

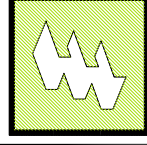
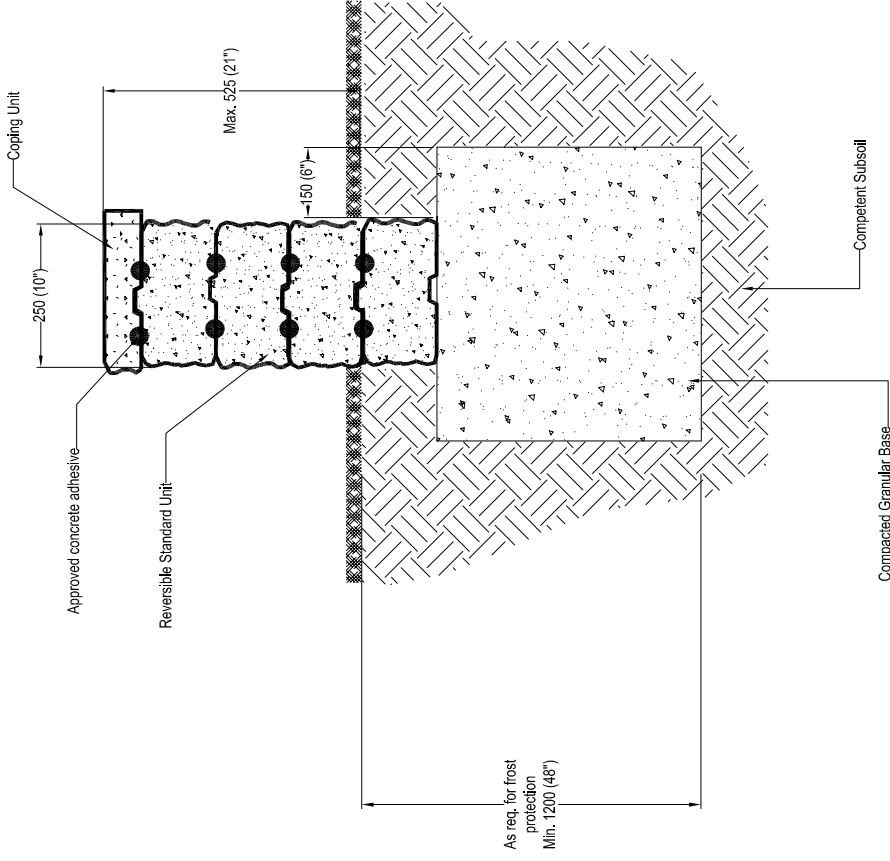
Design Specific Geometric Information

Retaining Wall System	See Below	Geogrid Type and Manufacturer	N/A
Maximum Height mm (in)	675 (27)	Minimum Geogrid LTDS kN/m (lb/ft)	N/A
Maximum Slope Above Wall	N/A	Maximum Slope Below Wall	None
Max. Surcharge Above Wall kPa (lb/sq.ft)	None	Depth of Embedment mm (in)	153 (6)
Batter of Wall	VERTICAL	Compacted Base Dimension mm (in)	610 x 153 (24 x 6)

Design Specific Soil Information

	Soil Region			
	Infill	Retained	Foundation	Base
Description (by USCS)	N/A	N/A	CL	GW
Effective Internal Friction Angle	N/A	N/A	28°	39°
Moist Unit Weight kN/m ³ (lb/cu.ft)	N/A	N/A	20 (127)	22 (140)
Effective Cohesion kPa (lb/sq.ft)	N/A	N/A	NR	NR
Soil Notes	Placed in 150mm (6in) lifts and compacted to 95% SPD.	Must be undisturbed dense soil or well compacted engineered fill.	The ultimate bearing capacity must exceed 144kPa (3000lb/sq.ft).	Well graded, crushed, non frost susceptible granular soil compacted to 98% SPD.
NR - Not Required				Free draining crushed granular (9mm (3/4in) clear stone, 300mm (12 in) thick minimum.

Note: Poor site conditions can affect the stability of the structure. Consult a qualified professional engineer to determine site specific construction details.



RisiStone®
retaining wall systems

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Bench Detail

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