

# Decorative Capitals with Load Bearing Plug / Installation Instructions

## A. PARTS AND SUPPLIES NEEDED FOR INSTALLATION

### Hardware not included:

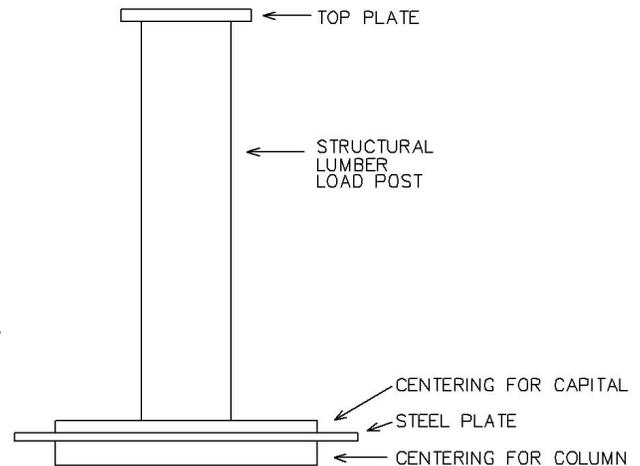
The following will need to be purchased before beginning installation.

- Standard construction adhesive
- Mineral spirits - for cleaning
- High quality primer and topcoat paint
- Flashing
- #10 or #12 rustproof screws

## B. PREPARATION

1. General – Good industrial/construction safety practices demand that when grinding, cutting, or sanding our products, you must work in a well-ventilated area and wear protective safety equipment, such as safety gloves, safety glasses and an MSHA/NIOSH approved respirator.
2. Installation - It is recommended that safety gloves, hard hats and safety glasses, as well as other specified safety equipment be used during installation.
3. Please familiarize yourself with all other installation instructions for the column, base, etc. as you will need to follow portions of those as well, integrating them with these capital installation instructions.

DIAGRAM OF CAPITAL LOAD BEARING PLUG (TYPICAL)



## C. INSTALLATION OF DECORATIVE CAPITALS WITH LOAD BEARING PLUG

1. Before installing the decorative capital, cut the column at the top of the shaft just above the neck ring within 1/8" from the neck ring and belt sand flush to finish (see Fig. A). This step does not apply for columns that are without a neck ring or where the ring is at the top of the column shaft.
2. **Before cutting the bottom of the column shaft** – measure the opening where the column will be installed. When calculating the overall height required be sure to include the height of the capital and plug. The plug will be 1/8" to 3/16" higher than the capital. Trim the column shaft bottom to fit the height of the opening AFTER cutting the top of the shaft at neck ring.

**NOTE: Column may be trimmed using an abrasive or carbide circular saw or a fine-toothed hand saw. The capital may be trimmed/split using a reciprocating saw (Sawzall®) with a 10 to 14 tooth-per-inch saw blade.**

3. Put adhesive on the base of the capital, turn over and center over the metal plug.
4. Countersink and pilot drill four 7/32" screw holes through the bottom of the capital into the centering ring on the plug.
5. Secure the capital to the plug with #10 or #12 rustproof screws. Do not over tighten. Length of the screws will depend on the size of the capital.
6. Apply a good grade of construction adhesive between the top of the column shaft and the bottom of the capital plug (see Fig. B).
7. USE CARE when positioning the capital on top of the column. Large capitals may require a forklift. PICK UP THE CAPITAL FROM THE BOTTOM OF THE STEEL PLATE ONLY. It is important to center the capital assembly on top of the column. Remove any excess adhesive.
8. Countersink and pilot drill four 7/32" screw holes into the top of the column shaft neck ring into the centering ring on the plug bottom (see Fig. B).
9. Secure the capital with #10 or #12 rustproof screws. Do not over tighten. Length of the screws will depend on the size of the capital and neck ring.
10. Lower the soffit onto the plug. If the opening in the top of the capital is not completely covered by the entablature/soffit, flashing will be required to prevent water and/or debris from entering the column. Cut flashing 1/2" or so larger than the capital top, and fold over the edges, securing to the capital with construction adhesive. Since the plug will be 1/8" to 3/16" higher than the capital, you should add shims to fill the gap between the soffit and capital.
11. To install the shims, countersink and pilot drill a 7/32" hole through the capital, shims and soffit and secure with a screw.

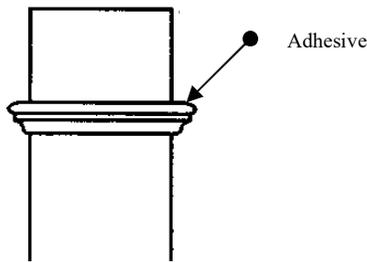
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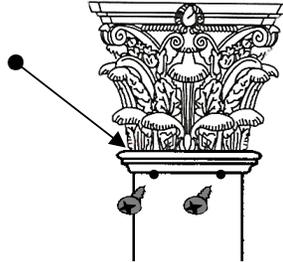
## D. FINISHING

1. Finish by caulking all seams and drill holes.
2. Repairs to the capital may be made using automotive adhesive such as Bondo®.
3. Apply a high quality primer to both the column and capital.
4. Finish with a premium grade of topcoat paint (see Fig. C).

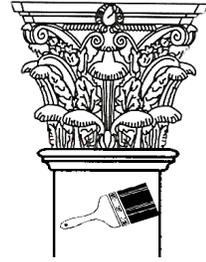
**Fig. A** – Trim Column at neck ring when installing decorative capitals.



**Fig. B** – Apply adhesive between the top and bottom of capital. Fasten with screws into centering rings.



**Fig. C** – Apply a high quality primer before painting.



## OTHER INFORMATION

It is always advisable to check your local building codes before starting construction. If you have any questions regarding these installation instructions, please contact manufacturer before starting installation.

Manufacturer shall not be responsible if any failure to comply with these instructions results in the product failing to perform the purpose intended. Failure to comply with the above instructions shall result in voiding the terms and conditions as stated in the warranty.