

FRONT VIEW
(DOOR REMOVED)

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

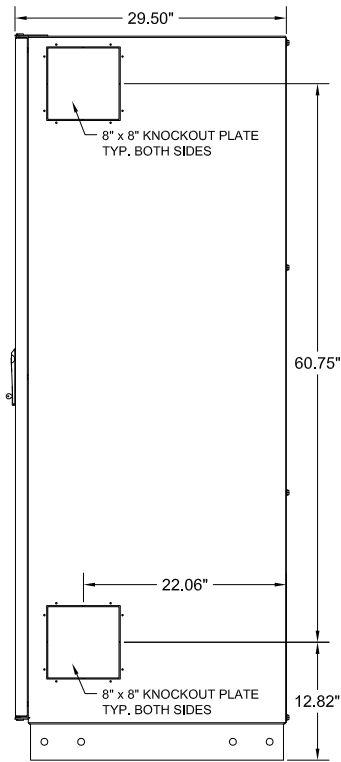
CLEARANCE BETWEEN TOP
RAIL AND MOUNTING PAN
14.29"

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

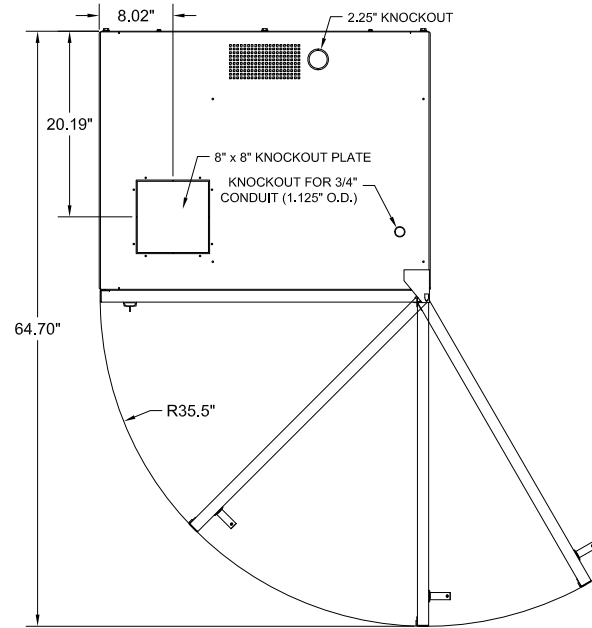
RAILS TURNED UP IN FRONT OF CABINET
TO ALLOW ADDED SPACE FOR INCREASED
SAFETY DURING BATTERY MAINTENANCE

2" HIGH O.D. BATTERY SUPPORT RAILS

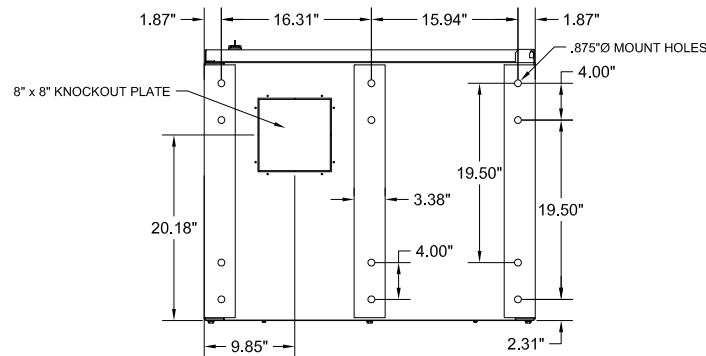
14.25" TYPICAL CLEARANCE BETWEEN
RAILS AT CABINET FRONT



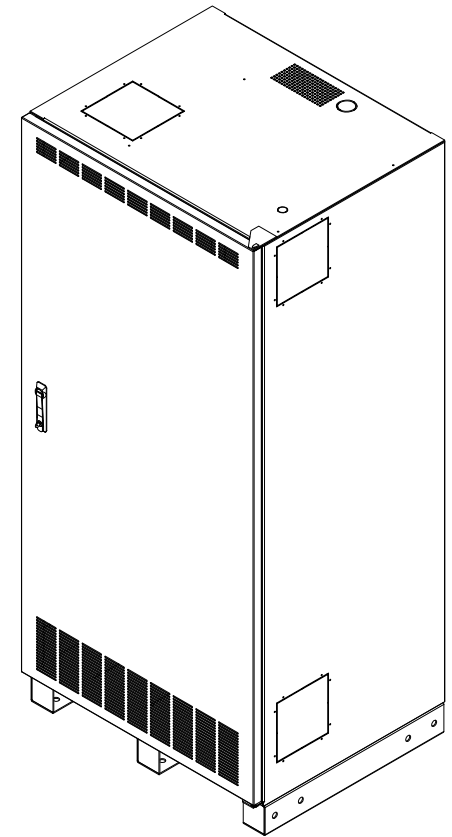
RIGHT SIDE VIEW



TOP VIEW
(WITH DOOR SWING)



BOTTOM VIEW



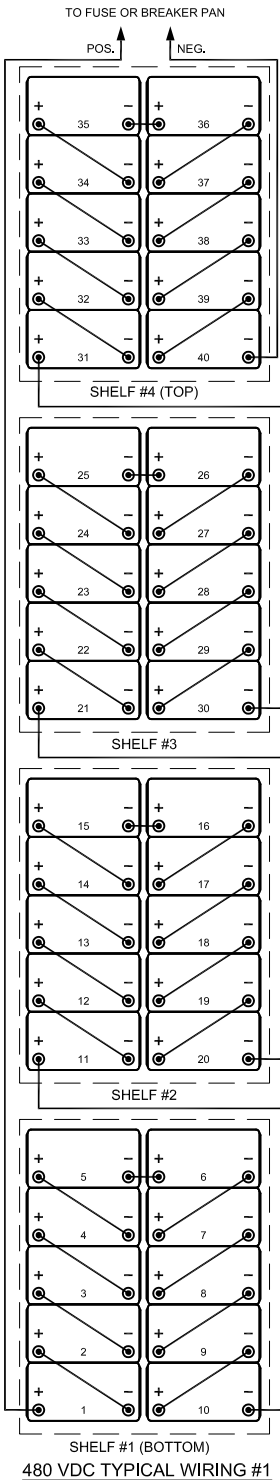
CABINET NOTES:

EMPTY CABINET WEIGHT: 488 LBS

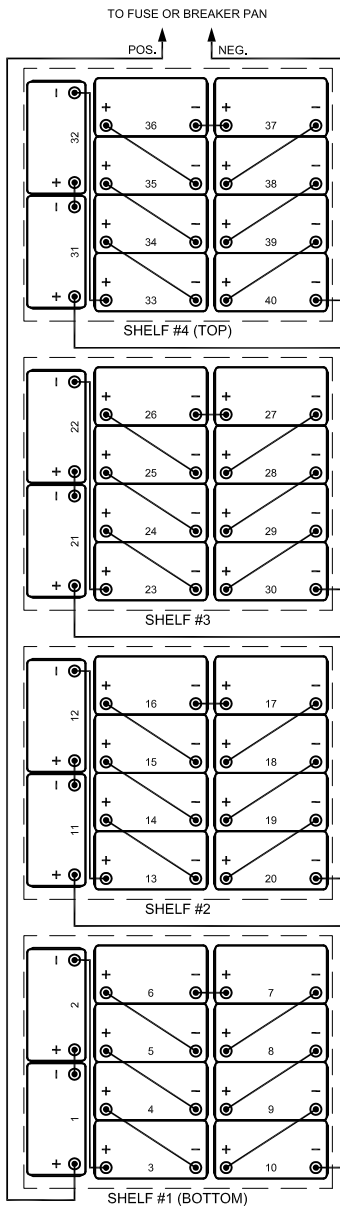
1. NEMA 1 ENCLOSED BATTERY CABINET.
2. FACTORY ASSEMBLED CABINETS ARE LISTED TO UL 1778.
3. HEAVY GAUGE WELDED STEEL CONSTRUCTION.
4. AVAILABLE IN MULTIPLE COLORS OF DURABLE CHIP AND CORROSION RESISTANT POWDER COAT FINISH.
5. FOR EASE OF CONDUIT INSTALLATION, (1) 8" X 8" CONDUIT PLATE IS PROVIDED TO REPLACE A KNOCKOUT IN THE CABINET.
6. BATTERIES CAN BE ACCESSED FROM THE FRONT AND REAR.
7. 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.
8. THE BC43S SEISMIC OPTION IS SEISMICALLY QUALIFIED FOR USE WITH THE 2007 & 2010 EDITION OF THE CALIFORNIA BUILDING CODE AND THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE WHERE CONTINUED OPERATION OF THE SYSTEM IS NECESSARY FOLLOWING A DESIGN LEVEL EARTHQUAKE (SDS=1.93; z/h=1.0).

BC43 BATTERY CABINET			
MECHANICAL DRAWING			
DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	JRL
DECIMALS: .XX ±.13		CHECKED	CH
ANGLES: ±1°			01/24/11
MATERIAL: SEE NOTES SHEET 1			01/25/11
FINISH: SEE NOTES SHEET 1			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE:	SIZE: A	REV: 4	SHEET 1 OF 2
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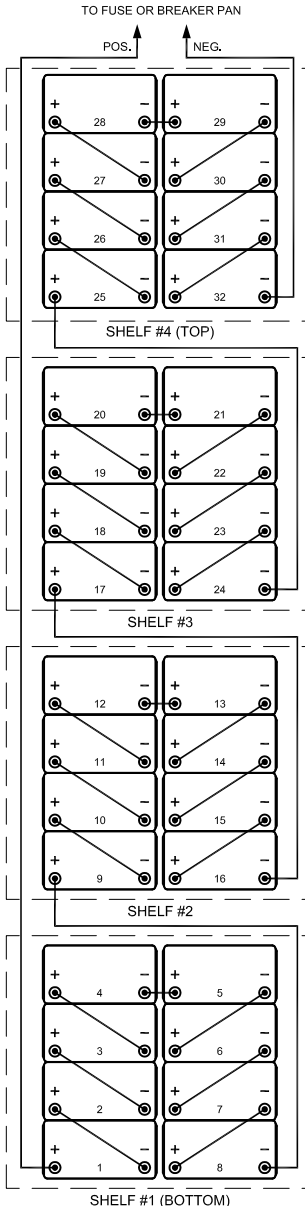
DRAWING # 91442-SDC01-1 REV3



SHELF #1 (BOTTOM)
480 VDC TYPICAL WIRING #1



480 VDC TYPICAL WIRING #2



384 VDC TYPICAL WIRING

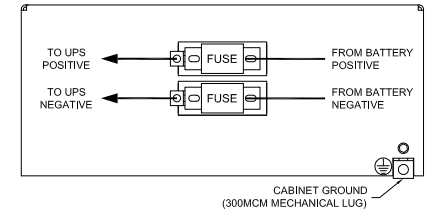
ELECTRICAL NOTES:

1. ALL INTERNAL WIRING IS UL LISTED, MTW, STYLE, 105C, EXTRA FLEXIBLE CABLE.
2. FUSE IS UL RECOGNIZED, TYPE A50P OR A70P. REPLACE FUSES ONLY WITH SAME TYPE AND RATING AS SUPPLIED WITH SYSTEM!
3. BREAKER IS UL LISTED.
4. CABINETS WITH BREAKERS ARE SHIPPED WITH BREAKER IN THE OFF/OPEN POSITION.
5. CABINETS ARE SHIPPED WITH BATTERY JUMPER REMOVED TO BREAK STRING VOLTAGE FOR ADDED SAFETY IN SHIPPING.
6. THE TERMINAL BLOCKS ARE UL RECOGNIZED, 600V RATED.
7. CABLES FROM BATTERY CABINET TO UPS SYSTEM ARE OPTIONAL.
8. GROUND CONNECTION IS #6-300MCM MECHANICAL LUG.

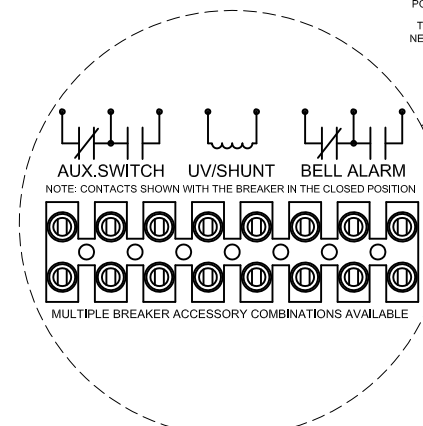
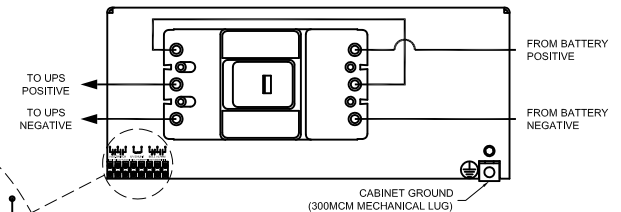
BATTERY CONFIGURATIONS

WPC CAPACITY	MAXIMUM NUMBER OF BATTERIES
200 W	60
300 W	40
350 W	40
400 W	40
500 W	40
540 W	40
620 W	40

FUSE PAN



BREAKER PAN



BC43 BATTERY CABINET			
ELECTRICAL DRAWING			
DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:	DECIMALS: .XX ±.13	DRAWN: JRL	01/24/11
ANGLES: ±1°	CHECKED: CH		01/25/11
MATERIAL: SEE NOTES SHEET 1			
FINISH: SEE NOTES SHEET 1			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE: NTS	SHEET: A	REV: 3	SHEET 2 OF 2

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