

MOUNTING PAN FOR BREAKER, FUSES, TERMINAL BLOCKS, AND GROUND LUG.

CLEARANCE BETWEEN TOP RAIL AND MOUNTING PAN 13.56"

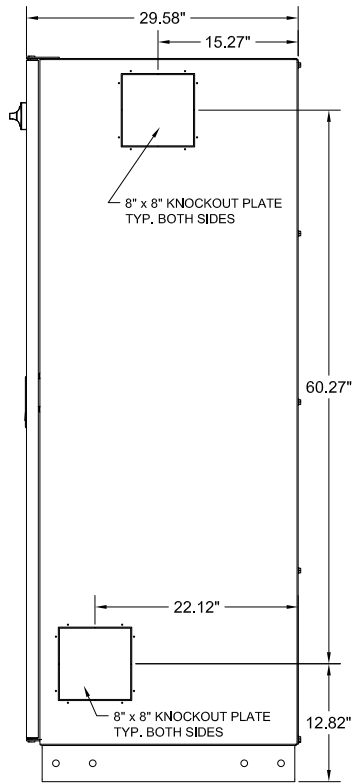
RAILS TURNED DOWN IN REAR OF CABINET TO FACILITATE BATTERY CHANGEOUTS ALLOWING BATTERIES TO SLIDE OUT

RAILS TURNED UP IN FRONT OF CABINET TO ALLOW ADDED SPACE FOR INCREASED SAFETY DURING BATTERY MAINTENANCE

2" HIGH O.D. BATTERY SUPPORT RAILS

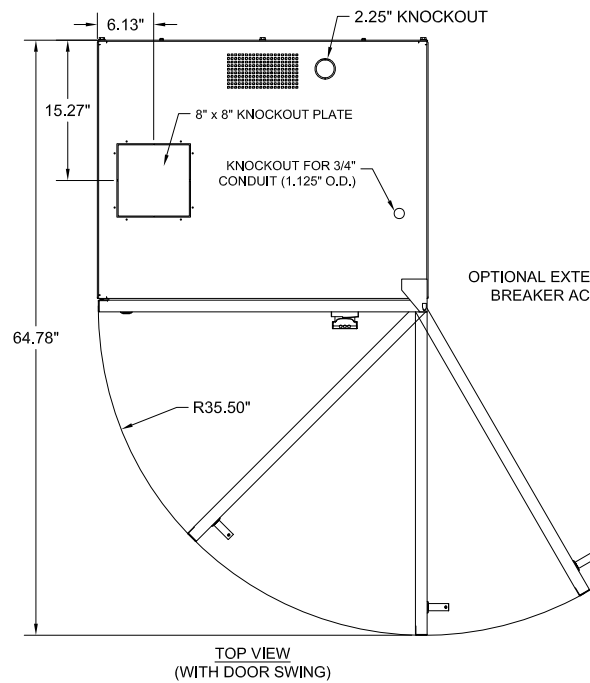
13.88" TYPICAL CLEARANCE BETWEEN RAILS AT CABINET FRONT

3.94"



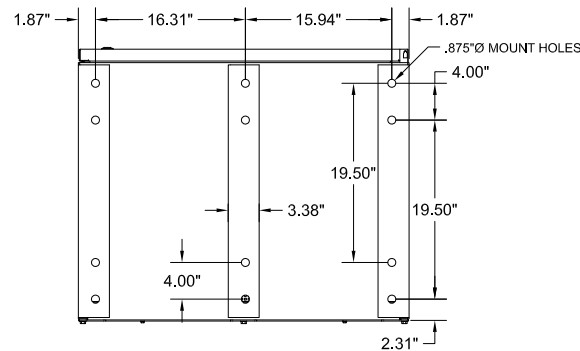
8" x 8" KNOCKOUT PLATE TYP. BOTH SIDES

8" x 8" KNOCKOUT PLATE TYP. BOTH SIDES



OPTIONAL EXTERNAL BREAKER ACCESS

R35.50"



.875"Ø MOUNT HOLES

- NOTES:**
- EMPTY CABINET WEIGHT: 488 LBS
 - NEMA 1 ENCLOSED BATTERY CABINET.
 - FACTORY ASSEMBLED CABINETS ARE LISTED TO UL 1778.
 - HEAVY GAUGE WELDED STEEL CONSTRUCTION.
 - A MINIMUM REAR CLEARANCE OF 2" IS RECOMMENDED FOR OPTIMAL COOLING OF THE EQUIPMENT.
 - AVAILABLE IN MULTIPLE COLORS OF DURABLE CHIP AND CORROSION RESISTANT POWDER COAT FINISH.
 - FOR EASE OF CONDUIT INSTALLATION, (1) 8" X 8" CONDUIT PLATE IS PROVIDED TO REPLACE A KNOCKOUT IN THE CABINET.
 - BATTERIES CAN BE ACCESSED FROM THE FRONT AND REAR.
 - DOOR IS FIELD-REMOVABLE FOR ADDITIONAL SERVICE ACCESS IF REQUIRED.
 - CABINET CAN BE MOVED WITH PALLET JACK OR FORK LIFT AT PALLET JACK ACCESS POINTS LOCATED AT FRONT OR REAR OF CABINET. FROM THE SIDES, THE CABINET CAN BE MOVED WITH ROL-A-LIFT TYPE EQUIPMENT MOVER. THE CABINET IS ONLY TO BE LIFTED FROM THE BOTTOM.
 - THE BC43S BATTERY CABINET (OPTIONAL CONFIGURATION) IS CERTIFIED TO THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA BUILDING CODE (CBC) TO MEET SEISMIC DESIGN CATEGORY F, SS = 2.0 AND IMPORTANCE FACTOR 1.5.

**BC43 BATTERY CABINET
MECHANICAL DRAWING**

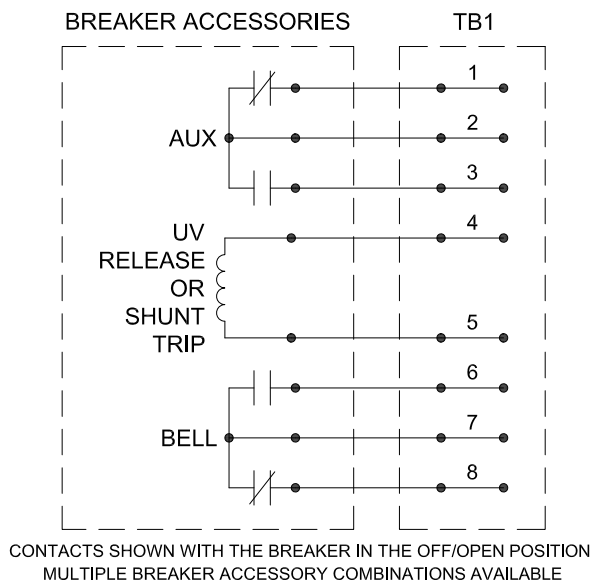
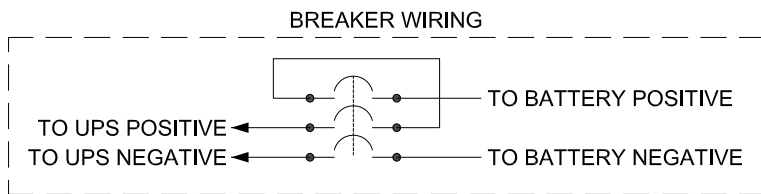
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DIMENSIONS ARE IN INCHES	INITIALS	DATE
TOLERANCES: DECIMALS: .XX ±.13 .XXX ±.062	DRAWN JRL	07/22/2025
ANGLES: ±1°	CHECKED CH	07/22/2025

SCALE: SIZE: A REV: 12 SHEET 1 OF 2

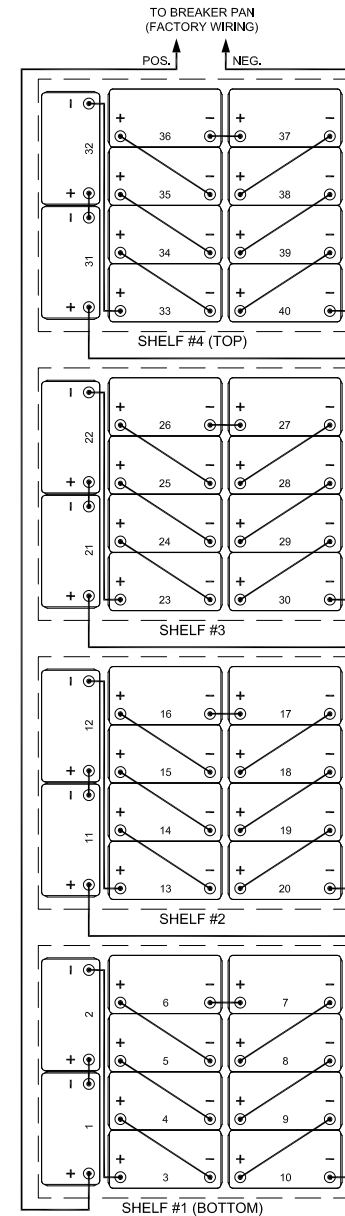
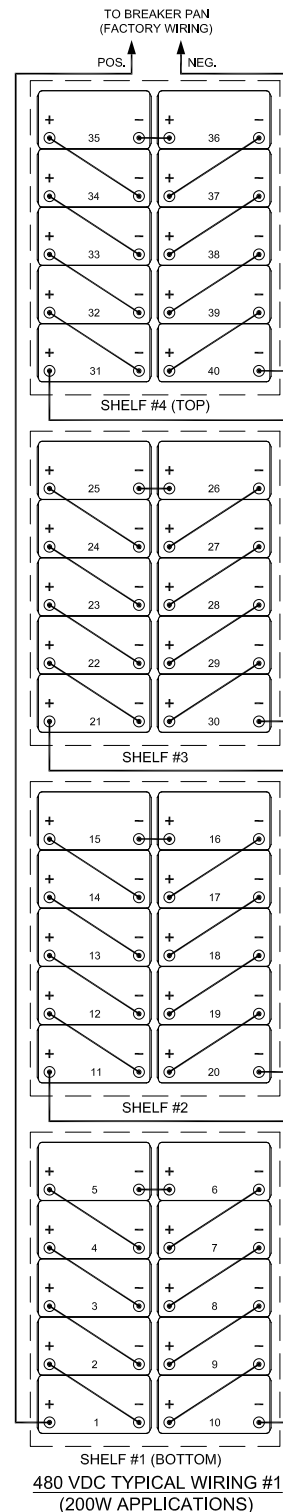
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NOTES:

1. ALL INTERNAL WIRING IS UL LISTED MTW STYLE 600V 105C RATED CLASS K STRANDING EXTRA FLEXIBLE CABLE.
2. BREAKER IS UL LISTED.
3. BREAKER ACCESSORY TERMINAL BLOCK IS UL RECOGNIZED, 600V RATED.
4. BATTERY CABINETS WITH BREAKERS ARE SHIPPED WITH BREAKER IN THE OFF POSITION.
5. GROUND LUG ACCEPTS (1) #14-1/0 AWG CABLE.
6. BATTERY CABINETS ARE SHIPPED WITH BATTERY JUMPER REMOVED TO BREAK STRING VOLTAGE FOR ADDED SAFETY IN SHIPPING. JUMPER MUST BE CONNECTED DURING CABINET INSTALLATION. REFER TO THE SYSTEM DRAWING INCLUDED INSIDE CABINET TO IDENTIFY THE JUMPER THAT IS REMOVED.
7. ALL CONTROL WIRING IS POWERED FROM AN OUTSIDE SOURCE.
8. FOR BATTERY TORQUE INFORMATION REFER TO THE SYSTEM DRAWING INCLUDED INSIDE CABINET OR SEE LABEL ON BATTERY CASE.
9. FOR TERMINAL BLOCK TORQUE INFORMATION REFER TO THE ACCESSORY BLOCK WIRING LABEL LOCATED INSIDE THE CABINET DOOR.
10. FOR CIRCUIT BREAKER ACCESSORY AND TORQUE INFORMATION REFER TO THE CIRCUIT BREAKER INFO LABEL LOCATED INSIDE THE CABINET DOOR.
11. CABLES FROM BATTERY CABINET TO UPS SYSTEM ARE PROVIDED BY OTHERS.



**BC43 BATTERY CABINET
ELECTRICAL DRAWING**

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TOLERANCES: DECIMALS: .XX ±.13 .XXX ±.062	DRAWN JRL	07/22/2025
ANGLES: ±1°	CHECKED CH	07/22/2025
SCALE: NTS	SHEET 2 OF 2	REV: A 12

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