INSTALLATION GUIDELINES

UNIT DIAGRAM

Perforated lid
Tower
Unit front
Feet
Pocket
Unit back

SLEEVE-IT units can be stacked in a nested format.

STEP 1 Surface Preparation

- Prepare a level surface area behind the wall face where the fence post is to be placed.
- The area should be approximately 16” wide by 32” deep.
- The elevation of the base of the Sleeve-It should be approximately 24” below the proposed top of the wall (not including the capstone).

STEP 2 Sleeve-it Placement

- 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 Backfilling Process

- 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 as directed until the material reaches the top of the tower.
  - Do not remove perforated lid until ready to place post.
  - Do not step on perforated lid, as this could cause serious bodily injury.

STEP 4 Lid Detachment

- 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 of infill material.

STEP 5 Post Placement

- 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 specified by infill supplier.
  - Concrete is highly recommended as infill material.

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IMPORTANT NOTE: Backfill and compaction within three feet of the wall face should be performed with hand operated equipment as recommended by the National Concrete Mason Association (NCMA) SRW guidelines. Work should be performed in accordance with the standards in this guideline in addition to all standards related to the construction and installation of the segmental retaining wall system; and as recommended by the fencing manufacturer, the segmental wall system manufacturer, and the design engineer, as appropriate.