

# IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

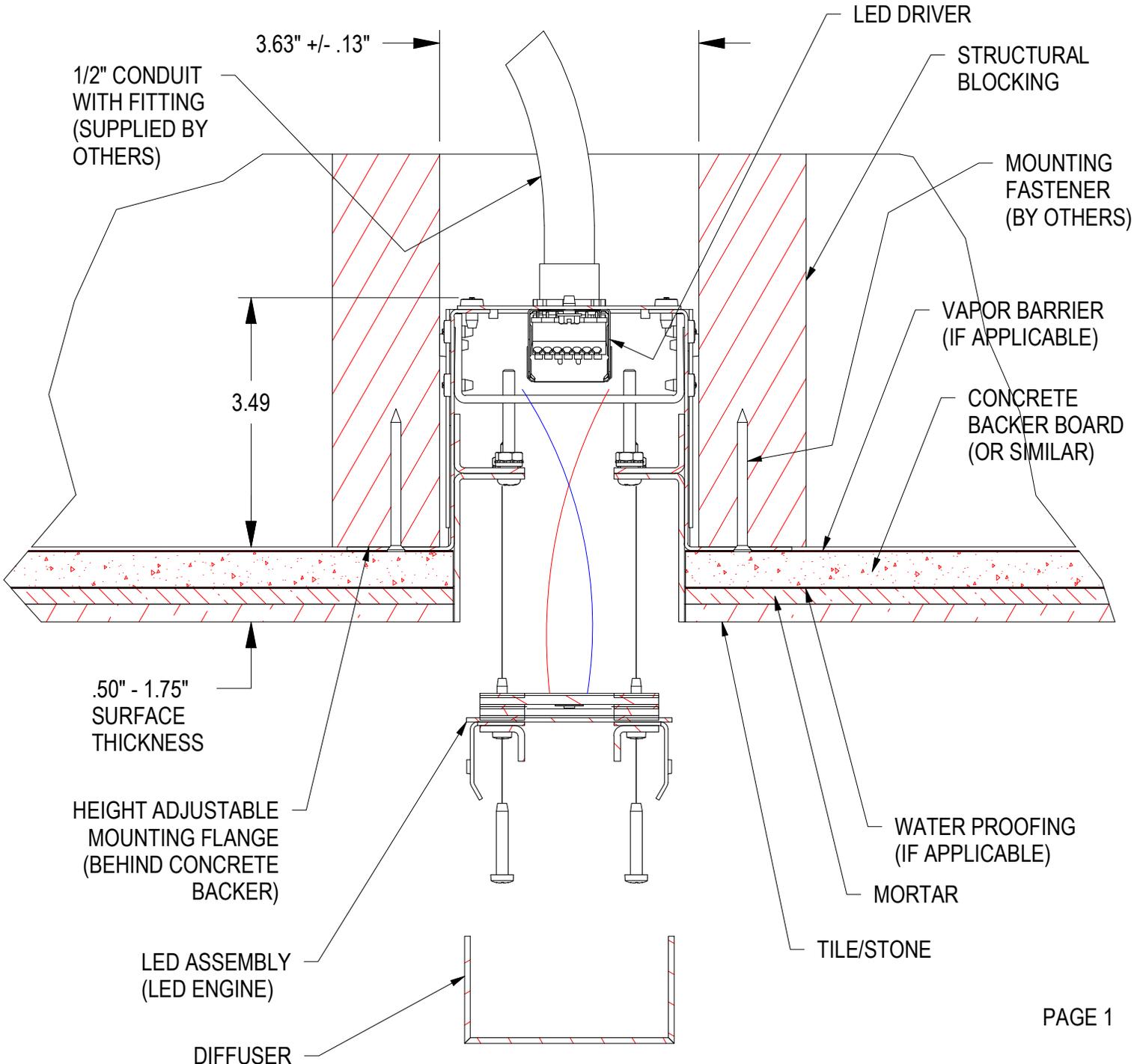
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## TILE-IN HOUSING - GENERAL CONSTRUCTION - LINEAR RUN



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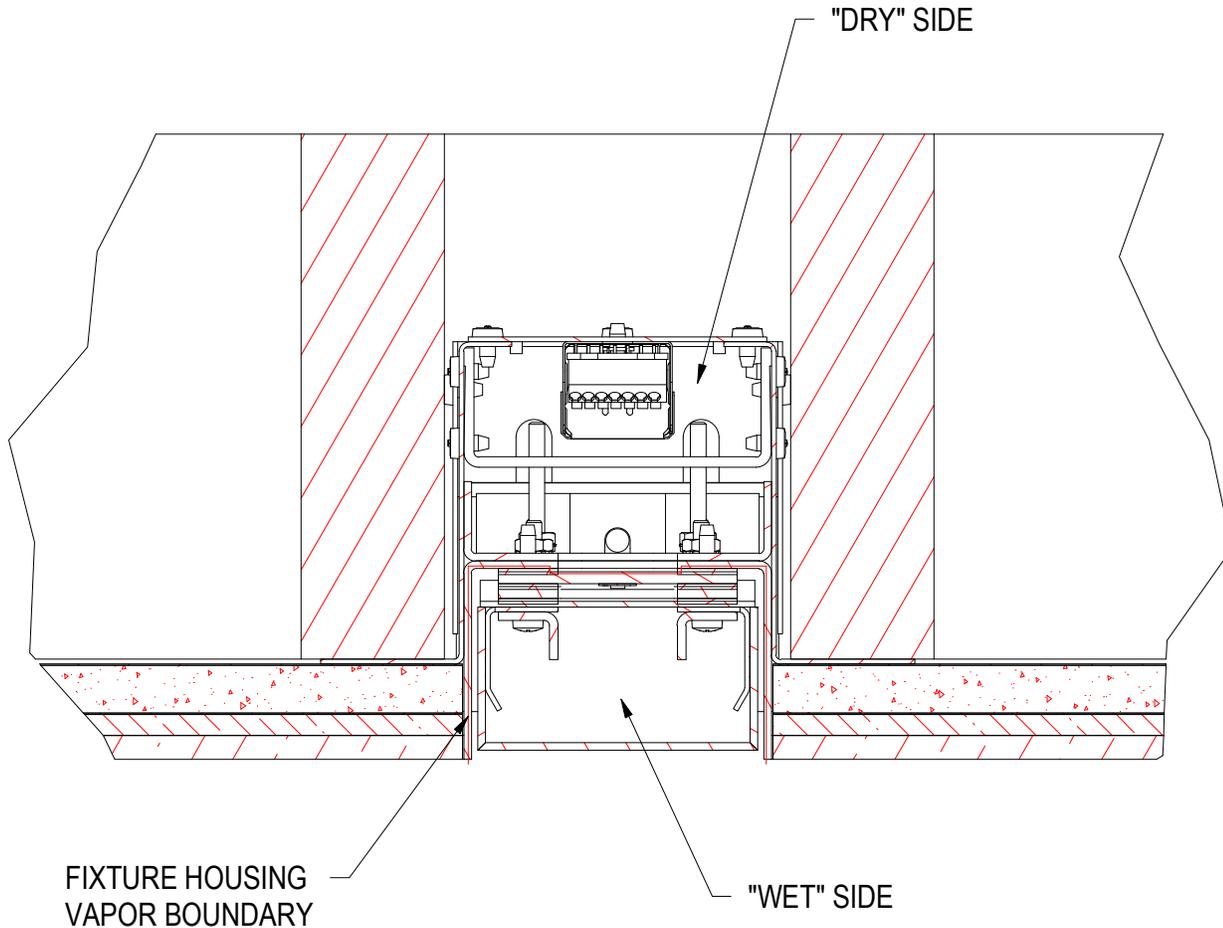
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## TILE-IN HOUSING - WALL/CEILING SYSTEM INTEGRATION

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### VAPOR BARRIER BOUNDARY

To insure building performance integrity, the fixture is to be integrated into any required vapor barrier system. Fixture housing to be sealed to vapor barrier system with methods recommended by system manufacturer.

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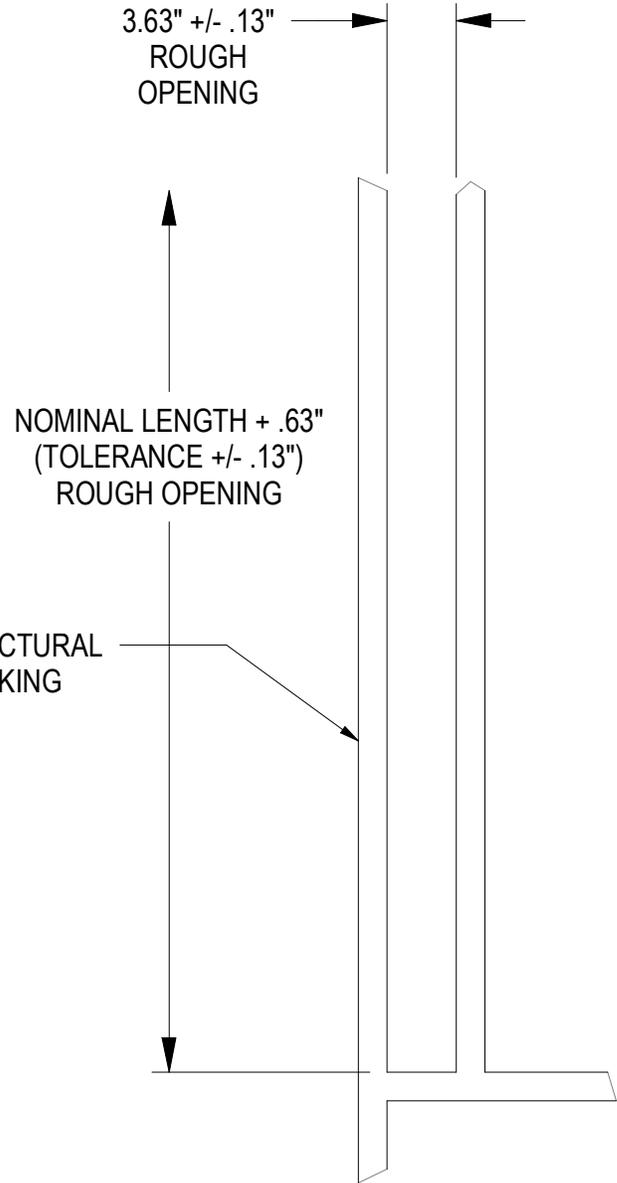
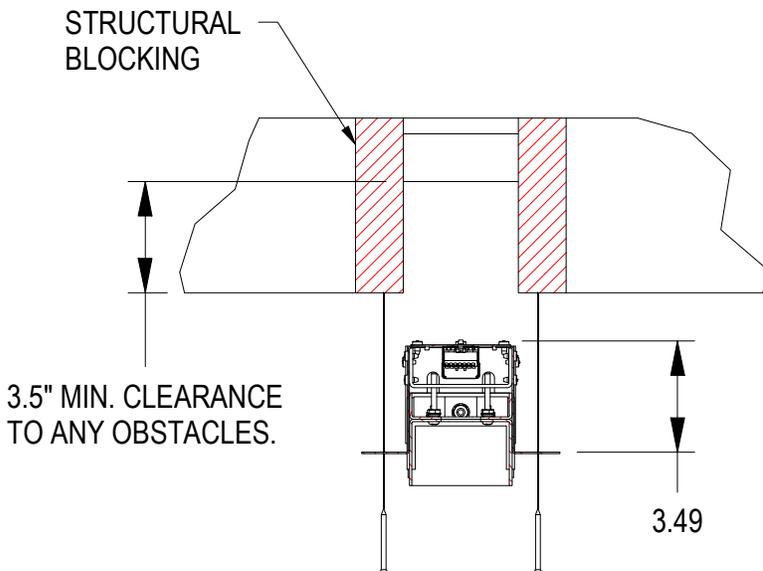
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## TILE-IN HOUSING - ROUGH IN - LINEAR RUN

### CEILING/WALL STRUCTURE

Prepare structural blocking to support recessed fixture to the dimensions shown.

Provide clearance for conduit attachment at any of the knockout locations in run. Knockouts are for 1/2" conduit fittings (.875" diameter.)



### ROUGH-IN MOUNTING DETAIL

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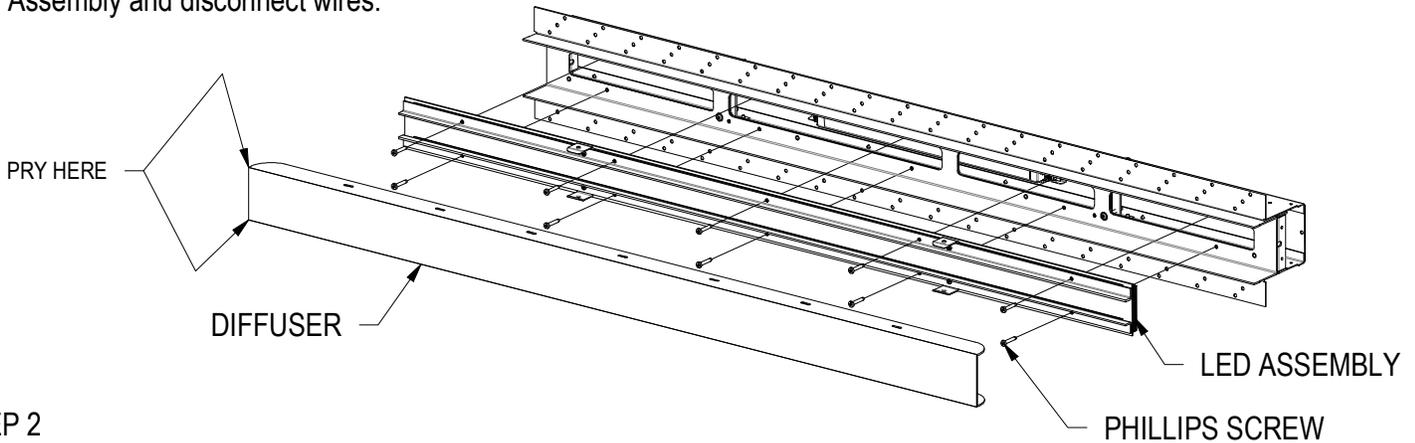
### INSTALLATION INSTRUCTIONS

#### STEP 1

Unpack Fixture to prepare for installation.

Remove acrylic diffuser by carefully prying near the edges of the diffuser at the end. Avoid prying in the center part of the end as this may crack the diffuser.

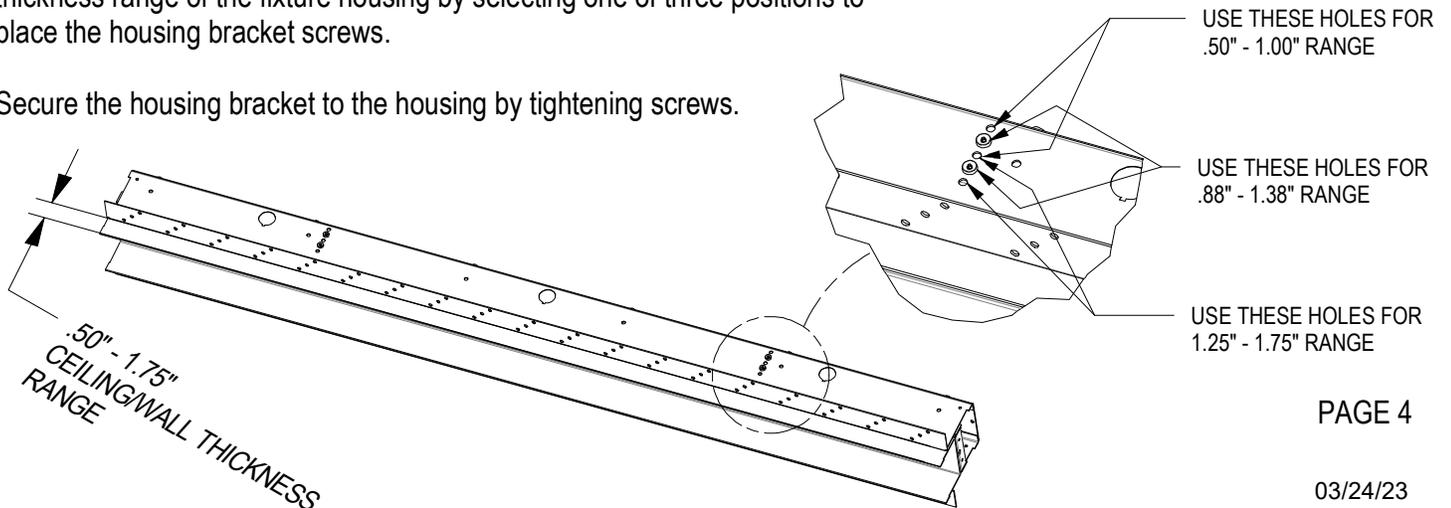
Unthread the Phillips screws holding the LED Assembly to the housing. Lift out LED Assembly and disconnect wires.



#### STEP 2

Determine the approximate thickness of the finished ceiling/wall. Set the thickness range of the fixture housing by selecting one of three positions to place the housing bracket screws.

Secure the housing bracket to the housing by tightening screws.



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## TILE-IN HOUSING - LINEAR RUN

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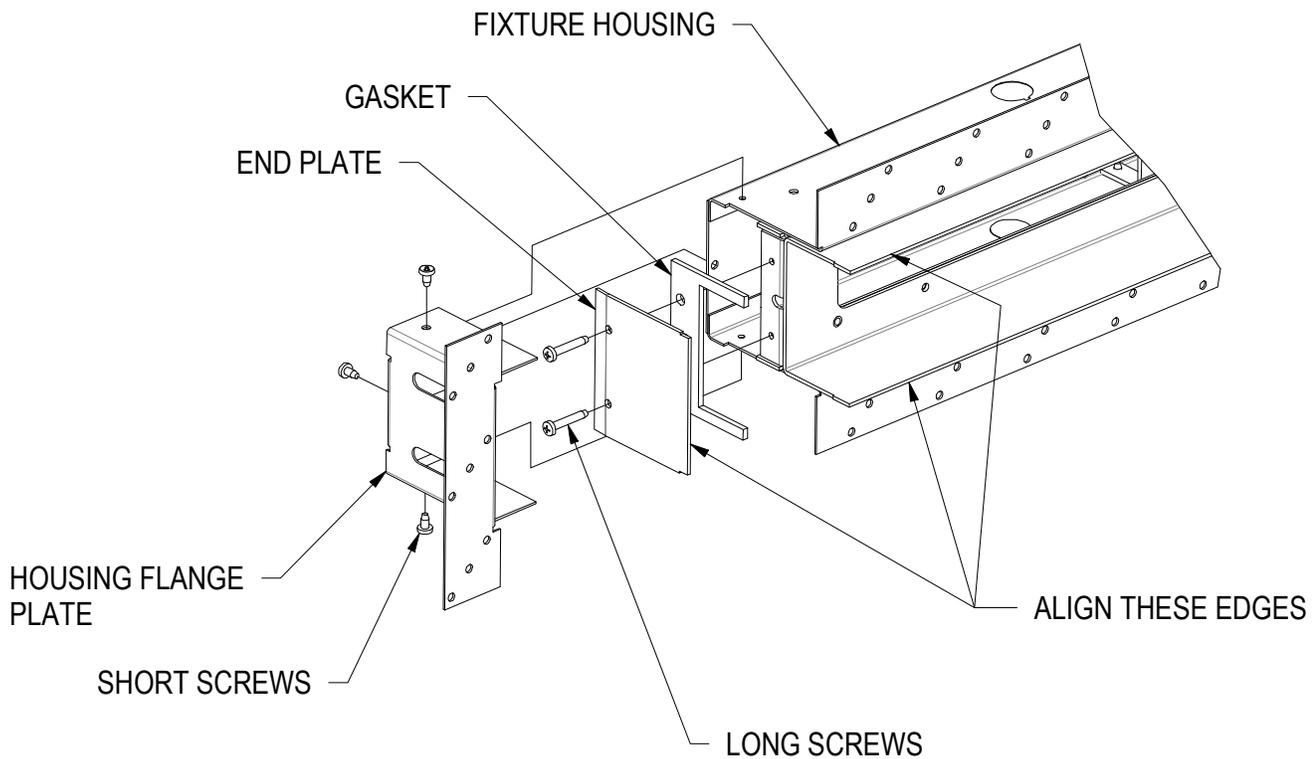
### STEP 3

Fixtures located at the start and end of linear runs require a gasketed end plate.

Remove the backing paper from end plate gasket and adhere to fixture housing. Align the mounting holes and make sure gasket legs are centered on housing sides. Secure end plate to fixture housing with long screws (supplied.) Align housing edges before tightening screws to compress the gasket.

Attach the housing flange plate to end of house with the short screws (supplied.)

Repeat this procedure for the other fixture at the end of linear run.



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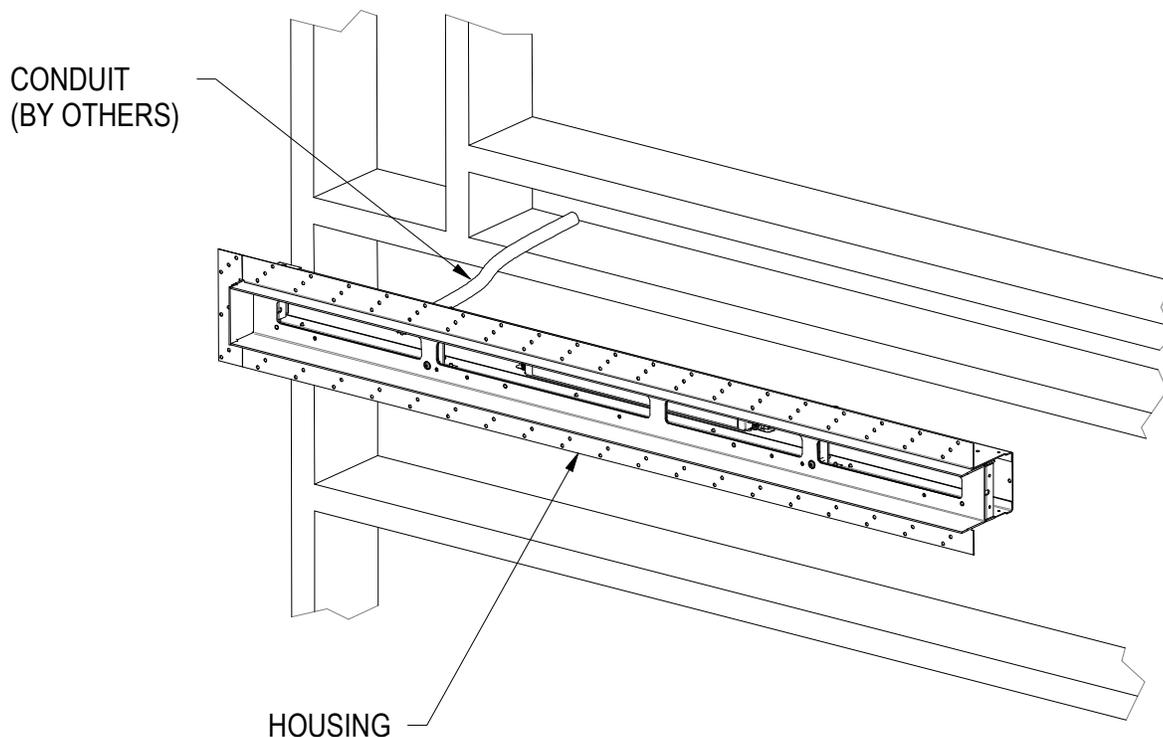
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### STEP 4

Attach conduit (by others) and conduit fitting (by others) to housing. Use factory knock-outs or punch new hole as needed to clear obstacles. Feed through branch circuit wires (by others.)

If applicable, apply recommended seal between housing and vapor barrier. (This may be a sealing compound, tape, caulk, or other method recommended by the vapor barrier manufacturer.)

Position housing into recessed slot and secure flange to surface with fasteners (by others.)



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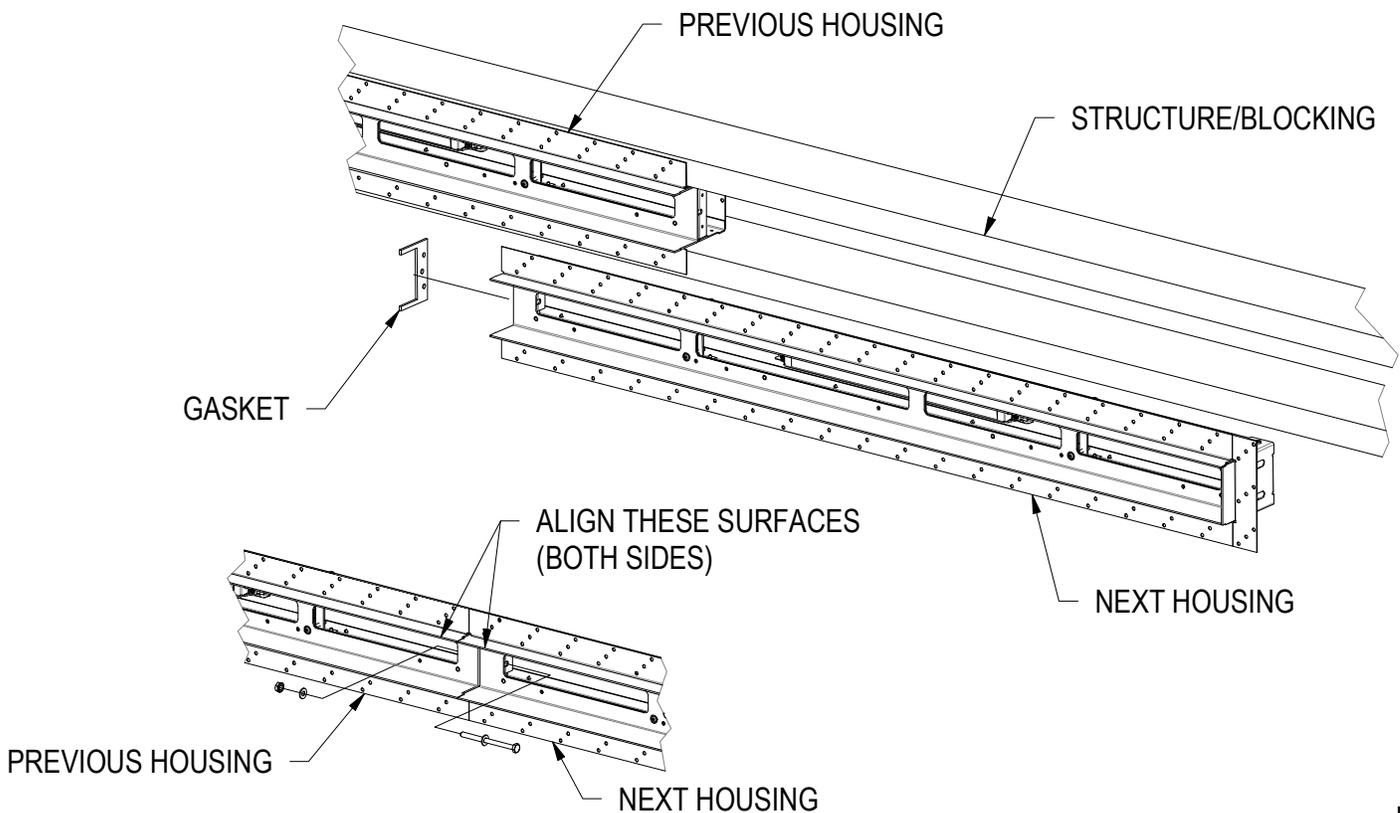
### STEP 5

A gasket is required between housing sections. Remove the backing paper from the end plate gasket and adhere to fixture housing. Align the mounting holes and make sure gasket legs are centered on housing sides.

If applicable, apply recommended seal between housing and vapor barrier. (This may be a sealing compound, tape, caulk, or other method recommended by the vapor barrier manufacturer.)

Position next housing into recessed slot and slide housing up to previous housing. Secure connection and compress gasket with supplied hardware as shown in HOUSING CONNECTION DETAIL. Finish securing housing flange to surface with fasteners (by others.)

Repeat for remaining sections in linear run.



### HOUSING CONNECTION DETAIL

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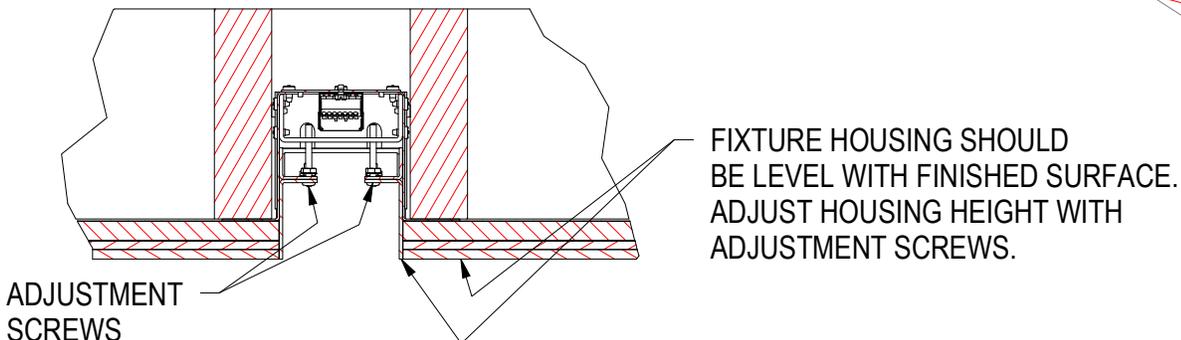
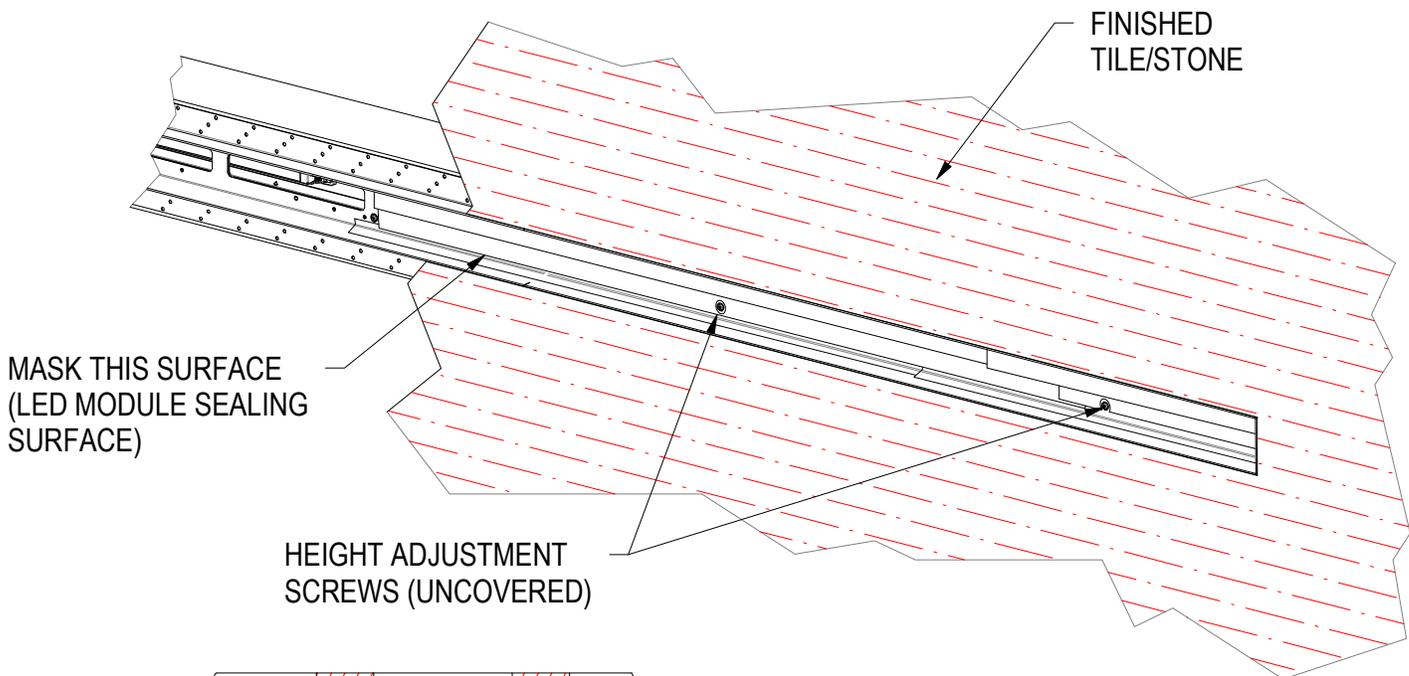
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### STEP 6

Apply masking tape to inner surface of housing where the LED modules seal to housing. It is acceptable to bring masking up along sides of housing. Uncover fixture height adjustment screws (multiple locations.)

Finish surface over mounting flange. Avoid getting excessive mortar, grout, and/or paint in fixture housing. While building up surface, occasionally check and adjust fixture height to match finished surface height. See HEIGHT ADJUSTMENT DETAIL below.

When surface is finished, clean housing and remove masking tape.



### HEIGHT ADJUSTMENT DETAIL

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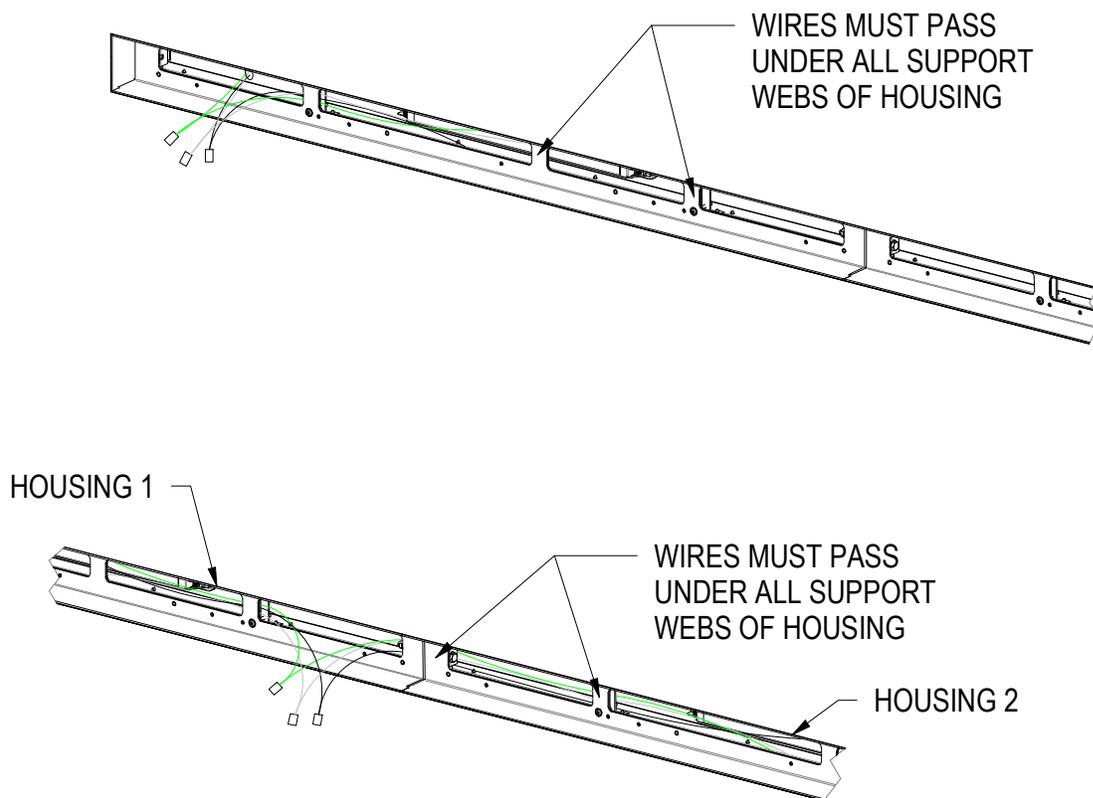
## TILE-IN HOUSING - LINEAR RUN

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### STEP 7

Complete wiring from branch circuit to line voltage and dimming circuits within housing. Complete daisy chain wiring between sections. Cap any unconnected line voltage wires and any unused dimming leads.

Neatly bundle wiring to prevent pinches when installing LED Assembly.



### DAISY CHAIN WIRING DETAIL

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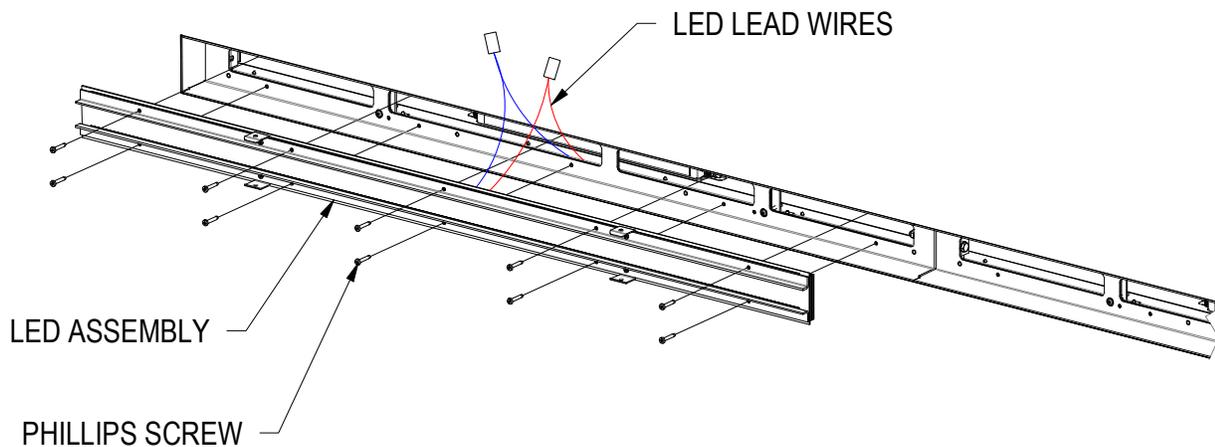
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### STEP 8

Connect LED lead wires to LED driver.  
Place LED Assembly within Housing, being careful not to pinch and wires.

Double check for any pinch wires then secure LED Assembly to Housing with phillips screws.

Repeat for remaining LED assemblies.



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## TILE-IN HOUSING - LINEAR RUN

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### STEP 9

Test fixture operation.

Install Diffuser by placing legs of the Diffuser between the housing wall and the retaining bracket. Carefully press Diffuser into housing until it bottoms.

**NOTE:** The retaining brackets go to the inside of the diffuser. Make sure no retaining brackets are visible on the outside of the diffuser.

Repeat for remaining diffusers.

