

Timber Retaining Wall Drawings Available

New Hampshire - Vermont Timber Retaining Wall Initiative Yields Design and Drawings

Drawings are now available which enable reasonably skilled crews, such as municipal employees and volunteers, to construct a timber retaining wall. The design uses a wood bin or crib wall design with each crib held in place by spacing timbers. Employing locally grown woods, the design has many advantages.

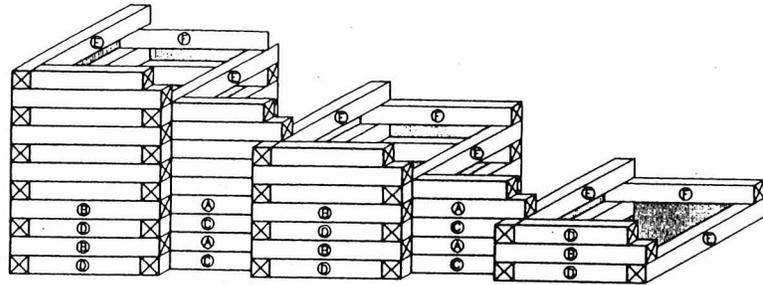
- Suitable for "do-it-yourself projects"
- Cost effective
- Adaptable to many situations
- Useable in difficult to access areas
- Low heavy equipment requirements
- Exceptionally rugged
- Long lasting and low maintenance
- Aesthetically pleasing

The UNH T²Center was one of fourteen members of the Bi-State Timber Retaining Wall Task Force that guided the development of this initiative. The collaborative effort of the public and private interests produced a set of drawings suitable for project planning, material specification and procurement, and assembly.

Dimensions of the exposed face and heights depend on the site conditions. **The wall design will work in a wide range of situations.** A few of the practical and economical uses for the timber retaining wall include

- Stabilize a sliding embankment
- Gain useable land at top of slopes

CONSTRUCTION SEQUENCE DETAIL

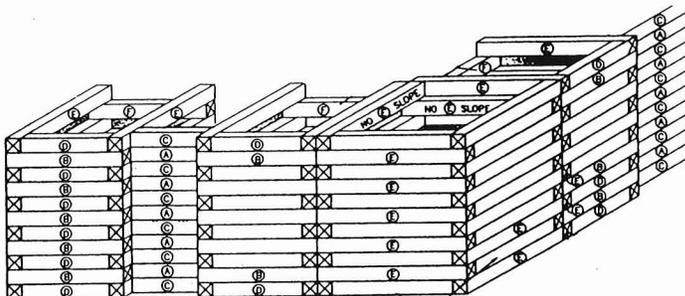


- Create additional parking for homes and businesses, factories, and developments
- Create a near vertical embankment where site grading options are limited, thus gaining land area at bottom of slopes
- Realign a driveway or light duty road
- gain additional yard or grassed areas
- Elevate tees or greens on golf courses
- Stabilize stream bank

If you're interested in a timber retaining wall, call us for more information. We'll send a brochure with a decision tree to evaluate how well your situation fits the design parameters.

Drawings and technical advice are available at the New Hampshire and Vermont Resource Conservation and Development (RC&D) Councils. The not-for-profit RC&D Councils lead this effort to help stimulate additional uses for wood as a locally available and renewable resource. They have arranged several installations in both states and have plans for more. Contact the nearest RC&D Council for information about completed walls, demonstrations, and workshops.

CORNER BIN DETAIL



- North Country and Southern NH RC&D's
Meredith NH; 603-279-6546
- George D. Aiken RC&D
Randolph VT; 802-728-9526
- Northern VT RC&D
Berlin VT; 802-828-4595