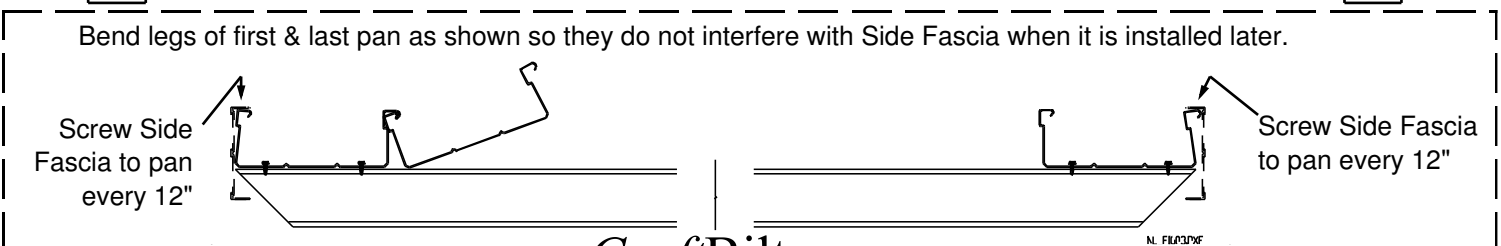
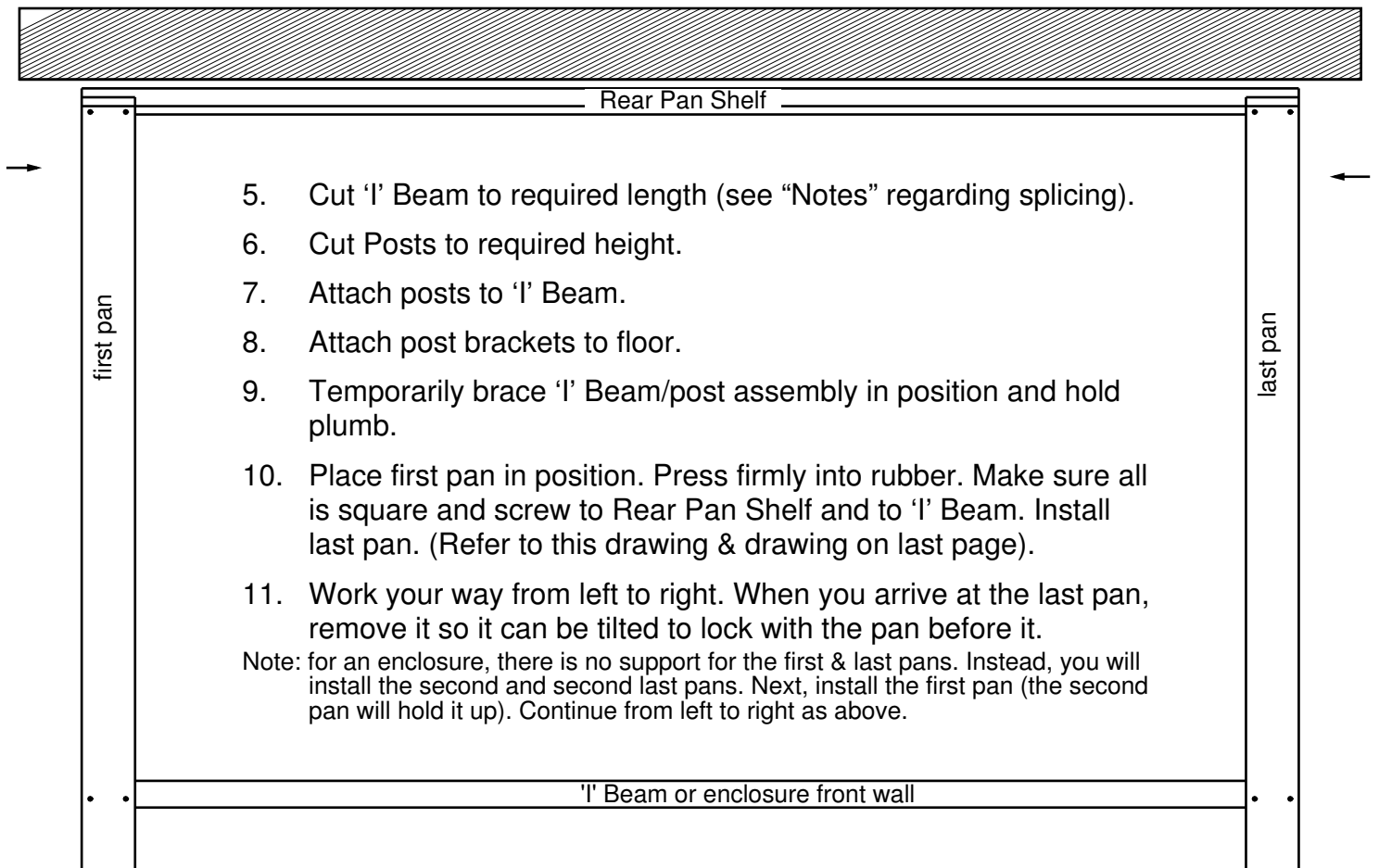
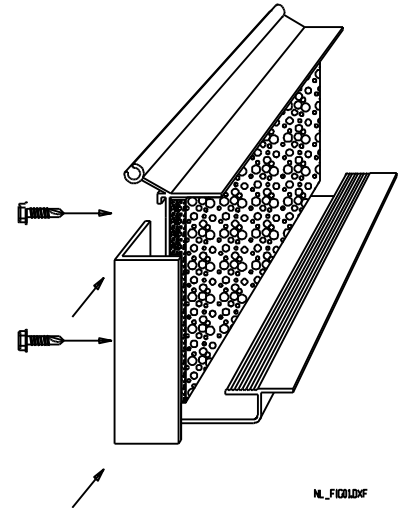
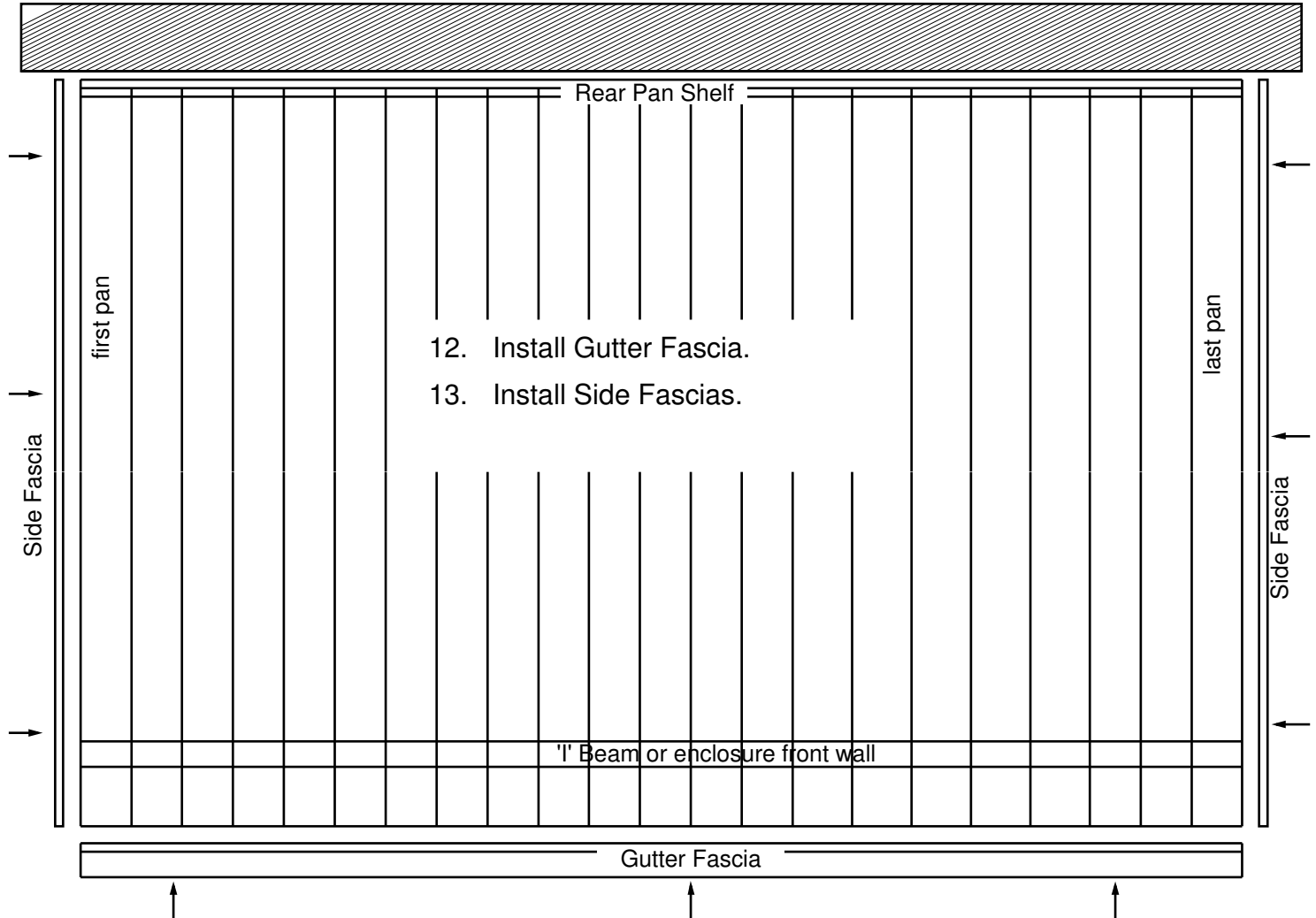


The Northlander

INSTALLATION

1. Insert the 3" angles into the grooves of the Rear Pan Shelf and fasten with 2 tek screws. The Side Fascia will attach to these angles later on.
2. Apply the self adhesive rubber to the inside of the Rear Pan Shelf. It should go end to end, trim if necessary. If the rubber is not in one continuous piece, ensure that the butt ends fit snugly together.
3. Make pencil marks on the top of both the Rear Pan Shelf and the Gutter Fascia. Every 8" for Flat Pan, 12" for W Pan.
4. Attach Rear Pan Shelf, or Wall Hanger if specified, to house. See drawing on page 2 for details. Mounting height is determined by using 1/4:12 pitch minimum.





Notes:

- **Ordering:** Use **CBM** form "PATIO COVER ORDER FORM" to make ordering more convenient.
- **Skylights:** Apply dabs of silicone between the skylights and the roof pans just before you interlock them. This will eliminate any free play and allow for some expansion. Do not use screws to hold skylights in place. Skylights are typically spaced four or five pans apart. Longer spans and higher snow loads may prohibit the use of skylights. There are NO snow load charts for Northlander Flat or 'W' pan roofs with skylights.
- **Flashing:** Always flash from existing structure. Flashing should extend 6" past the Rear Pan Shelf.
- **Pitch:** Approximately $\frac{1}{4}$ " @ foot minimum to prevent ponding of water. (i.e. 8' projection: 2" drop, 12' projection: 3" drop, etc.)
- **Leaf Guard:** This is not included with precut Northlander Patio Covers. Even a cover with leaf guards must be cleaned out a couple of times a year since water may back up the roof and cause a leak between the pans.



Notes Cont'd:

- **W Pan Plugs:** These are not included with precut Northlander Patio Covers. For enclosures, they fill the gap between the W pans and the top of the front wall. Order two plugs per W Pan, part no. 461723WP.
- **Flat Pan Skylight Plugs:** These are not included with precut Northlander Patio Covers. For enclosures, they fill the gap between the flat pan skylight and the top of the front wall. Part no. 461724FP.
- **Splicing Beams:** Refer to separate Craft-Bilt documentation for 'I' beam splicer (part #451000WH) or 3" x 3" square beam splicer (part #166501").

