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## REMOVING REAR FRAME FROM CABINET

THIS STEP IS OPTIONAL, THE CABINET CAN BE MOUNTED WITH THE REAR FRAME ATTACHED

REVISION				
ISS	DESCRIPTION	DATE	APPROVED	
			CHK	ENG
5	PDM_ECO_C-11870	SJG 01/16/2023	SJG 01/16/2023	SJG 01/16/2023

CONFIDENTIAL AND PROPRIETARY



**WARNING:** Improper use of this product or failure to follow these instructions may result in equipment damage, personal injury, or death. Read and understand all instructions for proper installation and use of this product.



**WARNING:** Before loading equipment in the cabinet, be sure all parts and hardware are properly installed and tightened.



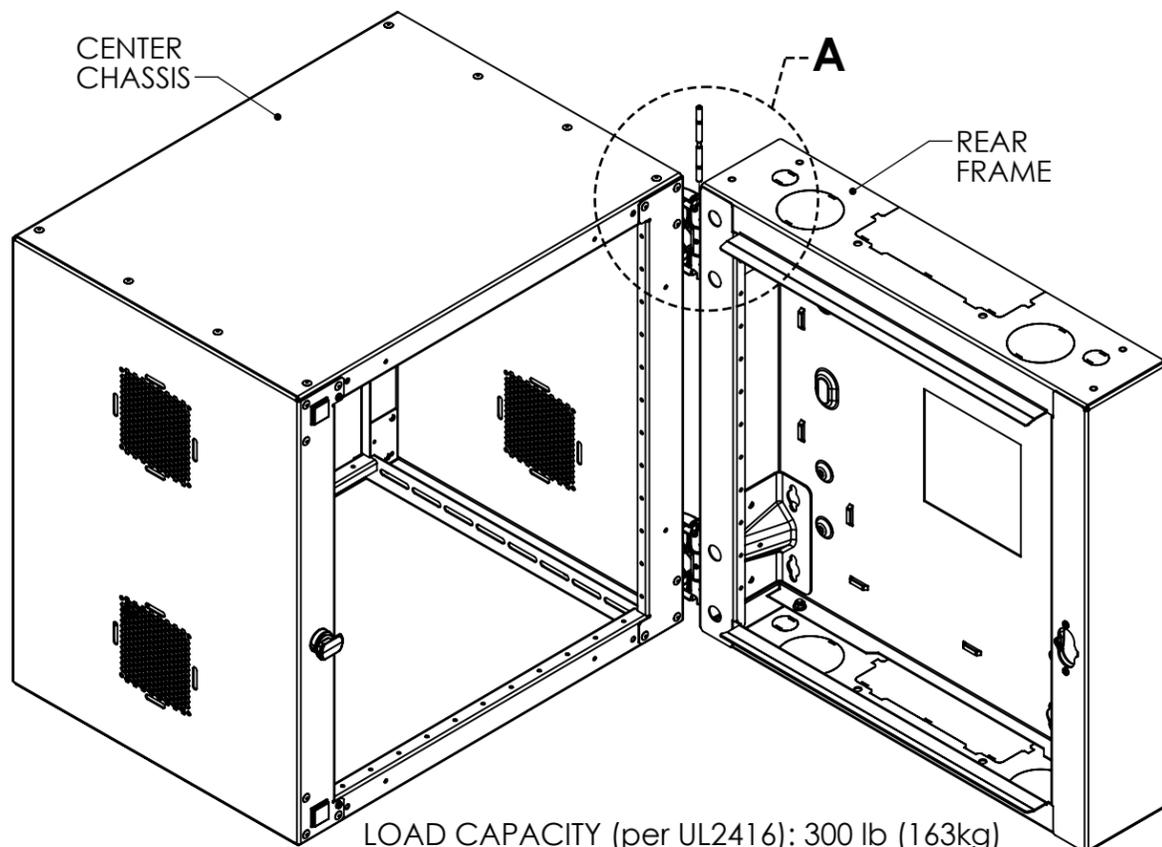
**WARNING:** Do not remove Hinge Mounting Bolts from Center Chassis or Rear Frame. Only remove Hinge Pins to separate Chassis.

INSTALLATIONS - THE CABINET ASSEMBLIES ARE INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE LOCAL AUTHORITIES HAVING JURISDICTION.

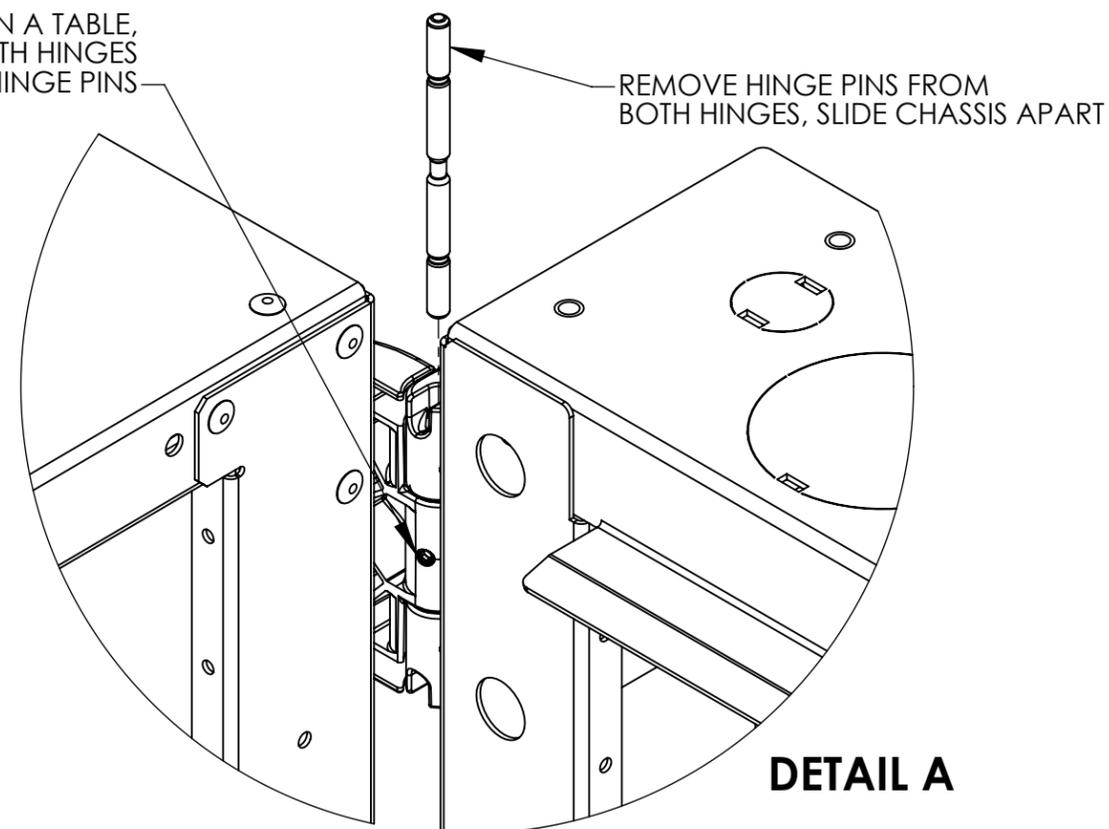
COMPONENT SERVICING - THESE UNITS SHOULD BE REPAIRED BY PERSONNEL TRAINED BY THE MANUFACTURER OR RETURNED TO THE MANUFACTURER FOR REPAIR OR REPLACEMENT.

THESE ENCLOSURES ARE CONSIDERED TYPE 1, FOR INDOOR USE ONLY, AND MARKED "TYPE 1".

THE EQUIPMENT INTENDED TO BE INSTALLED IN THE CABINET HAS NOT BEEN EVALUATED.



WITH CABINET SECURELY SITTING ON A TABLE, LOOSEN SET SCREWS IN BOTH HINGES TO ALLOW REMOVAL OF HINGE PINS



- STEP 1. DETERMINE WHICH SIDE THE CABINET WILL HINGE FROM. THE CABINET IS SHOWN WITH THE HINGE ON THE LEFT SIDE, INVERT THE CABINET IF YOU WANT THE HINGE ON THE RIGHT SIDE.
- STEP 2. UNLOCK THE CENTER CHASSIS BY ROTATING THE BLUE LATCH COUNTER-CLOCKWISE AND SWING IT OPEN TO GET ACCESS TO THE HINGE BOLT PINS.
- STEP 3. WHILE CABINET IS SITTING ON A TABLE, LOOSEN THE SET SCREWS IN THE HINGES AND REMOVE THE HINGE PINS FROM BOTH HINGES.
- STEP 4. SLIDE THE REAR FRAME APART FROM THE CENTER CHASSIS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN INCHES [MILLIMETERS] MILLIMETERS ARE REFERENCE ONLY SPECIFIED TOLERANCES ON .XX[X] .XXX[.XX] ANGLE ±.03[±0.8] ±.010[±0.25] ±1° THIRD ANGLE

ITEM TO CONFORM TO OFC-754002 CORPORATE COSMETIC SPEC

MATERIAL

APPROVALS

DR: S. GIBBLE

CHKR: SJG

MECH ENG: SJG

ELEC ENG:

DATE

01/05/2018

01/05/2018

01/05/2018

CHATSWORTH PRODUCTS, INC.

INSTL INSTR, CUBE-IT, G3

DWG SIZE

B

IIS-740900

ISS

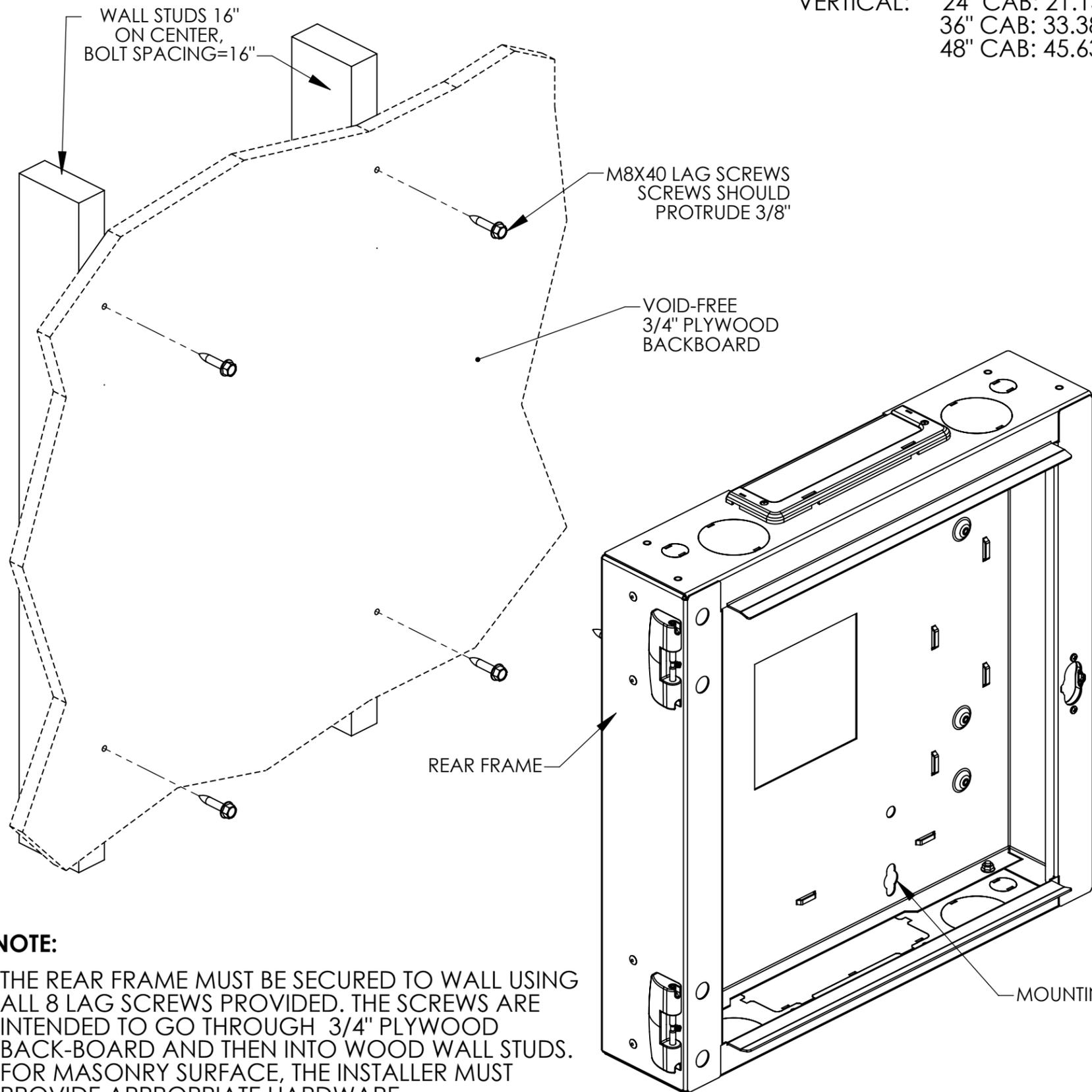
5

SCALE 1:4

SHEET 1 OF 5

# PRELIMINARY SETUP

**BOLT LOCATIONS**  
 LATERAL: 16.0" ON STUDS  
 VERTICAL: 24" CAB: 21.13"  
 36" CAB: 33.38"  
 48" CAB: 45.63"



**NOTE:**  
 THE REAR FRAME MUST BE SECURED TO WALL USING ALL 8 LAG SCREWS PROVIDED. THE SCREWS ARE INTENDED TO GO THROUGH 3/4" PLYWOOD BACK-BOARD AND THEN INTO WOOD WALL STUDS. FOR MASONRY SURFACE, THE INSTALLER MUST PROVIDE APPROPRIATE HARDWARE.

# MOUNTING REAR FRAME TO WALL

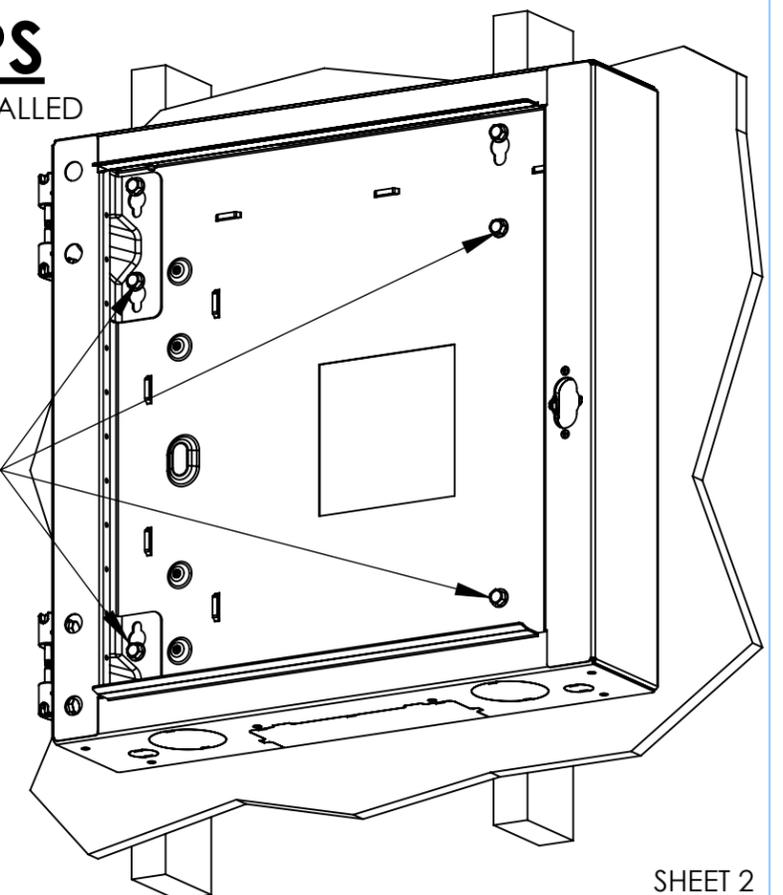
WALL SHOULD BE PREPPED WITH VOID-FREE A/C GRADE PLYWOOD. PLYWOOD BACKBOARD MUST BE FIRMLY ATTACHED TO THE FRAMED WALL OR STUDS WITH CONSTRUCTION ADHESIVE AND GALVANIZED, ZINC PLATED, OR STAINLESS STEEL FLATHEAD SCREWS OR MINIMUM  $\varnothing .25"$ (6.3MM) TOGGLE BOLTS. DRYWALL SCREWS ARE NOT ACCEPTABLE. REFERENCE INFORMATION TECHNOLOGY SYSTEMS INSTALLATION METHODS MANUAL (ITSIMM) FOR STANDARDS.

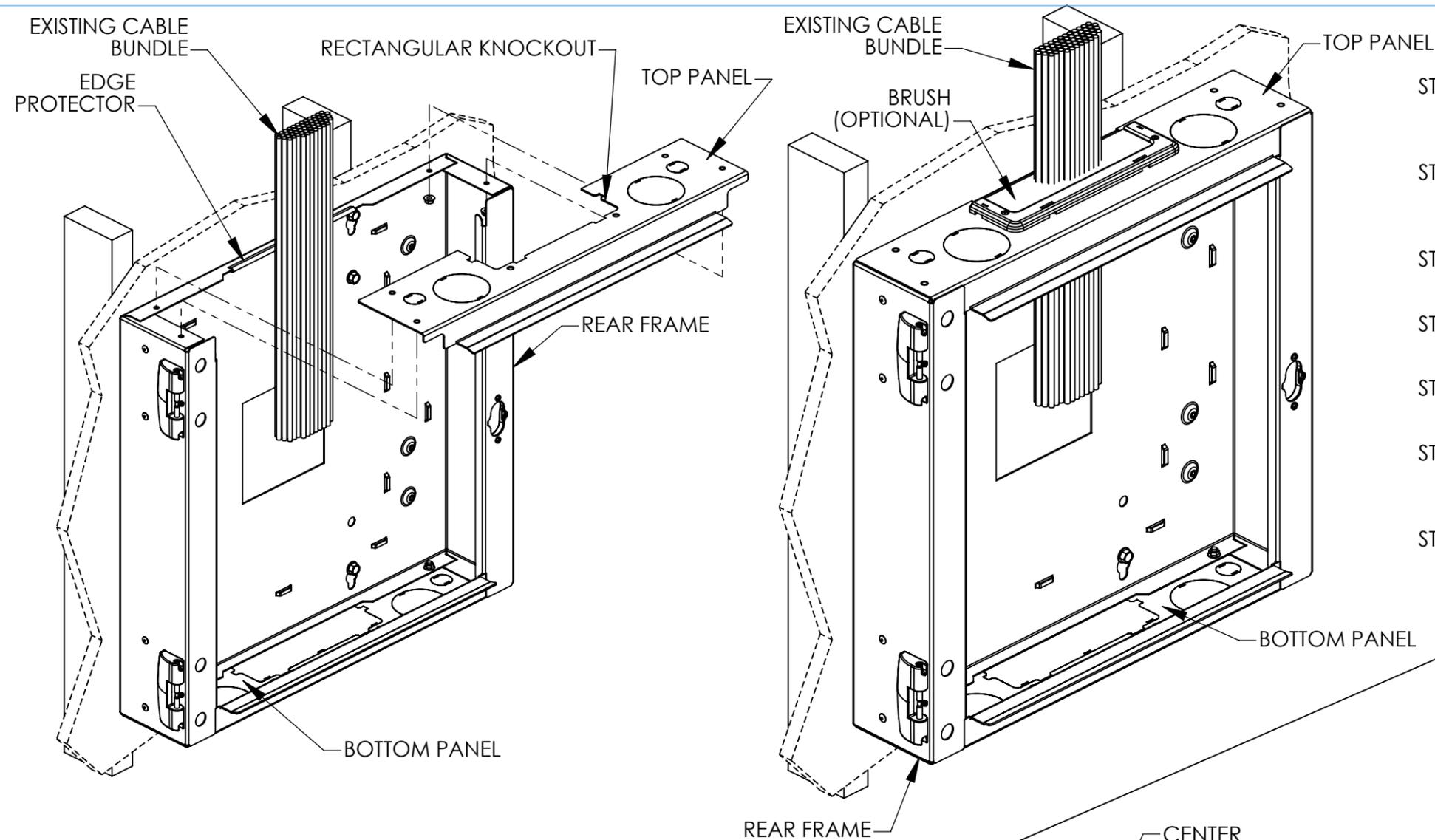
- STEP 1. INSURE THAT THE WALL OR MOUNTING SURFACE HAS SUFFICIENT STRENGTH TO SUPPORT THE CABINET AND THE EXPECTED CABINET PAYLOAD. THE MOUNTING SURFACE MUST ALSO BE FLAT AND EXTEND BEYOND THE TOP, BOTTOM, LEFT, AND RIGHT EDGES OF THE REAR PANEL.
- STEP 2. DRILL 5/32" PILOT HOLES FOR THE FOUR M8X40mm LAG SCREWS TO THE DIMENSIONS SHOWN ON THE DRAWING. THE SCREWS SHOULD GO DIRECTLY INTO THE WALL STUDS.
- STEP 3. INSTALL THE LAG SCREWS INTO THE HOLES. THE SCREW HEAD SHOULD PROTRUDE ABOUT 3/8" FROM THE WALL.
- STEP 4. MOUNT THE REAR FRAME TO THE WALL BY HOOKING THE UPPER AND LOWER KEYHOLES OVER THE SCREWS. TIGHTEN THE SCREWS SECURELY.
- STEP 5. INSTALL THE REMAINING 4 LAG SCREWS IN THE HOLES BELOW THE TOP TWO KEYHOLES, AND ABOVE LOWER KEYHOLES.

# FINAL STEPS

8 TOTAL LAG SCREWS INSTALLED

INSTALL THE 4 REMAINING LAG SCREWS IN HOLES BELOW TOP KEYHOLES AND ABOVE LOWER KEYHOLES, AFTER THE REAR FRAME HAS BEEN MOUNTED TO WALL





### MOUNTING REAR PANEL TO WALL WITH PRE-EXISTING CABLE BUNDLE

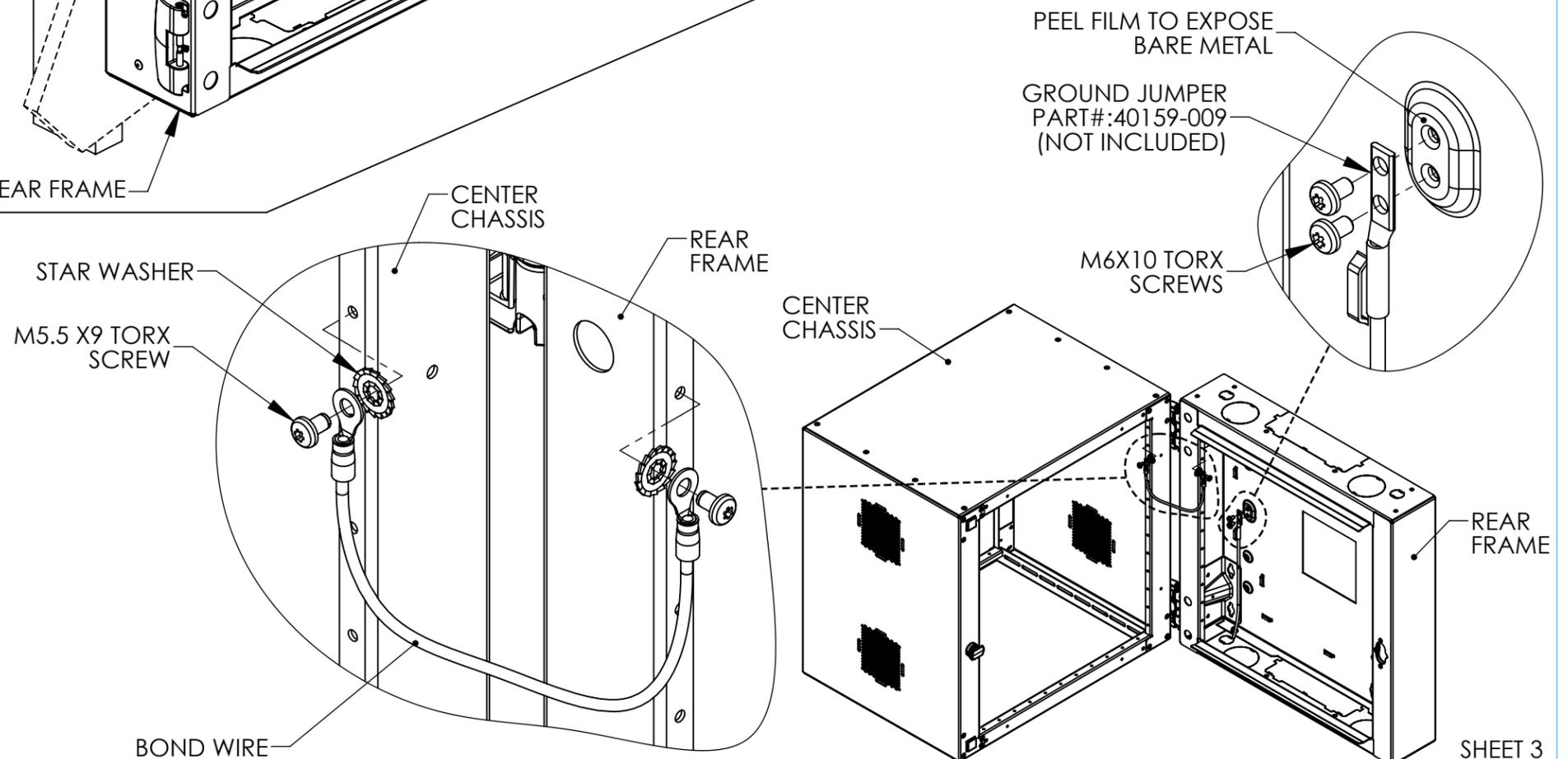
- STEP 1. THE TOP PANEL, BOTTOM PANEL OR BOTH CAN BE MODIFIED AND REMOVED DURING INSTALLATION TO ACCOMMODATE EXISTING CABLE BUNDLES
- STEP 2. REAR FRAME MUST BE FIRST SEPARATED FROM THE CENTER CHASSIS. SEPARATE REAR FRAME FROM CENTER CHASSIS BY FOLLOWING STEPS 1-4 ON SHEET 1.
- STEP 3. PRY LARGE RECTANGULAR KNOCKOUT AWAY FROM PANEL USING A LARGE FLAT-HEAD SCREWDRIVER
- STEP 4. LOOSEN AND REMOVE QTY4, M6 HEX NUTS TO SEPARATE TOP/BOTTOM PANEL FROM REAR FRAME.
- STEP 5. MOUNT THE REAR FRAME(SEPARATED FROM CENTER CHASSIS) TO THE WALL, FOLLOWING STEPS 1 THRU 5 ON SHEET 2.
- STEP 6. RE-ATTACH TOP/BOTTOM PANELS TO THE REAR FRAME USING M6 HEX NUTS. DO NOT ATTACH CENTER CHASSIS UNTIL TOP/BOTTOM PANELS HAVE BEEN SECURELY ATTACHED.
- STEP 7. INSERT EDGE PROTECTOR AND (OPTIONAL) BRUSH

### CHASSIS BONDING

- STEP 1. ATTACH ONE END OF BONDING WIRE TO THE CENTER CHASSIS USING M5.5 SCREWS WITH STAR WASHERS CONTACTING PAINTED SURFACE.
- STEP 2. ATTACH OTHER END OF BONDING WIRE TO THE REAR FRAME USING M5.5 SCREWS WITH STAR WASHERS CONTACTING PAINTED SURFACE.
- STEP 3. VERIFY CENTER CHASSIS CAN SWING FULLY OPEN

### CABINET BONDING

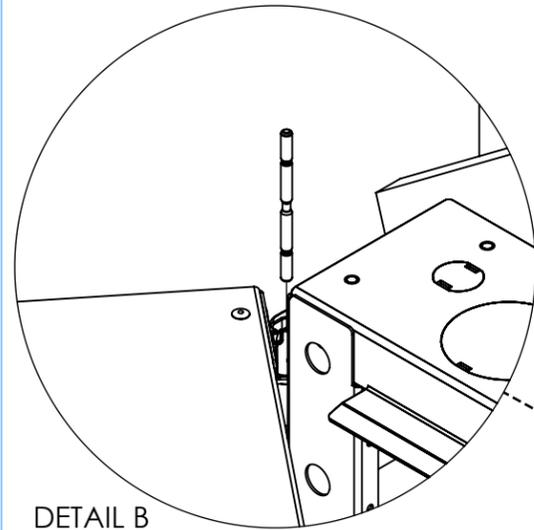
- STEP 1. PEEL FILM FROM EMBOSS ON REAR FRAME, EXPOSING BARE METAL
- STEP 2. ATTACH GROUND JUMPER, PART#40159-009, (NOT INCLUDED), USING M6 SCREWS (INCLUDED IN HARDWARE KIT)



### MOUNTING CABINET TO REAR FRAME

- STEP 1. LIFT THE CENTER CHASSIS AND ALIGN HINGES.
- STEP 2. INSERT HINGE PINS INTO BOTH HINGES, UNTIL FULLY SEATED.
- STEP 3. HAND TIGHTEN BOTH SETS SCREWS TO SECURE HINGE PINS INSIDE HINGES.
- STEP 4. CLOSE CABINET BODY AND CLOSE LATCH.

**WARNING: FAILURE TO TIGHTEN HINGE SET SCREWS MAY RESULT IN EQUIPMENT DAMAGE, PERSONAL INJURY, OR DEATH**



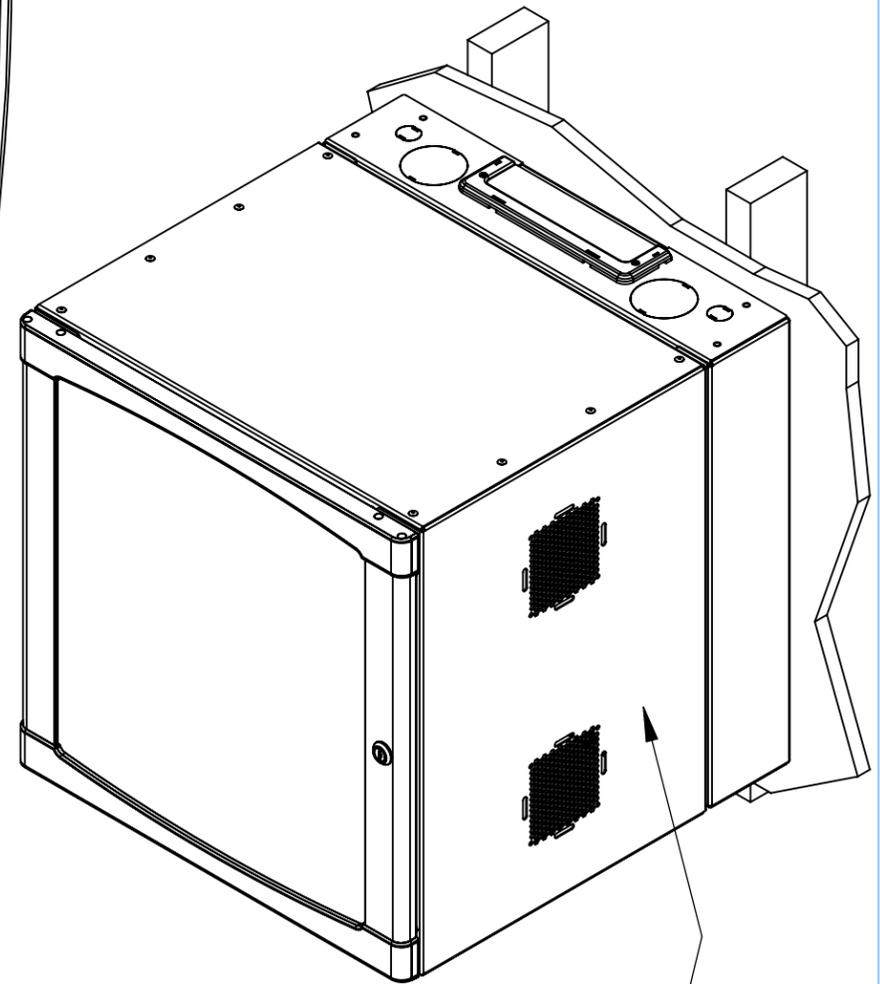
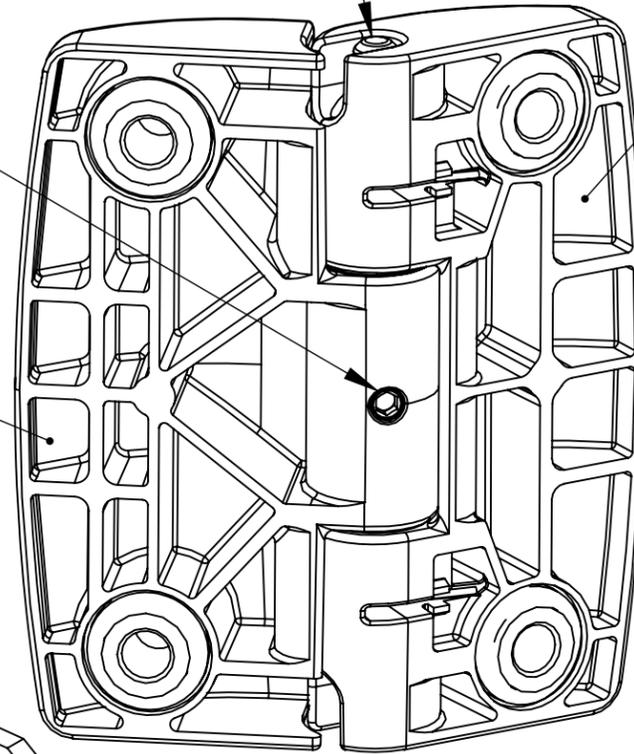
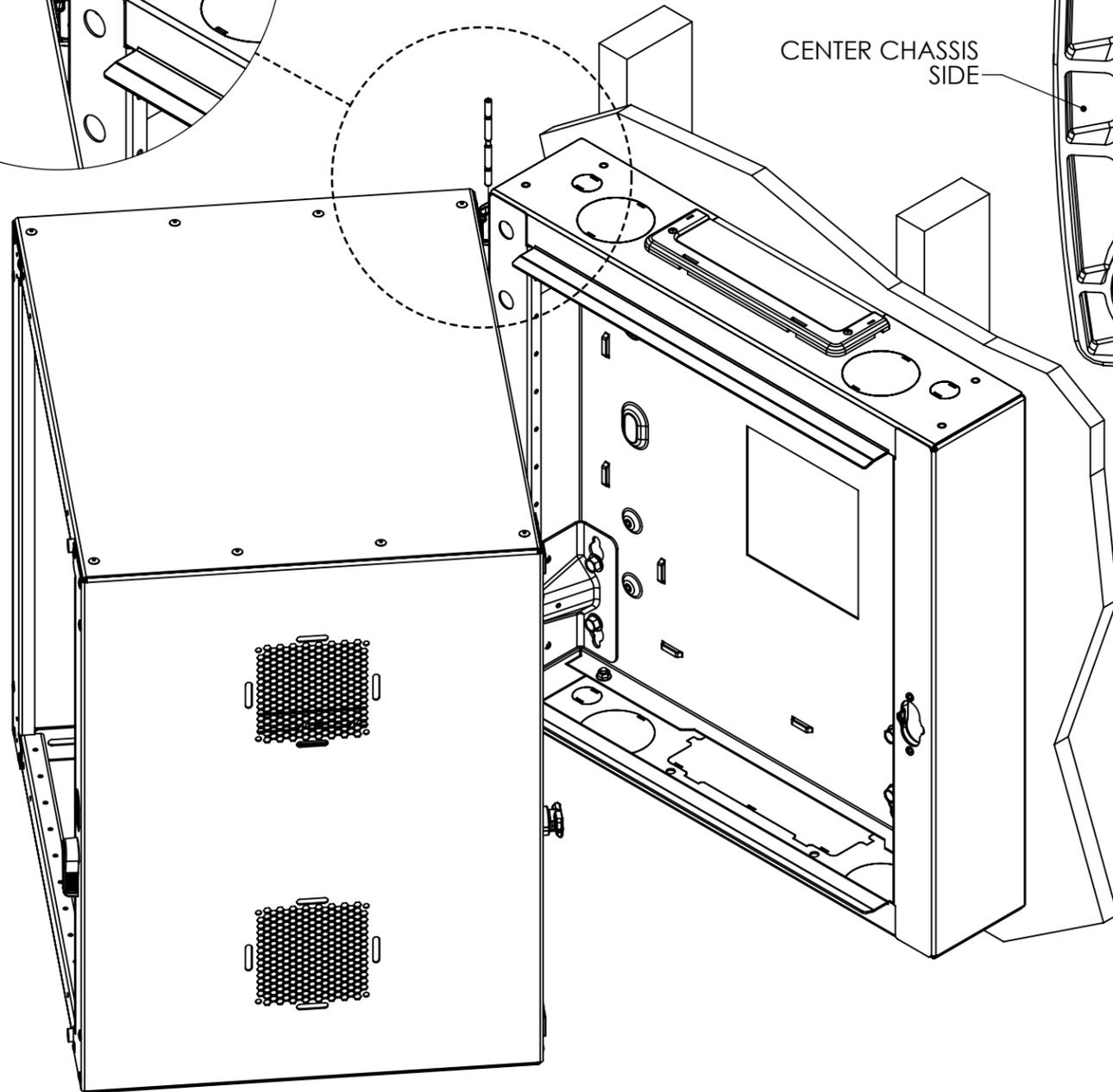
DETAIL B  
SCALE 1 : 4

**VERIFY SET SCREWS ARE FULLY RECESSED INTO HINGE BODY AND HAVE BEEN TIGHTENED TO SECURE HINGE PINS IN HINGES**

CENTER CHASSIS  
SIDE

**VERIFY HINGES PINS ARE FULLY SEATED INTO HINGES**

REAR CHASSIS  
SIDE

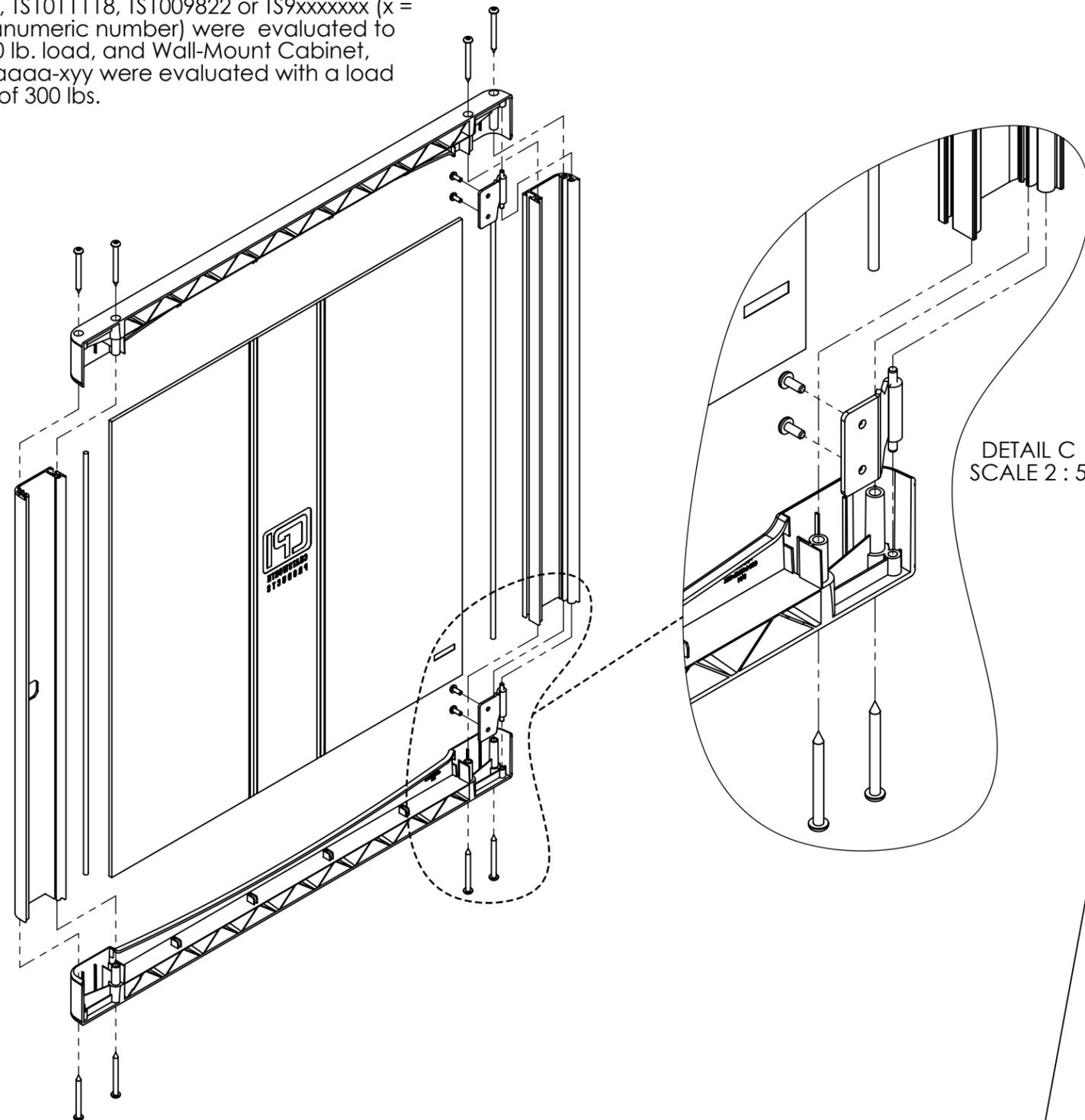


**CABINET BODY SHOULD ALWAYS BE CLOSED AND LOCKED EXCEPT WHEN SERVICING.**

**DO NOT LEAVE CABINET IN OPEN POSITION**

The product is a Cabinet intended to be mounted to a wall. Wall-Mount Cabinet, Model CUBE-iT Plus TS1010913, TS1011118, TS1009822 or TS9xxxxxx (x = any alphanumeric number) were evaluated to hold a 200 lb. load, and Wall-Mount Cabinet, Models aaaa-xyy were evaluated with a load capacity of 300 lbs.

## REVERSING DOOR SWING



- THE DOOR CAN BE HINGED FROM EITHER SIDE OF THE CABINET.  
TO HINGE ON OPPOSITE SIDE:
1. REMOVE THE FOUR SCREWS ATTACHING THE HINGES TO THE CABINET.
  2. REMOVE THE FOUR SCREWS ON THE TOP AND BOTTOM OF THE DOOR.
  3. SLIDE THE TOP AND BOTTOM OFF.
  4. REMOVE GLASS OR METAL CENTER PANEL AND ROTATE 180 DEGREES.
  5. RE-ATTACH TOP AND BOTTOM PIECES USING FOUR SCREWS.
  6. RE-ATTACH DOOR TO CABINET WITH FOUR SCREWS THROUGH THE HINGES ON THE OPPOSITE SIDE.

## ADJUSTING RAILS

