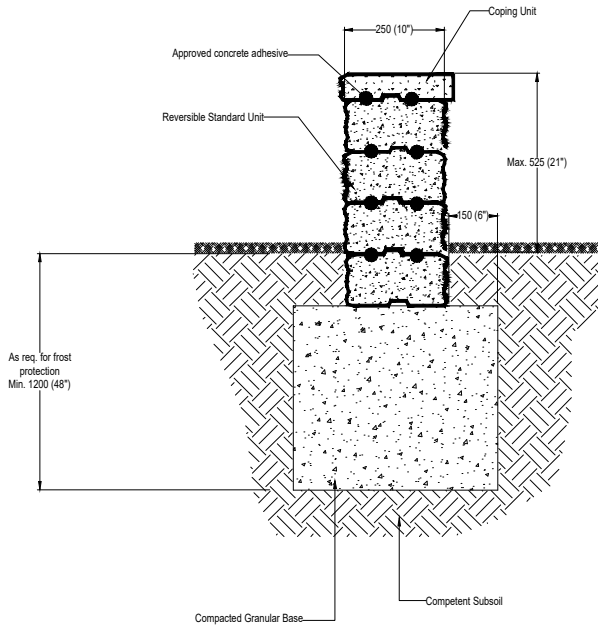


ROMAN PISA[®]

REF: Detail_Pisa_Roman Pisa_Seat Wall

REVERSIBLE (AVAILABLE IN SELECTED MARKETS) BENCH DETAIL



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	Drainage
Description (by USCS)	N/A	N/A	CL	GW	N/A
Effective Internal Friction Angle	N/A	N/A	28 °	39 °	N/A
Moist Unit Weight kN/cu.m (lb/cu.ft)	N/A	N/A	20 (127)	22 (140)	N/A
Effective Cohesion kPa (lb/sq.ft)	N/A	N/A	NR	NR	N/A
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.	Free draining crushed granular 19mm (3/4in) clear stone, 300mm (12 in) thick minimum.

NR - Not Required

Note:

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



Engineering design by RisiStone Inc.

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