

NHDOT Pre-Approved Proprietary Wall Systems* (Revised 6/26/2015)

Wet Cast MSE Retaining Walls

Wall Company/ Technology	Company System Name	System Description	Qualified Applications	Limitations/Concerns
The Reinforced Earth Company	Reinforced/ Retained Earth Wall	Precast concrete 5'x5' facing panels with steel strip tensile reinforcement	<ul style="list-style-type: none"> • Retaining walls • Wingwalls • Abutments 	
Tensar	Ares Wall	Precast concrete 5'x5' or 5'x9' facing panels with Tensar HDPE geogrid tensile reinforcement	<ul style="list-style-type: none"> • Retaining walls only 	<ul style="list-style-type: none"> • ** Total wall heights < 30-ft. • All designs need to address the long-term stability of the HDPE geogrid in regards to creep and elongation.
Big R Bridge Corp.	Vist-A-Wall MSE Wall	Precast concrete 5'x5' facing panels with welded wire mesh tensile reinforcement	<ul style="list-style-type: none"> • Retaining walls • Wingwalls • Abutments 	

*** All systems are subject to additional review and approval by NHDOT for each specific project application.**

****Total wall height is measured from the top of the wall to bottom of wall with a minimum of 4.5-ft. of frost cover.**

NHDOT Pre-Approved Proprietary Wall Systems* (Revised 6/8/2018)

Precast Concrete Modular Walls

Wall Company/ Technology	Company System Name	System Description	Qualified Applications	Limitations/Concerns
The Reinforced Earth Company	T-Wall	T-shaped precast concrete module with soil infill and 2.5'x5' facing panel	<ul style="list-style-type: none"> • Retaining walls only 	<ul style="list-style-type: none"> • ** Total wall heights < 40-ft.
Double Wal	Double Wal II	Four sided precast concrete module with soil infill and 4'x8' facing panel	<ul style="list-style-type: none"> • Retaining walls only 	<ul style="list-style-type: none"> • ** Total wall heights < 30-ft.
Earth Wall Products, LLC	Gravix Retaining Wall	T-shaped precast concrete module with soil infill and 4'x8' facing panel	<ul style="list-style-type: none"> • Retaining walls only 	<ul style="list-style-type: none"> • ** Total wall heights < 30-ft. • Gravix Precast Traffic Barrier not allowed.
Redi-Rock	Gravity wall	Full width, large precast concrete blocks that act as a gravity wall	<ul style="list-style-type: none"> • Retaining walls only 	<ul style="list-style-type: none"> • ** Total wall heights ≤ 9-ft. • Blocks are 46" wide x 18" high, with typical depths of 28", 42" and 60"

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****Total wall height is measured from the top of the wall to bottom of wall with a minimum of 4.5-ft. of frost cover.**