



WATERWAYS

The T-WALL® Solution

Engineering

From design through construction, put our years of waterway and retaining wall experience to work for you. Our *Design Guide and Technical Information* booklet is available upon request.

Erosion and Impact Protection

The dense reinforced concrete wearing surface provides resistance to the erosive effects of water and ice. The weight and interlock of the units provide resistance to impact.

Eliminates Dewatering

The heavy, stable units allow for construction in the water, thereby reducing or eliminating dewatering costs.

Drainage

The T-WALL system is designed to dissipate the hydrostatic pressure that accompanies the rapid draw-down of receding flood waters.

Locally Produced

T-WALL units are manufactured by licensed precast producers throughout the U.S. and Canada.

Cost Competitive

T-WALL has proven to be economical for a wide variety of water applications. The ease of construction, the reduced quantities of excavation and select backfill, and the savings in dewatering result in a competitive in-place cost.



*Embankment Repair – Ice Scour
Montpelier, VT*



*Storm Drainage
Danville, VA*



*Bank Stabilization - Flood
Wegee Creek – Shadyside, OH*

Think of the possibilities

- Wingwalls and headwalls
- Culverts
- Wetlands protection
- Drainage ditches
- Channelization
- Causeways
- Bank Stabilization
- Dams
- Seawalls



*Stream Crossing
Flint, OH*



*Haul Road – Tidal Zone
Bath, ME*

Professional Services

- Preliminary designs and estimates.
- Drawings and calculations.
- Manufactured components.
- On-site construction assistance.



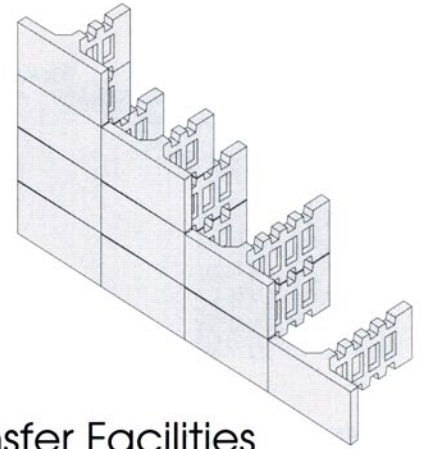
THE NEEL COMPANY
Engineered Precast Products

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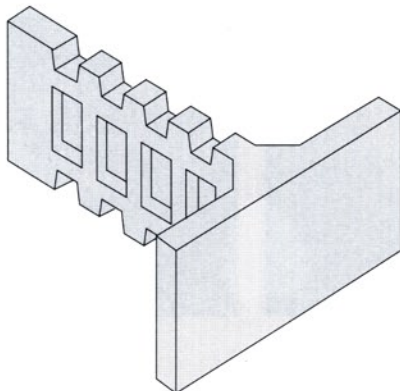
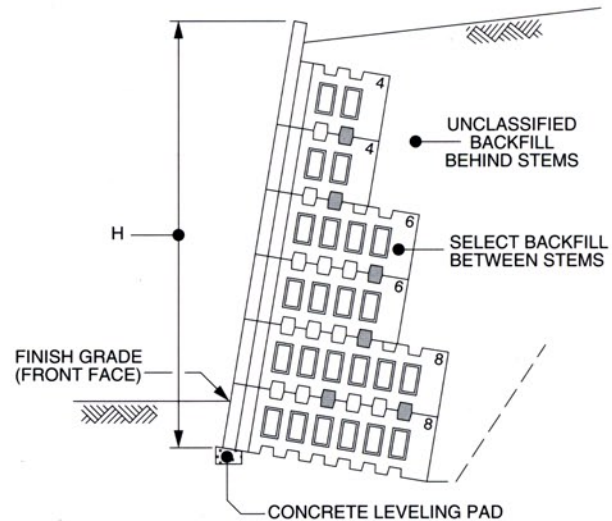
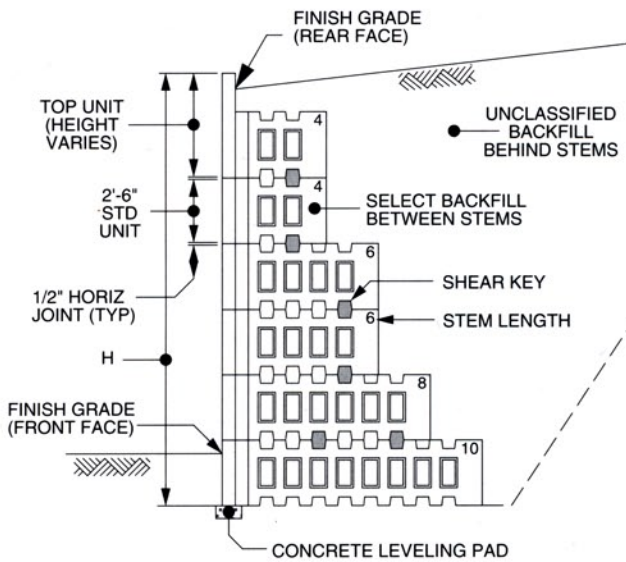
T-WALL®

the retaining wall system that's not just for walls...



- Highways and Parking Lots
- Site Improvements
- Bank Stabilization
- Truck Dumps
- Trash Transfer Facilities
- Wing Walls
- Railroads
- Waterway Improvements

TYPICAL T-WALL SECTIONS



STANDARD T-WALL UNIT

VERTICAL WALLS - LEVEL EMBANKMENT										
course	distance from top of wall (ft)	WALL HEIGHT (ft)								
		7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5
STEM LENGTHS										
1	2.5	4	4	4	4	4	4	4	4	4
2	5.0	4	4	4	4	4	4	4	4	4
3	7.5	6	6	6	6	6	6	6	6	6
4	10.0		6	6	6	6	6	6	6	6
5	12.5			8	8	8	8	8	8	8
6	15.0				10	10	10	10	10	10
7	17.5					10	10	10	10	10
8	20.0						12	12	12	12
9	22.5							14	12	12
10	25.0								14	14
11	27.5									16