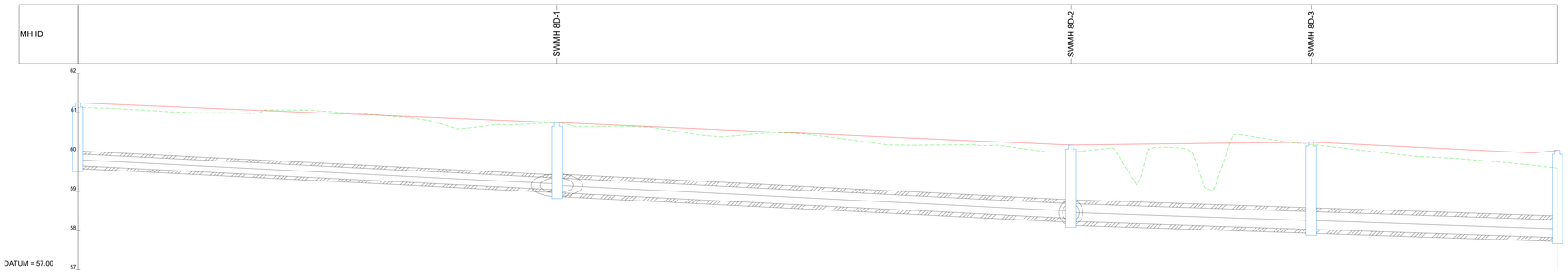
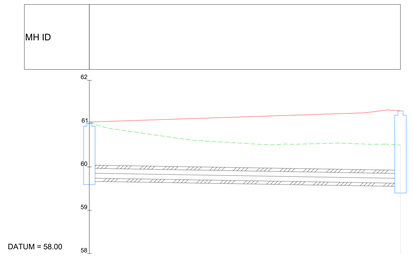


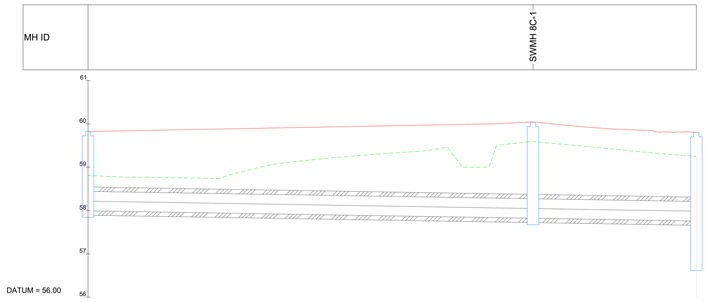
Cover Levels	61.250	60.760	60.175	60.250	60.041
Invert Levels	59.65	59.04 / 58.96	58.31 / 58.24	58.03 / 58.03	57.82
Manhole Depth	1.60	1.78	1.94	2.22	2.22
Pipe Length	61.0m	65.5m	30.6m	31.4m	
Pipe Dia.	∅300mm	∅375mm	∅450mm	∅450mm	
Slope	1:100	1:100	1:150	1:150	

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



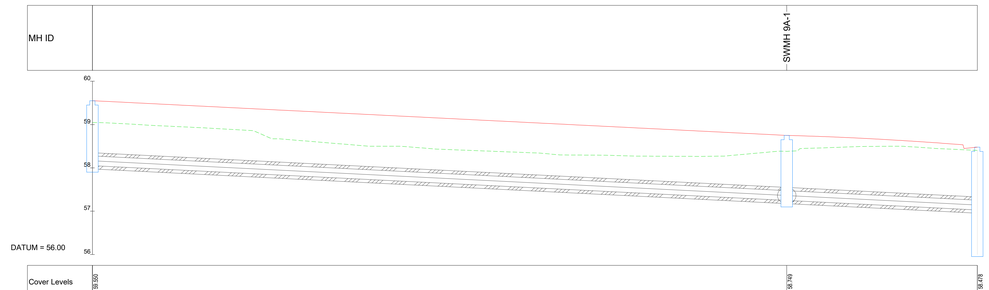
Cover Levels	61.038	61.295
Invert Levels	59.74	59.62
Manhole Depth	1.29	1.75
Pipe Length	35.9m	
Pipe Dia.	∅225mm	
Slope	1:300	

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



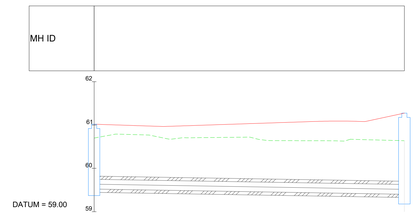
Cover Levels	59.905	60.041	59.937
Invert Levels	57.99	57.82 / 57.82	57.76
Manhole Depth	1.83	2.22	3.04
Pipe Length	51.3m	18.8m	
Pipe Dia.	∅450mm	∅450mm	
Slope	1:300	1:300	

SWMH 8C-0 TO SWMH 8-6 - PROFILE
SCALE: H 1:250,V 1:50



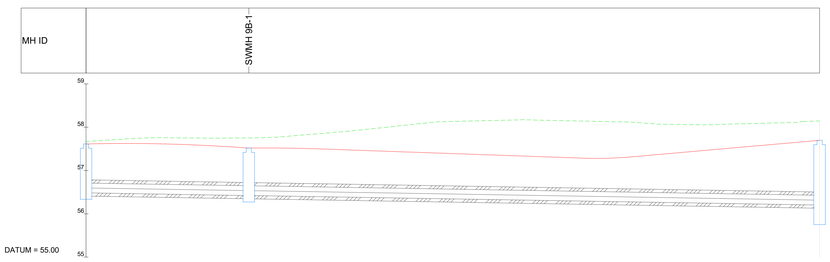
Cover Levels	59.500	59.740	59.476
Invert Levels	58.00	57.25 / 57.25	57.03
Manhole Depth	1.50	1.50	2.38
Pipe Length	80.1m	22.0m	
Pipe Dia.	∅225mm	∅225mm	
Slope	1:100	1:100	

SWMH 9A-0 TO SWMH 9-4 - PROFILE
SCALE: H 1:250,V 1:50



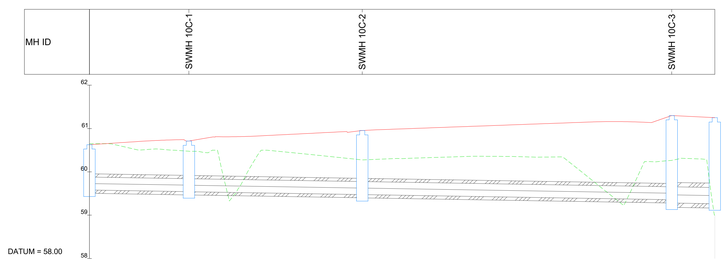
Cover Levels	61.619	61.275
Invert Levels	59.92	59.40
Manhole Depth	1.50	1.95
Pipe Length	35.8m	
Pipe Dia.	∅225mm	
Slope	1:300	

SWMH 10B-0 TO SWMH 10-2 - PROFILE
SCALE: H 1:250,V 1:50



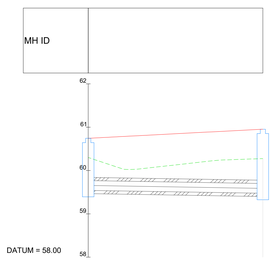
Cover Levels	57.612	57.918	57.697
Invert Levels	56.48	56.42 / 56.42	56.20
Manhole Depth	1.13	1.10	1.79
Pipe Length	18.8m	65.9m	
Pipe Dia.	∅225mm	∅225mm	
Slope	1:300	1:300	

SWMH 9B-0 TO SWMH 9-5 - PROFILE
SCALE: H 1:250,V 1:50



Cover Levels	60.007	60.712	60.904	61.300	61.250
Invert Levels	59.58	59.54 / 59.54	59.49 / 59.47	59.36 / 59.28	59.26
Manhole Depth	1.05	1.17	1.48	2.02	1.99
Pipe Length	11.5m	20.0m	35.7m	5.0m	
Pipe Dia.	∅300mm	∅300mm	∅300mm	∅375mm	
Slope	1:300	1:300	1:300	1:300	

SWMH 10C-0 TO SMH 10-3 - PROFILE
SCALE: H 1:250,V 1:50



Cover Levels	60.744	60.504
Invert Levels	59.54	59.48
Manhole Depth	1.20	1.43
Pipe Length	20.1m	
Pipe Dia.	∅225mm	
Slope	1:300	

SWMH 10D-0 TO SWMH 10C-2 - 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_055 - BARNHILL GARDEN VILLAGE SHD - PROPOSED SURFACE WATER NETWORK LONGSECTIONS - SHEET 8 OF 9
SCALE - AS INDICATED @ A0