17500+22165)	X	11000	=	218.16	1	218.16
P11	1/2	X	(13900+12500)	X	9150	=	120.78	1	120.78
P12	1/2	X	(21760+23775)	X	9150	=	184.33	1	184.33
Grand Total								P=	4251.65

AREA REQUIRED PER ECS AT SURFACE LEVEL @25 sqms = 170 ECS

PARKING DETAIL		
TOTAL PARKING REQUIRED = 828 ECS		
SURFACE PARKING REQUIRED @ 15% = 124 ECS		
PROPOSED PARKING		
SUFACE PARKING	#	125
BASEMENT-1 PARKING	#	330
BASEMENT-2 PARKING	#	421
TOTAL	#	876

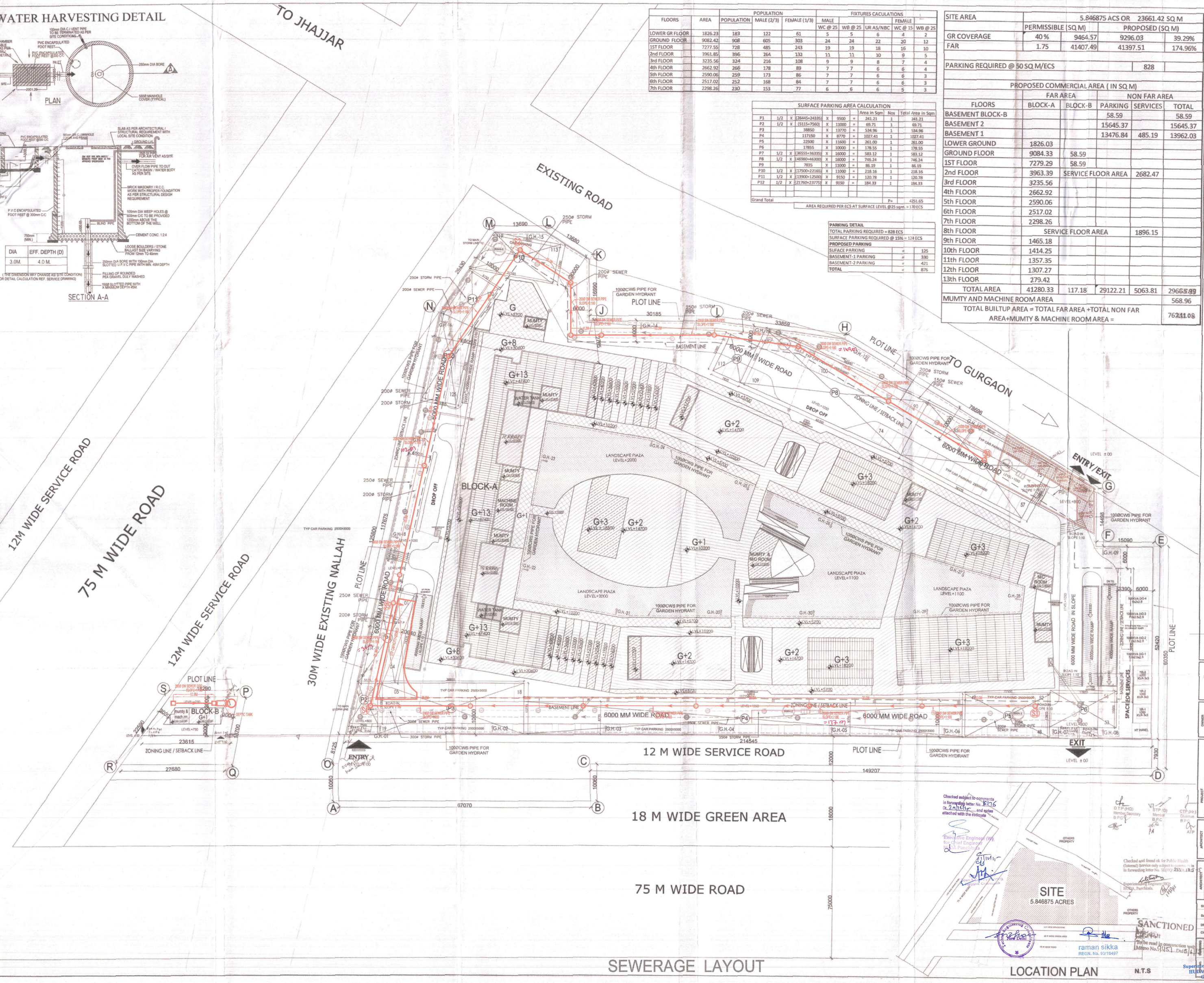
SITE AREA	5.846875 ACS OR 23661.42 SQ M			
	PERMISSIBLE (SQ M)		PROPOSED (SQ M)	
GR COVERAGE	40%	9464.57	9296.03	39.29%
FAR	1.75	41407.49	41397.51	174.96%
PARKING REQUIRED @ 50 SQ M/ECS			828	
PROPOSED COMMERCIAL AREA (IN SQ M)				
	FAR AREA		NON FAR AREA	
FLOORS	BLOCK-A	BLOCK-B	PARKING	SERVICES	TOTAL
BASEMENT BLOCK-B			58.59		58.59
BASEMENT 2			15645.37		15645.37
BASEMENT 1			13476.84	485.19	13962.03
LOWER GROUND	1826.03				
GROUND FLOOR	9084.33	58.59			
1ST FLOOR	7279.29	58.59			
2nd FLOOR	3963.39	SERVICE FLOOR AREA		2682.47	
3rd FLOOR	3235.56				
4th FLOOR	2662.92				
5th FLOOR	2590.06				
6th FLOOR	2517.02				
7th FLOOR	2298.26				
8th FLOOR	SERVICE FLOOR AREA			1896.15	
9th FLOOR	1465.18				
10th FLOOR	1414.25				
11th FLOOR	1357.35				
12th FLOOR	1307.27				
13th FLOOR	279.42				
TOTAL AREA	41280.33	117.18	29122.21	5063.81	29665.99
MUMTY AND MACHINE ROOM AREA					568.96
TOTAL BUILTUP AREA = TOTAL FAR AREA +TOTAL NON FAR AREA+MUMTY & MACHINE ROOM AREA =					76211.08

NOTES:-

1. ALL BUILDING EXCLUDING BASEMENTS FULLY AIR CONDITIONED AS PER N.B.C. NORMS.
2. ALL BUILDING FULLY SPRINKLERED AS PER N.B.C. NORMS.
3. ALL BASEMENTS ARE MECHANICALLY LIGHTED AND VENTILATED AS PER N.B.C. NORMS.
4. ALL TOILETS & CORRIDORS MECHANICALL LIGHTED & VENTILATED AS PER N.B.C. NORMS.
5. 100 % POWER BACKUP PROVIDED

LEGEND

S.NO	SYMBOL	DECRIPATION
1.	①	100Ø SOIL PIPE
2.	②	100Ø WASTE PIPE
3.	Ⓐ	150Ø SOIL PIPE
4.	Ⓐ	150Ø WASTE PIPE
5.	③	75Ø VENT PIPE
6.	④	COLD WATER SUPPLY PIPE
7.	⑤	FLUSHING WATER SUPPLY LINE
8.	⑥	150Ø RAIN WATER PIPE
9.	⑦	100Ø RAIN WATER PIPE
10.	⑧	DOMESTIC WATER SUPPLY RISER
11.	⑨	FLUSHING WATER SUPPLY RISER
12.	FT	FLOOR TRAP
13.	FD	FLOOR DRAIN
14.	UT	URINAL TRAP
15.		WASTE PIPE LINE
16.		SOIL PIPE LINE
17.	FCO	FLOOR CLEAN OUT
18.	COP	CLEAN OUT PLUG
19.		SEWER MANHOLE
20.		GULLY TRAP
21.		STORM MANHOLE
22.		CATCH BASIN



RADHIKA POLYMERS AND OTHERS IN COLLABORATION WITH CLARION PROPERTIES LTD.

PROPOSED BUILDING PLAN OF COMMERCIAL COLONY MEASURING 5.846875 ACRES (LICENCE NO-93 OF 2012 DATED 05/09/2012, LICENCE NO. 31 OF 2014 DATED 12/06/2014 AND LICENCE NO. 30OF 2014 DATED 12/06/2014) IN SECTOR-102, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY RADHIKA POLYMERS AND OTHERS IN COLLABORATION WITH CLARION PROPERTIES LTD

SIKKA ASSOCIATES ARCHITECTS

raman sikka
REGN. No. 93/16497

SCALE 1:300
DATE ISSUED
DRAWN BY
CHECKED BY SSB

SITE PLAN
SEWERAGE LAYOUT

SE/SATYA/PL-01