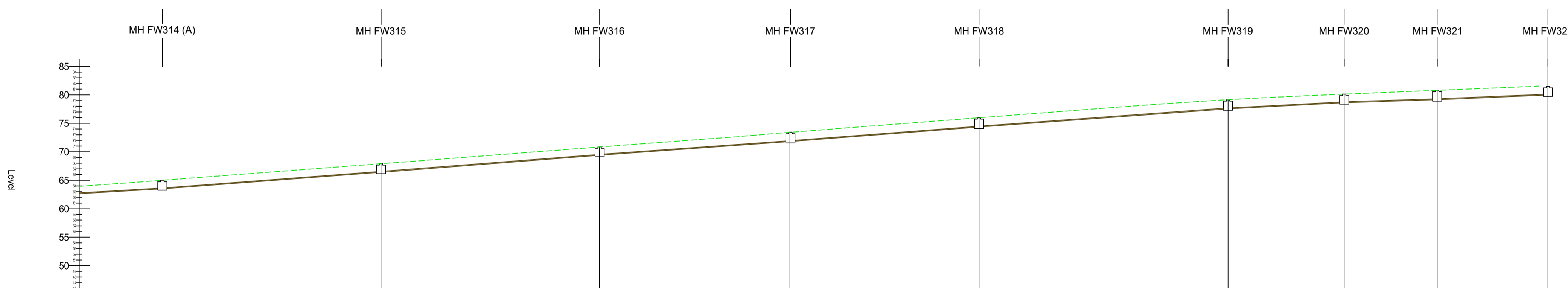


Chainage	250.000	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	440.000	450.000	460.000	470.000	480.000	490.000	500.000
Existing Ground Levels	48.796	49.525	50.211	50.917	51.649	52.297	53.026	53.751	54.421	55.086	55.739	56.342	56.923	57.484	57.989	58.517	59.013	59.481	60.064	60.554	61.072	61.589	62.112	62.677	63.291	63.951
Cover Level			50.354			52.206			53.996			55.942			57.677		58.974			60.228						
Invert Level			48.800			50.800			52.600			54.500			56.075		57.525			58.750						
Pipe Dia.		225mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm			150mm							
Pipe Gradient		Slope 1:14 Length 83.50		Slope 1:13 Length 26.44		Slope 1:14 Length 24.83		Slope 1:16 Length 29.57		Slope 1:20 Length 30.96		Slope 1:17 Length 25.32		Slope 1:20 Length 24.21		Slope 1:17 Length 81.22										

LONG SECTION THROUGH SPINE ROAD
FOUL SEWER DRAINAGE MANHOLES FW308 to FW314
HORZ SCALE 1:500; VERT SCALE 1:500



Chainage	500.000	510.000	520.000	530.000	540.000	550.000	560.000	570.000	580.000	590.000	600.000	610.000	620.000	630.000	640.000	650.000	660.000	670.000	680.000	690.000	700.000	710.000	720.000	730.000	740.000	750.000	758.054
Existing Ground Levels	63.951	64.656	65.406	66.167	66.924	67.682	68.429	69.209	69.975	70.741	71.483	72.227	73.020	73.816	74.588	75.365	76.121	76.891	77.651	78.394	79.033	79.588	80.021	80.445	80.855	81.261	
Cover Level			64.992			67.914			70.849			73.434			75.987			79.142			80.128			80.798			
Invert Level			63.500			66.400			69.400			71.800			74.330			77.550			78.630			79.150			
Pipe Dia.		150mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm		150mm	
Pipe Gradient		Slope 1:17 Length 81.22		Slope 1:13 Length 38.56		Slope 1:13 Length 38.53		Slope 1:14 Length 33.69		Slope 1:13 Length 33.25		Slope 1:14 Length 43.86		Slope 1:19 Length 20.44		Slope 1:31 Length 16.34		Slope 1:24 Length 19.48									

LONG SECTION THROUGH SPINE ROAD
FOUL SEWER DRAINAGE MANHOLES FW315 to FW322
HORZ SCALE 1:500; VERT SCALE 1:500

Notes

- All dimensions are in metres unless noted otherwise.
- All levels are in metres unless noted otherwise.

Key to symbols

--- Proposed Ground Level

— Proposed Foul Sewer Drainage

Reference drawings

MMD-409577-C-DR-00-XX-1124 - Foul and Surface Water Drainage Layout - Overall
MMD-409577-C-DR-00-XX-1125-1129 - Foul and Surface Water Drainage Layouts
MMD-409577-C-DR-00-XX-1130 - Foul and Surface Water Drainage Manhole Schedules
MMD-409577-C-DR-00-XX-1217 - Spine Road Foul Drainage Sections (Sheet 1 of 2)
MMD-409577-C-DR-00-XX-1218 - Spine Road Foul Drainage Sections (Sheet 2 of 2)

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

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Title

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

Long Sections Through Spine Road
Foul Sewer Drainage (Sheet 2 of 2)

Designed	P Richardson	PR	Eng check	J Moncrieff	JM
Drawn	E Wishart	EW	Coordination	J Moncrieff	JM
Dwg check	J Moncrieff	JM	Approved	K Burnett	KB
Scale at A1	Status	Rev	Security		
1:500	PRE	P1	STD		
Drawing Number	MMD-409577-C-DR-00-XX-1218				

