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Installation Instructions for Banyan™ Canopy

Note:

- The information included in the submittal drawing package shall supersede any information included in these installation instructions. Fastener type, size, and quantity shall be dictated by the submittals. It is the responsibility of the installer to follow all building codes and comply with all safety regulations.
- These installation instructions are intended to cover basic canopy installation processes. Various surrounding conditions may require a specialized anchorage solution in which case the Industrial Louvers prepared shop drawings should be referenced for installation guidance.
- Anchors into substrate are not supplied unless noted otherwise. The installer is responsible for supplying appropriate anchors.
- The product depicted in these installation instructions may not match the product supplied, however the installation process is the same.

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Definitions / Abbreviations

-Decking

The interlocking component used to create shelter and fill the canopy area.

-Flashing

Formed metal, peel and stick, or fluid applied membrane intended to divert water to desired location.

-Frame / Perimeter Frame

The component(s) making up the perimeter of the canopy. The frame will have an integrated gutter to collect and divert water to the water discharge stub.

-Hanger Beam

The structural component which supports the perimeter frame and decking.

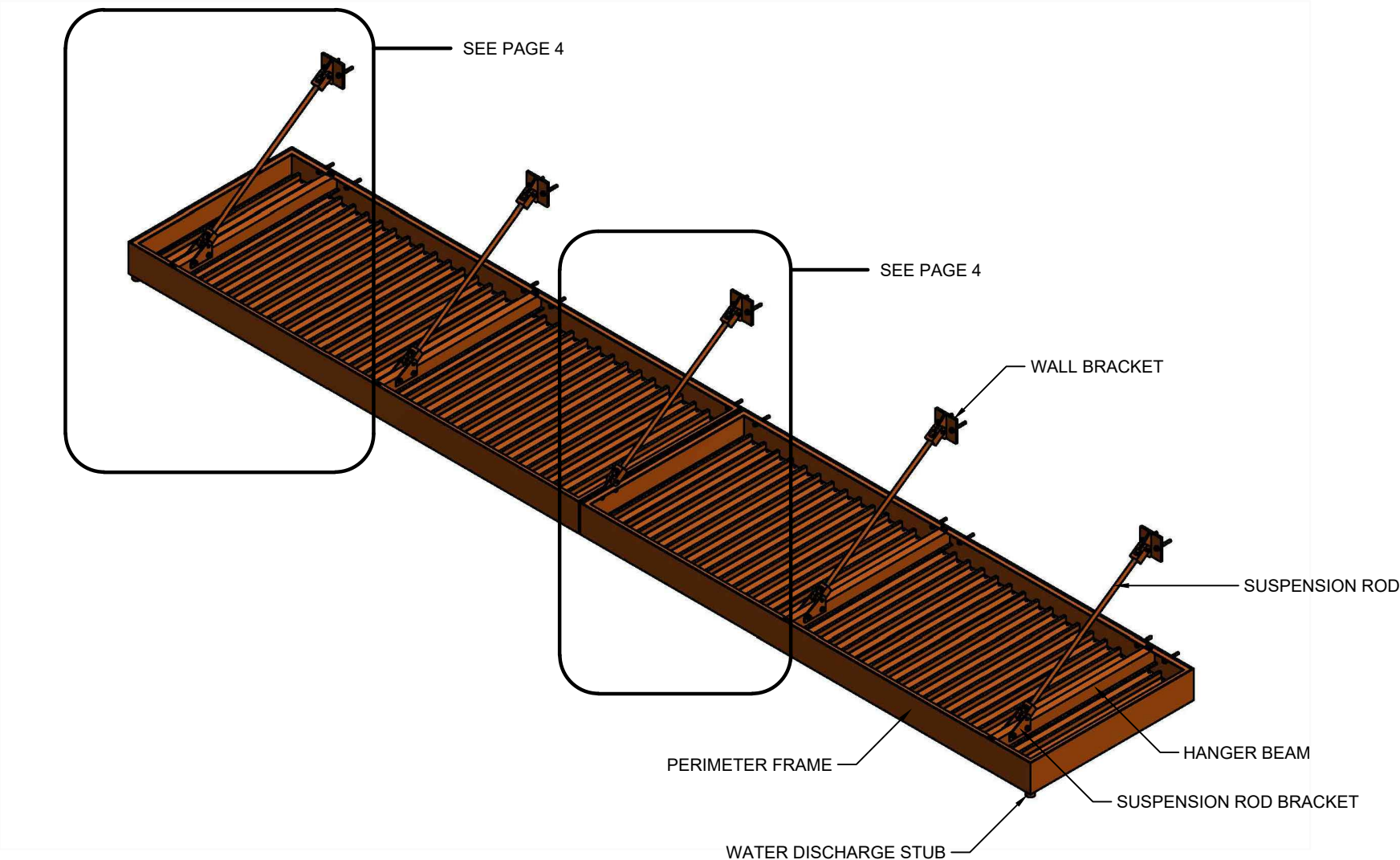
-Suspension Rod

Adjustable length support rod.

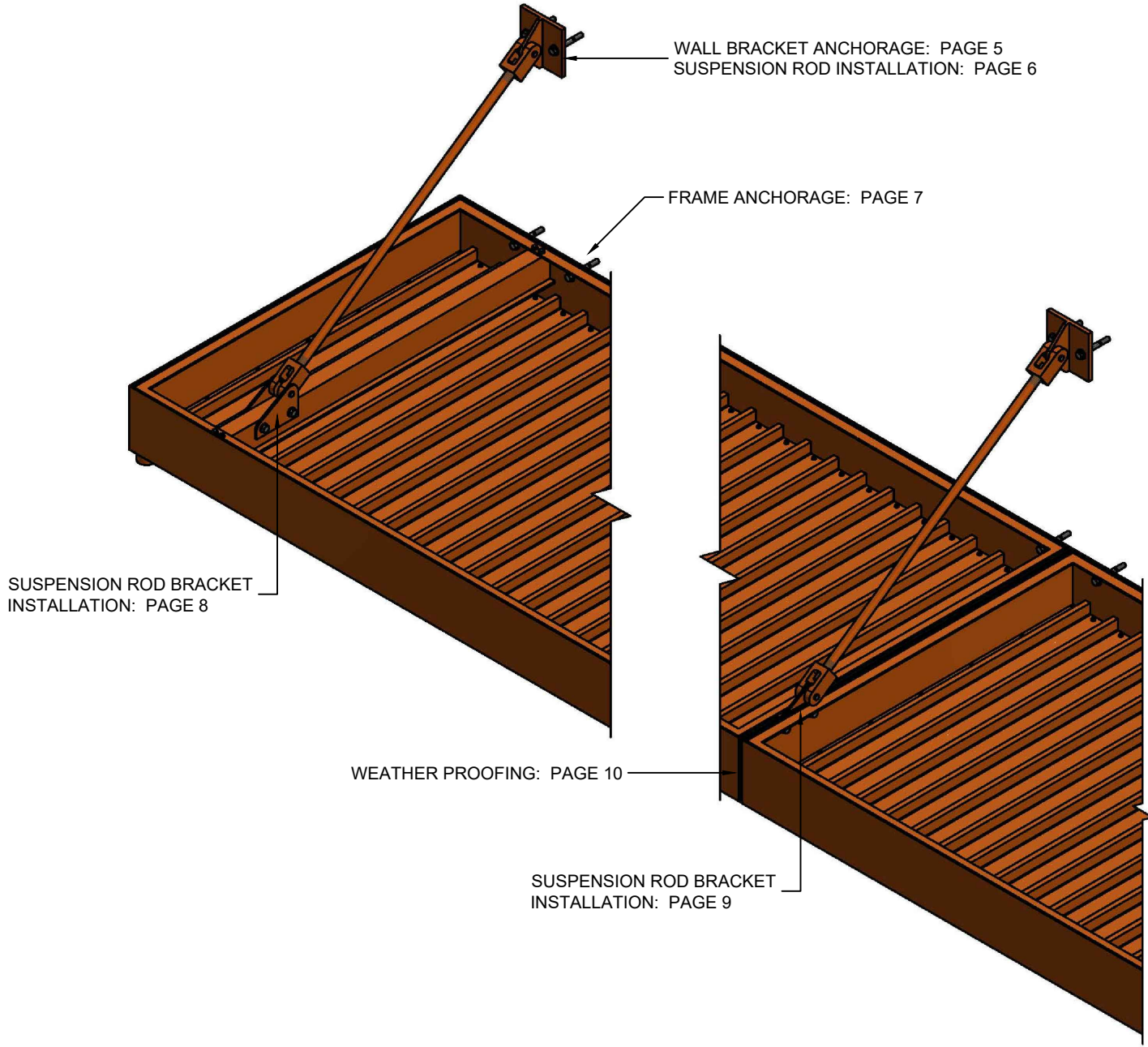
-Water Discharge Stub

Short section of pipe where water will flow out of the perimeter frame.

Canopy Assembly Overview

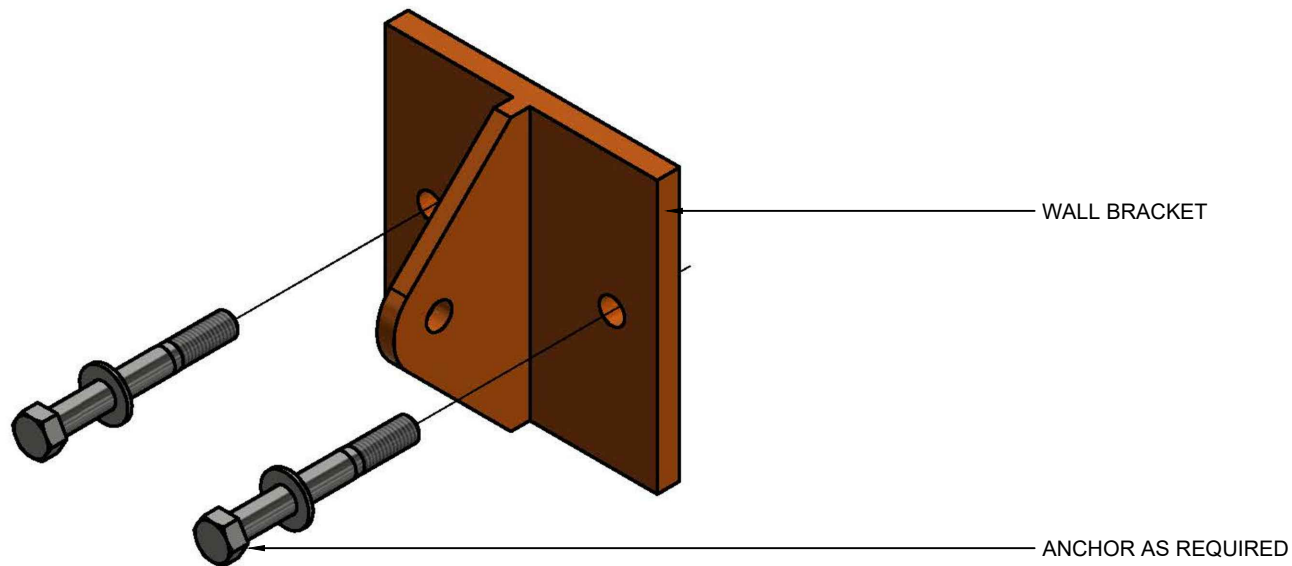


Enlarged Canopy Assembly



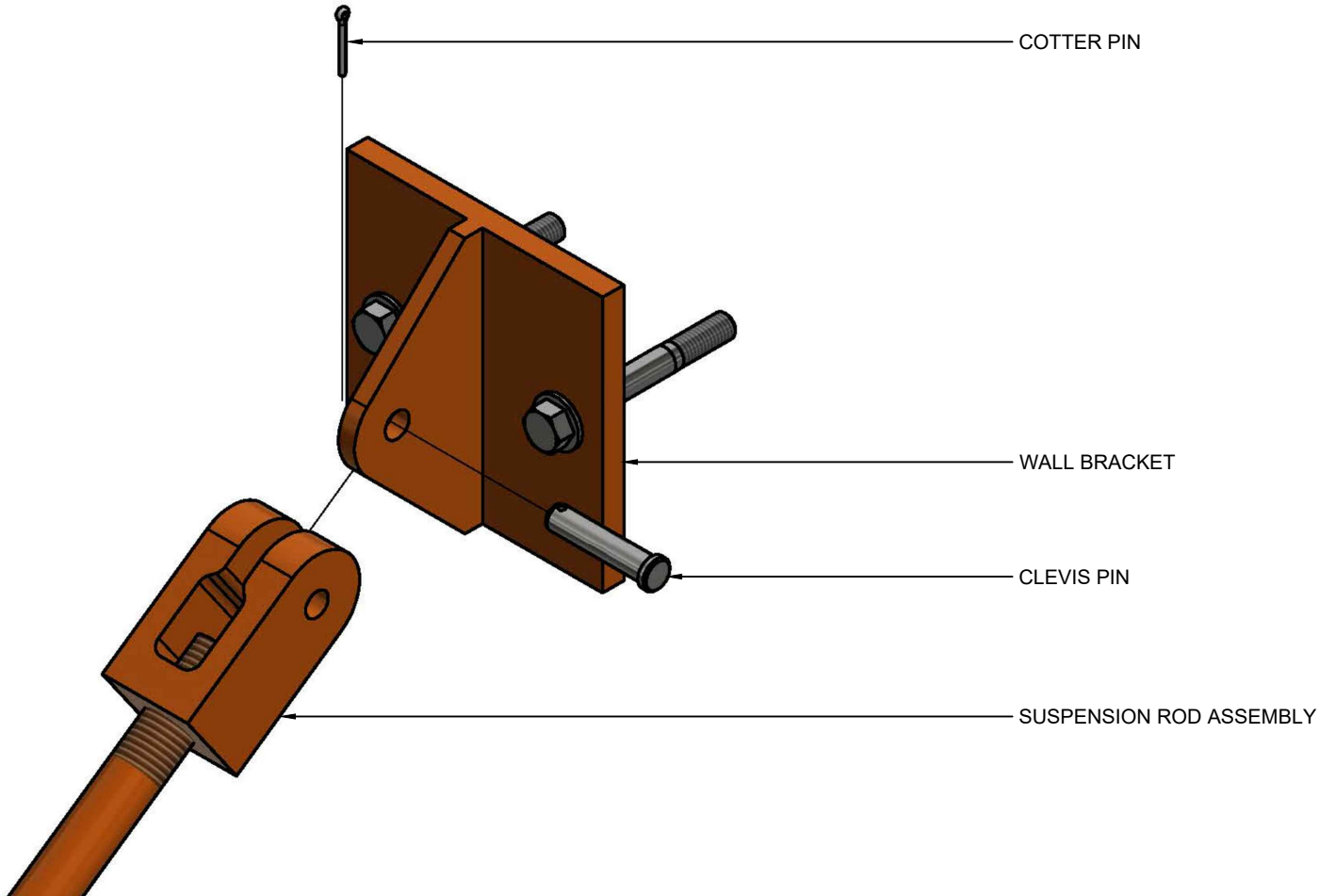
Wall Bracket Anchorage

1. Make marks at proper elevation for the top and/or bottom of the wall brackets.
 - Consult the Industrial Louvers prepared submittal drawings and the architectural drawings to determine proper elevation.
2. Snap horizontal lines at marks made in Step 1.
3. Mark the lateral center line location for all wall brackets.
 - Consult the Industrial Louvers prepared submittal drawings for bracket spacing.
 - Consider laying out brackets from the middle of the canopy to ensure symmetry with adjacent building features.
4. Drill pilot holes for anchors.
 - Consult anchor manufacturer's product data for proper substrate preparation.
 - Use wall bracket as a template.
5. Install anchors per anchor manufacturer's recommendations.



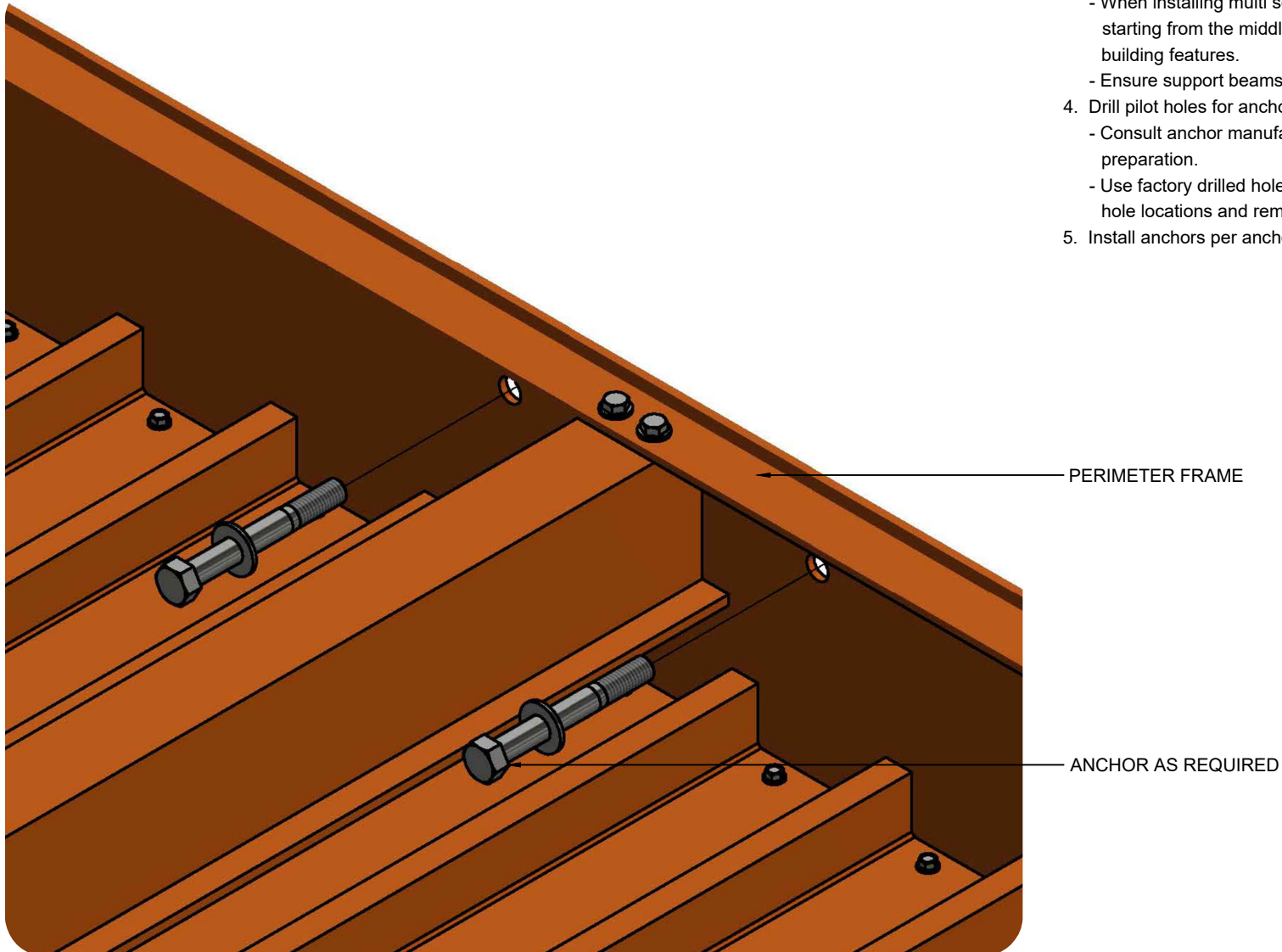
Suspension Rod Installation

1. Install one suspension rod assembly at each wall bracket with 1/2" diameter clevis pins and cotter pins.



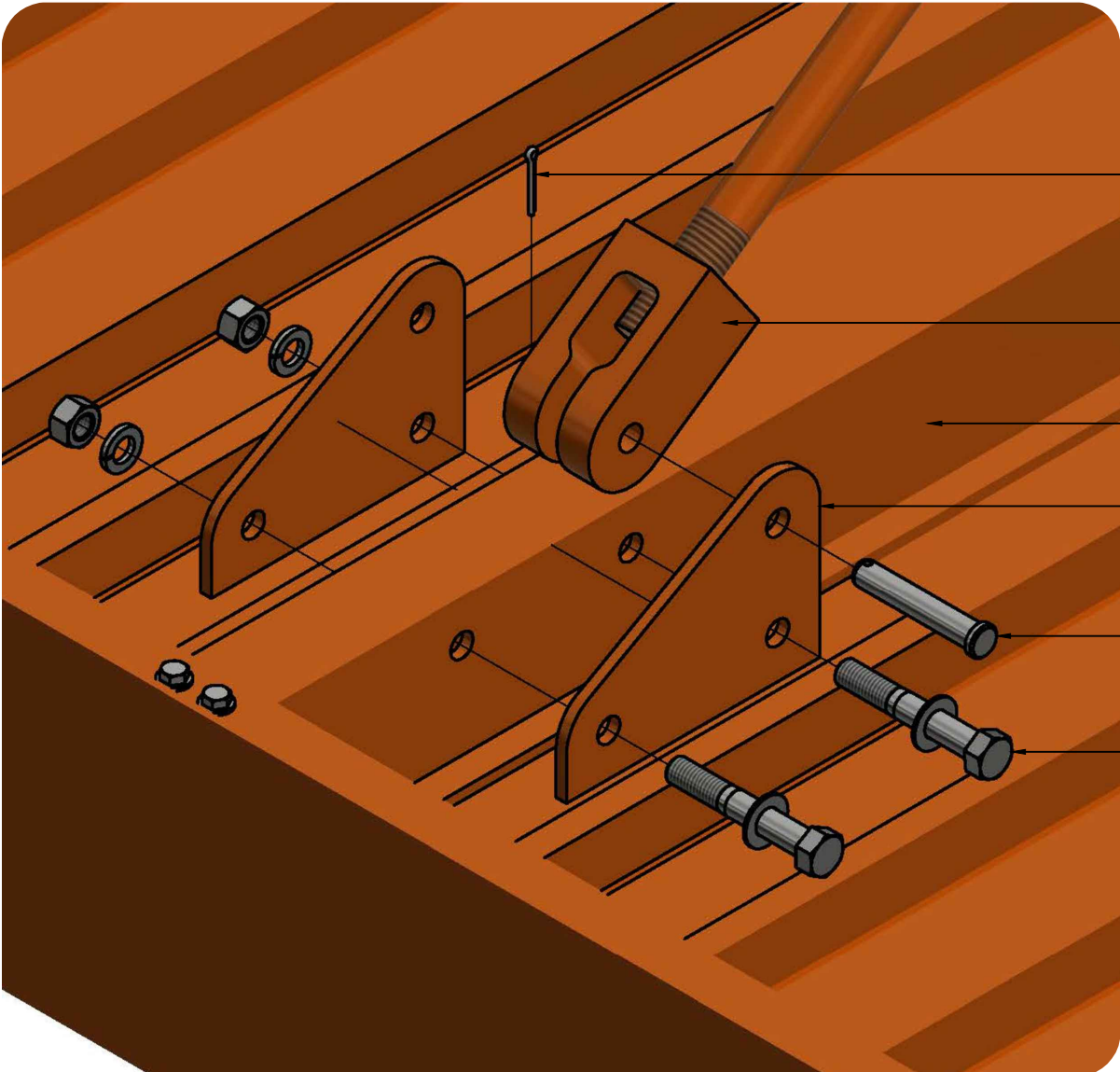
Frame Anchorage

1. Make marks at proper elevation for the top and/or bottom of the canopy perimeter frame.
 - Consult the Industrial Louvers prepared submittal drawings and the architectural drawings to determine proper elevation.
2. Snap horizontal lines at marks made in Step 1.
 - Snap line for perimeter frame may be adjusted to allow for lateral canopy slope. Make sure the water discharge location is the lowest point of the canopy.
3. Move canopy assembly into position using snap lines from Step 2 as a reference.
 - When installing multi section assemblies consider installing units starting from the middle to ensure symmetry with adjacent building features.
 - Ensure support beams are aligning with wall brackets.
4. Drill pilot holes for anchors.
 - Consult anchor manufacturer's product data for proper substrate preparation.
 - Use factory drilled holes in perimeter frame as a template, or mark hole locations and remove canopy assembly prior to drilling holes.
5. Install anchors per anchor manufacturer's recommendations.



Suspension Rod Bracket Installation

- 1. Install two suspension rod brackets at each hanger beam with two 1/2" diameter thru bolts.
- 2. Install suspension rod assembly between brackets with 1/2" diameter clevis pin and cotter pin.



COTTER PIN

SUSPENSION ROD ASSEMBLY

HANGER BEAM

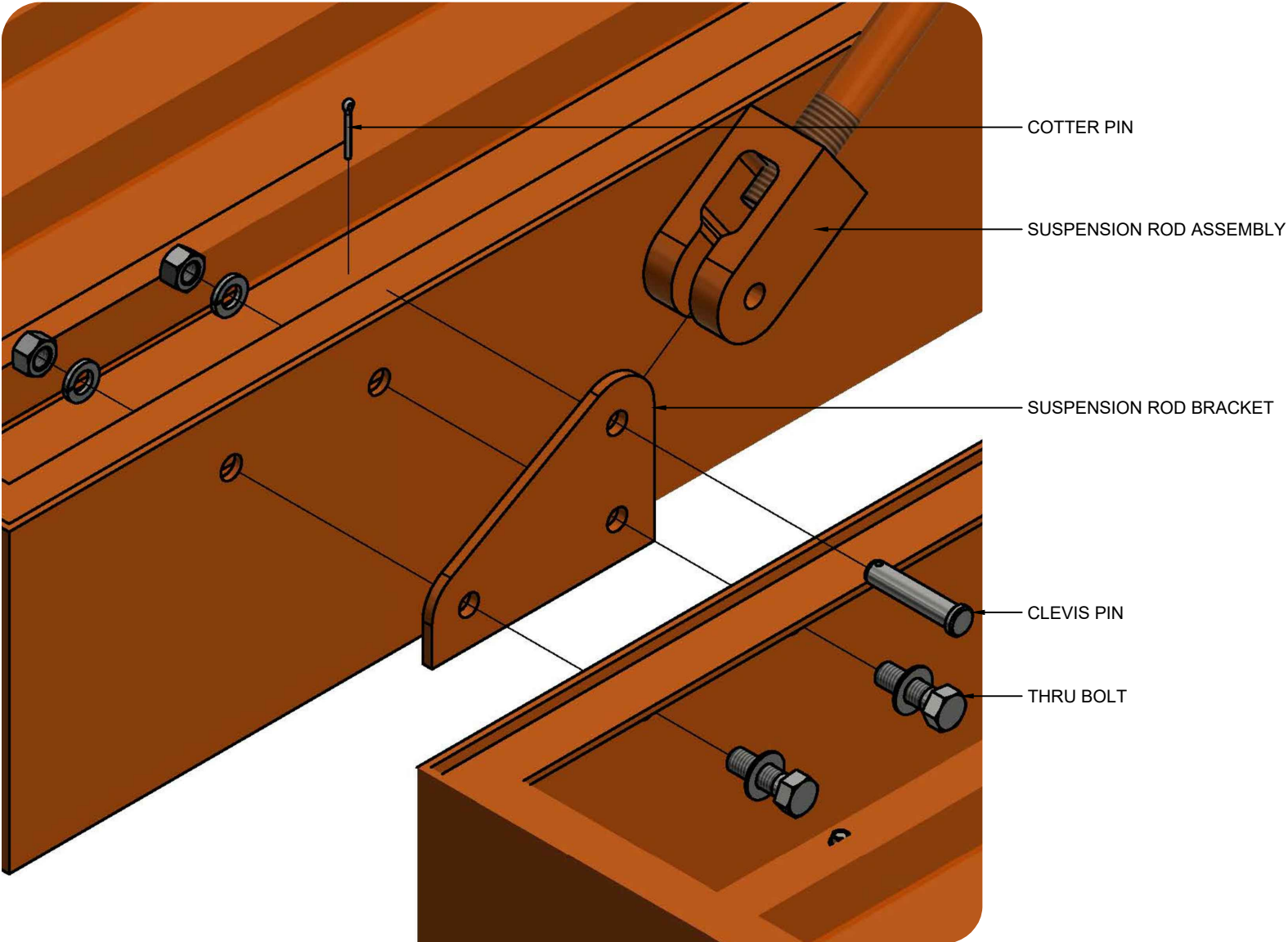
SUSPENSION ROD BRACKET

CLEVIS PIN

THRU BOLT

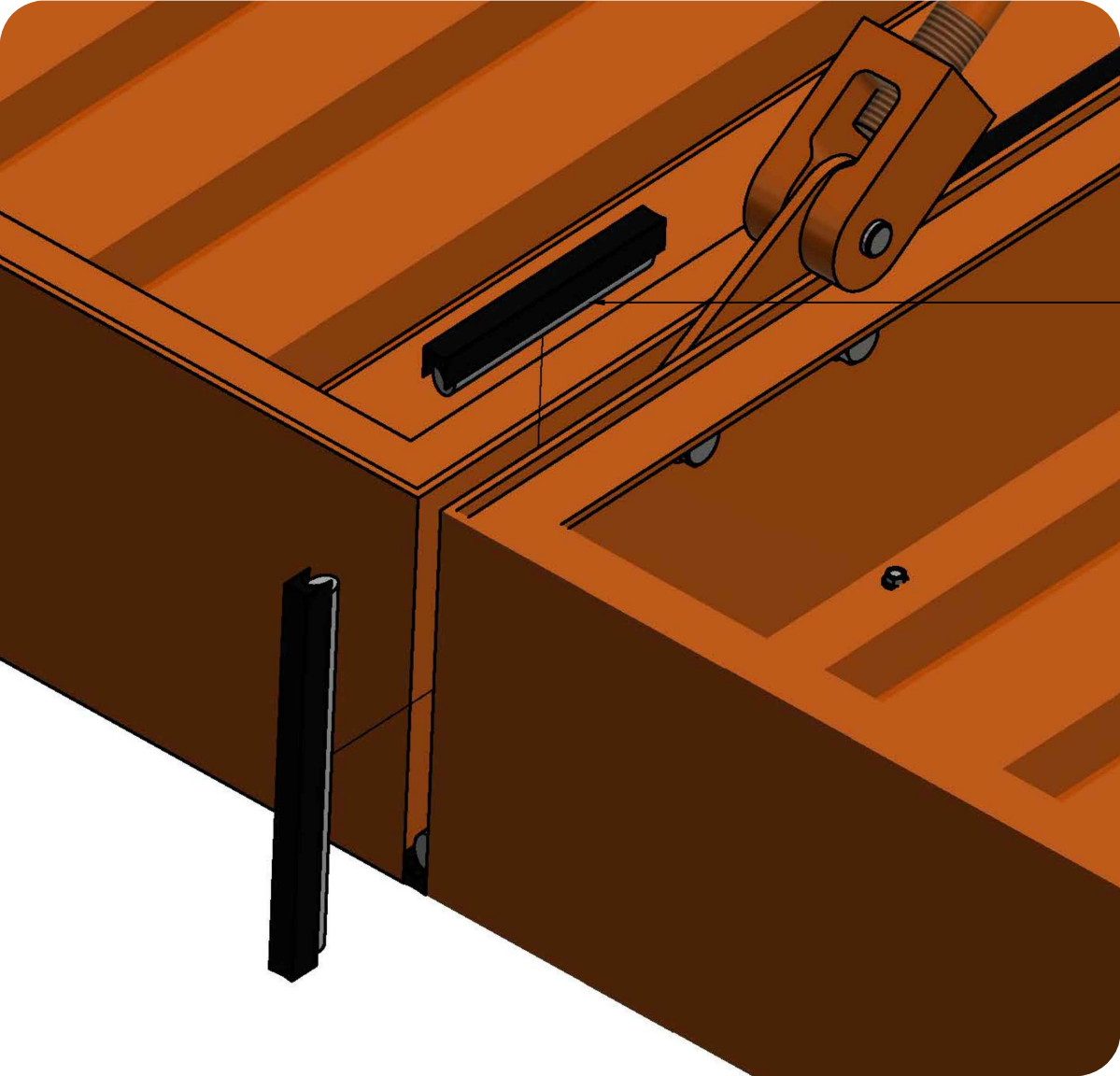
Suspension Rod Bracket Installation

- 1. Install one suspension rod bracket at each section splice with two 1/2" diameter thru bolts.
- 2. Install suspension rod assembly onto brackets with 1/2" diameter clevis pin and cotter pin.



Weather Proofing

- 1. Insert backer rod into space between canopy sections.
- 2. Install sealant between canopy sections.
- 3. Install adjacent flashing and sealant as necessary to prevent water leakage.



BACKER ROD AND SEALANT