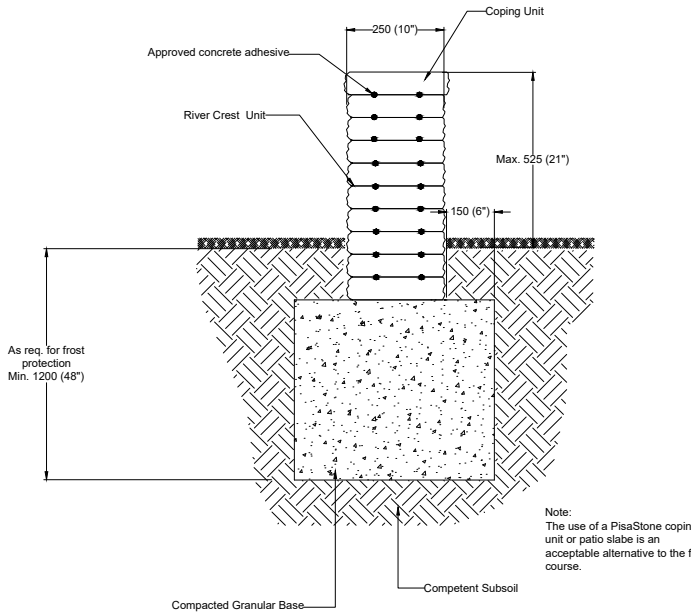


RIVERCREST®

REF: Detail_Rivercrest_Seat Wall

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 100kPa (2000pdf). | 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.



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