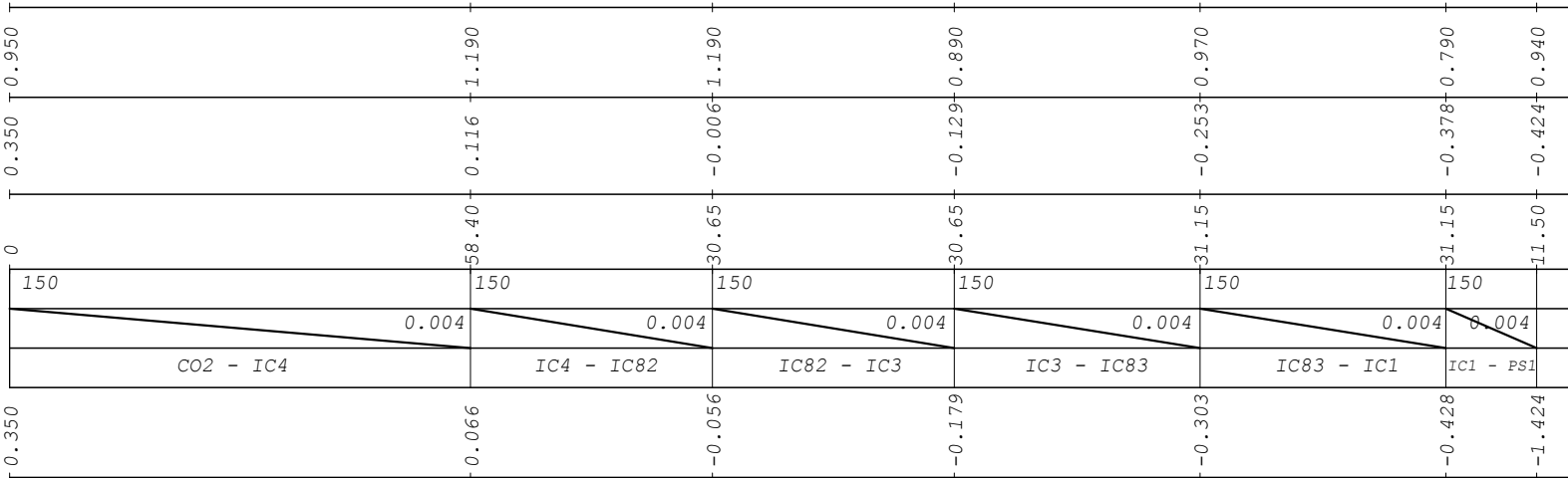


Madaveli Island - Longitudinal Section C0-2 > PS-1 (PS-1)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

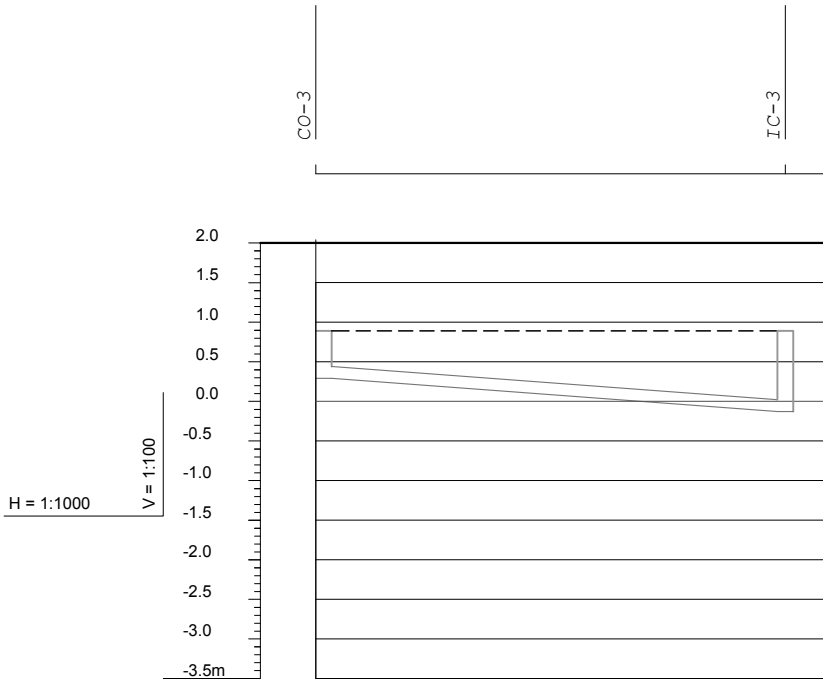
LEGEND

----- Ground Level

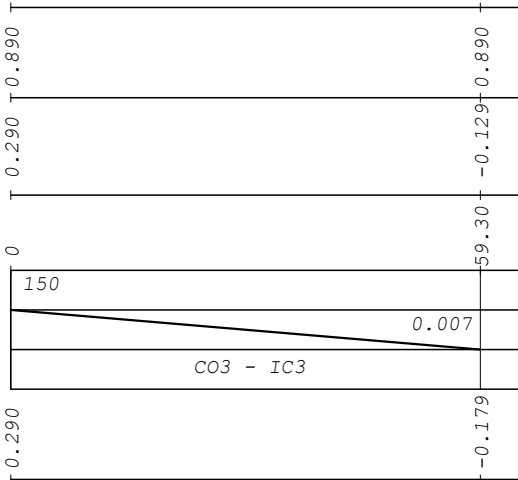
===== Pipe

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C03 > IC-3 (PS-1)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

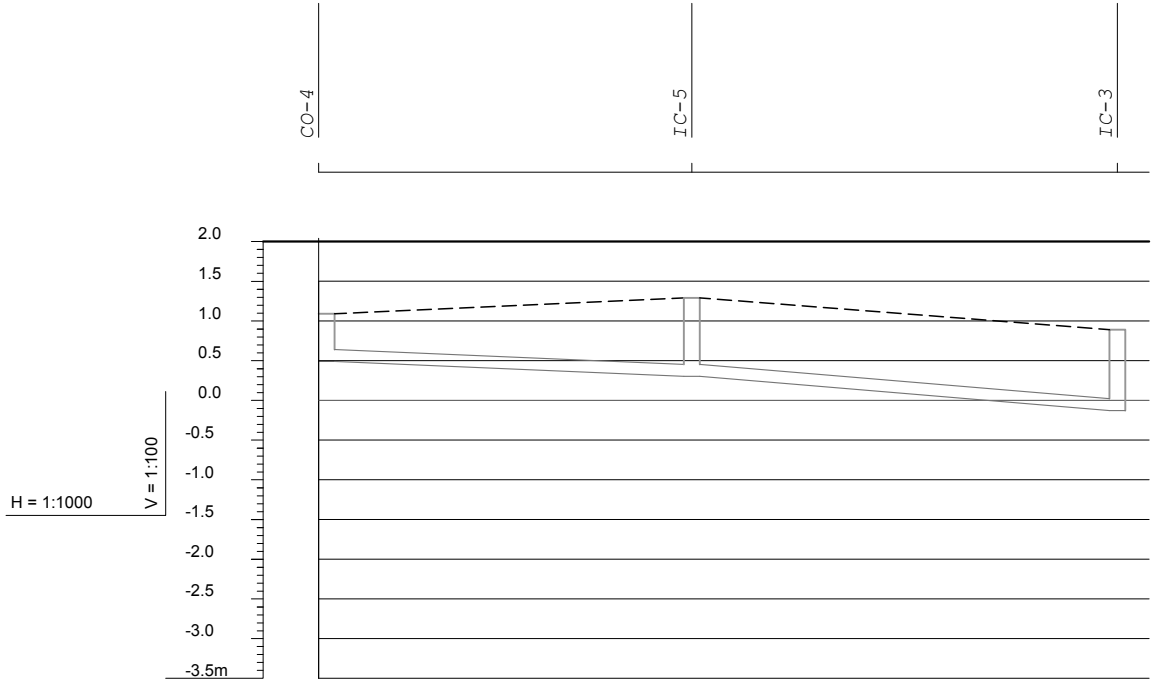
- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Project : GDH.Madaveli Sewerage Network

TITLE : LONGITUDINAL SECTIONS PS01 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	1
Date.	19 - 04 - 2017	Drg. No.	MDV/GS/LS/PS01/01

Madaveli Island - Longitudinal Section C0-4 > IC-3 (PS-1)



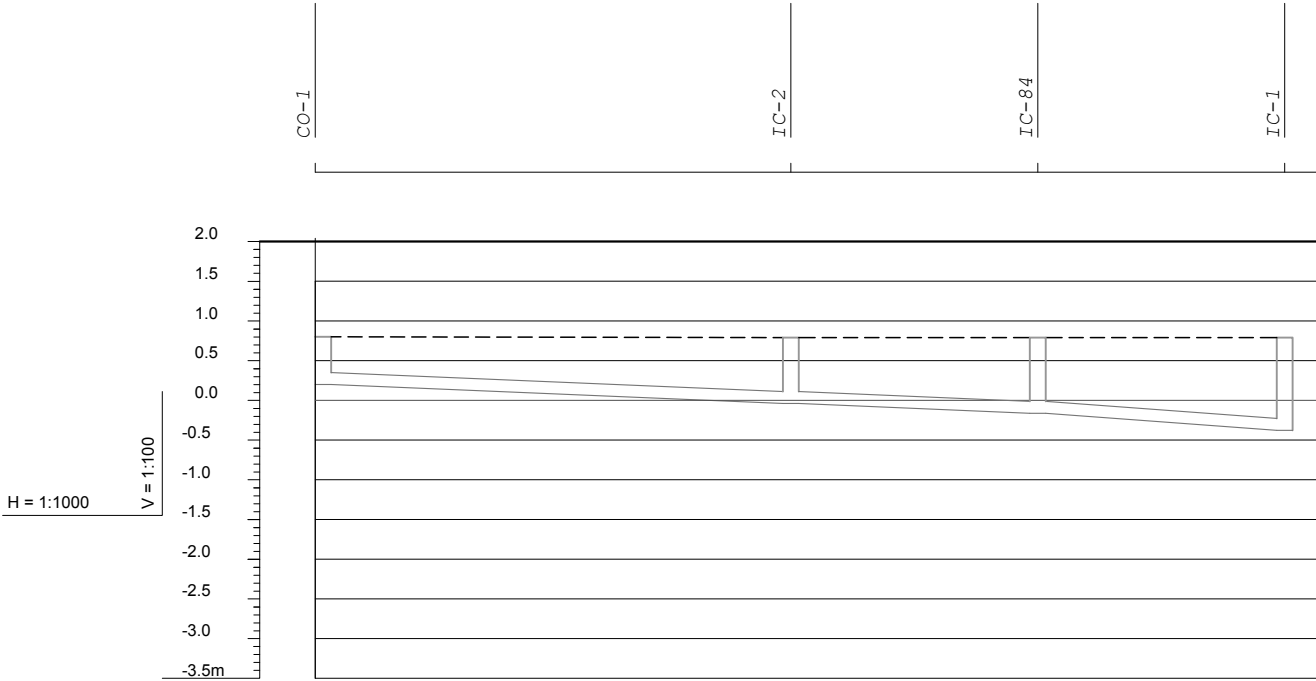
Ground Level (m MSL)	1.090	1.290	0.890
Pipe Invert Level (m MSL)	0.490	0.302	-0.129
Distance(m)	0	47.00	53.60
Pipe Diameter(m)	150	150	
Pipe Slope		0.004	0.008
Pipe Reach		CO4 - IC5	IC5 - IC3
Chamber Invert Level (m MSL)	0.490	0.252	-0.179

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND	
-----	Ground Level
=====	Pipe
	Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C01 > IC-1 (PS-1)



Ground Level (m MSL)	0.800	0.790	0.790	0.790
Pipe Invert Level (m MSL)	0.200	-0.039	-0.163	-0.378
Distance(m)	0	59.90	31.10	62.20
Pipe Diameter(m)	150	150	150	
Pipe Slope		0.004	0.004	0.005
Pipe Reach		CO1 - IC2	IC2 - IC84	IC84 - IC1
Chamber Invert Level (m MSL)	0.200	-0.089	-0.213	-0.428

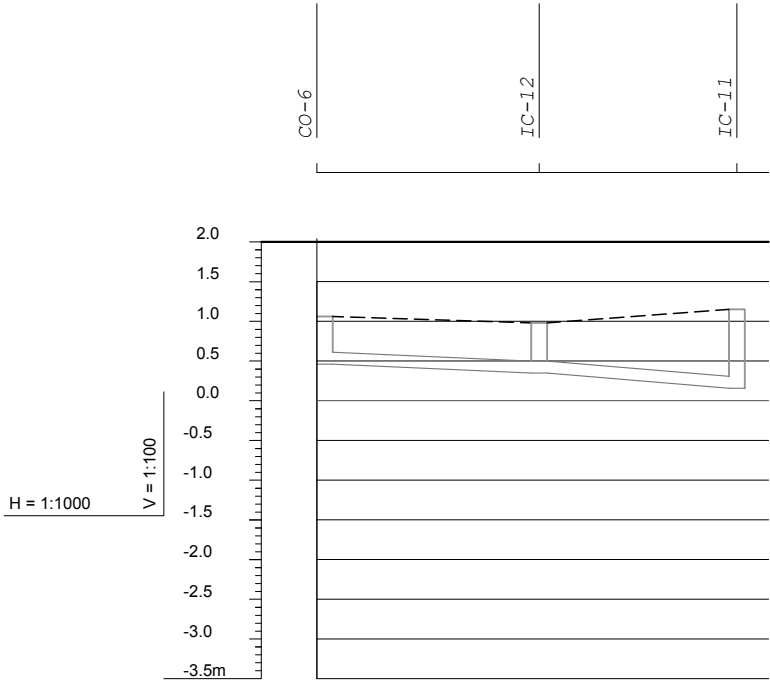
NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS01 - Madaveli	
Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	2
Date.	19 - 04 - 2017	Drg. No.	MDV/GS/LS/PS01/01

Madaveli Island - Longitudinal Section C06 > IC-11 (PS-2)

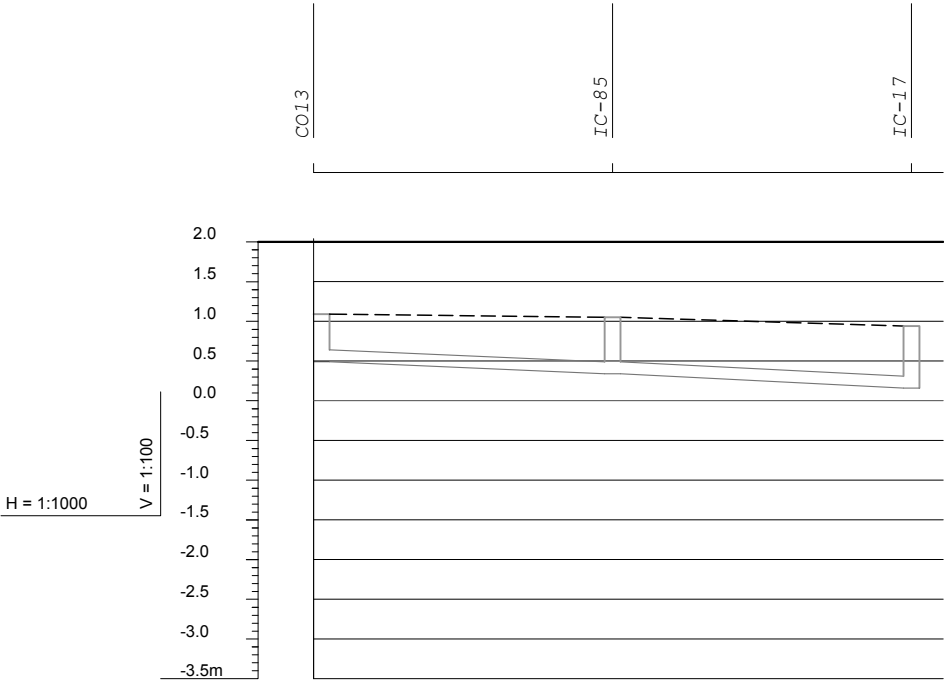


Ground Level (m MSL)	1.060	0.980	1.150
Pipe Invert Level (m MSL)	0.460	0.348	0.157
Distance(m)	0	28.00	24.90
Pipe Diameter(m)	150	150	
Pipe Slope	0.004	0.007	
Pipe Reach	CO6 - IC12	IC12 - IC11	
Chamber Invert Level (m MSL)	0.460	0.298	0.107

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C013 > IC-17 (PS-2)



Ground Level (m MSL)	1.090	1.050	0.940
Pipe Invert Level (m MSL)	0.490	0.339	0.159
Distance(m)	0	37.65	37.65
Pipe Diameter(m)	150		
Pipe Slope	0.004	0.004	
Pipe Reach	CO13 - IC85	IC85 - IC17	
Chamber Invert Level (m MSL)	0.490	0.289	0.109

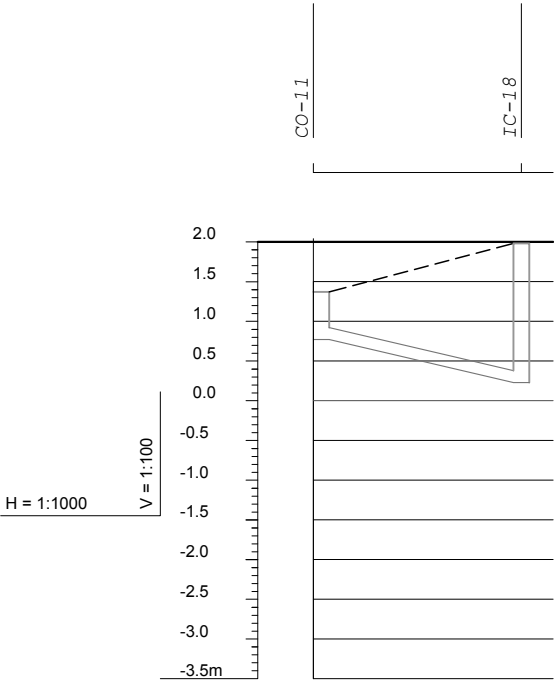
LEGEND

- Ground Level
- =====

Pipe
- ┐

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C011 > IC-18 (PS-2)



Ground Level (m MSL)	1.370	1.980
Pipe Invert Level (m MSL)	0.770	0.228
Distance(m)	0	26.20
Pipe Diameter(m)	150	
Pipe Slope	0.020	
Pipe Reach	CO11 - IC18	
Chamber Invert Level (m MSL)	0.770	0.178

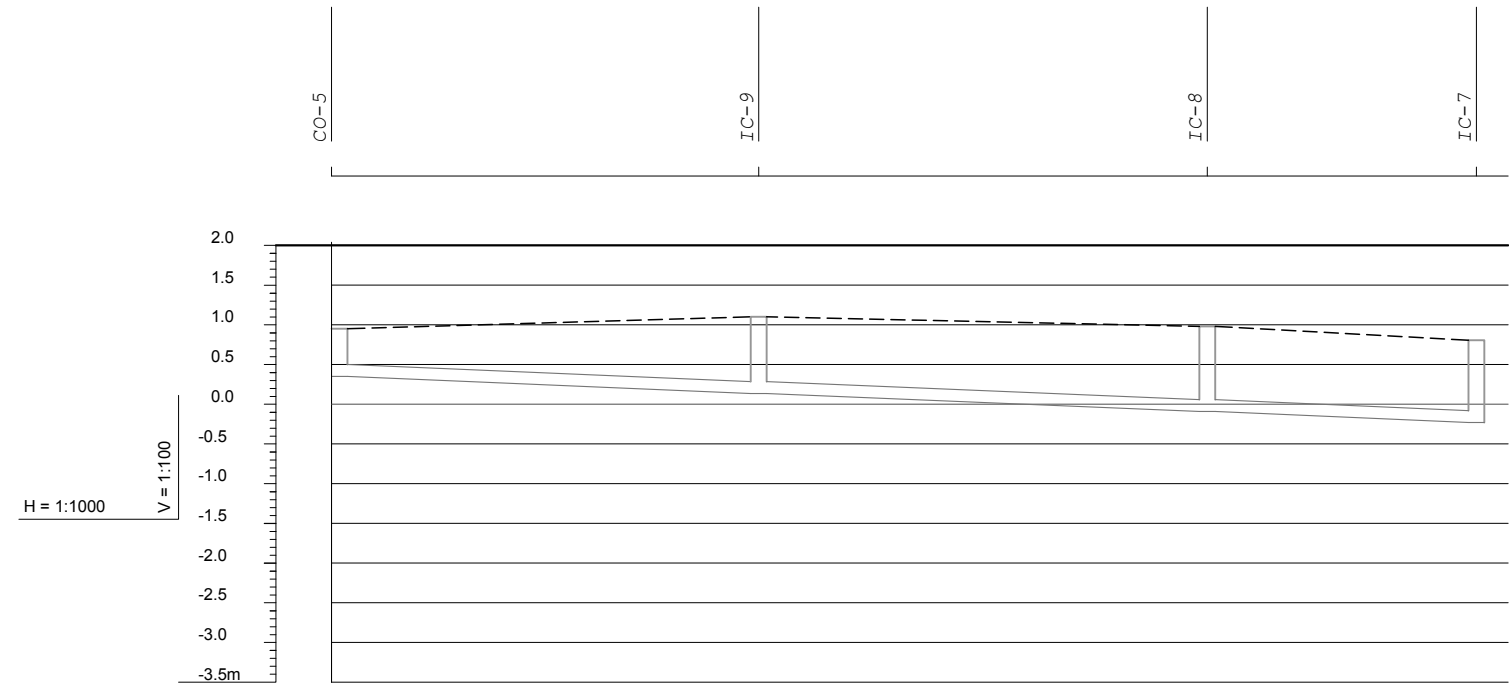
NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS02 - Madaveli	
Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	1
Date.	19 - 04 - 2017	Drg. No.	MDV/GS/LS/PS02/01

Madaveli Island - Longitudinal Section C05 > IC-7 (PS-2)



Ground Level (m MSL)	0.950	1.100	0.980	0.805
Pipe Invert Level (m MSL)	0.350	0.134	-0.092	-0.231
Distance(m)	0	53.80	56.50	33.90
Pipe Diameter(m)	150			
Pipe Slope		0.004	0.004	0.004
Pipe Reach	C05 - IC9		IC9 - IC8	
Chamber Invert Level (m MSL)	0.350	0.074	-0.142	-0.281

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

=====

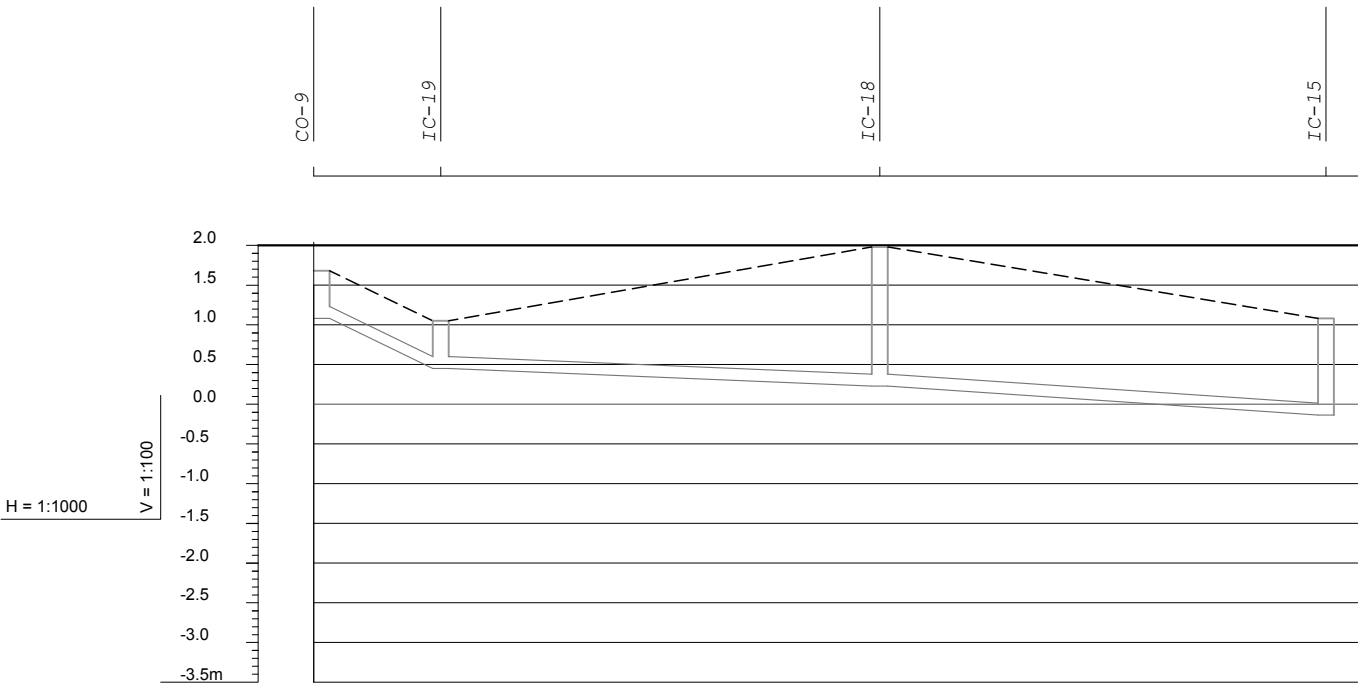
Pipe

┐

┌

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section
C09 > IC-15 (PS-2)

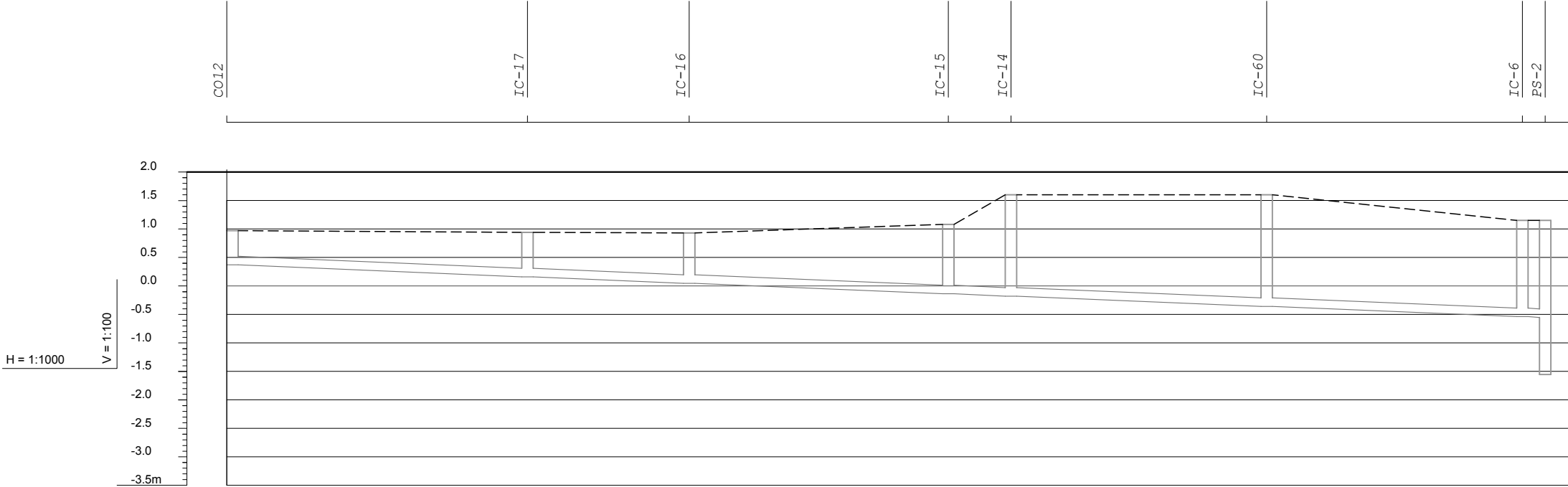


Ground Level (m MSL)	1.680	1.050	1.980	1.080
Pipe Invert Level (m MSL)	1.080	0.450	0.228	-0.137
Distance(m)	0	16.00	55.30	56.20
Pipe Diameter(m)	150			
Pipe Slope	0.039	0.004	0.020	
Pipe Reach	C09 - IC19	IC19 - IC18	IC18 - IC15	
Chamber Invert Level (m MSL)	1.080	0.400	0.178	-0.187

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C012 > PS-2 (PS-2)



Ground Level (m MSL)	0.970	0.940	0.930	1.080	1.600	1.600	1.150	1.150
Pipe Invert Level (m MSL)	0.370	0.159	0.045	-0.137	-0.181	-0.360	-0.539	-0.555
Distance(m)	0	52.80	28.40	45.50	11.00	44.90	44.90	4.00
Pipe Diameter(m)	150	150	150	150	150	150	150	150
Pipe Slope	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe Reach	C012 - IC17		IC17 - IC16		IC16 - IC15		IC15 - IC14	
Chamber Invert Level (m MSL)	0.370	0.109	-0.005	-0.187	-0.231	-0.410	-0.589	-1.555

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

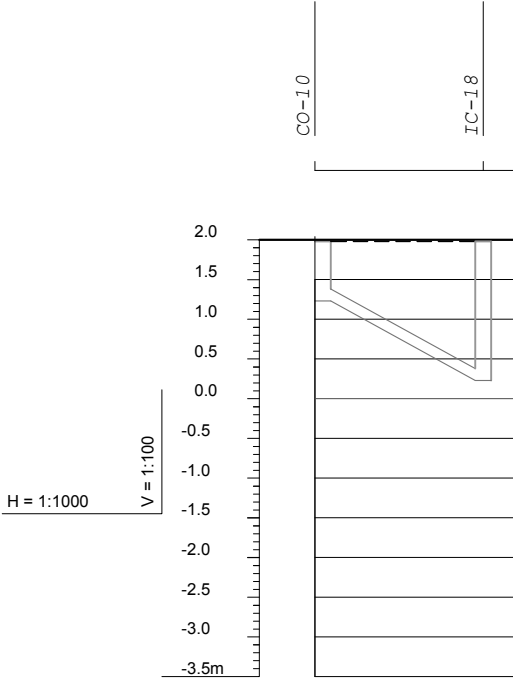
=====

Pipe

┌┐

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C010 > IC-18 (PS-2)



Ground Level (m MSL)	1.980	1.980
Pipe Invert Level (m MSL)	1.230	0.228
Distance(m)	0	21.20
Pipe Diameter(m)	150	150
Pipe Slope	0.047	0.047
Pipe Reach	C010 - IC18	
Chamber Invert Level (m MSL)	1.380	0.178

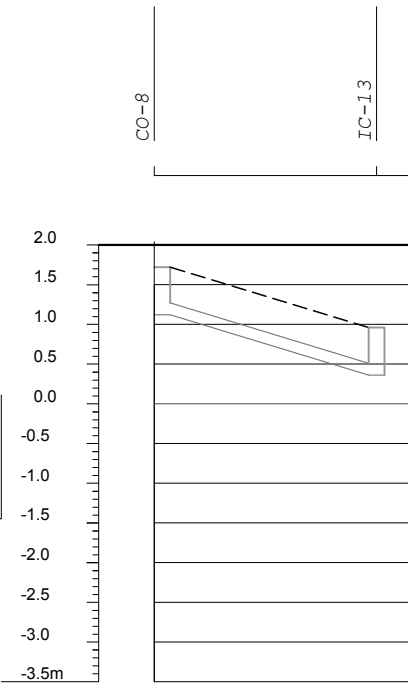
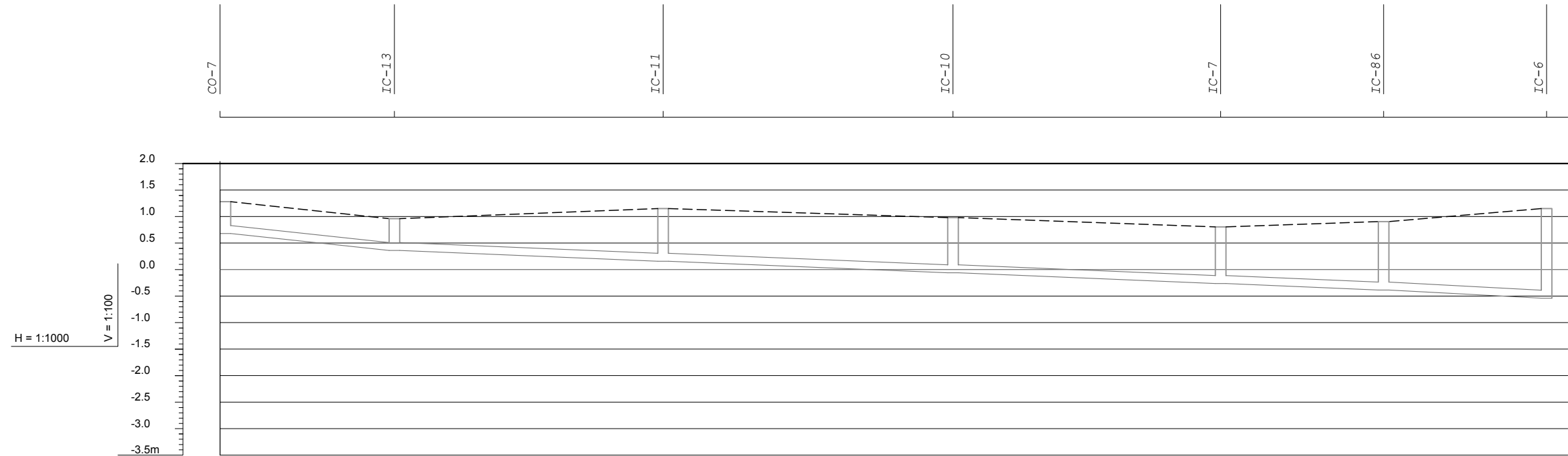
NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

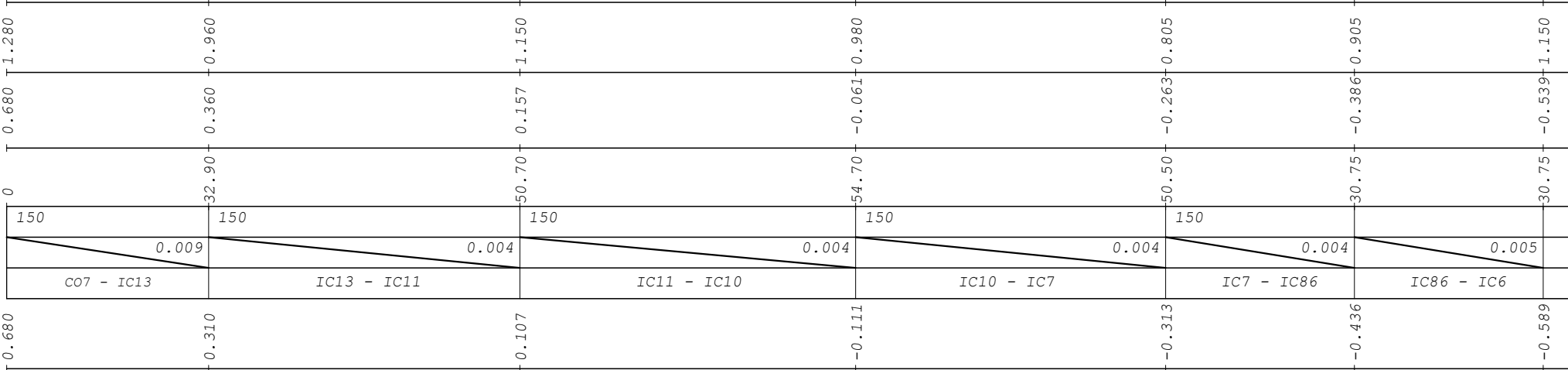
Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS02 - Madaveli	
Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	3
Date.	19 - 04 - 2017	Drg. No.	MDV/GS/LS/PS02/01

Madaveli Island - Longitudinal Section CO7 > PS-2 (PS-2)

Madaveli Island - Longitudinal Section
C08 > IC-13 (PS-2)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

=====

Pipe

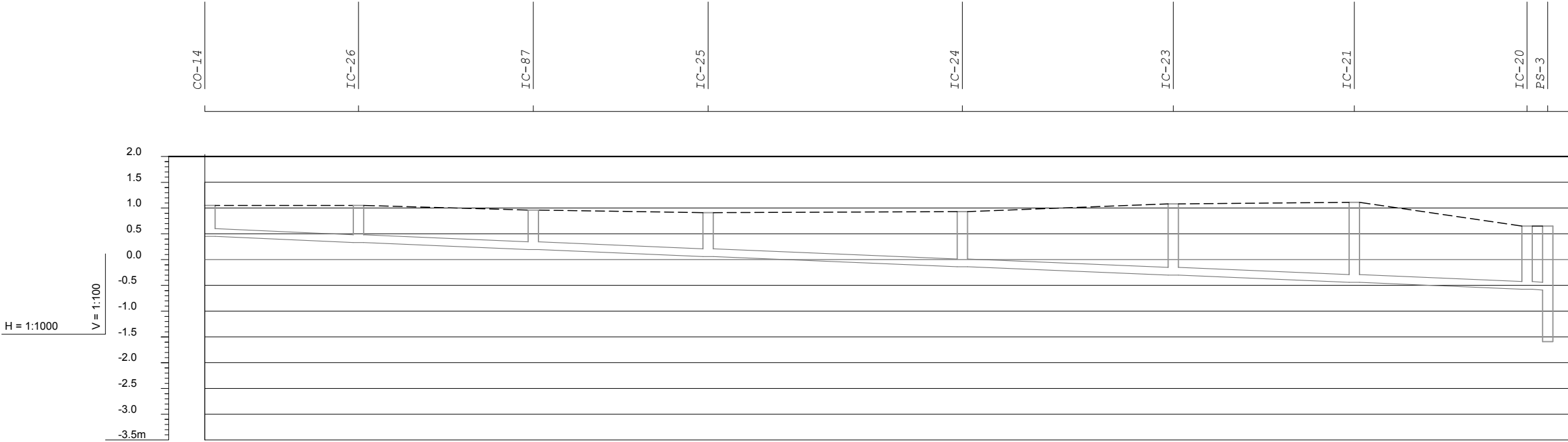
┐

Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C014 > PS-3 (PS-3)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)

1.050	1.050	0.960	0.910	0.930	1.080	1.110	0.650	0.650
0.450	0.330	0.194	0.058	-0.139	-0.302	-0.442	-0.576	-0.592
0	29.80	33.90	33.90	49.30	40.90	35.10	33.50	4.00
150	150	150	150	150	150	150	150	150
0.004	0.004	0.007	0.007	0.007	0.007	0.007	0.007	0.007
CO14 - IC26	IC26 - IC87	IC87 - IC25	IC25 - IC24	IC24 - IC23	IC23 - IC21	IC21 - IC20	IC20 - PS3	
0.450	0.270	0.144	0.008	-0.189	-0.352	-0.492	-0.626	-1.592

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

=====

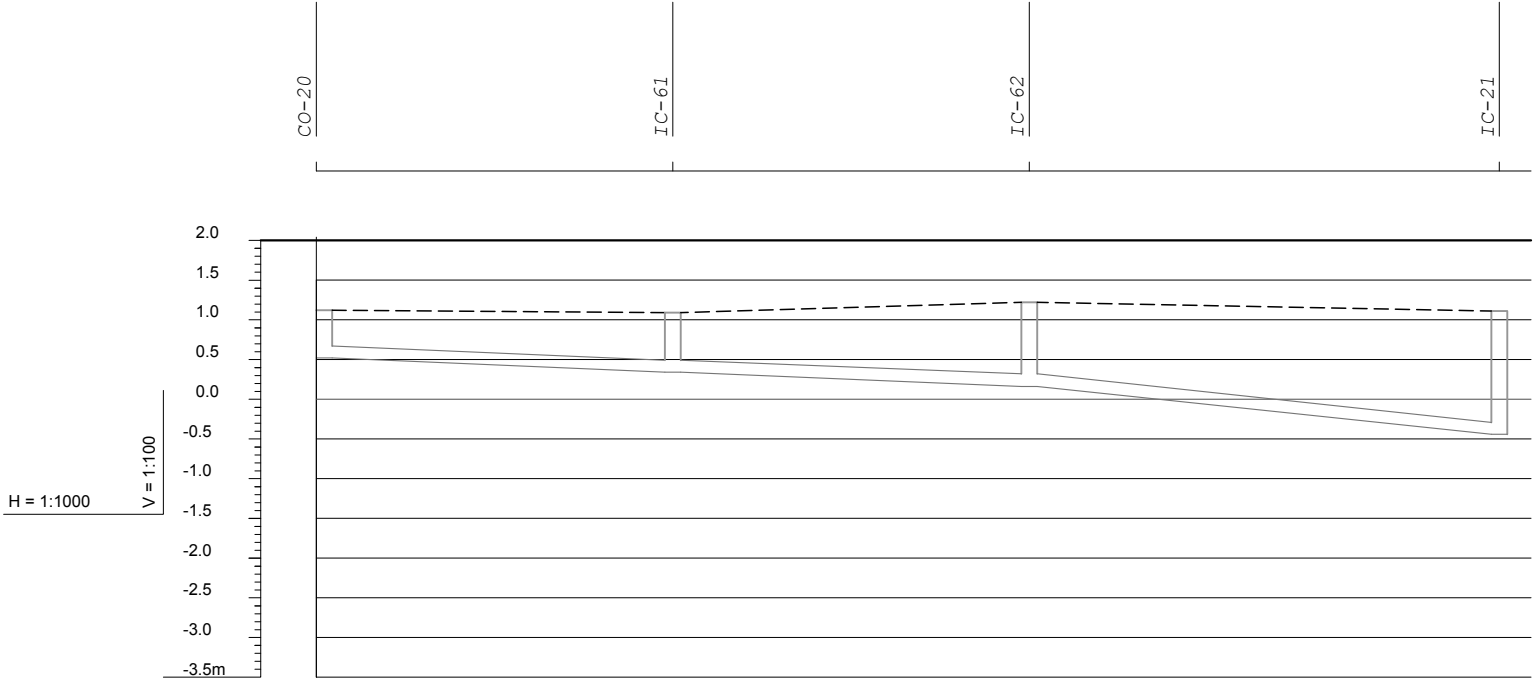
Pipe

Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C020 > IC-21 (PS-3)



Ground Level (m MSL)	1.120	1.090	1.220	1.110
Pipe Invert Level (m MSL)	0.520	0.340	0.160	-0.442
Distance(m)	0	44.90	44.90	59.20
Pipe Diameter(m)	150	150	150	
Pipe Slope	0.004	0.004	0.010	
Pipe Reach	CO20 - IC61	IC61 - IC62	IC62 - IC21	
Chamber Invert Level (m MSL)	0.520	0.290	0.110	-0.492

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

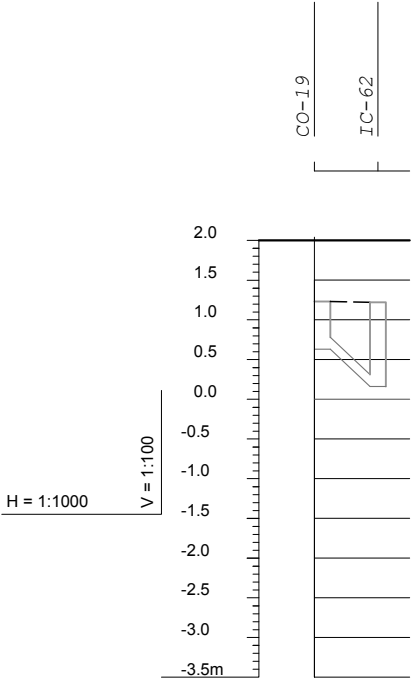
LEGEND

Ground Level

Pipe

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C019 > IC-62 (PS-3)

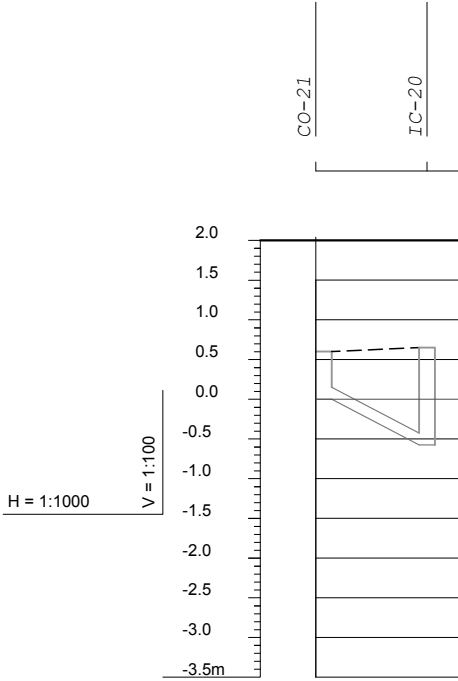


Ground Level (m MSL)	1.230	1.220
Pipe Invert Level (m MSL)	0.630	0.160
Distance(m)	0	8.00
Pipe Diameter(m)	150	
Pipe Slope	0.058	
Pipe Reach	CO19 - IC62	
Chamber Invert Level (m MSL)	0.630	0.110

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C021 > IC-20 (PS-3)



Ground Level (m MSL)	0.600	0.650
Pipe Invert Level (m MSL)	0.000	-0.576
Distance(m)	0	14.00
Pipe Diameter(m)	150	
Pipe Slope	0.032	
Pipe Reach	CO21 - IC20	
Chamber Invert Level (m MSL)	0.000	-0.626

FENAKA

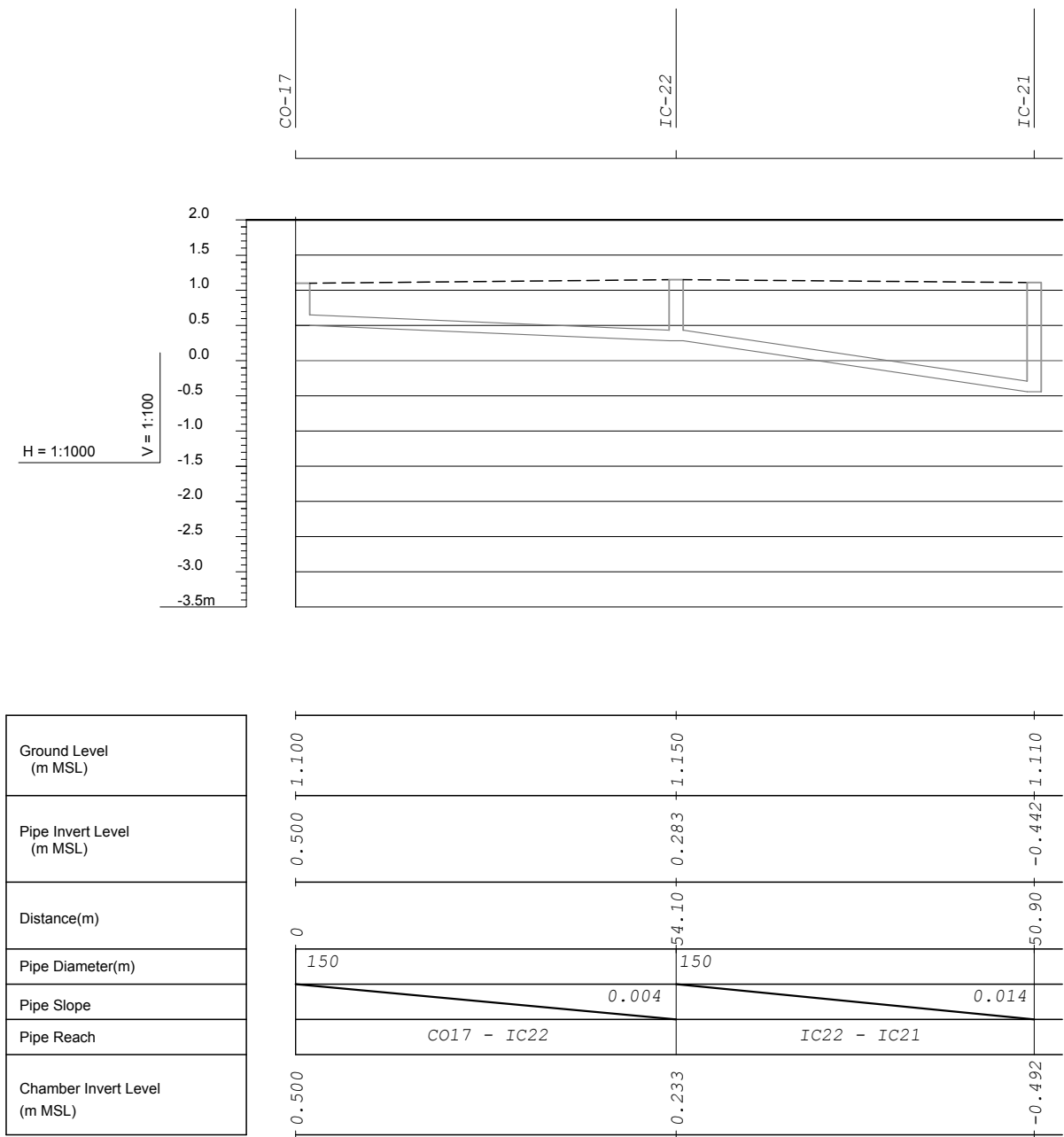
CORPORATION LIMITED

Project : GDH.Madaveli
Sewerage Network

TITLE : LONGITUDINAL SECTIONS
PS03 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	2
Date.	19 - 04 - 2017	Drg. No.	MDV/GS/LS/PS03/01

Madaveli Island - Longitudinal Section C017 > IC-21 (PS-3)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

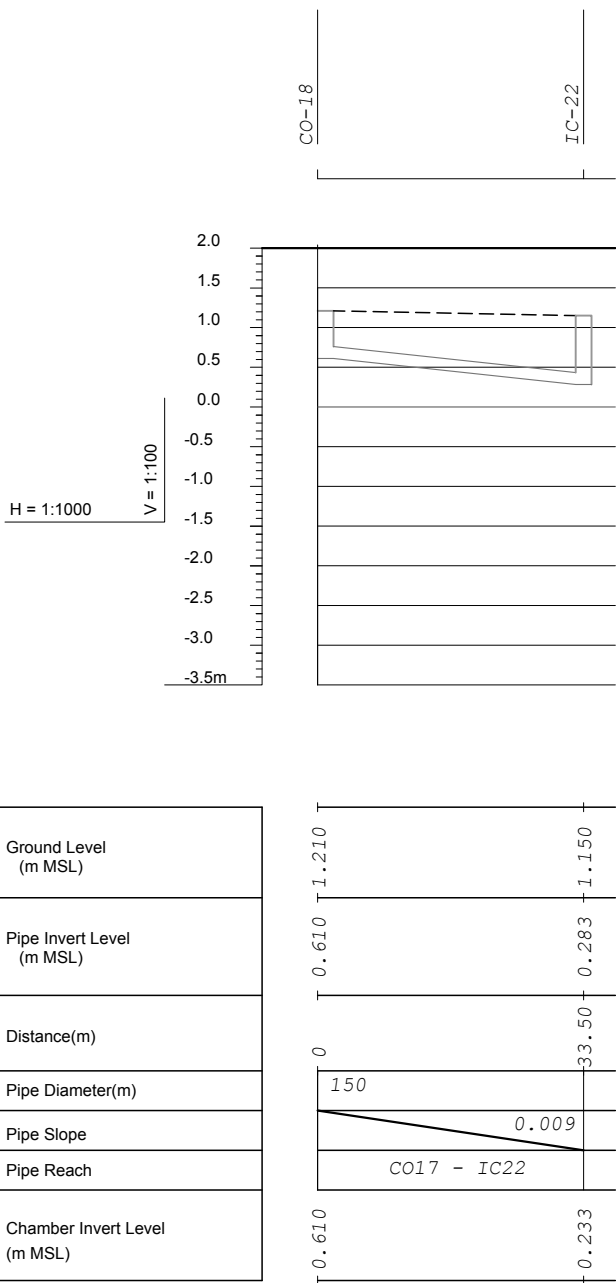
LEGEND

Ground Level

Pipe

Manhole/Rodding Eye

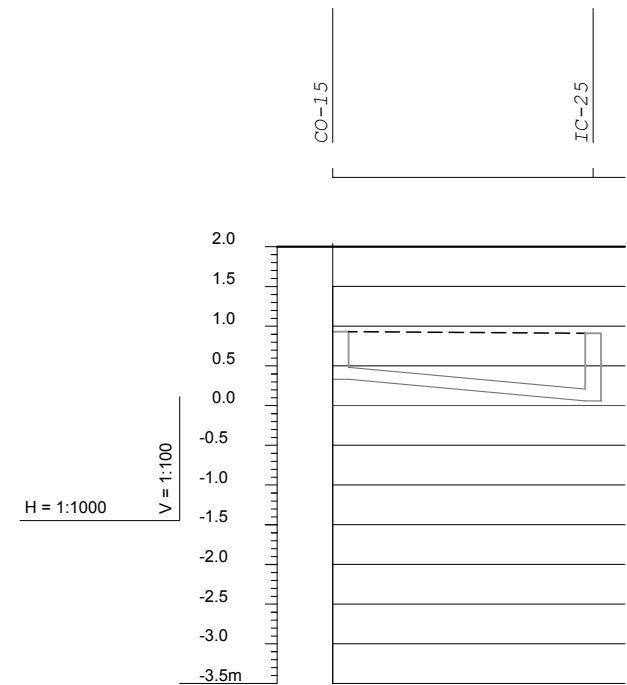
Madaveli Island - Longitudinal Section C018 > IC-22 (PS-3)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section
 C015 > IC-25 (PS-3)



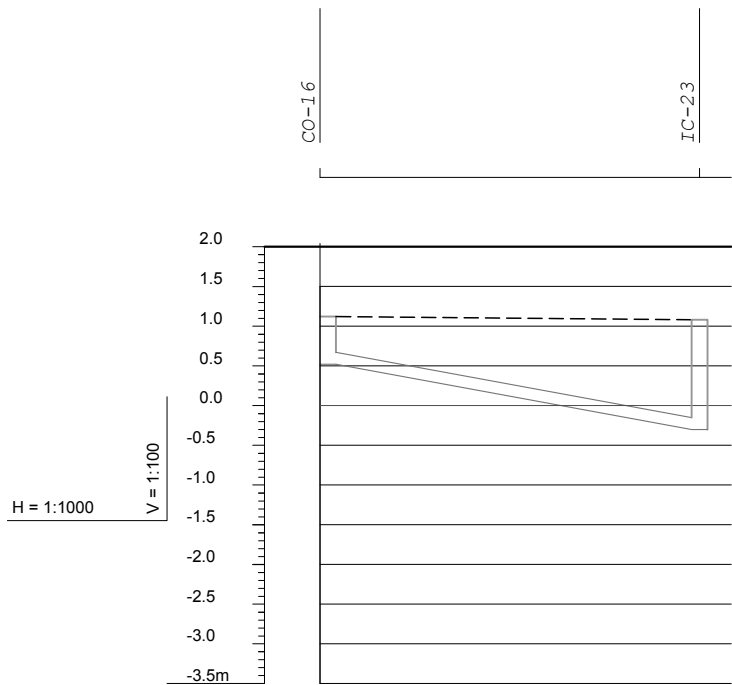
Ground Level (m MSL)	0.930	0.910
Pipe Invert Level (m MSL)	0.330	0.058
Distance(m)	0	32.80
Pipe Diameter(m)	150	
Pipe Slope	0.008	
Pipe Reach	CO15- IC25	
Chamber Invert Level (m MSL)	0.330	0.008

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND	
-----	Ground Level
=====	Pipe
⊥	Manhole/Rodding Eye


Madaveli Island - Longitudinal Section C016 > IC-23 (PS-3)



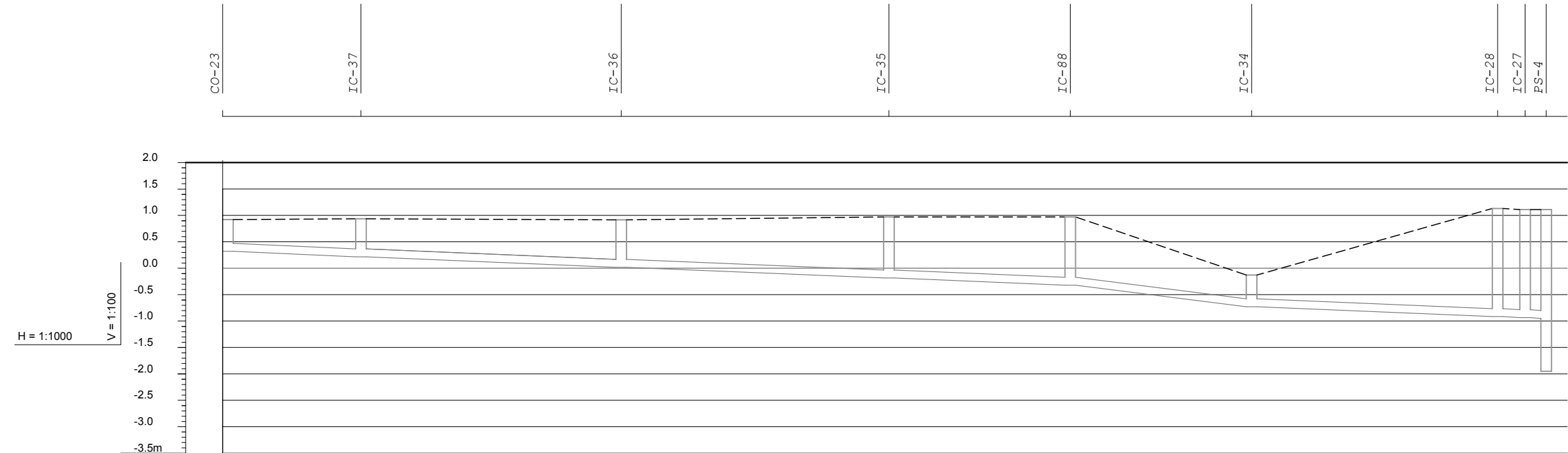
Ground Level (m MSL)	1.120	1.080
Pipe Invert Level (m MSL)	0.520	-0.302
Distance(m)	0	47.80
Pipe Diameter(m)	150	
Pipe Slope	0.017	
Pipe Reach	CO16 - IC23	
Chamber Invert Level (m MSL)	0.520	-0.352

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

	Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS03 - Madaveli	
	Designed.	SANJAYA	Drawn.	SANJAYA
	Checkd.	PWT	Scale.	AS SHOWN
	Approved.		Sheet No.	4
	Date.	19 - 04 - 2017	Drg. No.	MDV/GS/LS/PS03/01

Madaveli Island - Longitudinal Section C023 > PS-4 (PS-4)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)

0.920	0.935	0.915	0.970	0.970	0.130	1.130	1.110	1.100
0.320	0.215	0.017	-0.185	-0.322	-0.730	-0.916	-0.936	-0.952
0	26.20	49.30	50.70	34.35	34.35	46.60	5.20	4.00
150	150	150	150	150	150	150	150	150
0.004	0.004	0.004	0.004	0.004	0.011	0.004		
CO23 - IC37	IC37 - IC36	IC36 - IC35	IC35 - IC88	IC88 - IC34	IC34 - IC28	IC28 - IC27	IC27 - PS4	
0.320	0.165	-0.033	-0.020	-0.372	-0.780	-0.916	-0.986	-1.952

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

=====


Pipe

⊥

Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

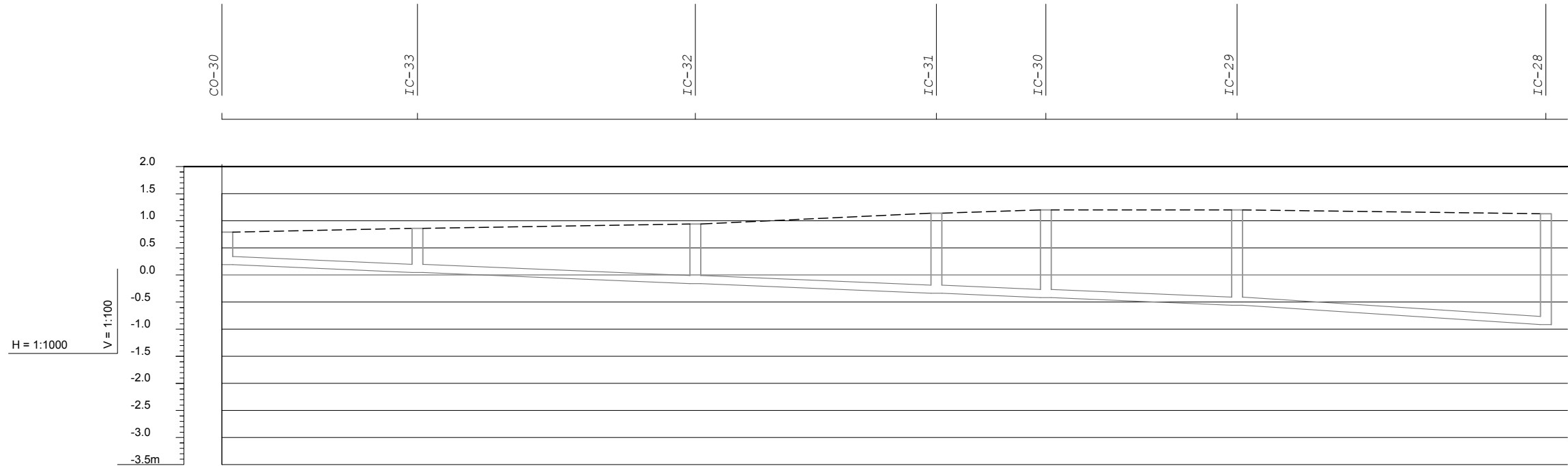


Project : GDH.Madaveli
Sewerage Network

TITLE : LONGITUDINAL SECTIONS
PS04 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	1
Date.	21 - 04 - 2017	Drg. No.	MDV/GS/LS/PS04/01

Madaveli Island - Longitudinal Section C030 > IC-28 (PS-4)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)

0.790	0.860	0.940	1.140	1.200	1.200	1.130
0.190	0.045	-0.160	-0.338	-0.418	-0.559	-0.916
0	36.10	51.30	44.50	20.20	35.30	57.00
150	150	150	150	150	150	
0.004	0.004	0.004	0.004	0.004	0.004	0.006
CO30 - IC33	IC33 - IC32	IC32 - IC31	IC31 - IC30	IC30 - IC29	IC29 - IC28	
0.190	-0.005	-0.210	-0.388	-0.468	-0.609	-0.916

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

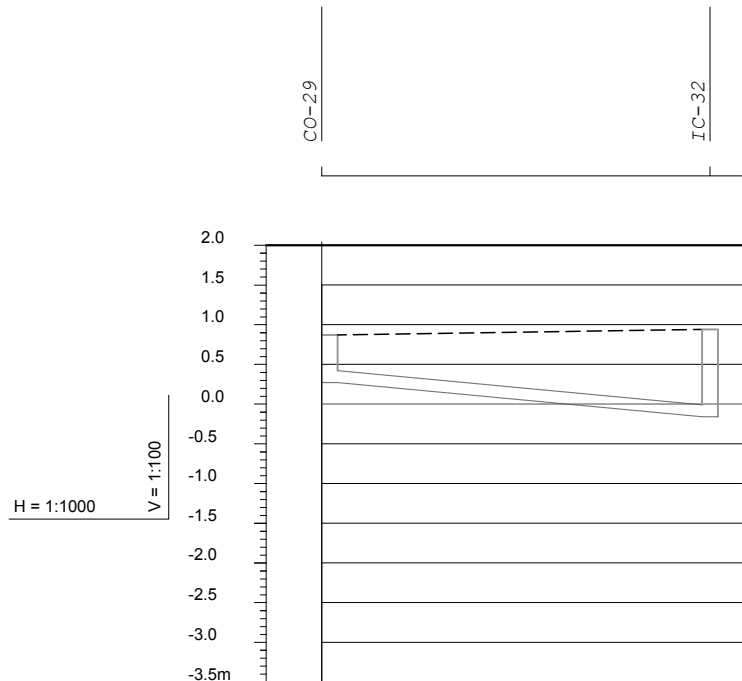
Pipe

Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section
C029 > IC-32 (PS-4)

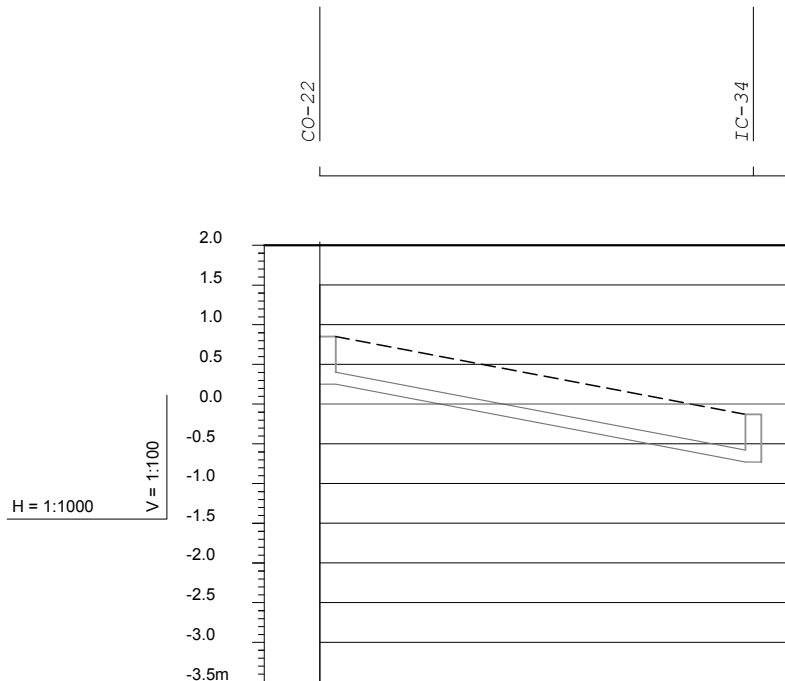


Ground Level (m MSL)	0.870	0.940
Pipe Invert Level (m MSL)	0.270	-0.160
Distance(m)	0	48.90
Pipe Diameter(m)	150	
Pipe Slope		0.008
Pipe Reach	C029 - IC32	
Chamber Invert Level (m MSL)	0.270	-0.210

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section
C022 > IC-34 (PS-4)

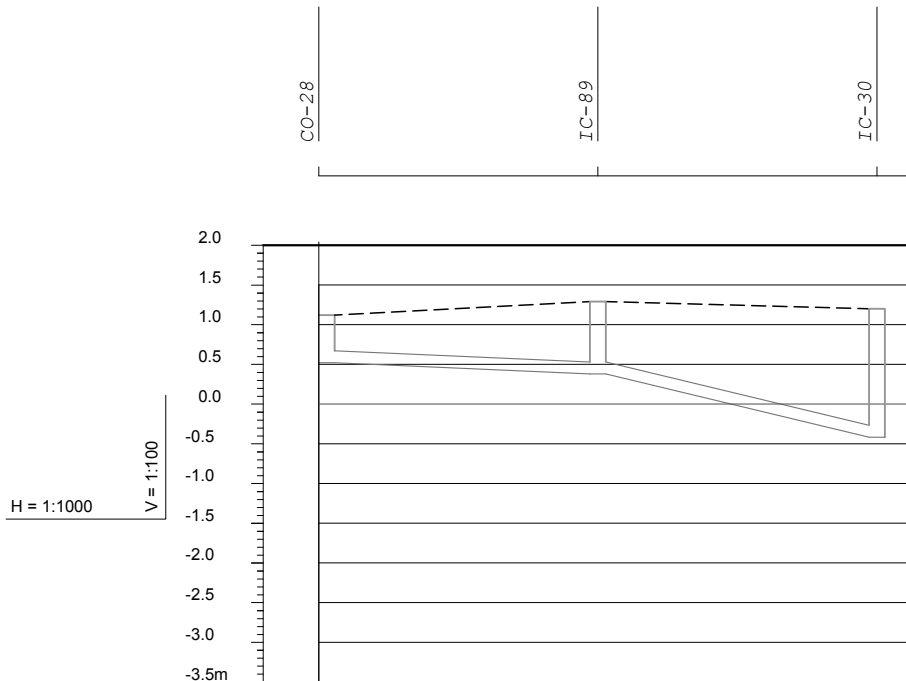


Ground Level (m MSL)	0.850	-0.130
Pipe Invert Level (m MSL)	0.250	-0.730
Distance(m)	0	54.60
Pipe Diameter(m)	150	
Pipe Slope		0.017
Pipe Reach	C022 - IC34	
Chamber Invert Level (m MSL)	0.250	-0.780

LEGEND

- Ground Level
- ===== Pipe
- Manhole/Rodding Eye

Madaveli Island - Longitudinal Section
C028 > IC-30 (PS-4)



Ground Level (m MSL)	1.120	1.200	1.200
Pipe Invert Level (m MSL)	0.520	0.379	-0.418
Distance(m)	0	35.15	35.15
Pipe Diameter(m)	150		
Pipe Slope		0.004	0.022
Pipe Reach	C028 - IC89		IC89 - IC30
Chamber Invert Level (m MSL)	0.520	0.329	-0.468

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



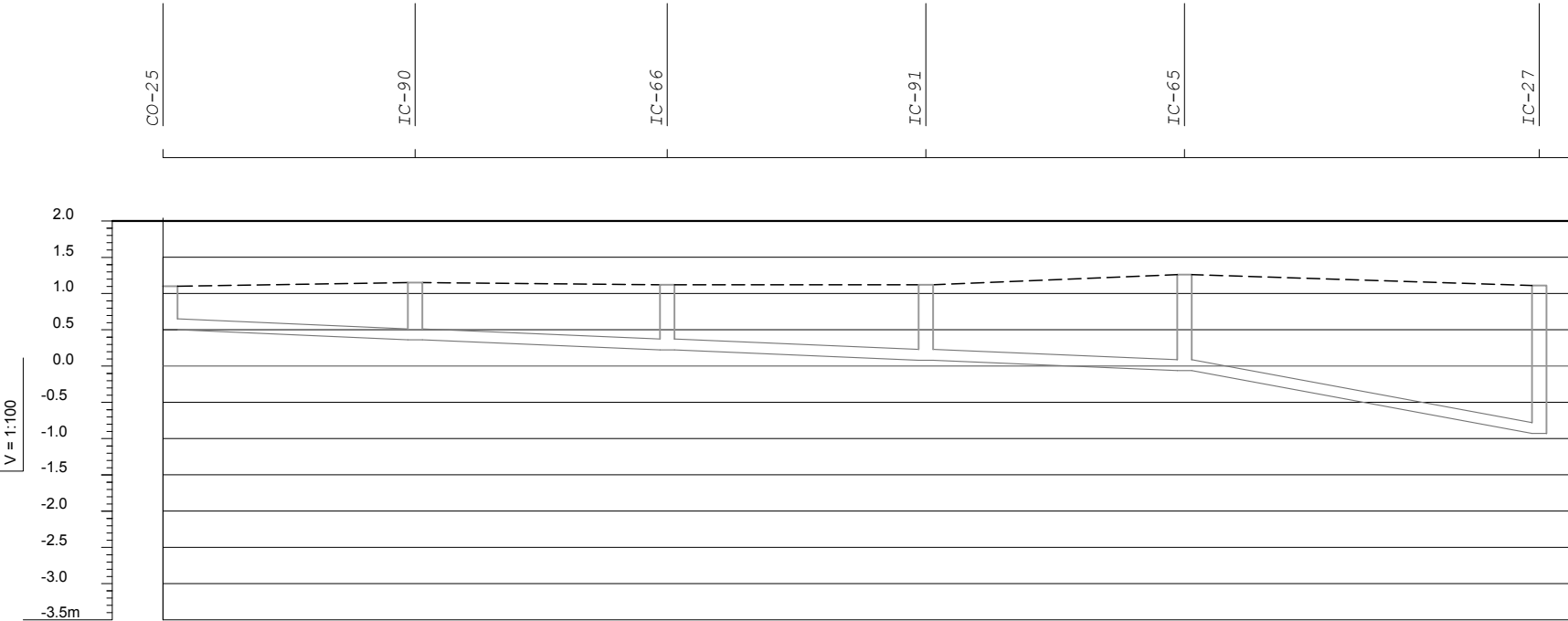
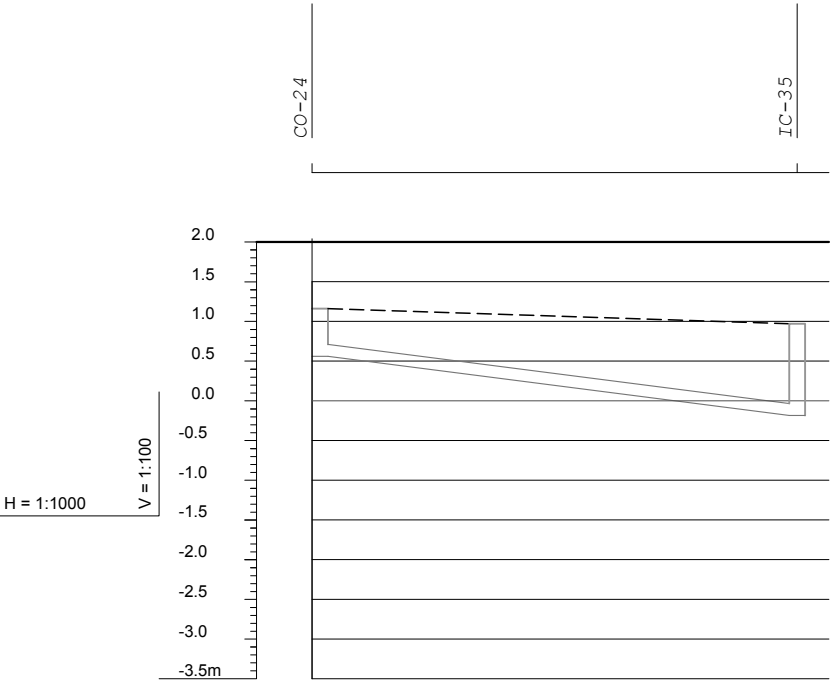
Project : GDH.Madaveli
Sewerage Netwok

TITLE : LONGITUDINAL SECTIONS
PS04 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	3
Date.	21 - 04 - 2017	Drg. No.	MDV/GS/LS/PS04/01

Madaveli Island - Longitudinal Section
C024 > IC-35 (PS-4)

Madaveli Island - Longitudinal Section
C025 > IC-27 (PS-4)



Ground Level (m MSL)	1.160	0.970
Pipe Invert Level (m MSL)	0.560	-0.185
Distance(m)	0	60.00
Pipe Diameter(m)	150	
Pipe Slope		0.012
Pipe Reach	C024 - IC35	
Chamber Invert Level (m MSL)	0.560	-0.020

Ground Level (m MSL)	1.100	1.150	1.120	1.120	1.260	1.110
Pipe Invert Level (m MSL)	0.500	0.361	0.222	0.079	-0.063	-0.930
Distance(m)	0	34.75	34.75	35.65	35.65	48.90
Pipe Diameter(m)	150					
Pipe Slope		0.004	0.004	0.004	0.004	0.017
Pipe Reach	C025 - IC90		IC90 - IC66	IC66 - IC91	IC91 - IC65	IC65 - IC27
Chamber Invert Level (m MSL)	0.500	0.311	0.172	0.029	-0.113	-0.980

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

- Ground Level
- ===== Pipe
- Manhole/Rodding Eye

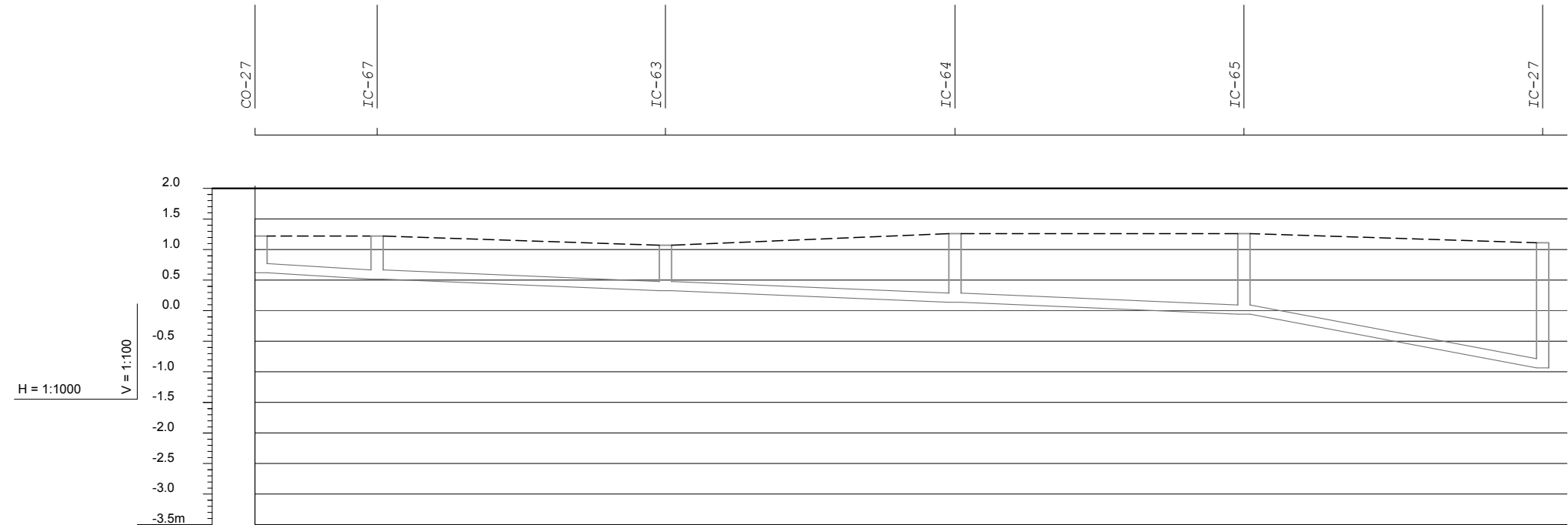
NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS04 - Madaveli	
Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	4
Date.	21 - 04 - 2017	Drg. No.	MDV/GS/LS/PS04/01

Madaveli Island - Longitudinal Section
C027 > IC-27 (PS-4)



Ground Level (m MSL)	1.220	1.220	1.070	1.260	1.260	1.110
Pipe Invert Level (m MSL)	0.620	0.516	0.327	0.137	-0.057	-0.936
Distance(m)	0	20.00	47.20	47.40	47.30	48.90
Pipe Diameter(m)	150	150	150	150	150	
Pipe Slope	0.004	0.004	0.004	0.004	0.004	0.017
Pipe Reach	CO27 - IC67	IC67 - IC63	IC63 - IC64	IC64 - IC65	IC65 - IC27	
Chamber Invert Level (m MSL)	0.620	0.466	0.277	0.087	-0.107	-0.986

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

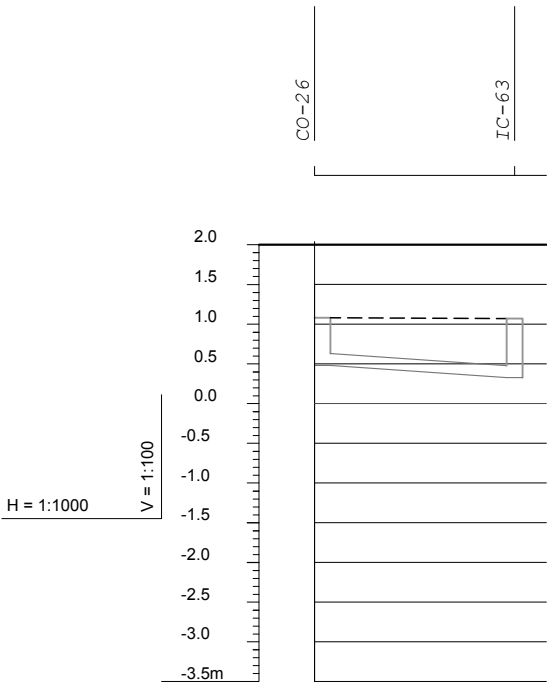
=====

Pipe

┌┐

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section
C026 > IC-63 (PS-4)



Ground Level (m MSL)	1.080	1.070
Pipe Invert Level (m MSL)	0.480	0.327
Distance(m)	0	25.20
Pipe Diameter(m)	150	
Pipe Slope	0.006	
Pipe Reach	CO26 - IC63	
Chamber Invert Level (m MSL)	0.480	0.277

NOTES

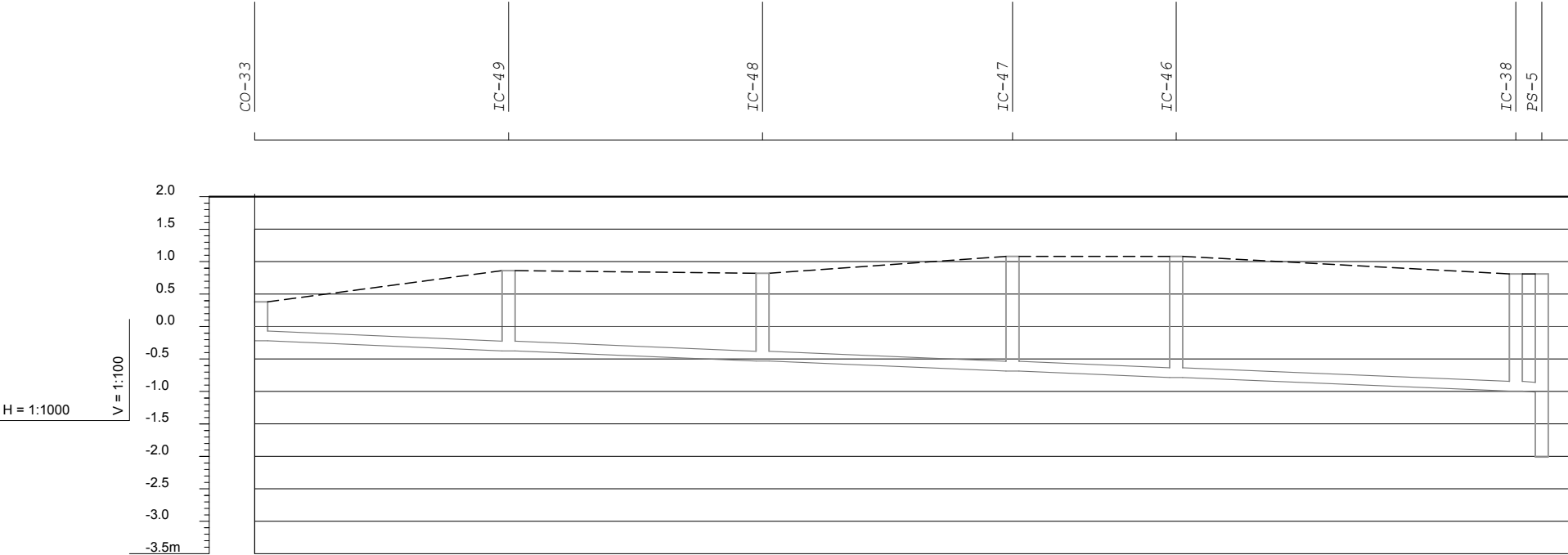
- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Project : GDH.Madaveli Sewerage Network

TITLE : LONGITUDINAL SECTIONS PS04 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	5
Date.	21 - 04 - 2017	Drg. No.	MDV/GS/LS/PS04/01

Madaveli Island - Longitudinal Section C033 > PS-5 (PS-5)



Ground Level (m MSL)	-0.220 0.380				
Pipe Invert Level (m MSL)	-0.376 -0.860				
Distance(m)	0 39.10 39.10 38.50 25.20 52.30 4.00				
Pipe Diameter(m)	150 150 150 150 150 150				
Pipe Slope	0.004 0.004 0.004 0.004 0.004				
Pipe Reach	CO33 - IC49 IC49 - IC48 IC48 - IC47 IC47 - IC46 IC46 - IC38 IC38 - PS5				
Chamber Invert Level (m MSL)	-0.426 -0.582 -0.736 -0.836 -1.045 -2.011				

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

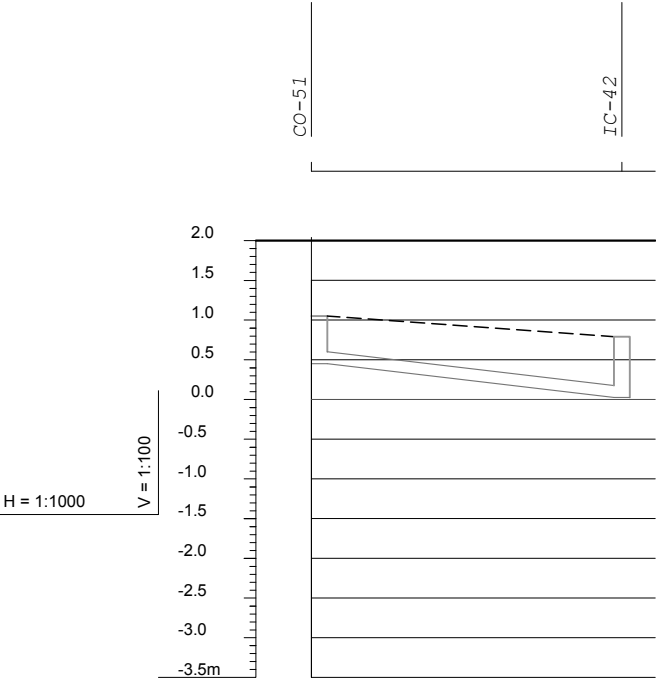
=====

Pipe

┐

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C051 > IC-42 (PS-5)

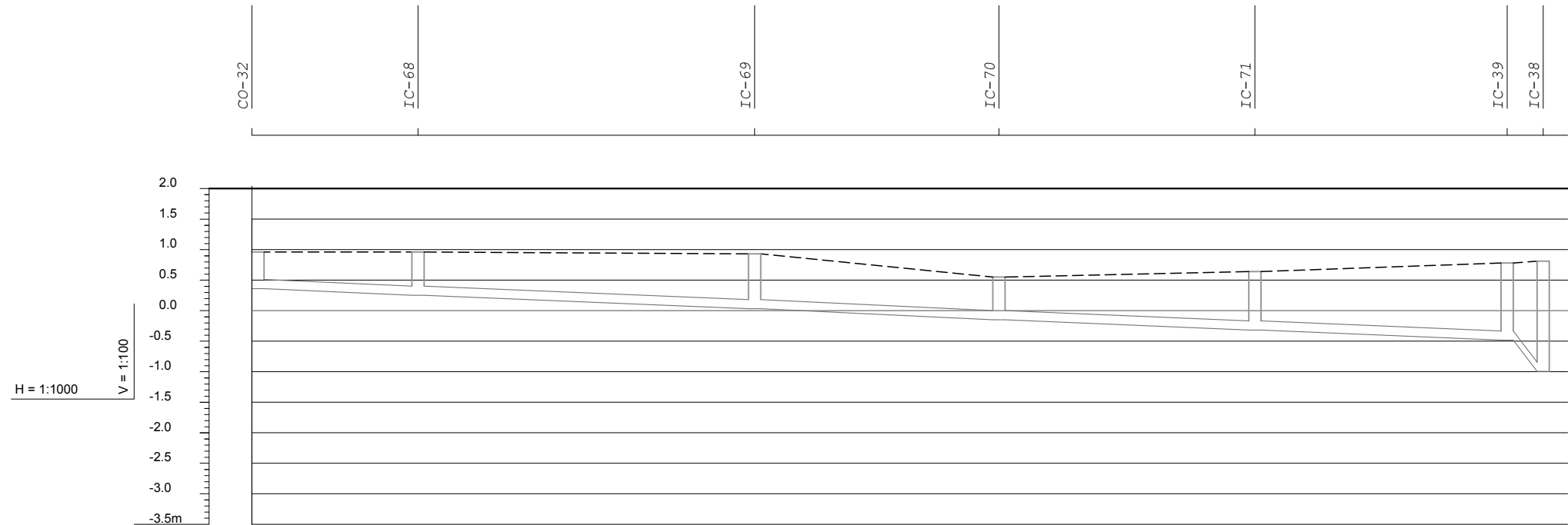


Ground Level (m MSL)	1.050 0.790	
Pipe Invert Level (m MSL)	0.450 0.025	
Distance(m)	0 39.30	
Pipe Diameter(m)	150	
Pipe Slope	0.010	
Pipe Reach	CO51 - IC42	
Chamber Invert Level (m MSL)	-0.450 -0.025	

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C032 > IC-38 (PS-5)



Ground Level (m MSL)	0.960	0.960	0.930	0.550	0.640	0.780	0.810
Pipe Invert Level (m MSL)	0.360	0.251	0.031	-0.150	-0.318	-0.483	-0.995
Distance(m)	0	27.20	55.10	40.00	41.90	41.30	5.90
Pipe Diameter(m)	150	150	150	150	150	150	150
Pipe Slope	0.004	0.004	0.004	0.004	0.004	0.004	0.086
Pipe Reach	C032 - IC68	IC68 - IC69	IC69 - IC70	IC70 - IC71	IC71 - IC39	IC39 - IC38	
Chamber Invert Level (m MSL)	0.360	0.201	-0.019	-0.200	-0.368	-0.533	-1.045

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

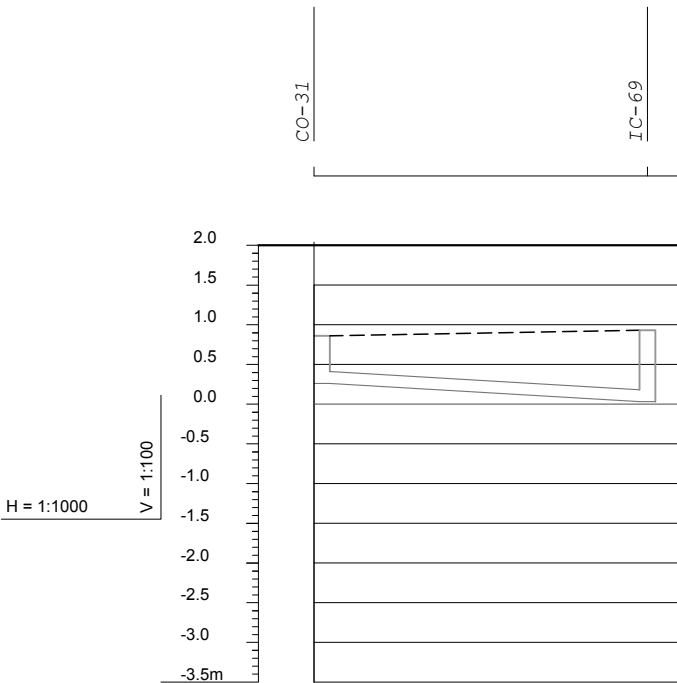
=====

Pipe

┐

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C031 > IC-69 (PS-5)



Ground Level (m MSL)	0.860	0.930
Pipe Invert Level (m MSL)	0.260	0.031
Distance(m)	0	42.00
Pipe Diameter(m)	150	
Pipe Slope	0.005	
Pipe Reach	C031 - IC69	
Chamber Invert Level (m MSL)	0.260	-0.019

NOTES

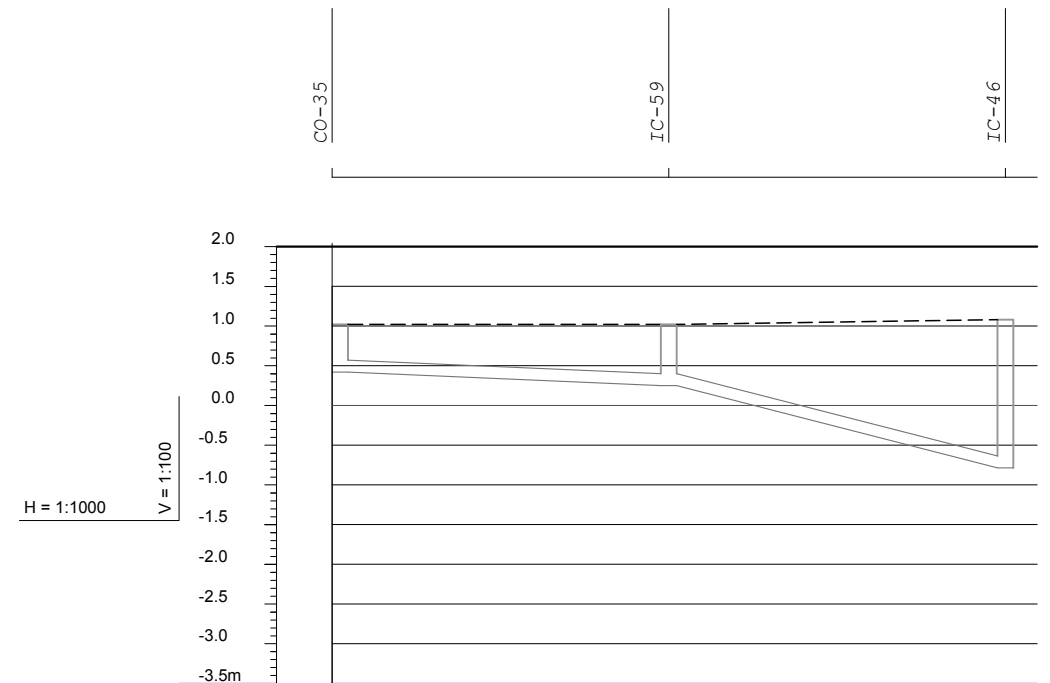
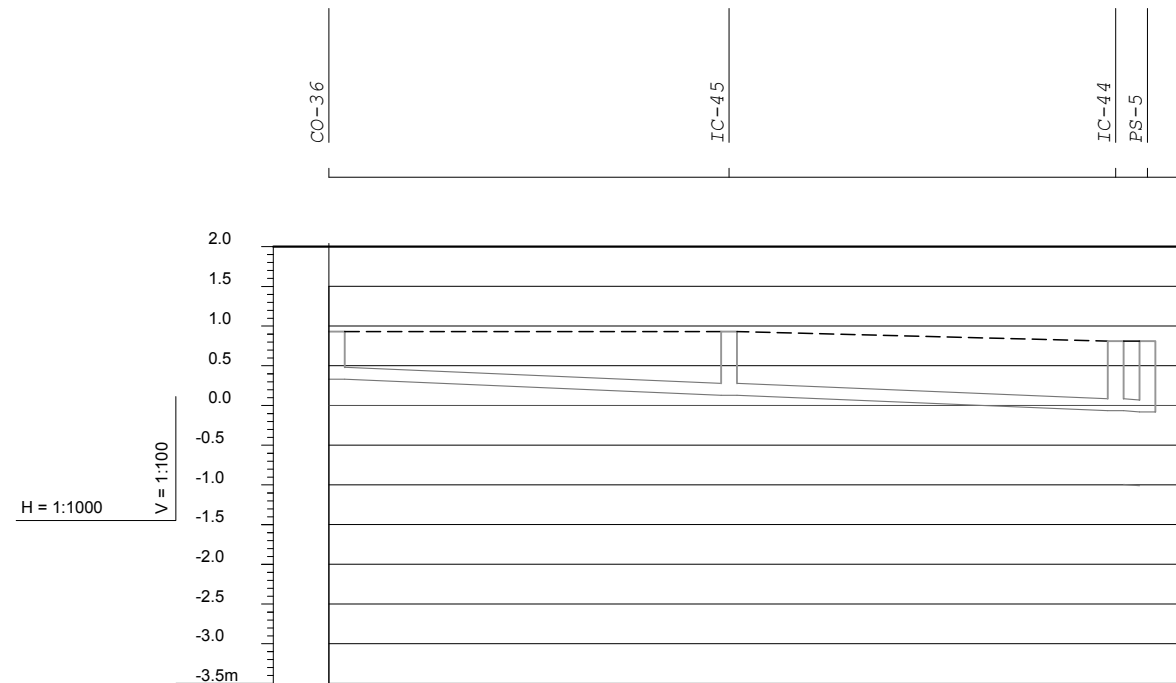
- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Project : GDH.Madaveli
Sewerage Network

TITLE : LONGITUDINAL SECTIONS
PS05 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	2
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS05/01

Madaveli Island - Longitudinal Section C035 > IC-46 (PS-5)




Ground Level (m MSL)	0.930	0.930	0.810
Pipe Invert Level (m MSL)	0.330	0.128	-0.066
Distance(m)	0	50.40	48.70
Pipe Diameter(m)	150	150	
Pipe Slope	0.004	0.004	
Pipe Reach	CO36 - IC45	IC45 - IC44	IC44 - PS5
Chamber Invert Level (m MSL)	0.330	0.078	-0.116

Ground Level (m MSL)	1.020	1.020	1.080
Pipe Invert Level (m MSL)	0.420	0.250	-0.786
Distance(m)	0	42.40	42.40
Pipe Diameter(m)	150		
Pipe Slope	0.004	0.012	
Pipe Reach	CO35 - IC59	IC59 - IC46	
Chamber Invert Level (m MSL)	0.420	0.200	-0.836

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

----	Ground Level
=====	Pipe
	Manhole/Rodding Eye

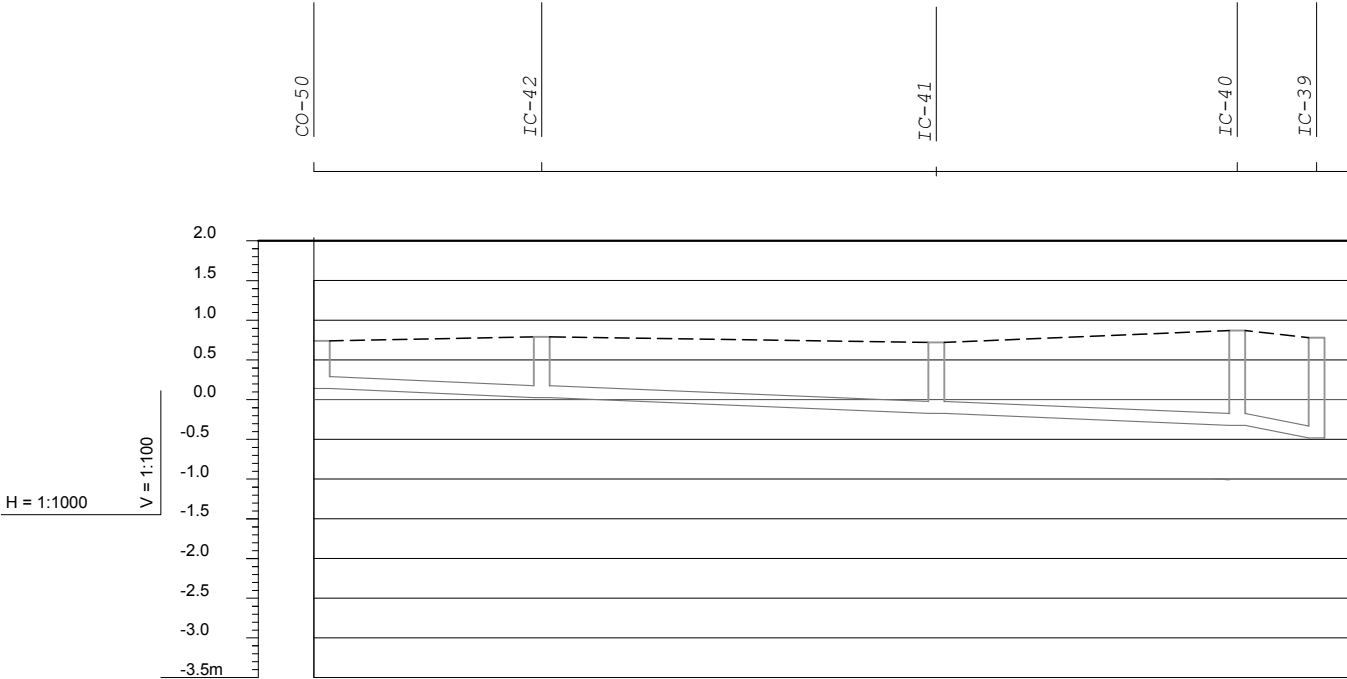
NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS05 - Madaveli	
Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	3
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS05/01

Madaveli Island - Longitudinal Section C050 > IC-39 (PS-5)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)

0.140	0.740	0.025	0.790	-0.223	0.720	-0.374	0.870	-0.533	0.780
0	28.70	49.70	37.90	10.00					
150	150	150	150	150					
0.004	0.004	0.004	0.004	0.015					
C050 - IC42	IC42 - IC41	IC41 - IC40	IC40 - IC39						
0.140	-0.025	-0.223	-0.374	-0.533					

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

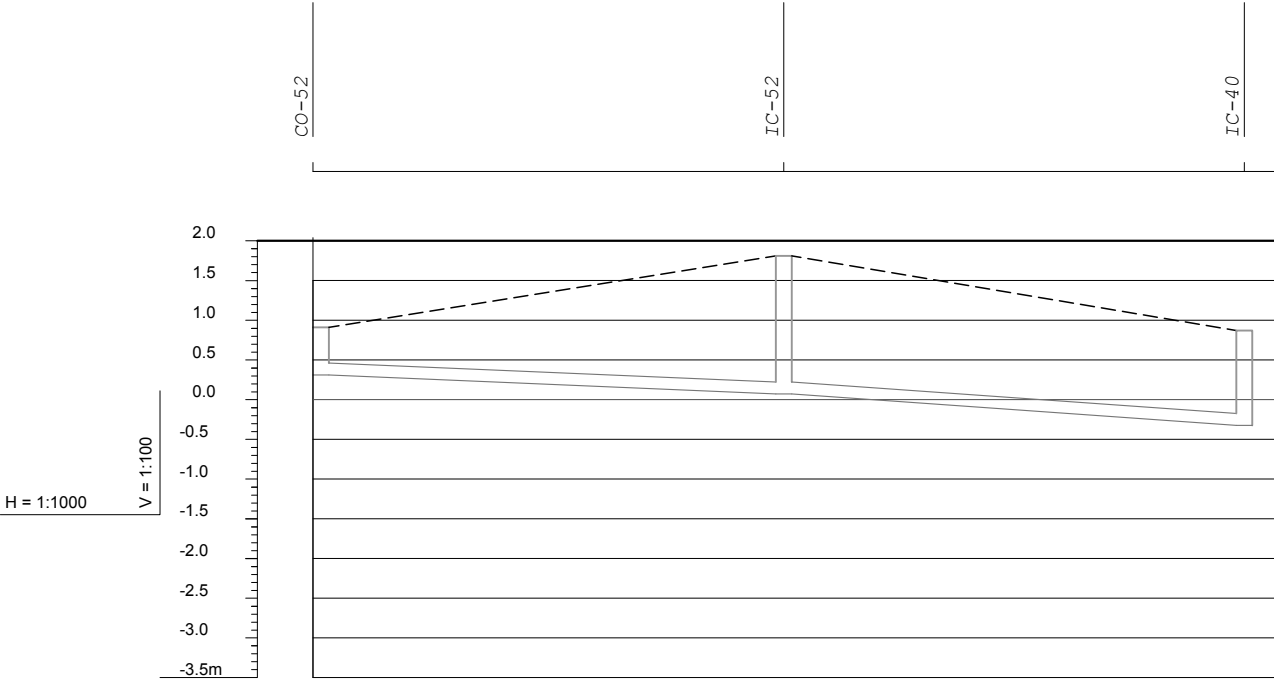
=====

Pipe

┌┐

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C052 > IC-40 (PS-5)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)

0.310	0.910	0.072	1.810	-0.374	0.870
0	59.30	58.00			
150	150				
0.004	0.004				
C052 - IC52	IC52 - IC40				
0.310	0.072	-0.374			

NOTES

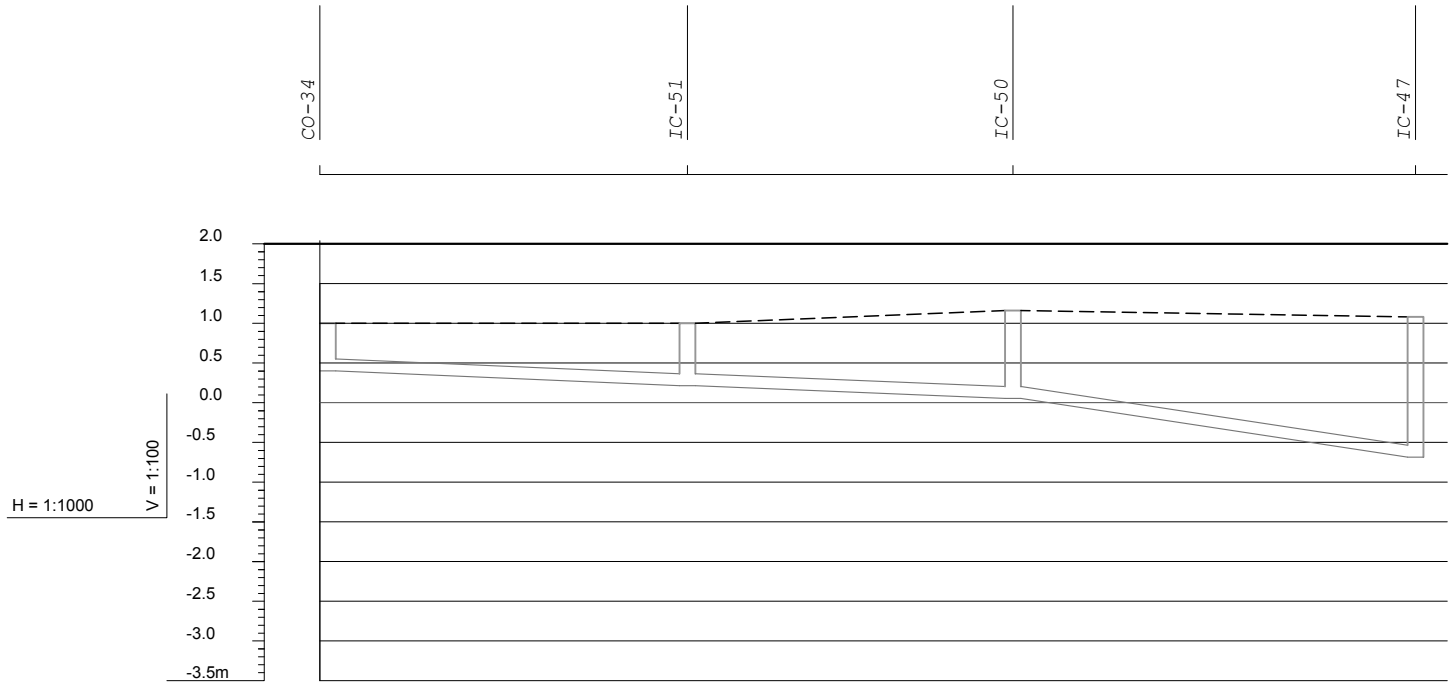
- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Project : GDH.Madaveli Sewerage Network

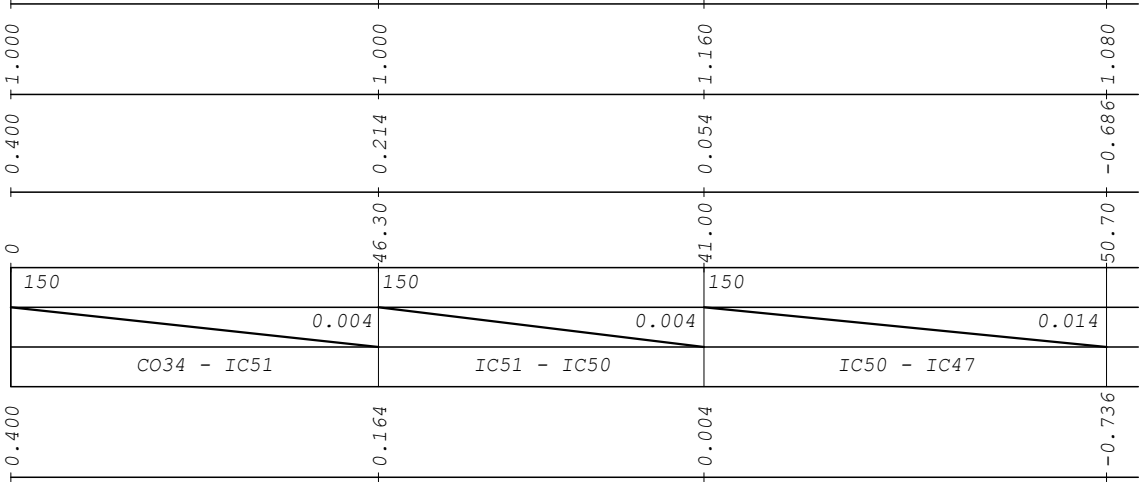
TITLE : LONGITUDINAL SECTIONS PS05 - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	4
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS05/01

Madaveli Island - Longitudinal Section C034 > IC-47 (PS-5)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

----- Ground Level

===== Pipe

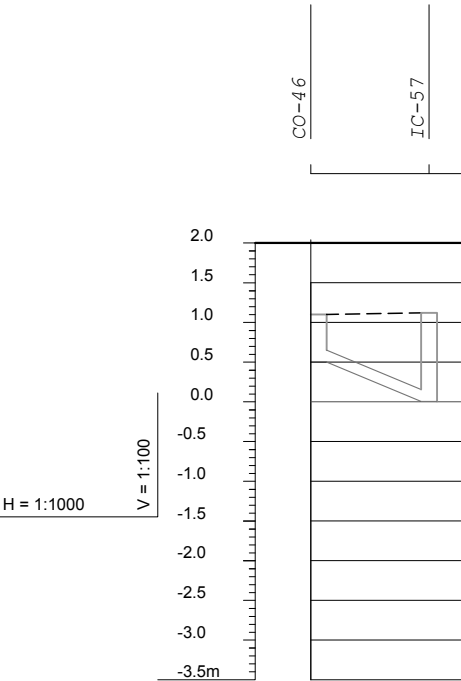
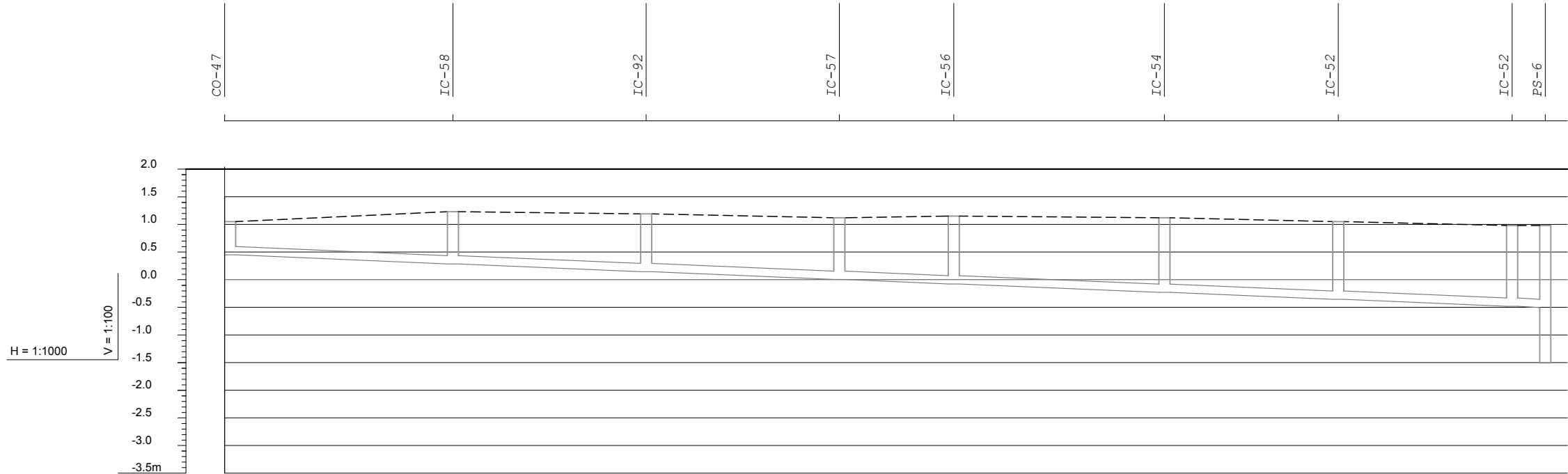
Manhole/Rodding Eye

NOTES

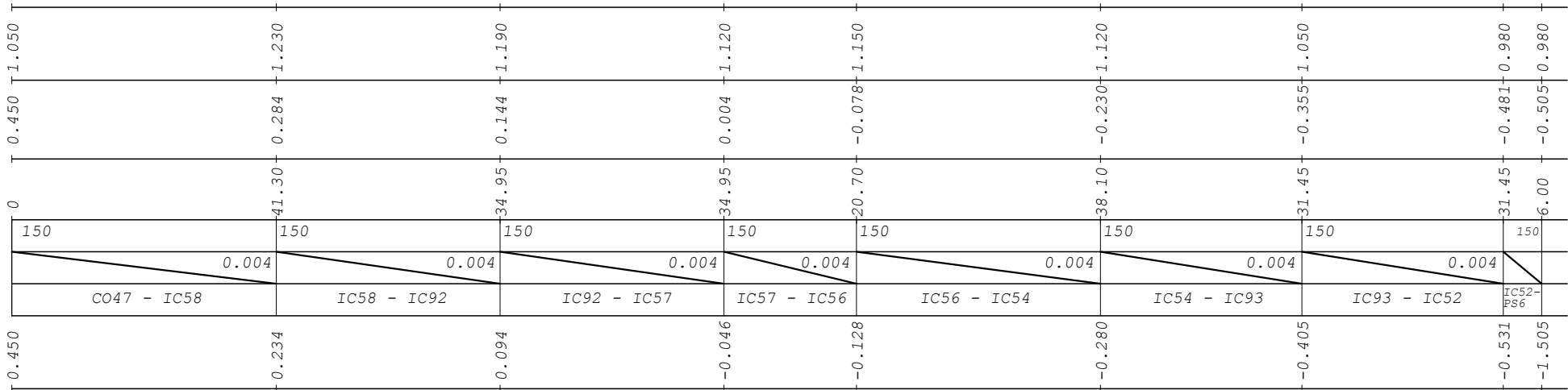
- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

Madaveli Island - Longitudinal Section C047 > PS-6 (PS-6)

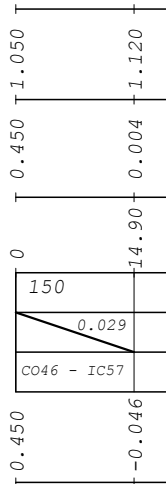
Madaveli Island - Longitudinal Section
C046 > IC-57 (PS-6)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

- Ground Level
- ===== Pipe
- Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

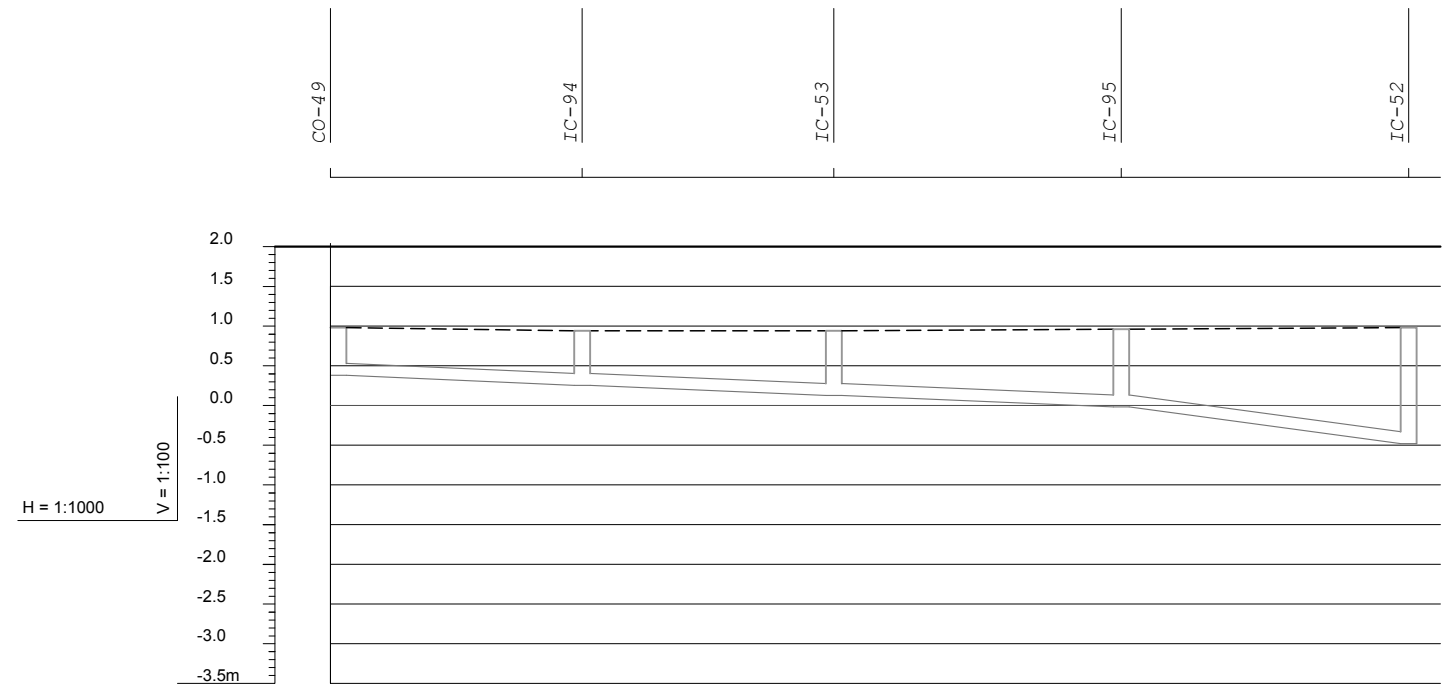


Project : GDH.Madaveli
Sewerage Network

TITLE : LONGITUDINAL SECTIONS
PS06. - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	1
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS06/01

Madaveli Island - Longitudinal Section C049 > IC-52 (PS-6)



Ground Level (m MSL)	0.980	0.940	0.940	0.960	0.980
Pipe Invert Level (m MSL)	0.380	0.253	0.126	-0.018	-0.481
Distance(m)	0	31.70	31.70	36.20	36.20
Pipe Diameter(m)	150	150	150	150	
Pipe Slope	0.004	0.004	0.004	0.012	
Pipe Reach	CO49 - IC94	IC94 - IC53	IC53 - IC95	IC95 - IC52	
Chamber Invert Level (m MSL)	0.380	0.203	0.076	-0.068	-0.531

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

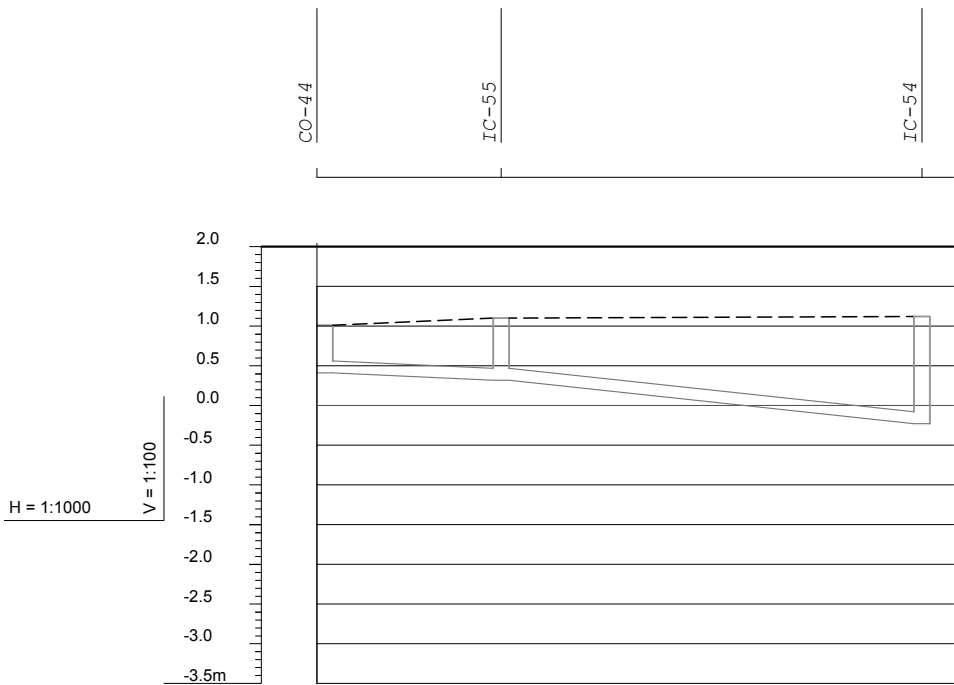
LEGEND

Ground Level

Pipe

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C044 > IC-54 (PS-6)



Ground Level (m MSL)	1.010	1.110	1.120
Pipe Invert Level (m MSL)	0.410	0.317	-0.230
Distance(m)	0	23.20	53.00
Pipe Diameter(m)	150	150	
Pipe Slope	0.004	0.004	
Pipe Reach	CO44 - IC55	IC55 - IC54	
Chamber Invert Level (m MSL)	0.410	0.267	-0.280

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

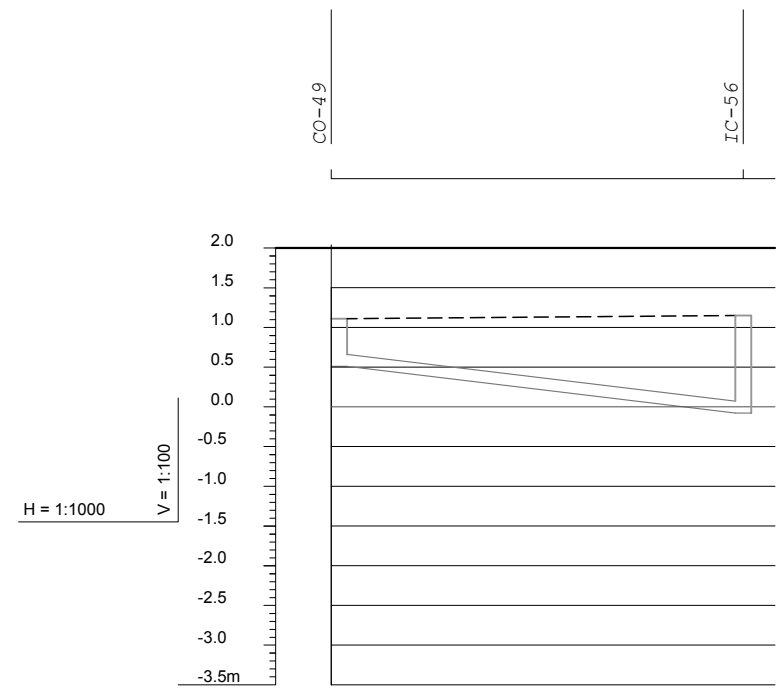
FENAKA CORPORATION LIMITED

Project : GDH.Madaveli Sewerage Network

TITLE : LONGITUDINAL SECTIONS PS06. - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	2
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS06/01

Madaveli Island - Longitudinal Section C045 > IC-56 (PS-6)



Ground Level (m MSL)	1.110	1.150
Pipe Invert Level (m MSL)	0.510	-0.078
Distance(m)	0	51.90
Pipe Diameter(m)	150	
Pipe Slope		0.004
Pipe Reach		C045 - IC56
Chamber Invert Level (m MSL)	0.510	-0.128

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

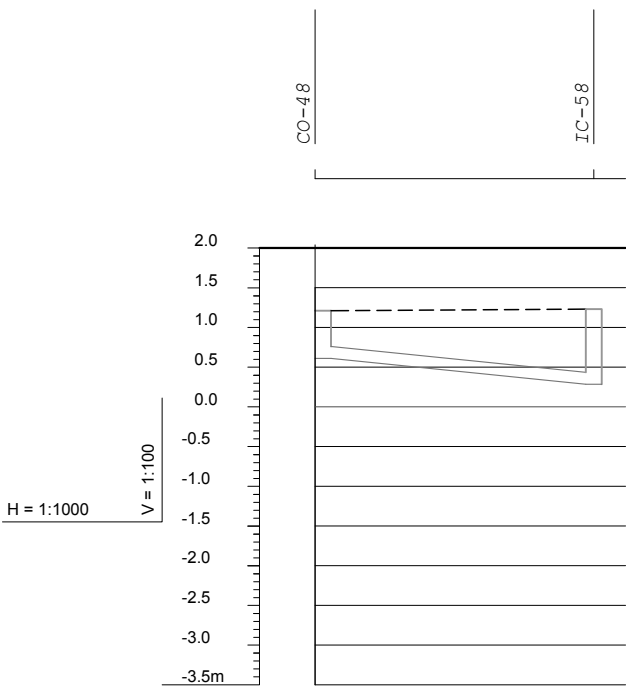
=====

Pipe

┐

Manhole/Rodding Eye


Madaveli Island - Longitudinal Section C048 > IC-58 (PS-6)



Ground Level (m MSL)	1.210	1.230
Pipe Invert Level (m MSL)	0.610	0.284
Distance(m)	0	35.10
Pipe Diameter(m)	150	
Pipe Slope		0.004
Pipe Reach		C048 - IC58
Chamber Invert Level (m MSL)	0.610	0.234

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

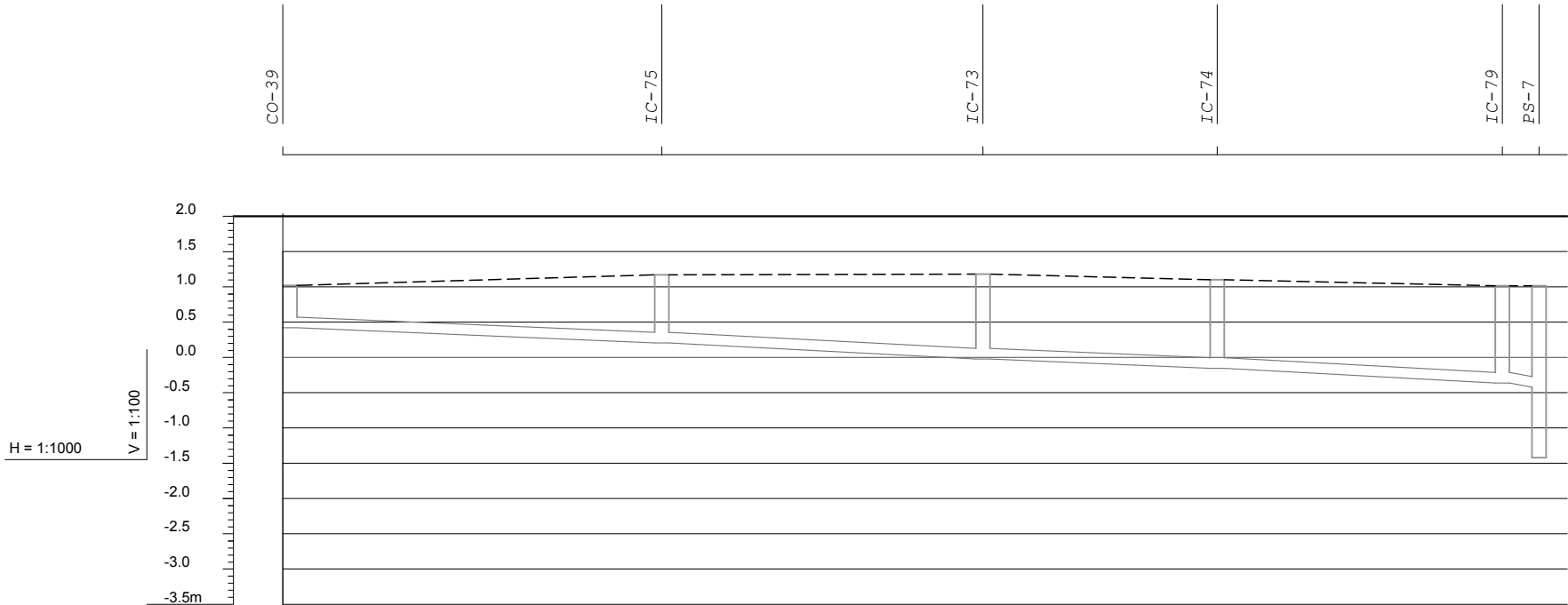


Project : GDH.Madaveli Sewerage Netwok

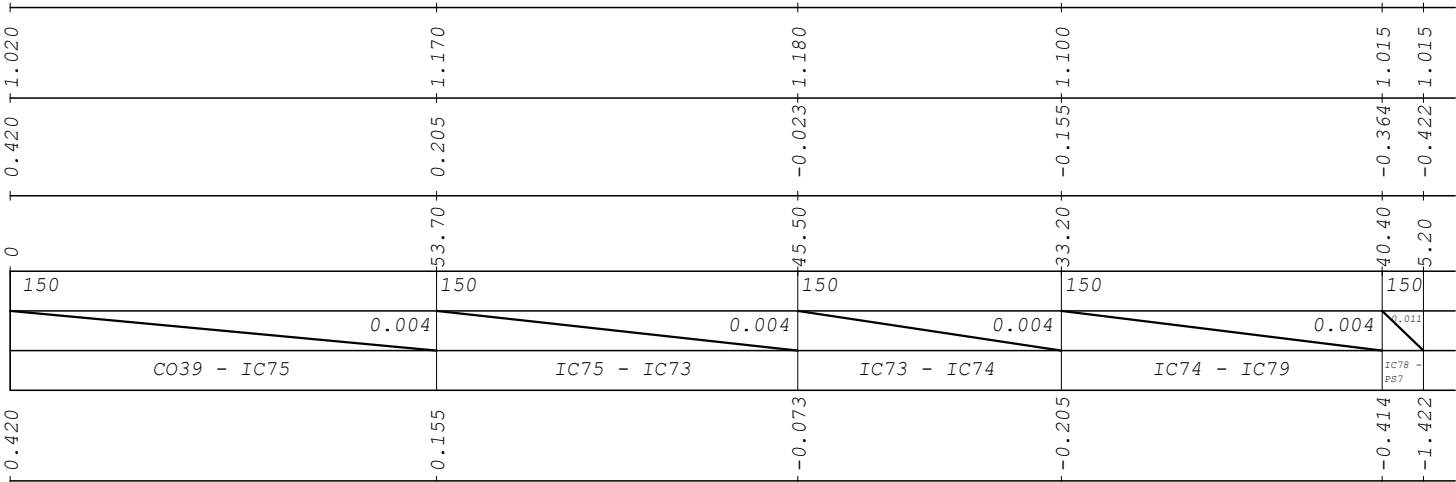
TITLE : LONGITUDINAL SECTIONS PS06. - Madaveli

Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	3
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS06/01

Madaveli Island - Longitudinal Section C0-39 > PS-7 (PS-7)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

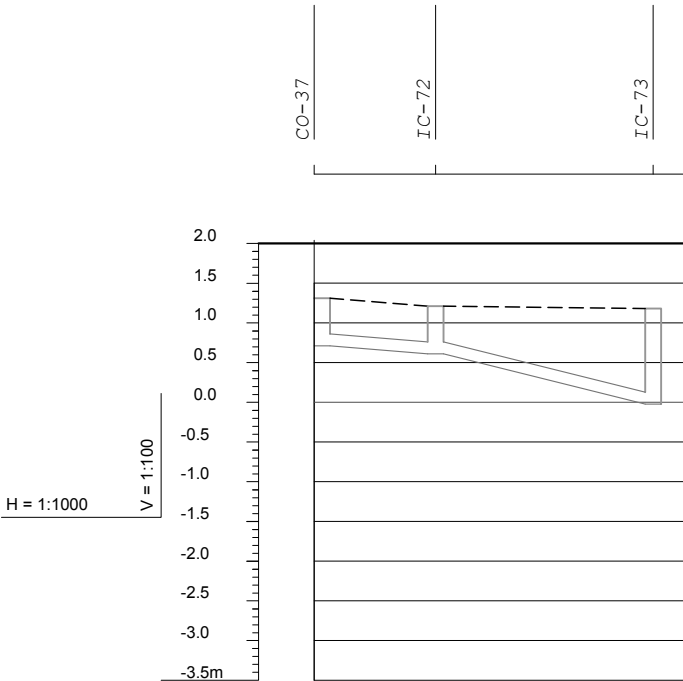
LEGEND

Ground Level

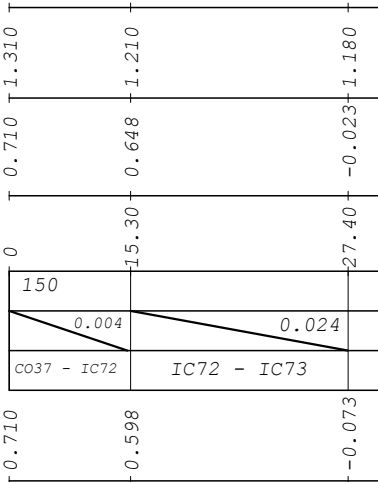
Pipe

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C037 > IC-73 (PS-7)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



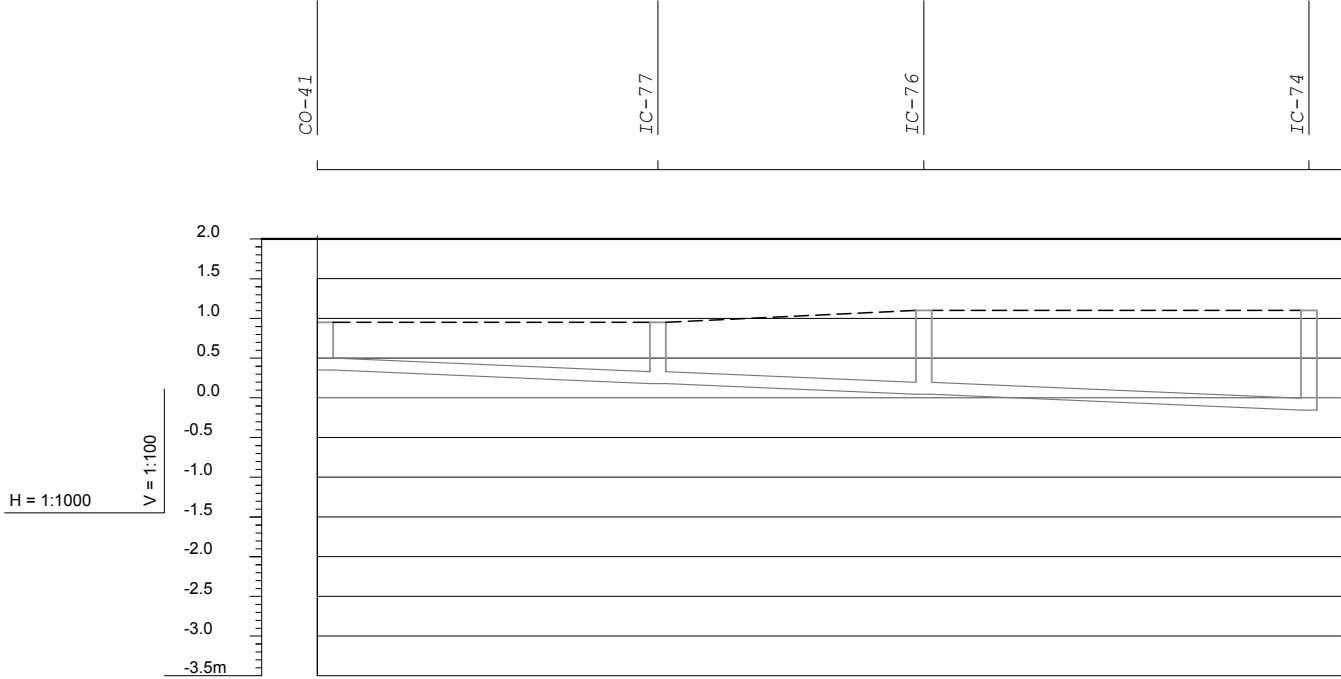
NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



Project : GDH.Madaveli Sewerage Network		TITLE : LONGITUDINAL SECTIONS PS07. - Madaveli	
Designed.	SANJAYA	Drawn.	SANJAYA
Checkd.	PWT	Scale.	AS SHOWN
Approved.		Sheet No.	1
Date.	22 - 04 - 2017	Drg. No.	MDV/GS/LS/PS07/01

Madaveli Island - Longitudinal Section C0-41 >IC-74 (PS-7)



Ground Level (m MSL)	0.950	0.950	1.100	1.100
Pipe Invert Level (m MSL)	0.350	0.178	0.044	-0.155
Distance(m)	0	42.90	33.50	48.50
Pipe Diameter(m)	150	150	150	
Pipe Slope	0.004	0.004	0.004	
Pipe Reach	CO41 - IC77	IC77 - IC76	IC76 - IC74	
Chamber Invert Level (m MSL)	0.350	0.128	-0.006	-0.205

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

=====

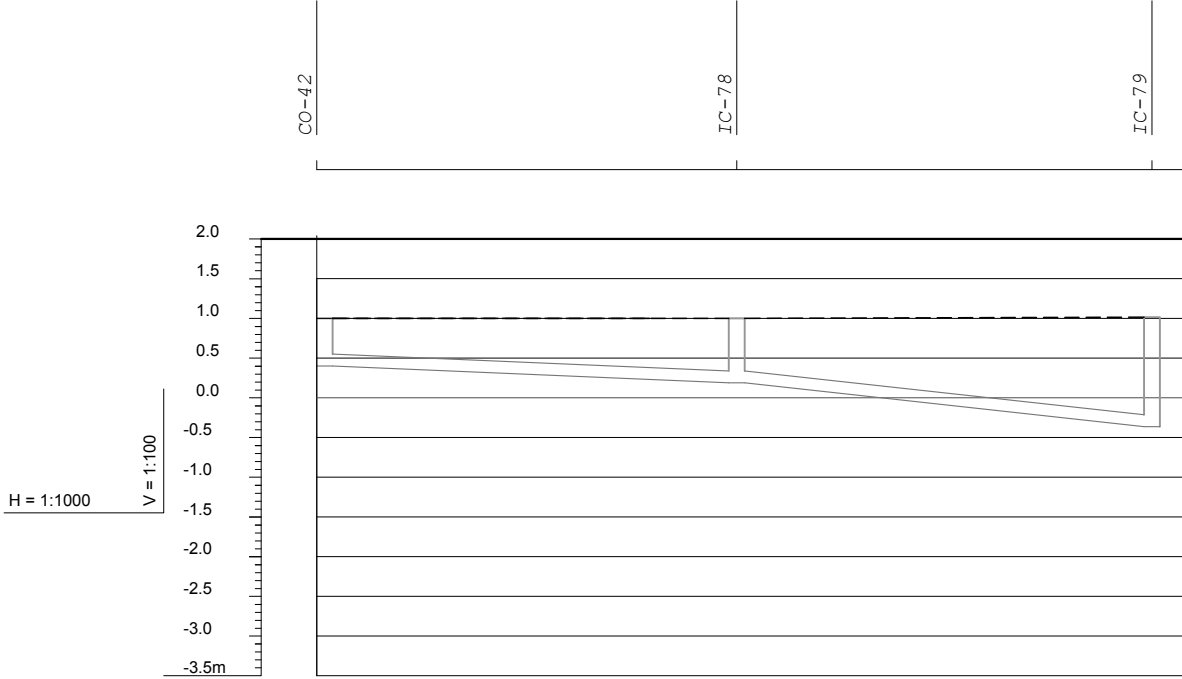
Pipe

┐

┌

Manhole/Rodding Eye

Madaveli Island - Longitudinal Section C0-42 >IC-79 (PS-7)



Ground Level (m MSL)	1.000	1.000	1.015
Pipe Invert Level (m MSL)	0.400	0.188	-0.364
Distance(m)	0	52.90	52.30
Pipe Diameter(m)	150	150	
Pipe Slope	0.004	0.004	
Pipe Reach	CO42 - IC78	IC78 - IC79	
Chamber Invert Level (m MSL)	0.400	0.138	-0.414

NOTES

- 1.) Levels are with respect to
Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

FENAKA

CORPORATION LIMITED

Project : GDH.Madaveli
Sewerage Network

Designed. SANJAYA

Checkd. PWT

Approved.

Date. 22 - 04 - 2017

TITLE : LONGITUDINAL SECTIONS
PS07 - Madaveli

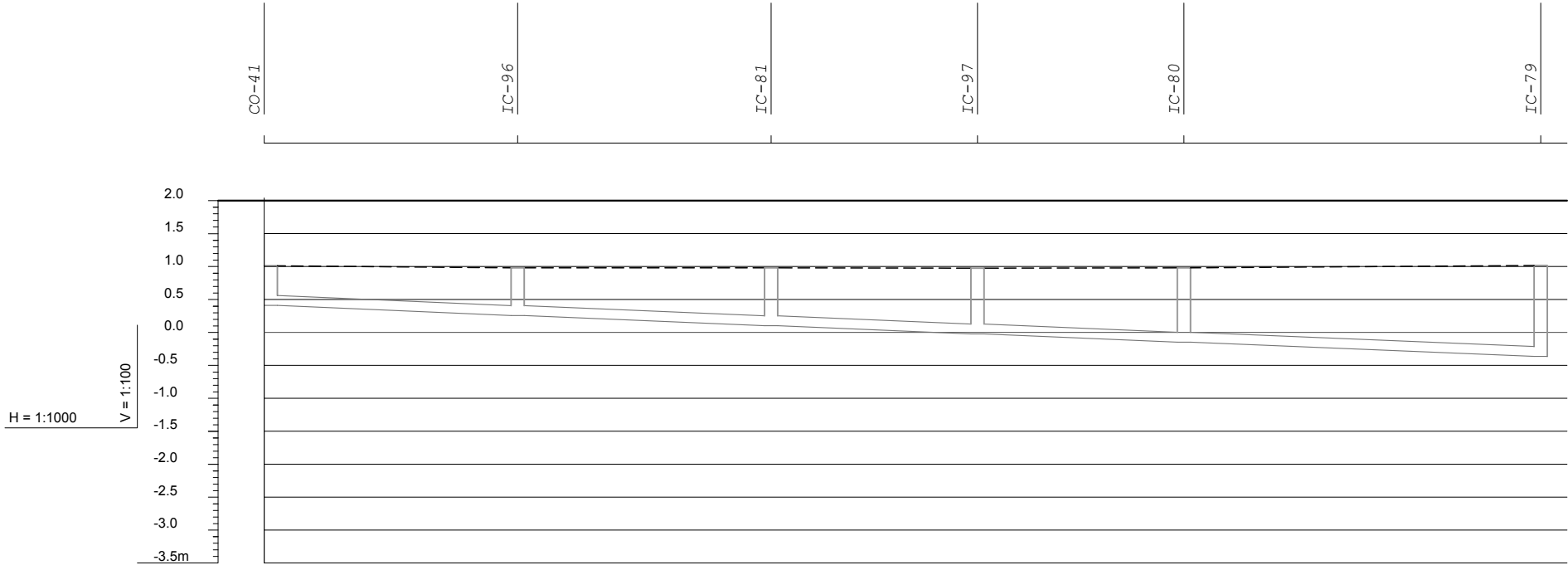
Drawn. SANJAYA

Scale. AS SHOWN

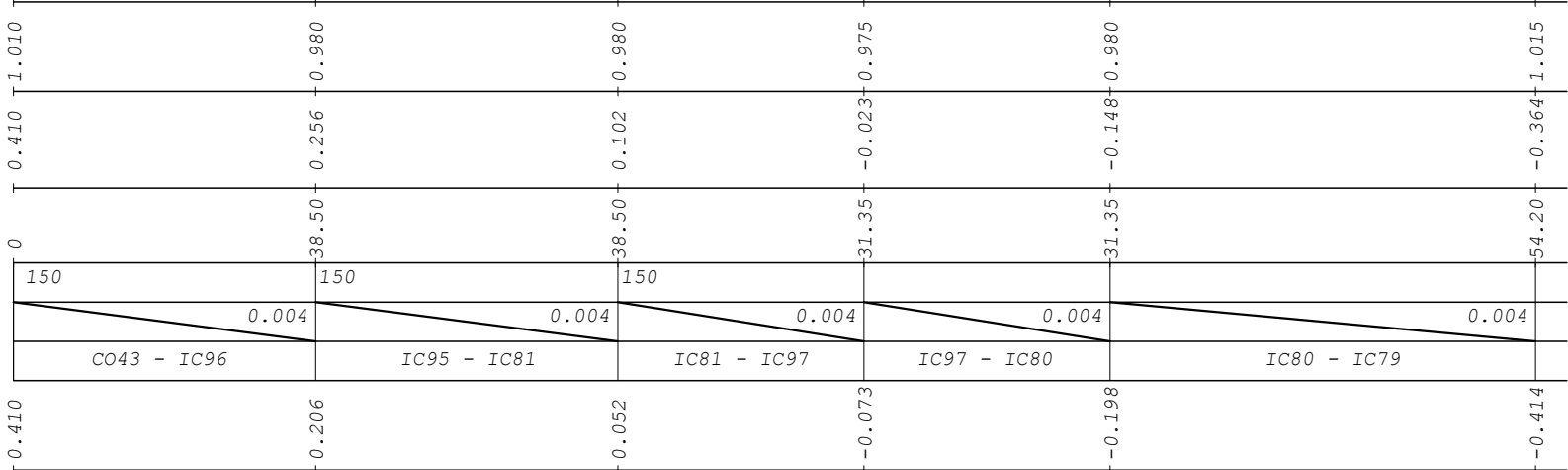
Sheet No. 2

Drg. No. MDV/GS/LS/PS07/01

Madaveli Island - Longitudinal Section C0-41 >ICS-74 (PS-7)



Ground Level (m MSL)
Pipe Invert Level (m MSL)
Distance(m)
Pipe Diameter(m)
Pipe Slope
Pipe Reach
Chamber Invert Level (m MSL)



NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

=====

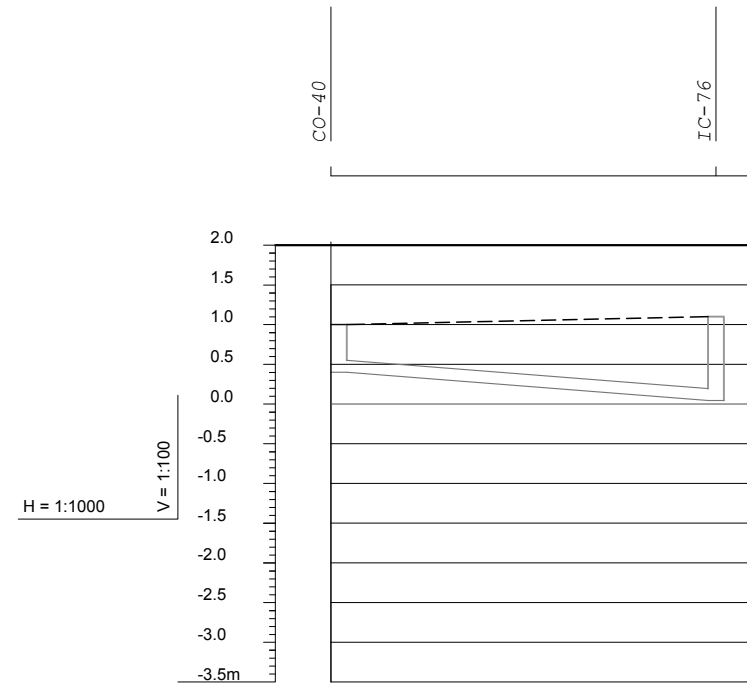
Pipe

┌┐

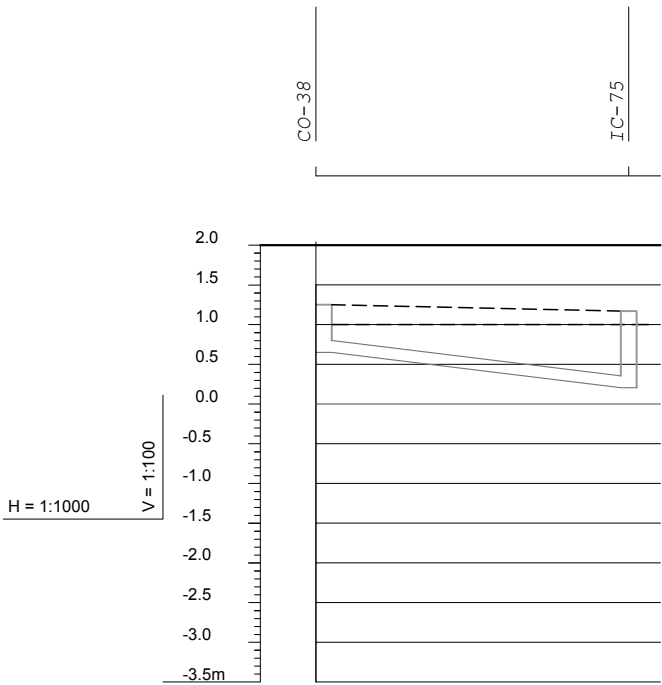
Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,



Ground Level (m MSL)	1.000	1.100
Pipe Invert Level (m MSL)	0.400	0.044
Distance(m)	0	48.50
Pipe Diameter(m)	150	
Pipe Slope		0.007
Pipe Reach		CO40 - IC76
Chamber Invert Level (m MSL)	0.400	-0.006



Ground Level (m MSL)	1.250	1.170
Pipe Invert Level (m MSL)	0.650	0.205
Distance(m)	0	39.40
Pipe Diameter(m)	150	
Pipe Slope		0.011
Pipe Reach		CO38 - IC75
Chamber Invert Level (m MSL)	0.650	0.155

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,

LEGEND

Ground Level

Pipe

Manhole/Rodding Eye

NOTES

- 1.) Levels are with respect to Bench Marks in Dwg No.M/CD/SWS/01
- 2.) Pipe Sizes are not to Scale
- 3.) Chamber Sizes are not to Scale
- 4.) Pipe Diameter given is inside Diameter,