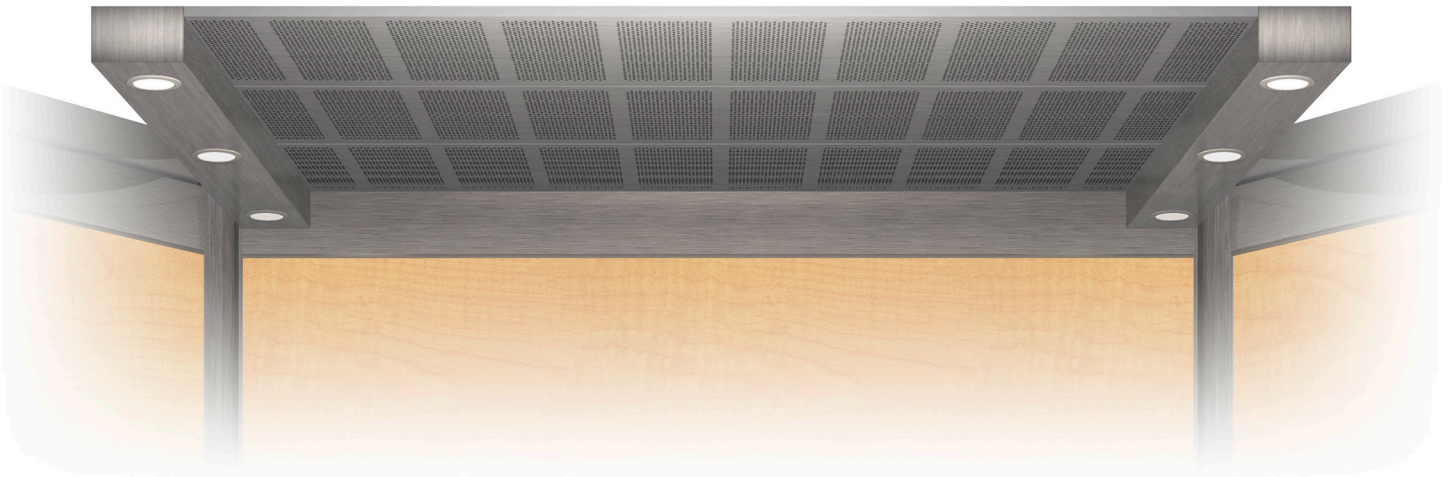




BLUE MOUNTAIN CEILING

MODEL:
BLUE MOUNTAIN (PERFORATED PANS)
NORTH STAR (SOLID PANS)

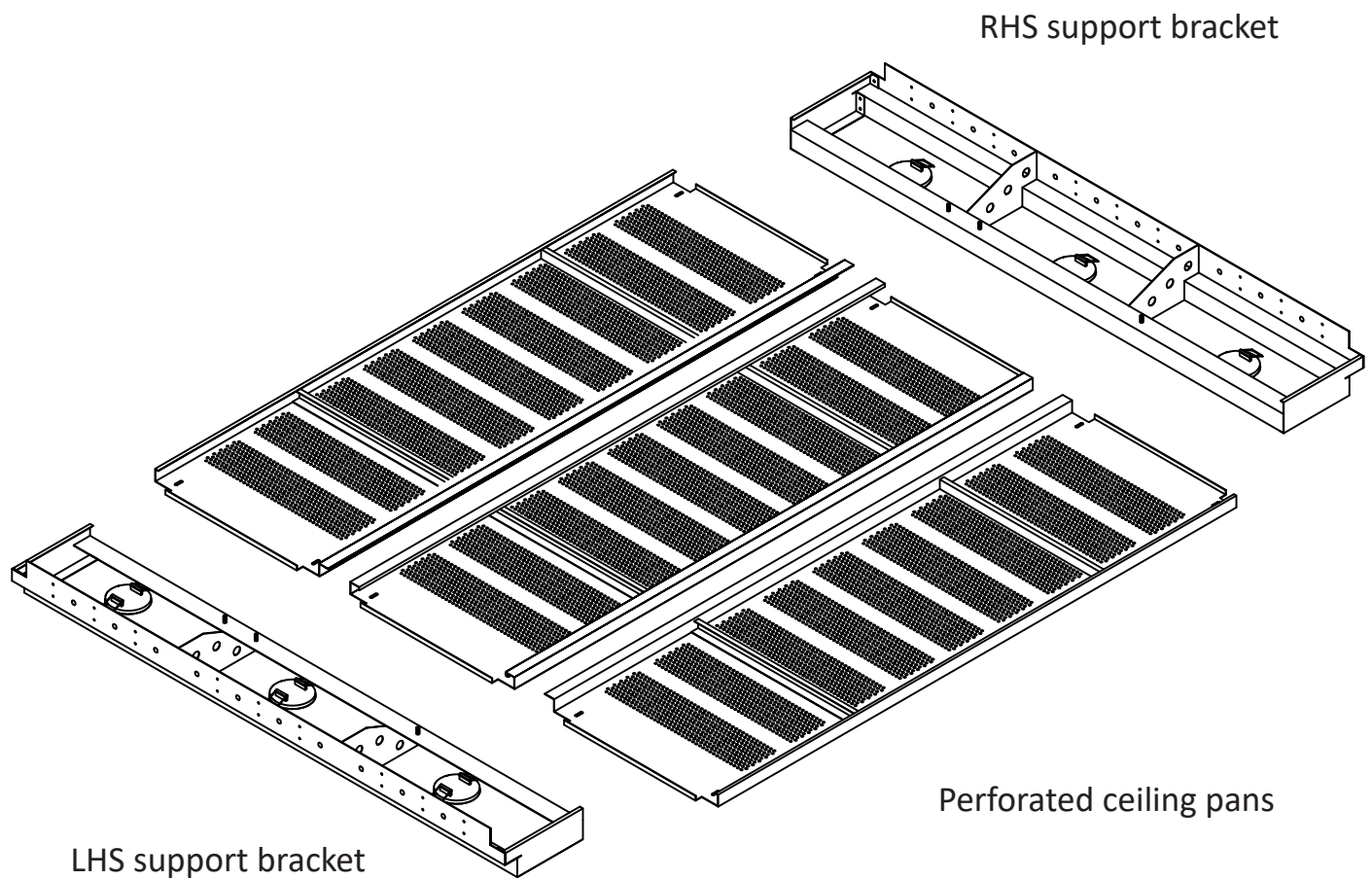
INSTALLATION INSTRUCTIONS



TOOLS REQUIRED

- Measuring Tape
- Drill
- Ladder
- 3" Paint Brush and latex paint for painting the perimeter of the canopy (If required)

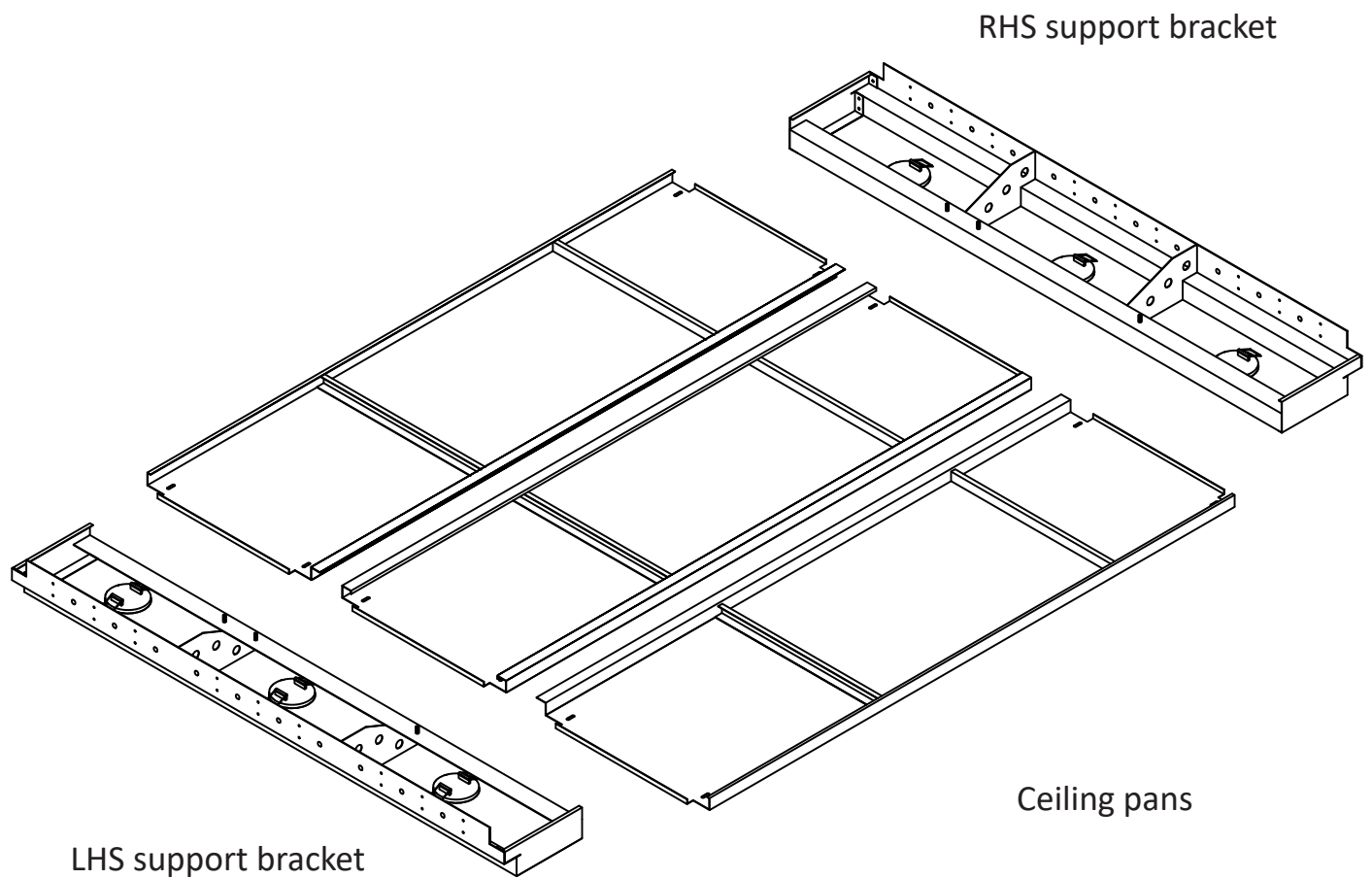
CAB COMPONENTS TO BE INSTALLED (BLUE MOUNTAIN)



TOOLS REQUIRED

- Measuring Tape
- Drill
- Ladder
- 3" Paint Brush and latex paint for painting the perimeter of the canopy (If required)

CAB COMPONENTS TO BE INSTALLED (BLUE MOUNTAIN)



SECTION 1: UNPACKING

- 1.1. When your new ceiling arrives, transport it near to the cab you will be renovating and organize the crates so that they will be easily accessible.

The crates contents are itemized on its surface.

- 1.2. Carefully un-crate the ceiling package, making sure that none of the components are damaged.
- 1.3. Check the colours, features, and dimensions of the components against your order before you begin removing the existing elevator ceiling.

If you have any questions at this point, contact ECR before going ahead with any part of the installation.

For technical support on the Bristol Ceiling installation, please contact us at:

Elevator Cab Renovations
Office: (613) 745-4870
Toll Free: 1-877-745-4870
ecr@elevatorcabs.ca

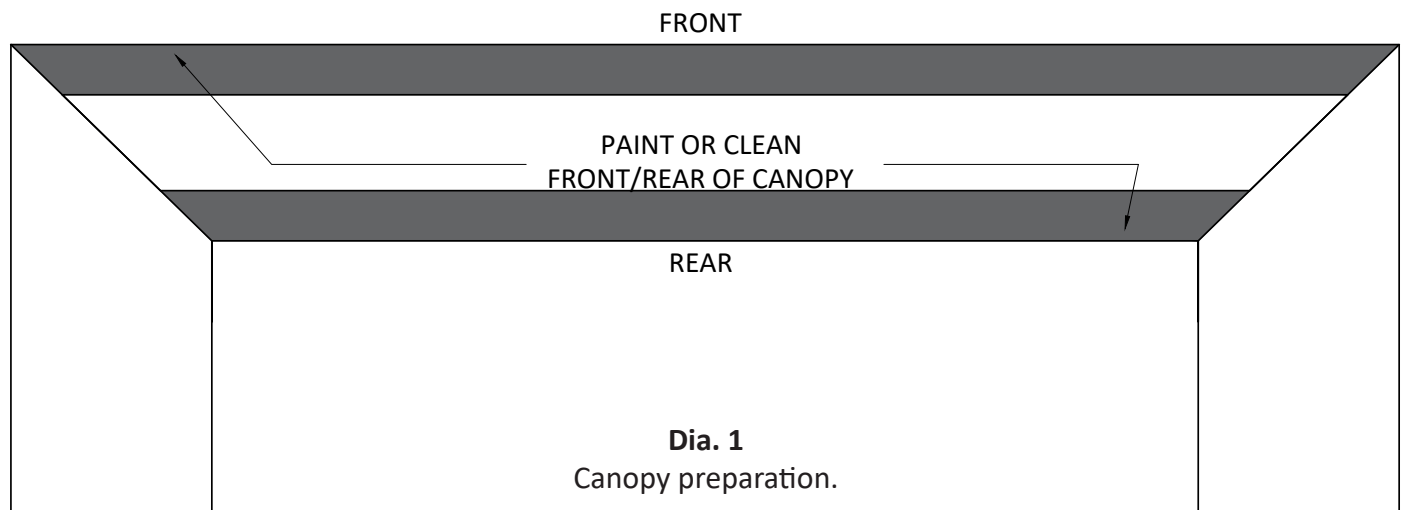
Office Hours : 6:30 AM to 3:30 PM Eastern Standard Time

SECTION 2: PREPARE FOR THE CEILING INSTALLATION

- 2.1. Unless specified otherwise, your new ceiling will be inset from the front and rear shell walls by approximately 2". Please consult drawings accompanying ceiling.
- 2.2. Prepare canopy surface to accept the new ceiling by completing one of the following options
 - a) Sand, clean and re-paint the front and rear of the canopy with a desired color. Black or white are typical for this type of application
 - b) If the canopy is in good condition, a simple cleaning may be all that is required.



Note: It is suggested that for both options a or b, a minimum of 6" on the front and rear of the canopy should be addressed by the process chosen.



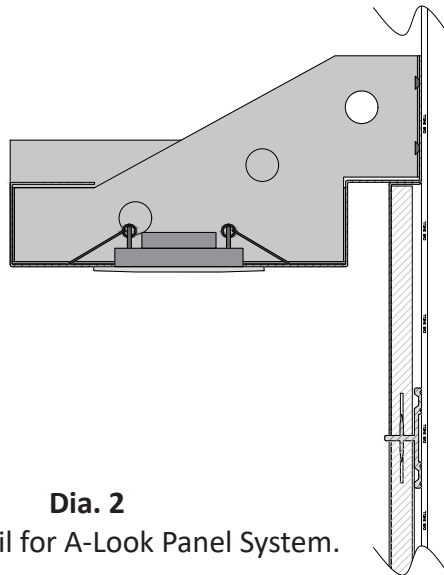
SECTION 3: INSTALL CEILING SUPPORT BRACKETS

- 3.1. The blue mountain ceiling is designed to sit on the top cap of ECR cab finishes. This will set the ceiling height correctly, however the support brackets can be installed closer to the canopy if more clearance is desired (the bottom of the ceiling is typically set at 6" below the canopy).

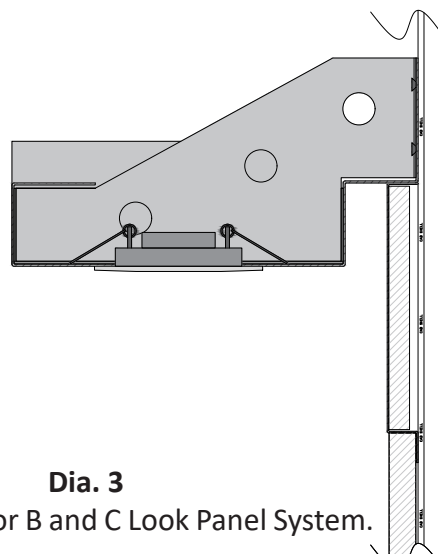


Note: The rear or center ceiling panel must be removable to meet code requirements; if the ceiling is not installed onto the top cap as shown, ensure there is sufficient clearance between the car canopy and ceiling pans (to slide one panel over the other).

- 3.2. Center the ceiling supports with the side walls. Lower the support so it sits on the top caps (Dia. 2, Dia 3).



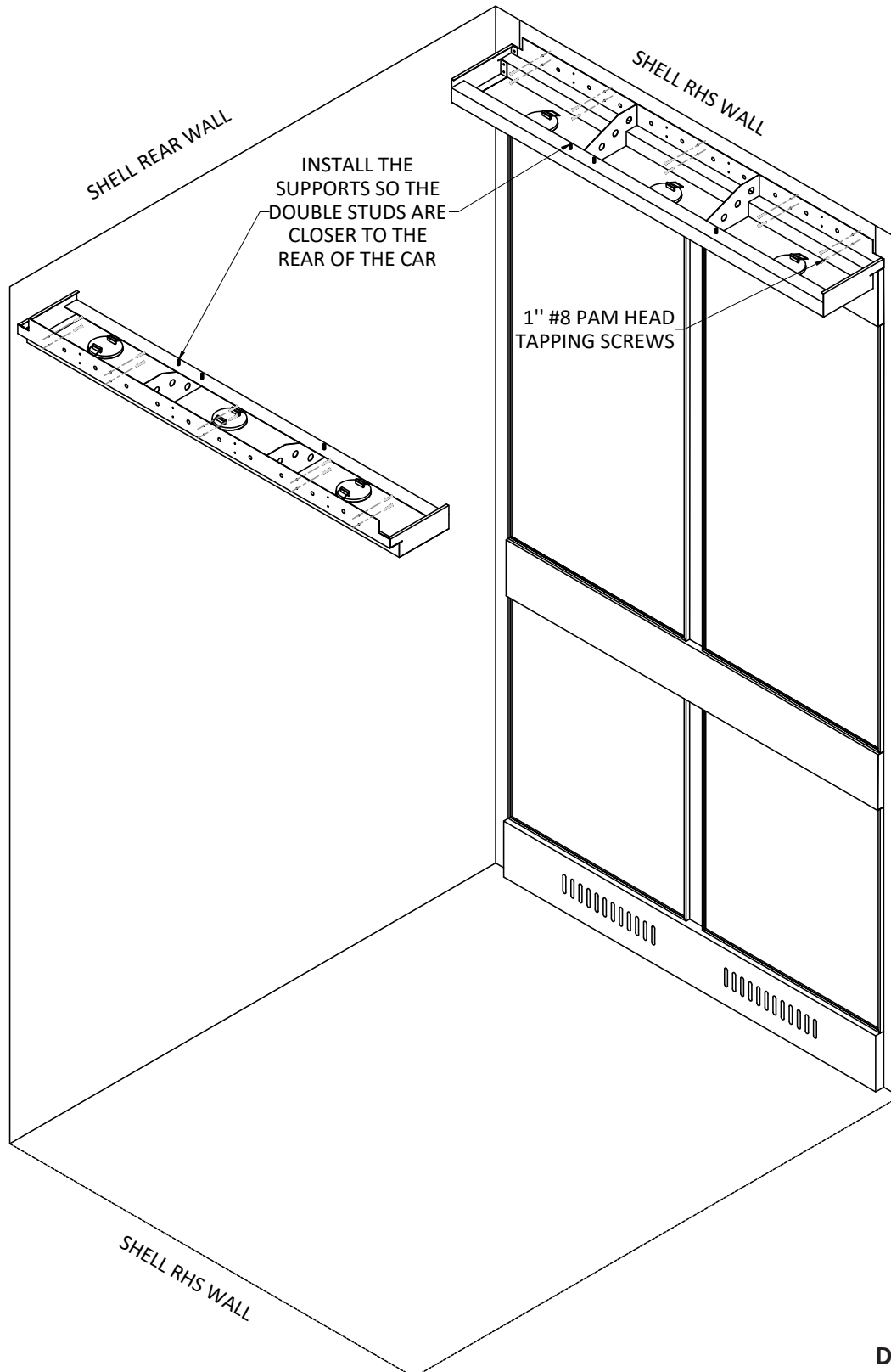
Dia. 2
Top cap detail for A-Look Panel System.



Dia. 3
Top cap detail for B and C Look Panel System.

SECTION 3: INSTALL CEILING SUPPORT BRACKETS

- 3.3. Secure the ceiling supports to the shell walls through the pre punched mounting holes with 1" #8 pan head tapping screw fasteners as shown (Dia. 4).



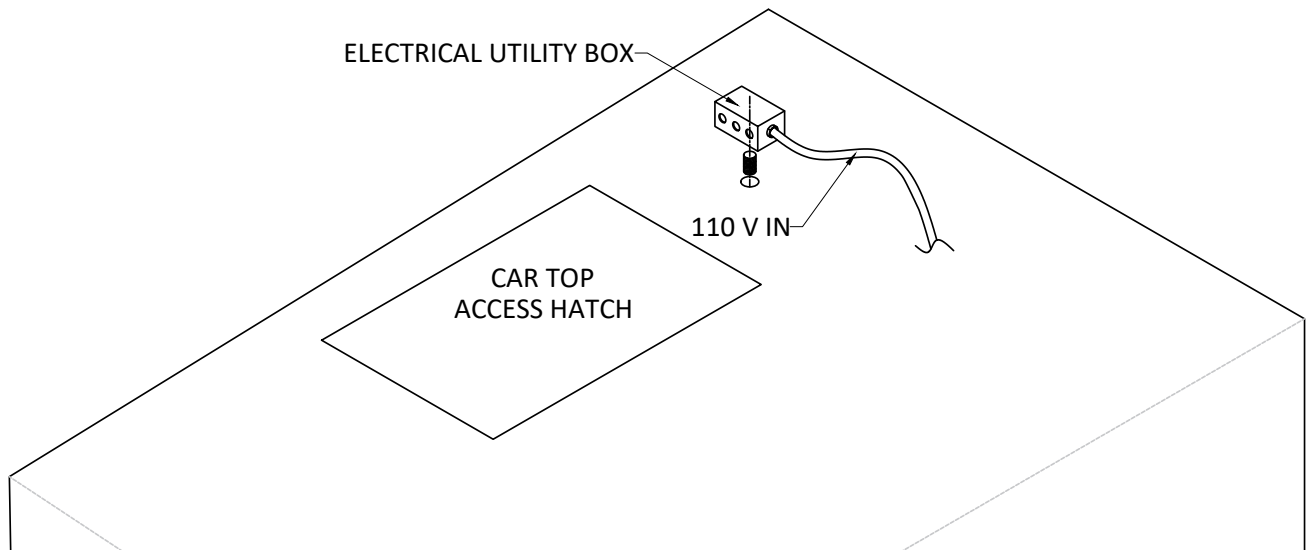
Dia. 4

SECTION 4: ELECTRICAL CONNECTIONS



Before continuing with the ceiling panel installation, it is a good time to prepare the electrical connections.

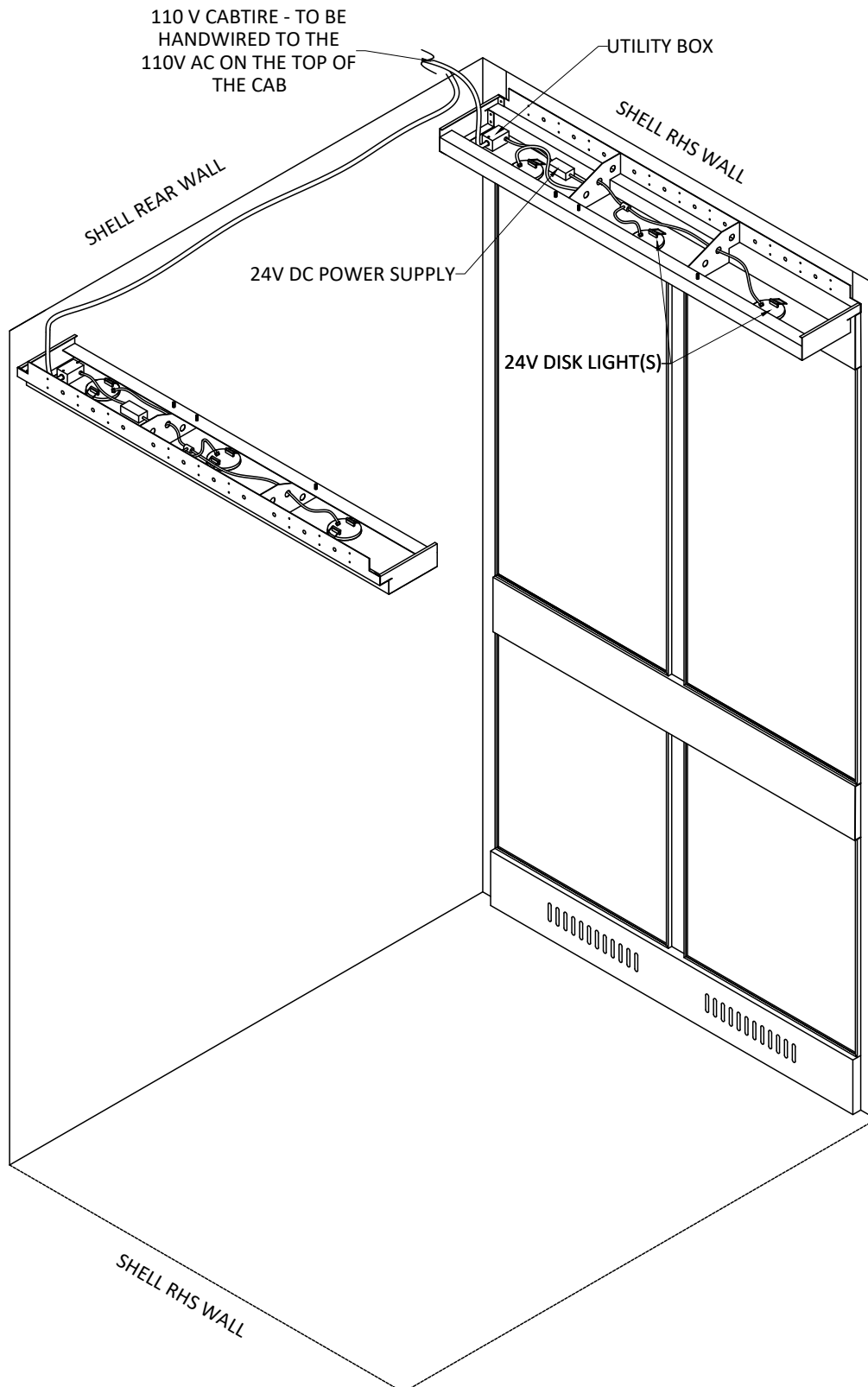
- 4.1. The ceiling power supplies are located within the ceiling supports. Connect the wiring to the individual lights (if they are not connected) using the threaded connectors.
- 4.2. The lighting system runs on 110V AC to a low voltage power supply. The installer must provide 110V to the lighting system. The system can be hard wired (utility box and connectors are provided) (Dia. 5).
- 4.3. Mount an electrical utility box (provided) on top of the canopy (outside on the car), preferably at the rear of the car (near the hatch). This will provide the junction for the 110 V from the car top to the 110 V that will feed the power supplies for the disk lights.



Dia. 5
Electrical box on canopy

SECTION 4: ELECTRICAL CONNECTIONS (CONTINUED)

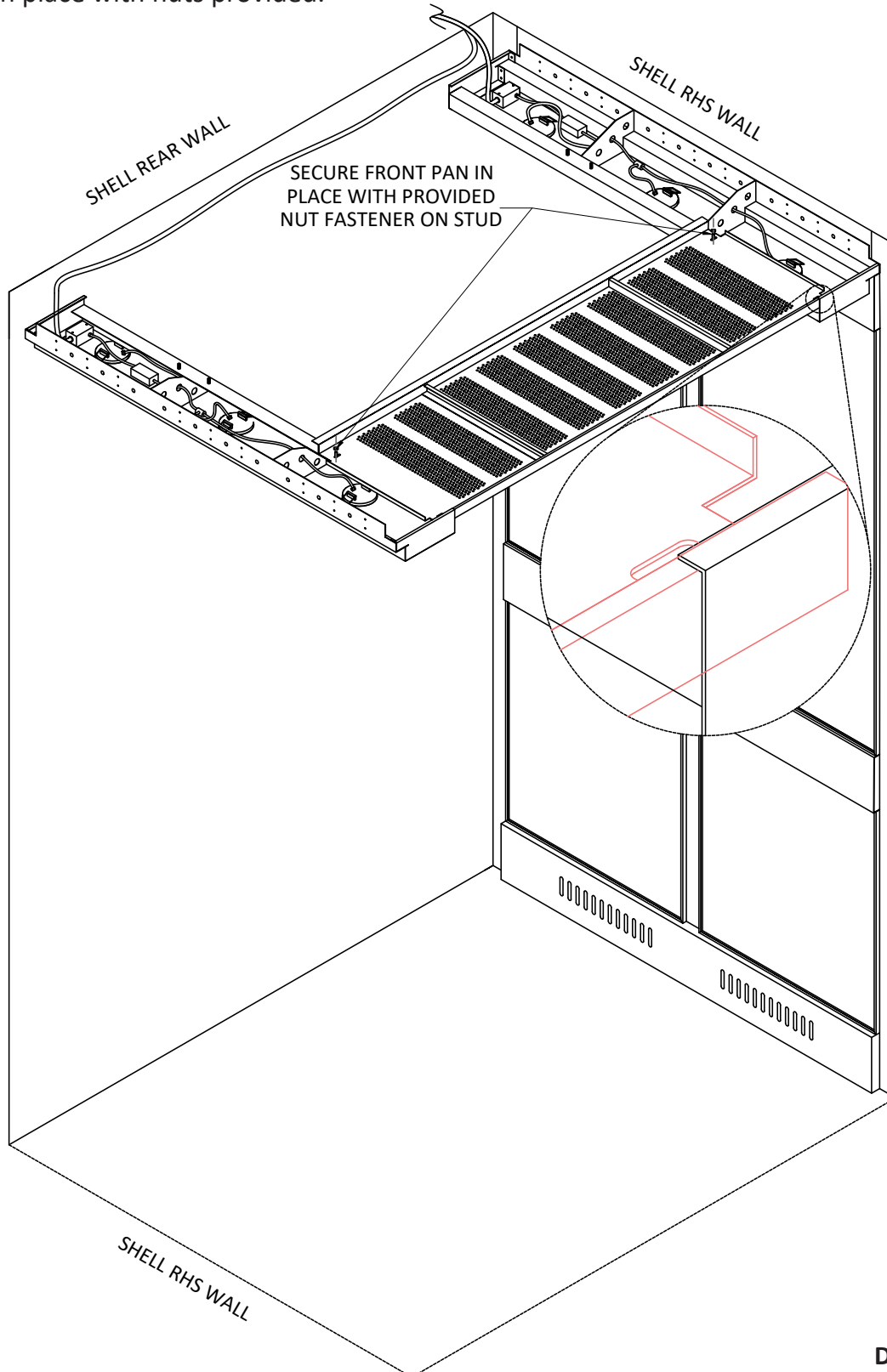
- 4.4. Connect the power supplies to the utility box on the top of the car (Dia. 6). Connect all wiring and proceed with the installation of the pans.



Dia. 6

SECTION 5: COMPLETE CEILING INSTALLATION

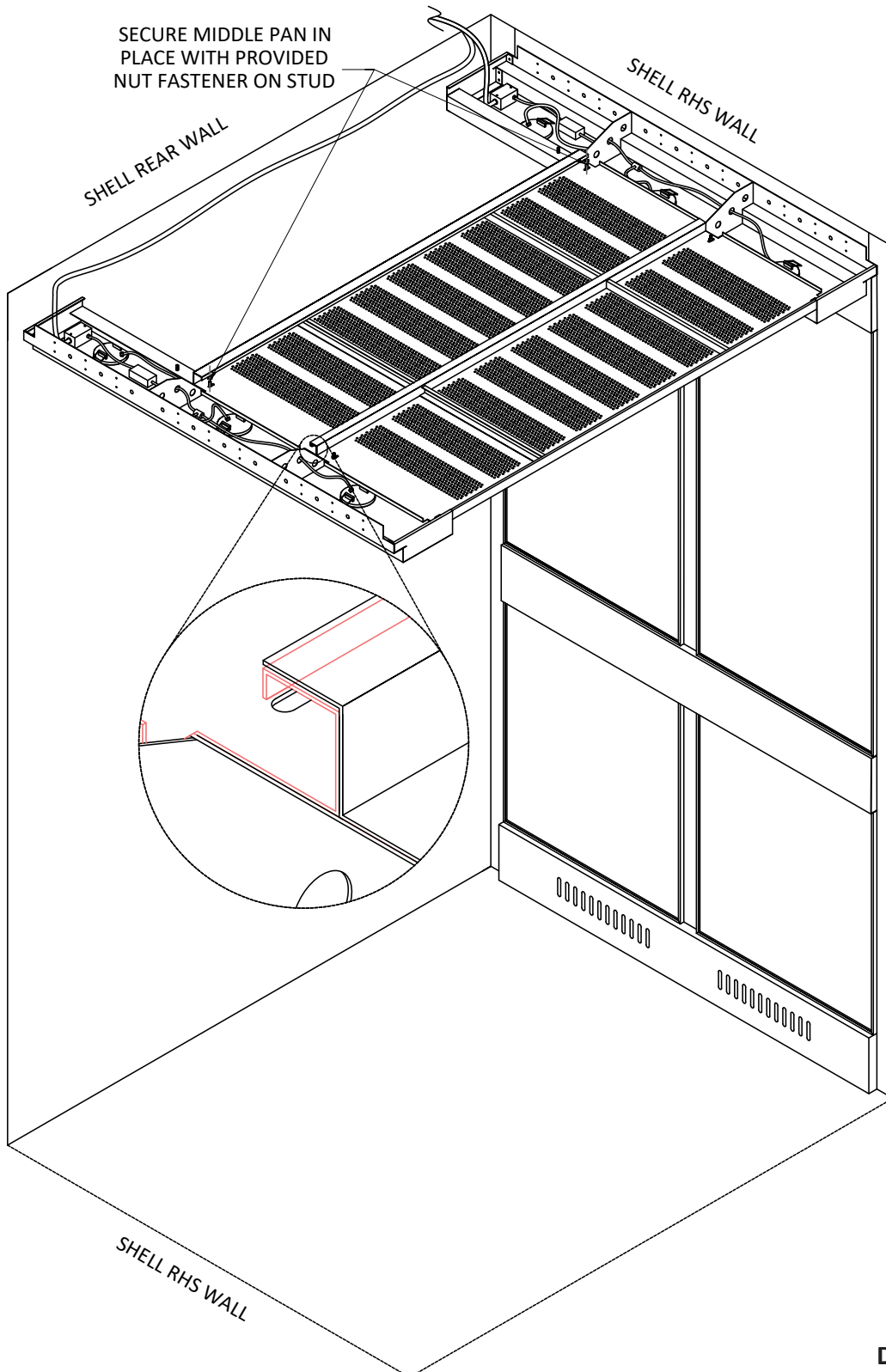
- 5.1. Seat the pan closest to the car front. The pan sits on the studs installed, with the front of the pan going under the bent portion of the capped ends pieces shown (Dia. 7). Secure the pan in place with nuts provided.



Dia. 7

SECTION 5: COMPLETE CEILING INSTALLATION (CONTINUED)

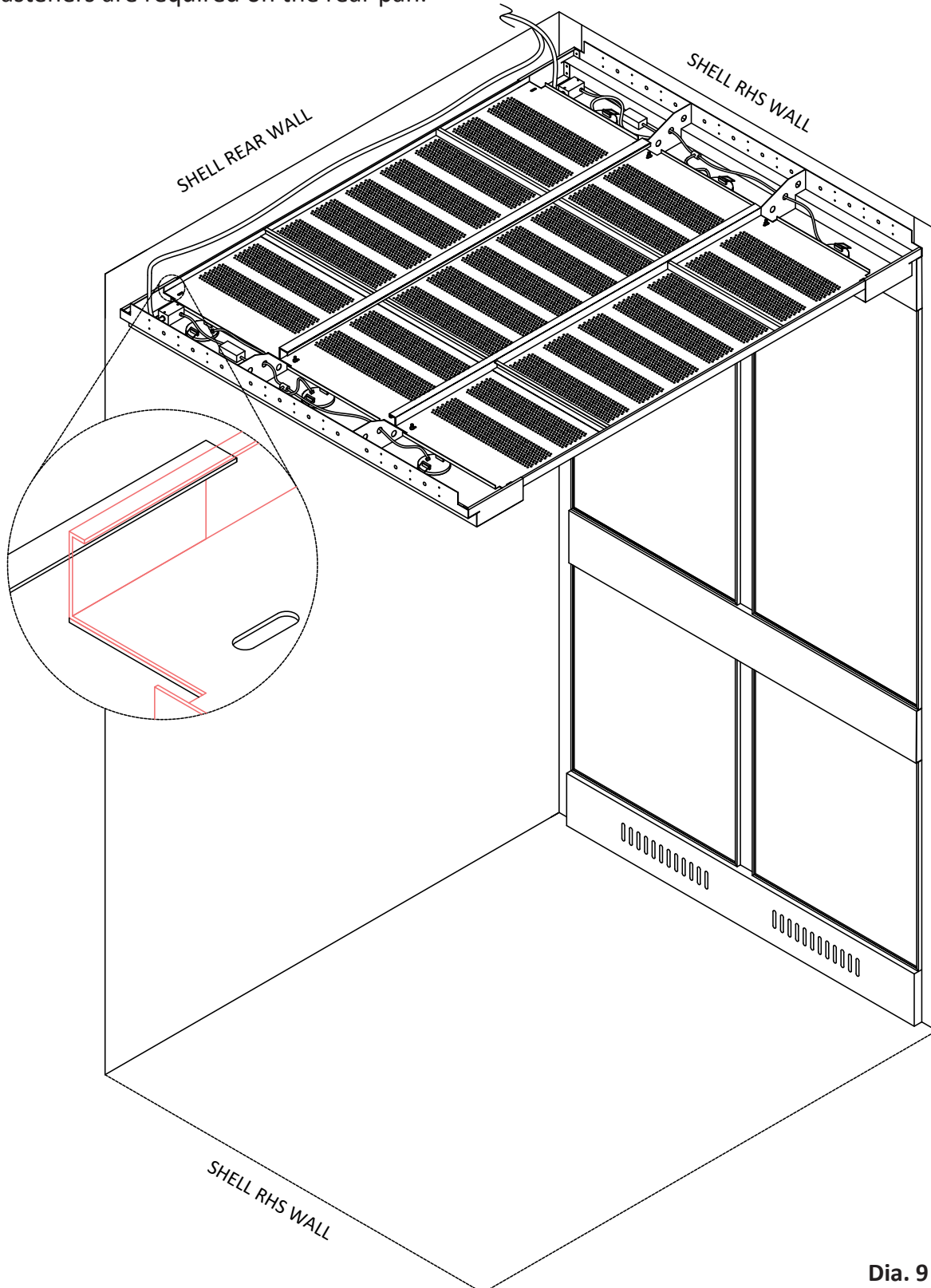
- 5.2. The middle pan is installed similarly; seat the pan under the bent portion of the front pan and lower the pan onto the studs. Secure the pan in place with the nut fasteners provided.



Dia. 8

SECTION 5: COMPLETE CEILING INSTALLATION (CONTINUED)

- 5.3. Complete the ceiling installation by installing the rear pan under the bent portion of the rear end caps and lower the pan onto the studs. The rear pan must be removable, so no nut fasteners are required on the rear pan.



Dia. 9

GLOSSARY

Canopy:

The roof of the cab.

The top structural component of the shell.

The canopy houses the emergency hatch.

The canopy may have various electrical and mechanical components attached to its surfaces, both interior and exterior.

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