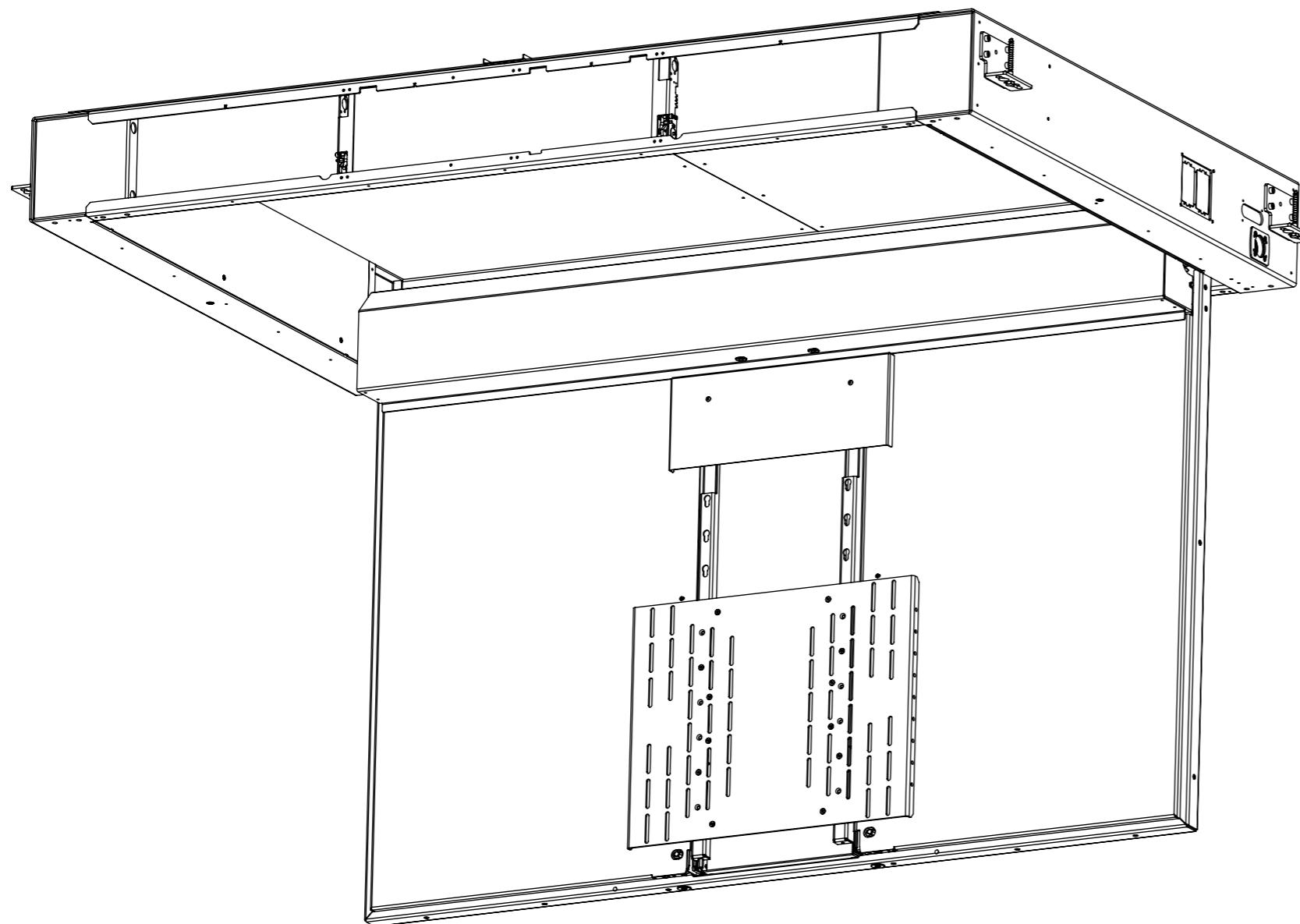


CHR8-RES

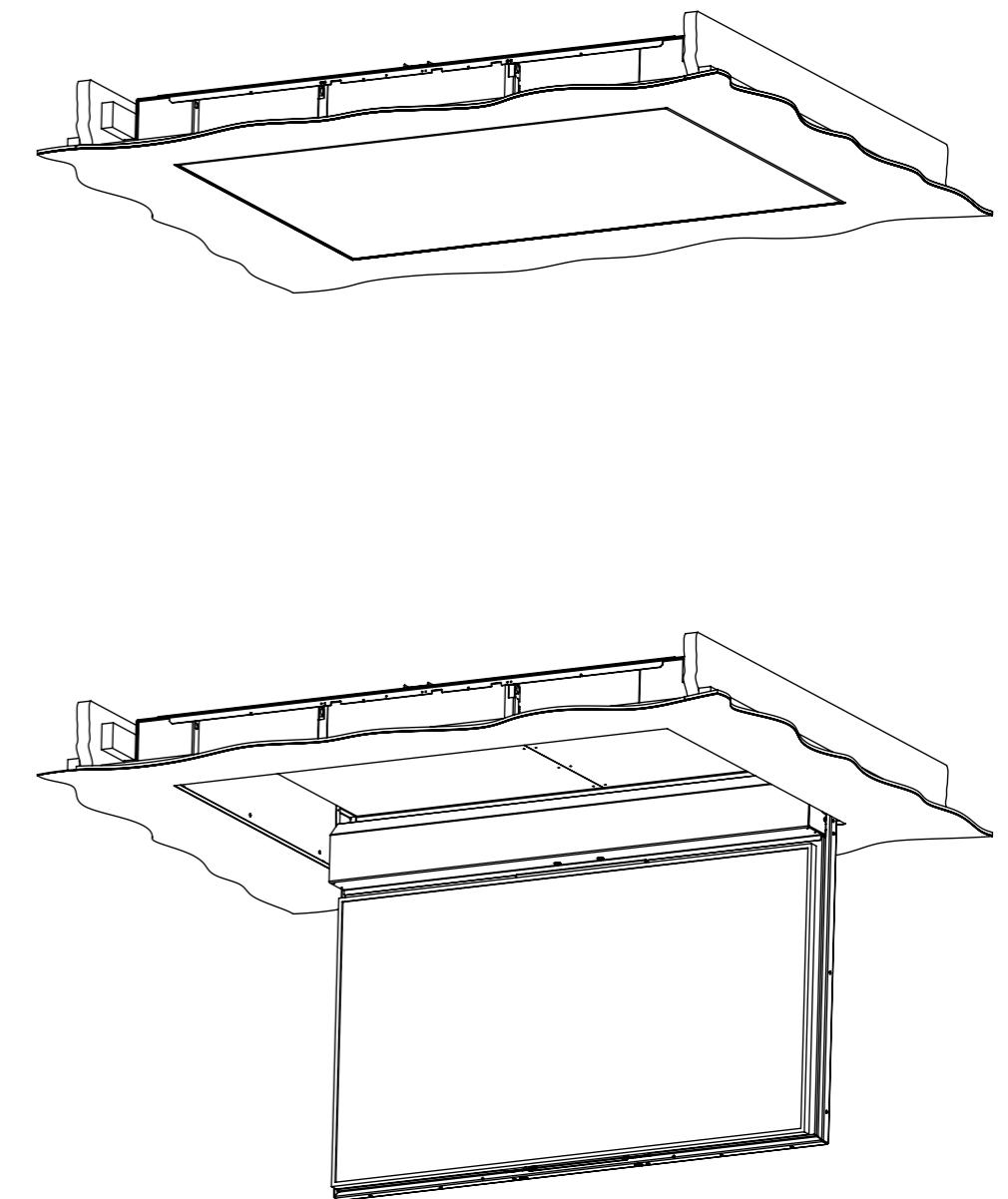
RESIDENTIAL CEILING HINGE RANGE



future automation



MECHANISM AS SUPPLIED



CHR8-RES

RESIDENTIAL CEILING HINGE RANGE



future automation

SPECIFICATION	MEASUREMENTS
Product Dimensions	2474mm [97 6/16"] W x 1545mm [60 13/16"] L x 270mm [10 10/16"] D
Product Weight	225Kg [496lb]
Maximum Screen Size	1980mm [77 15/16"] W x 1110mm [43 11/16"] L x 150mm [5 14/16"] D
Maximum Weight Capacity	140Kg [309lb] Max. <i>*Assuming Screen Weight Biased Low (3/4 Screen Height)</i>
Packaging Dimensions	2510mm [99"] W x 1720mm [68"] L x 490mm [19 5/16"] D
Shipping Weight	423Kg [933lb]
Maximum Rotation	90° Hinge
Movement Type	Motorised
Control System	Housed Internally - Accessible by Internal Access Hatch
Power Supply Required	110V - 240V AC 50/60Hz
Power Consumption Max.	720W
Power Consumption Standby	3W
Mounting Patterns Supported	VESA 600, 500, 400, 300, 200 W x 400, 300, 200 H
Control Options	IR Remote, RS232, Contact Closure
Product Options / Features	Specific B&O and Loewe mounts / adapters, Custom RAL paint finishes, Marine suitable version
Package Contents	Mechanism, IR remote control
Environment	Residential / Commercial
Colour	WHITE - RAL9910 Satin Finish
Marine Suitable	No - Marine Indoor and Outdoor Versions Available

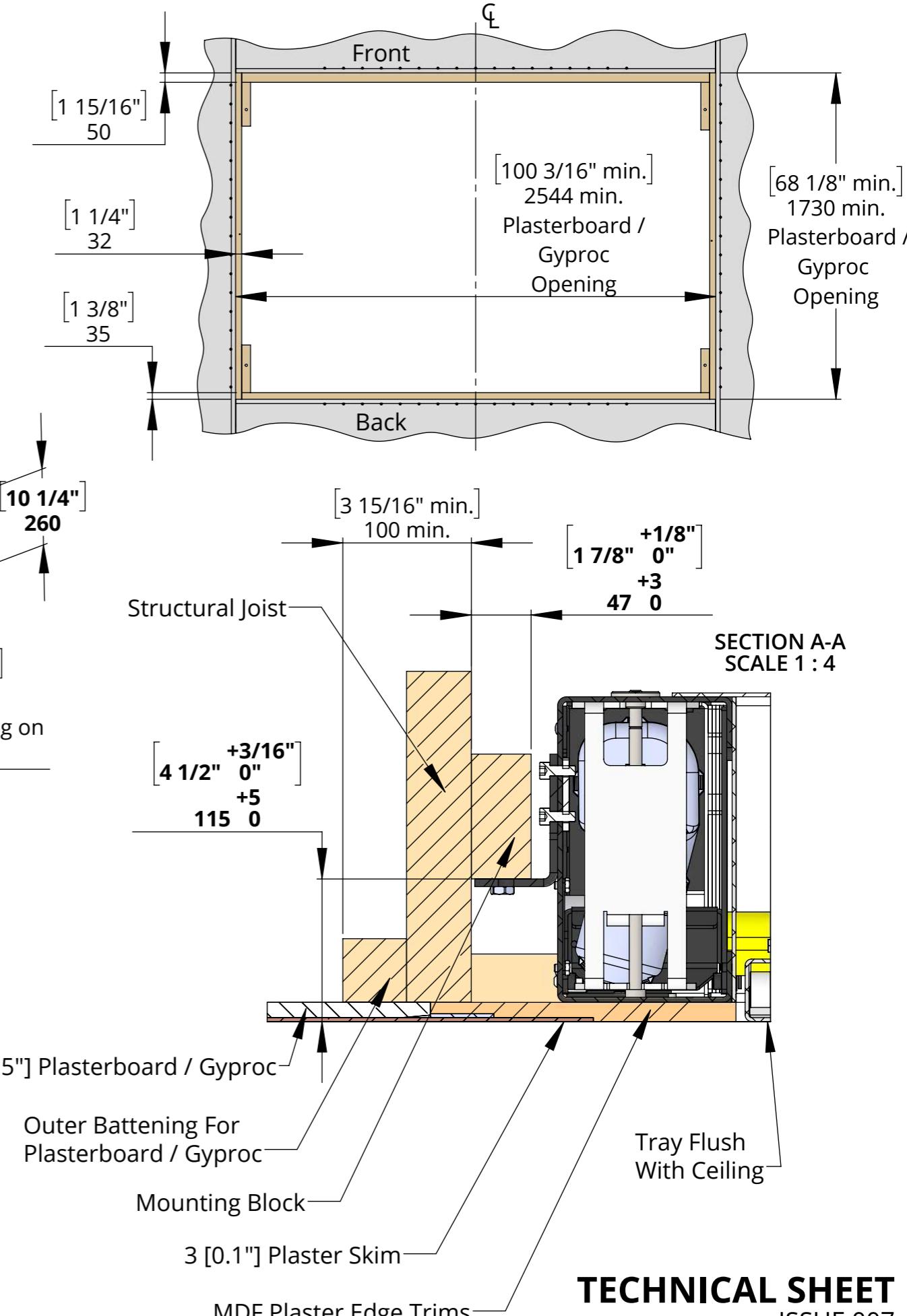
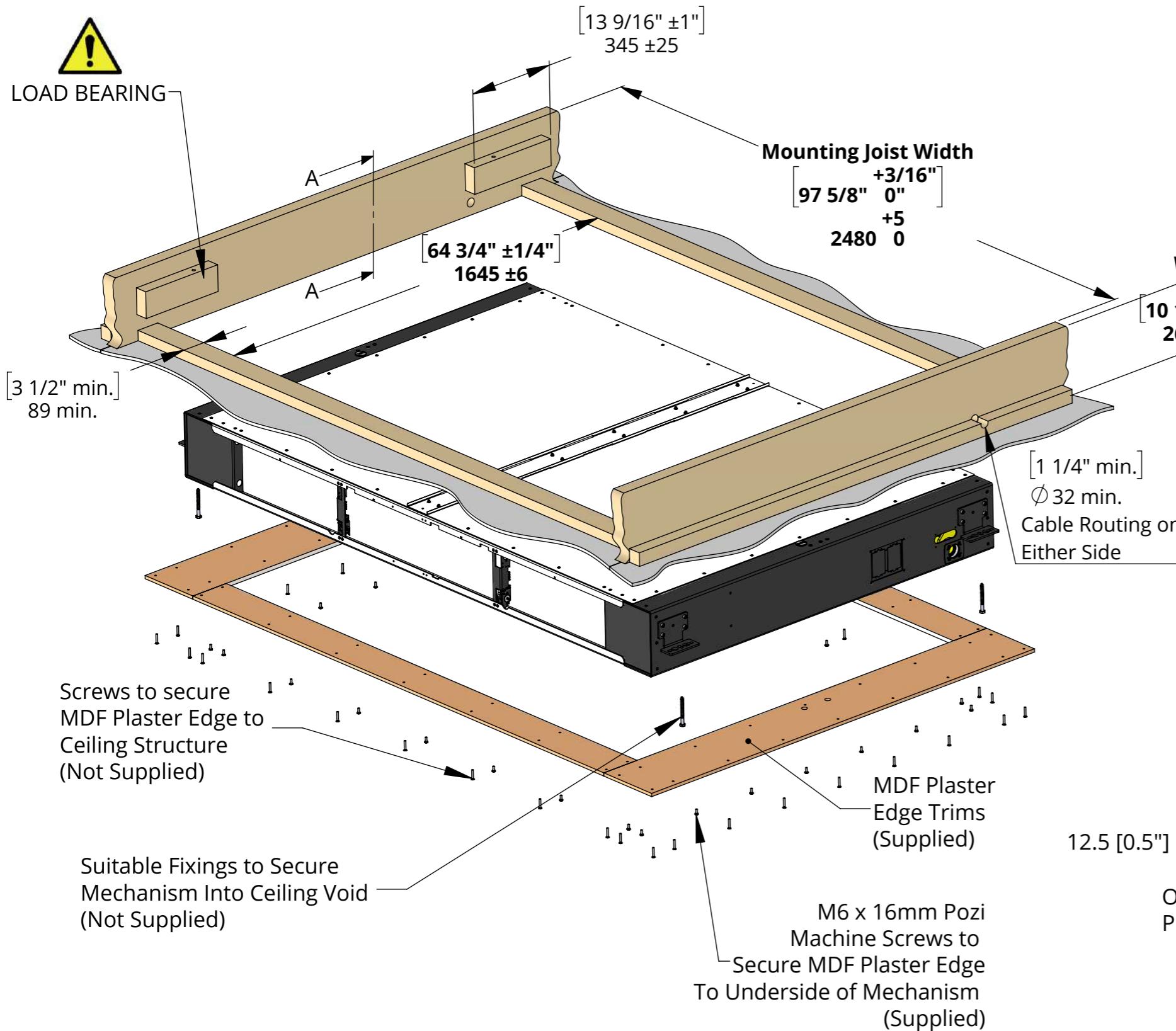
CHR8-RES

RESIDENTIAL CEILING HINGE RANGE



future automation

OPTION 1 - FIXING TO WOODEN BEAMS



TECHNICAL SHEET

ISSUE 007

SHEET 3

CHR8-RES

RESIDENTIAL CEILING HINGE RANGE

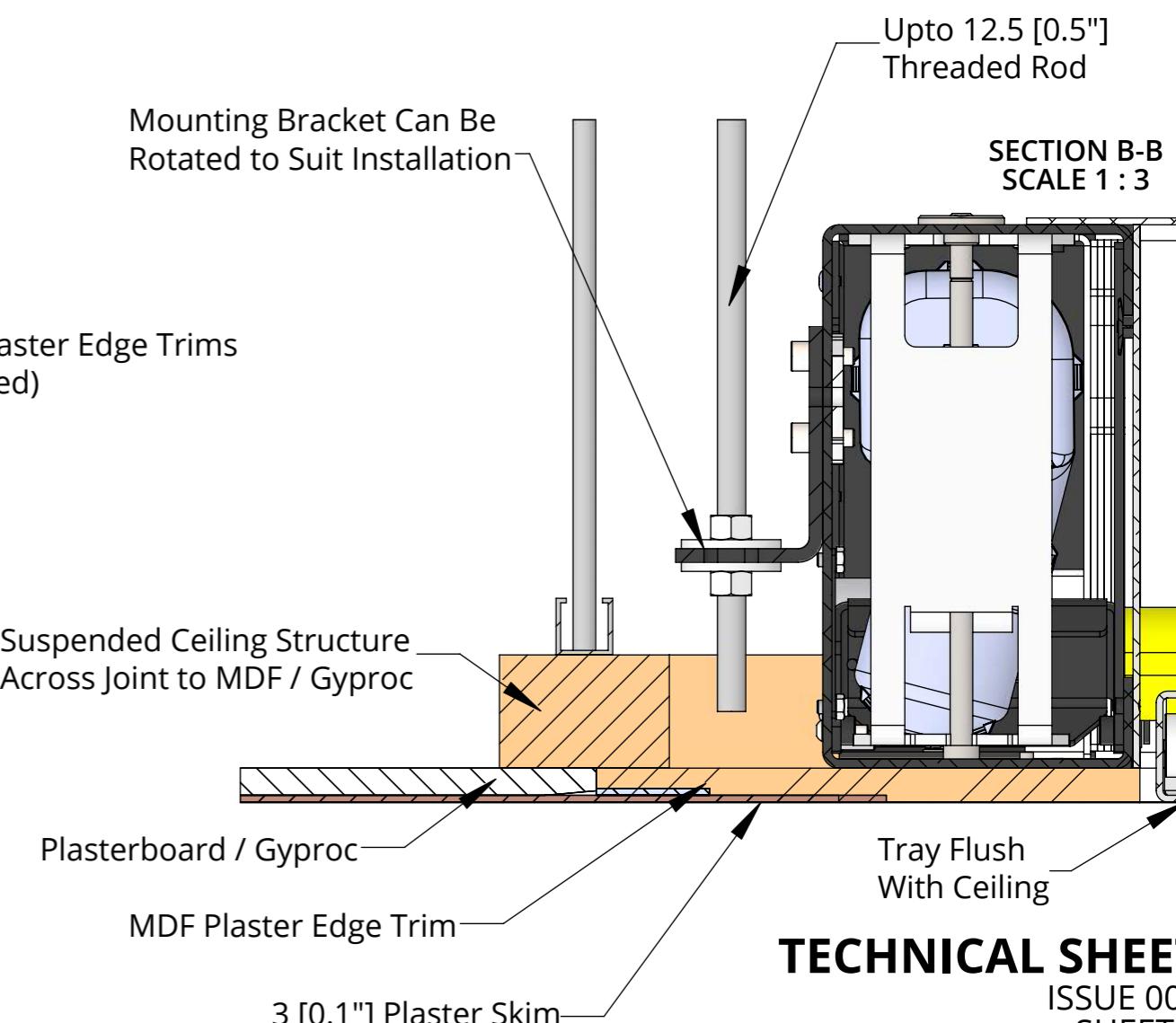
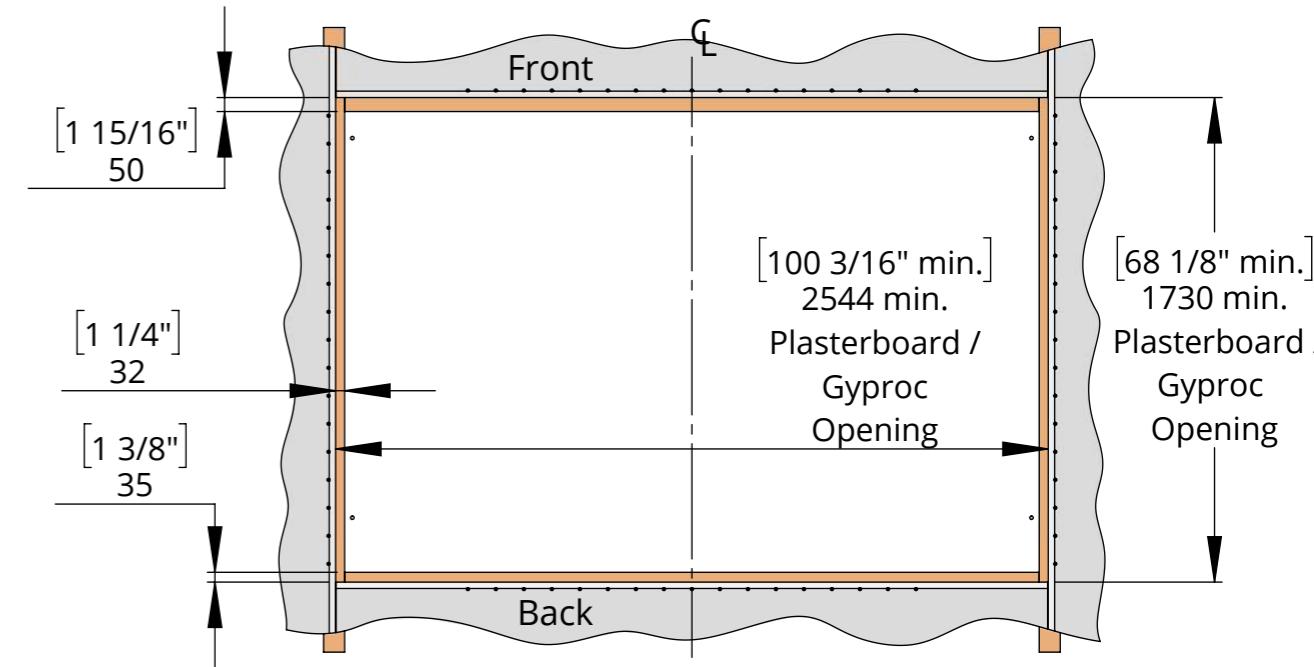
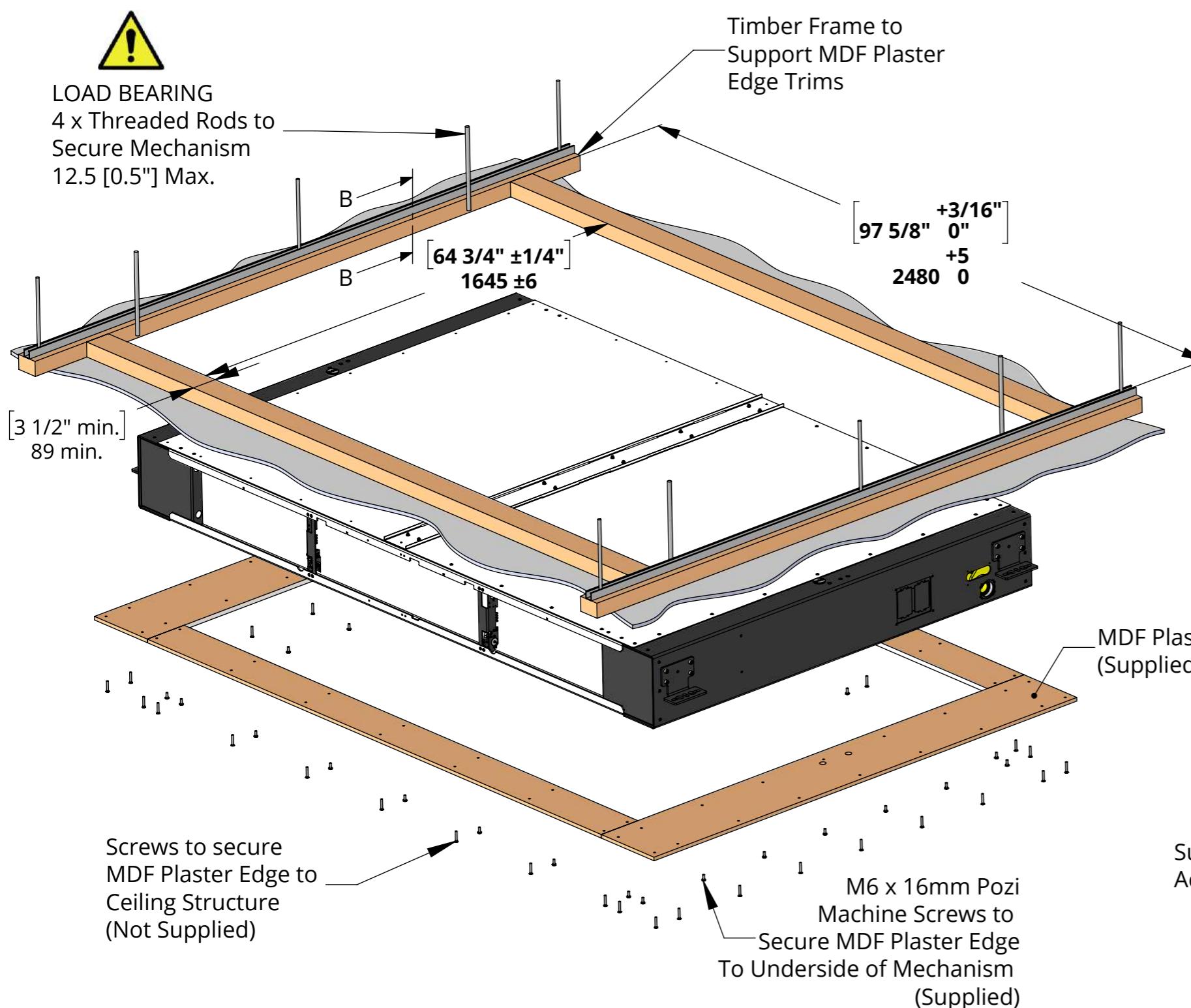


future automation

OPTION 2 - FIXING INTO SUSPENDED CEILING



LOAD BEARING
4 x Threaded Rods to
Secure Mechanism
12.5 [0.5"] Max.



CHR8-RES

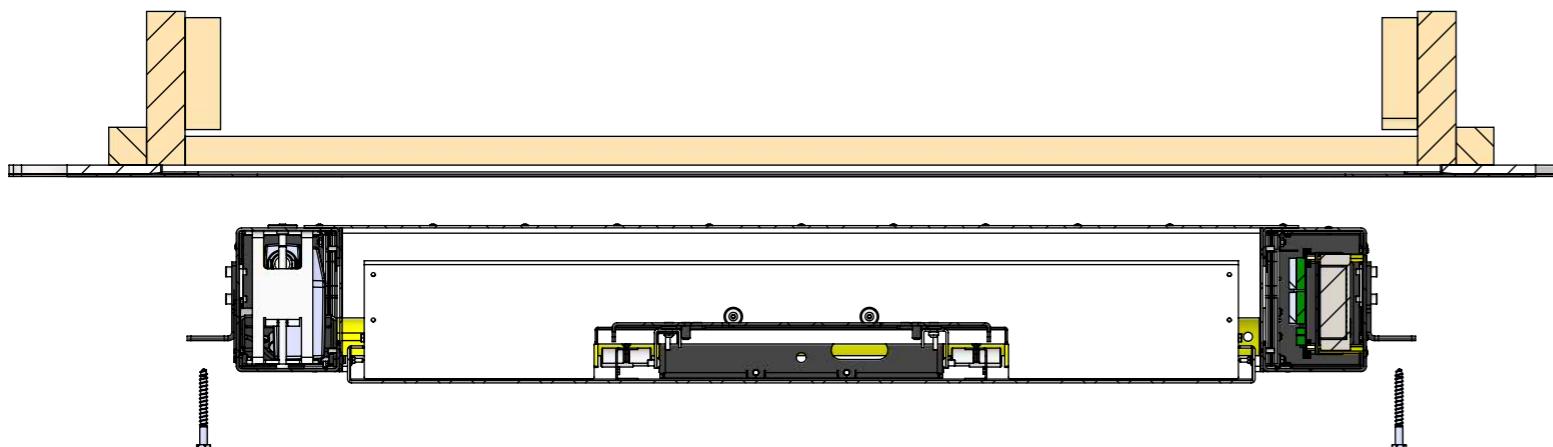
RESIDENTIAL CEILING HINGE RANGE



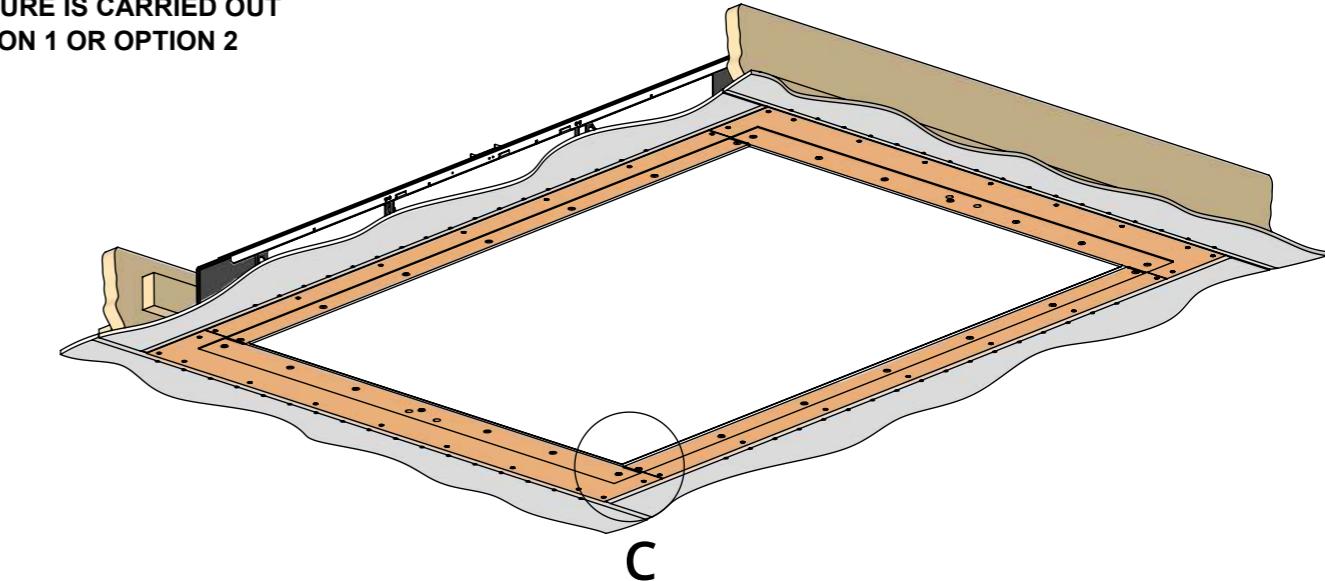
future automation

INSTALLATION PRECEDURE

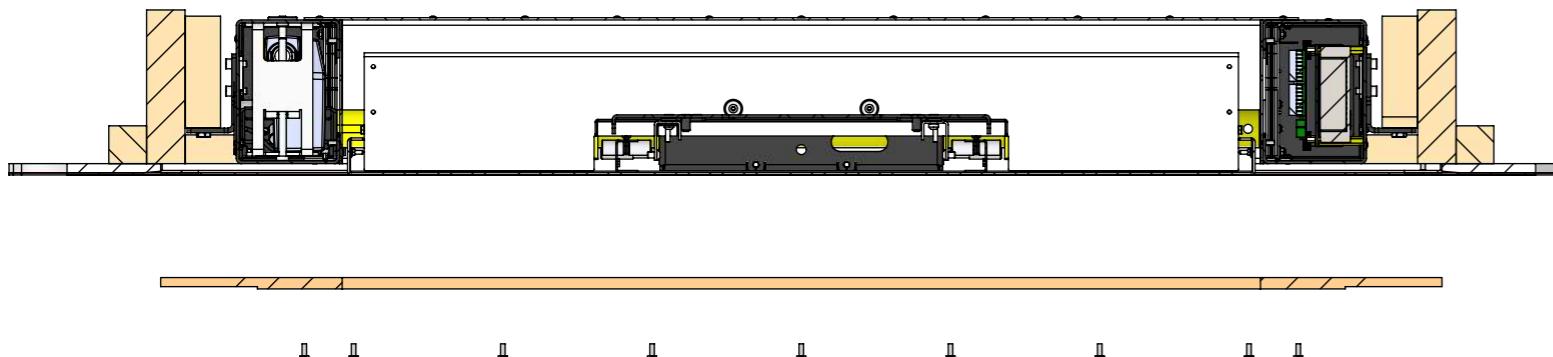
1. MECHANISM INSTALLATION



THE INSTALLATION PROCEDURE IS CARRIED OUT
IN THE SAME WAY FOR OPTION 1 OR OPTION 2

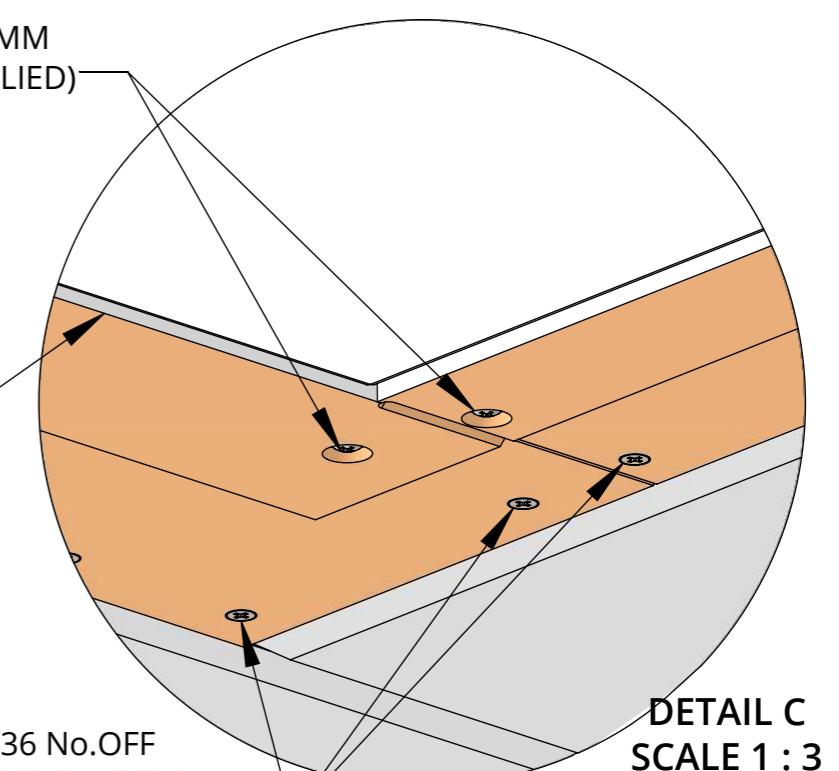


2. MDF PLASTER TRIM INSTALLATION

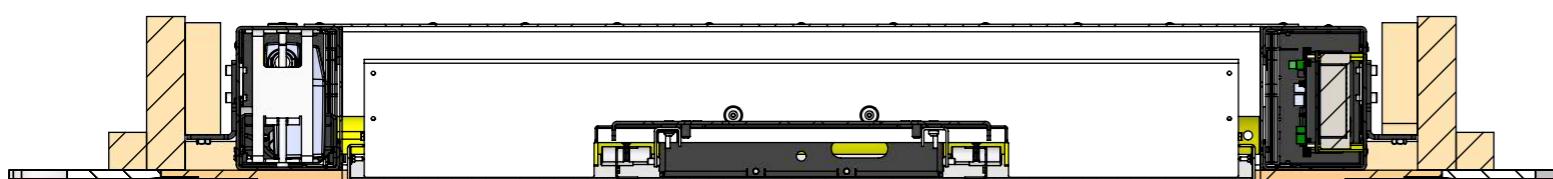


28 No. OFF
SS M6 x 16MM
POZI (SUPPLIED)

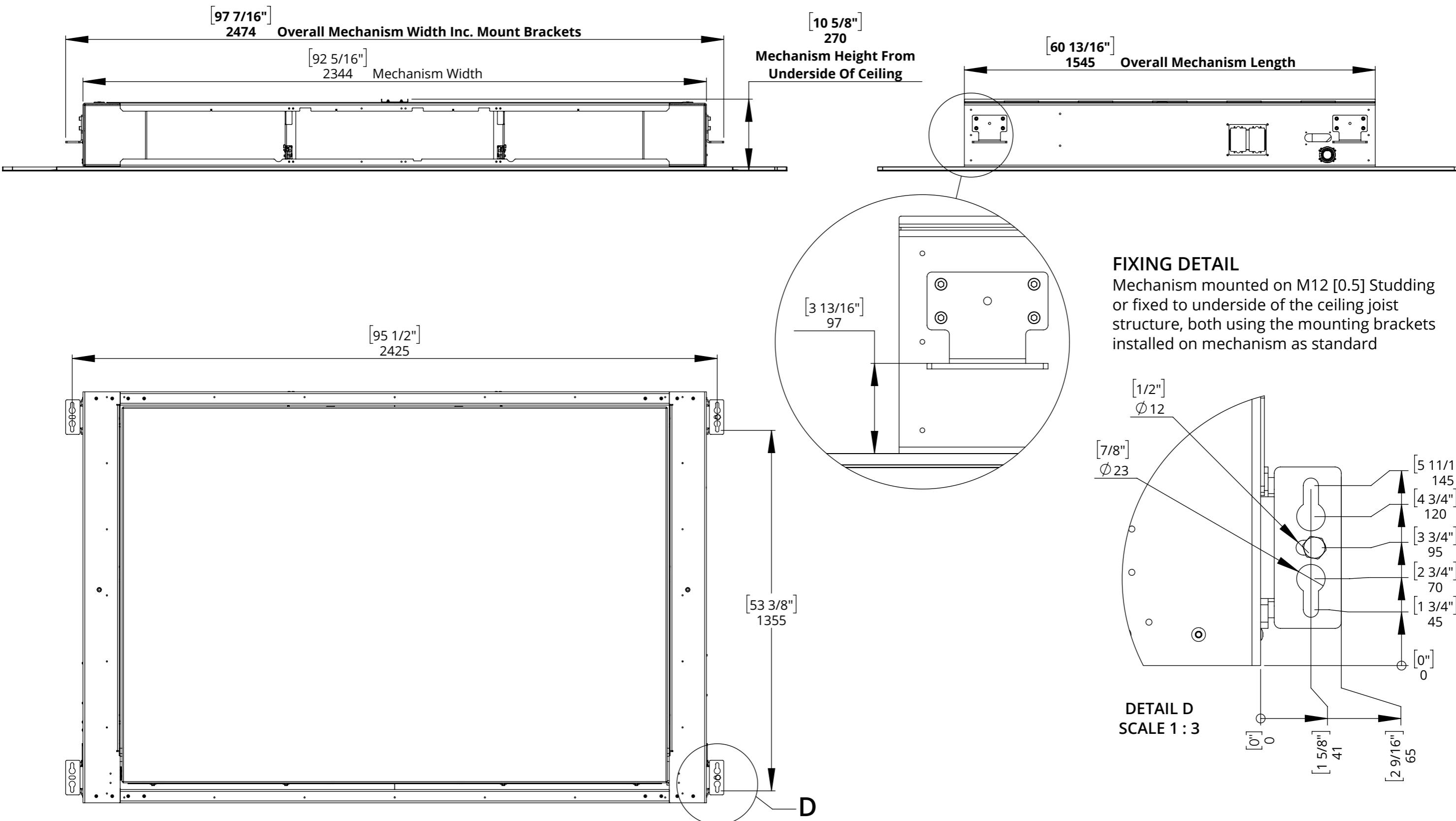
7mm [1/4"]
Shadow Gap
Around Tray



3. PLASTERING



MECHANISM DIMENSIONS - CLOSED



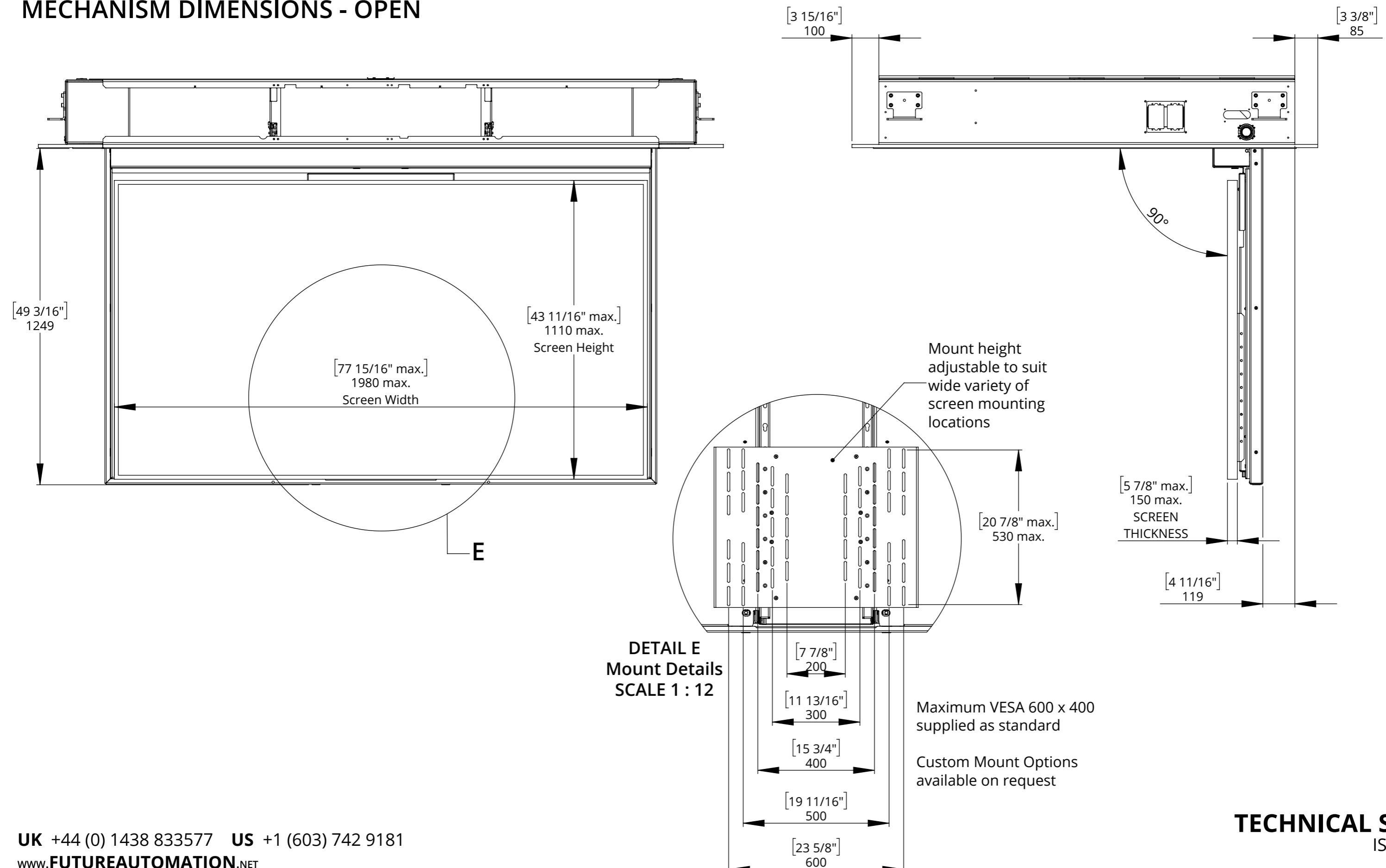
CHR8-RES

RESIDENTIAL CEILING HINGE RANGE



future automation

MECHANISM DIMENSIONS - OPEN



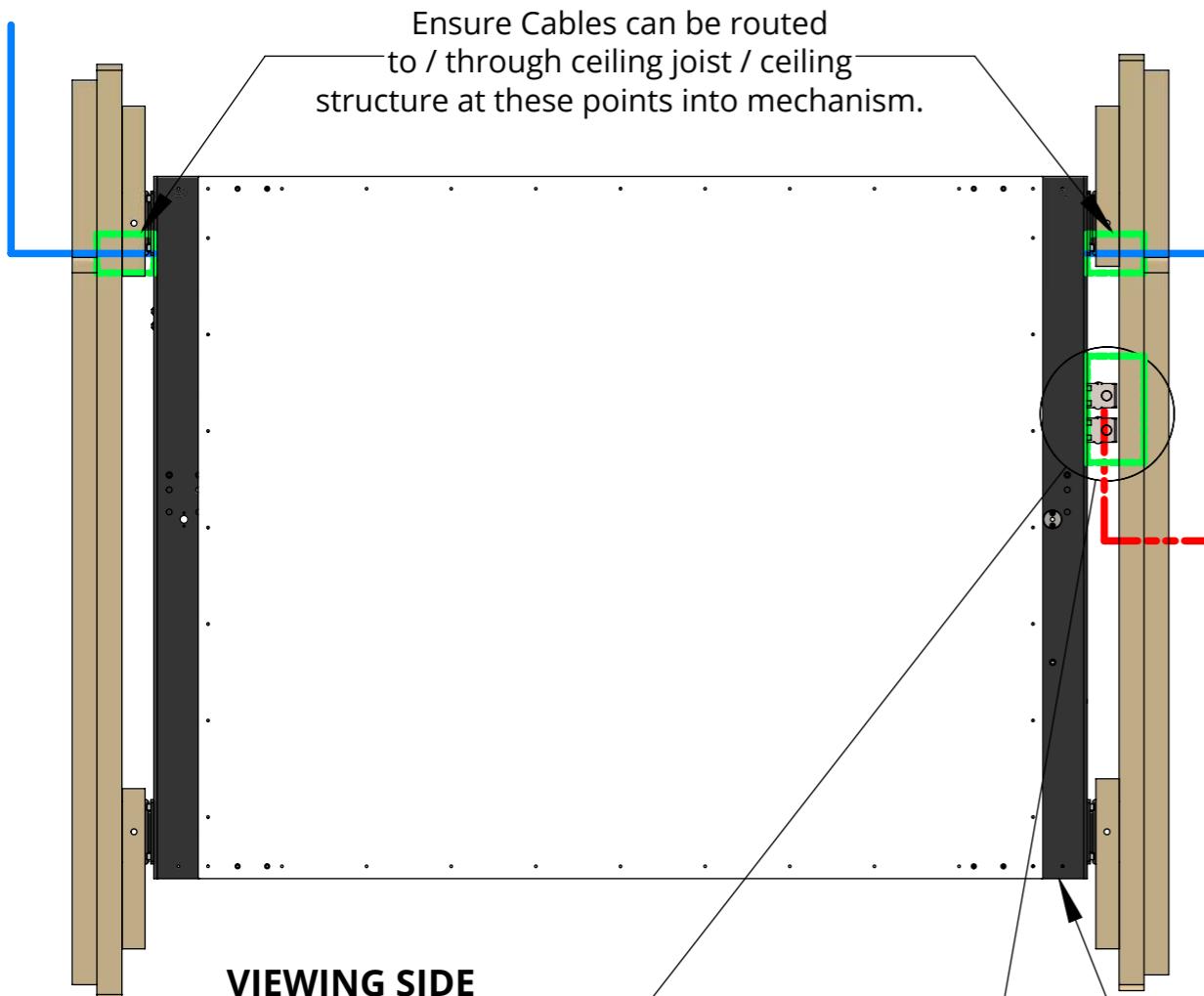
CHR8-RES

RESIDENTIAL CEILING HINGE RANGE

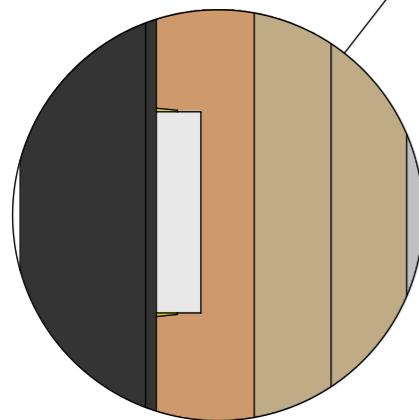


future automation

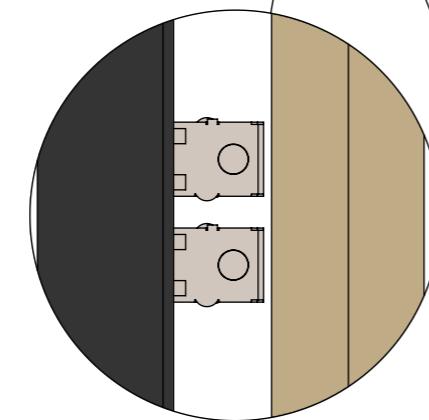
CEILING PREPARATION



VIEWING SIDE

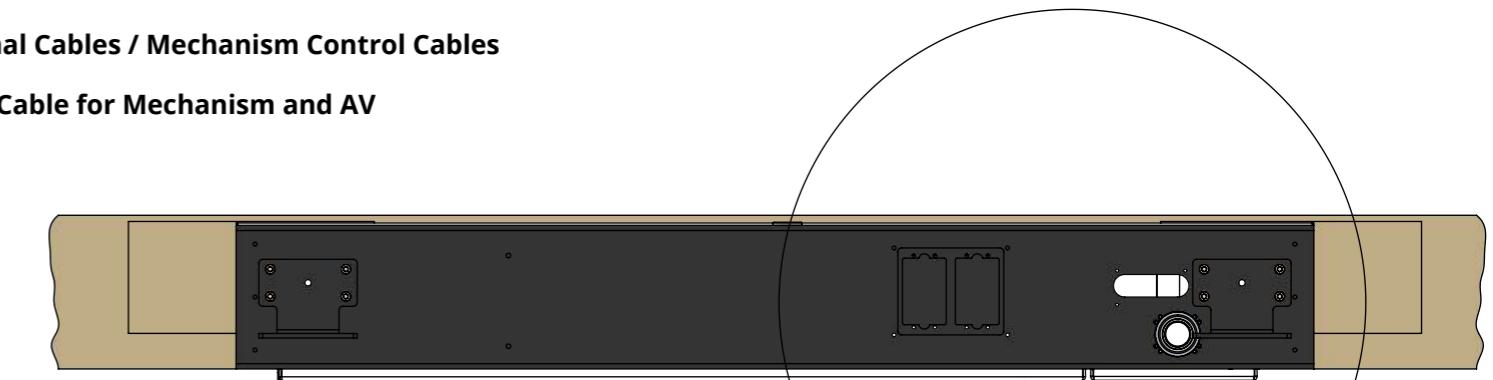


UK 2G Mains
Plasterboard
Back Box



2 No.
US J-Box

— AV Signal Cables / Mechanism Control Cables
- - - - Power Cable for Mechanism and AV



Cable Routing

Cables for the screen can be routed in from both sides, allowing for power and signal cables to be separated when entering the mechanism.

The opening on both sides is MIN. 32mm [1.3"] in diameter allowing for multiple cables to be routed to the screen.

A power outlet mounting plate is supplied in the right hand gearbox allowing for UK and US power outlets to be wired directly into the mechanism.

Mechanism control system housed internally on this side. Accessible from removable internal access hatch.

Ensure there are no obstructions around the power outlet mounting plate, between the mechanism and the mounting joist / ceiling structure

