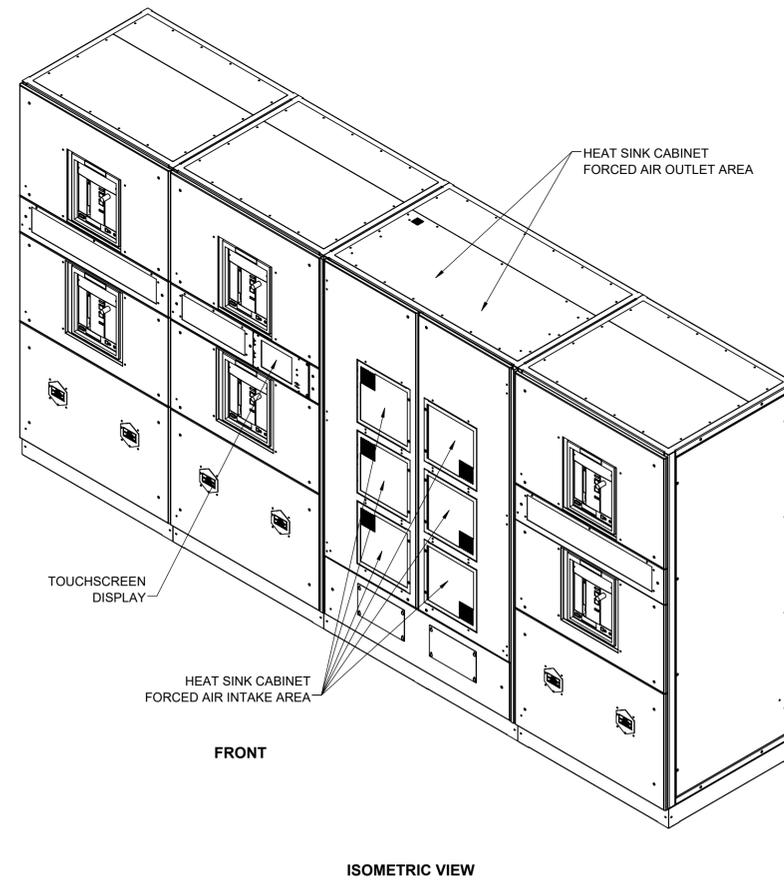
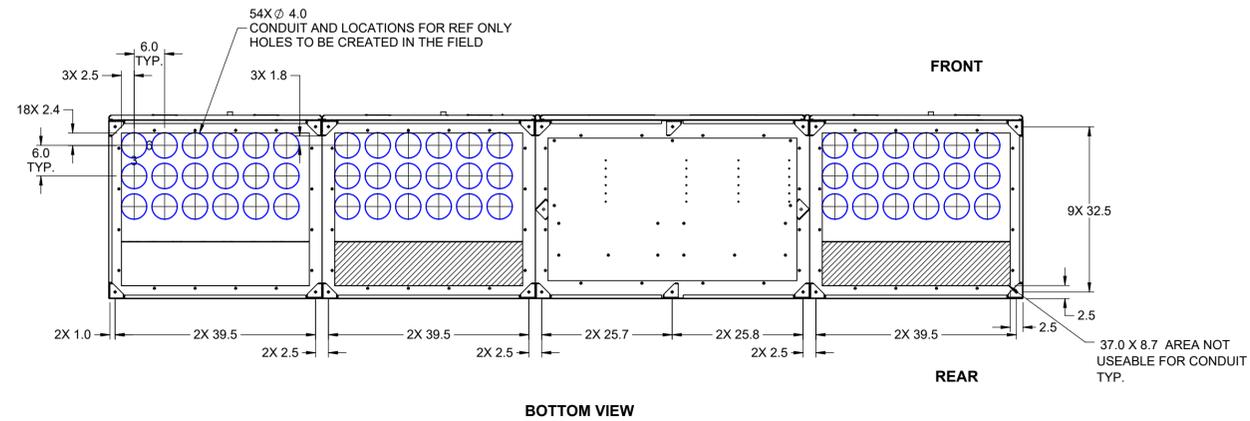
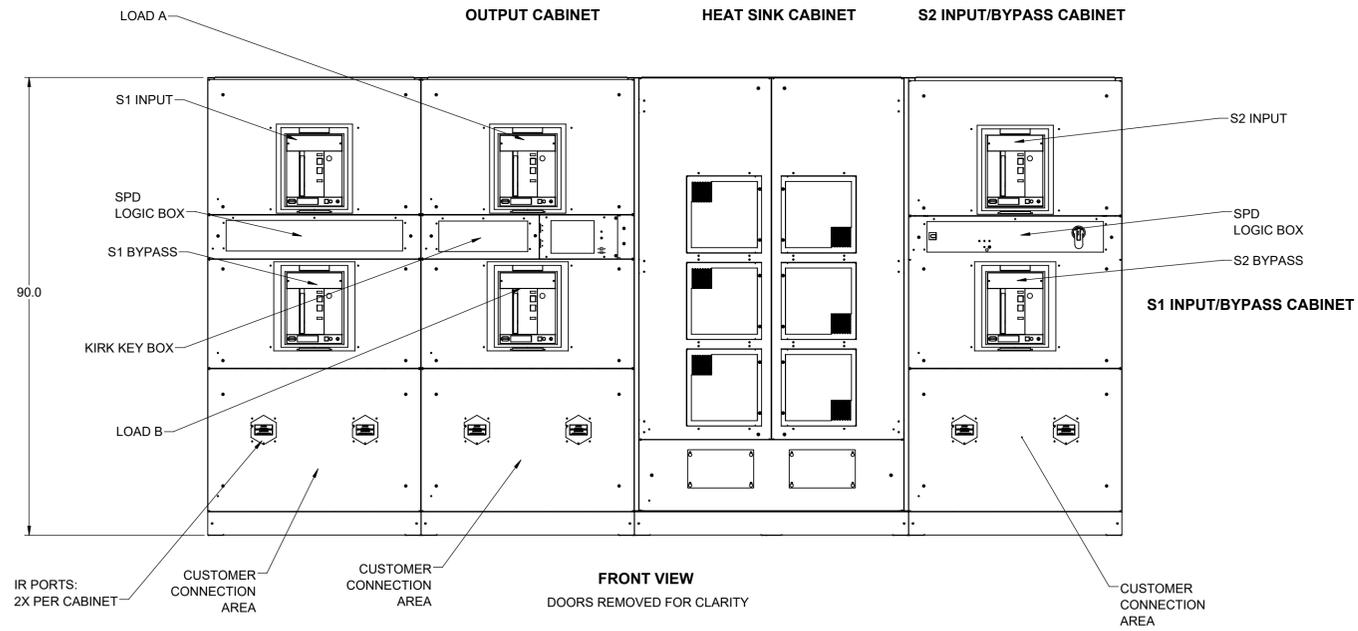
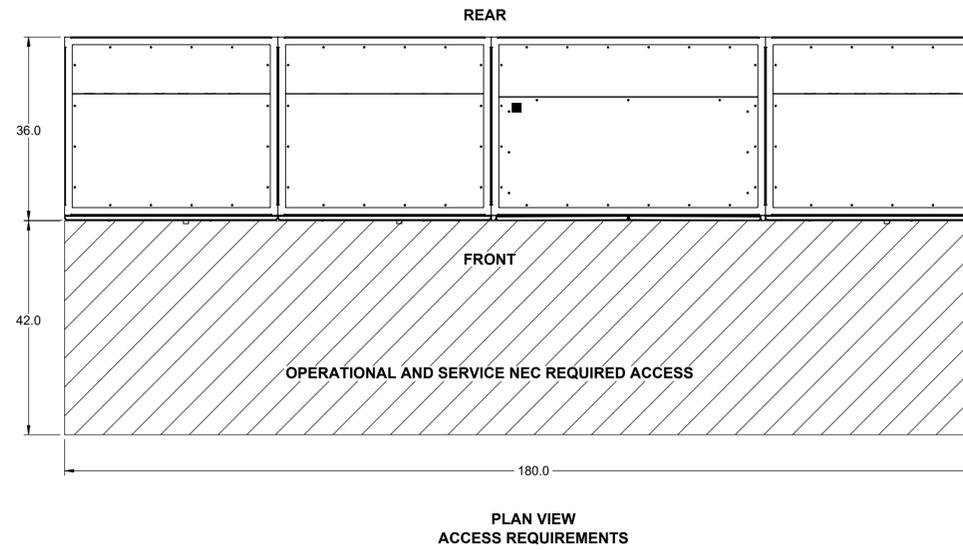
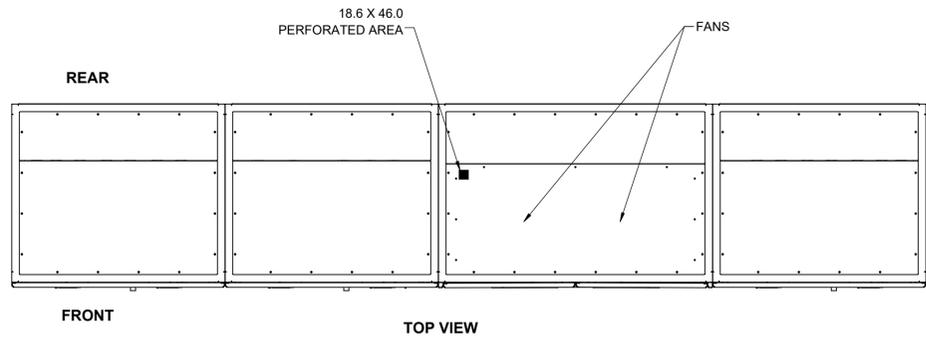


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NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.
- REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO SITE PREPARATION OR INSTALLATION.
- OPERATING TEMPERATURE RANGE: 0° TO 40°C (32°F TO 104°F).
- SYSTEM COOLING REQUIREMENTS: FORCED AIR CONVECTION.
- SYSTEM WEIGHT:

S1 INPUT CABINET	1802 LBS (817 kg)
OUTPUT CABINET	2058 LBS (934 kg)
HEAT SINK CABINET	2889 LBS (1310 kg)
S2 INPUT CABINET	1802 LBS (817 kg)
TOTAL	8551 LBS (3879 kg)
- OPERATIONAL ACCESS VIA FRONT DOORS. MAINTENANCE AND CONNECTION ACCESS VIA FRONT DOORS AND REMOVEABLE SIDE PANELS (DEPENDING ON ACCESS - SEE NOTE 7).
- RECOMMENDED MINIMUM CLEARANCES:

FRONT	= 42"
LEFT	= 42" OPTIONAL
RIGHT	= 42" OPTIONAL
TOP	= 36"
REAR	= 0"
- SYSTEM MUST HAVE ALL PANELS INSTALLED FOR PROPER OPERATION.
- FINISH: FRAME AND OUTER PANELS, POWDER COAT INTERIOR, GALVANIZED ZINC ELECTROPLATE.
- CABLE ENTRY:  
BOTTOM ENTRY - BOTTOM EXIT
- BUSBAR TERMINALS FURNISHED WITH NEMA 2-HOLE LANDINGS. SEE SHEET 2 DETAILS A AND B.
- BUSBAR IS DESIGNED FOR CABLE SIZES UP TO 14 X 750 MCM PER PHASE.

Part must comply with company doc. 94-10-000001.  
Interpret drawing in accordance with ASME Y14.5-2009.

Tolerance  
X.XX = None  
X.XXX = ± 0.30

Prepared  
PLH

Approved  
GTM

Division/Dept.  
Power Protection

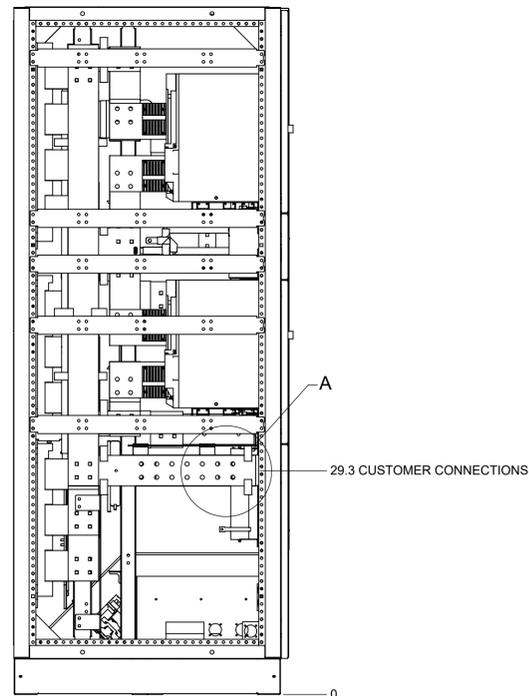
Document Kind  
Outline

Reference  
N/A

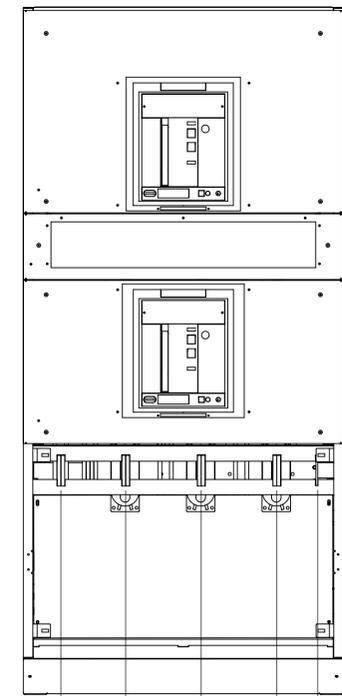
**ABB**

Rev.	ECN#	PLH Resp.	INITIAL RELEASE Description	Date
			INITIAL RELEASE	4/16/2020
Revision Table				
Title <b>OUTLINE DRAWING, 3000/4000A SS4, BOTTOM CABLE ENTRY</b>			Units Inch	Sheet Size D
Reference N/A			Scale 1:18	
Item No. Item ID from PLM		Item Rev. Item Revision from PLM		
Doc. Rev. 94-9200-00071810		Page A00 1 / 3		

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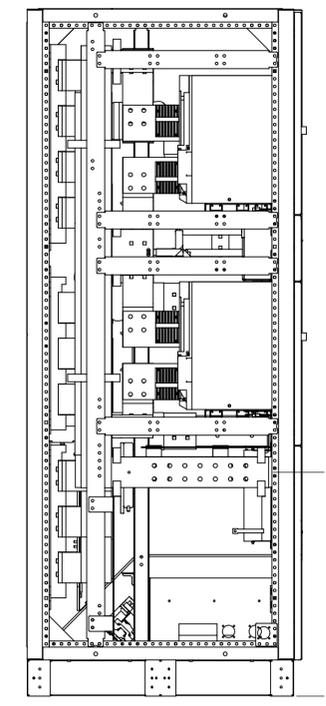


**LEFT SIDE VIEW  
S1 INPUT/BYPASS CABINET**  
SIDE PANELS AND SUPPORTS  
REMOVED FOR CLARITY

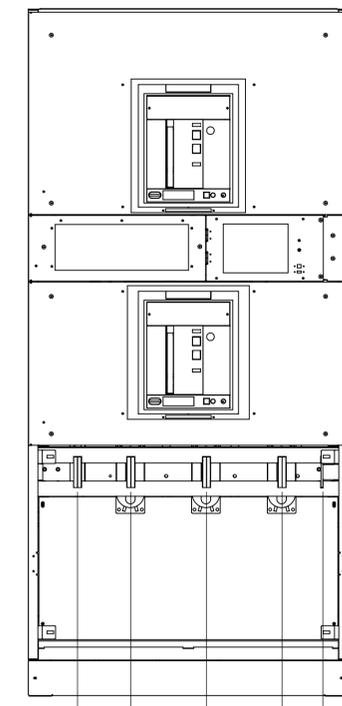


**FRONT VIEW  
S1 INPUT/BYPASS CABINET**  
DOORS AND DEADFRONT  
REMOVED FOR CLARITY

37.1 NEUTRAL  
(OPTIONAL)  
28.6 ØA S1 INPUT  
18.7 ØB S1 INPUT  
8.7 ØC S1 INPUT  
3.4 GROUND  
0

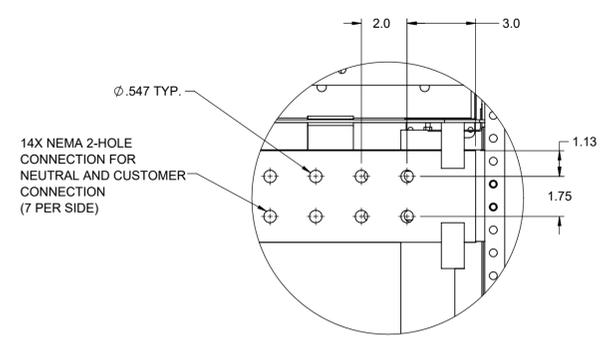


**LEFT SIDE VIEW  
OUTPUT CABINET**  
SIDE PANELS AND SUPPORTS  
REMOVED FOR CLARITY

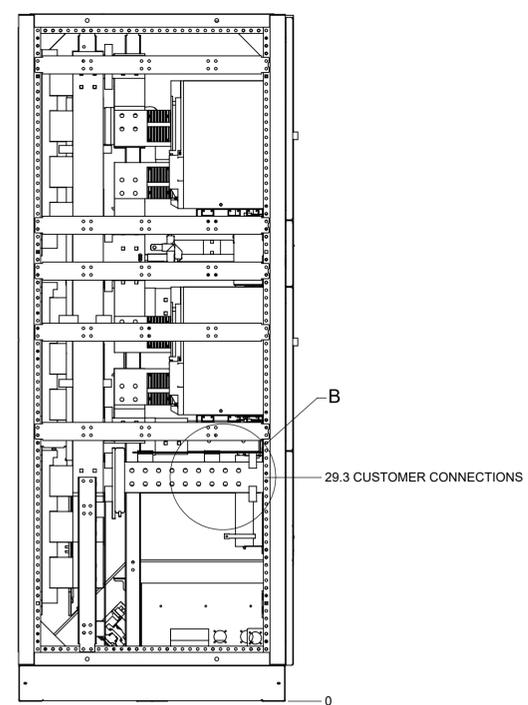


**FRONT VIEW  
OUTPUT CABINET**  
DOORS AND DEADFRONT  
REMOVED FOR CLARITY

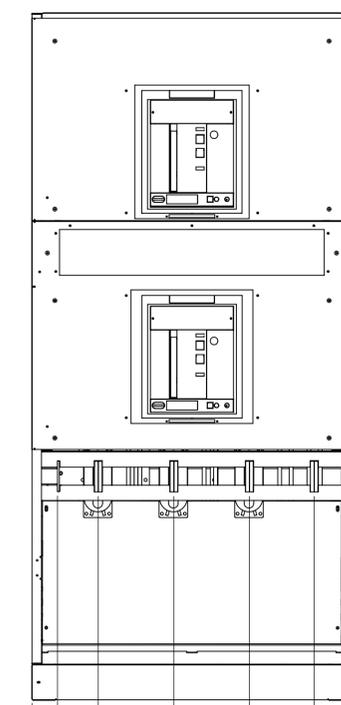
35.6 NEUTRAL  
(OPTIONAL)  
28.6 ØA OUTPUT  
18.6 ØB OUTPUT  
8.7 ØC OUTPUT  
3.4 GROUND  
0



**DETAIL A  
NEUTRAL AND CUSTOMER Ø BUS BAR**  
SCALE 1 : 4

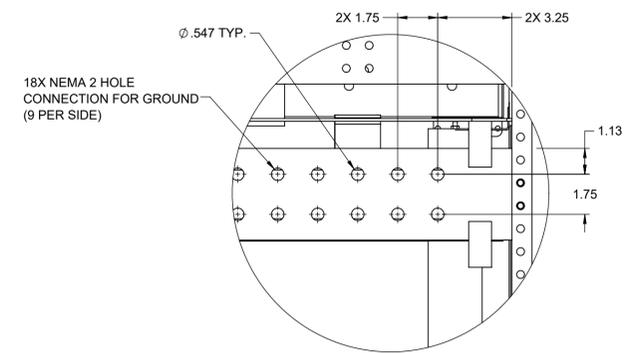


**LEFT SIDE VIEW  
S2 INPUT/BYPASS CABINET**  
SIDE PANELS AND SUPPORTS  
REMOVED FOR CLARITY



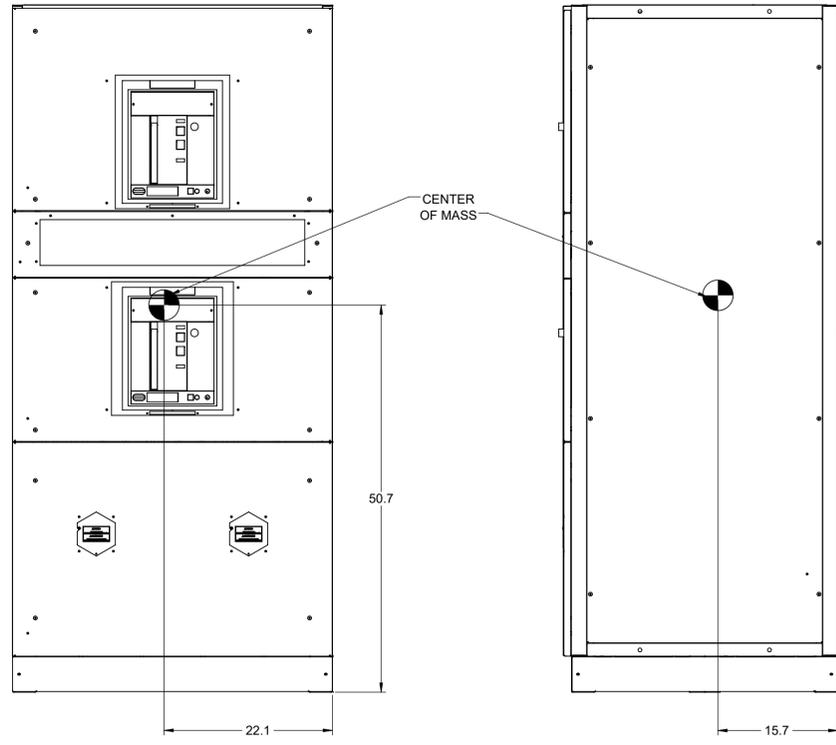
**FRONT VIEW  
S2 INPUT/BYPASS CABINET**  
DOORS AND DEADFRONT  
REMOVED FOR CLARITY

3.4 GROUND  
8.7 ØA S2 INPUT  
18.6 ØB S2 INPUT  
28.5 ØC S2 INPUT  
37.0 NEUTRAL  
(OPTIONAL)  
0



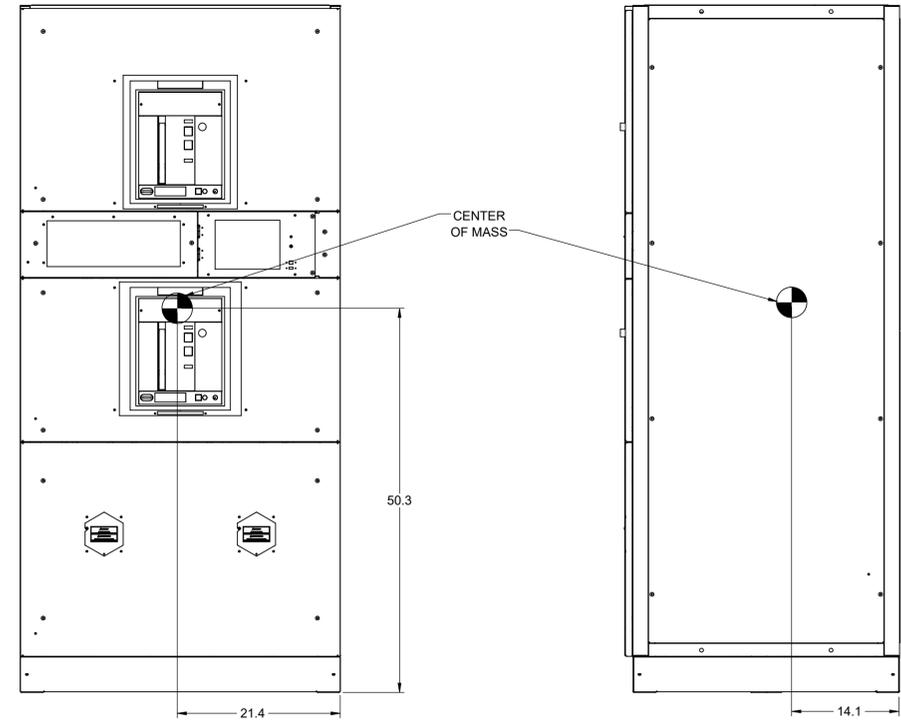
**DETAIL B  
CUSTOMER GROUND BUS BAR**  
SCALE 1 : 4

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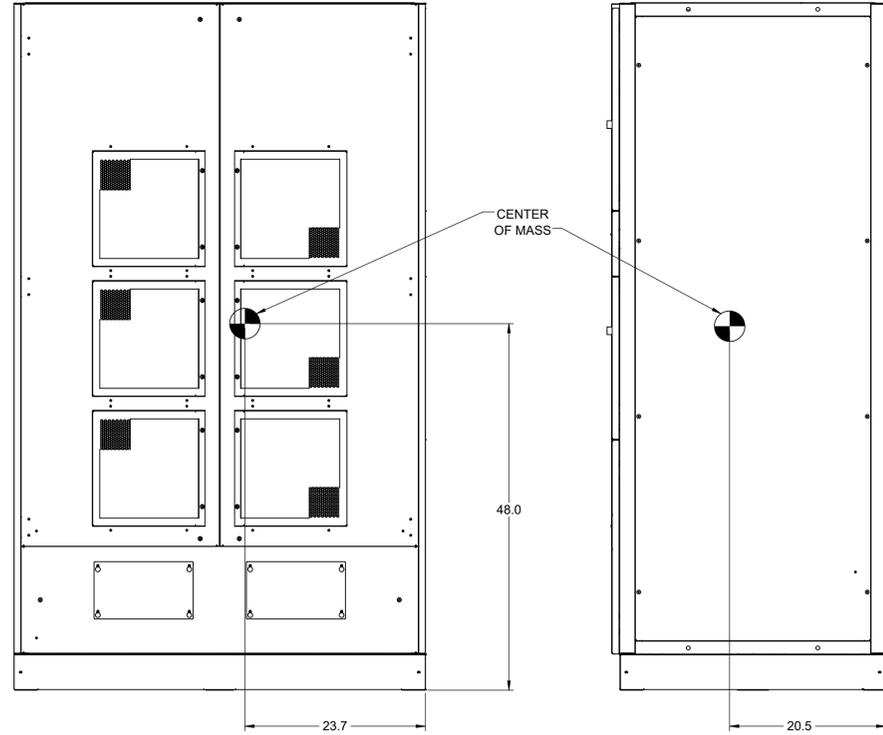
FRONT VIEW  
S1 INPUT/BYPASS CABINET  
CENTER OF MASS LOCATION

RIGHT SIDE VIEW  
S1 INPUT/BYPASS CABINET  
CENTER OF MASS LOCATION



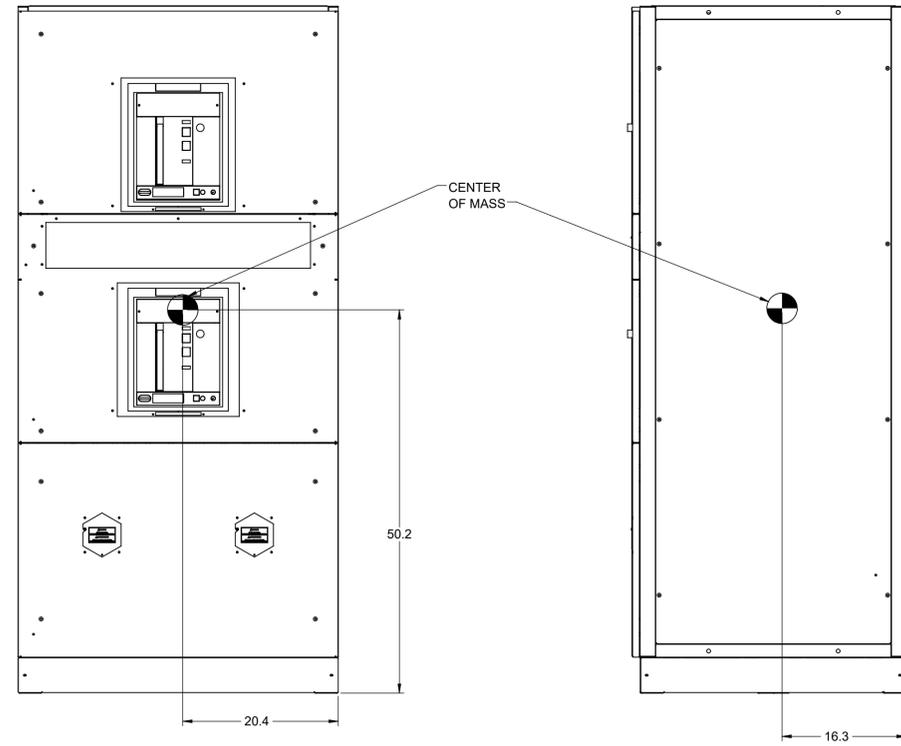
FRONT VIEW  
LOAD CABINET  
CENTER OF MASS LOCATION

RIGHT SIDE VIEW  
LOAD CABINET  
CENTER OF MASS LOCATION



FRONT VIEW  
HEAT SINK CABINET  
CENTER OF MASS LOCATION

RIGHT SIDE VIEW  
HEAT SINK CABINET  
CENTER OF MASS LOCATION



FRONT VIEW  
S2 INPUT/BYPASS CABINET  
CENTER OF MASS LOCATION

RIGHT SIDE VIEW  
S2 INPUT/BYPASS CABINET  
CENTER OF MASS LOCATION