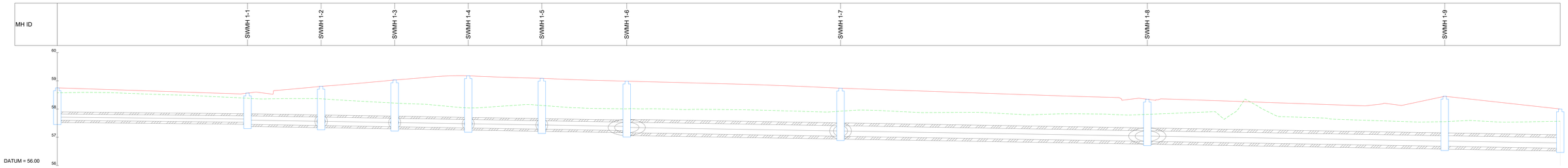
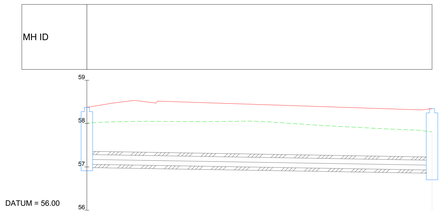


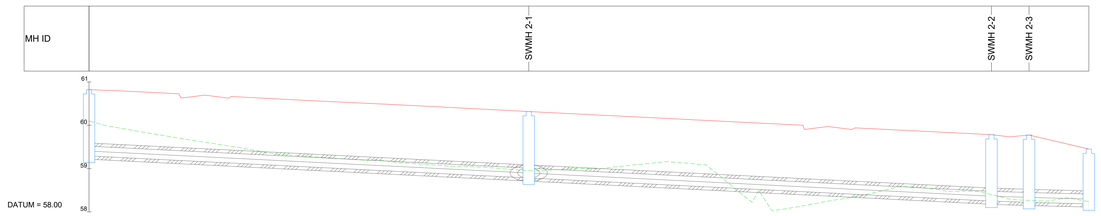
Cover Levels	58.795	58.566	58.863	59.030	59.177	59.098	58.687	58.796	58.545	58.650	58.000
Invert Levels	57.80 / 57.80	56.53 / 57.46	56.41 / 57.41	56.37 / 57.37	56.33 / 57.33	56.28 / 57.28	57.22 / 57.16	57.03 / 57.03	56.65 / 56.65	56.48 / 56.68	56.61
Manhole Depth	1.15	1.11	1.39	1.66	1.85	1.80	1.63	1.70	1.89	1.77	1.39
Pipe Length	33.6m	13.0m	13.0m	13.0m	13.0m	15.0m	37.8m	54.2m	52.5m	20.4m	
Pipe Dia.	∅225mm	∅300mm	∅300mm	∅300mm	∅300mm	∅300mm	∅375mm	∅375mm	∅375mm	∅375mm	
Slope	1:500	1:300	1:300	1:300	1:300	1:300	1:300	1:300	1:300	1:300	

SWMH 1-0 TO SWMH 1-10 - PROFILE
SCALE: H 1:250,V 1:50



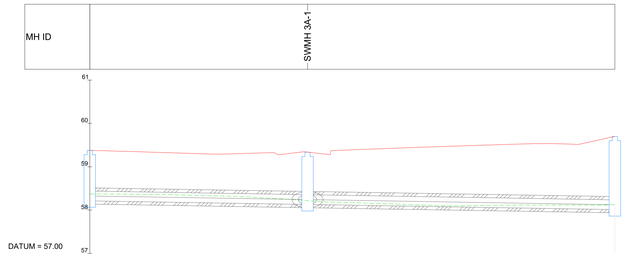
Cover Levels	58.375	58.343
Invert Levels	57.06	56.93
Manhole Depth	1.31	1.49
Pipe Length	39.8m	
Pipe Dia.	∅225mm	
Slope	1:300	

SWMH 1A-0 TO SWMH 1-8 - PROFILE
SCALE: H 1:250,V 1:50



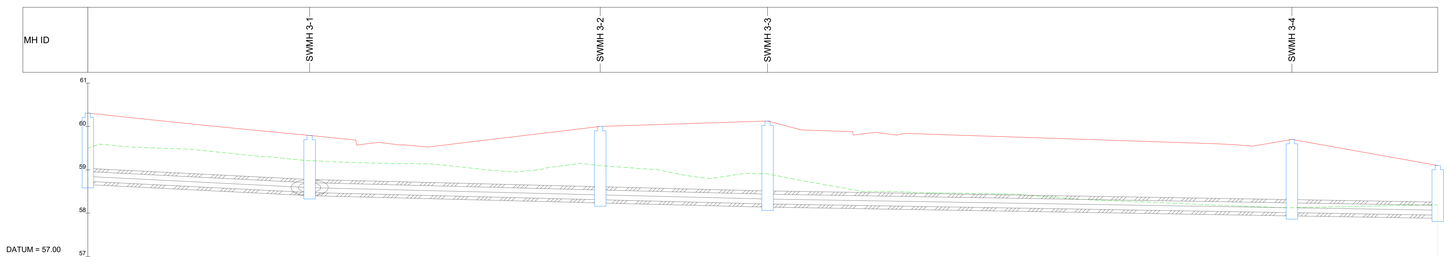
Cover Levels	60.822	60.316	59.782	59.775	59.650
Invert Levels	59.29	58.78 / 58.78	58.25 / 58.25	58.22 / 58.22	58.19
Manhole Depth	1.53	1.53	1.53	1.55	1.26
Pipe Length	50.7m	53.4m	4.3m	6.9m	
Pipe Dia.	∅225mm	∅225mm	∅225mm	∅225mm	
Slope	1:100	1:100	1:150	1:200	

SWMH 2-0 TO SWMH 2-4 - PROFILE
SCALE: H 1:250,V 1:50



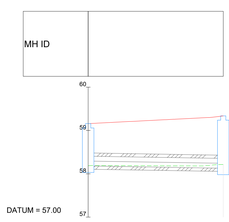
Cover Levels	59.379	59.338	59.150
Invert Levels	58.21	58.13 / 58.13	58.01
Manhole Depth	1.17	1.21	1.69
Pipe Length	25.1m	35.5m	
Pipe Dia.	∅225mm	∅225mm	
Slope	1:300	1:300	

SWMH 3A-0 TO SWMH 3-4 - PROFILE
SCALE: H 1:250,V 1:50



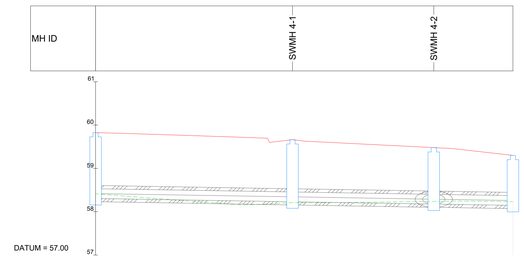
Cover Levels	60.369	59.763	60.000	60.125	59.150 / 59.100
Invert Levels	58.73	58.48 / 58.48	58.31 / 58.31	58.21 / 58.21	58.01 / 58.01 / 57.98
Manhole Depth	1.58	1.32	1.69	1.91	1.69 / 1.14
Pipe Length	25.6m	33.5m	19.3m	60.5m	16.8m
Pipe Dia.	∅225mm	∅225mm	∅225mm	∅225mm	∅225mm
Slope	1:100	1:200	1:200	1:300	1:300

SWMH 3-0 TO SWMH 3-5 - PROFILE
SCALE: H 1:250,V 1:50



Cover Levels	59.136	59.36
Invert Levels	58.18	58.13
Manhole Depth	0.98	1.21
Pipe Length	15.6m	
Pipe Dia.	∅225mm	
Slope	1:300	

SWMH 3B-0 TO SWMH 3A-1 - PROFILE
SCALE: H 1:250,V 1:50



Cover Levels	59.625	59.663	59.479	59.300
Invert Levels	58.31	58.23 / 58.23	58.18 / 58.18	58.15
Manhole Depth	1.52	1.43	1.30	1.15
Pipe Length	22.7m	16.3m	9.1m	
Pipe Dia.	∅225mm	∅225mm	∅225mm	
Slope	1:300	1:300	1:300	

SWMH 4-0 TO SWMH 4-3 - PROFILE
SCALE: H 1:250,V 1:50

Clifton Scannell Emerson Associates

LEGEND:
EXISTING GROUND PROFILE
PROPOSED GROUND PROFILE

DRAWING REFERENCES:
- REFER TO DRAWING 16_053_046 - PROPOSED SURFACE WATER NETWORK LAYOUT AND MAIN SUDS STORAGE SYSTEMS

16_053_048 - BARNHILL GARDEN VILLAGE SHD - PROPOSED SURFACE WATER NETWORK LONGSECTIONS - SHEET 1 OF 9
SCALE - AS INDICATED @ A0