

An overview of the installation:

A factory assembled framework will be provided that includes the main center post, with "T" profiled vertical members attached via welded horizontal posts. Lower support brackets (for fastening the assembled framework to the floor) are factory attached, and horizontal posts are welded in place to support the light fixtures and canopies. Fabricated metal plates are factory installed and act as supports for electrical and data boxes. - See Item #1

Installation begins with the positioning of the assembled framework in the desired location. An upper main center support section is field cut to the appropriate floor to deck height less 1 1/2" for future deflection. - See Item #2

The field cut center support section is attached to the factory assembled framework with four splice plates. Splice plates slip into place and are secured with fasteners. - See Item #3

Floor gussets are secured to the floor with appropriate fasteners. - See Item #4

The upper support gussets are attached to the main support section with splice plates that allow the main support section to move independent of the gussets. Gussets are then attached to the decking with appropriate fasteners. - See Item #5

After the main assembly has been secured to the floor and deck, six electrical boxes are positioned and secured to the metal plates on the main support center post. - See Item #6

The unit can then be wired as required, including wiring for the light fixtures that extends along the horizontal posts, where they will be connected to the lights later in the installation.

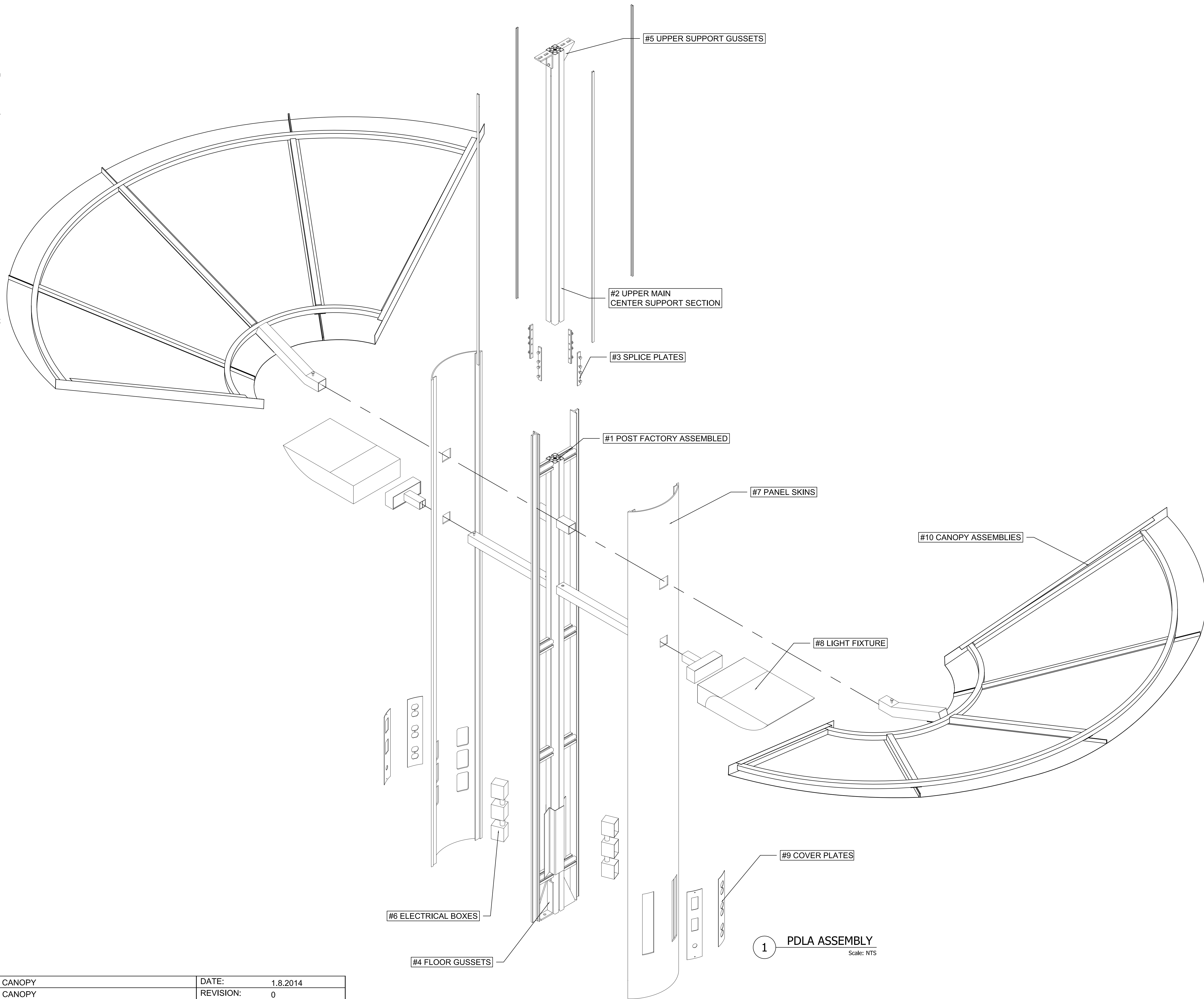
Once wiring is completed, panel skins are installed. Panels skins are aluminum with factory provided cutouts for the electrical and data boxes, and for the horizontal light and canopy support brackets. Panel skins include hook and loop fasteners along their vertical edges. Panels are positioned to align the precut holes with the horizontal support posts, then slipped into place until they meet the main framework. Mating material for the hook and loop fasteners are factory installed on the framework - panels are locked in place by pressure applied along their vertical edges which engages the hook and loop and holds the panel skins firmly in place. Since carpeting is to be installed after the skins are applied, it is suggested that small shims be placed under the panel skins and are to be removed later forming a small slot to insert the carpeting. - See Item #7

Light fixtures (supplied by the owner) are then wired to the unit and installed by placing the light fixture tubing over the horizontal support posts and securing in place with fasteners. - See Item #8

Cover plates are installed over the electrical and data boxes. - See Item #9

Canopies are factory assembled units consisting of a framework with perforated metal panels attached. Assembled units are installed similar to the light fixtures - tubing on the canopies slips over the horizontal support posts on the factory assembled framework and are held in place with fasteners. - See Item #10

Care should be taken to make all necessary alignment adjustments and the entire assembly wiped clean.



1 PDLA ASSEMBLY
Scale: NTS