

REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	12/12/2019	PTP

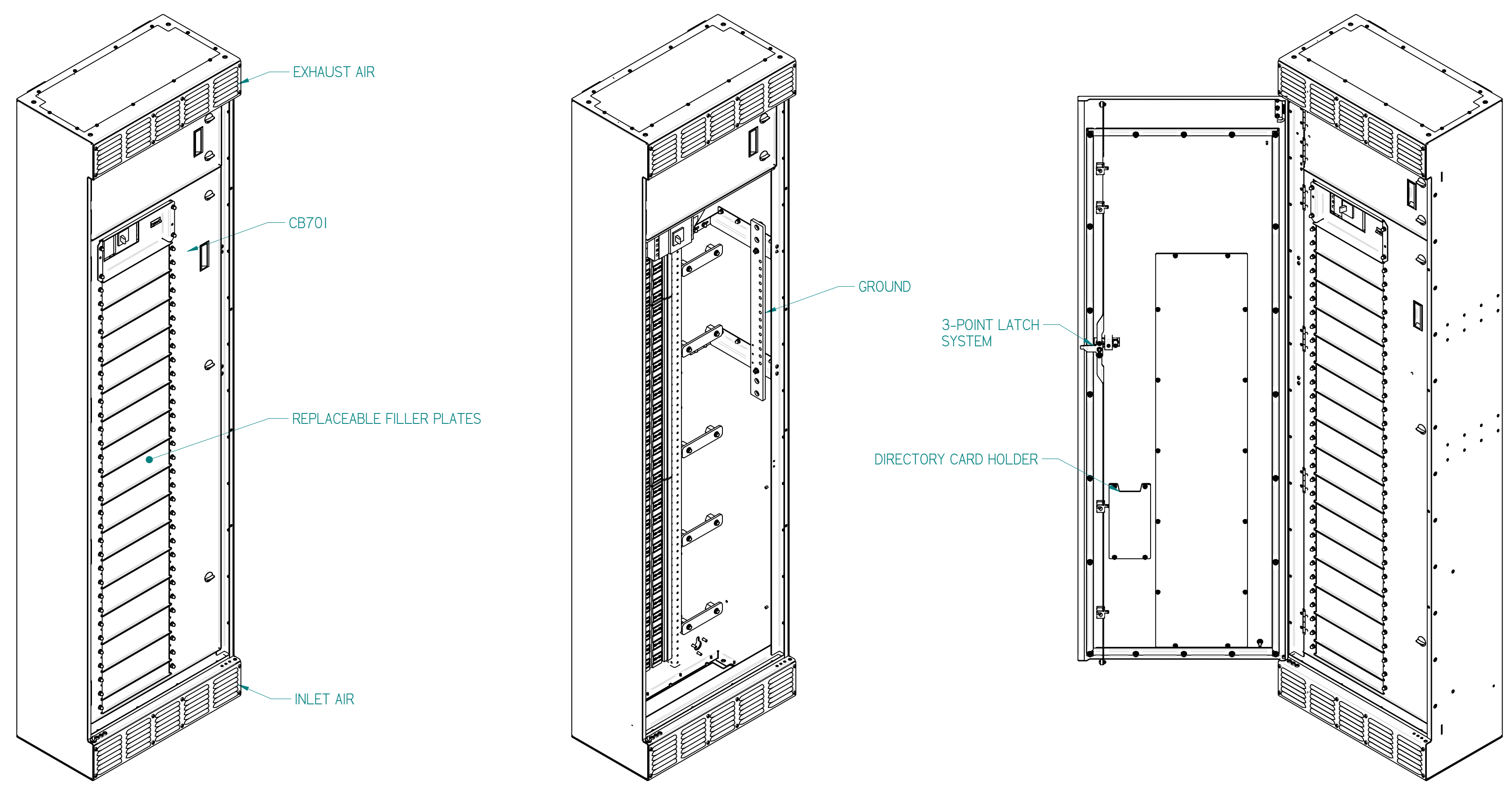
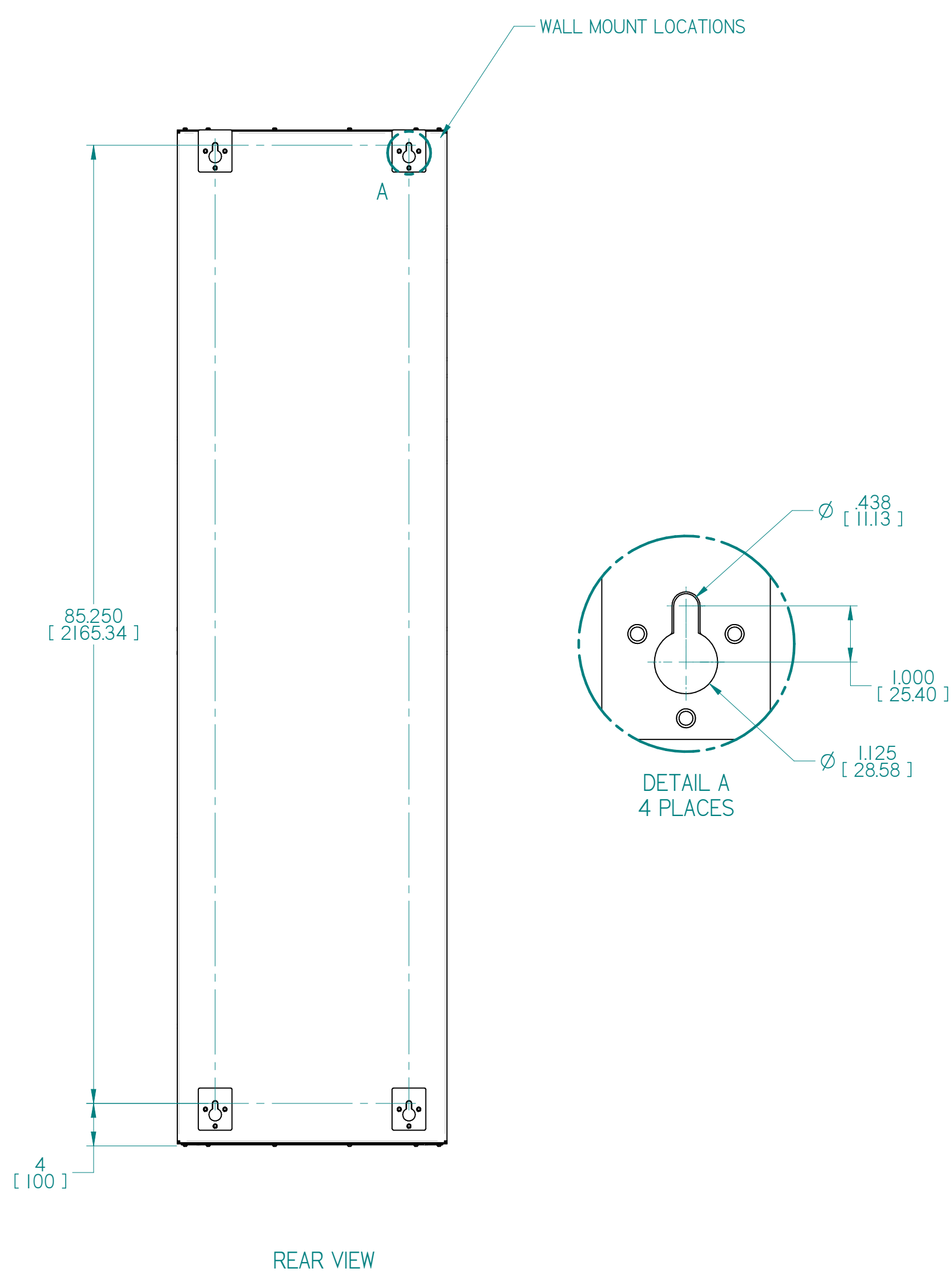
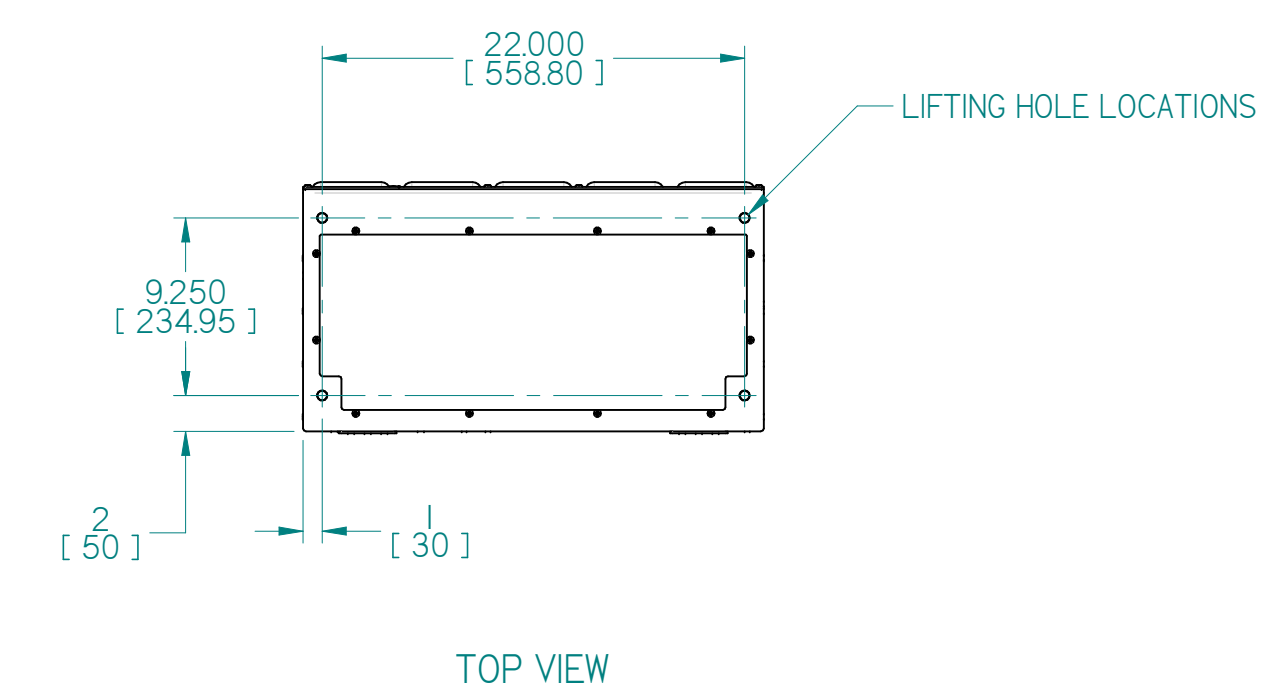
Notes:

1. Front access only for operation and servicing.
2. Top or Bottom Input/Output Cable Access is available. Removable access plate at the top/bottom of the cabinet for source input and panel board output. Optional Junction Box is available and is shown.
3. Main Input Circuit Breaker is 250AF. The Sub-Feed Output is configured, through the I200A SafePanel, for up to I14I 100AF circuit breakers.
4. See Sheet 2 for Descriptive Index of internal parts, and lifting and mounting locations. Provisions for lifting hardware are available from the exterior top surface for use with 1/2in hardware.
5. See Sheet 3 for wire connection locations and recommended wire sizes ITable II.
6. See One Line Electrical Diagram for detail of components and representation of system.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE IN mm DO NOT SCALE DRAWING					
TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± .1/2				Outline, Mounting and Installation Diagram ePanel-HDI, 250A, 480V, 3-Phase, 3-Wire + Ground	
DWN PTP	DATE 12/12/2019	SIZE D	FSCM NO.	DWG NO. 94-MS-01098501	REV A
CHK -	DATE 12/12/2019	SCALE 1:10	94-MS-01098501-ASHTI	SHEET 1 of 3	

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FIRST ANGLE PROJ.

LayerZero POWER SYSTEMS, INC.

Outline, Mounting and Installation Diagram
ePanel-HDI, 250A, 480V, 3-Phase, 3-Wire + Ground

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CHK -	DATE 12/12/2019	SCALE 1:10	94-MS-01098501-ASHT2	SHEET 2 of 3	
APVD PTP	DATE 12/12/2019				

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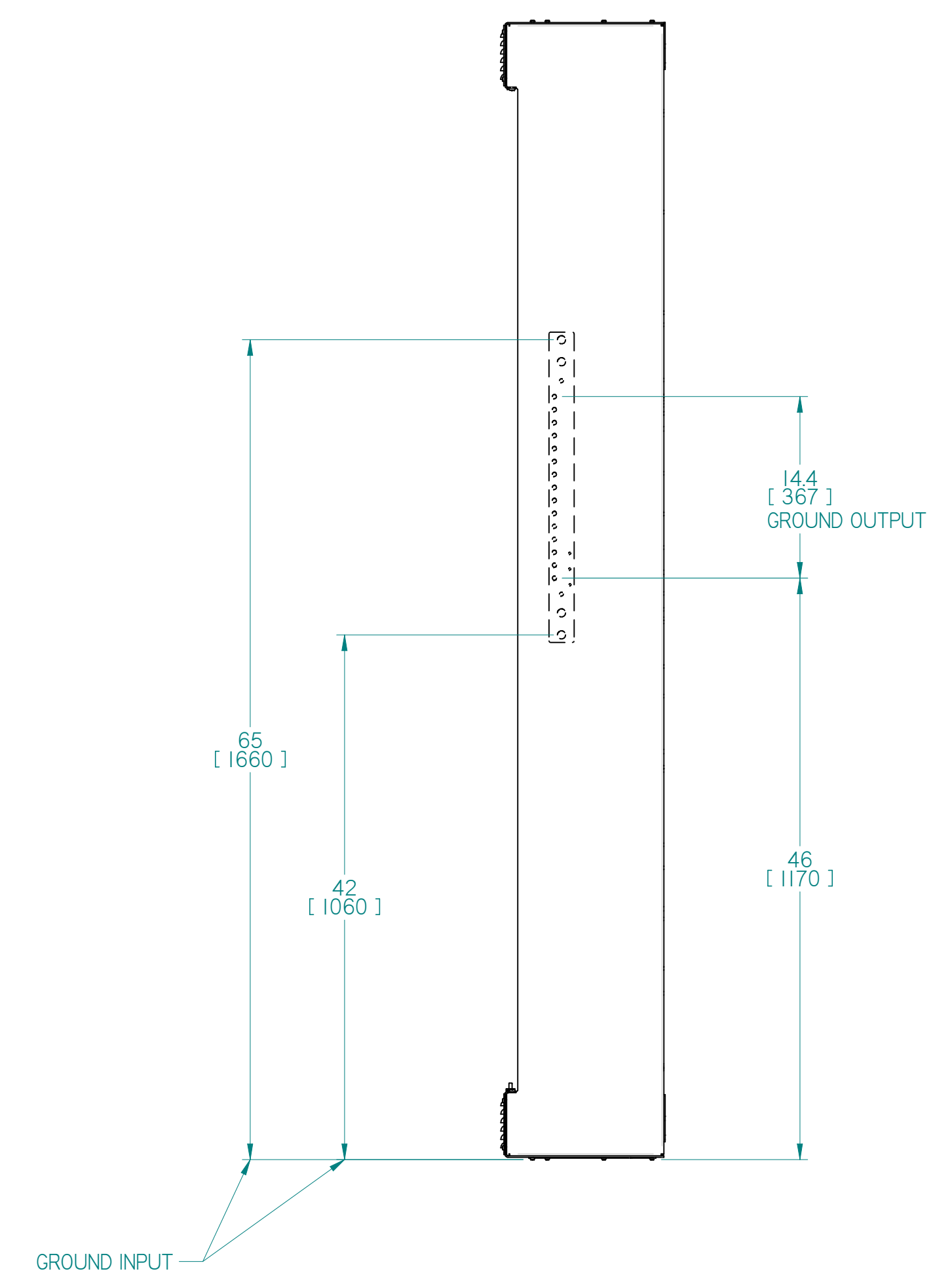
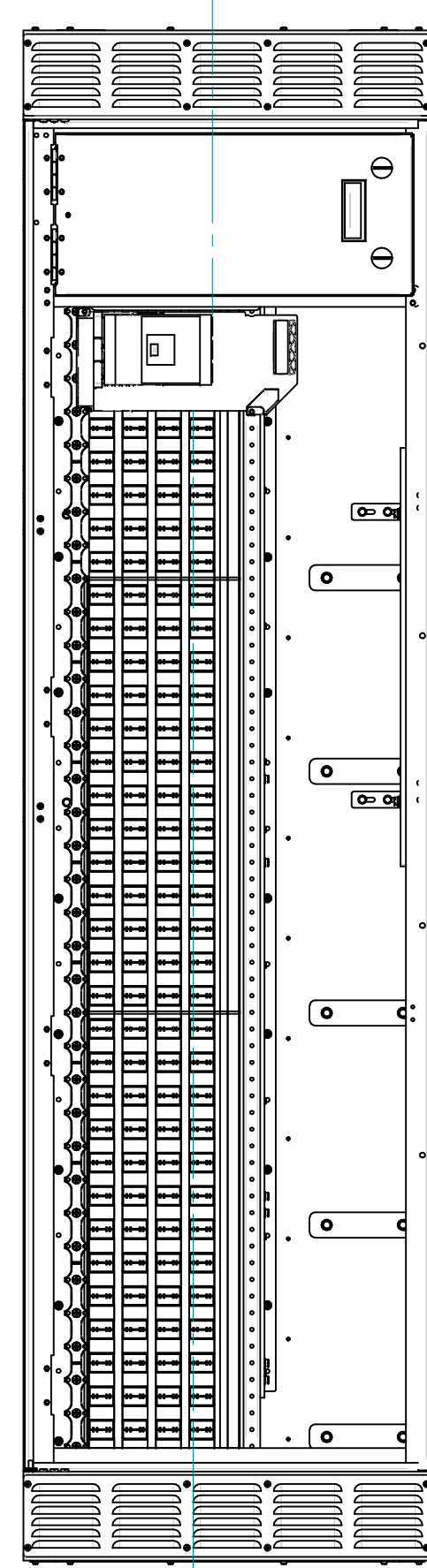
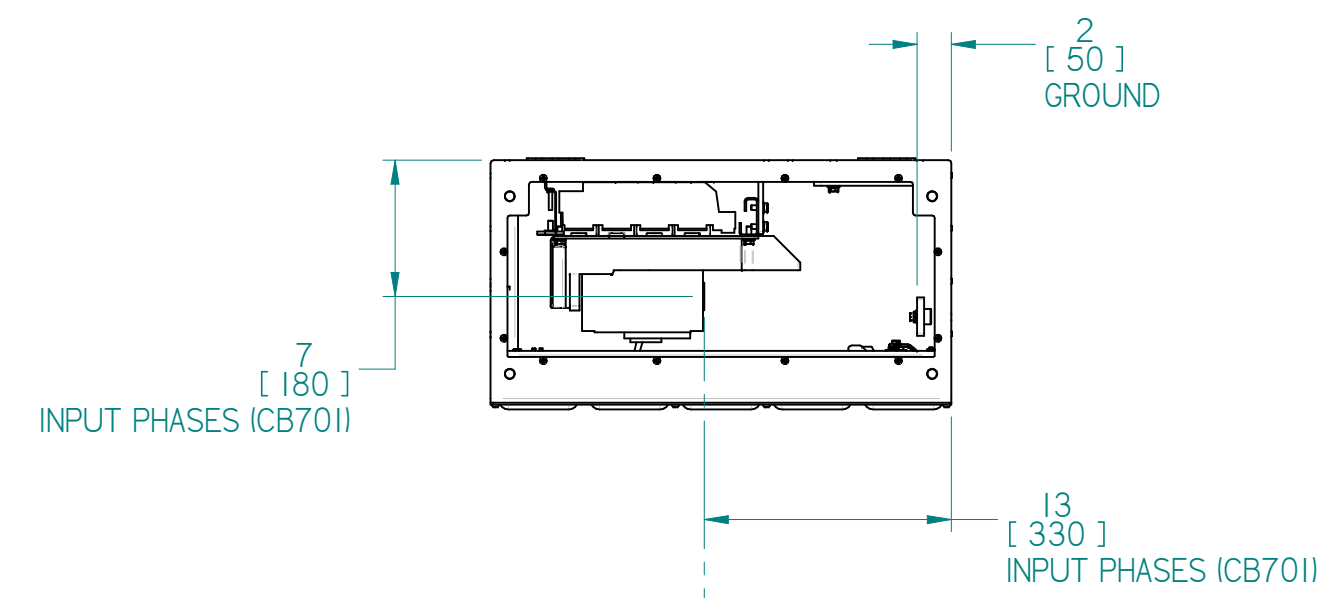


TABLE I				
Compression lugs for Source Input Phases, Ground, and Neutral lugs provided by others				
DESCRIPTION	CABLE SIZE AND LUGS			
	RECOMMENDED COPPER WIRE SIZE (75 °C WIRE MIN)	RECOMMENDED ALUMINUM WIRE SIZE (75 °C WIRE MIN)	MAXIMUM WIRE CONNECTIONS	LUG TYPE & SIZE (75 °C WIRE MIN)
CB701 INPUT PHASES	PER CB701 SPECIFICATION	PER CB701 SPECIFICATION	PER CB701 SPECIFICATION	MECHANICAL LUG PROVIDED ON CB
INPUT GROUND	350 MCM MAX	500 MCM MAX	(2) STACKED	NEMA 2-HOLE (Ø ½") ON 1-¾" CENTER BUS LANDING
1200A PANEL BOARD OUTPUT PHASES	PER BRANCH BREAKER SPECIFICATION	PER BRANCH BREAKER SPECIFICATION	PER BRANCH BREAKER SPECIFICATION	MECHANICAL LUG PROVIDED ON CB
OUTPUT GROUND BUS	1/0 - 350 MCM	1/0 - 350 MCM	14	1-HOLE (Ø 1/4") BUS LANDING
CONTROL WIRE (MONITORED CONFIGURATION ONLY)	#16-20 AWG STRANDED	N/A	N/A	NOT REQUIRED

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Outline, Mounting and Installation Diagram
ePanel-HDI, 250A, 480V, 3-Phase, 3-Wire + Ground

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CHK -	DATE 12/12/2019	SCALE 1:10		94-MS-01098501-ASHT3	SHEET 3 of 3
APVD PTP	DATE 12/12/2019				