



PLAN VIEW OF TYPICAL WALL MOVEMENT JOINT at 6m Centres (To Retaining Wall Types A, B, C, D, E & F) SCALE 1:10

SECTION THROUGH TYPICAL BASE JOINT at 6m Centres (To Retaining Wall Types A, B, C, D, E & F) SCALE 1:10

- Notes
- All dimensions are in millimetres unless noted otherwise.
 - All levels are in metres above ordnance datum.
 - The contractor shall check and verify all dimensions, notes and conditions on site prior to commencement of construction.
 - Plans and details should not be scaled, use only the dimensions given on the drawing.
 - Concrete for retaining walls shall be designated mix C32/40 to BS EN 2006-1:2000 and BS 8500: Part 2:2002.
 - Minimum cover to outermost reinforcement shall be 50mm.
 - Reinforcement designations are as BS 8666:2000, all reinforcement is grade (H).
 - 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.
 - Subgrade surface to be inspected and approved by the Engineer prior to placing blinding concrete.
 - 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.
 - Design assumes no allowance for water pressure behind walls with drainage systems provided to rear of walls to prevent water build up.
 - Design assumes fence or guardrail fixed to the top of each wall type with height of 1100mm above ground level.
 - Reinforcement lap lengths to be 51 x bar diameter in wall stem, 39 x bar diameter in bottom of base and 56 x bar diameter in top of base unless noted otherwise.

Key to symbols
FGL - Finished Ground Level

Reference drawings
MMD-409577-C-DR-00-XX-1350 - Retaining Wall Layout
MMD-409577-C-DR-00-XX-1351 - Retaining Wall Details (Sheet 1 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)

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

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

Retaining Wall Details
Sheet 2 of 4

Designed	L Krauze	LK	Eng check	N Pearson	NP
Drawn	E Wishart	EJW	Coordination	J Moncrieff	JM
Dwg check	J Moncrieff	JM	Approved	K Burnett	KB
Scale at A1	Status	Rev	Security		
1:20; 1:10	PRE	P1	STD		
Drawing Number	MMD-409577-C-DR-00-XX-1352				

