

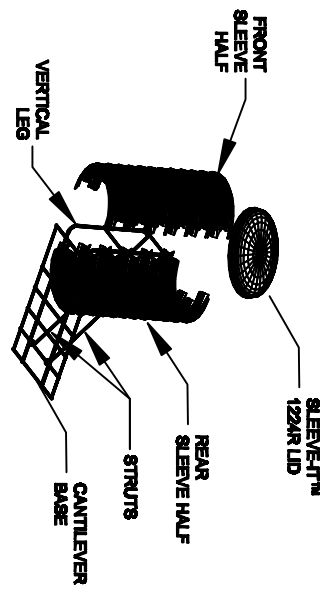
**ASSEMBLY & INSTALLATION**

**DETAIL OF FENCE POST INSTALLATION USING SLEEVE-FT™ 122AR**

**N.T.S.**

**SLEEVE-FT™(m) DETAILS PROVIDED BY STRATA SYSTEMS, INC. FOR REFERENCE ONLY.**

1. **General** - The Sleeve-FT™ post foundation system shall be purchased and installed by the installing wall contractor to include labor from 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-FT™ system and the correct installation procedure. When the suggested meeting wall has been constructed to the feet from top not including the capstone:
- Step 1: Prepare a base area approximately 24" wide x 28" deep behind the wall face. The prepared area should be 2" below the proposed top of wall (not including the cap stone).
- Step 2: Take the two sleeve halves, one front (no side) and one back (with side) and lay them on a level surface with the H (reinch figure) and the OUT (fused figure) opposite each other. Interleave the two sleeve halves by pushing the H finger side under the OUT finger side. Flip the sleeve over and follow the same procedure on the other side. Check the unit vertically and use the two joints to secure the sleeve halves into a cylindrical unit.
- Step 3: Press the Praxair coated carrier base on the prepared area with the vertical upright about 6" from the left of the back.
- Step 4: Slide the sleeve over the vertical leg (the uncapped portion) with the capped side of the sleeve facing away from the wall face.
- Step 5: Slip the uncapped end of each strut through the side located in the back of the sleeve and connect them to the exposed reinforcing bar on the vertical leg inside the sleeve. Connect the capped ends of the struts to the coated base portion of the steel carrier on the second reinforcing bar from the rear of the base.
- Step 6: Position the entire system as needed by lifting it using the top reinforcing bar of the vertical portion of the steel carrier inside the sleeve after assembly. Make sure the wall leader for any remaining courses of blocks is accounted for when positioning the Sleeve-FT™ in its final location.
- Step 7: Press enough 3/4" diam stone around the system to stabilize it. Set the H in stone with the handle perpendicular to the wall face. Use the handle on the center line measuring guide to ensure that the next Sleeve-FT™ is placed with the proper spacing requirements as directed by the fence specifications.
- Step 8: When installing geogrid around the Sleeve-FT™ system, set the geogrid perpendicular to the wall face just enough to not enclose the sleeve ensuring that the grid is properly attached to the wall face everywhere with the exception of where the sleeve is. This method is acceptable by geogrid manufacturers when details such as fence post foundations are present.



**FENCING SYSTEMS APPROVED FOR USE WITH THE SLEEVE-FT™ 122AR ARE LIMITED TO THE FOLLOWING HEIGHTS: CHAIN LINK - UP TO 6-FT, PFWACY - UP TO 6-FT (WOODEN, PVC, METAL), POST SIZE 4'X6' MAX.**

**Important Note:** Should not be purchased by installing wall manufacturer. Should material arrive and surrounding the Sleeve-FT™ system must be completed to a minimum of 80% of the material's maximum dry density as determined by ASTM D4955 (Standard Procedure). Should find and compare with three feet of the wall face should be performed with hand operated equipment as recommended by the National Concrete Masonry Association (NCMA) SWW guidelines. Care should be taken during the first 6" H to avoid reducing the integrity of the struts extending back into the build zone.

**Repeat Above Steps for next Sleeve-FT™ unit.**

When installing struts, posts must be connected into the Sleeve-FT™ only. Fence posts should extend a minimum distance of 1" into the sleeve to ensure proper engagement with the Sleeve-FT™ system. All posts must be on the "bottom" side of the vertical portion of the carrier base. Do not install posts between vertical leg and wall face. Fit evenly completely with concrete. When concrete cures, top or other suitable cover may be placed over the Sleeve-FT™ system to create final finished appearance.


The Sleeve-FT™ product shall be evenly spaced no further apart than 10 feet on centers in any case. Use of the Sleeve-FT™ system is limited to the following spacing applications:

- 6-foot high and under chain link fence
- 6-foot high and under wood fence with gaps between boards
- 6-foot high and under masonry block, steel, aluminum or wrought iron fence.

For other fencing systems specifically not meeting these criteria, contact Strata Systems Inc., to determine suitability. 1 (800) 886-7789 or email [info@strata.com](mailto:info@strata.com)

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

No.	Date	Revision	By


  
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Project		Basalite Standard Drawings	
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The information on this drawing is for conceptual design and should not be used without the signature of a professional engineer. Details should be specific to the project and project site requirements.