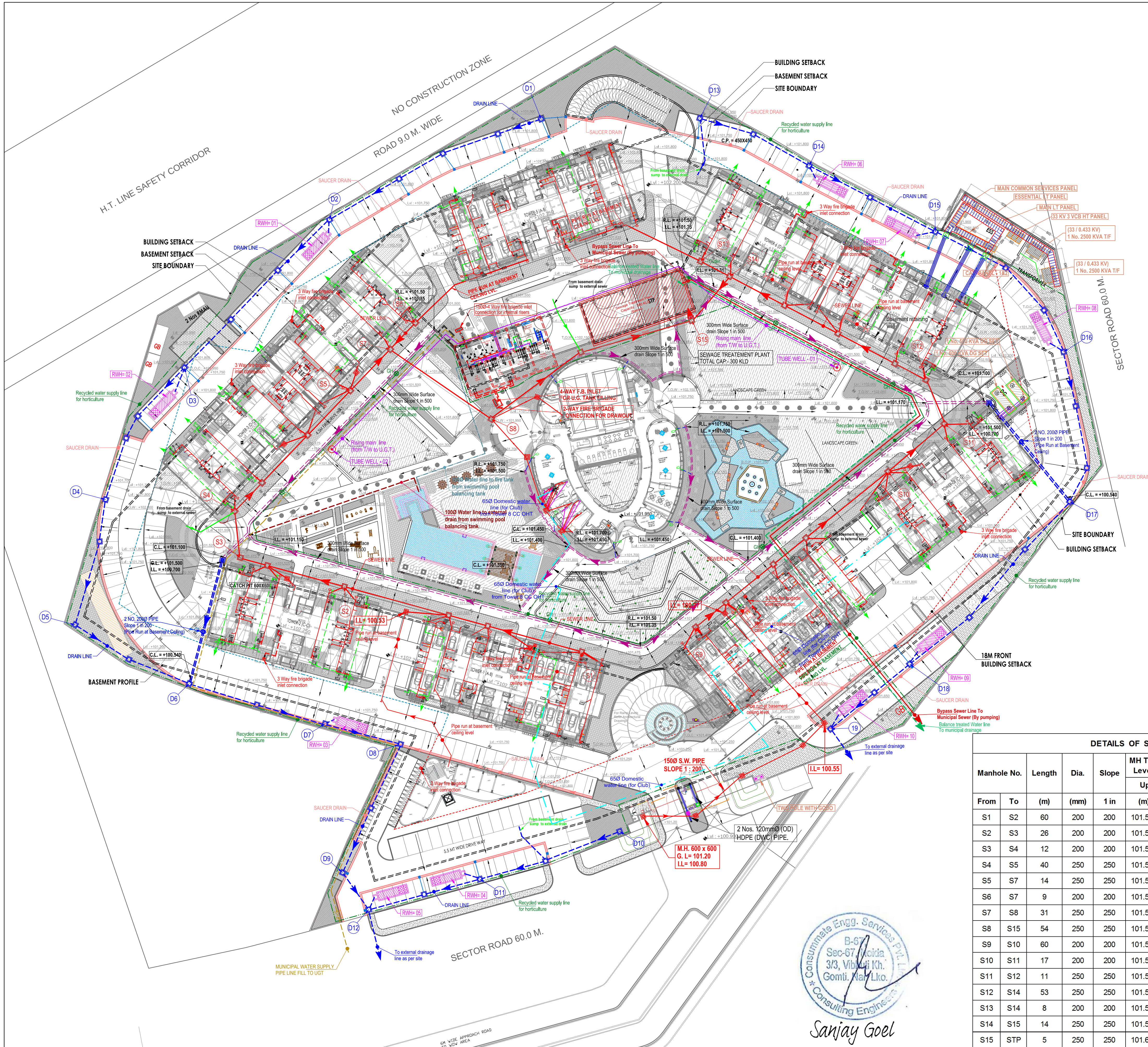




LEGEND :		
S. No.	SYMBOL	DESCRIPTION
1.	M.H.	MANHOLE
2.	SEWER LINE	SEWER LINE
3.	C.P.	CATCH PIT
4.	UNDER GROUND PIPE DRAIN	UNDER GROUND PIPE DRAIN
5.	RAIN WATER HARVESTING	RAIN WATER HARVESTING
6.	SURFACE DRAIN	SURFACE DRAIN
7.	BASEMENT RETAINING WALL	BASEMENT RETAINING WALL
8.	RISE MAIN LINE (FROM T.W. TO U.G.T.)	RISE MAIN LINE (FROM T.W. TO U.G.T.)
9.	MUNICIPAL WATER SUPPLY PIPE LINE	MUNICIPAL WATER SUPPLY PIPE LINE
10.	RECYCLED WATER SUPPLY LINE FOR HORTICULTURE	RECYCLED WATER SUPPLY LINE FOR HORTICULTURE
11.	PROPOSED TUBE WELL	PROPOSED TUBE WELL
12.	GARDEN HYDRANT	GARDEN HYDRANT
13.		

LEGEND : FIRE SYSTEM		
S. No.	SYMBOL	DESCRIPTION
1.	FIRE BRIGADE CONNECTION	FIRE BRIGADE CONNECTION
2.	BUTTERFLY VALVE	BUTTERFLY VALVE
3.	NONRETURN VALVE (CHECK VALVE)	NONRETURN VALVE (CHECK VALVE)
4.	ISOLATING VALVE WITH MASONRY CHAMBER	ISOLATING VALVE WITH MASONRY CHAMBER

DETAILS OF DRAIN LINES										
Catch Pit No.		Length	Dia.	Slope	C.P. Top Level	Invert Level	Depth	C.P. Top Level	Invert Level	Depth
From	To	Upper End					Lower End			
		(m)	(mm)	1 in	(m)	(m)	(m)	(m)	(m)	(m)
D1	D2	56	300	400	101.700	101.100	0.60	101.700	100.960	0.74
D2	D3	50	300	400	101.700	100.960	0.74	101.700	100.835	0.86
D3	D4	37	300	400	101.700	100.835	0.86	101.700	100.743	0.96
D4	D5	31	300	400	101.700	100.743	0.96	101.700	100.665	1.04
D5	D6	31	300	400	101.700	100.665	1.04	101.700	100.588	1.11
D6	D7	34	300	400	101.700	100.400	1.30	101.700	100.315	1.38
D7	D8	19	300	400	101.700	100.315	1.38	101.700	100.268	1.43
D8	D9	34	300	400	101.700	100.268	1.43	101.700	100.183	1.52
D9	D12	11	300	400	101.700	100.183	1.52	101.700	100.155	1.54
D10	D11	35	300	400	101.700	101.100	0.60	101.700	101.013	0.69
D11	D12	27	300	400	101.700	101.013	0.69	101.700	100.945	0.75
D12	OUT	15	300	400	101.700	100.155	1.54	101.700	100.118	1.58
D13	D14	28	300	400	101.700	101.100	0.60	101.700	101.030	0.67
D14	D15	34	300	400	101.700	101.030	0.67	101.700	100.945	0.75
D15	D16	44	300	400	101.700	100.945	0.75	101.700	100.835	0.86
D16	D17	38	300	400	101.700	100.835	0.86	101.700	100.740	0.96
D17	D18	54	300	400	101.700	100.390	1.31	101.700	100.255	1.45
D18	D19	24	300	400	101.700	100.255	1.45	101.700	100.195	1.51
D19	OUT	15	300	400	101.700	100.195	1.51	101.700	100.158	1.54

DETAILS OF SEWER LINES										
Manhole No.		Length	Dia.	Slope	MH Top Level	Invert Level	Depth	MH Top Level	Invert Level	Depth
					Upper End			Lower End		
From	To	(m)	(mm)	1 in	(m)	(m)	(m)	(m)	(m)	(m)
S1	S2	60	200	200	101.525	100.570	0.95	101.525	100.270	1.26
S2	S3	26	200	200	101.525	100.270	1.26	101.525	100.140	1.39
S3	S4	12	200	200	101.525	100.140	1.39	101.525	100.080	1.45
S4	S5	40	250	250	101.525	100.030	1.50	101.525	99.870	1.66
S5	S7	14	250	250	101.525	99.870	1.66	101.525	99.810	1.72
S6	S7	9	200	200	101.525	99.995	1.53	101.525	99.950	1.58
S7	S8	31	250	250	101.525	99.810	1.72	101.500	99.690	1.81
S8	S15	54	250	250	101.500	99.690	1.81	101.600	99.470	2.13
S9	S10	60	200	200	101.525	100.285	1.24	101.525	99.990	1.54
S10	S11	17	200	200	101.525	99.990	1.54	101.525	99.910	1.62
S11	S12	11	250	250	101.525	99.860	1.67	101.525	99.820	1.71
S12	S14	53	250	250	101.525	99.820	1.71	101.525	99.610	1.92
S13	S14	8	200	200	101.525	99.995	1.53	101.525	99.960	1.57
S14	S15	14	250	250	101.525	99.610	1.92	101.600	99.550	2.05
S15	STP	5	250	250	101.600	99.470	2.13	101.600	99.450	2.15

Project :
PROP. GROUP HOUSING "AMANTARAN"
KHASRA NO.: -180, 182-187, 189-196, VILLAGE
KESHOPURA, TEHSIL SANGANER, JAIPUR

Title :
LAYOUT PLAN

Subtitle :
EXTERNAL SERVICES CO-ORDINATION

Drawing Released For :
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☐ ADVANCE COPY ☒ CONSTRUCTION

Drg. No. : AMANTARAN / ES-04

Scale : 1 : 450 **Drawn By :** Amit Kamboj

Date : August 2019 **Design By :** Sanjay Goel

Ckd By : Anand Havelia

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