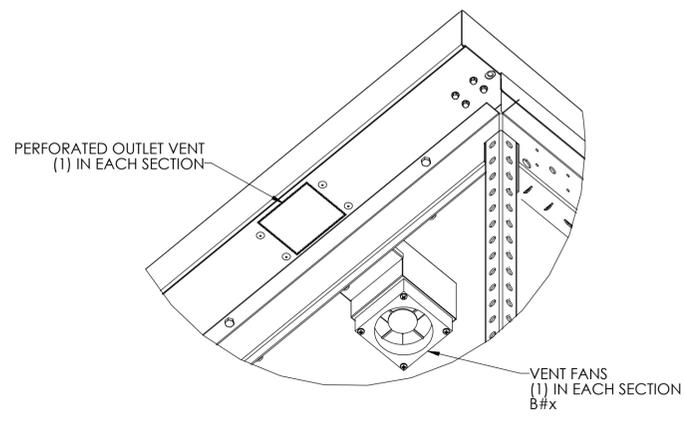
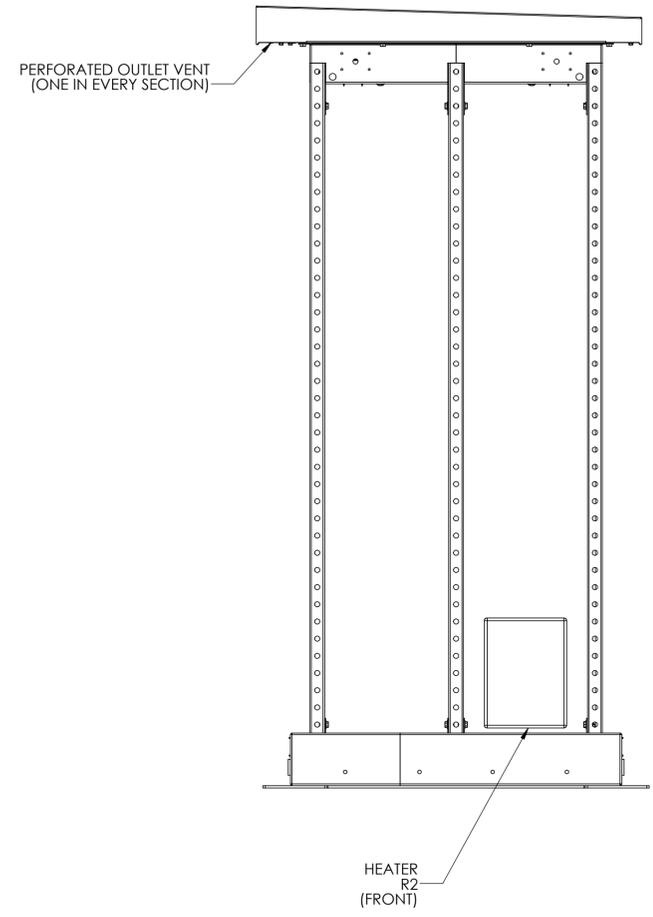
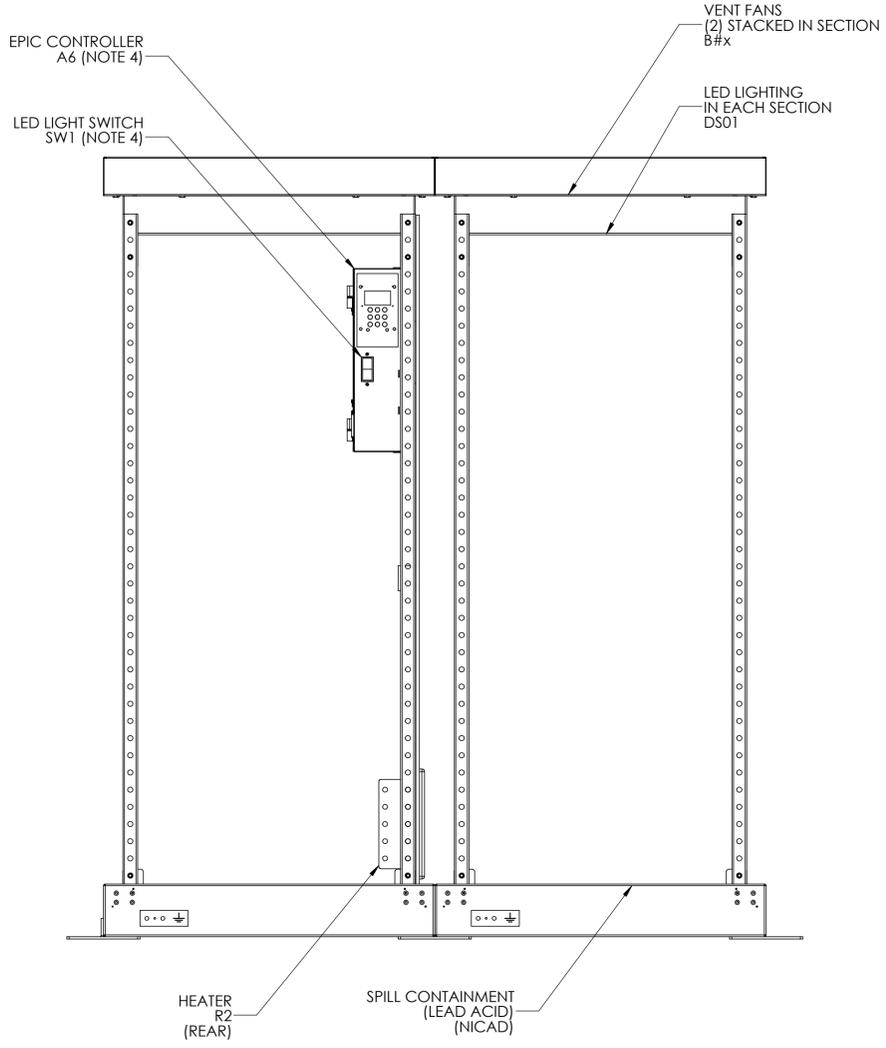
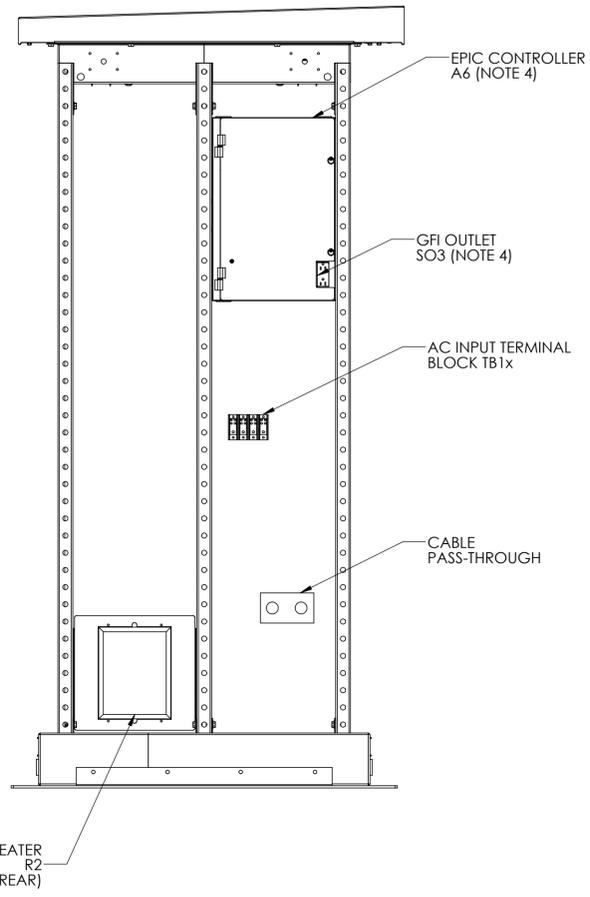


DESIGN NOTES:

- ENCLOSURE IS A NEMA-3R TYPE CABINET WITH GASKETING AND FOAM INJECTED PANELING. FINISH IS ANSI 61 GREY POWDERCOAT.
- HINGES MADE OF STAINLESS STEEL GRADE 316
- CONDUIT ENTRY PROVIDED THROUGH SIDE PANEL 10.5in BY 14in GLAND PLATE AVAILABLE FOR KNOCKOUT. SEE FOUNDATION DRAWINGS (JE5276-52) FOR KNOCKOUT LOCATIONS. CONDUIT ACCESS ALSO AVAILABLE FROM UNDERNEATH CABINET.
- LOCATE UNIT ONTO A PERMANENT, FLAT, AND LEVELED SURFACE, PREFERABLY CONCRETE OR OTHER FIREPROOF MATERIAL. SURFACE MUST BE CAPABLE OF SUPPORTING WEIGHT OF COMPLETE SYSTEM AND INSTALLED COMPONENTS. SEE FOUNDATION DRAWING (JE5276-52) FOR LOADING INFORMATION.
- VENTILATION AND THERMAL MANAGEMENT OF BATTERIES PER IEEE 1635. SEISMIC CERTIFICATION PER IEEE 693.
- THE WEIGHT OF THE CONSOLE WITHOUT BATTERIES IS 965lb [438kg]
- FOR LIFTING, USE OPTIONAL STRAPPING SYSTEM (SEE EI5196-02).

C:\Hindle Vault\Custom Drawings\CONSOLES 2.1\2.1.2 SEC (w-STND OPT)

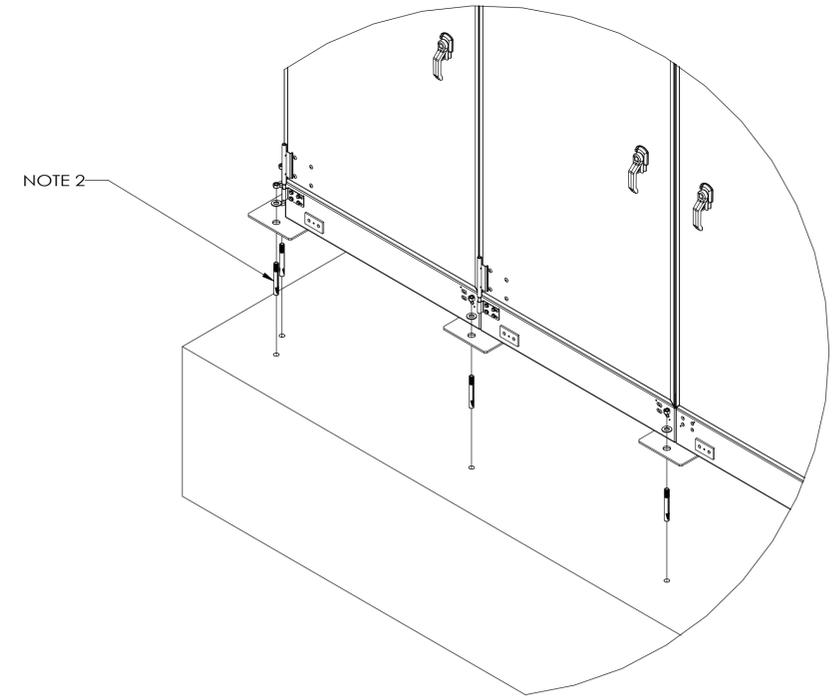
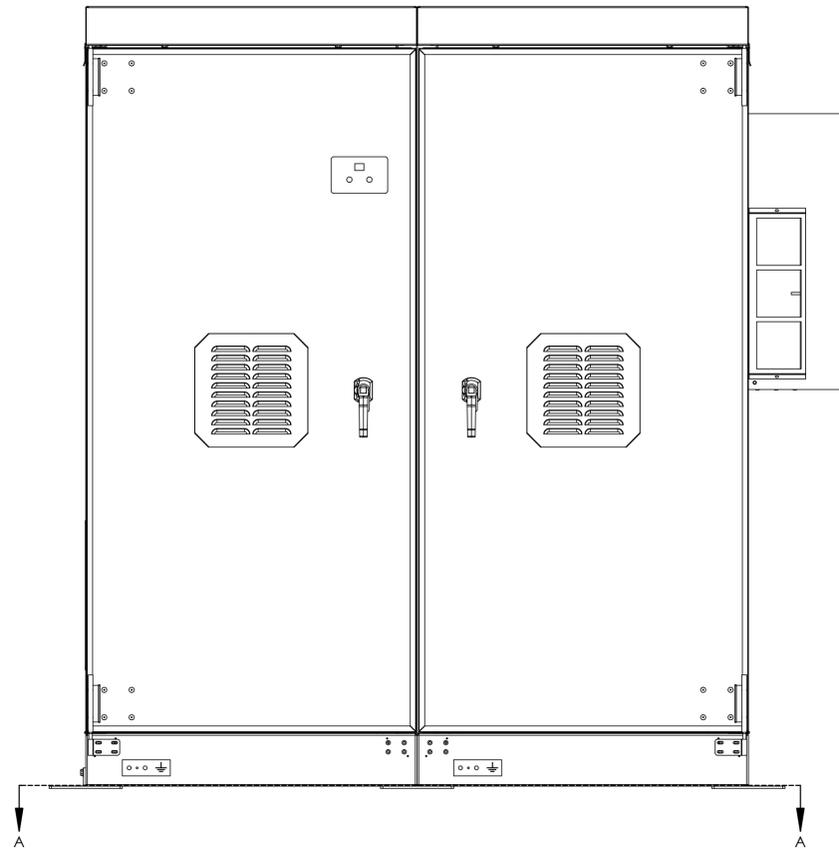
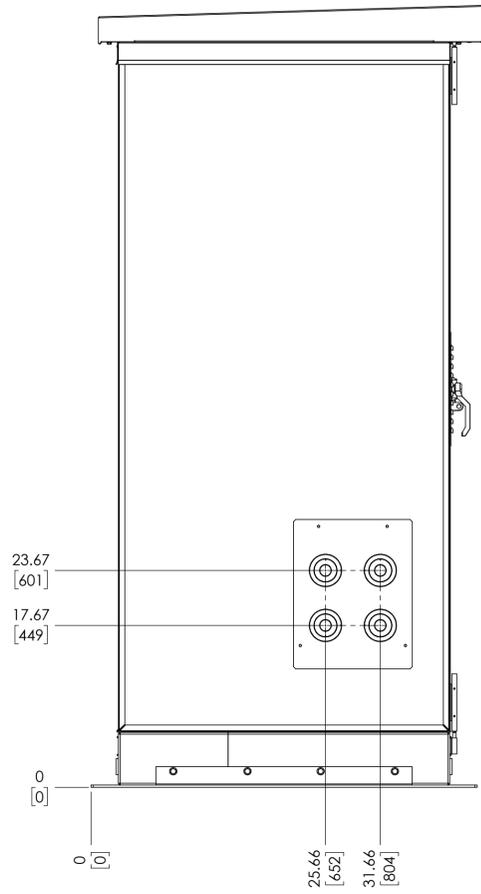
REV	DRN BY	CHK BY	APP BY	DATE	DRN BY	DATE	<p><b>HINDLEPOWER</b></p> <p>035 East 10th Street Suite 100 - 100 East P.O. Box 100 www.hindlepower.com</p>
DESCRIPTION				CHK BY	DATE	TITLE	
Initial Release				APP BY	DATE	<p>EPIC SERIES 2.0 CONSOLE</p> <p>OUTLINE: NEMA 3R 5063 ENCL</p> <p>SALES ORDER No. N/A</p>	
<small>PROPERTY AND CONFIDENTIAL NOTICE</small> <small>ANY REPRODUCTION, PARTIAL OR AS A WHOLE OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF HINDLE POWER, INC IS STRICTLY PROHIBITED.</small>							<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS FOLLOW THE AS SHOWN SYSTEM</small> <small>(INCHES-POUNDS &amp; SECONDS)</small> <small>TOLERANCES ARE: FRACTIONAL DEC: ± 0.125, ANG: ± 0.5°</small>
							<p>SCALE: DWG No. <b>D</b> 1:12</p> <p><b>JE5269-52</b></p>
						REV	SHEET
						A	1 OF 3



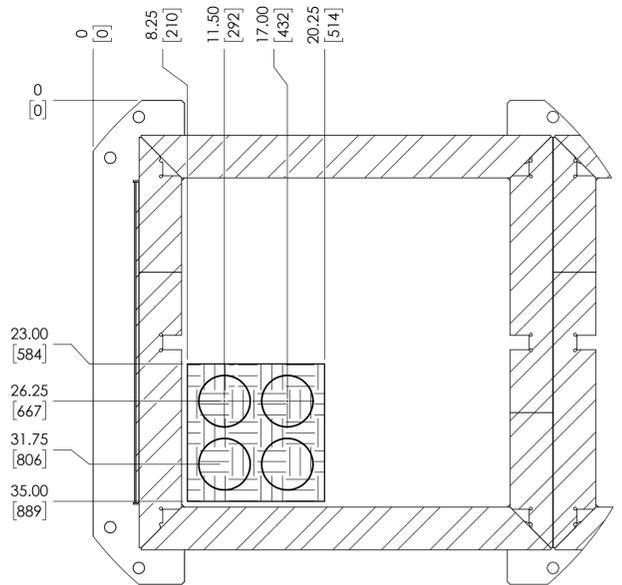
- TO PROVIDE A CLEAR VIEW OF THE CONSOLE INTERNAL COMPONENTS, THE FOLLOWING ITEMS ARE NOT SHOWN:
  - FRONT DOORS W/ EYE WASH
  - REAR PANELS/DOORS
  - LEFT AND RIGHT SIDE PANELS
- DO NOT LIFT, PUSH OR RELOCATE THE EPIC CONSOLE WITH BATTERIES INSTALLED WITHIN ENCLOSURE.
- BATTERY TYPE: REFERENCE BATTERIES (## JARS)
- EPIC CONTROLLER (A6) CONTAINS
  - A4x RELAY BOARDS
  - A5 DISPLAY BOARD
  - A12 POWER SUPPLY
  - CB# CIRCUIT BREAKERS
  - E1+/- POWER SUPPLY CONNECTION POINTS
  - ENV/S NEUTRAL/ GROUND CONNECTION POINTS
  - K2 HEATER SOLID STATE RELAY (OPTIONAL)
  - SO3 GFI OUTLET
  - SW1 LIGHT SWITCH

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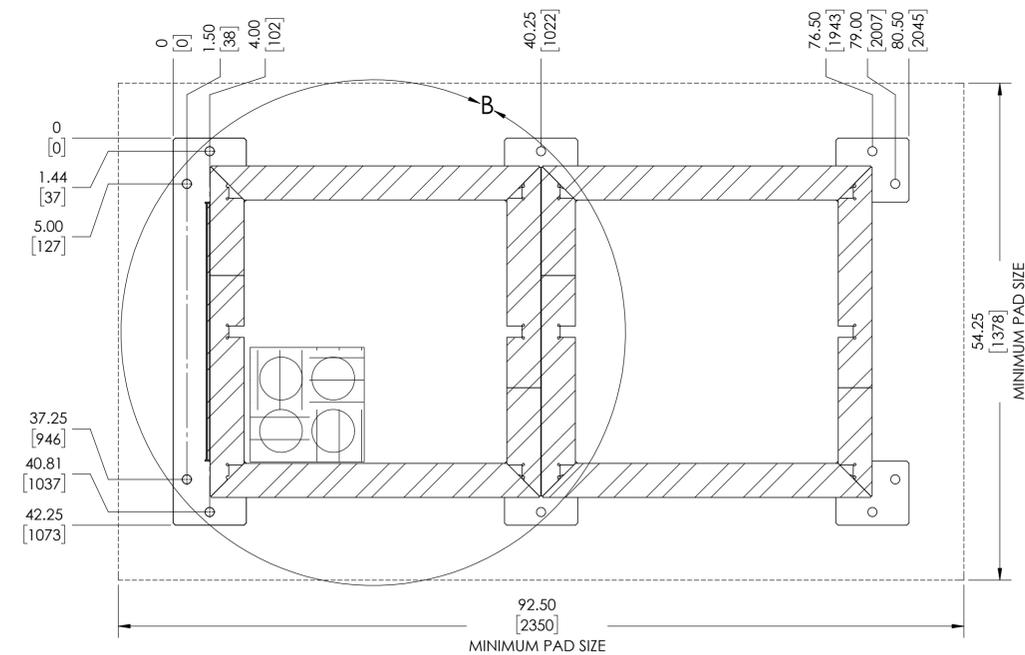
REV	DRN BY	CHK BY	APP BY	DATE	DRN BY	DATE	DRN BY	DATE	
DESCRIPTION				CHK BY		DATE		TITLE	
Initial Release								EPIC SERIES 2.0 CONSOLE	
PROPERTY AND CONFIDENTIAL NOTICE				APP BY		DATE		INTERNAL LAYOUT: 1 ELEC. / 1 BATT.	
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				SCALE		DWG No.		REV	
				D 1:10		JES270-52		A 2 OF 3	



A-A  
MOUNTING DIMENSIONS



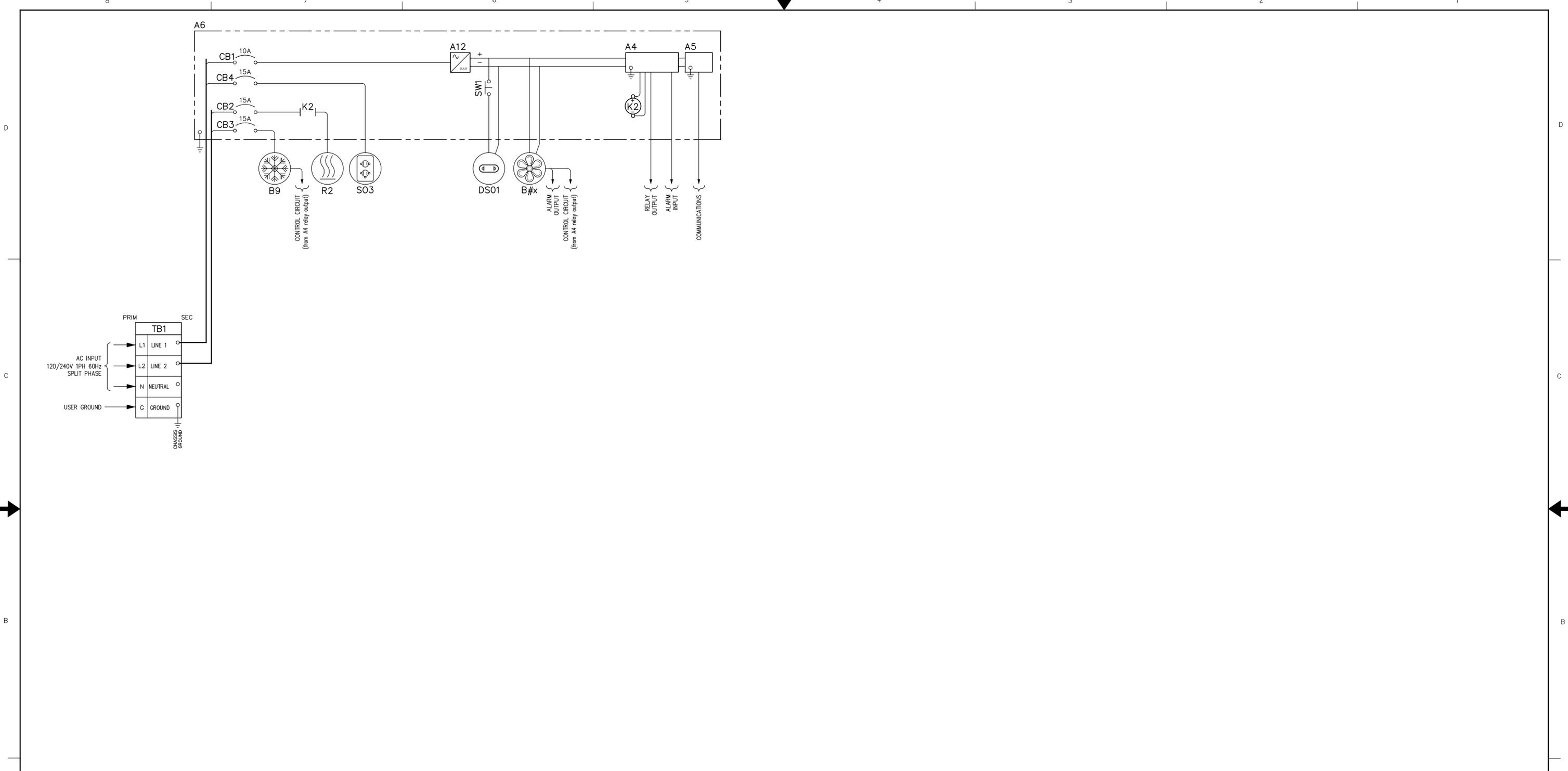
STUB-UP LOCATIONS  
DETAIL B  
SCALE 1 : 8



- NOTES:
1. MOUNTING DIMENSIONS SHOWN ON DRAWING ARE FINAL. WE RECOMMEND PLACING CONSOLE, THEN DRILLING FOR MOUNTING ANCHORS.
  2. ANCHOR BOLTS ARE TO BE HILTI M12 HDA-TR STAINLESS STEEL UNDERCUT (OR EQUIVALENT). HOLE DEPTH TO BE MINIMUM OF 5.3" [135mm], PAD DEPTH TO BE MINIMUM OF 8.0" [203mm]
  3. CONCRETE PAD TO EXTEND A MINIMUM OF 6" [153mm] FROM EDGE OF CABINET ON ALL SIDES. SEE MOUNTING DIMENSIONS BELOW. THE WEIGHT OF THE CONSOLE WITH BATTERIES (SPECIFIED IN PURCHASE ORDER) IS 961lb [436kg]
  4. CONCRETE PAD TO BE 4000 psi OR GREATER.
  5. ELECTRICAL CONDUIT MAY ENTER FROM UNDERNEATH CABINET, BUT ONLY THROUGH STUB-UP LOCATIONS SHOWN IN DETAIL B.
  6. CONDUIT ENTRY PROVIDED THROUGH SIDE PANEL 10.5in By 14in GLAND PLATE AVAILABLE FOR KNOCKOUT. KNOCKOUTS MAY NOT BE VISIBLE, USE DIMENSIONS TO VERIFY BREAKAWAY POINTS.

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EPIC SERIES COMPONENTS

SYMBOL	DESCRIPTION
A1	HYDROGEN DETECTOR
A4	HINDLE HEALTH CONTROLLER
A5	HINDLE HEALTH DISPLAY
A6	EPIC CONTROLLER
A12	12VDC POWER SUPPLY
ACF	AC PANELBOARD
B#x	VENT FANS
B9	AIR CONDITIONING UNIT
CB1	CIRCUIT BREAKER FOR A12 P/S
CB2	CIRCUIT BREAKER FOR HEATING SYSTEM
CB3	CIRCUIT BREAKER FOR AIR CONDITIONER
CB4	CIRCUIT BREAKER FOR GFI OUTLET
DCP	DC PANELBOARD
DS01	CONSOLE LED LIGHTS
DS02	RED LED
DS03	GREEN LED
K2	CONTACTOR FOR HEATING SYSTEM
R2	HEATER SYSTEM
SO3	15A GFI OUTLET
SW1	CONSOLE LED LIGHT SWITCH(ES)
SW21	MAINTENANCE DC DISCONNECT SWITCH
TB1	AC INPUT TERMINAL BLOCK

LEGEND FOR EPIC LINE

SYMBOL	DESCRIPTION
○	DEVICE TERMINAL
◊	TERMINAL BLOCK POINT IN TRANSFORMER
◆	TERMINAL BLOCK POINT FOR SCADA
◇	TERMINAL BLOCK POINT FOR COMMUNICATIONS
◈	TERMINAL BLOCK POINT IN POWER CIRCUIT BREAKER
▲	TERMINAL IN A.C. OR D.C. PANELBOARD
—	SHIPPED WITH WIRING INSTALLED
- - -	WIRING TO BE INSTALLED

I/O TERMINAL	DESCRIPTION - TYPE	CONNECTION
TB1 PRIM	L1, L2, AC INPUT / USER NTRL, GND TERMINALS - CU-ALUMINUM COMP LUG	(1) 2/0-#14 AWG
TB1 SEC	LINE 1, LINE 2 AC INPUT / USER NTRL, GND TERMINALS - CU-ALUMINUM COMP LUG	(4) #4-#14 AWG

REV. DRN BY: CMF	CHK BY: RCF	DATE: 10/18/2021	DRN BY: KJB	DATE: 10/18/2021		1075 Saint John Street Easton, PA 18042-6661 PH 610-330-8000 FAX 610-330-8009 www.hindlepowerinc.com
DESCRIPTION: STANDARD DRAWINGS.	APP. BY: RCF	DATE: 10/18/2021	FILE: EPIC SERIES 2.0 CONSOLE	SCHEMATIC: n/a		SALES ORDER NO. n/a
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