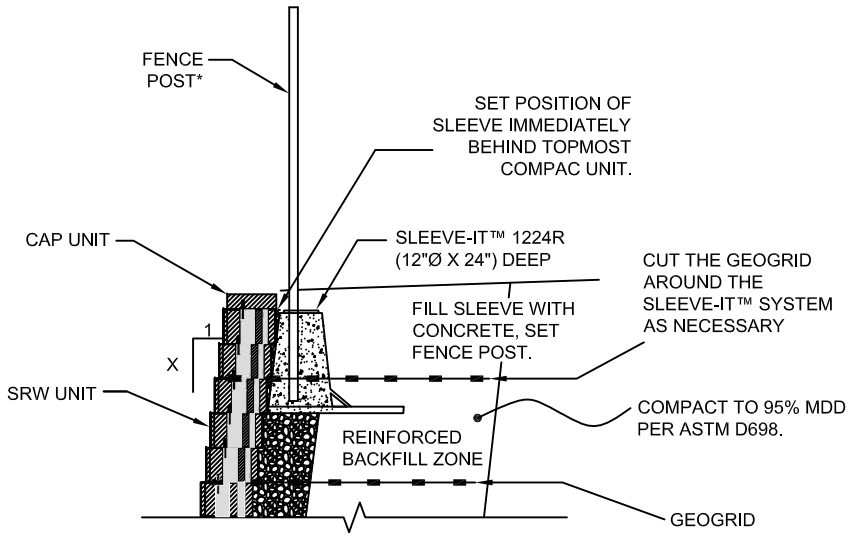

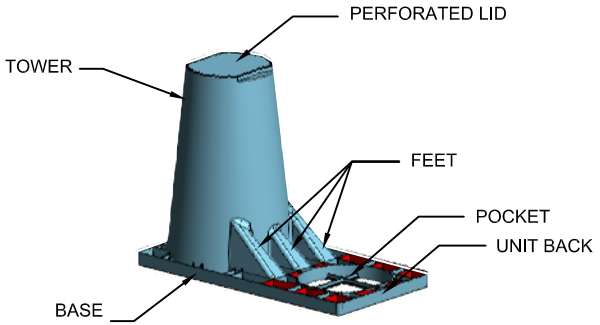

DETAIL OF FENCE POST INSTALLATION USING SLEEVE-IT™
N.T.S.

ASSEMBLY & INSTALLATION

1. General - The Sleeve-It™ post foundation system shall be purchased and installed by the retaining wall contractor to facilitate future fence post installation. Contractor shall verify proper spacing requirements prior to installation.

2. Assembly & Installation - Refer to instructions provided with units for specific information related to the assembly of the Sleeve-It™ system and the correct installation procedure. When the segmental retaining wall has been constructed to two feet from top not including the capstone:

Step 1: Prepare a level area approximately 24" wide x 36" deep behind the wall face. The prepared area should be 24" below the proposed top of wall (not including the cap stone).

Step 2: Place the Sleeve-It unit on the level surface in an upright position with the front edge of the unit flush against the back of the wall. Multiple units should be spaced in accordance with fence specifications.

Step 3: Encapsulate and stabilize the Sleeve-It unit by placing and compacting sufficient backfill material layers as required. if geogrid is required, slit the geogrid perpendicular to the wall face just enough to fit around the base of the unit while ensuring that the geogrid remains properly attached to the wall. Continue the backfilling process until the material reaches the top of the tower. Do not remove perforated liduntil ready to place post. Do not step on perforated lid, as this could cause serious bodily injury.

Step 4: Punch the perforated lid using a mallet or hammer to expose the inside of the Sleeve-It unit. Detached lids can be left inside the unit or discarded prior to pouring the infill material.

Step 5: Place post through the exposed area and rest on the flat ground surface area inside the Sleeve-It cavity. Ensure that the post is upright and level and hold in place while carefully pouring infill material such as concrete through the exposed cavity. Follow guidelines as specified by infill supplier. Concrete is highly recommended as infill material.

Important Note: Backfill soil as prescribed by retaining wall manufacturer. Backfill material above and surrounding the Sleeve-It™ system must be compacted to a minimum of 95% of the material's maximum dry density as determined by **ASTM D-698** (Standard Proctor). Backfill and compaction within three feet of the wall face should be performed with hand operated equipment as recommended by the National Concrete Masonry Association (NCMA) SRW guidelines.
Repeat Above Steps for next Sleeve-It™ unit.

Fence posts shall extend a minimum distance of 18" into the sleeve to ensure proper engagement with the Sleeve-It™ system. All posts must be on the "inboard" side of the vertical portion of the cantilever base. Fill cavity completely with concrete. When concrete cures, topsoil or other surficial cover may be placed over the Sleeve-It™ system to create final, finished appearance.

The Sleeve-It™ product shall be evenly spaced no farther apart than 8 feet on centers in any case. Use of the Sleeve-It™ system is limited to the following fencing applications without consideration of wind load:

- 8-foot high and under chain link fences
- 6-foot high and under wood fence with gaps between boards
- 6-foot hight and under ballustraded PVC, steel, aluminum or wrought iron fences.

For other fencing systems specifically not meeting these criteria, contact Strata Systems Inc., to determine suitability. **1 (800) 680-7750 or email strata@geogrid.com**

ALL material may be subject to site testing for compliance to the above specifications.

SLEEVE-IT by STRATA

FOR MORE INFORMATION CONTACT:
STRATA SYSTEMS INC.,
1-800-680-7750
OR
strata@geogrid.com

DATE: 3/15/2018	SCALE: NTS	DWG NO. SLEEVE-IT™ SECTION