

OVER HEAD SERVICE RESERVOIR
CAPACITY : 400 KLD.
STAGING HEIGHT : 18 METER

SEWAGE TREATMENT PLANT
CAPACITY : 700 KLD.
REQUIRED AREA = 425 SQ MT

DETAILS OF DRAIN LINES										
Catch Pit No.	From	To	Length	Dia.	Slope	C.P. Top Level		Invert Level	Depth	
						Upper End	Lower End			
			(m)	(mm)	1 in	(m)	(m)	(m)	(m)	(m)
D1	D4		80	250	300	0.00	-0.90	0.90	0.00	-1.17
D2	D4		82	250	300	0.00	-0.90	0.90	0.00	-1.17
D3	D4		76	250	300	0.00	-0.90	0.90	0.00	-1.15
D4	D7		144	250	300	0.00	-1.17	1.17	0.00	-1.65
D5	D7		100	250	300	0.00	-0.90	0.90	0.00	-1.23
D6	D7		24	250	300	0.00	-0.90	0.90	0.00	-0.98
D7	D8		63	300	500	0.00	-1.65	1.65	0.00	-1.78
D8	D10		88	300	500	0.00	-1.78	1.78	0.00	-1.96
D9	D10		31	250	300	0.00	-0.90	0.90	0.00	-1.00
D10	D12		26	400	600	0.00	-1.96	1.96	0.00	-2.00
D11	D12		87	250	300	0.00	-0.90	0.90	0.00	-1.19
D12	D14		59	400	600	0.00	-2.00	2.00	0.00	-2.10
D13	D14		78	250	300	0.00	-0.90	0.90	0.00	-1.16
D14	D16		8	400	600	0.00	-2.10	2.10	0.00	-2.11
D15	D16		146	250	300	0.00	-0.90	0.90	0.00	-1.39
D16	D18		39	400	600	0.00	-2.11	2.11	0.00	-2.18
D17	D18		128	250	300	0.00	-0.90	0.90	0.00	-1.33
D18	D20		8	400	600	0.00	-2.18	2.18	0.00	-2.19
D19	D20		127	250	300	0.00	-0.90	0.90	0.00	-1.32
D20	D22		32	400	600	0.00	-2.19	2.19	0.00	-2.24
D21	D22		89	250	300	0.00	-0.90	0.90	0.00	-1.20
D22	D26		8	400	600	0.00	-2.24	2.24	0.00	-2.26
D23	D25		84	250	300	0.00	-0.90	0.90	0.00	-1.18
D24	D25		68	250	300	0.00	-0.90	0.90	0.00	-1.13
D25	D26		39	250	300	0.00	-1.18	1.18	0.00	-1.31
D26	D49		106	500	700	0.00	-2.26	2.26	0.00	-2.41
D27	D30		126	250	300	0.00	-0.90	0.90	0.00	-1.32
D28	D29		99	250	300	0.00	-0.90	0.90	0.00	-1.23
D29	D30		66	250	300	0.00	-1.23	1.23	0.00	-1.45
D30	D33		8	250	300	0.00	-1.45	1.45	0.00	-1.48
D31	D32		89	250	300	0.00	-0.90	0.90	0.00	-1.20
D32	D33		104	250	300	0.00	-1.20	1.20	0.00	-1.54
D33	D35		33	250	300	0.00	-1.54	1.54	0.00	-1.65
D34	D35		111	250	300	0.00	-0.90	0.90	0.00	-1.27
D35	D41		8	300	500	0.00	-1.65	1.65	0.00	-1.67
D36	D38		31	250	300	0.00	-0.90	0.90	0.00	-1.00
D37	D38		15	250	300	0.00	-0.90	0.90	0.00	-0.95
D38	D40		98	250	300	0.00	-1.00	1.00	0.00	-1.33
D39	D40		54	250	300	0.00	-0.90	0.90	0.00	-1.08
D40	D41		34	250	300	0.00	-1.33	1.33	0.00	-1.44
D41	D48		106	400	600	0.00	-1.67	1.67	0.00	-1.85
D42	D45		57	250	300	0.00	-0.90	0.90	0.00	-1.09
D43	D45		52	250	300	0.00	-0.90	0.90	0.00	-1.07
D44	D45		30	250	300	0.00	-0.90	0.90	0.00	-1.00
D45	D47		39	250	300	0.00	-1.09	1.09	0.00	-1.22
D46	D47		54	250	300	0.00	-0.90	0.90	0.00	-1.08
D47	D48		88	250	300	0.00	-1.22	1.22	0.00	-1.51
D48	D49		9	400	600	0.00	-1.85	1.85	0.00	-1.86
D49	D50		31	500	500	0.00	-2.41	2.41	0.00	-2.47
D50	OUT 1		10	500	500	0.00	-2.47	2.47	0.00	-2.49
D51	D53		84	250	300	0.00	-0.90	0.90	0.00	-1.18
D52	D53		11	250	300	0.00	-0.90	0.90	0.00	-0.94
D53	D61		119	250	300	0.00	-1.18	1.18	0.00	-1.58
D54	D56		91	250	300	0.00	-0.90	0.90	0.00	-1.20
D55	D56		51	250	300	0.00	-0.90	0.90	0.00	-1.07
D56	D58		9	250	300	0.00	-1.20	1.20	0.00	-1.23
D57	D58		51	250	300	0.00	-0.90	0.90	0.00	-1.07
D58	D60		33	250	300	0.00	-1.23	1.23	0.00	-1.34
D59	D60		23	250	300	0.00	-0.90	0.90	0.00	-0.98
D60	D61		9	250	300	0.00	-1.34	1.34	0.00	-1.37
D61	D69		79	400	600	0.00	-1.58	1.58	0.00	-1.71
D62	D64		64	250	300	0.00	-0.90	0.90	0.00	-1.11
D63	D64		12	250	300	0.00	-0.90	0.90	0.00	-0.94
D64	D68		38	250	300	0.00	-1.11	1.11	0.00	-1.24
D65	D67		25	250	300	0.00	-0.90	0.90	0.00	-0.98
D66	D67		13	250	300	0.00	-0.90	0.90	0.00	-0.94
D67	D68		42	250	300	0.00	-0.98	0.98	0.00	-1.12
D68	D69		38	250	300	0.00	-1.24	1.24	0.00	-1.37
D69	D70		70	400	500	0.00	-1.71	1.71	0.00	-1.85
D70	OUT 2		10	400	500	0.00	-1.85	1.85	0.00	-1.87

Drng. No. KA.EN.TP/- ES-03

KAILASHA ENCLAVE TOWNSHIP

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.	C.P.	CATCH PIT
2.		UNDER GROUND DRAIN
3.	C.P.	CATCH PIT(600 X 600)
4.	F.L.	FORMATION LEVEL (FINISHED ROAD TOP LEVEL)
5.	I.L.	INVERT LEVEL
6.		DESILTING TANK (2500X1750X3000 MM)
7.		RECHARGE PIT (3500X1750X3000 MM)
8.	00.000	FORMATION LEVEL (FINISHED ROAD LEVEL)
9.		RAIN WATER HARVESTING

NOTES :

- THE LEVELS OF DRAINS LINES HAS BEEN WORKED OUT ON THE BASIS OF CERTAIN GROUND LEVEL AND FOR CERTAIN DRAIN LENGTHS BETWEEN TWO POINTS. THE INVERT LEVEL HAS TO BE STRICTLY FOLLOWED. HOWEVER, THE SLOPE OF LINE MAY BE SLIGHTLY CHANGED.
- FOR ANY DESCREPCY / OMISSION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
- THE SIZE OF CATCH PITS / MANHOLES SHALL BE AS UNDER (INNER SIZE)
 - UPTO 900 M.M. DEPTH 600 X 600 M.M.
 - 900 TO 1650 M.M. DEPTH 900 M.M. DIA.
 - 1650 TO 2250 M.M. DEPTH 1200 M.M. DIA.
 - ABOVE 2250 M.M. DEPTH 1500 M.M. DIA.
- THE DRAIN / CATCH PIT / PIPE BEDDING SHALL HAVE TO BE STRUCTURALLY DESIGNED FOR LOCAL SITE CONDITIONS SUCH AS FILLED UP SOIL / BLACK COTTON SOIL / HIGH SUB SOIL CONDITIONS.
- CATCH PIT COVER SHOULD BE FINISHED WITH FINISHED FORMATION LEVEL AS PER LANDSCAPE DRAWING.
- BEFORE TAKING UP THE EXECUTION, THE FEASIBILITY OF CONNECTION OF DRAIN WITH THE OUTSIDE DRAINAGE MAY PLEASE BE CHECKED. ANY DISCREPCY MAY BE REPORTED TO THE CONSULTANT.
- THIS DRAWING SHALL BE READ ALONG WITH THE GROUND FLOOR PLAN OF RESPECTIVE BUILDING FOR EXACT LOCATION OF APPUTENANCES / CATCH PITS ETC.
- DRAIN LINE UNDER THE ROAD SHALL BE ENCASED WITH 150 TH, PCC 1:2:4 ALLROUND.
- THIS DRAWING SHALL BE COORDINATED WITH OTHER DRAWING I.e. ARCHITECTURE, STRUCTURAL, ELECTRICAL, LANDSCAPE & OTHER RELEVANT DRAWING.
- MATERIAL OF PIPE :-
RCC (NP 2) PIPE

rev. no.	date	revision
1	09.08.2021	Issued as GFC

CLIENT

GAYATRI DEVELOPERS, BHUDEV
PROPCON LLP,

PROJECT

PROPOSED KAILASHA ENCLAVE
TOWNSHIP AT SULTANPUR ROAD,
LUCKNOW

DRG. TITLE

LAYOUT PLAN

DATE	SCALE	NORTH
09 Aug-2021	1:1000	

☐ SUBMISSION	☐ INFORMATION
☐ APPROVAL	☒ CONSTRUCTION

DRG. TITLE

LAYOUT PLAN
EXTERNAL DRAINAGE SYSTEM

SERVICES CONSULTANT

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& Consultants (P) Ltd.**
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