

KAILASHA ENCLAVE TOWNSHIP

LEGEND :		
S. No.	SYMBOL	DESCRIPTION
1.	■	SERVICE MANHOLE (600/600 MM)
2.	□/○	M.H. MANHOLE
3.	—○—	SEWER LINE
4.	○	MANHOLE No.
5.	00.000	FORMATION LEVEL (FINISHED ROAD LEVEL)
6.		
7.		
8.		
9.		

- NOTES : (SEWERAGE SYSTEM)
- THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
a) UPTO 900 M.M. DEEP 900 x 800 M.M.
b) 900 TO 2300 M.M. DEEP 1200 x 900 M.M.
c) 2300 M.M. & ABOVE 1500 M.M. DIA.
 - M. S. RUNGS SHALL BE PROVIDED IN EACH MANHOLE WHICH IS DEEPER THAN 800 M.M.
 - THE LEVELS OF SEWER LINES HAS BEEN WORKED OUT ON THE BASIS OF CERTAIN GROUND LEVEL AND FOR CERTAIN PIPE LENGTHS BETWEEN TWO MANHOLES. THE INVERT LEVELS HAS TO BE STRICTLY FOLLOWED. HOWEVER, THE SLOPE OF LINE MAY BE SLIGHTLY CHANGED.
 - FOR ANY DISCREPANCY /OMMISSION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
 - MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES :-
a) AT THE START OF EACH SEWER LINE.
b) AT EVERY JUNCTION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGNMENT.
c) AT NOT MORE THAN 45 METER INTERVAL IN STRAIGHT LENGTH.
 - WHERE THE DIAMETER OF PIPE IS INCREASED THE CROWN OF THE PIPE SHALL BE FIXED AT THE SAME LEVEL AND NECESSARY SLOPE SHALL BE GIVEN IN THE INVERT OF THE MANHOLE CHAMBER

1	06.06.2021	Issued as GFC
rev. no.	date	revision

CLIENT
GAYATRI DEVELOPERS, BHUDEV
PROPCON LLP,

PROJECT
PROPOSED KAILASHA ENCLAVE
TWONSHIP AT SULTANPUR ROAD,
LUCKNOW

DRG. TITLT
LAYOUT PLAN

DATE	SCALE	NORTH
06 Aug–2021	1:1000	

☐ SUBMISSION	☐ INFORMATION
☐ APPROVAL	☒ CONSTRUCTION

DRG. TITLE
LAYOUT PLAN
EXTERNAL SEWERAGE SYSTEM

SERVICES CONSULTANT
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& Consultants (P) Ltd.**
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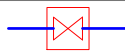
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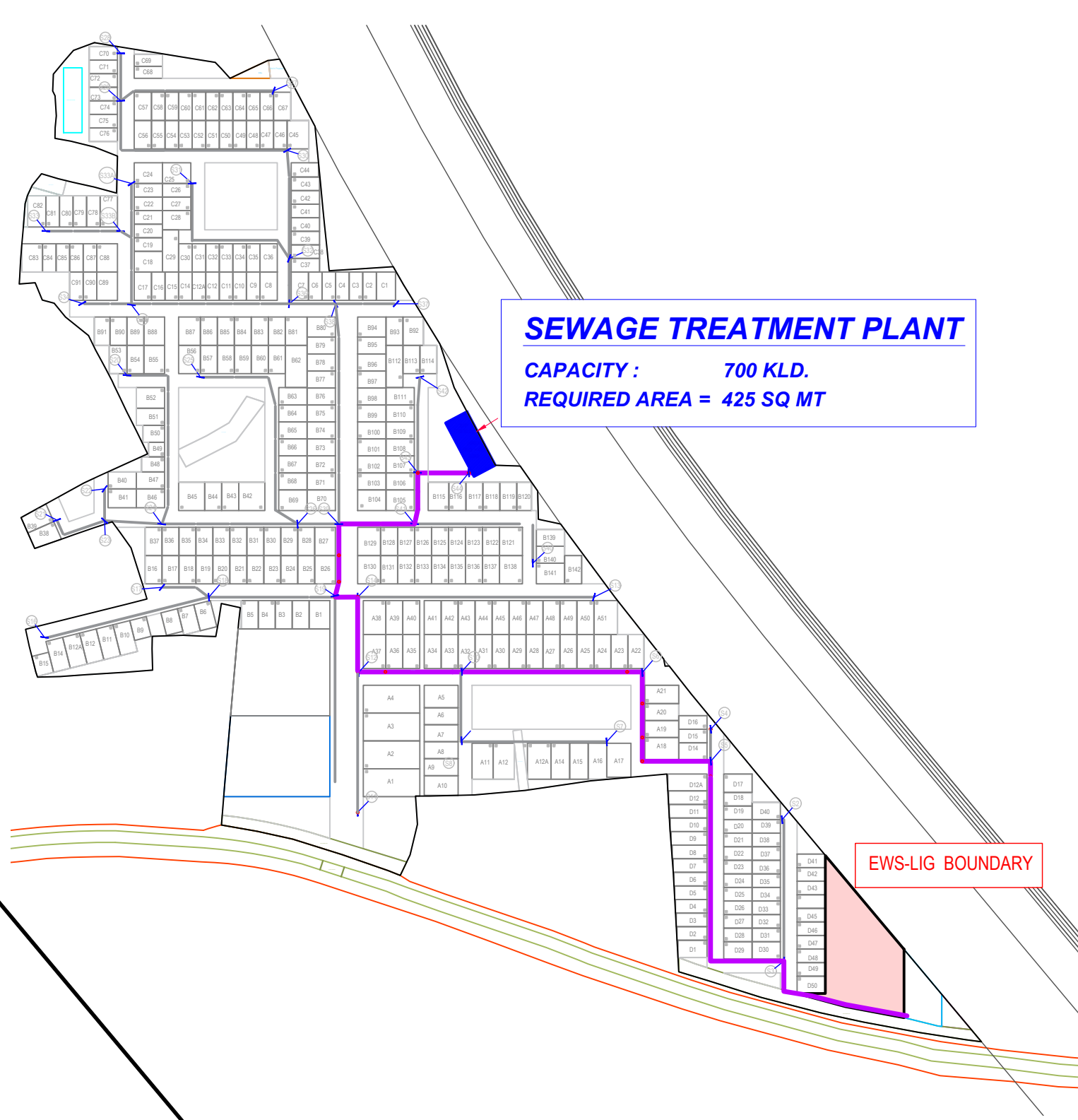
DETAILS OF SEWER LINES									
Manhole No.	Length	Dia.	Slope	MH Top Level		Depth	MH Top Level		Depth
				Upper End	Lower End		Upper End	Lower End	
From	To	(m)	(mm)	1 in	(m)	(m)	(m)	(m)	(m)
S1	S3	85	200	250	0.00	-1.10	1.10	0.00	-1.44
S2	S3	77	200	200	0.00	-1.10	1.10	0.00	-1.49
S3	S5	146	200	250	0.00	-1.49	1.49	0.00	-2.07
S4	S5	18	200	200	0.00	-1.10	1.10	0.00	-1.19
S5	S6	85	200	250	0.00	-2.07	2.07	0.00	-2.41
S6	S10	98	200	250	0.00	-2.41	2.41	0.00	-2.80
S7	S9	77	200	200	0.00	-1.10	1.10	0.00	-1.49
S8	S9	19	200	200	0.00	-1.10	1.10	0.00	-1.20
S9	S10	38	200	200	0.00	-1.49	1.49	0.00	-1.68
S10	S12	55	200	250	0.00	-2.80	2.80	0.00	-3.02
S11	S12	76	200	200	0.00	-1.10	1.10	0.00	-1.48
S12	S14	41	200	250	0.00	-3.02	3.02	0.00	-3.19
S13	S14	127	200	200	0.00	-1.10	1.10	0.00	-1.74
S14	S19	13	200	250	0.00	-3.19	3.19	0.00	-3.24
S15	S19	101	200	200	0.00	-1.10	1.10	0.00	-1.61
S16	S18	92	200	200	0.00	-1.10	1.10	0.00	-1.56
S17	S18	27	200	200	0.00	-1.10	1.10	0.00	-1.24
S18	S19	68	200	200	0.00	-1.56	1.56	0.00	-1.90
S19	S39	39	200	250	0.00	-3.24	3.24	0.00	-3.39
S20	S24	102	200	200	0.00	-1.10	1.10	0.00	-1.61
S21	S23	35	200	200	0.00	-1.10	1.10	0.00	-1.28
S22	S23	19	200	200	0.00	-1.10	1.10	0.00	-1.20
S23	S24	30	200	200	0.00	-1.28	1.28	0.00	-1.43
S24	S26	74	200	200	0.00	-1.61	1.61	0.00	-1.98
S25	S26	124	200	200	0.00	-1.10	1.10	0.00	-1.72
S26	S39	22	200	200	0.00	-1.98	1.98	0.00	-2.09
S27	S29	84	200	200	0.00	-1.10	1.10	0.00	-1.52
S28	S29	27	200	200	0.00	-1.10	1.10	0.00	-1.24
S29	S30	117	200	200	0.00	-1.52	1.52	0.00	-2.11
S30	S32	59	200	200	0.00	-2.11	2.11	0.00	-2.40
S31	S32	89	200	200	0.00	-1.10	1.10	0.00	-1.55
S32	S36	30	200	200	0.00	-2.40	2.40	0.00	-2.55
S33	S33B	41	200	200	0.00	-1.10	1.10	0.00	-1.31
S33A	S33B	26	200	200	0.00	-1.10	1.10	0.00	-1.23
S33B	S35	51	200	200	0.00	-1.31	1.31	0.00	-1.56
S34	S35	37	200	200	0.00	-1.10	1.10	0.00	-1.29
S35	S36	79	200	200	0.00	-1.56	1.56	0.00	-1.96
S36	S38	27	200	200	0.00	-2.55	2.55	0.00	-2.69
S37	S38	35	200	200	0.00	-1.10	1.10	0.00	-1.28
S38	S39	114	200	200	0.00	-2.69	2.69	0.00	-3.26
S39	S41	42	250	350	0.00	-3.44	3.44	0.00	-3.56
S40	S41	85	200	200	0.00	-1.10	1.10	0.00	-1.53
S41	S43	19	250	350	0.00	-3.56	3.56	0.00	-3.62
S42	S43	62	200	200	0.00	-1.10	1.10	0.00	-1.41
S43	S44	32	250	350	0.00	-3.62	3.62	0.00	-3.71
S44	STP	5	250	350	0.00	-3.71	3.71	0.00	-3.72

SEWAGE TREATMENT PLANT

CAPACITY : 700 KLD.
REQUIRED AREA = 425 SQ MT

Proposed Plots

LEGEND : (Plumbing)		
S. No.	SYMBOL	DESCRIPTION
1.		110 Ø uPVC SOIL AND VENT PIPE
2.		110 Ø uPVC WASTE AND VENT PIPE
3.		110 Ø uPVC RAIN WATER PIPE
4.		75 Ø uPVC RAIN WATER PIPE
5.		WATER SUPPLY DROP FROM TANK TO TOILET / KITCHEN
6.		WATER PURIFIER
7.	 A.T.	ABLUTION TAP
8.		COLD WATER SUPPLY PIPE (CWS)
9.		HOT WATER SUPPLY PIPE (HWS)
10.		ISOLATING VALVE
11.		ISOLATING VALVE IN MASONRY CHAMBER
12.		NON RETURN VALVE
13.		STAINER
14.	 F.T.	FLOOR TRAP
15.	 G.T.	GULLY TRAP
16.	 M.H.	MANHOLE
17.		ORRISA PAN W. C.
18.		COUNTER WASH BASIN
19.		SINK WITH DRAIN BOARD
19.	I.L.	INVERT LEVEL
19.	G.L.	GROUND LEVEL



KEY PLAN
SHOWING EWS-LIG SEWER DISCHARGE
TOWARD MAIN STP OF TOWNSHIP

