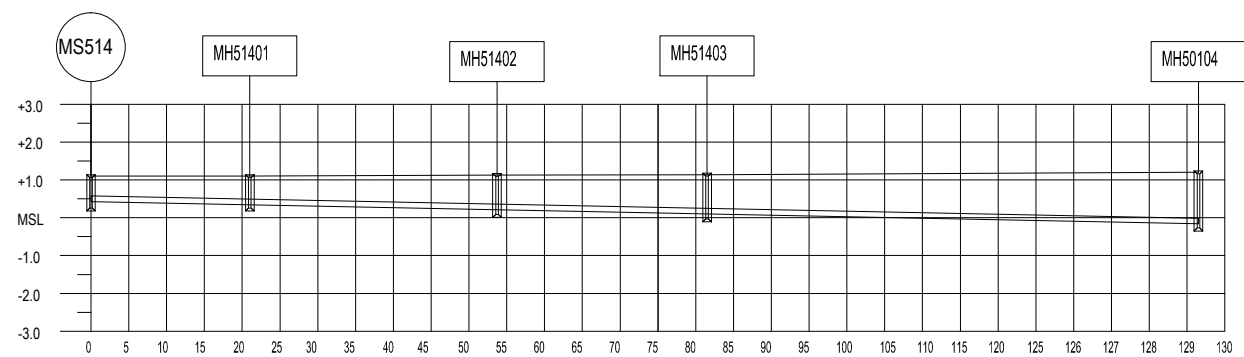


PROFILE-14

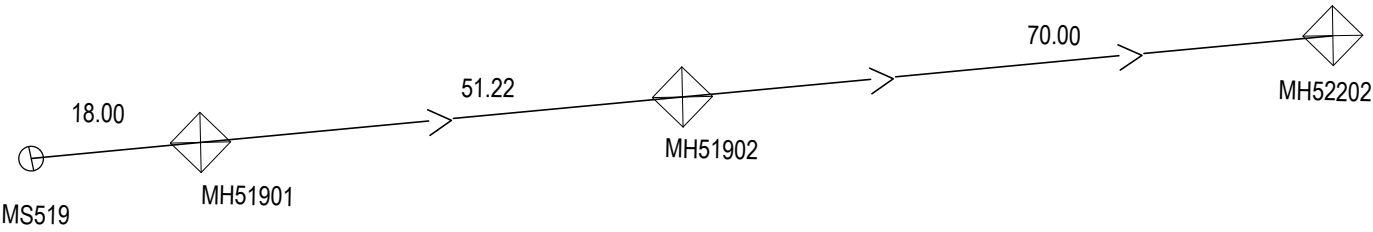


LENGTH IN METERS

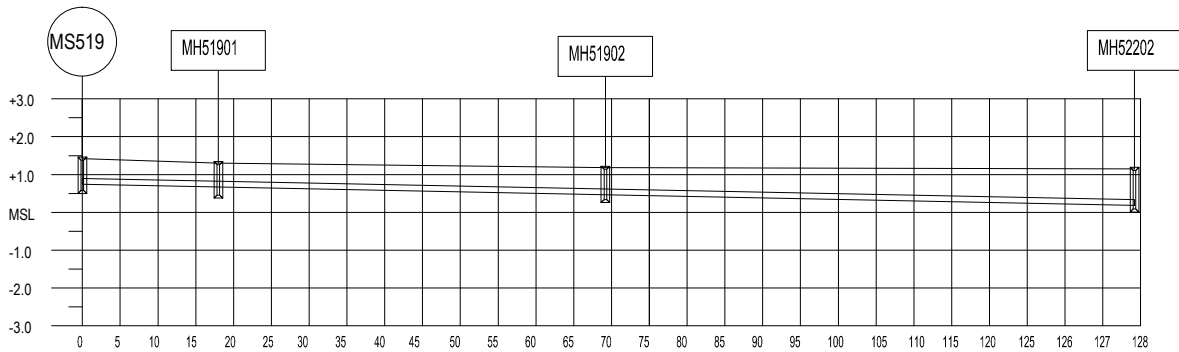
Manhole No	MS514	MH51401	MH51402	MH51403	MH50104
Ground Level (from MSL)	1.10	1.10	1.13	1.14	1.20
Invert Level	0.50	0.42	0.29	0.17	-0.09
Depth of Manhole	0.60	0.68	0.84	0.97	1.29
Distance between Manhole	0.00	21.00	32.70	27.80	65.00
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.23 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-19

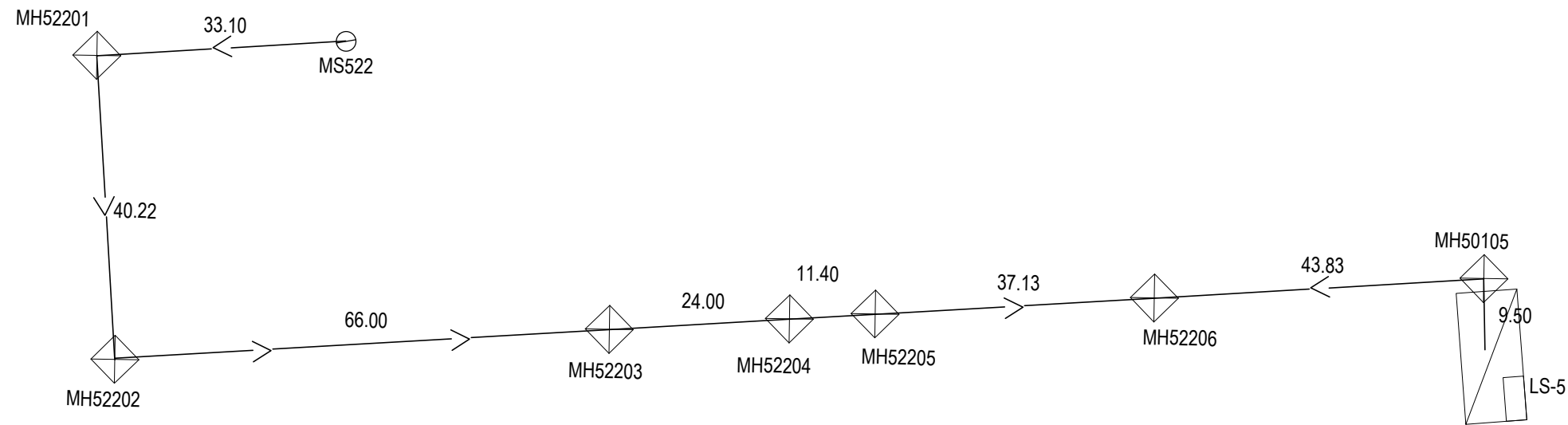


LENGTH IN METERS

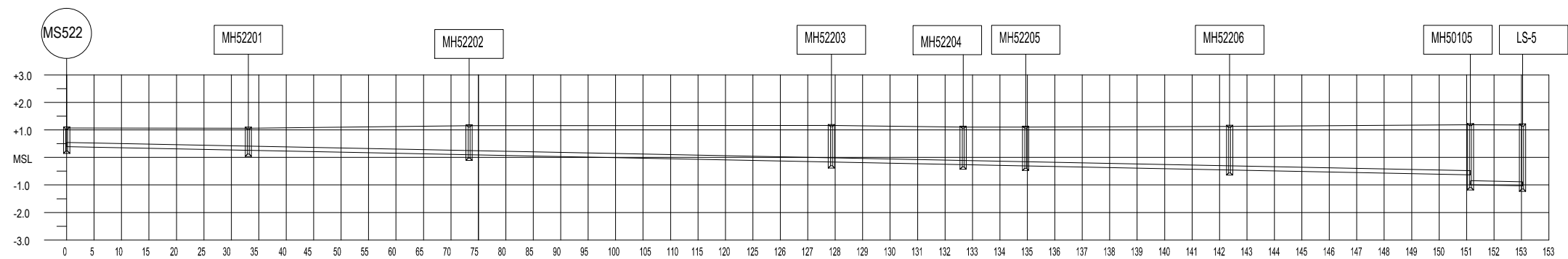
Manhole No	MS519	MH51901	MH51902	MH52202
Ground Level (from MSL)	1.42	1.30	1.18	1.15
Invert Level	0.82	0.75	0.54	0.26
Depth of Manhole	0.60	0.55	0.64	0.89
Distance between Manhole	0.00	18.00	51.22	70.00
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.24 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-22

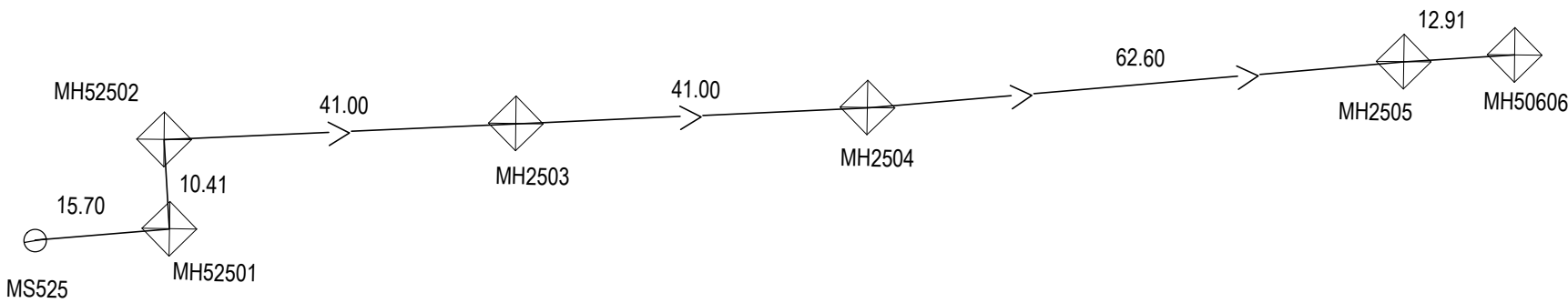


LENGTH IN METERS

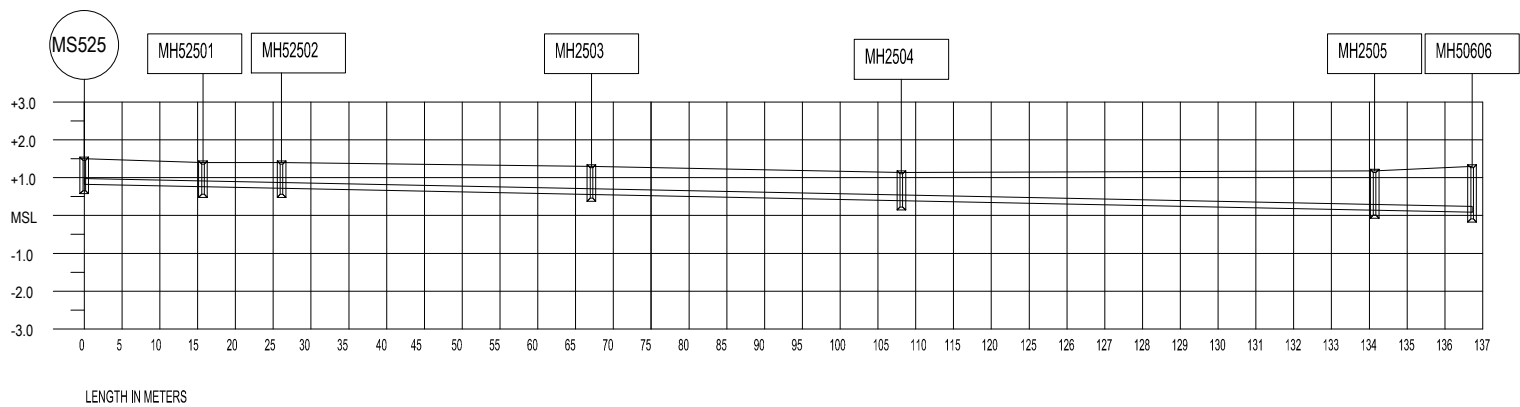
Manhole No	MS522	MH52201	MH52202	MH52203	MH52204	MH52205	MH52206	MH50105	LS-5
Ground Level (from MSL)	1.07	1.06	1.15	1.15	1.16	1.10	1.13	1.19	1.18
Invert Level	0.47	0.34	0.18	-0.09	-0.18	-0.23	-0.38	-0.92	-0.96
Depth of Manhole	0.60	0.72	0.97	1.24	1.34	1.33	1.51	2.11	2.14
Distance between Manhole	0.00	33.10	40.22	66.00	24.00	11.40	37.13	43.83	9.50
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.25 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



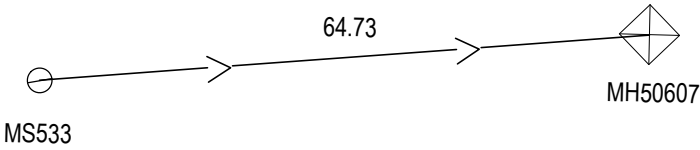
PROFILE-25



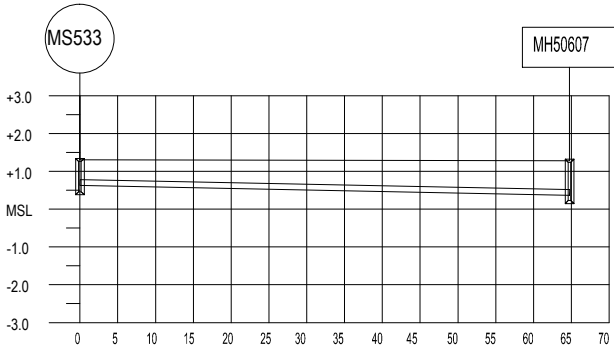
Manhole No	MS525	MH52501	MH52502	MH2503	MH2504	MH2505	MH50606
Ground Level (from MSL)	1.50	1.40	1.40	1.30	1.14	1.18	1.30
Invert Level	0.90	0.84	0.80	0.63	0.47	0.22	0.17
Depth of Manhole	0.60	0.56	0.60	0.67	0.67	0.96	1.13
Distance between Manhole	0.00	15.70	10.41	41.00	41.00	62.60	12.91
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.26 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



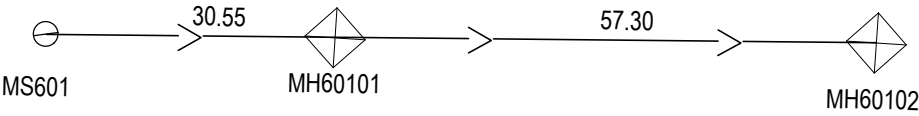
PROFILE-33



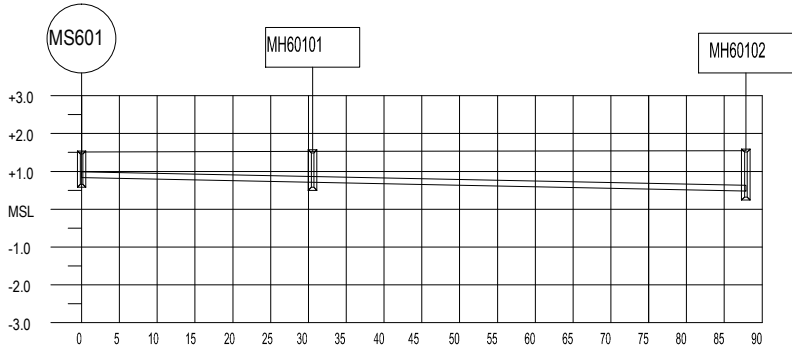
LENGTH IN METERS

Manhole No	MS533	MH50607
Ground Level (from MSL)	1.30	1.28
Invert Level	0.70	0.44
Depth of Manhole	0.60	0.84
Distance between Manhole	0.00	64.73
Pipeslope		0.004
Pipe diameter		150mm

CATCHMENT 05



PROFILE-01

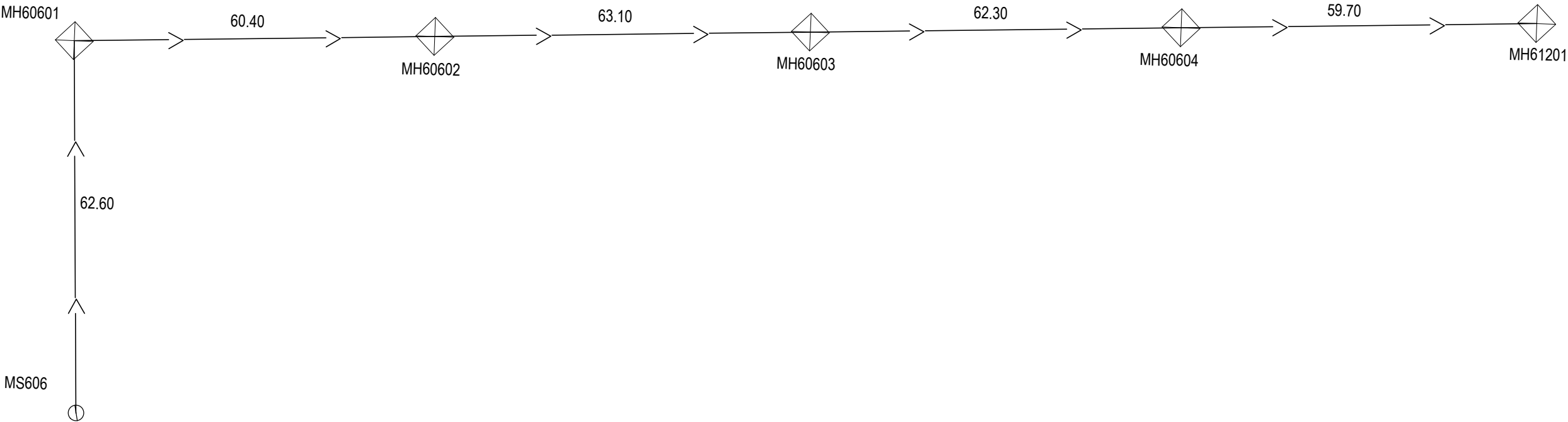


LENGTH IN METERS

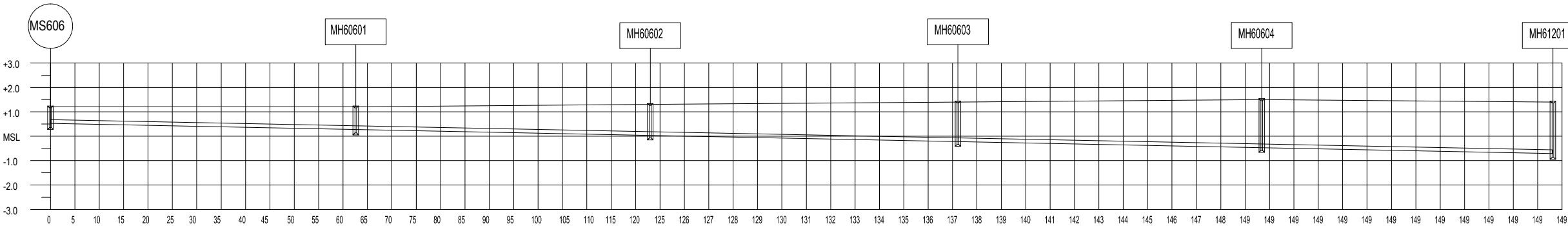
Manhole No	MS601	MH60101	MH60102
Ground Level (from MSL)	1.51	1.53	1.55
Invert Level	0.91	0.79	0.56
Depth of Manhole	0.60	0.74	0.99
Distance between Manhole	0.00	30.55	57.30
Pipeslope		0.004	0.004
Pipe diameter		150mm	150mm

CATCHMENT 06

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.27 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



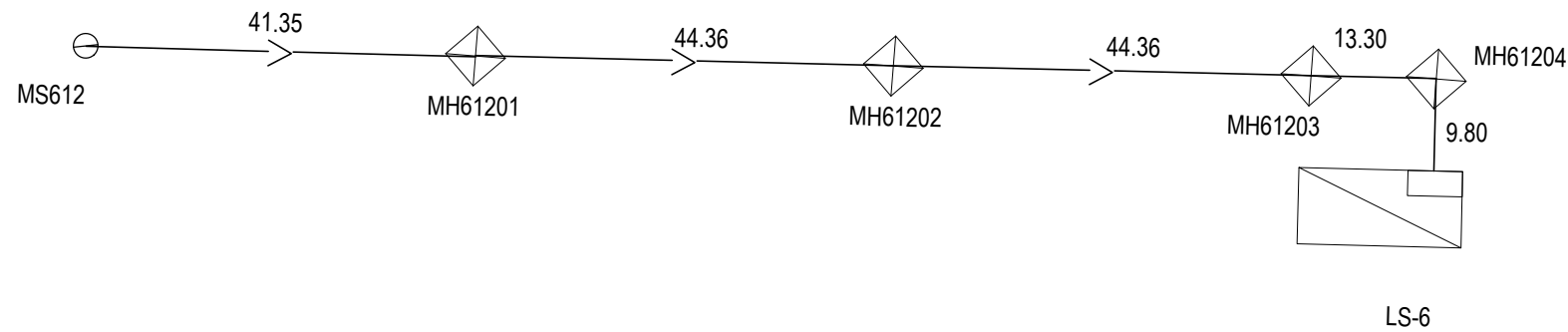
PROFILE-06



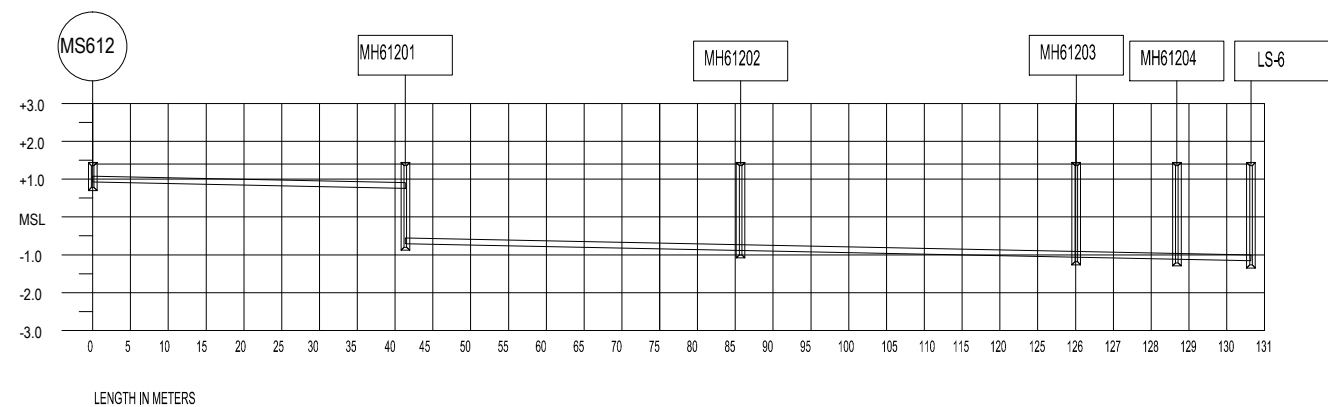
LENGTH IN METERS

Manhole No	MS606	MH60601	MH60602	MH60603	MH60604	MH61201
Ground Level (from MSL)	1.20	1.20	1.30	1.40	1.50	1.40
Invert Level	0.60	0.35	0.11	-0.14	-0.39	-0.63
Depth of Manhole	0.60	0.85	1.19	1.54	1.89	2.03
Distance between Manhole	0.00	62.60	60.40	63.10	62.30	59.70
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 06



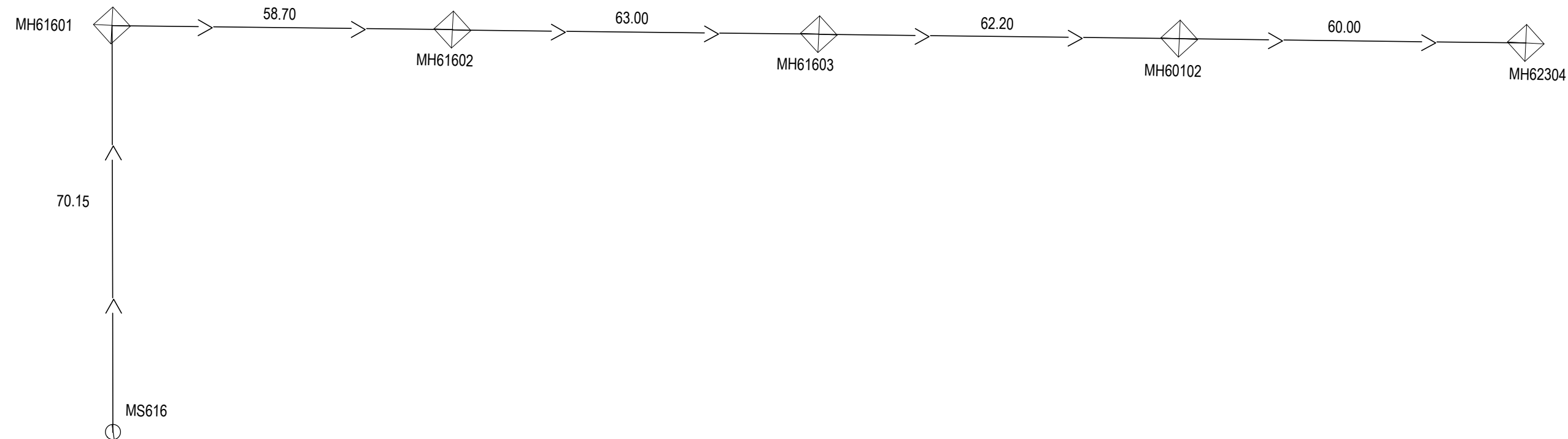
PROFILE-12



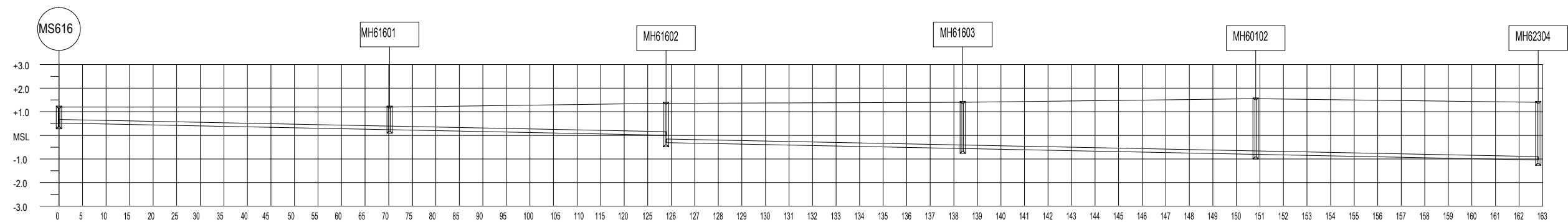
Manhole No	MS612	MH61201	MH61202	MH61203	MH61204	LS-6
Ground Level (from MSL)	1.40	1.40	1.40	1.40	1.40	1.40
Invert Level	0.80	-0.63	-0.81	-0.98	-1.04	-1.08
Depth of Manhole	0.60	2.03	2.21	2.38	2.44	2.48
Distance between Manhole	0.00	41.35	44.36	44.38	13.30	9.80
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 06

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.29 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	

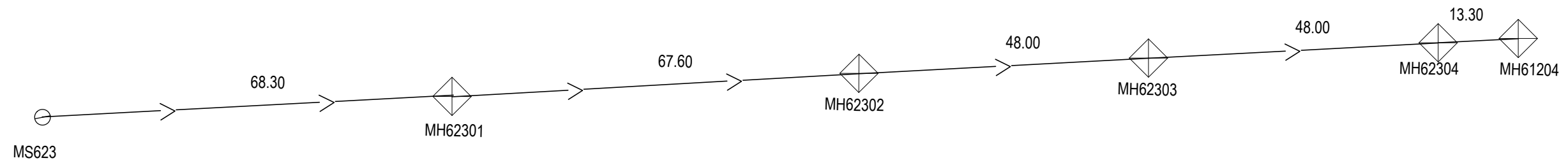


PROFILE-16

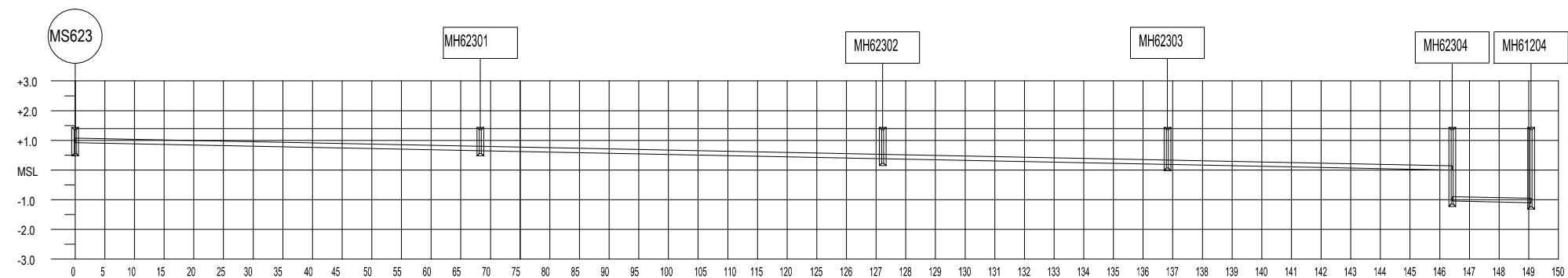


LENGTH IN METERS						
Manhole No	MS616	MH61601	MH61602	MH61603	MH60102	MH62304
Ground Level (from MSL)	1.20	1.20	1.30	1.40	1.55	1.40
Invert Level	0.60	0.32	-0.23	-0.48	-0.73	-0.97
Depth of Manhole	0.60	0.88	1.53	1.88	2.28	2.37
Distance between Manhole	0.00	70.15	58.70	63.00	62.20	60.00
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 06



PROFILE-23

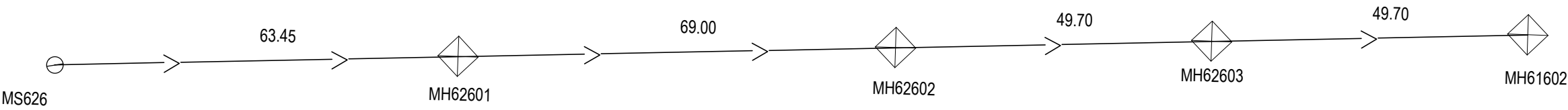


LENGTH IN METERS

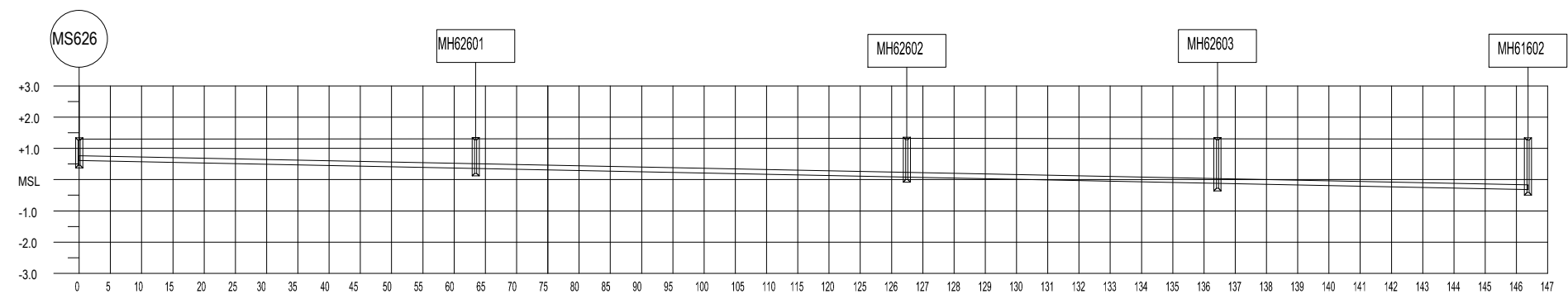
Manhole No	MS623	MH62301	MH62302	MH62303	MH62304	MH61204
Ground Level (from MSL)	1.40	1.40	1.40	1.40	1.40	1.40
Invert Level	0.80	0.53	0.26	0.06	-0.97	-1.02
Depth of Manhole	0.60	0.87	1.14	1.34	2.37	2.42
Distance between Manhole	0.00	68.30	67.80	48.00	48.00	13.30
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 06

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.31
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	Sheet No.



PROFILE-26

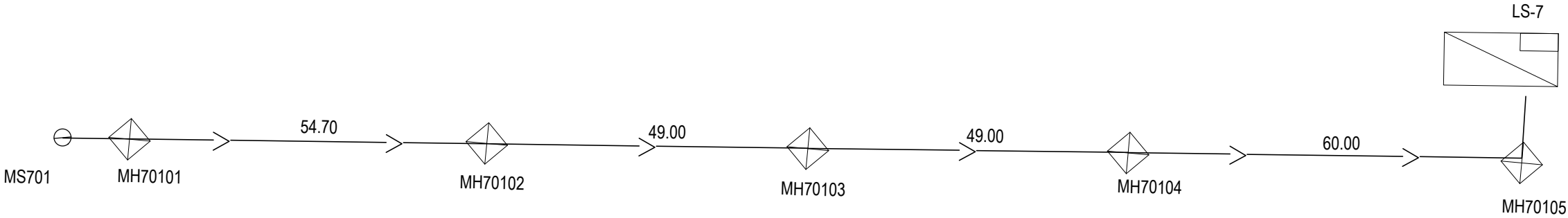


LENGTH IN METERS

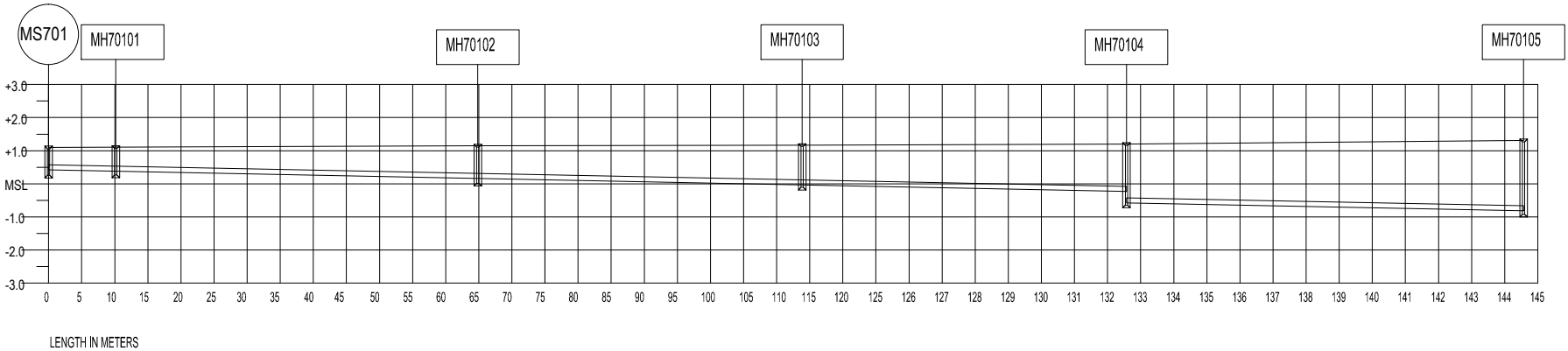
Manhole No	MS626	MH62601	MH62602	MH62603	MH61602
Ground Level (from MSL)	1.30	1.31	1.32	1.31	1.30
Invert Level	0.70	0.45	0.17	-0.03	-0.23
Depth of Manhole	0.60	0.86	1.15	1.34	1.53
Distance between Manhole	0.00	63.45	69.00	49.70	49.70
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 06

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.32 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-01

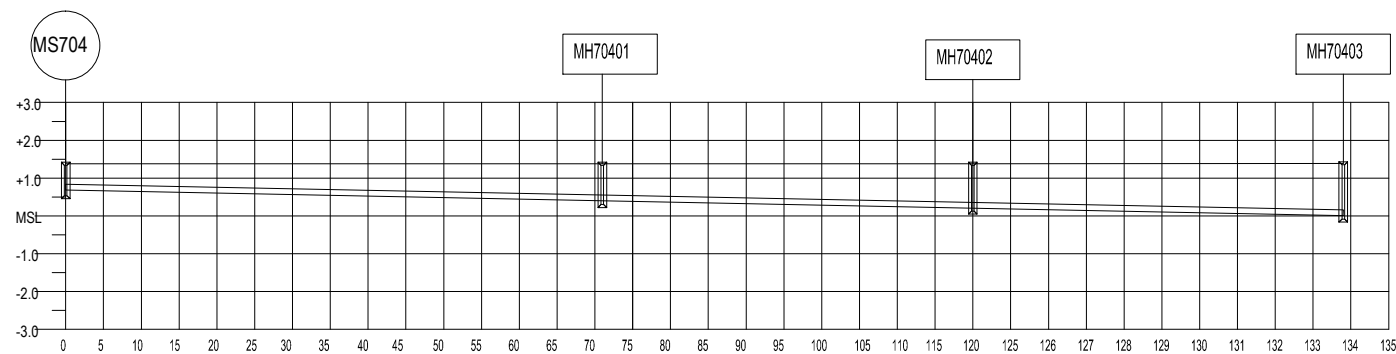


Manhole No	MS701	MH70101	MH70102	MH70103	MH70104	MH70105
Ground Level (from MSL)	1.10	1.11	1.15	1.17	1.20	1.31
Invert Level	0.50	0.46	0.24	0.04	-0.50	-0.74
Depth of Manhole	0.60	0.65	0.91	1.13	1.70	2.05
Distance between Manhole	0.00	10.16	54.70	49.00	49.00	60.00
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 07



PROFILE-04a

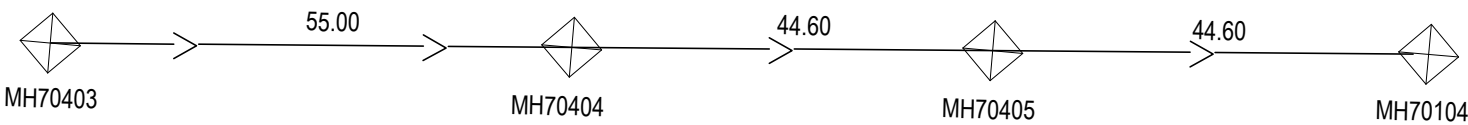


LENGTH IN METERS

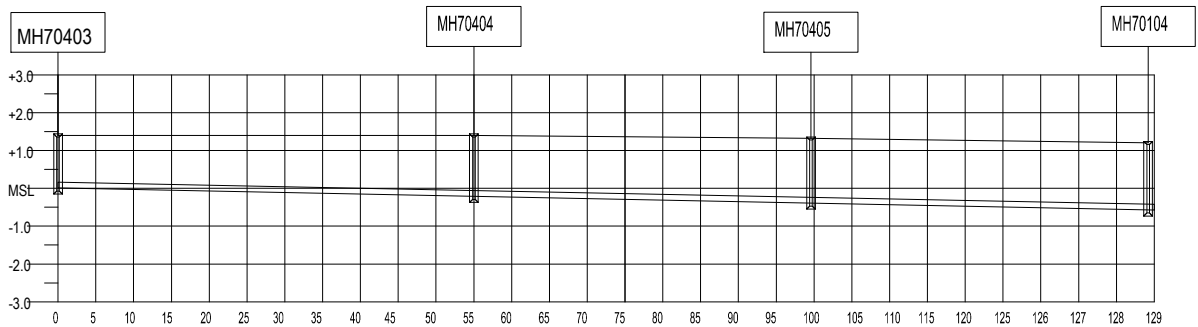
Manhole No	MS704	MH70401	MH70402	MH70403
Ground Level (from MSL)	1.36	1.37	1.38	1.39
Invert Level	0.76	0.48	0.28	0.08
Depth of Manhole	0.60	0.89	1.10	1.31
Distance between Manhole	0.00	71.00	49.00	49.00
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 07

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.34 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



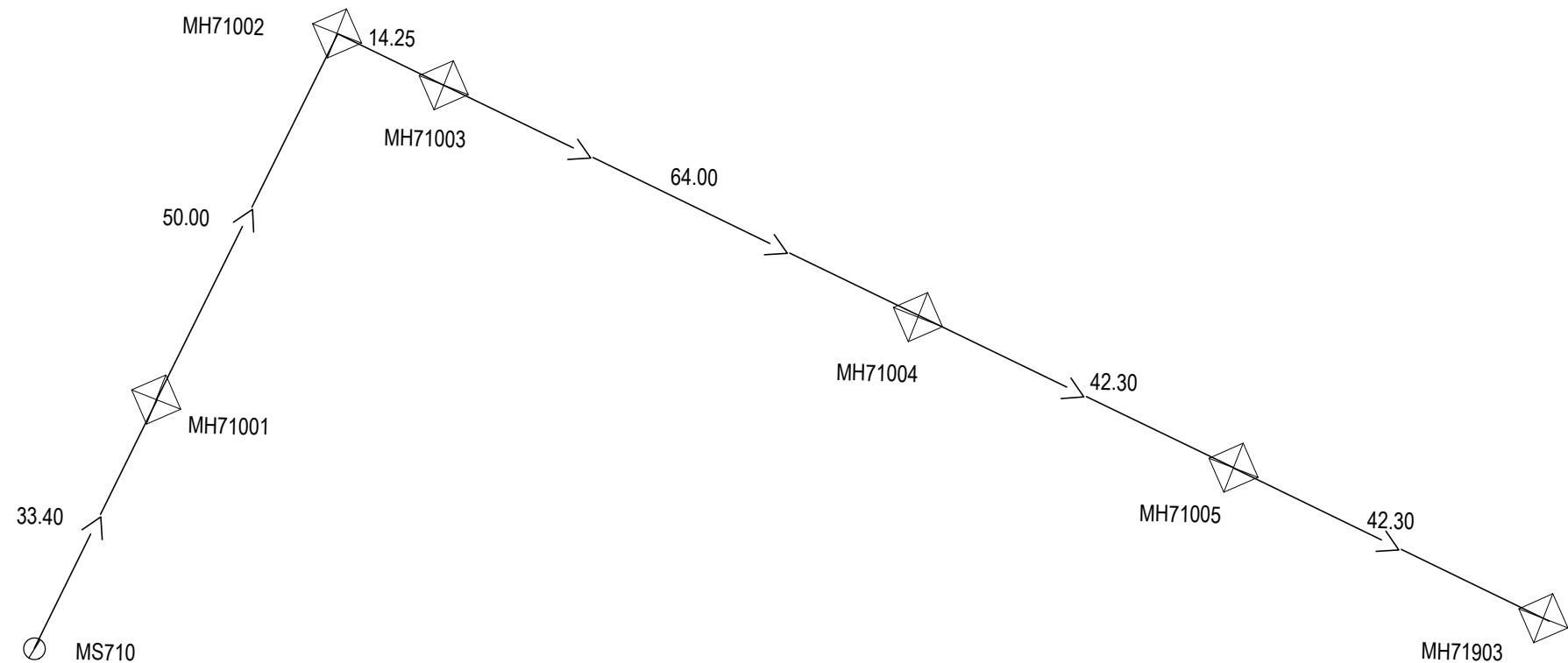
PROFILE-04b



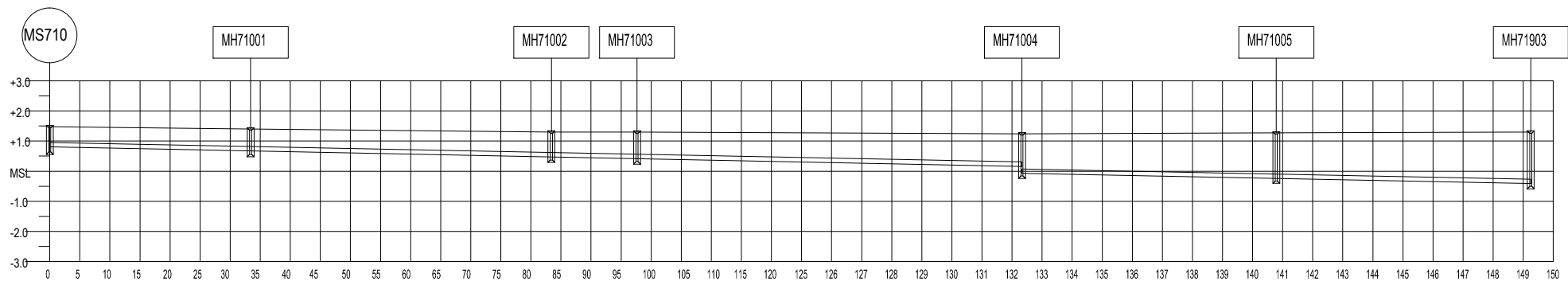
LENGTH IN METERS

Manhole No	MH70403	MH70404	MH70405	MH70104
Ground Level (from MSL)	1.39	1.40	1.32	1.20
Invert Level	0.08	-0.14	-0.32	-0.50
Depth of Manhole	1.31	1.54	1.64	1.70
Distance between Manhole	0.00	55.00	44.60	44.60
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 07



PROFILE-10

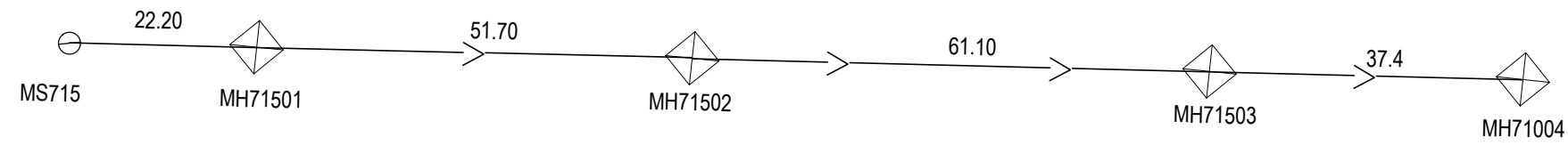


LENGTH IN METERS

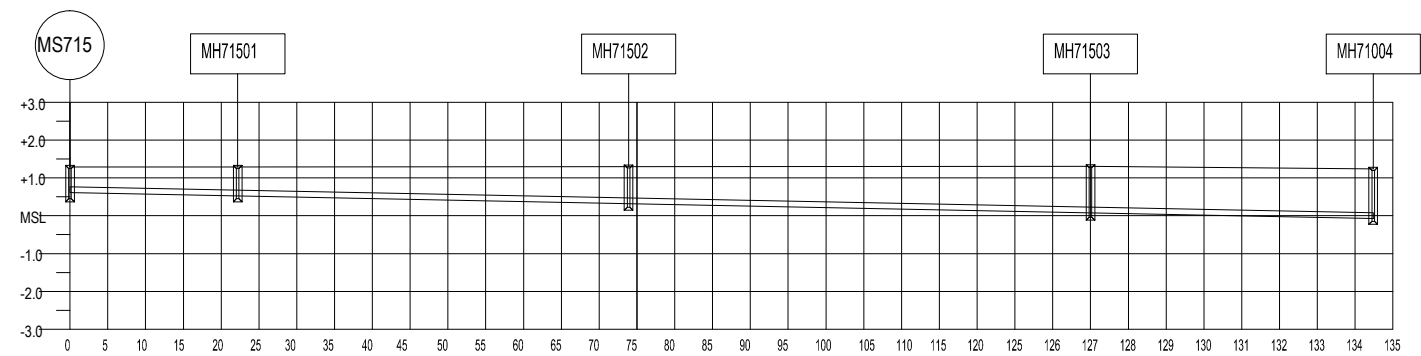
Manhole No	MS710	MH71001	MH71002	MH71003	MH71004	MH71005	MH71903
Ground Level (from MSL)	1.48	1.40	1.31	1.30	1.24	1.27	1.30
Invert Level	0.88	0.75	0.55	0.49	0.00	-0.17	-0.34
Depth of Manhole	0.60	0.65	0.76	0.81	1.24	1.44	1.64
Distance between Manhole	0.00	33.40	50.00	14.25	64.00	42.30	42.30
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 07

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.36 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-15

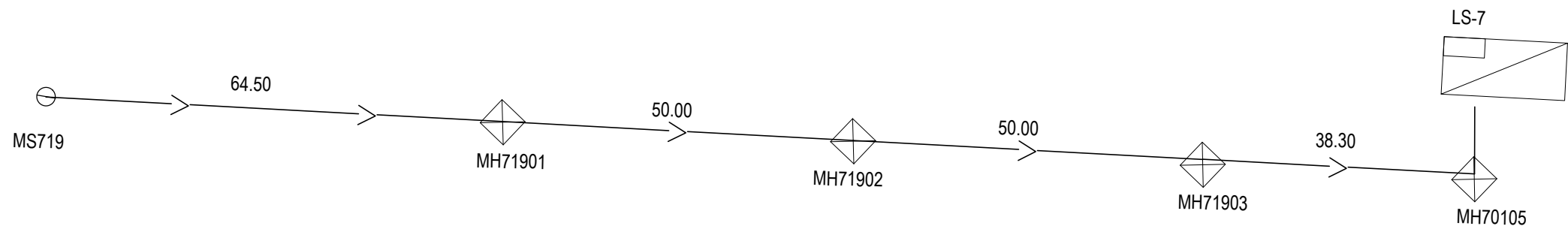


LENGTH IN METERS

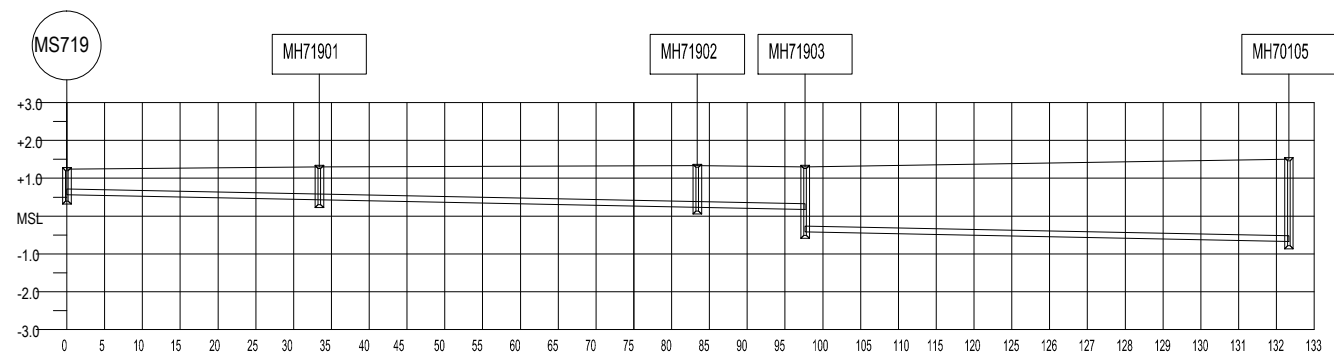
Manhole No	MS715	MH71501	MH71502	MH71503	MH71004
Ground Level (from MSL)	1.29	1.29	1.30	1.31	1.24
Invert Level	0.69	0.60	0.39	0.15	0.00
Depth of Manhole	0.60	0.69	0.91	1.16	1.24
Distance between Manhole	0.00	22.20	51.70	61.10	37.40
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 07

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.37 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-19

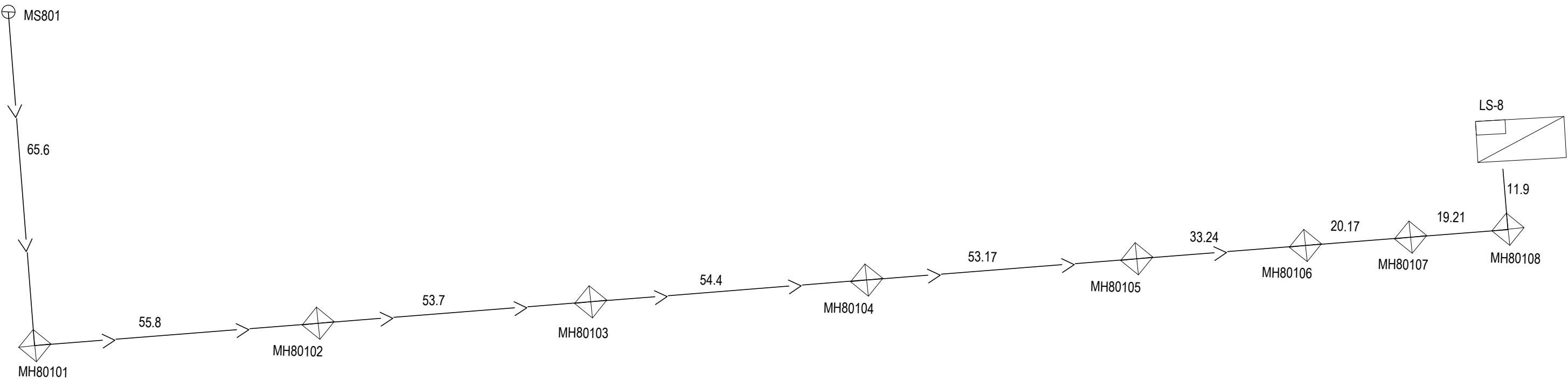


LENGTH IN METERS

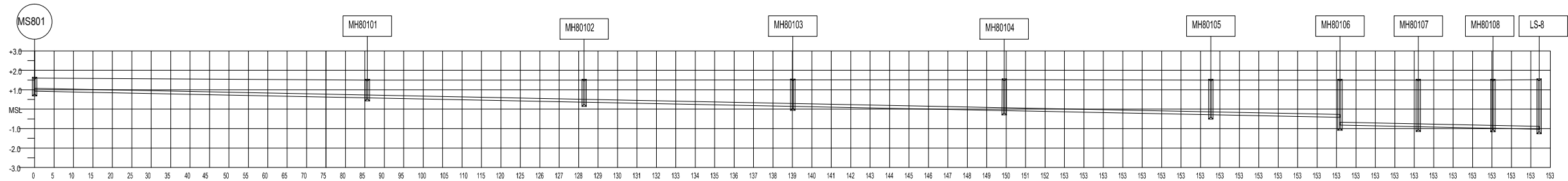
Manhole No	MS719	MH71901	MH71902	MH71903	MH70105
Ground Level (from MSL)	1.24	1.30	1.33	1.30	1.50
Invert Level	0.64	0.38	0.18	-0.34	-0.49
Depth of Manhole	0.60	0.92	1.15	1.64	1.99
Distance between Manhole	0.00	64.50	50.00	50.00	38.30
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 07

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.38 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



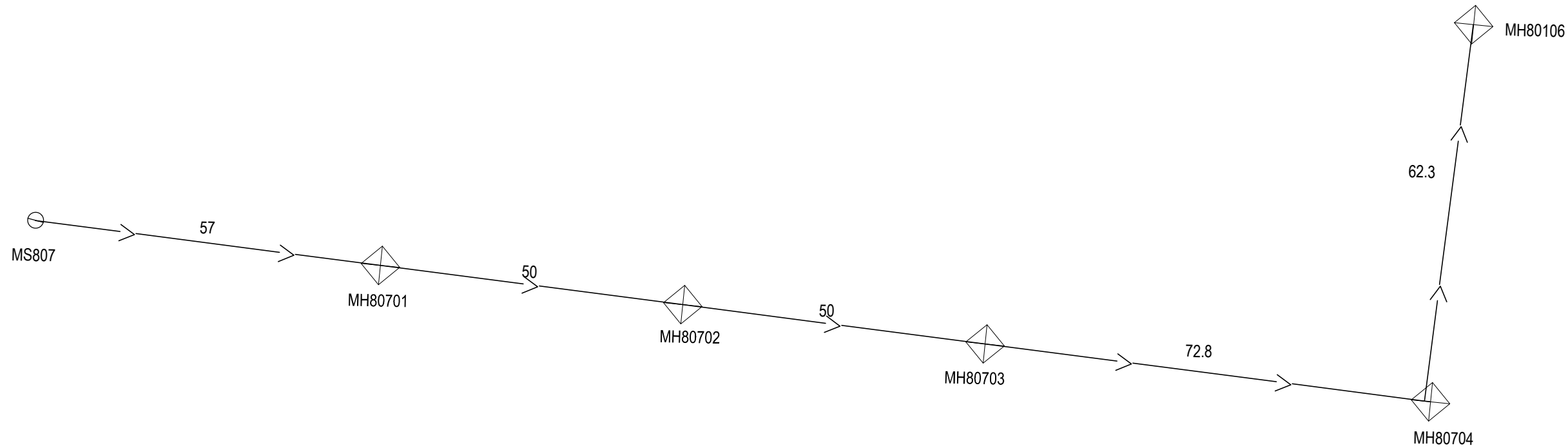
PROFILE-01



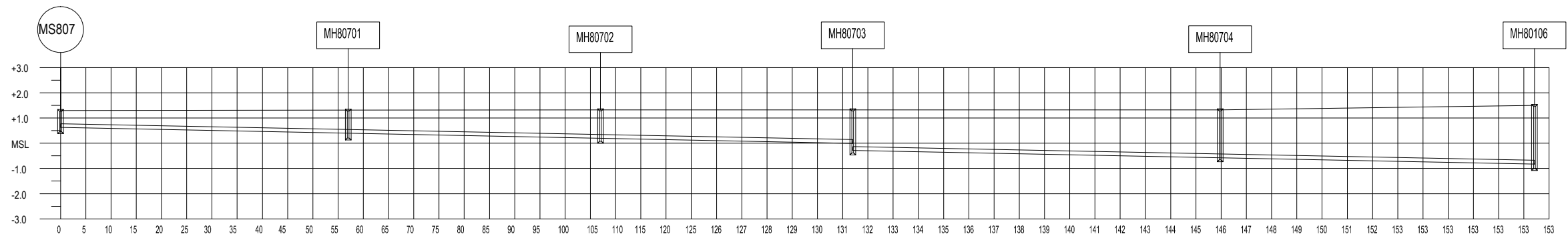
LENGTH IN METERS										
Manhole No	MS801	MH80101	MH80102	MH80103	MH80104	MH80105	MH80106	MH80107	MH80108	LS-8
Ground Level (from MSL)	1.60	1.50	1.50	1.51	1.52	1.50	1.50	1.50	1.50	1.52
Invert Level	1.00	0.66	0.43	0.22	0.00	-0.21	-0.75	-0.83	-0.91	-0.96
Depth of Manhole	0.60	0.84	1.07	1.29	1.52	1.71	2.25	2.33	2.41	2.48
Distance between Manhole	0.00	85.60	55.80	53.70	54.40	53.17	33.24	20.17	19.21	11.90
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 08

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.39 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-07

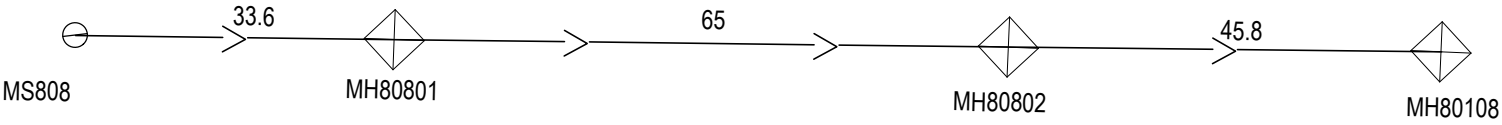


LENGTH IN METERS

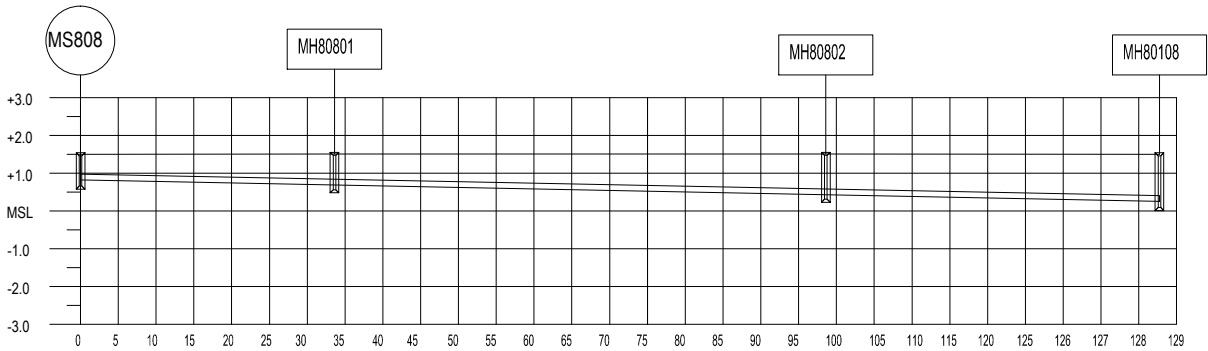
Manhole No	MS807	MH80701	MH80702	MH80703	MH80704	MH80106
Ground Level (from MSL)	1.30	1.31	1.32	1.31	1.32	1.50
Invert Level	0.70	0.47	0.27	-0.21	-0.50	-0.75
Depth of Manhole	0.60	0.84	1.05	1.52	1.82	2.25
Distance between Manhole	0.00	57.00	50.00	50.00	72.80	62.30
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 08

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.40 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	

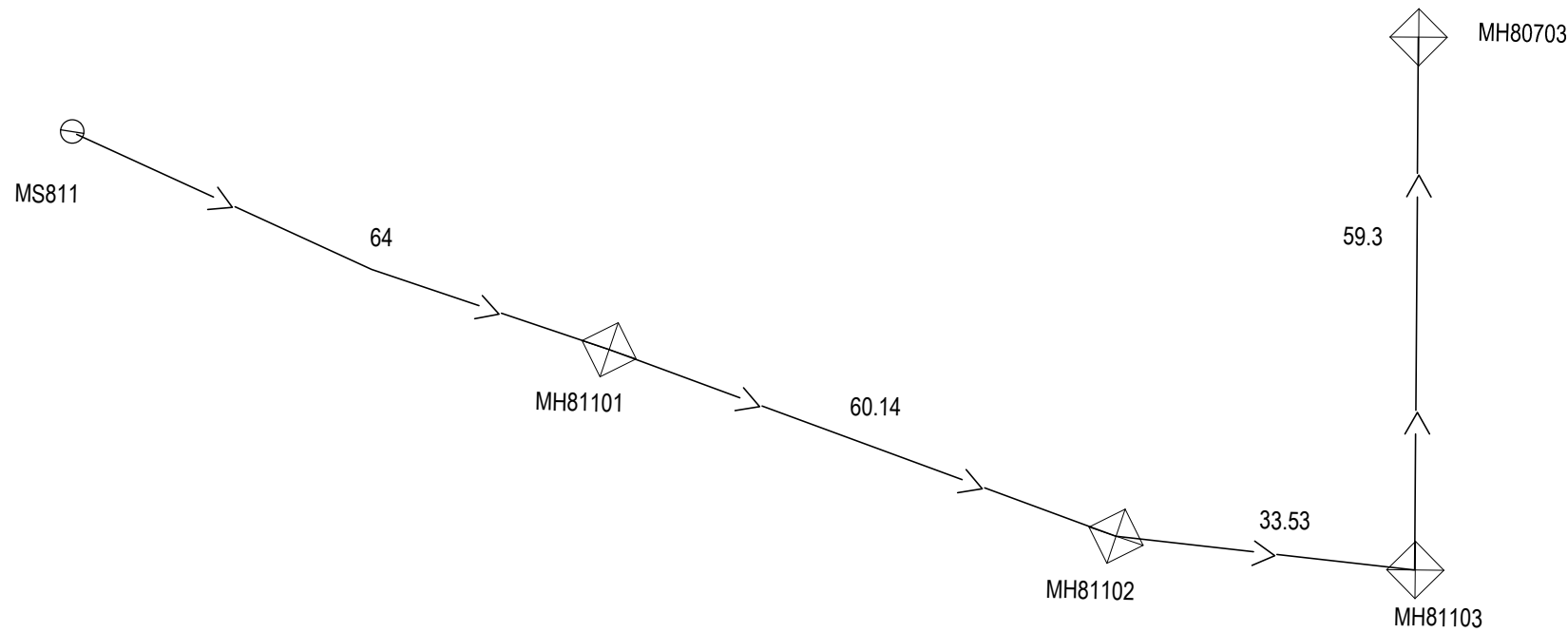


PROFILE-08

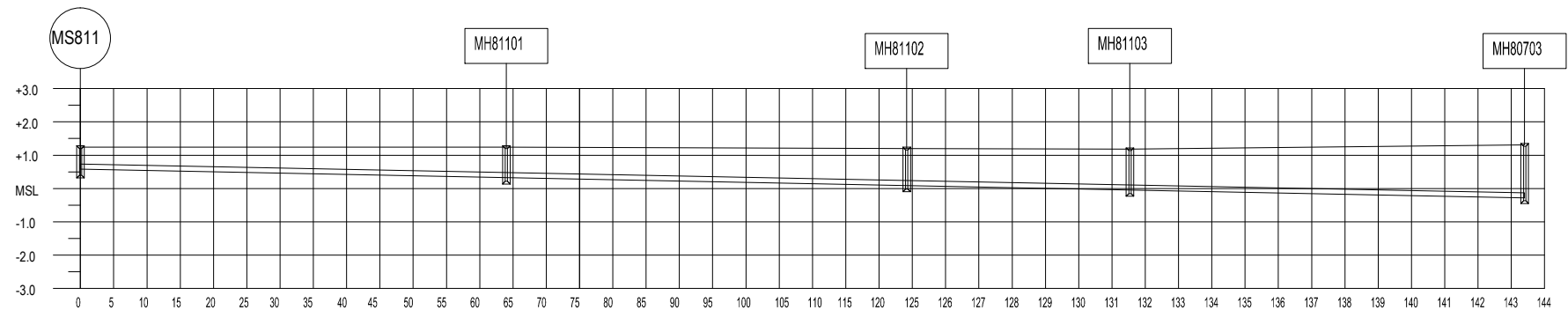


LENGTH IN METERS				
Manhole No	MS808	MH80801	MH80802	MH80108
Ground Level (from MSL)	1.50	1.51	1.51	1.50
Invert Level	0.90	0.77	0.51	0.32
Depth of Manhole	0.60	0.74	1.00	1.18
Distance between Manhole	0.00	33.60	65.00	45.80
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 08



PROFILE-11

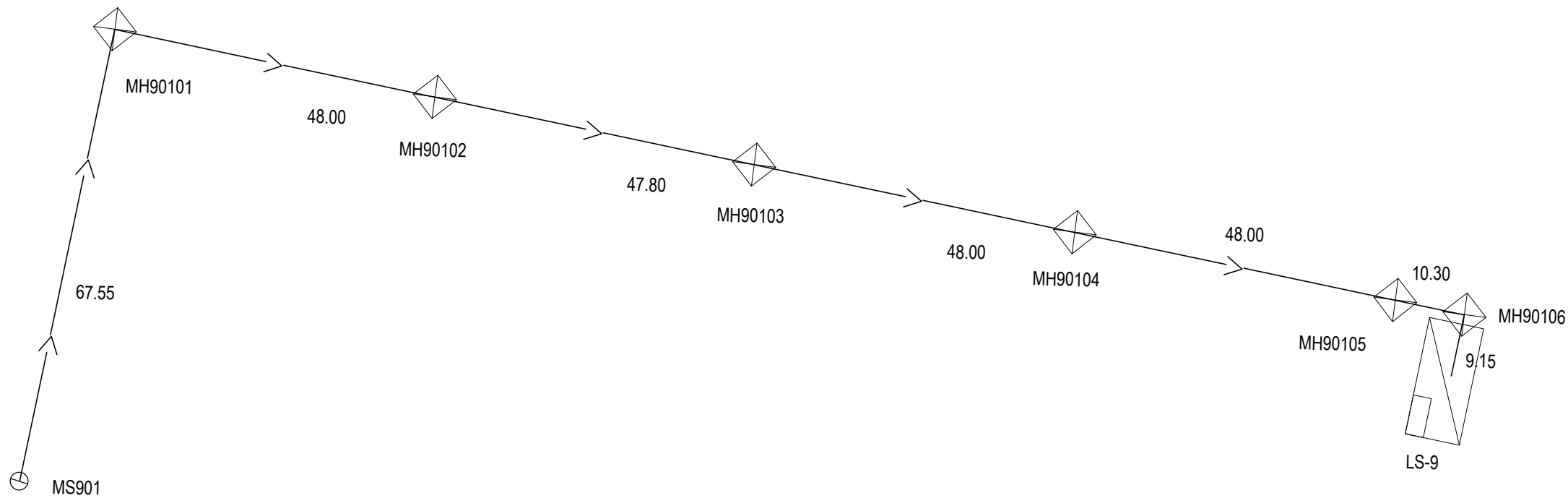


LENGTH IN METERS

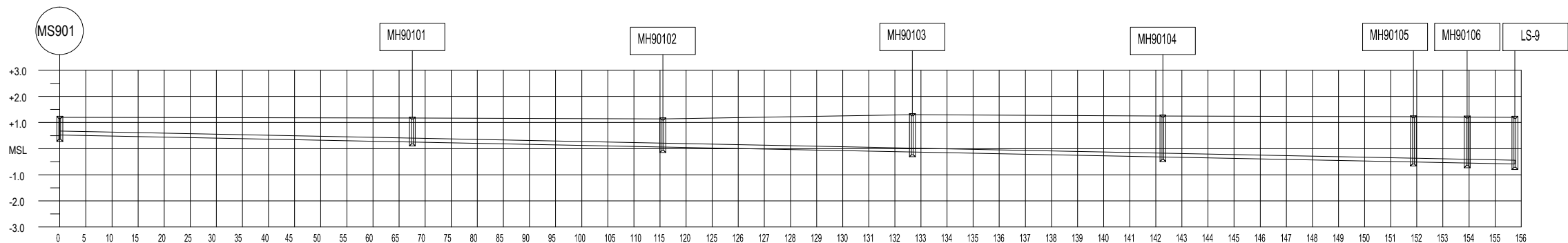
Manhole No	MS811	MH81101	MH81102	MH81103	MH80703
Ground Level (from MSL)	1.26	1.24	1.20	1.18	1.31
Invert Level	0.66	0.40	0.16	0.03	-0.21
Depth of Manhole	0.60	0.84	1.04	1.15	1.52
Distance between Manhole	0.00	64.00	60.14	33.53	59.30
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 08

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.42 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-01

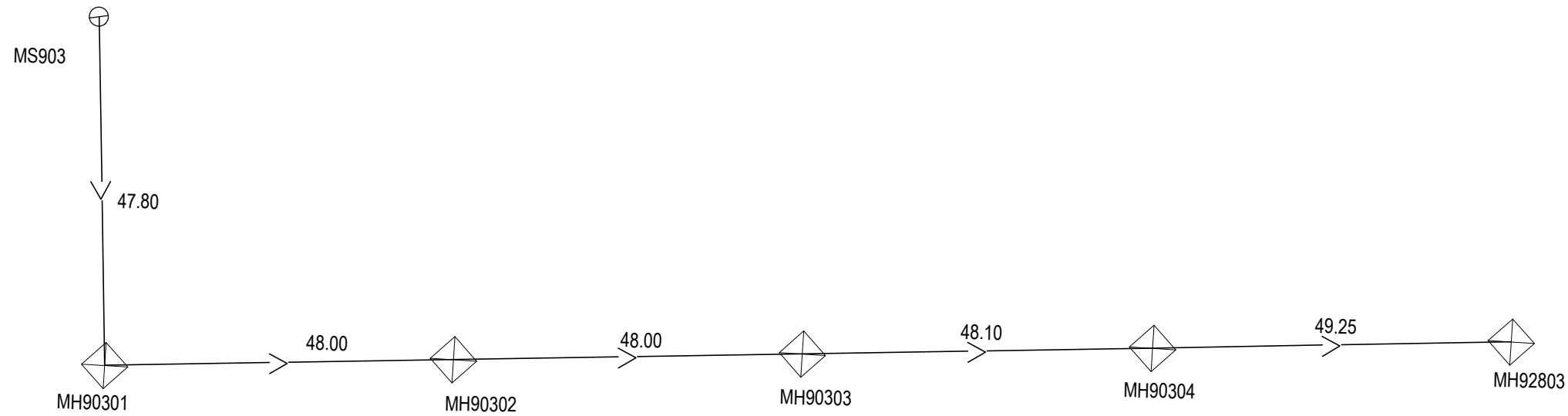


LENGTH IN METERS

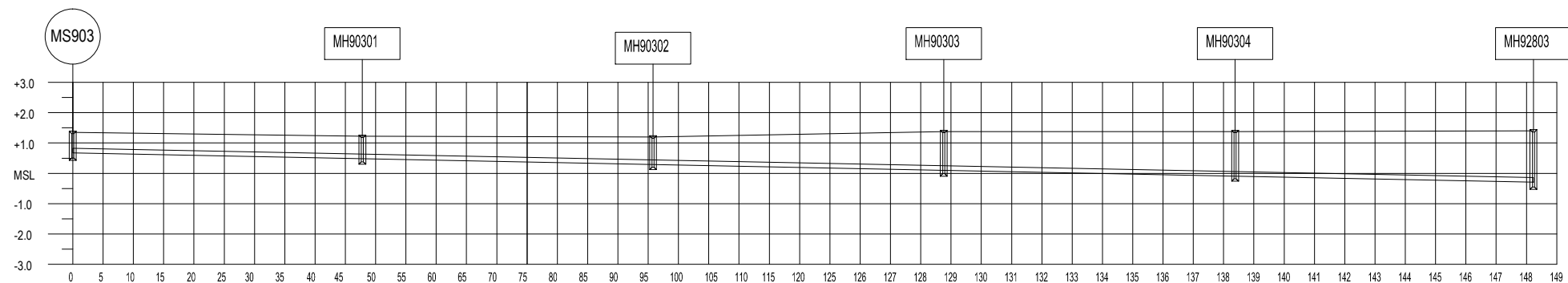
Manhole No	MS901	MH90101	MH90102	MH90103	MH90104	MH90105	MH90106	LS-9
Ground Level (from MSL)	1.20	1.17	1.14	1.30	1.25	1.22	1.21	1.20
Invert Level	0.60	0.33	0.14	-0.05	-0.25	-0.44	-0.48	-0.52
Depth of Manhole	0.60	0.84	1.00	1.35	1.50	1.66	1.69	1.72
Distance between Manhole	0.00	67.55	48.00	47.80	48.00	48.00	10.30	9.15
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 09

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.43 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



PROFILE-03

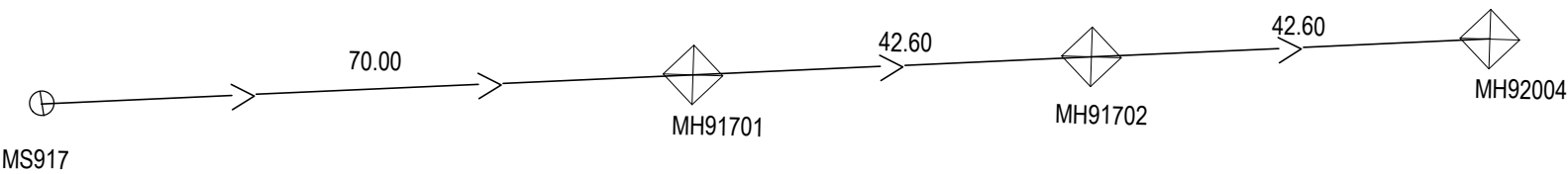


LENGTH IN METERS

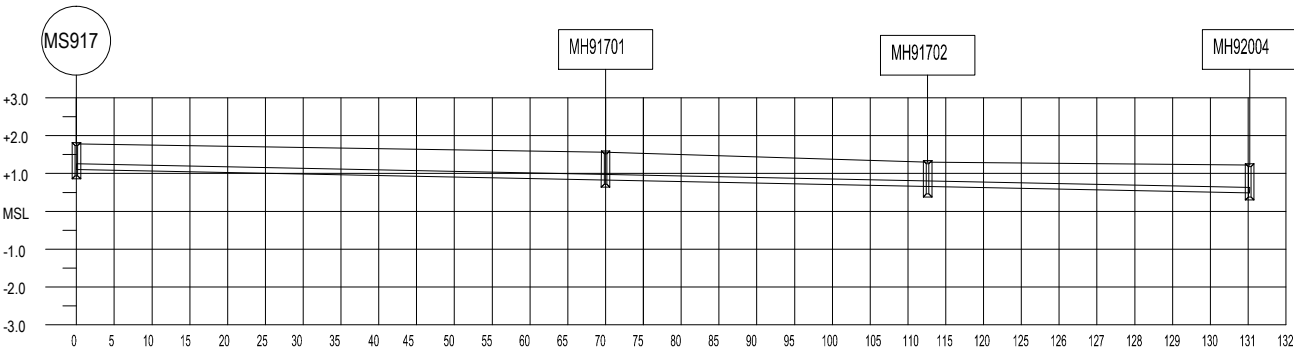
Manhole No	MS903	MH90301	MH90302	MH90303	MH90304	MH92803
Ground Level (from MSL)	1.35	1.22	1.20	1.38	1.38	1.40
Invert Level	0.75	0.56	0.37	0.17	-0.02	-0.21
Depth of Manhole	0.60	0.66	0.83	1.21	1.40	1.61
Distance between Manhole	0.00	47.80	48.00	48.00	48.10	49.25
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 09

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MA-SW-106.44
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	Sheet No.



PROFILE-17

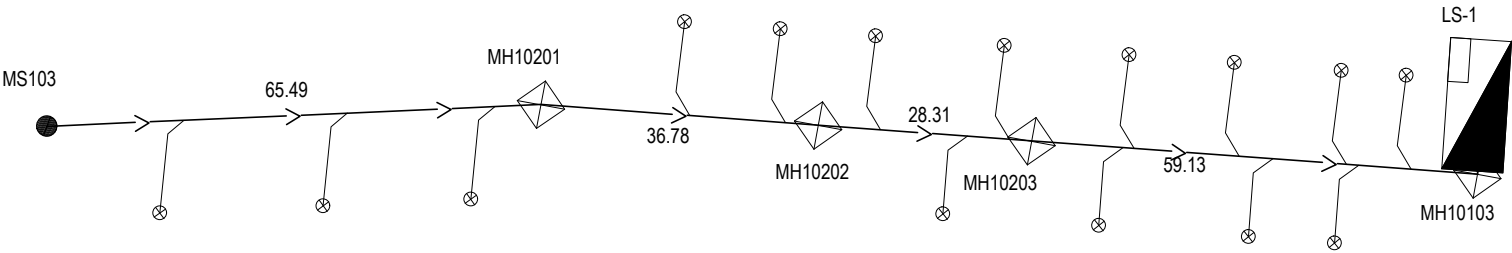


LENGTH IN METERS

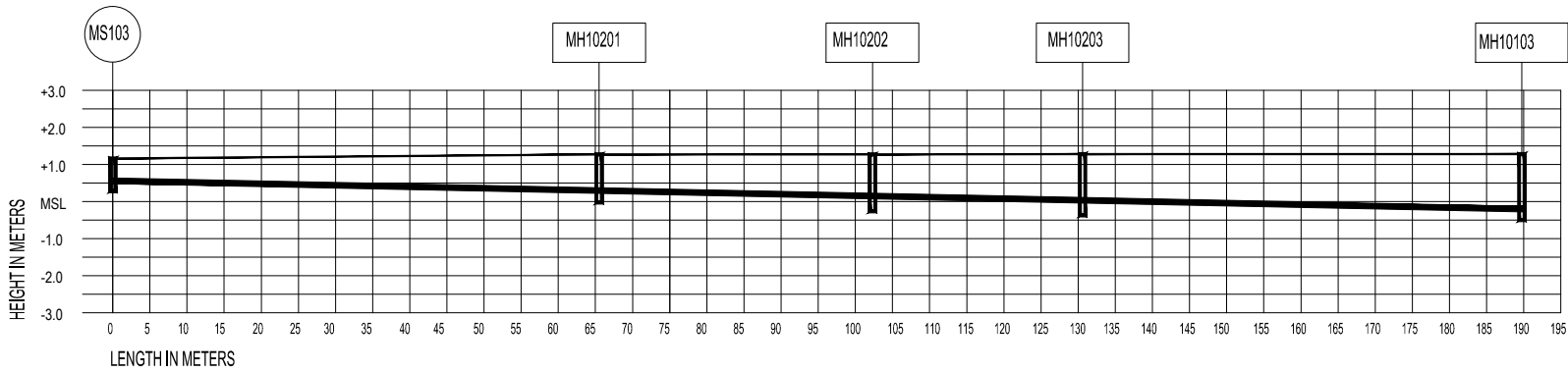
Manhole No	MS917	MH91701	MH91702	MH92004
Ground Level (from MSL)	1.78	1.56	1.30	1.22
Invert Level	1.18	0.90	0.73	0.56
Depth of Manhole	0.60	0.66	0.57	0.66
Distance between Manhole	0.00	70.00	42.60	42.60
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 09

S. FEYDHOO CATCHMENT PROFILE DRAWINGS



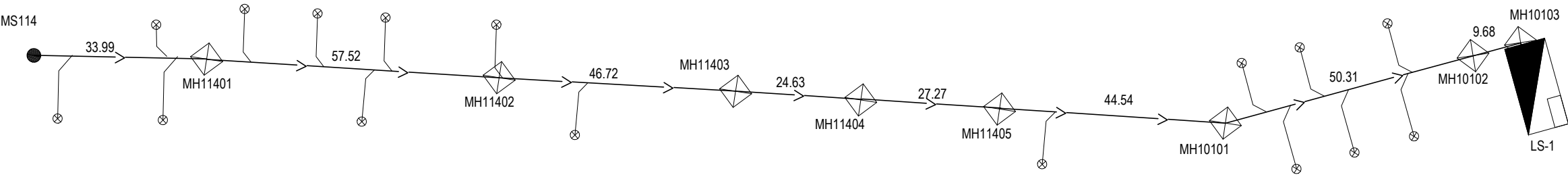
PROFILE-03



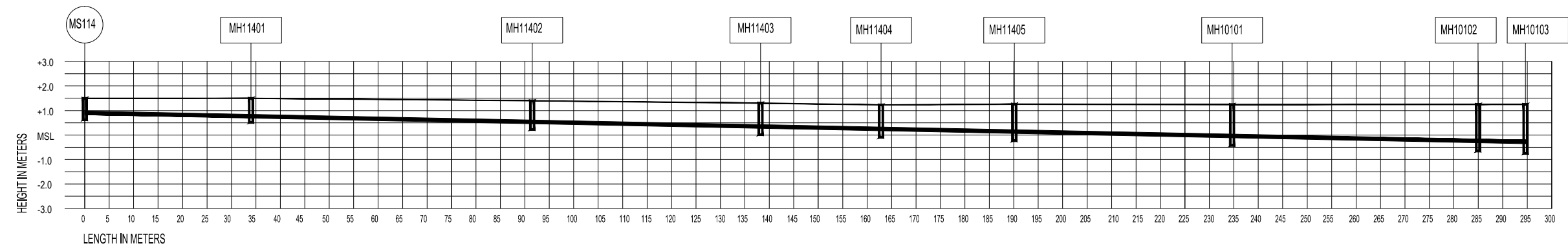
Manhole No	MS103	MH10201	MH10202	MH10203	MH10103
Ground Level (from MSL)	1.16	1.27	1.27	1.28	1.28
Invert Level	0.56	0.30	0.15	0.04	-0.20
Depth of Manhole	0.60	0.97	1.12	1.24	1.48
Distance between Manhole	0.00	65.49	36.78	28.31	59.13
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 01

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer  2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.1
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	Sheet No.

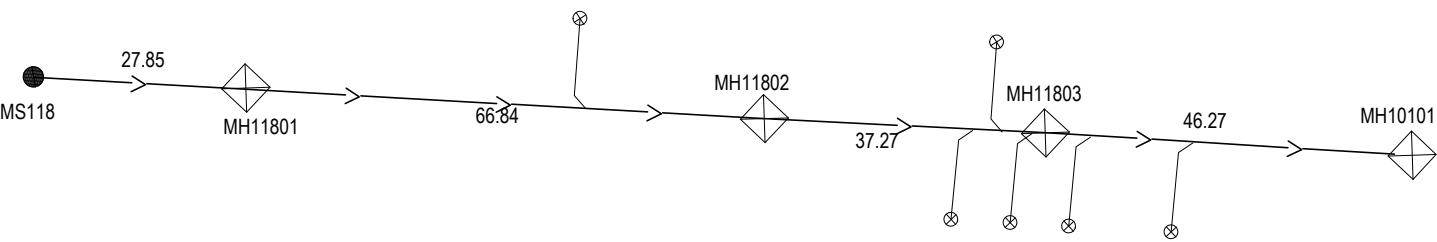


PROFILE-14

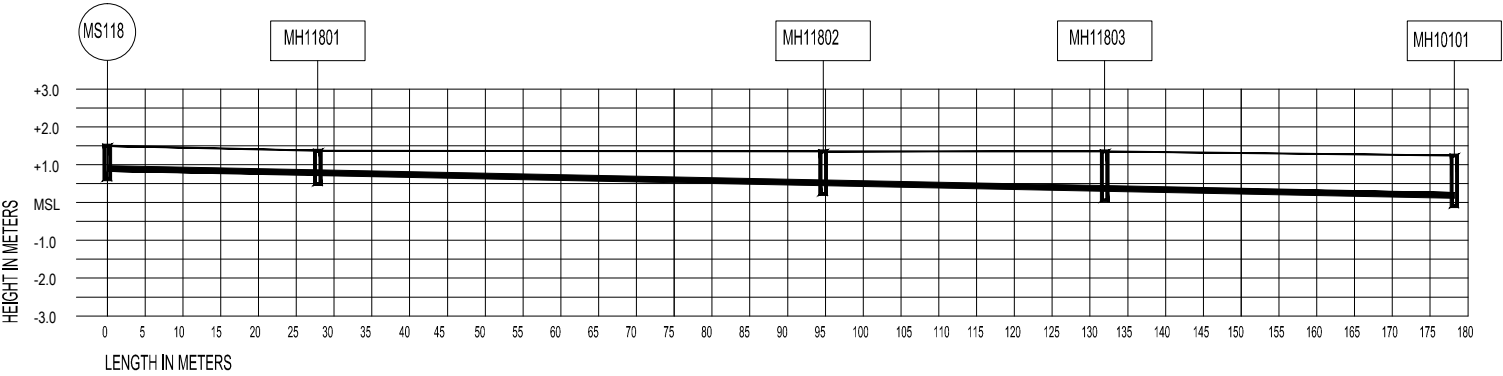


Manhole No	MS114	MH11401	MH11402	MH11403	MH11404	MH11405	MH10101	MH10102	MH10103
Ground Level (from MSL)	1.50	1.50	1.40	1.30	1.23	1.26	1.24	1.25	1.25
Invert Level	0.90	0.76	0.53	0.35	0.25	0.14	-0.04	-0.24	-0.28
Depth of Manhole	0.60	0.74	0.87	0.95	0.98	1.12	1.28	1.49	1.53
Distance between Manhole	0.00	33.99	57.52	46.72	24.63	27.27	44.54	50.31	9.68
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 01

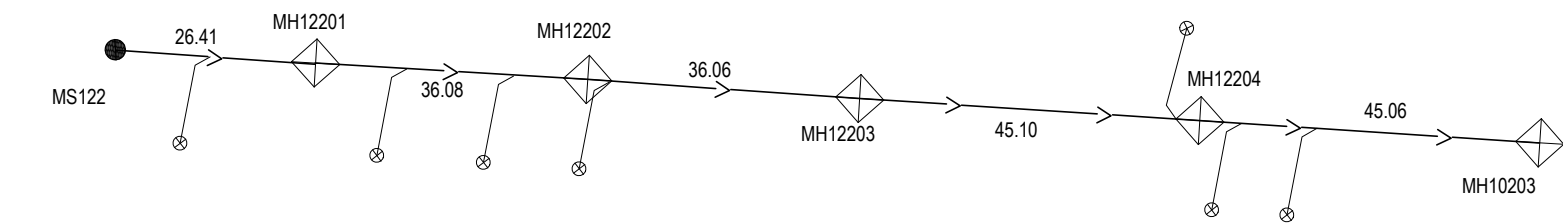


PROFILE-18

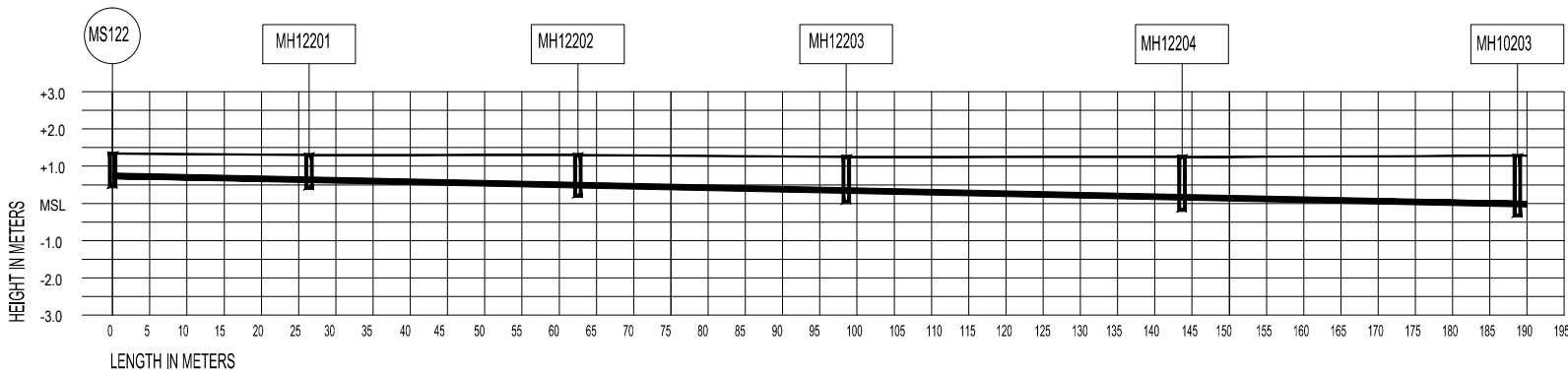


Manhole No	MS118	MH11801	MH11802	MH11803	MH10101
Ground Level (from MSL)	1.50	1.37	1.35	1.35	1.24
Invert Level	0.90	0.79	0.52	0.37	0.19
Depth of Manhole	0.60	0.58	0.83	0.98	1.05
Distance between Manhole	0.00	27.85	66.84	37.27	46.27
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 01

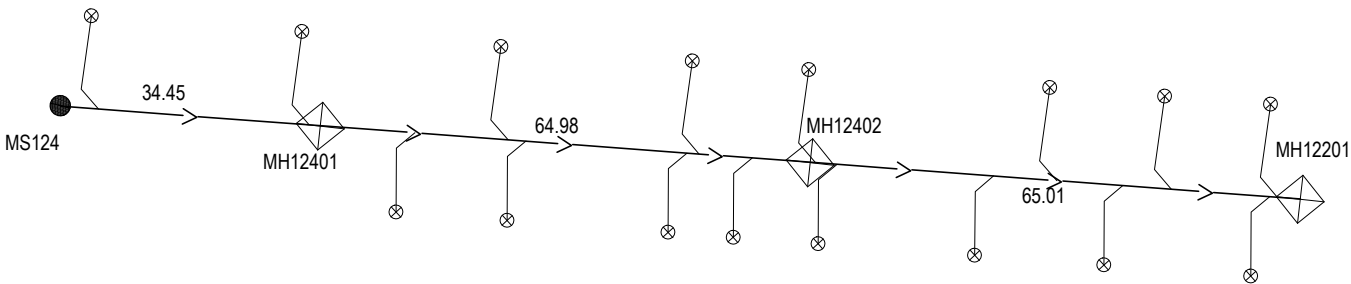


PROFILE-22

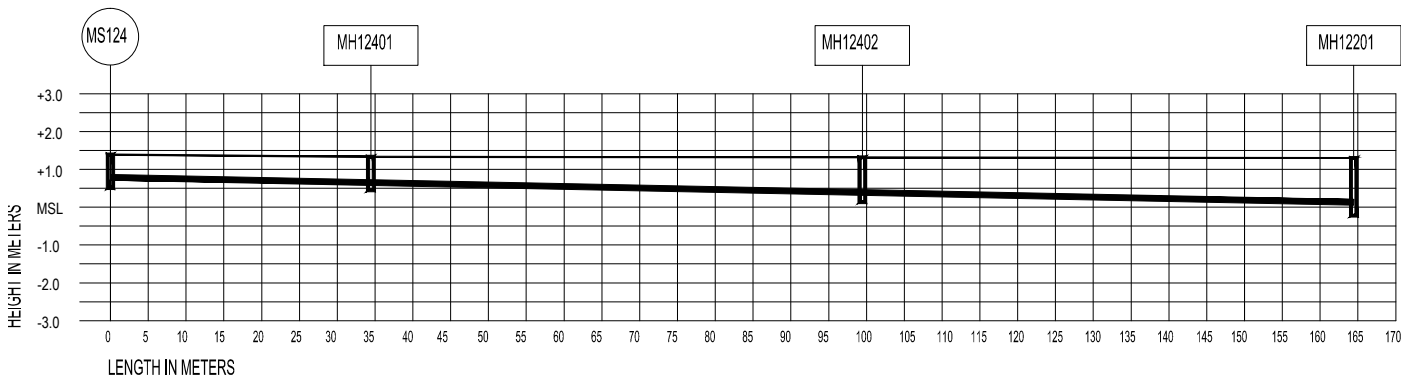


Manhole No	MS122	MH12201	MH12202	MH12203	MH12204	MH10203
Ground Level (from MSL)	1.34	1.30	1.30	1.25	1.25	1.28
Invert Level	0.74	0.63	0.49	0.35	0.17	-0.01
Depth of Manhole	0.60	0.67	0.81	0.90	1.08	1.29
Distance between Manhole	0.00	26.41	36.08	36.06	45.10	45.06
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 01

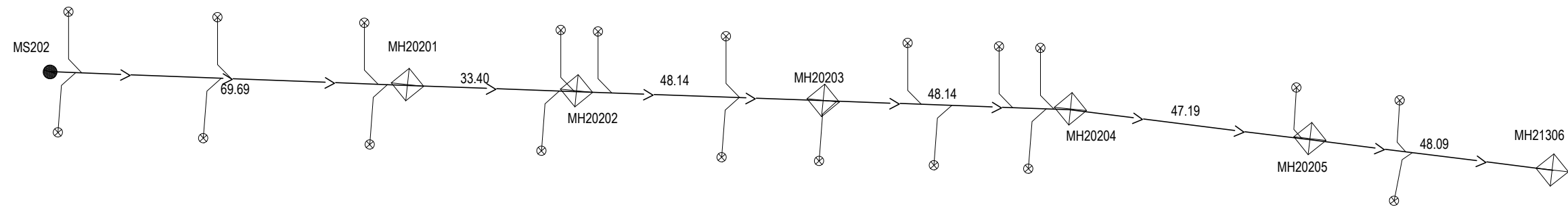


PROFILE-24

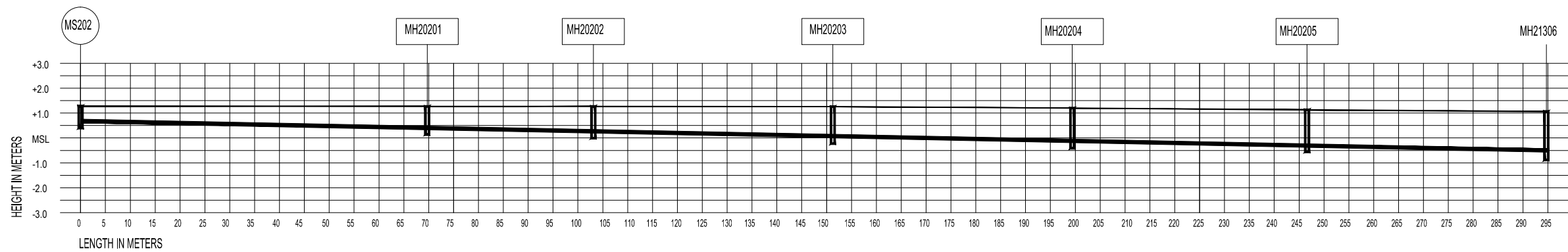


Manhole No	MS124	MH12401	MH12402	MH12201
Ground Level (from MSL)	1.39	1.33	1.32	1.30
Invert Level	0.79	0.65	0.39	0.13
Depth of Manhole	0.60	0.68	0.93	1.17
Distance between Manhole	0.00	34.45	64.98	65.01
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 01



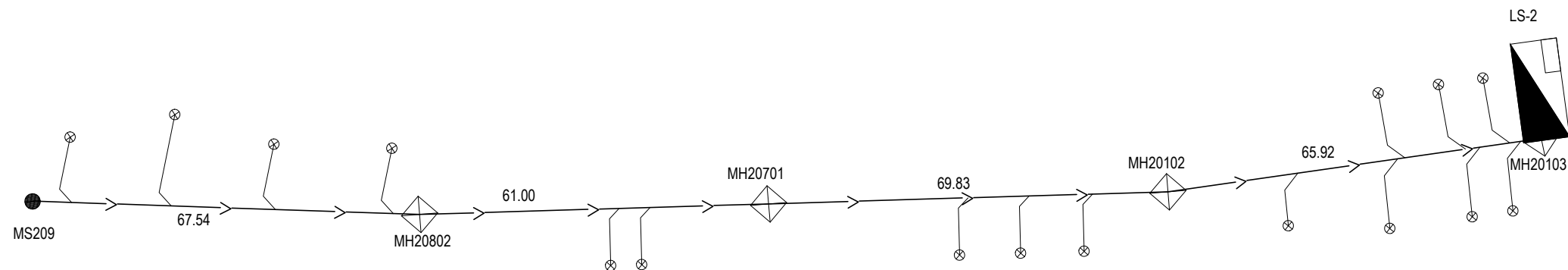
PROFILE-02



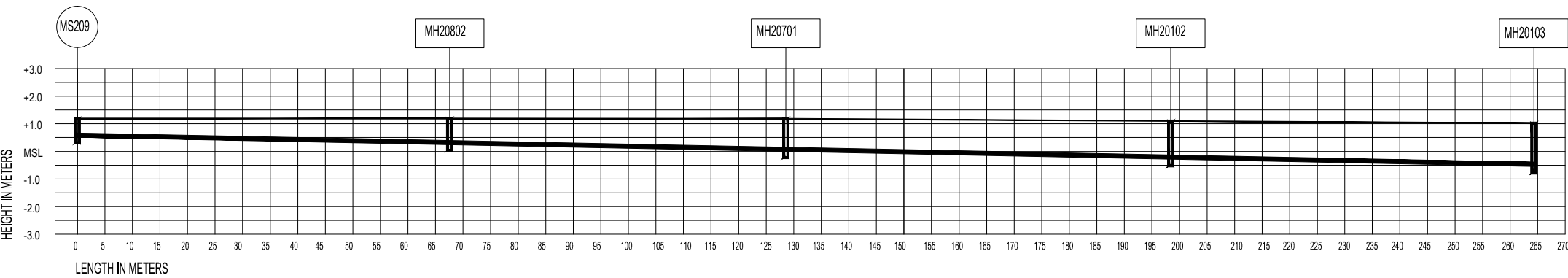
Manhole No	MS202	MH20201	MH20202	MH20203	MH20204	MH20205	MH21306
Ground Level (from MSL)	1.28	1.27	1.27	1.26	1.20	1.13	1.06
Invert Level	0.68	0.40	0.27	0.08	-0.12	-0.31	-0.50
Depth of Manhole	0.60	0.87	1.00	1.18	1.32	1.44	1.56
Distance between Manhole	0.00	69.69	33.40	48.14	48.14	47.19	48.09
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 02

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.5
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	Sheet No.
								Date:	28.Mar.2016	
								Scale:	As given	

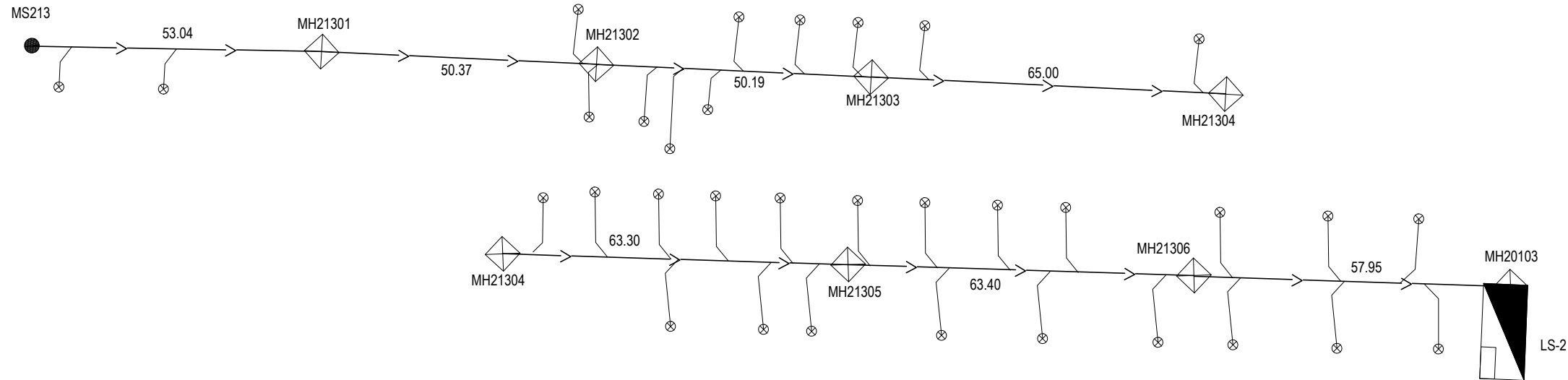


PROFILE-09

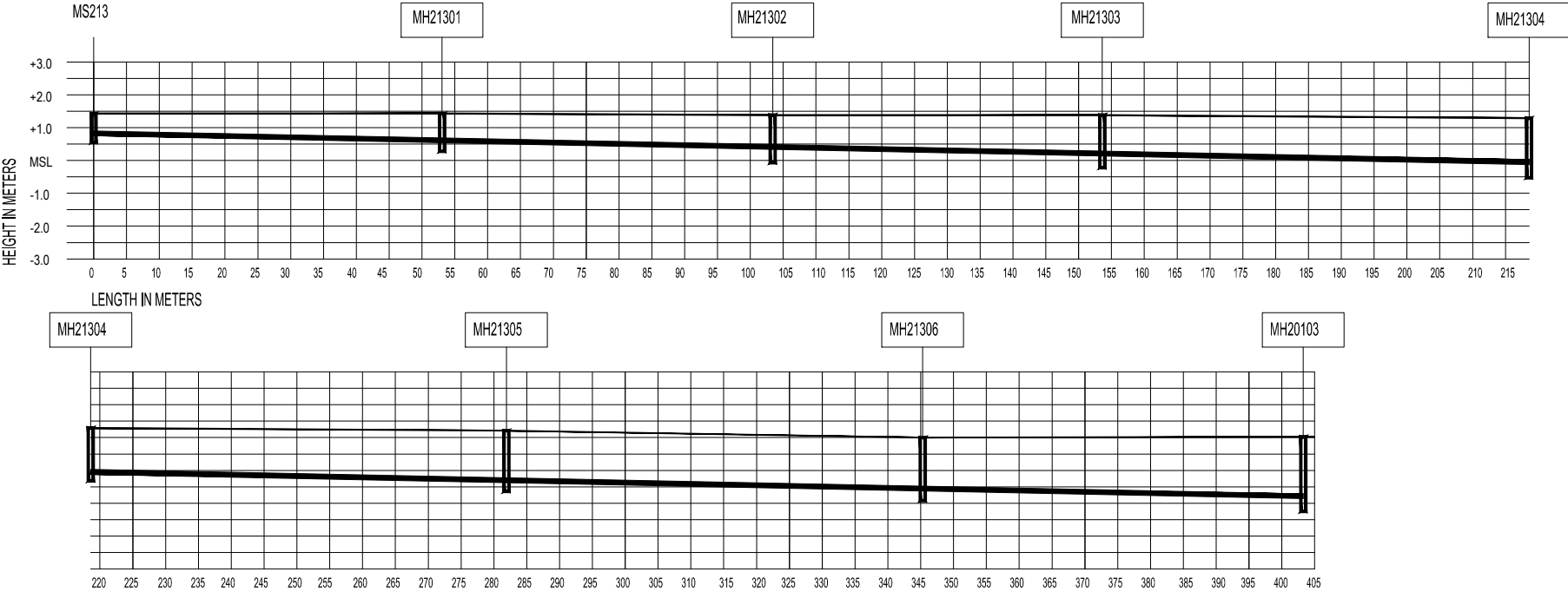


Manhole No	MS209	MH20802	MH20701	MH20102	MH20103
Ground Level (from MSL)	1.19	1.19	1.18	1.10	1.02
Invert Level	0.59	0.32	0.08	-0.20	-0.47
Depth of Manhole	0.60	0.87	1.10	1.30	1.49
Distance between Manhole	0.00	67.54	61.00	69.83	65.92
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 02



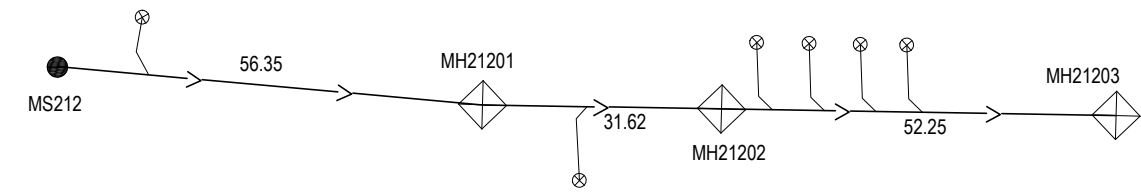
PROFILE-13



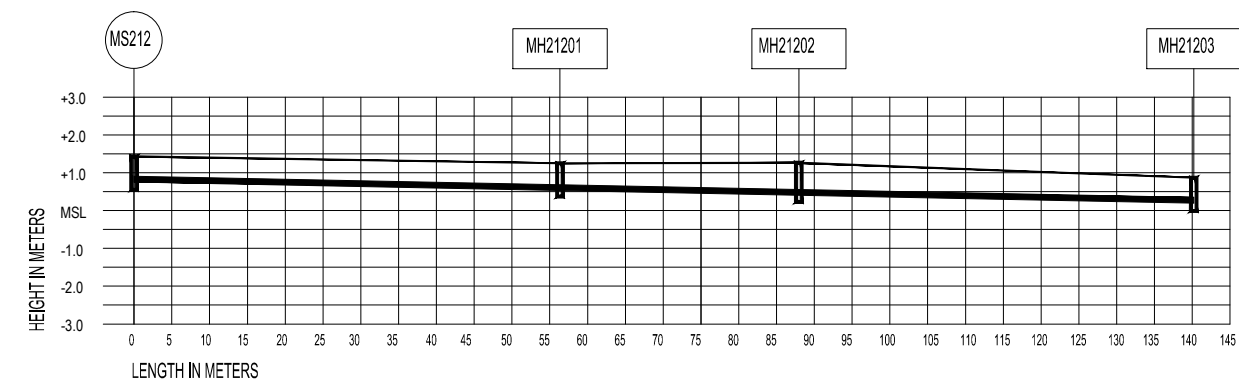
Manhole No	MS213	MH21301	MH21302	MH21303	MH21304	MH21305	MH21306	MH20103
Ground Level (from MSL)	1.43	1.43	1.38	1.38	1.29	1.21	1.00	1.02
Invert Level	0.83	0.62	0.42	0.22	-0.04	-0.30	-0.55	-0.78
Depth of Manhole	0.60	0.81	0.96	1.16	1.33	1.51	1.55	1.80
Distance between Manhole	0.00	53.04	50.37	50.19	65.00	63.30	63.40	57.95
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 02

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer  2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.7
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	Sheet No.



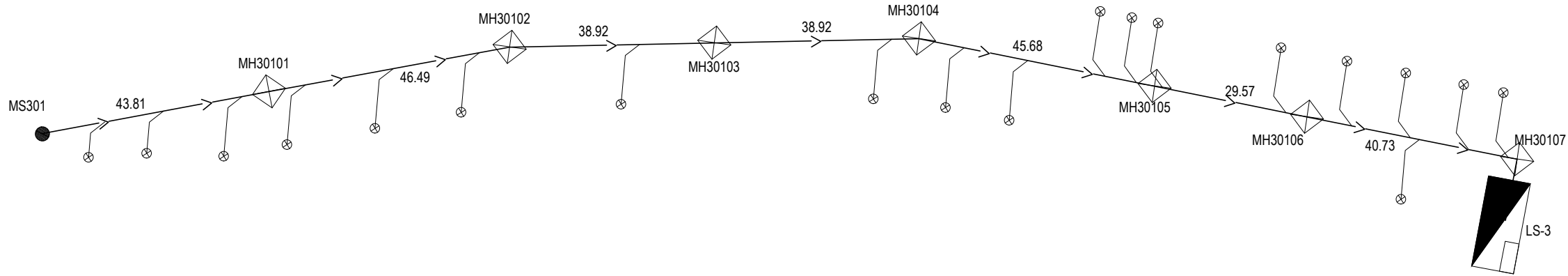
PROFILE-12



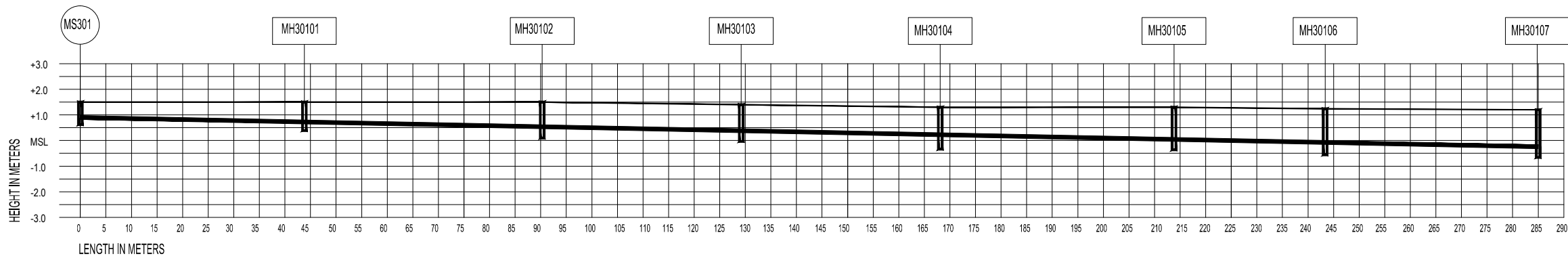
Manhole No	MS212	MH21201	MH21202	MH21203
Ground Level (from MSL)	1.43	1.25	1.26	0.87
Invert Level	0.83	0.60	0.48	0.27
Depth of Manhole	0.60	0.65	0.78	0.60
Distance between Manhole	0.00	56.35	31.62	52.25
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 02

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.8 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



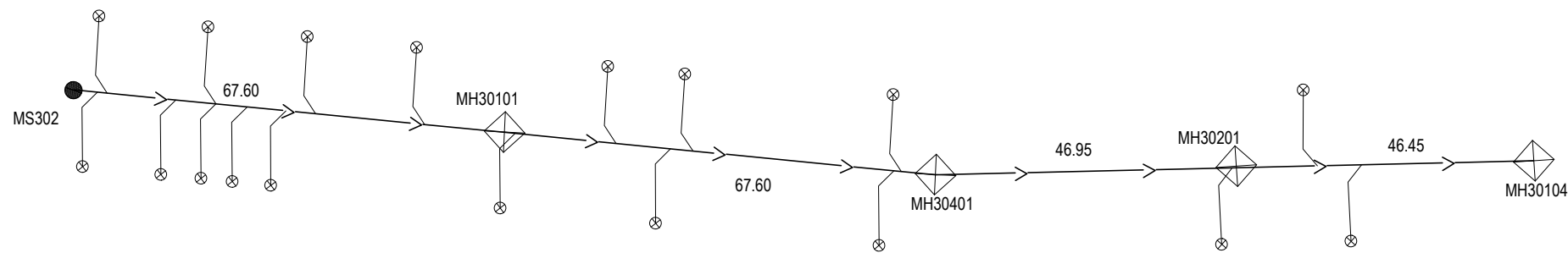
PROFILE-01



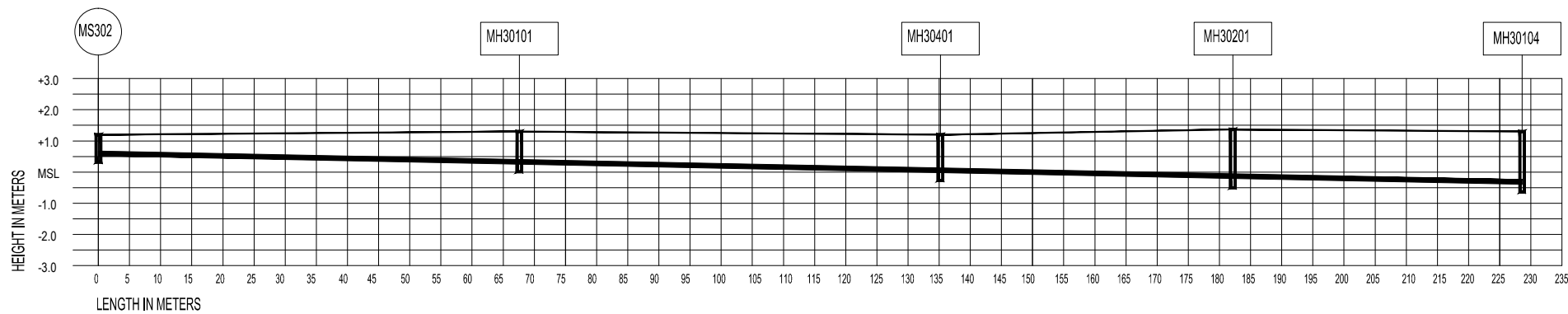
Manhole No	MS301	MH30101	MH30102	MH30103	MH30104	MH30105	MH30106	MH30107
Ground Level (from MSL)	1.50	1.50	1.50	1.40	1.30	1.30	1.24	XX
Invert Level	0.90	0.72	0.54	0.38	0.23	0.04	-0.07	-0.24
Depth of Manhole	0.60	0.78	0.96	1.02	1.07	1.26	1.31	#VALUE!
Distance between Manhole	0.00	43.81	46.49	38.92	38.92	45.68	29.57	40.73
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 03

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer  2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.9
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	Sheet No.



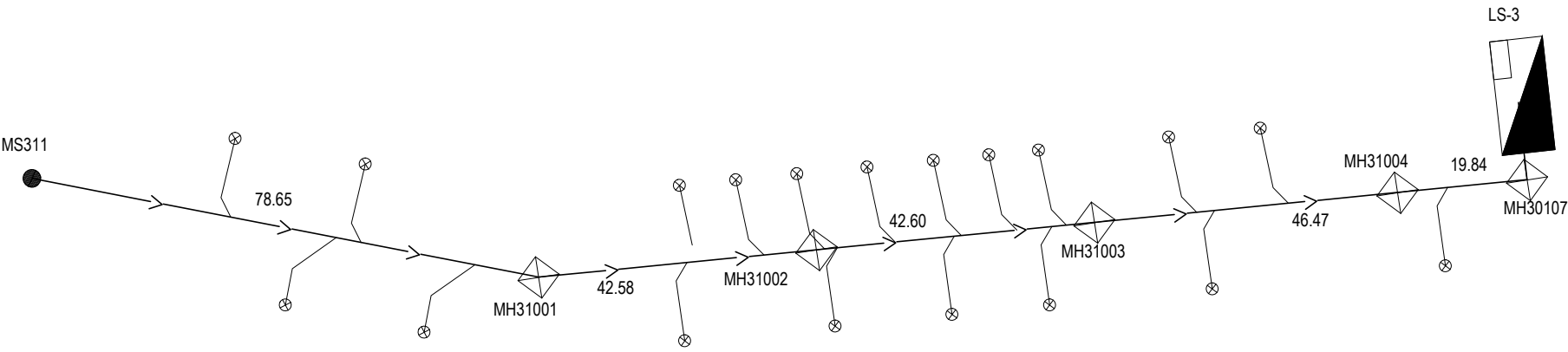
PROFILE-02



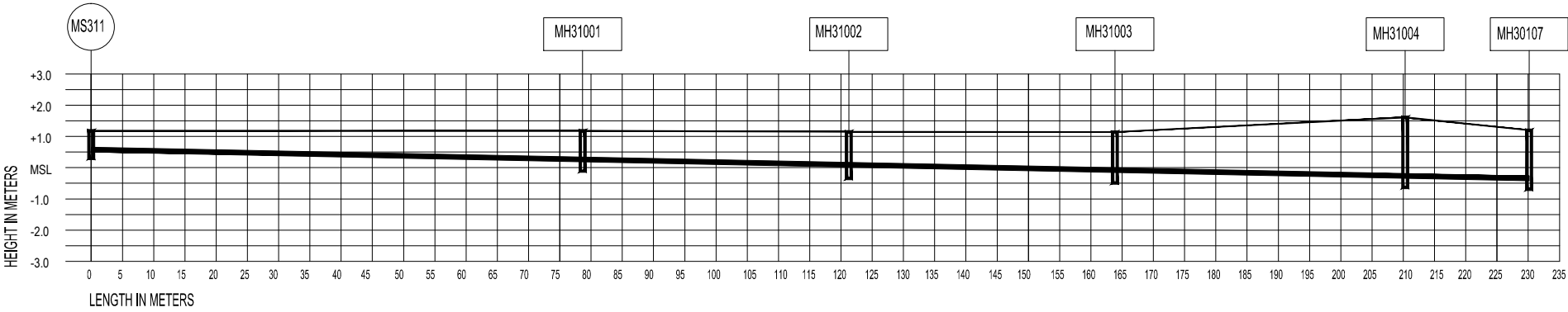
Manhole No	MS302	MH30101	MH30401	MH30201	MH30104
Ground Level (from MSL)	1.20	1.30	1.20	1.37	1.30
Invert Level	0.60	0.33	0.06	-0.13	-0.31
Depth of Manhole	0.60	0.97	1.14	1.50	1.61
Distance between Manhole	0.00	67.60	67.60	46.95	46.45
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 03

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.10 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



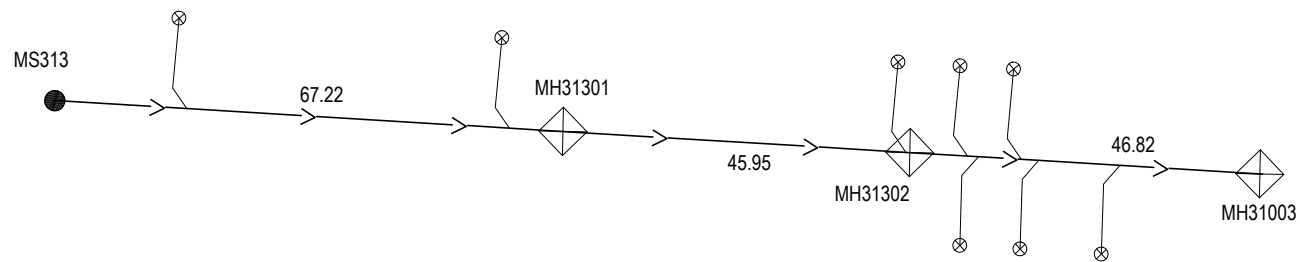
PROFILE-11



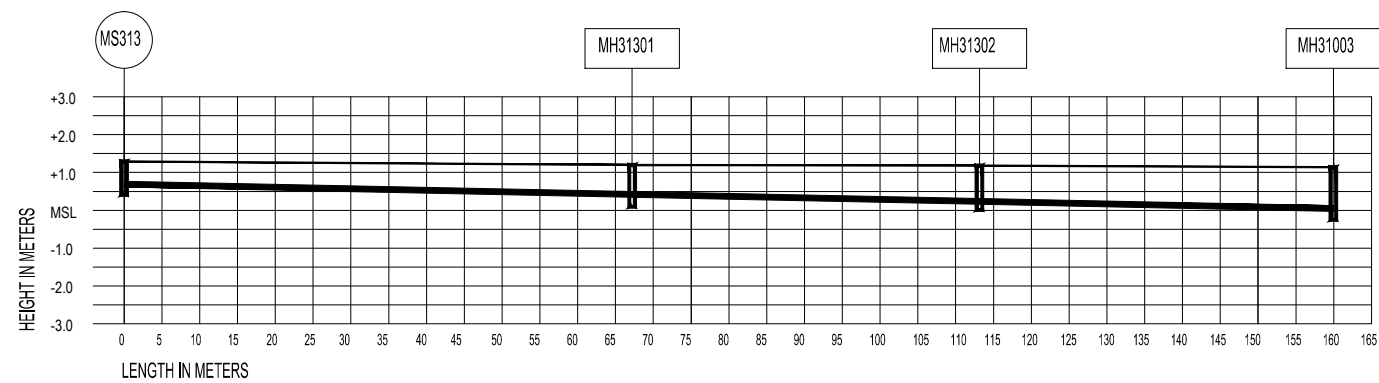
Manhole No	MS311	MH31001	MH31002	MH31003	MH31004	MH30107
Ground Level (from MSL)	1.18	1.18	1.15	1.14	1.11	1.20
Invert Level	0.58	0.27	0.10	-0.08	-0.26	-0.34
Depth of Manhole	0.60	0.91	1.05	1.22	1.37	1.54
Distance between Manhole	0.00	78.65	42.58	42.60	46.47	19.84
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 03

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.11 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	

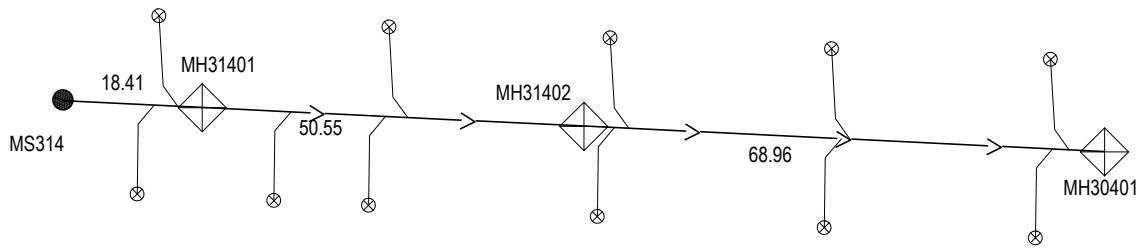


PROFILE-13

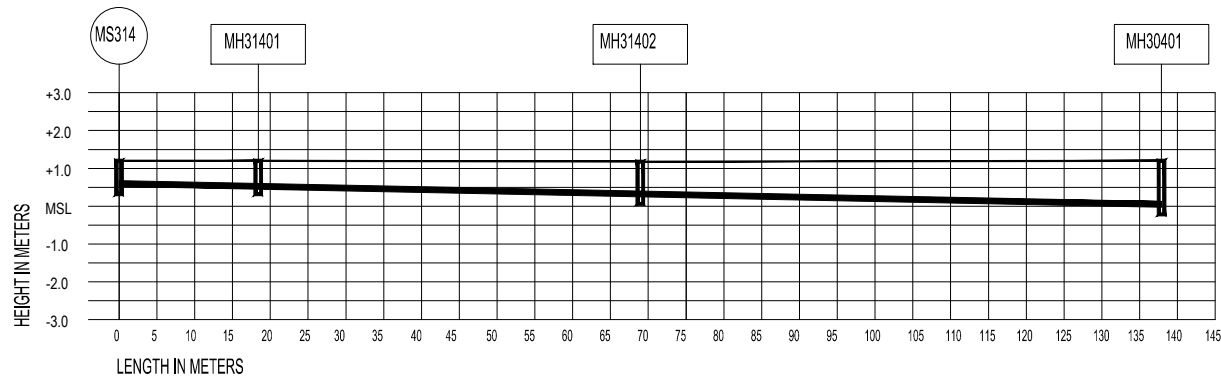


Manhole No	MS313	MH31301	MH31302	MH31003
Ground Level (from MSL)	1.29	1.20	1.18	1.14
Invert Level	0.69	0.42	0.24	0.05
Depth of Manhole	0.60	0.78	0.94	1.09
Distance between Manhole	0.00	67.22	45.95	46.82
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 03

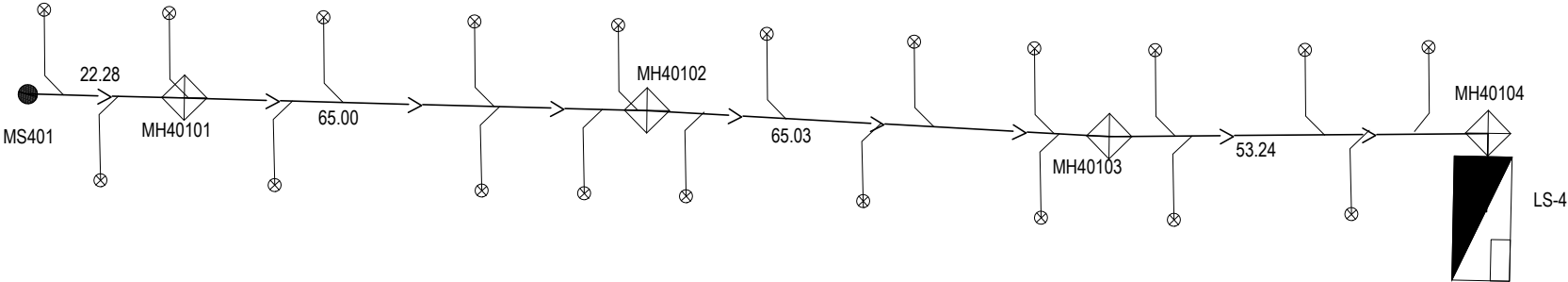


PROFILE-14

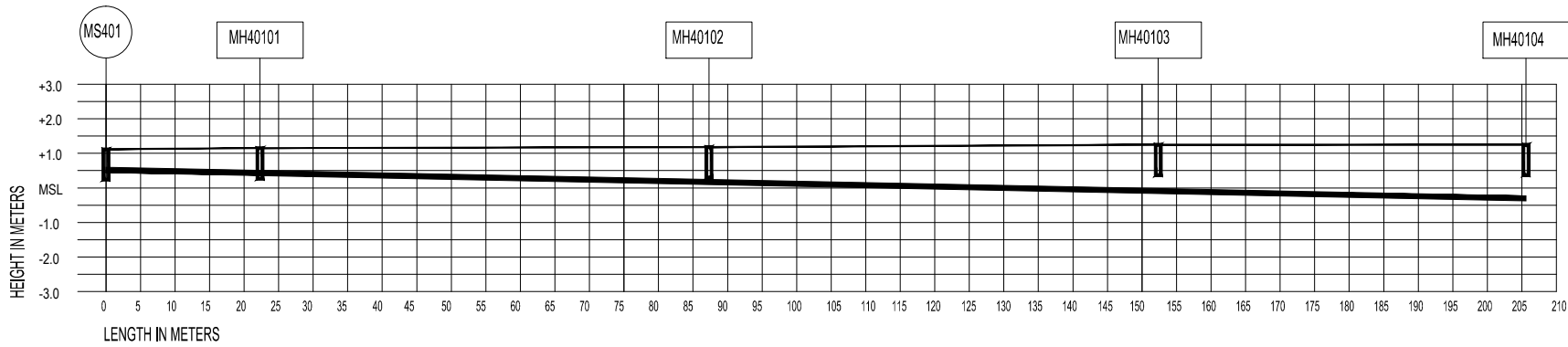


Manhole No	MS314	MH31401	MH31402	MH30401
Ground Level (from MSL)	1.20	1.20	1.18	1.20
Invert Level	0.60	0.53	0.32	0.05
Depth of Manhole	0.60	0.67	0.86	1.15
Distance between Manhole	0.00	18.41	50.55	68.96
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 03



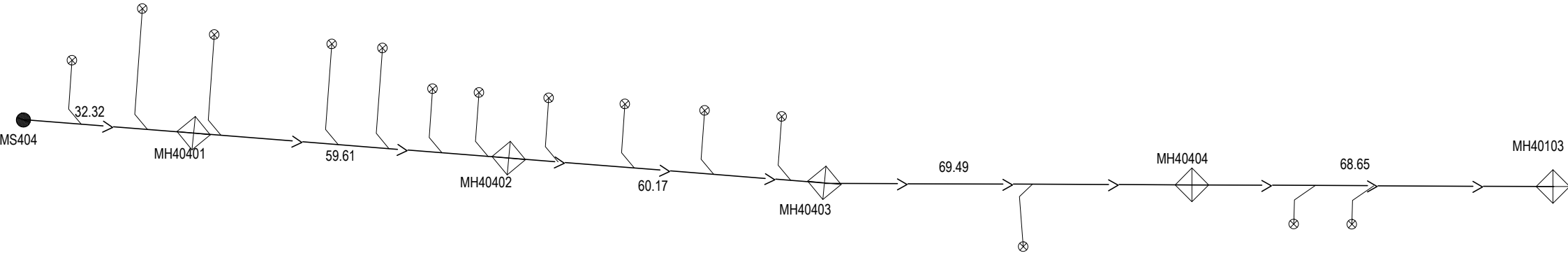
PROFILE-01



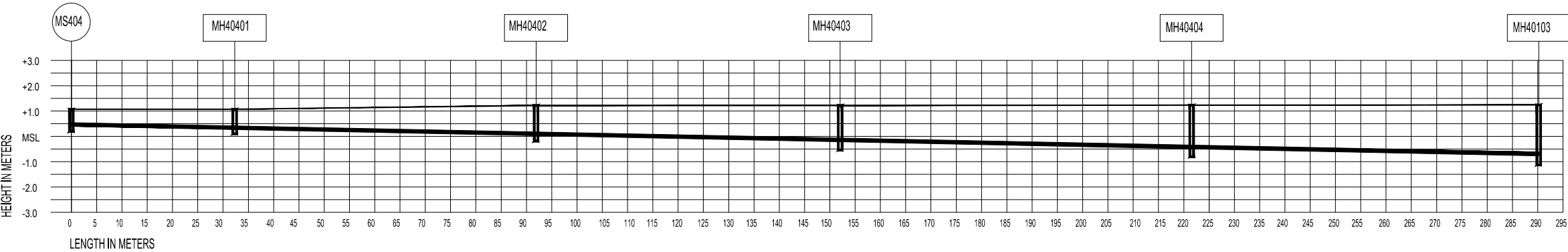
Manhole No	MS401	MH40101	MH40102	MH40103	MH40104
Ground Level (from MSL)	1.12	1.15	1.18	1.25	1.25
Invert Level	0.52	0.43	0.17	-0.09	-0.30
Depth of Manhole	0.60	0.72	1.01	1.34	1.55
Distance between Manhole	0.00	22.28	65.00	65.03	53.24
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 04

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.13 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	

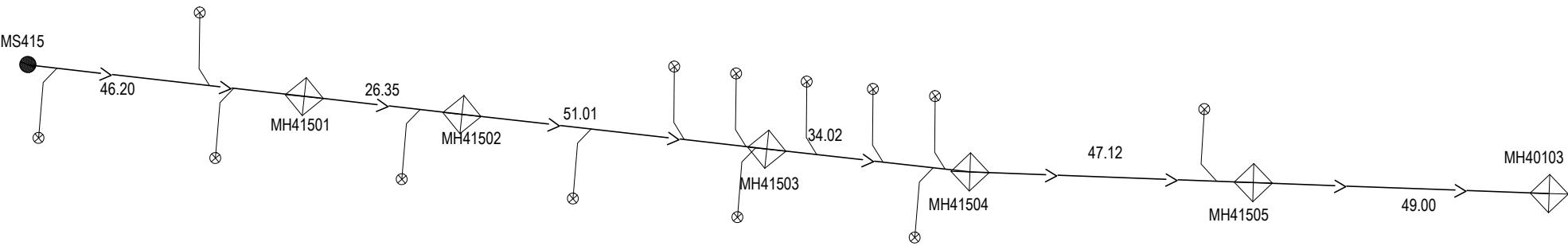


PROFILE-04

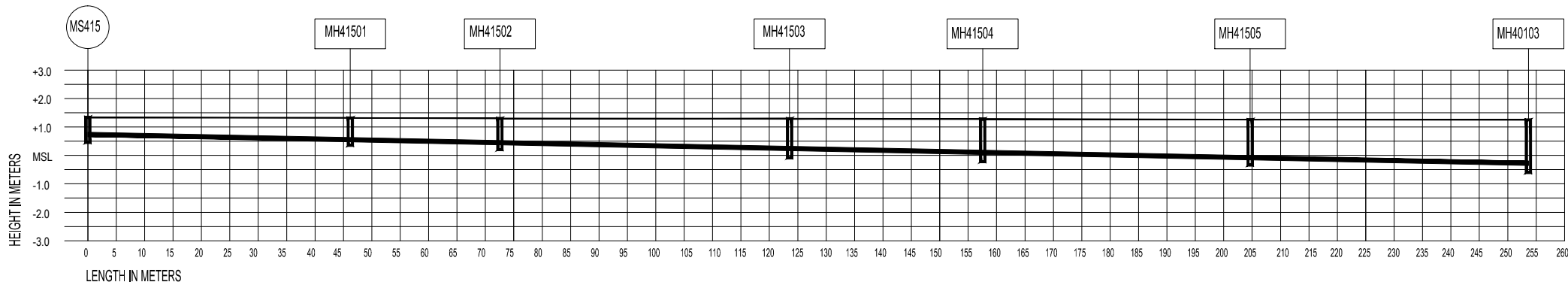


Manhole No	MS404	MH40401	MH40402	MH40403	MH40404	MH40103
Ground Level (from MSL)	1.07	1.07	1.22	1.22	1.23	1.24
Invert Level	0.47	0.34	0.10	-0.14	-0.42	-0.69
Depth of Manhole	0.60	0.73	1.12	1.36	1.65	1.93
Distance between Manhole	0.00	32.32	59.61	60.17	69.49	68.65
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 04

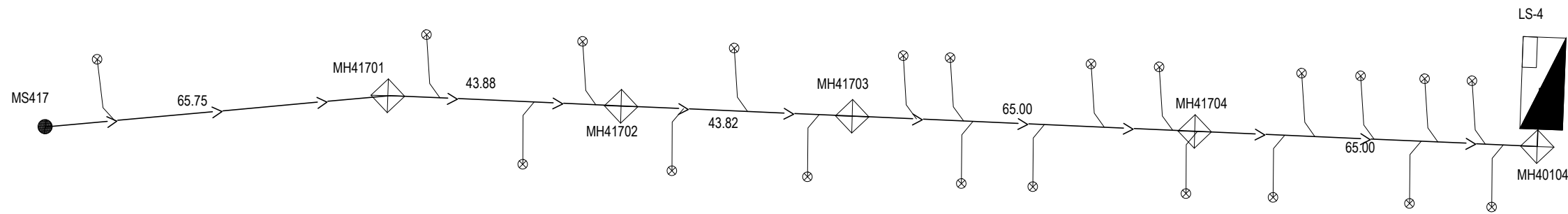


PROFILE-15

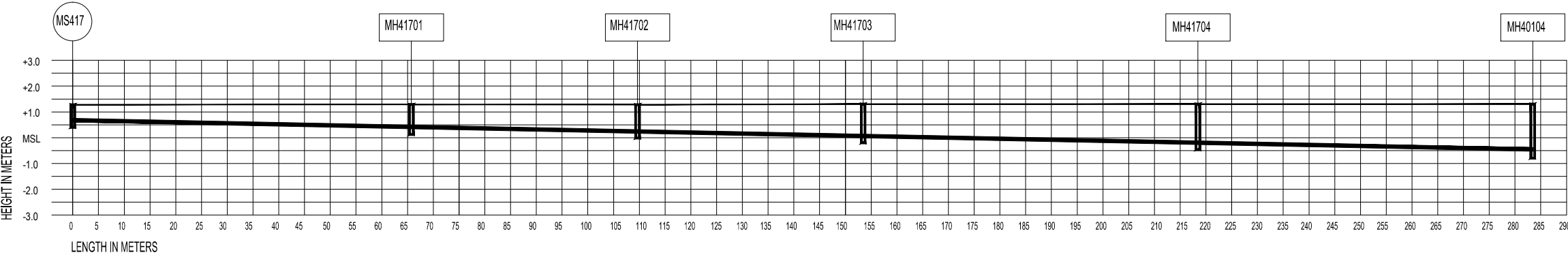


Manhole No	MS415	MH41501	MH41502	MH41503	MH41504	MH41505	MH40103
Ground Level (from MSL)	1.34	1.32	1.30	1.29	1.28	1.26	1.25
Invert Level	0.74	0.56	0.45	0.25	0.11	-0.08	-0.27
Depth of Manhole	0.60	0.76	0.85	1.04	1.17	1.34	1.52
Distance between Manhole	0.00	46.20	26.35	51.01	34.02	47.12	49.00
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 04



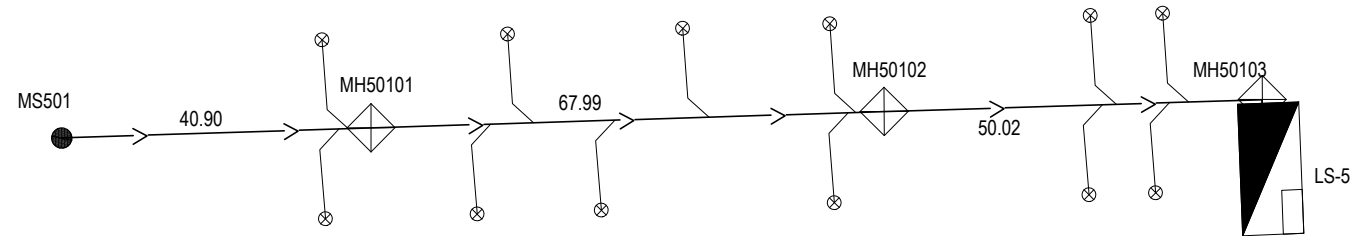
PROFILE-17



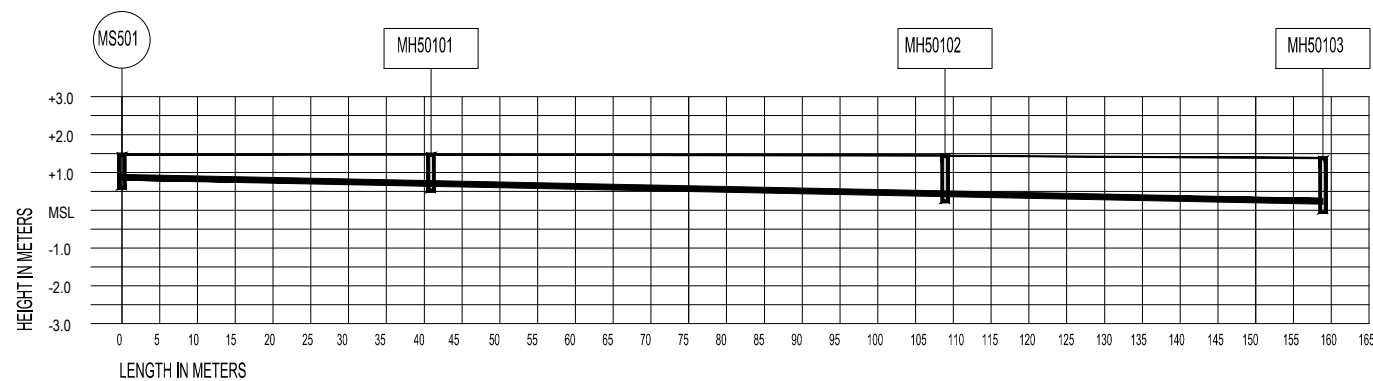
Manhole No	MS417	MH41701	MH41702	MH41703	MH41704	MH40104
Ground Level (from MSL)	1.28	1.29	1.28	1.30	1.30	1.30
Invert Level	0.68	0.42	0.24	0.07	-0.19	-0.45
Depth of Manhole	0.60	0.87	1.04	1.23	1.49	1.75
Distance between Manhole	0.00	65.75	43.88	43.82	65.00	65.00
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 04

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.16 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



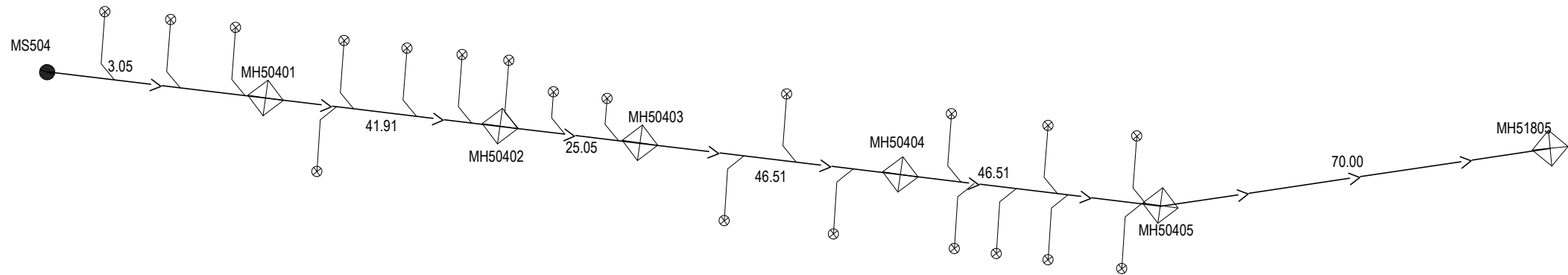
PROFILE-01



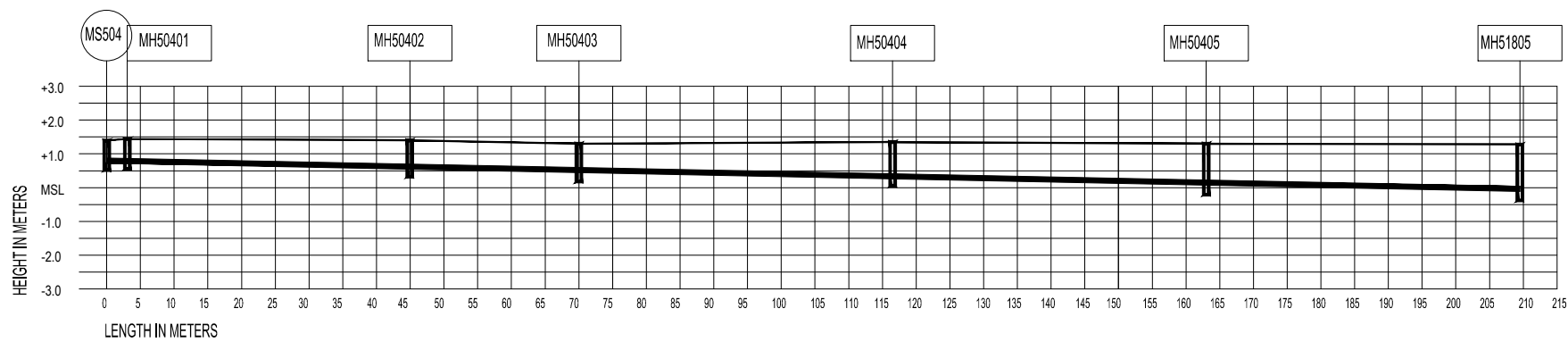
Manhole No	MS501	MH50101	MH50102	MH50103
Ground Level (from MSL)	1.47	1.47	1.44	1.38
Invert Level	0.87	0.71	0.43	0.23
Depth of Manhole	0.60	0.76	1.01	1.15
Distance between Manhole	0.00	40.90	67.99	50.02
Pipeslope		0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.17 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	

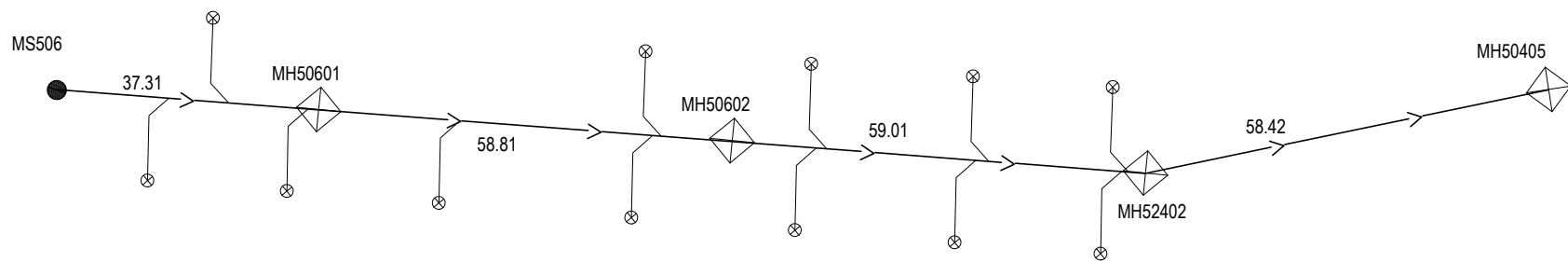


PROFILE-04

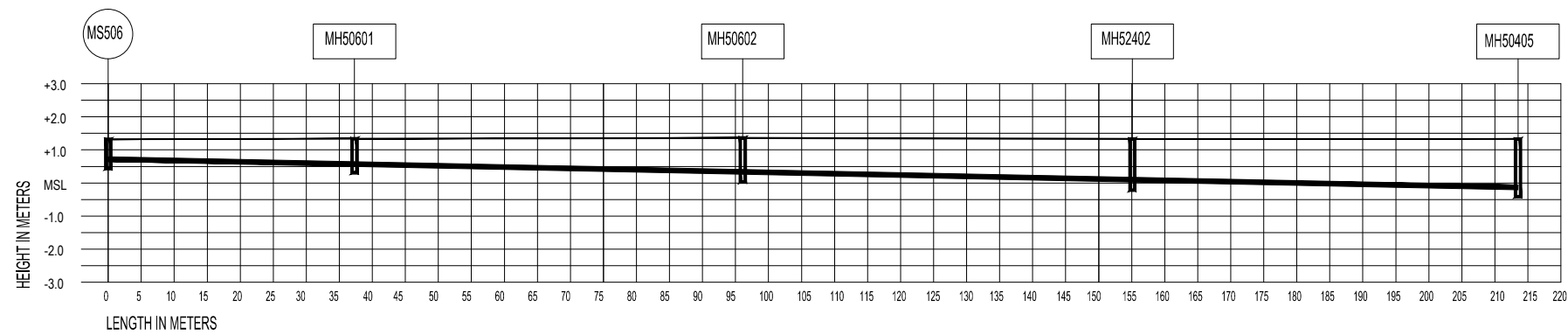


Manhole No	MS504	MH50401	MH50402	MH50403	MH50404	MH50405	MH51805
Ground Level (from MSL)	1.40	1.44	1.40	1.30	1.35	1.30	1.28
Invert Level	0.80	0.79	0.62	0.52	0.33	0.15	-0.13
Depth of Manhole	0.60	0.65	0.78	0.78	1.02	1.15	1.41
Distance between Manhole	0.00	3.05	41.91	25.05	46.51	46.51	70.00
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 05

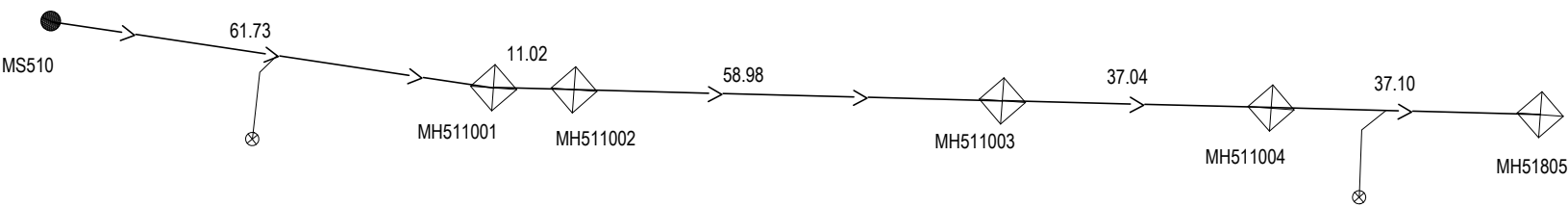


PROFILE-06

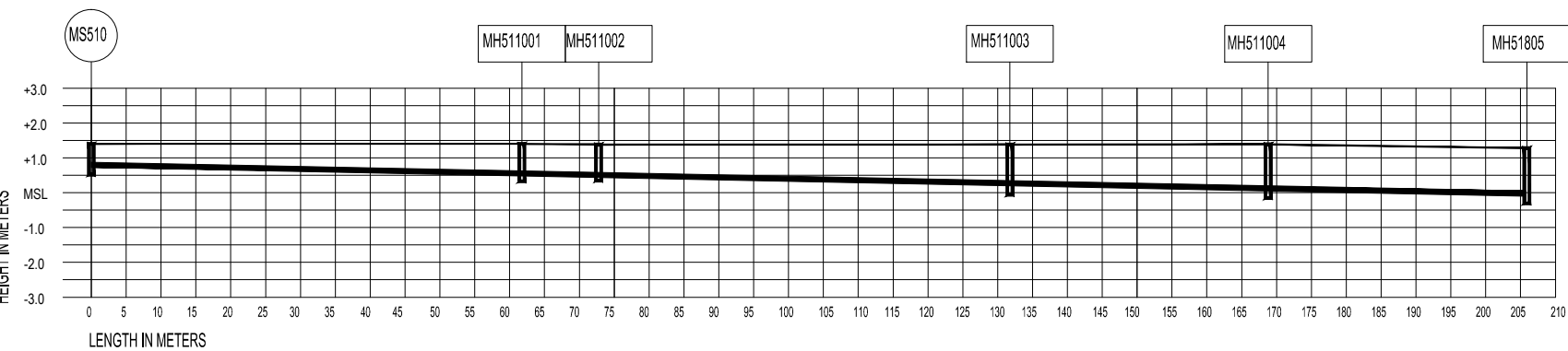


Manhole No	MS506	MH50601	MH50602	MH52402	MH50405
Ground Level (from MSL)	1.32	1.34	1.36	1.33	1.33
Invert Level	0.72	0.57	0.34	0.10	-0.13
Depth of Manhole	0.60	0.77	1.02	1.23	1.46
Distance between Manhole	0.00	37.31	58.81	59.01	58.42
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 05



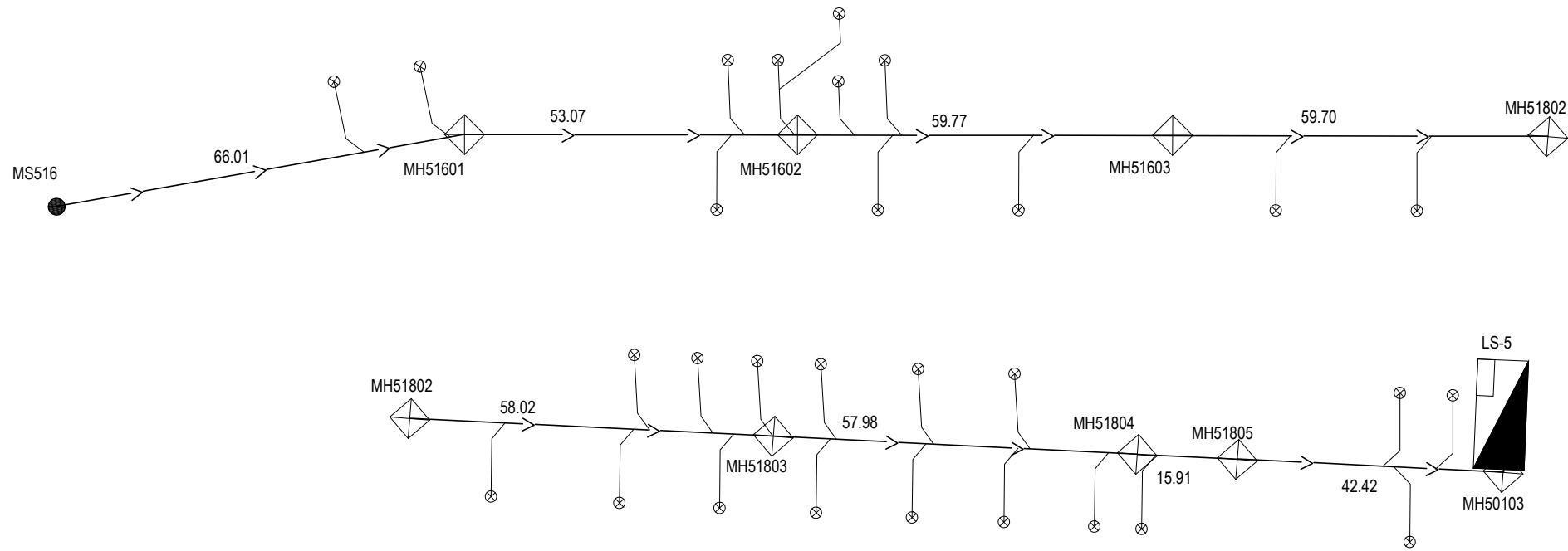
PROFILE-10



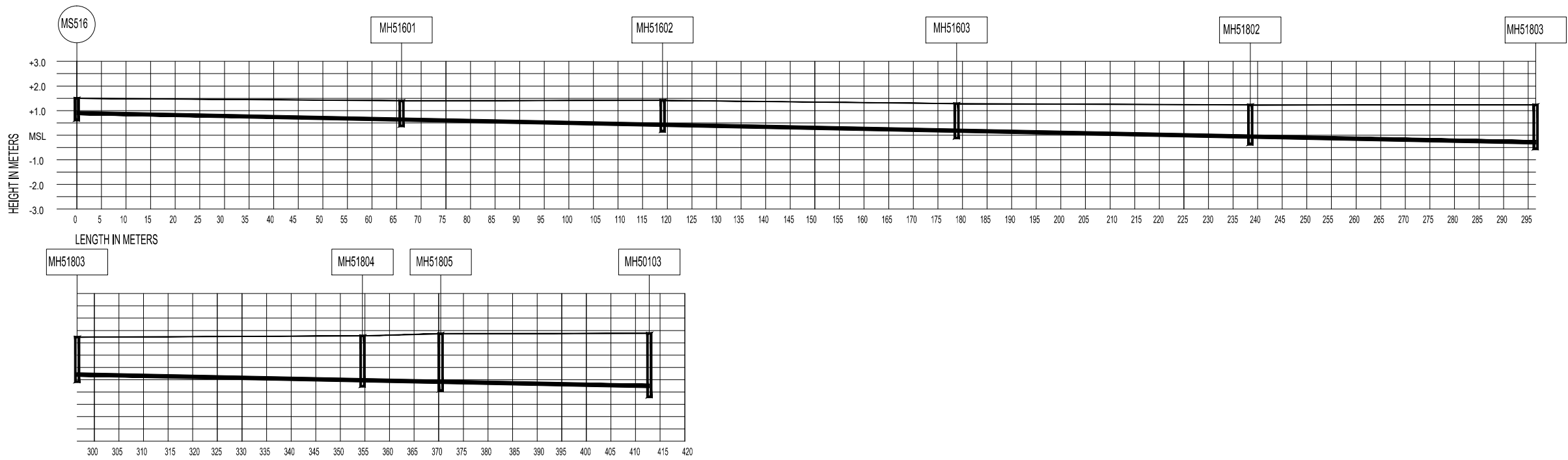
Manhole No	MS510	MH511001	MH511002	MH511003	MH511004	MH51805
Ground Level (from MSL)	1.40	1.50	1.50	1.38	1.39	1.28
Invert Level	0.80	0.55	0.51	0.27	0.12	-0.02
Depth of Manhole	0.60	0.95	0.99	1.11	1.27	1.30
Distance between Manhole	0.00	61.73	11.02	58.98	37.04	37.10
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.20 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	



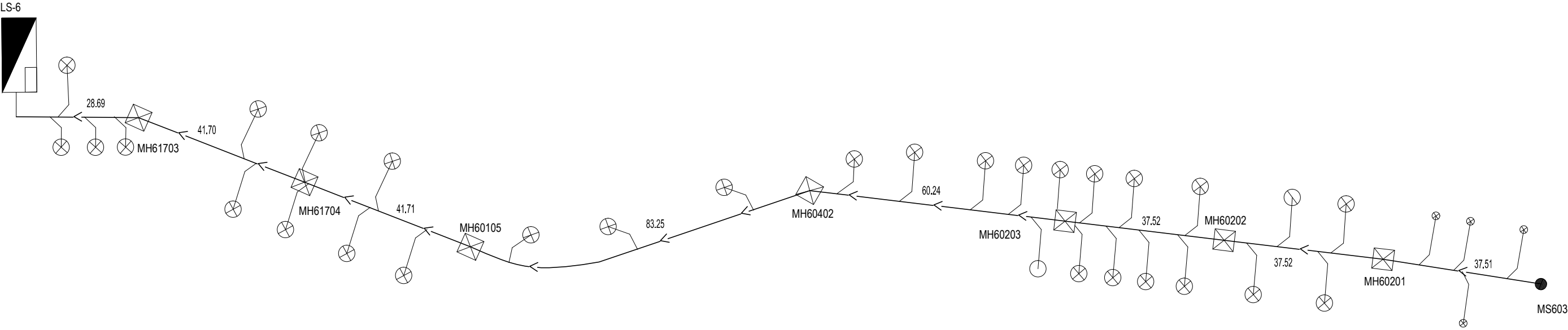
PROFILE-16



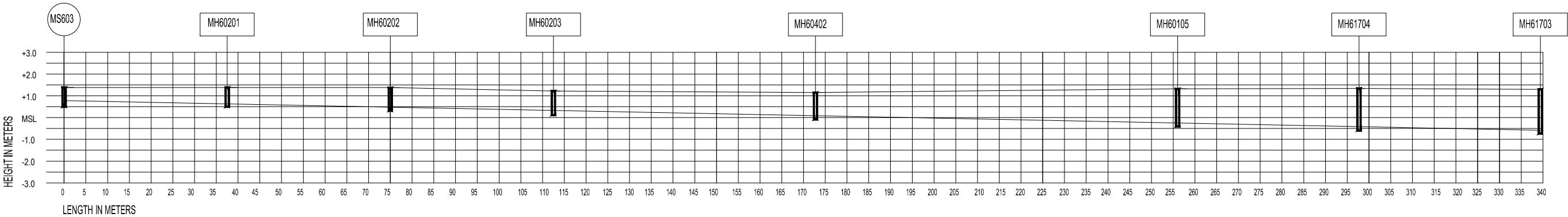
Manhole No	MS516	MH51601	MH51602	MH51603	MH51802	MH51803	MH51804	MH51805	MH50103
Ground Level (from MSL)	1.50	1.40	1.36	1.28	1.23	1.23	1.28	1.37	1.38
Invert Level	0.90	0.64	0.42	0.18	-0.05	-0.29	-0.52	-0.58	-0.75
Depth of Manhole	0.60	0.76	0.94	1.10	1.28	1.52	1.80	1.95	2.13
Distance between Manhole	0.00	66.01	53.07	59.77	59.70	58.02	57.98	15.91	42.42
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 05

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer MEECO 2nd Floor, Aakakaage-1, Galolhu, Alikilegaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.21
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	Sheet No.

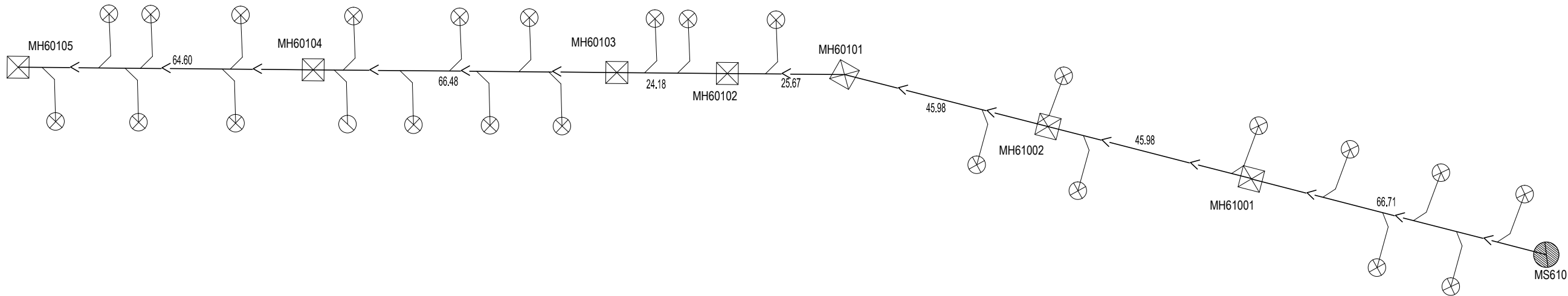


PROFILE-03

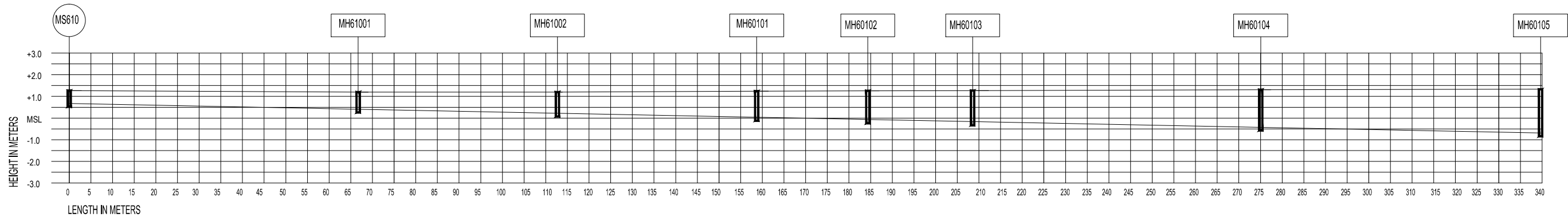


Manhole No	MS603	MH60201	MH60202	MH60203	MH60402	MH60105	MH61704	MH61703
Ground Level (from MSL)	1.38	1.38	1.37	1.22	1.15	1.32	1.34	1.30
Invert Level	0.78	0.63	0.48	0.33	0.09	-0.24	-0.41	-0.58
Depth of Manhole	0.60	0.75	0.89	0.89	1.06	1.56	1.75	1.88
Distance between Manhole	0.00	37.51	37.52	37.52	60.24	83.25	41.71	41.70
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 06



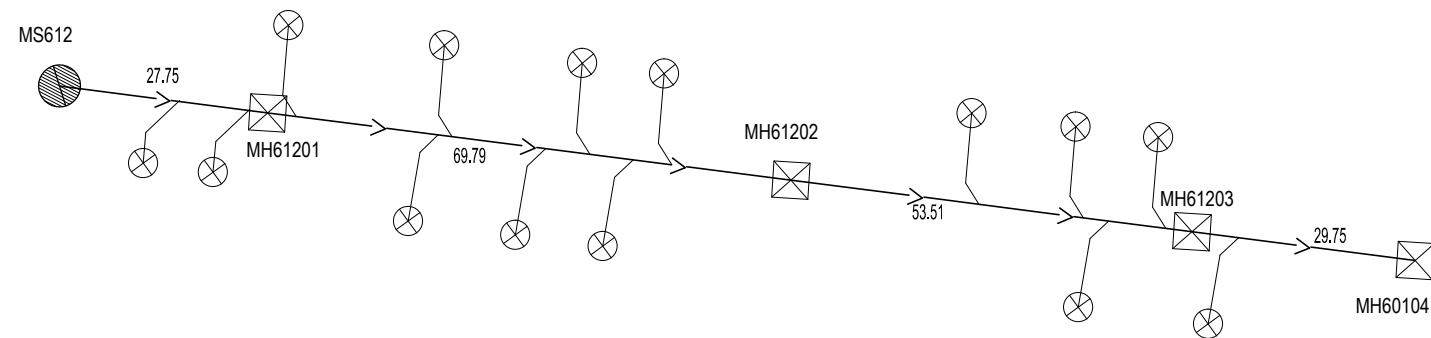
PROFILE-10



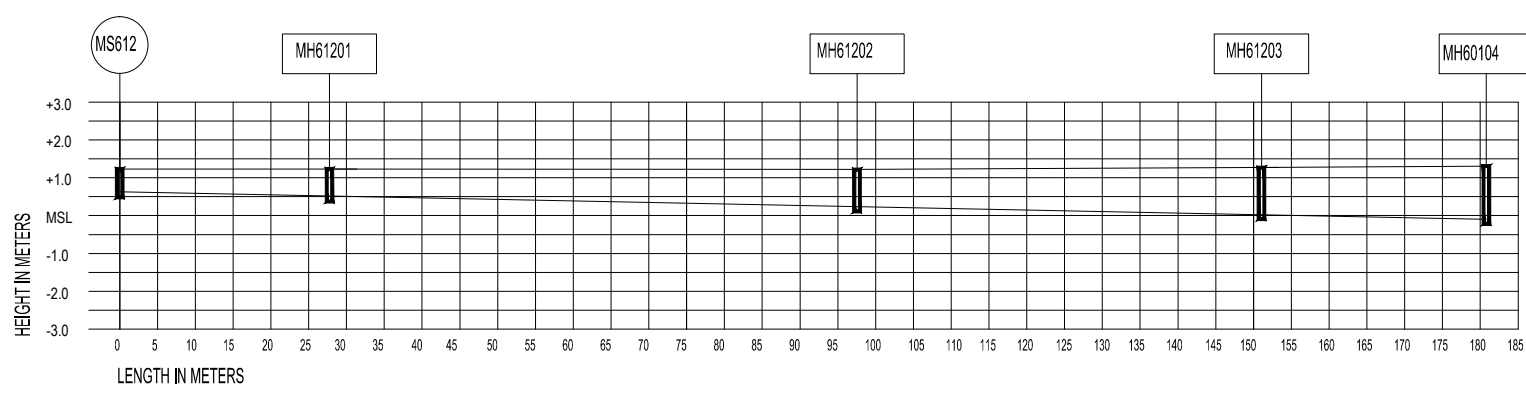
Manhole No	MS610	MH61001	MH61002	MH60101	MH60102	MH60103	MH60104	MH60105
Ground Level (from MSL)	1.27	1.20	1.20	1.24	1.26	1.27	1.31	1.33
Invert Level	0.67	0.40	0.22	0.04	-0.07	-0.16	-0.43	-0.69
Depth of Manhole	0.60	0.80	0.98	1.20	1.33	1.43	1.74	2.02
Distance between Manhole	0.00	66.71	45.98	45.98	25.67	24.18	66.48	64.60
Pipeslope		0.004	0.004	0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm	150mm	150mm

CATCHMENT 06

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer  2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaar	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	FE-SW-106.23
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	Sheet No.
								Date:	28.Mar.2016	
								Scale:	As given	

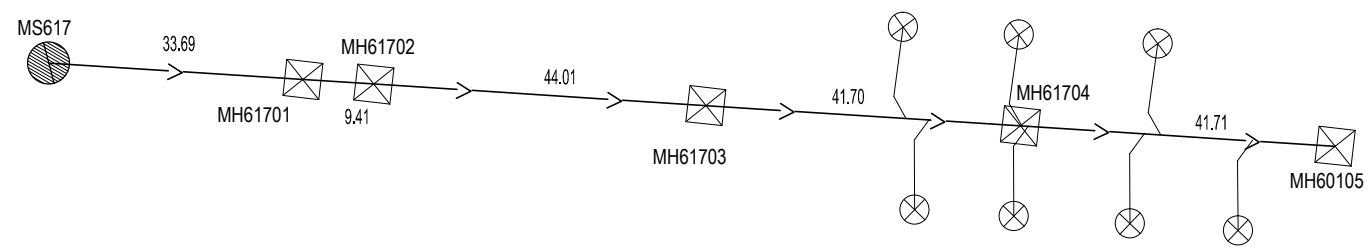


PROFILE-12

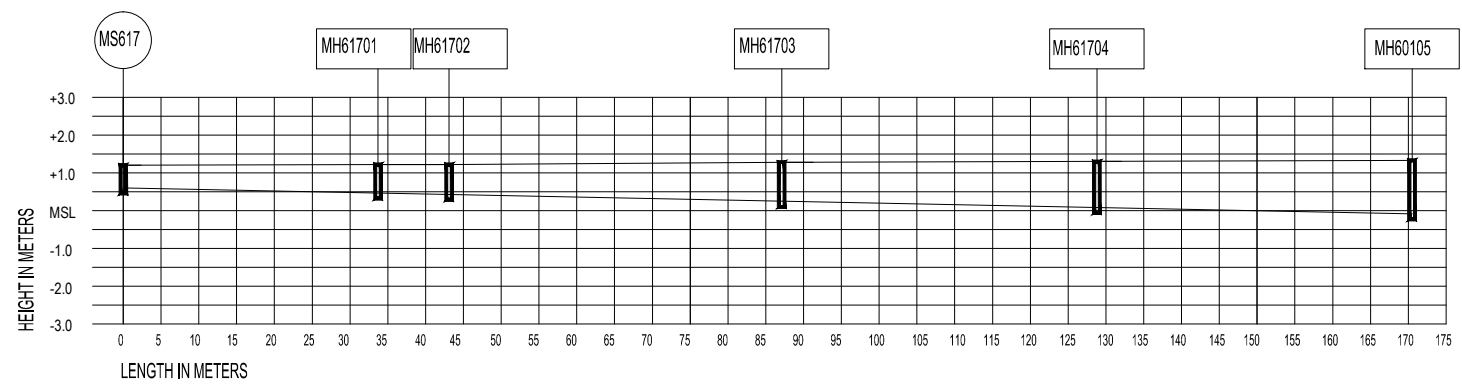


Manhole No	MS612	MH61201	MH61202	MH61203	MH60104
Ground Level (from MSL)	1.23	1.23	1.22	1.27	1.31
Invert Level	0.63	0.52	0.24	0.03	-0.09
Depth of Manhole	0.60	0.71	0.98	1.24	1.40
Distance between Manhole	0.00	27.75	69.79	53.51	29.75
Pipeslope		0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm

CATCHMENT 06

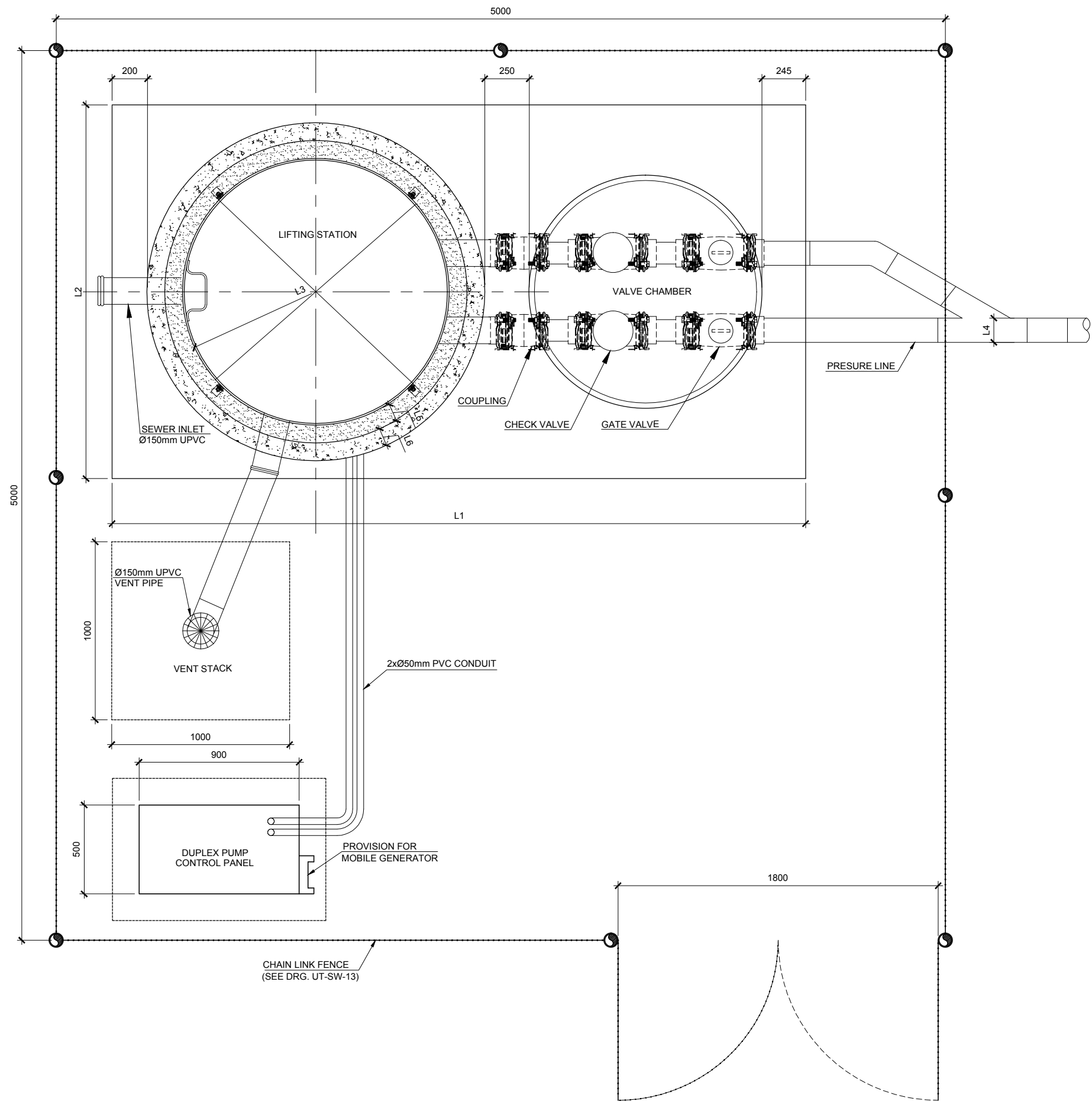


PROFILE-17



Manhole No	MS617	MH61701	MH61702	MH61703	MH61704	MH60105
Ground Level (from MSL)	1.20	1.22	1.22	1.28	1.30	1.33
Invert Level	0.60	0.47	0.43	0.25	0.08	-0.08
Depth of Manhole	0.60	0.75	0.79	1.03	1.22	1.41
Distance between Manhole	0.00	33.69	9.41	44.01	41.70	41.71
Pipeslope		0.004	0.004	0.004	0.004	0.004
Pipe diameter		150mm	150mm	150mm	150mm	150mm

CATCHMENT 06



TYPICAL LIFTING STATION LAYOUT

Employer: MINISTRY OF ENVIRONMENT AND ENERGY REPUBLIC OF MALDIVES	Engineer 2nd Floor, Aakakaage-1, Galolhu, Alikilegefaanu Magu Malé, 20129 Republic of Maldives (+960) 301-0855, (+960) 301-0844 info@meeco.com.mv	Project: DESIGN CONSULTANCY FOR ADDU ATOL 5 ISLANDS SEWERAGE WORKS 2015 ISLAND: MARADHOO, MARADHOO FEYDHOO & FEYDHOO	Drawing Title: AS GIVEN	Legends:	Rev	Date	Notes by Engineer:	Drawn by:	Ahmed A.Saththaru	Drawing No.
						-		Hydraulic Designed by:	Hussain Shaheed	MF-SW-107 Sheet No.
								Structural Design by:	Hassan Nihad	
								Checked by:	Hussain Shaheed	
								Date:	28.Mar.2016	
								Scale:	As given	