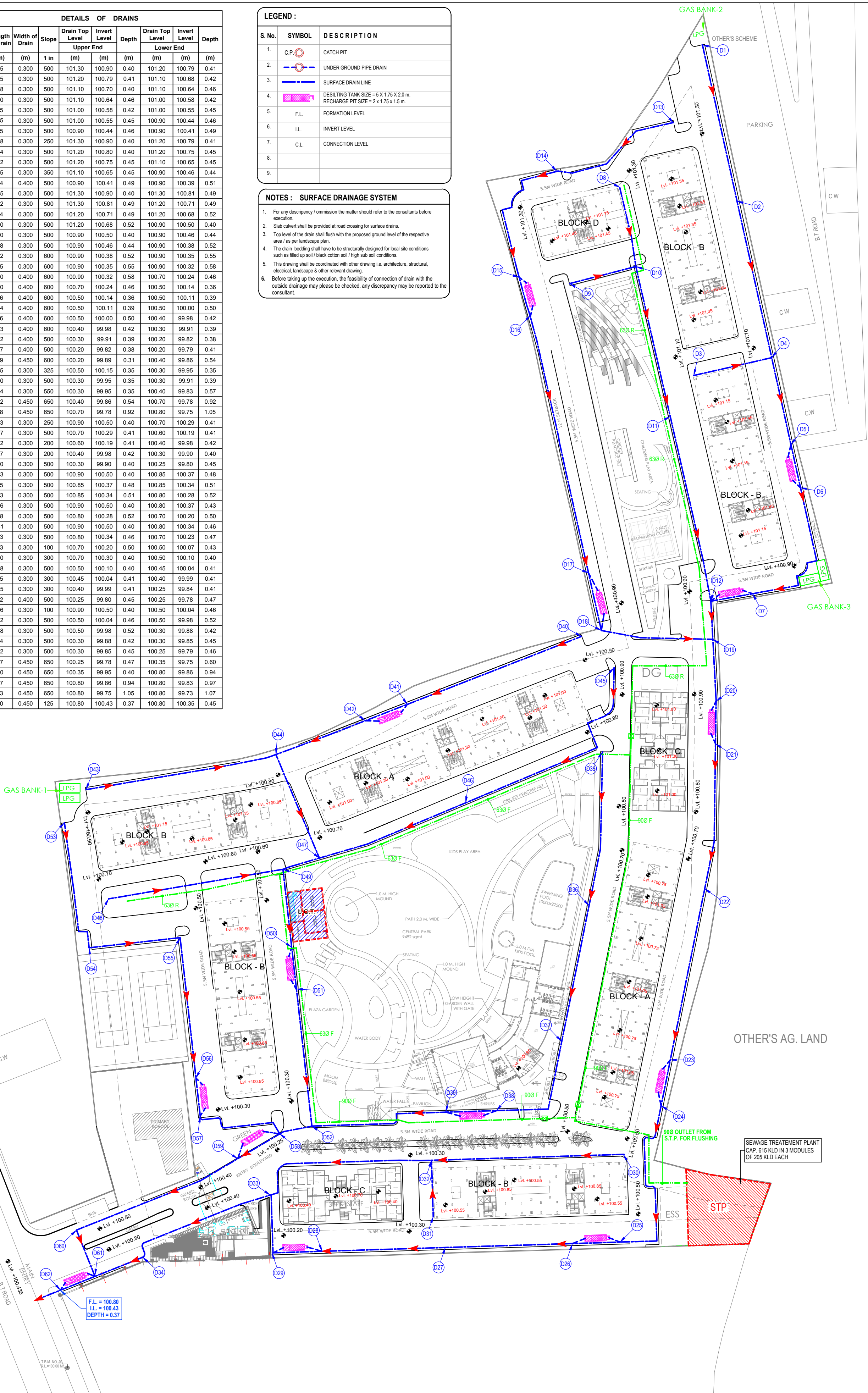


DETAILS OF DRAINS									
Drain Coordinate		Length of Drain	Width of Drain	Slope	Drain Top Level Upper End	Invert Level	Depth	Drain Top Level Lower End	Invert Level
From	To	(m)	(m)	1 in	(m)	(m)	(m)	(m)	(m)
D1	D2	55	0.300	500	101.30	100.90	0.40	101.20	100.79
D2	D4	55	0.300	500	101.20	100.79	0.41	101.10	100.68
D3	D4	28	0.300	500	101.10	100.70	0.40	101.10	100.64
D4	D5	30	0.300	500	101.10	100.64	0.46	101.00	100.58
D5	D6	15	0.300	500	101.00	100.58	0.42	101.00	100.55
D6	D7	55	0.300	500	101.00	100.55	0.45	100.90	100.44
D7	D12	15	0.300	500	100.90	100.44	0.46	100.90	100.41
D8	D10	28	0.300	250	101.30	100.90	0.40	101.20	100.79
D9	D10	24	0.300	500	101.20	100.80	0.40	101.20	100.75
D10	D11	52	0.300	500	101.20	100.75	0.45	101.10	100.65
D11	D12	65	0.300	350	101.10	100.65	0.45	100.90	100.46
D12	D19	14	0.400	500	100.90	100.41	0.49	100.90	100.39
D13	D14	45	0.300	500	101.30	100.90	0.40	101.30	100.81
D14	D15	52	0.300	500	101.30	100.81	0.49	101.20	100.71
D15	D16	14	0.300	500	101.20	100.71	0.49	101.20	100.68
D16	D17	90	0.300	500	101.20	100.68	0.52	100.90	100.50
D17	D18	20	0.300	500	100.90	100.50	0.40	100.90	100.46
D18	D19	38	0.300	500	100.90	100.46	0.44	100.90	100.38
D19	D20	22	0.300	600	100.90	100.38	0.52	100.90	100.35
D20	D21	15	0.300	600	100.90	100.35	0.55	100.90	100.32
D21	D22	50	0.400	600	100.90	100.32	0.58	100.70	100.24
D22	D23	60	0.400	600	100.70	100.24	0.46	100.50	100.14
D23	D24	16	0.400	600	100.50	100.14	0.36	100.50	100.11
D24	D25	64	0.400	600	100.50	100.11	0.39	100.50	100.00
D25	D26	16	0.400	600	100.50	100.00	0.50	100.40	99.98
D26	D27	43	0.400	600	100.40	99.98	0.42	100.30	99.91
D27	D28	42	0.400	500	100.30	99.91	0.39	100.20	99.82
D28	D29	17	0.400	500	100.20	99.82	0.38	100.20	99.79
D29	D33	19	0.450	600	100.20	99.89	0.31	100.40	99.86
D30	D32	65	0.300	325	100.50	100.15	0.35	100.30	99.95
D31	D32	20	0.300	500	100.30	99.95	0.35	100.30	99.91
D32	D33	64	0.300	550	100.30	99.95	0.35	100.40	99.83
D33	D34	52	0.450	650	100.40	99.86	0.54	100.70	99.78
D34	D61	18	0.450	650	100.70	99.78	0.92	100.80	99.75
D35	D36	53	0.300	250	100.90	100.50	0.40	100.70	100.29
D36	D37	47	0.300	500	100.70	100.29	0.41	100.60	100.19
D37	D38	42	0.300	200	100.60	100.19	0.41	100.40	99.98
D38	D39	17	0.300	200	100.40	99.98	0.42	100.30	99.90
D39	D52	50	0.300	500	100.30	99.90	0.40	100.25	99.80
D40	D41	63	0.300	500	100.90	100.50	0.40	100.85	100.37
D41	D42	15	0.300	500	100.85	100.37	0.48	100.85	100.34
D42	D44	33	0.300	500	100.85	100.34	0.51	100.80	100.28
D43	D44	66	0.300	500	100.90	100.50	0.40	100.80	100.37
D44	D47	38	0.300	500	100.80	100.28	0.52	100.70	100.20
D45	D46	81	0.300	500	100.90	100.50	0.40	100.80	100.34
D46	D47	53	0.300	500	100.80	100.34	0.46	100.70	100.23
D47	D49	13	0.300	100	100.70	100.20	0.50	100.50	100.07
D48	D49	60	0.300	300	100.70	100.30	0.40	100.50	100.10
D49	D50	28	0.300	500	100.50	100.10	0.40	100.45	100.04
D50	D51	15	0.300	300	100.45	100.04	0.41	100.40	99.99
D51	D52	45	0.300	300	100.40	99.99	0.41	100.25	99.84
D52	D58	12	0.400	500	100.25	99.80	0.45	100.25	99.78
D53	D54	46	0.300	100	100.90	100.50	0.40	100.50	100.04
D54	D55	32	0.300	500	100.50	100.04	0.46	100.50	99.98
D55	D56	48	0.300	500	100.50	99.98	0.52	100.30	99.88
D56	D57	14	0.300	500	100.30	99.88	0.42	100.30	99.85
D57	D58	32	0.300	500	100.30	99.85	0.45	100.25	99.79
D58	D59	17	0.450	650	100.25	99.78	0.47	100.35	99.75
D59	D60	60	0.450	650	100.35	99.95	0.40	100.80	99.86
D60	D61	17	0.450	650	100.80	99.86	0.94	100.80	99.83
D61	D62	13	0.450	650	100.80	99.75	1.05	100.80	99.73
D62	OUT	10	0.450	125	100.80	100.43	0.37	100.80	100.35

LEGEND :		
S. No.	SYMBOL	DESCRIPTION
1.	C.P.	CATCH PIT
2.		UNDER GROUND PIPE DRAIN
3.		SURFACE DRAIN LINE
4.		DESILTING TANK SIZE = 5 X 1.75 X 2.0 m. RECHARGE PIT SIZE = 2 x 1.75 x 1.5 m.
5.	F.L.	FORMATION LEVEL
6.	I.L.	INVERT LEVEL
7.	C.L.	CONNECTION LEVEL
8.		
9.		

NOTES : SURFACE DRAINAGE SYSTEM	
1.	For any discrepancy / omission the matter should refer to the consultants before execution.
2.	Slab culvert shall be provided at road crossing for surface drains.
3.	Top level of the drain shall flush with the proposed ground level of the respective area / as per landscape plan
4.	The drain bedding shall have to be structurally designed for local site conditions such as filled up soil / black cotton soil / high sub soil conditions.
5.	This drawing shall be coordinated with other drawing i.e. architecture, structural, electrical, landscape & other relevant drawing.
6.	Before taking up the execution, the feasibility of connection of drain with the outside drainage may please be checked. any discrepancy may be reported to the consultant.



Project:- Ashiana Umang AT JAIPUR	Services Consultant : Consummate Engineering Services (P) Ltd. cespl CONSULATE ENGINEERING SERVICES (P) LTD. Noida Office : B - 67, Sector - 67, Noida - 201 301 Tel : (0120) 2993500 (30 Lines) Lko. Office : R 006, Rohtas Plumeria, Gomti Nagar, Lucknow Tel : (0522) 6515455 e mail : mail@cespl.in, website : www.cespl.in	Drg. Title: LAYOUT PLAN		Subtitle : RAIN WATER HARVESTING LOCATION				
		Scale: - 1 : 650	Drg. No : UMANG / ES-02A	Drawn By : Amit Kamboj				
Owners Name Ashiana Houshing Ltd Unit no.4 & 5,Plot No.D-2,3rd Floor, Southern park, saket District Centre, Saket New Delhi - 110017 Phone no. 011- 42 65 42 65	Architect B.sengupta architect A305,RANGOLI,ASHIANAVILLAGEBIHWADI. PH. 09887488263	Date : - Sep. 2014	Design By : Nitesh Kumar					
		Issued For: APPROVAL	Ckd By : Anand Havelia		RO	28-07-2015	ISSUED AS GFC	
					Rev	Date	Description	