Retaining Wall Type D
See dwg MMD-409577-C-
DR-00-XX-1352 for details

Retaining Wall Type C
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type A
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type C
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type D
See dwg MMD-409577-C-
DR-00-XX-1352 for details

FINAL TERRACE BUILDING PLATFORM
WITH RETAINING WALLS

Retaining Wall Type E
See dwg MMD-409577-C-
DR-00-XX-1353 for details

Retaining Wall Type F
See dwg MMD-409577-C-
DR-00-XX-1354 for details

Retaining Wall Type D
See dwg MMD-409577-C-
DR-00-XX-1352 for details

Retaining Wall Type A
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type C
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type E
See dwg MMD-409577-C-
DR-00-XX-1353 for details

Retaining Wall Type B
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type D
See dwg MMD-409577-C-
DR-00-XX-1352 for details

Retaining Wall Type B
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type C
See dwg MMD-409577-C-
DR-00-XX-1351 for details

Retaining Wall Type B
See dwg MMD-409577-C-
DR-00-XX-5351 for details

Retaining Wall Type A
See dwg MMD-409577-C-
DR-00-XX-5351 for details

North Loch Drive

Burgess Street

DETENTION BASIN

FREEBOARD LEVEL 14.500

SPILL LEVEL 13.500

DETENTION BASIN

FREEBOARD LEVEL 13.600

SPILL LEVEL 13.500

MP ref 1100 @ 9.000

SEWER 1100mm Ø 1.200

1:350 0 17.5m 35m

Notes

1. All dimensions are in millimeteres unless noted otherwise.
2. All levels are in metres above ordnance datum.
3. The contractor shall check and verify all dimensions, notes and conditions on site prior to commencement of construction.
4. Plans and details should not be scaled, use only the dimensions given on the drawing.
5. Concrete for retaining walls shall be designated mix C32/40 to BS EN 2006-1:2000 and BS 8500: Part 2:2002.
6. Minimum cover to outermost reinforcement shall be 50mm.
7. Reinforcement designations are as BS 8666:2000, all reinforcement is grade (H).
8. Concrete to be sampled and six cubes to be made from each sample (20m³ or one days concreting whichever is less), two cubes to be tested at 7 days and four cubes at 28 days in accordance with BS1881. Results to be reported immediately to the Engineer.
9. Subgrade surface to be inspected and approved by the Engineer prior to placing blinding concrete.
10. Design of walls assumes a surcharge of 15 kN/m² from construction vehicles and plant in the temporary condition and from vehicular traffic in the permanent condition.
11. Design assumes no allowance for water pressure behind walls with drainage systems provided to rear of walls to prevent water build up.
12. Design assumes fence or guardrail fixed to the top of each wall type with height of 1100mm above ground level.

Key to symbols

- Retaining Wall Type A: < 1.5m Difference in ground level
- Retaining Wall Type B: 1.5m - 2.5m Difference in ground level
- Retaining Wall Type C: 2.5m - 3.5m Difference in ground level
- Retaining Wall Type D: 3.5m - 4.5m Difference in ground level
- Retaining Wall Type E: 4.5m - 5.5m Difference in ground level
- Retaining Wall Type F: 5.5m - 6.28m Difference in ground level

Reference drawings

MMD-409577-C-DR-00-XX-1351 - Retaining Wall Details (Sheet 1 of 4)
MMD-409577-C-DR-00-XX-1352 - Retaining Wall Details (Sheet 2 of 4)
MMD-409577-C-DR-00-XX-1353 - Retaining Wall Details (Sheet 3 of 4)
MMD-409577-C-DR-00-XX-1354 - Retaining Wall Details (Sheet 4 of 4)

Rev	Date	Drawn	Description	Ch'k'd	App'd
P1	01:21	EW	Preliminary Issue	NP	KB

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

Retaining Wall Layout

Designed	L Krauze	LK	Eng check	N Pearson	NP
Drawn	E Wishart	EW	Coordination	J Moncrieff	JM
Dwg check	J Moncrieff	JM	Approved	K Burnett	KB

Scale at A0	Status	Rev	Security
1:350	PRE	P1	STD

Drawing Number
MMD-409577-C-DR-00-XX-1350

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