Structure Table	
Structure Name	Structure Details
MH FW-EXIST	COVER LEVEL= 10.935 INVERT LEVEL = 9.203 DEPTH = 1.732
MH FW-EXIST-6307	COVER LEVEL= 19.075 INVERT LEVEL = 17.370 DEPTH = 1.705
MH FW101	COVER LEVEL= 11.729 INVERT LEVEL = 10.450 DEPTH = 1.279
MH FW102	COVER LEVEL= 12.518 INVERT LEVEL = 11.000 DEPTH = 1.518
MH FW103	COVER LEVEL= 13.055 INVERT LEVEL = 11.300 DEPTH = 1.755
MH FW104	COVER LEVEL= 14.083 INVERT LEVEL = 11.680 DEPTH = 2.403
MH FW104(A)	COVER LEVEL= 17.503 INVERT LEVEL = 14.600 DEPTH = 2.903
MH FW105	COVER LEVEL= 14.900 INVERT LEVEL = 12.100 DEPTH = 2.800
MH FW106	COVER LEVEL= 15.202 INVERT LEVEL = 12.330 DEPTH = 2.872
MH FW106(A)	COVER LEVEL= 17.409 INVERT LEVEL = 14.500 DEPTH = 2.909
MH FW106(B)	COVER LEVEL= 19.311 INVERT LEVEL = 16.500 DEPTH = 2.811
MH FW107	COVER LEVEL= 15.200 INVERT LEVEL = 12.600 DEPTH = 2.600
MH FW108	COVER LEVEL= 14.962 INVERT LEVEL = 12.980 DEPTH = 1.982

Structure Table	
Structure Name	Structure Details
MH FW108(A)	COVER LEVEL= 15.318 INVERT LEVEL = 13.900 DEPTH = 1.418
MH FW108(B)	COVER LEVEL= 17.605 INVERT LEVEL = 14.600 DEPTH = 3.005
MH FW108(C)	COVER LEVEL= 18.494 INVERT LEVEL = 17.400 DEPTH = 1.094
MH FW109	COVER LEVEL= 14.517 INVERT LEVEL = 13.350 DEPTH = 1.167
MH FW201	COVER LEVEL= 12.869 INVERT LEVEL = 11.500 DEPTH = 1.369
MH FW301	COVER LEVEL= 12.108 INVERT LEVEL = 10.500 DEPTH = 1.608
MH FW302	COVER LEVEL= 13.925 INVERT LEVEL = 12.425 DEPTH = 1.500
MH FW303	COVER LEVEL= 16.134 INVERT LEVEL = 14.575 DEPTH = 1.559
MH FW304	COVER LEVEL= 32.624 INVERT LEVEL = 30.950 DEPTH = 1.674
MH FW305	COVER LEVEL= 36.364 INVERT LEVEL = 34.800 DEPTH = 1.564
MH FW306	COVER LEVEL= 39.545 INVERT LEVEL = 38.050 DEPTH = 1.495
MH FW307	COVER LEVEL= 44.314 INVERT LEVEL = 42.750 DEPTH = 1.564
MH FW308	COVER LEVEL= 50.354 INVERT LEVEL = 48.800 DEPTH = 1.554

Structure Table	
Structure Name	Structure Details
MH FW308(A)	COVER LEVEL= 50.559 INVERT LEVEL = 49.100 DEPTH = 1.459
MH FW309	COVER LEVEL= 52.206 INVERT LEVEL = 50.800 DEPTH = 1.406
MH FW310	COVER LEVEL= 53.996 INVERT LEVEL = 52.600 DEPTH = 1.396
MH FW310(A)	COVER LEVEL= 55.082 INVERT LEVEL = 53.100 DEPTH = 1.982
MH FW311	COVER LEVEL= 55.942 INVERT LEVEL = 54.500 DEPTH = 1.442
MH FW312	COVER LEVEL= 57.677 INVERT LEVEL = 56.075 DEPTH = 1.602
MH FW312(A)	COVER LEVEL= 57.698 INVERT LEVEL = 56.175 DEPTH = 1.523
MH FW312(B)	COVER LEVEL= 57.682 INVERT LEVEL = 56.250 DEPTH = 1.432
MH FW313	COVER LEVEL= 58.974 INVERT LEVEL = 57.525 DEPTH = 1.449
MH FW313(A)	COVER LEVEL= 59.914 INVERT LEVEL = 58.150 DEPTH = 1.764
MH FW314	COVER LEVEL= 60.228 INVERT LEVEL = 58.750 DEPTH = 1.478
MH FW314 (A)	COVER LEVEL= 64.992 INVERT LEVEL = 63.500 DEPTH = 1.492
MH FW315	COVER LEVEL= 67.914 INVERT LEVEL = 66.400 DEPTH = 1.514

Structure Table	
Structure Name	Structure Details
MH FW315(A)	COVER LEVEL= 68.131 INVERT LEVEL = 66.600 DEPTH = 1.531
MH FW316	COVER LEVEL= 70.849 INVERT LEVEL = 69.400 DEPTH = 1.449
MH FW317	COVER LEVEL= 73.434 INVERT LEVEL = 71.800 DEPTH = 1.634
MH FW317(A)	COVER LEVEL= 73.425 INVERT LEVEL = 71.950 DEPTH = 1.475
MH FW318	COVER LEVEL= 75.987 INVERT LEVEL = 74.330 DEPTH = 1.657
MH FW318(A)	COVER LEVEL= 75.980 INVERT LEVEL = 74.500 DEPTH = 1.480
MH FW318(B)	COVER LEVEL= 76.109 INVERT LEVEL = 74.500 DEPTH = 1.609
MH FW319	COVER LEVEL= 79.142 INVERT LEVEL = 77.550 DEPTH = 1.592
MH FW319(A)	COVER LEVEL= 79.137 INVERT LEVEL = 77.700 DEPTH = 1.437
MH FW320	COVER LEVEL= 80.128 INVERT LEVEL = 78.630 DEPTH = 1.498
MH FW321	COVER LEVEL= 80.798 INVERT LEVEL = 79.150 DEPTH = 1.648
MH FW322	COVER LEVEL= 81.477 INVERT LEVEL = 79.975 DEPTH = 1.502
MH FW401	COVER LEVEL= 16.878 INVERT LEVEL = 15.350 DEPTH = 1.528

Structure Table	
Structure Name	Structure Details
MH FW501	COVER LEVEL= 30.626 INVERT LEVEL = 28.900 DEPTH = 1.726
MH FW502	COVER LEVEL= 28.753 INVERT LEVEL = 27.150 DEPTH = 1.603
MH FW503	COVER LEVEL= 25.524 INVERT LEVEL = 24.000 DEPTH = 1.524
MH FW504	COVER LEVEL= 24.453 INVERT LEVEL = 23.000 DEPTH = 1.453
MH FW505	COVER LEVEL= 24.596 INVERT LEVEL = 22.500 DEPTH = 2.096
MH FW506	COVER LEVEL= 23.101 INVERT LEVEL = 21.450 DEPTH = 1.651
MH FW601	COVER LEVEL= 32.028 INVERT LEVEL = 30.500 DEPTH = 1.528
MH FW601(A)	COVER LEVEL= 32.149 INVERT LEVEL = 30.650 DEPTH = 1.499
MH FW602	COVER LEVEL= 34.252 INVERT LEVEL = 32.750 DEPTH = 1.502
MH FW602(A)	COVER LEVEL= 34.435 INVERT LEVEL = 32.850 DEPTH = 1.585
MH FW603	COVER LEVEL= 36.267 INVERT LEVEL = 34.750 DEPTH = 1.517
MH FW604	COVER LEVEL= 39.165 INVERT LEVEL = 37.650 DEPTH = 1.515

FOUL SEWER MANHOLE SCHEDULE
SCALE 1:1

Structure Table	
Structure Name	Structure Details
MH SW101	COVER LEVEL= 10.946 INVERT LEVEL = 9.650 DEPTH = 1.296
MH SW102	COVER LEVEL= 12.502 INVERT LEVEL = 11.250 DEPTH = 1.252
MH SW103	COVER LEVEL= 13.098 INVERT LEVEL = 11.500 DEPTH = 1.598
MH SW104	COVER LEVEL= 14.102 INVERT LEVEL = 11.880 DEPTH = 2.222
MH SW104(A)	COVER LEVEL= 17.544 INVERT LEVEL = 14.800 DEPTH = 2.744
MH SW105	COVER LEVEL= 14.926 INVERT LEVEL = 12.300 DEPTH = 2.626
MH SW106	COVER LEVEL= 15.195 INVERT LEVEL = 12.530 DEPTH = 2.665
MH SW106(A)	COVER LEVEL= 17.564 INVERT LEVEL = 14.700 DEPTH = 2.864
MH SW106(B)	COVER LEVEL= 19.308 INVERT LEVEL = 16.700 DEPTH = 2.608
MH SW107	COVER LEVEL= 15.250 INVERT LEVEL = 12.800 DEPTH = 2.450
MH SW108	COVER LEVEL= 14.860 INVERT LEVEL = 13.180 DEPTH = 1.680
MH SW108(A)	COVER LEVEL= 14.851 INVERT LEVEL = 14.100 DEPTH = 0.751
MH SW108(B)	COVER LEVEL= 17.613 INVERT LEVEL = 14.800 DEPTH = 2.813
MH SW108(C)	COVER LEVEL= 18.488 INVERT LEVEL = 17.600 DEPTH = 0.888
MH SW109	COVER LEVEL= 14.264 INVERT LEVEL = 13.550 DEPTH = 0.714

Structure Table	
Structure Name	Structure Details
MH SW201	COVER LEVEL= 12.748 INVERT LEVEL = 11.750 DEPTH = 0.998
MH SW301	COVER LEVEL= 12.207 INVERT LEVEL = 9.400 DEPTH = 2.807
MH SW302	COVER LEVEL= 13.916 INVERT LEVEL = 12.675 DEPTH = 1.241
MH SW302(A)	COVER LEVEL= 14.986 INVERT LEVEL = 13.700 DEPTH = 1.286
MH SW303	COVER LEVEL= 16.161 INVERT LEVEL = 14.900 DEPTH = 1.261
MH SW303(A)	COVER LEVEL= 19.004 INVERT LEVEL = 17.600 DEPTH = 1.404
MH SW303(B)	COVER LEVEL= 23.962 INVERT LEVEL = 22.600 DEPTH = 1.362
MH SW303(C)	COVER LEVEL= 28.029 INVERT LEVEL = 26.750 DEPTH = 1.279
MH SW303(D)	COVER LEVEL= 31.322 INVERT LEVEL = 30.000 DEPTH = 1.322
MH SW304	COVER LEVEL= 32.538 INVERT LEVEL = 31.250 DEPTH = 1.288
MH SW305	COVER LEVEL= 37.075 INVERT LEVEL = 35.100 DEPTH = 1.975
MH SW306	COVER LEVEL= 39.511 INVERT LEVEL = 38.350 DEPTH = 1.161
MH SW307	COVER LEVEL= 44.278 INVERT LEVEL = 43.050 DEPTH = 1.228
MH SW308	COVER LEVEL= 50.433 INVERT LEVEL = 49.125 DEPTH = 1.308
MH SW308(A)	COVER LEVEL= 50.657 INVERT LEVEL = 49.325 DEPTH = 1.332

Structure Table	
Structure Name	Structure Details
MH SW309	COVER LEVEL= 52.281 INVERT LEVEL = 51.025 DEPTH = 1.256
MH SW310	COVER LEVEL= 54.054 INVERT LEVEL = 52.825 DEPTH = 1.229
MH SW310(A)	COVER LEVEL= 55.174 INVERT LEVEL = 53.325 DEPTH = 1.849
MH SW311	COVER LEVEL= 55.981 INVERT LEVEL = 54.725 DEPTH = 1.256
MH SW312	COVER LEVEL= 57.602 INVERT LEVEL = 56.300 DEPTH = 1.302
MH SW312(A)	COVER LEVEL= 57.657 INVERT LEVEL = 56.400 DEPTH = 1.257
MH SW312(B)	COVER LEVEL= 57.601 INVERT LEVEL = 56.450 DEPTH = 1.151
MH SW313	COVER LEVEL= 58.925 INVERT LEVEL = 57.750 DEPTH = 1.175
MH SW313(A)	COVER LEVEL= 59.871 INVERT LEVEL = 58.350 DEPTH = 1.521
MH SW314	COVER LEVEL= 60.215 INVERT LEVEL = 58.975 DEPTH = 1.240
MH SW314(A)	COVER LEVEL= 64.863 INVERT LEVEL = 63.750 DEPTH = 1.113
MH SW315	COVER LEVEL= 67.803 INVERT LEVEL = 66.625 DEPTH = 1.178
MH SW315(A)	COVER LEVEL= 68.069 INVERT LEVEL = 66.825 DEPTH = 1.244
MH SW316	COVER LEVEL= 70.735 INVERT LEVEL = 69.625 DEPTH = 1.110
MH SW317	COVER LEVEL= 73.345 INVERT LEVEL = 72.025 DEPTH = 1.320

Structure Table	
Structure Name	Structure Details
MH SW317(A)	COVER LEVEL= 73.377 INVERT LEVEL = 72.200 DEPTH = 1.177
MH SW318	COVER LEVEL= 75.889 INVERT LEVEL = 74.575 DEPTH = 1.314
MH SW318(A)	COVER LEVEL= 75.911 INVERT LEVEL = 74.725 DEPTH = 1.186
MH SW318(B)	COVER LEVEL= 76.097 INVERT LEVEL = 74.800 DEPTH = 1.297
MH SW319	COVER LEVEL= 79.070 INVERT LEVEL = 77.775 DEPTH = 1.295
MH SW319(A)	COVER LEVEL= 79.058 INVERT LEVEL = 77.925 DEPTH = 1.133
MH SW320	COVER LEVEL= 80.141 INVERT LEVEL = 78.850 DEPTH = 1.291
MH SW321	COVER LEVEL= 80.830 INVERT LEVEL = 79.375 DEPTH = 1.455
MH SW321(A)	COVER LEVEL= 81.506 INVERT LEVEL = 80.100 DEPTH = 1.406
MH SW322	COVER LEVEL= 81.286 INVERT LEVEL = 79.886 DEPTH = 1.400
MH SW401	COVER LEVEL= 16.649 INVERT LEVEL = 15.650 DEPTH = 0.999
MH SW501	COVER LEVEL= 30.716 INVERT LEVEL = 29.225 DEPTH = 1.491
MH SW502	COVER LEVEL= 28.694 INVERT LEVEL = 27.375 DEPTH = 1.319
MH SW503	COVER LEVEL= 25.607 INVERT LEVEL = 24.225 DEPTH = 1.382
MH SW504	COVER LEVEL= 24.460 INVERT LEVEL = 23.300 DEPTH = 1.160

Structure Table	
Structure Name	Structure Details
MH SW504(A)	COVER LEVEL= 24.230 INVERT LEVEL = 22.700 DEPTH = 1.530
MH SW505	COVER LEVEL= 24.657 INVERT LEVEL = 23.225 DEPTH = 1.432
MH SW601	COVER LEVEL= 31.979 INVERT LEVEL = 30.725 DEPTH = 1.254
MH SW601(A)	COVER LEVEL= 32.207 INVERT LEVEL = 30.850 DEPTH = 1.357
MH SW602	COVER LEVEL= 34.222 INVERT LEVEL = 32.975 DEPTH = 1.247
MH SW602(A)	COVER LEVEL= 34.451 INVERT LEVEL = 33.100 DEPTH = 1.351
MH SW603	COVER LEVEL= 36.218 INVERT LEVEL = 34.975 DEPTH = 1.243
MH SW604	COVER LEVEL= 39.281 INVERT LEVEL = 37.875 DEPTH = 1.406
MH SW701	COVER LEVEL= 30.384 INVERT LEVEL = 28.800 DEPTH = 1.584
MH SW702	COVER LEVEL= 28.509 INVERT LEVEL = 27.200 DEPTH = 1.309
MH SW703	COVER LEVEL= 27.114 INVERT LEVEL = 25.400 DEPTH = 1.714
MH SW704	COVER LEVEL= 26.300 INVERT LEVEL = 24.150 DEPTH = 2.150
MH SW801	COVER LEVEL= 8.063 INVERT LEVEL = 6.650 DEPTH = 1.413
MH SW802	COVER LEVEL= 9.570 INVERT LEVEL = 7.100 DEPTH = 2.470
MH SW803	COVER LEVEL= 10.325 INVERT LEVEL = 9.250 DEPTH = 1.075

SURFACE WATER DRAINAGE MANHOLE SCHEDULE
SCALE 1:1

1:1 0 50mm 100mm

Notes

1. All dimensions are in metres unless noted otherwise.
2. All levels are in metres unless noted otherwise.

Key to symbols

Reference drawings

MMD-409577-C-DR-00-XX-1124 - Proposed Foul and Surface Water Drainage - Overall Layout
MMD-409577-C-DR-00-XX-1125 - Proposed Foul and Surface Water Drainage (Sheet 1 of 5)
MMD-409577-C-DR-00-XX-1126 - Proposed Foul and Surface Water Drainage (Sheet 2 of 5)
MMD-409577-C-DR-00-XX-1127 - Proposed Foul and Surface Water Drainage (Sheet 3 of 5)
MMD-409577-C-DR-00-XX-1128 - Proposed Foul and Surface Water Drainage (Sheet 4 of 5)
MMD-409577-C-DR-00-XX-1129 - Proposed Foul and Surface Water Drainage (Sheet 5 of 5)
MMD-409577-C-DR-00-XX-1210 - Surface Water Long Sections - North Loch Drive
MMD-409577-C-DR-00-XX-1211-1213 - Surface Water Long Sections - Spine Road
MMD-409577-C-DR-00-XX-1214 - Surface Water Long Sections - Escarpment Roads
MMD-409577-C-DR-00-XX-1215 - Surface Water Long Sections - SUDS Areas
MMD-409577-C-DR-00-XX-1216 - Foul Sewer Long Sections - North Loch Drive
MMD-409577-C-DR-00-XX-1217-1218 - Foul Sewer Long Sections - Spine Road
MMD-409577-C-DR-00-XX-1219 - Foul Sewer Long Sections - Escarpment Roads
MMD-409577-C-DR-00-XX-1304 - Roads and Services Construction Details (Sheet 3 of 3)

Rev	Date	Drawn	Description	Ch'k'd	App'd
P1	02:21	EJW	Preliminary Issue	JM	KB

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Title
Proposed Housing at Staneyhill, Lerwick
Work Stream 1 - Civils Infrastructure

Foul Sewer and Surface Water Drainage Manhole Schedules

Designed	A Stout	AS	Eng check	J Moncrieff	JM
Drawn	E Wishart	EJW	Coordination	J Moncrieff	JM
Dwg check	A Stout	AS	Approved	K Burnett	KB

Scale at A1	Status	Rev	Security
1:1	PRE	P1	STD

Drawing Number
MMD-409577-C-DR-00-XX-1130

P:\Lerwick\PROJECTS\409577 Staneyhill\MM Drawings\PRELIMINARY DRAWINGS\Roads Construction Consent\Spine Road and Escarpment Roads\MMD-409577-C-DR-00-XX-1130 P1.dwg Jun 08, 2020 - 08:30AM Autodesk