

**Notes**

**Foul Drainage**

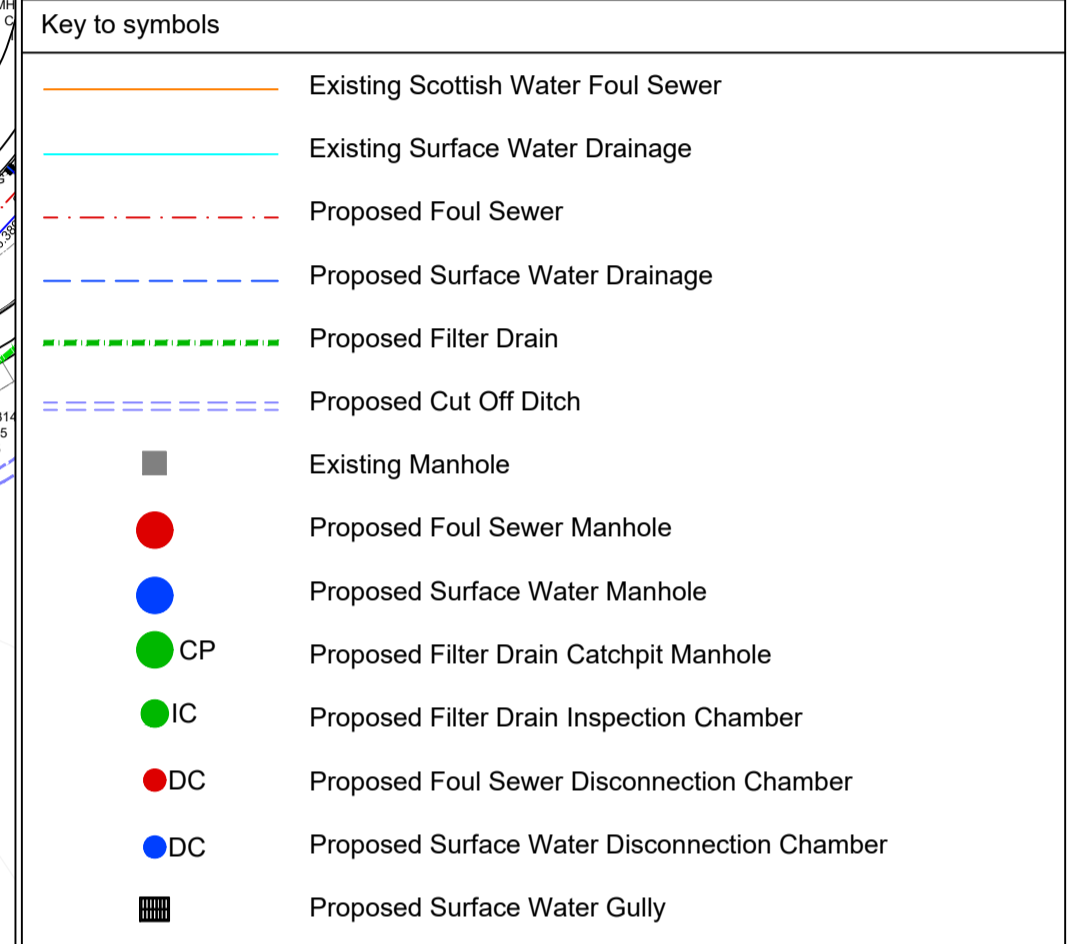
- All dimensions are in metres unless noted otherwise
- All levels are in metres above Ordnance Datum
- The design and construction of the foul sewer infrastructure shall be carried out in accordance with Scottish Water's Sewers for Scotland 4th Edition (SF54)
- Manhole covers to be Class D400 cast iron to BS EN 124 and BS 7903 unless noted otherwise
- Minimum pipe diameter = 150mm I.D

**Surface Water Drainage**

- All dimensions are in metres unless noted otherwise
- All levels are in metres above Ordnance Datum
- Proposed SUDS will be used to convey, store and treat run-off from the developed site
- In accordance with Scottish Water's Sewers for Scotland 4th edition (SF54), run off from a 1 in 30yr rainfall event will be attenuated to the pre development rate (1 in 30yr) and the associated storage volume will be provided within SUDS devices.
- Proposed SUDS will be designed and constructed in accordance with SF54 and the CIRIA SUDS Manual (CIRIA C753)
- Emergency overflow from SUDS Ponds and Detention Basins will be accommodated within the outlet structures as an overspill set at a level just above the 1 in 30 yr attenuation storage level
- Manhole covers to be Class D400 cast iron to BS EN 124 and BS 7903 unless noted otherwise
- Minimum pipe diameter = 150mm I.D

Flats and houses within The Terrace housing development to be connected to the main Scottish Water foul and surface water sewers via 150mm dia. connection pipes and standard 450mm diameter disconnection chambers

All road drainage to be collected in standard road gully pots which will be connected to the main Scottish Water surface water sewer with 150mm connection pipes



**Reference drawings**

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-1130 - Proposed Foul and Surface Water Drainage Manhole Schedule  
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)

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

Proposed Foul and Surface Water  
Drainage Layout (Sheet 5 of 5)

Designed	A Stout	AS	Eng check	J Moncrieff	JM
Drawn	E Wishart	EW	Coordination	J Moncrieff	JM
Dwg check	A Stout	AS	Approved	K Burnett	KB
Scale at A1	Status	Rev	Security		

Scale at A1: 1:500  
Status: PRE  
Rev: P1  
Security: STD

Drawing Number: MMD-409577-C-DR-00-XX-1129

