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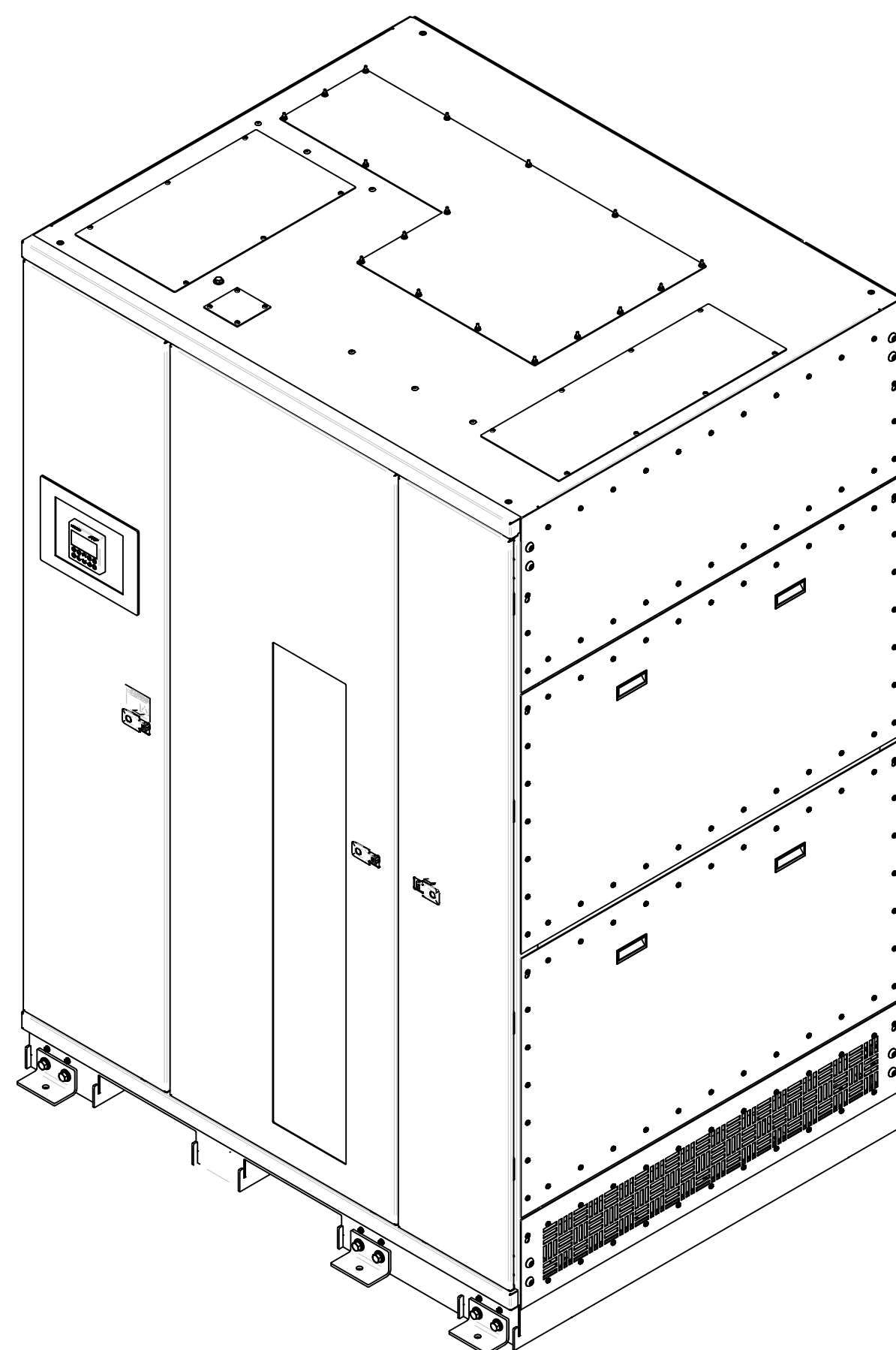
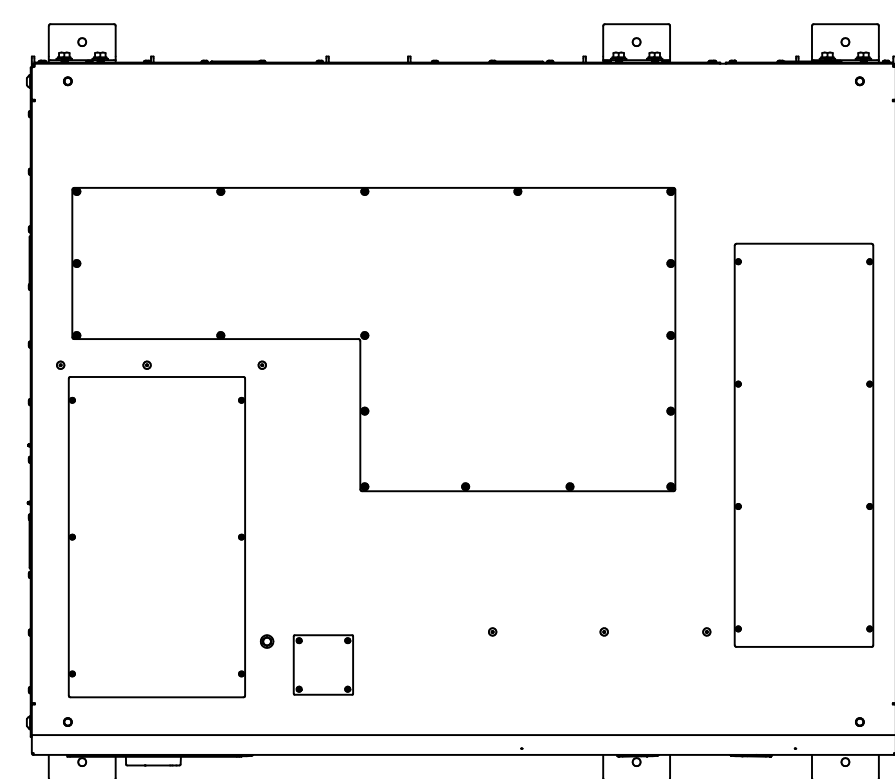
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CLEARANCES:  
(SEE NOTES 6 AND 7)

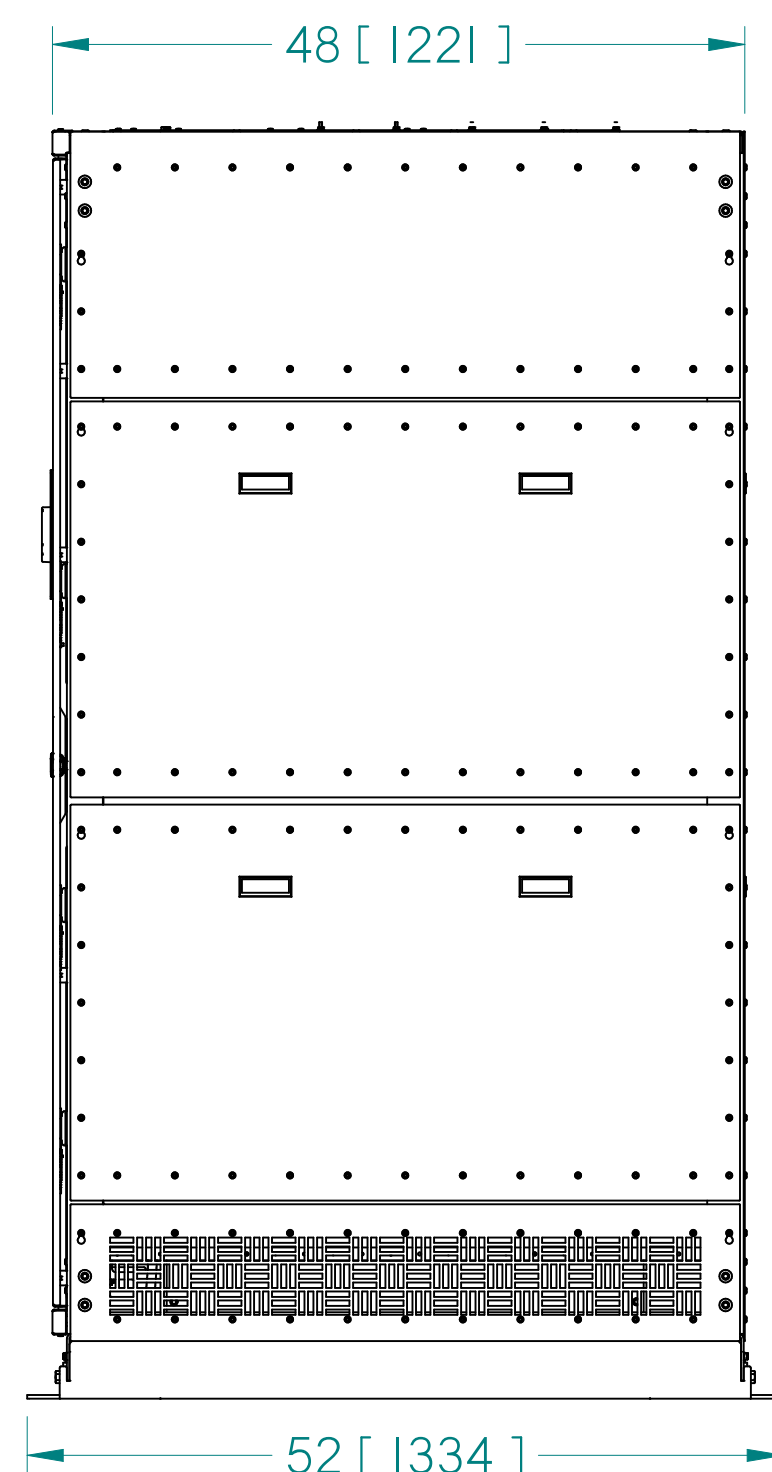
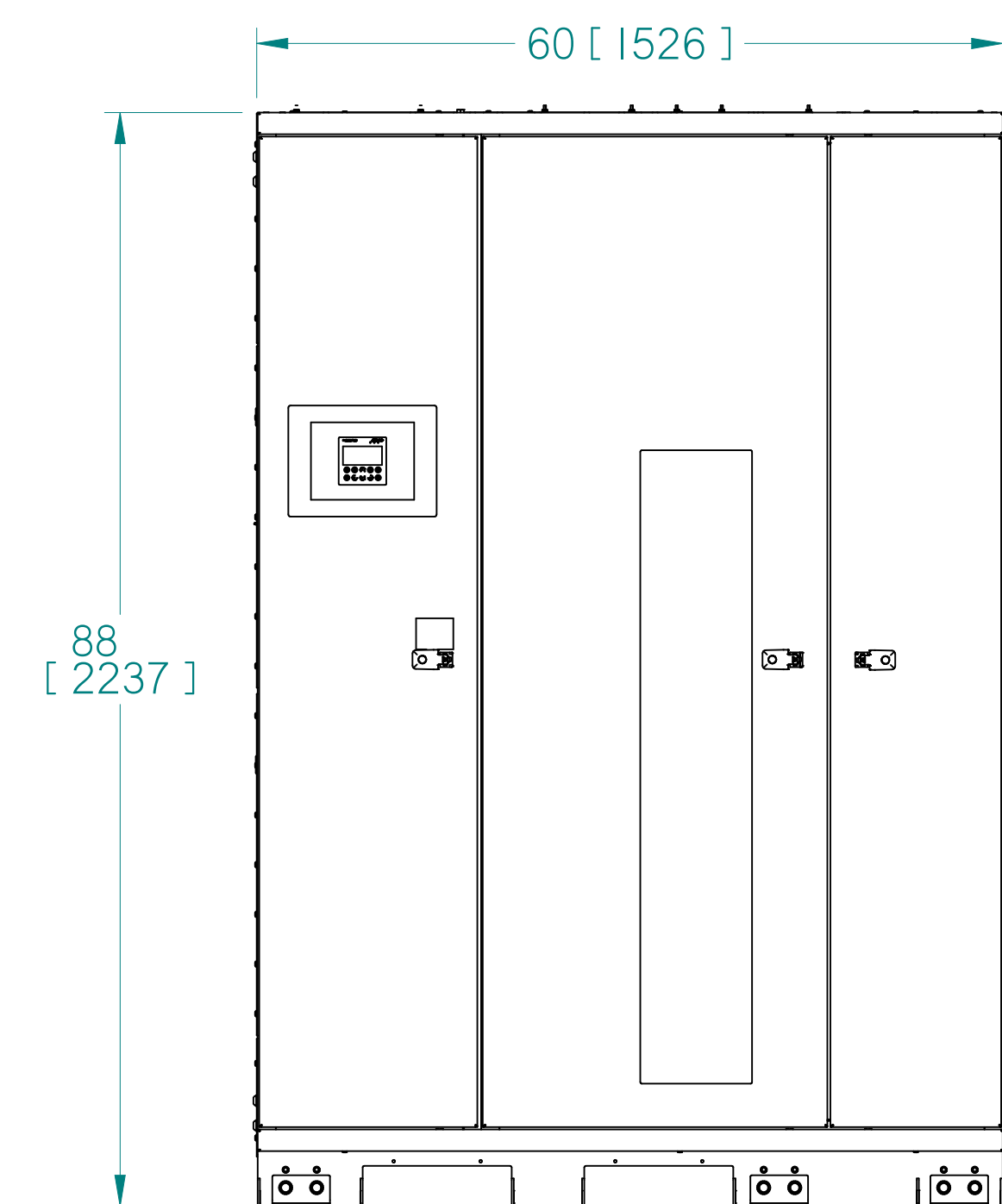
FRONT: 42IN [1067]  
REAR: 18IN [457]  
LEFT: 6IN [152]  
RIGHT: 6IN [152]  
TOP: 18IN [457]

WEIGHT: 4650#  
[2110KG]

REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	10/31/2022	NEM

NOTES:

1. Front access only required for operation and servicing of Type X Controls, and Transformer Mains. Rear access required for servicing the Transformer. Top or Bottom Input / Output Cable Access is available.
2. Fork Lift provision from the front and rear of the assembly is available.
3. The transformer exhaust plate is removable for installation and servicing of the Input Source Cabling.
4. See Sheet 4, Table I, for termination details.
5. See Sheet 5 for optional seismic cleats.
6. Rear clearance of 18 inches required for de-energized work to change voltage configuration and taps.
7. Left side clearance of 6 inches required for proper cooling. Optional 18 inches can be provided for de-energized work to change taps.
8. WARNING: A MINIMUM OF 6.0 INCHES IS REQUIRED BETWEEN THE SIDES OF THE SYSTEM AND ANY OBSTRUCTION OR WALL TO PERMIT THE PROPER COOLING OF THE TRANSFORMER.
9. See One-Line electrical diagram for further detail.



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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

FIRST ANGLE PROJ.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM  
500 KVA TRANSFORMER  
QTY6 SUB-FEED CIRCUIT BREAKER DISTRIBUTION  
TYPE XEPOD

DWN NEM	DATE 10/31/2022	SIZE D	FSCM NO.	DWG NO. 94-MS-01121601	REV A
CHK JAD	DATE 10/31/2022	SCALE 1:2	94-MS-01121601+ASHTI	SHEET	1 of 5
APVD NEM	DATE 10/31/2022				

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REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	10/31/2022	NEM

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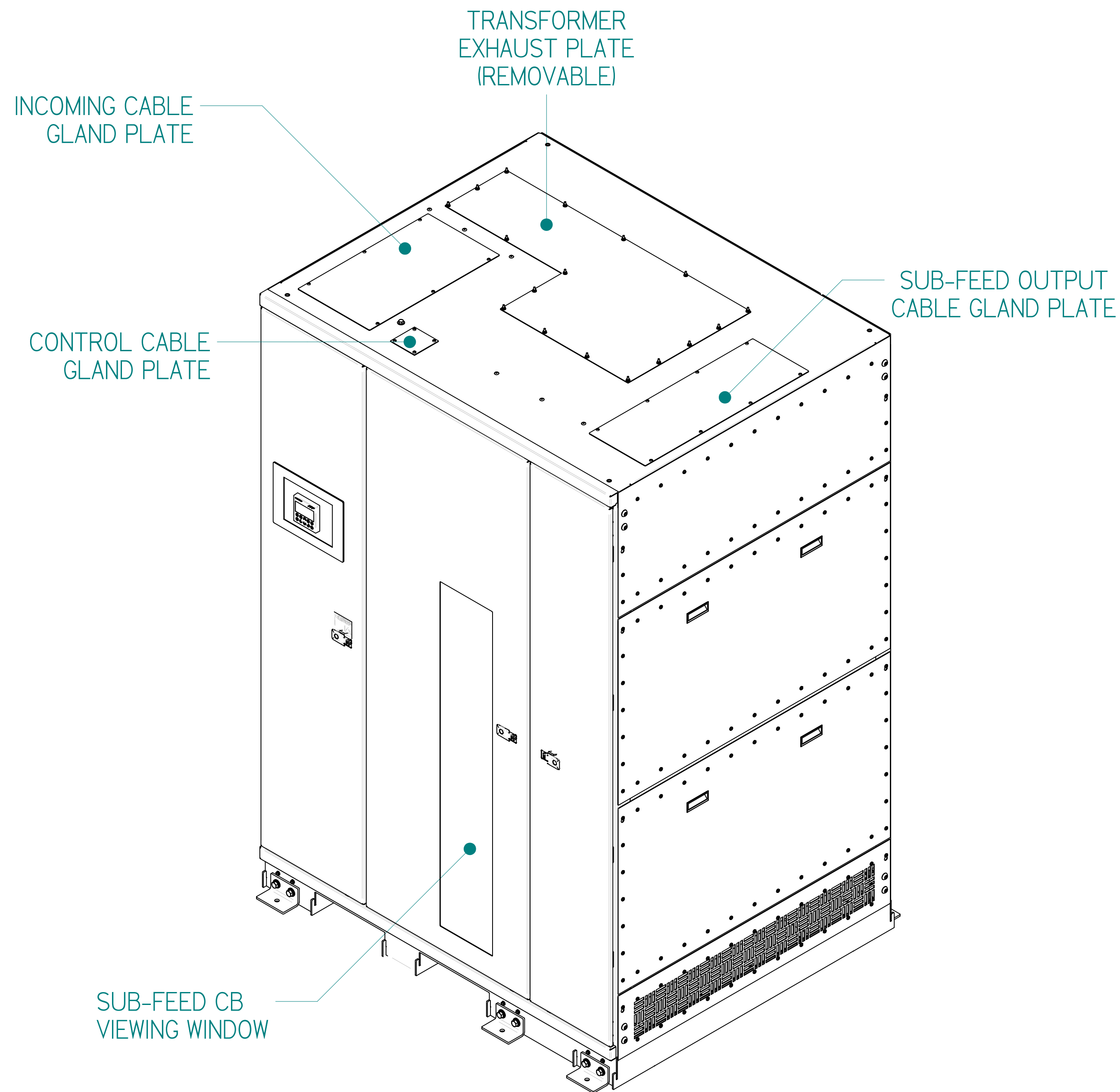
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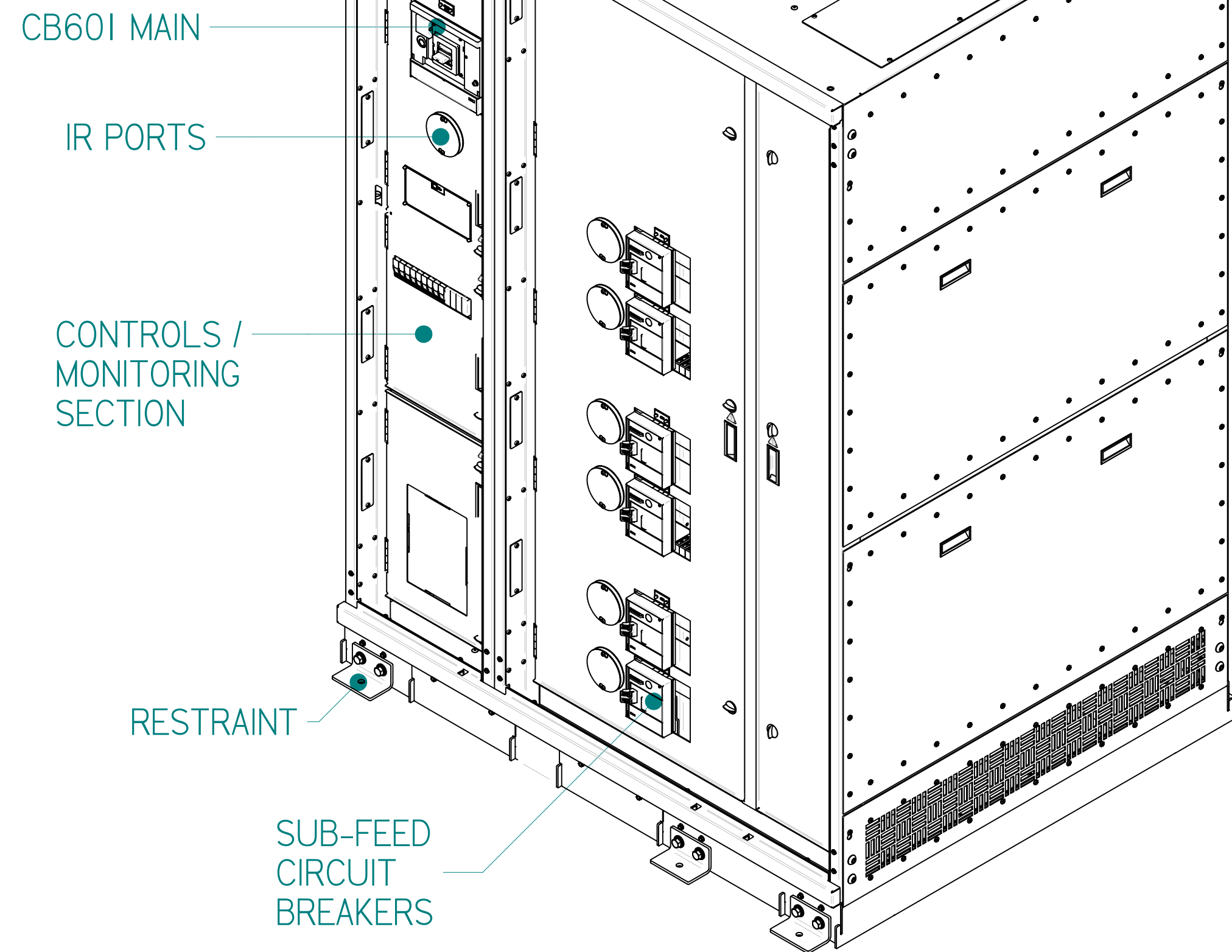
B

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ISOMETRIC VIEW



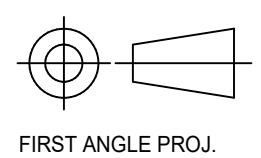
ISOMETRIC VIEW

SUB-FEED AND ePODS BAY  
OUTER DOORS REMOVED

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.XXX ± .010  
ANGULAR ± .1/2



FIRST ANGLE PROJ.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM  
500 KVA TRANSFORMER  
QTY6 SUB-FEED CIRCUIT BREAKER DISTRIBUTION  
TYPE XEPOD

DWN NEM	DATE 10/31/2022	SIZE D	FSCM NO.	DWG NO.	REV A
CHK JAD	DATE 10/31/2022			94-MS-01121601	
APVD NEM	DATE 10/31/2022	SCALE 1:1	94-MS-01121601-ASHT2	SHEET	2 of 5

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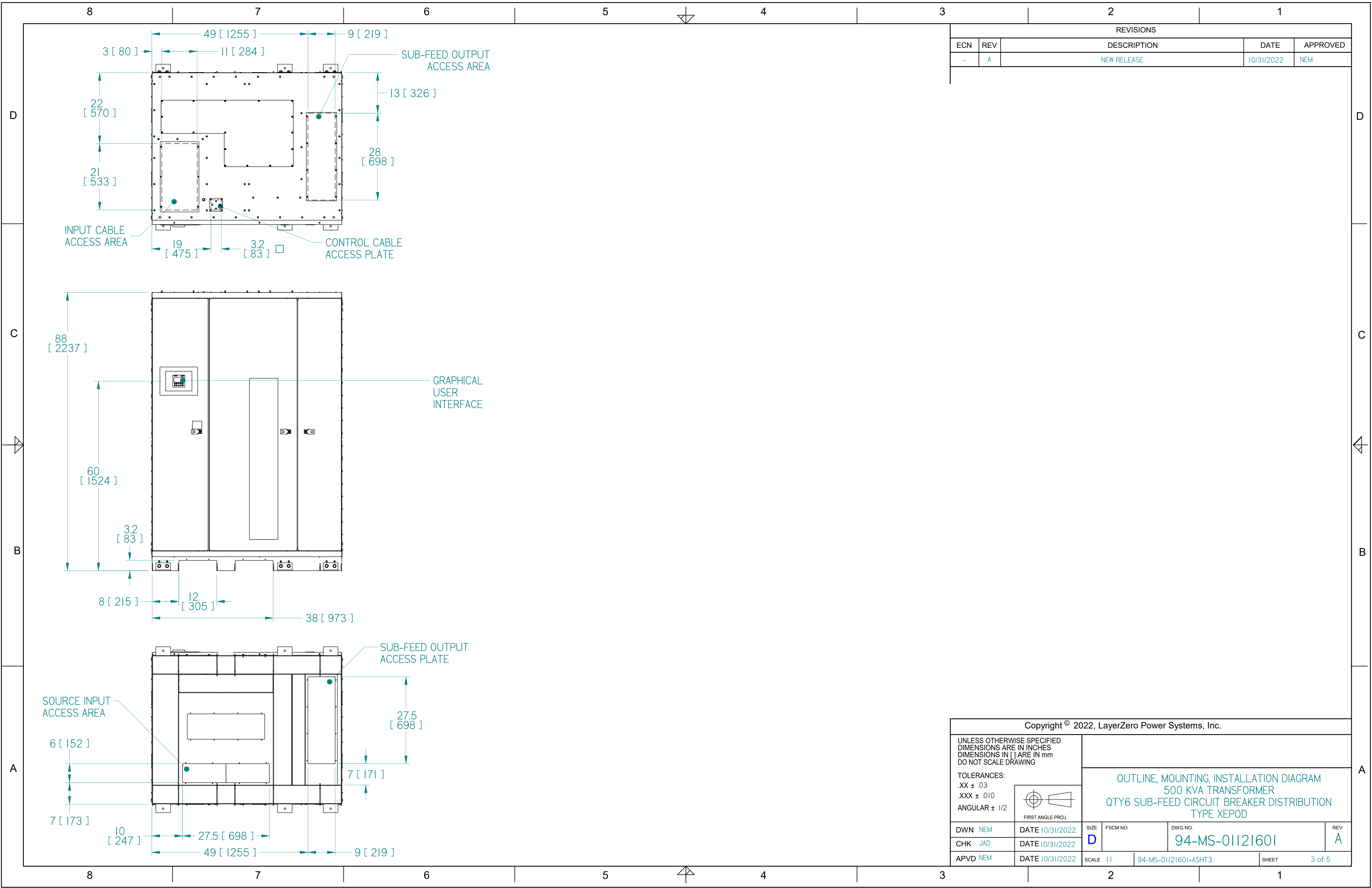
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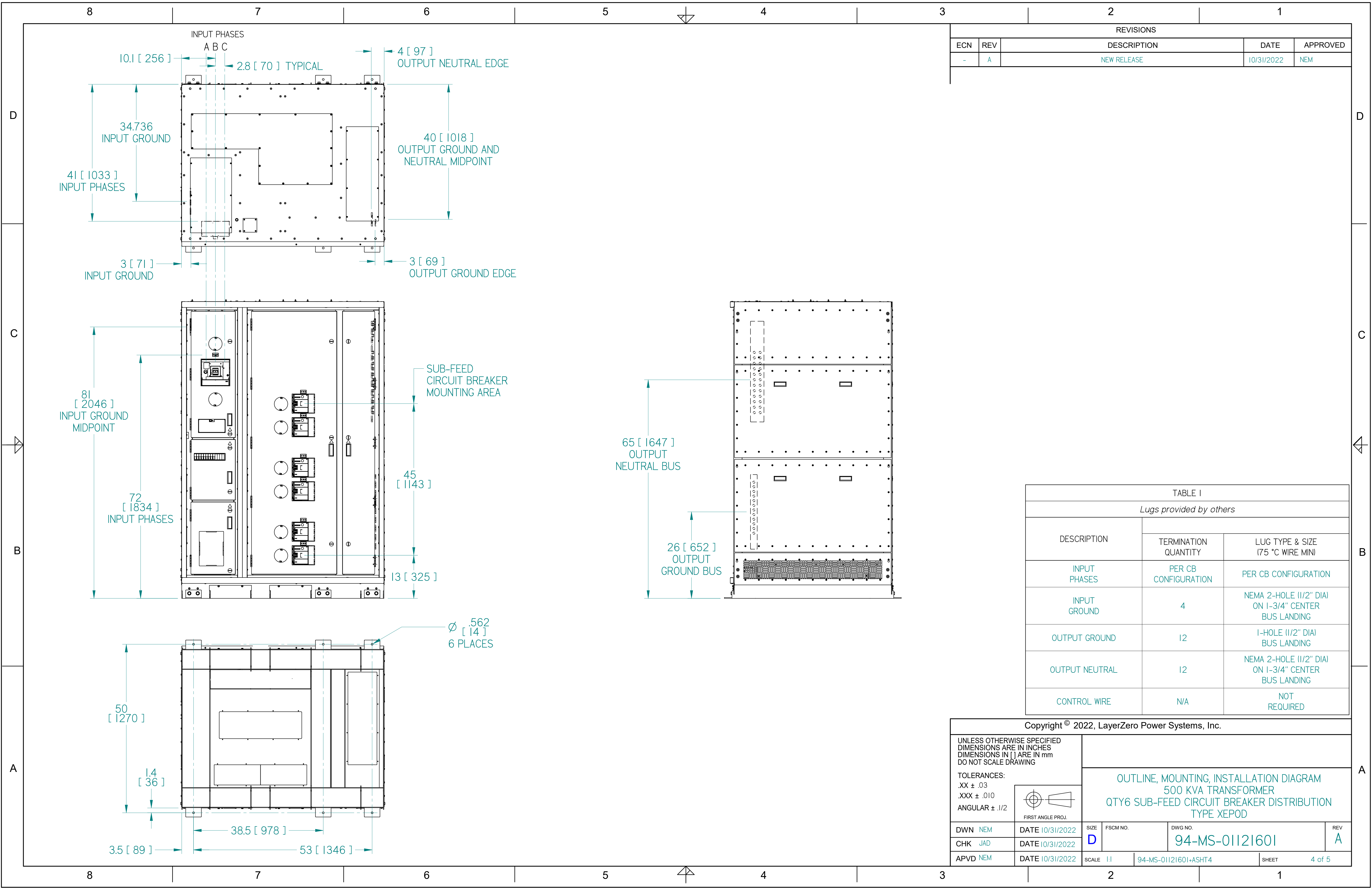
UNLESS OTHERWISE SPECIFIED  
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DIMENSIONS IN [ ] ARE IN mm  
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.XXX ± .010  
ANGULAR ± .1/2

FIRST ANGLE PROJ.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM  
500 KVA TRANSFORMER  
QTY6 SUB-FEED CIRCUIT BREAKER DISTRIBUTION  
TYPE XEPOD

DWN NEM	DATE 10/31/2022	SIZE D	FSCM NO.	DWG NO. 94-MS-01121601	REV A
CHK JAD	DATE 10/31/2022	SCALE 1:1	94-MS-01121601-ASHT3	SHEET	3 of 5



REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	10/31/2022	NEM

TABLE I		
<i>Lugs provided by others</i>		
DESCRIPTION	TERMINATION QUANTITY	LUG TYPE & SIZE (75 °C WIRE MINI)
INPUT PHASES	PER CB CONFIGURATION	PER CB CONFIGURATION
INPUT GROUND	4	NEMA 2-HOLE (1/2" DIA) ON 1-3/4" CENTER BUS LANDING
OUTPUT GROUND	12	1-HOLE (1/2" DIA) BUS LANDING
OUTPUT NEUTRAL	12	NEMA 2-HOLE (1/2" DIA) ON 1-3/4" CENTER BUS LANDING
CONTROL WIRE	N/A	NOT REQUIRED

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DIMENSIONS IN [ ] ARE IN mm  
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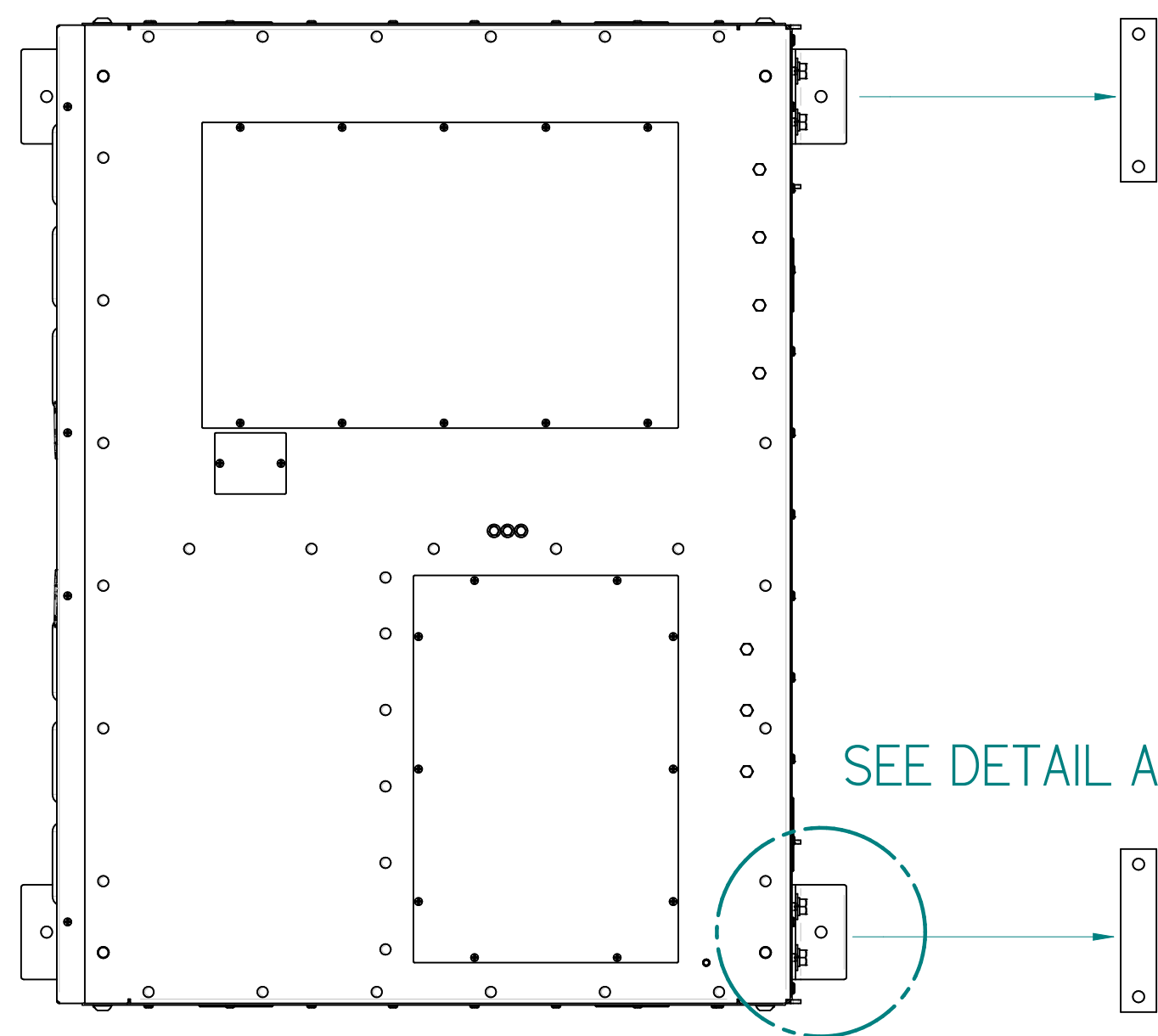
TOLERANCES:  
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.XXX ± .010  
ANGULAR ± .1/2

FIRST ANGLE PROJ.

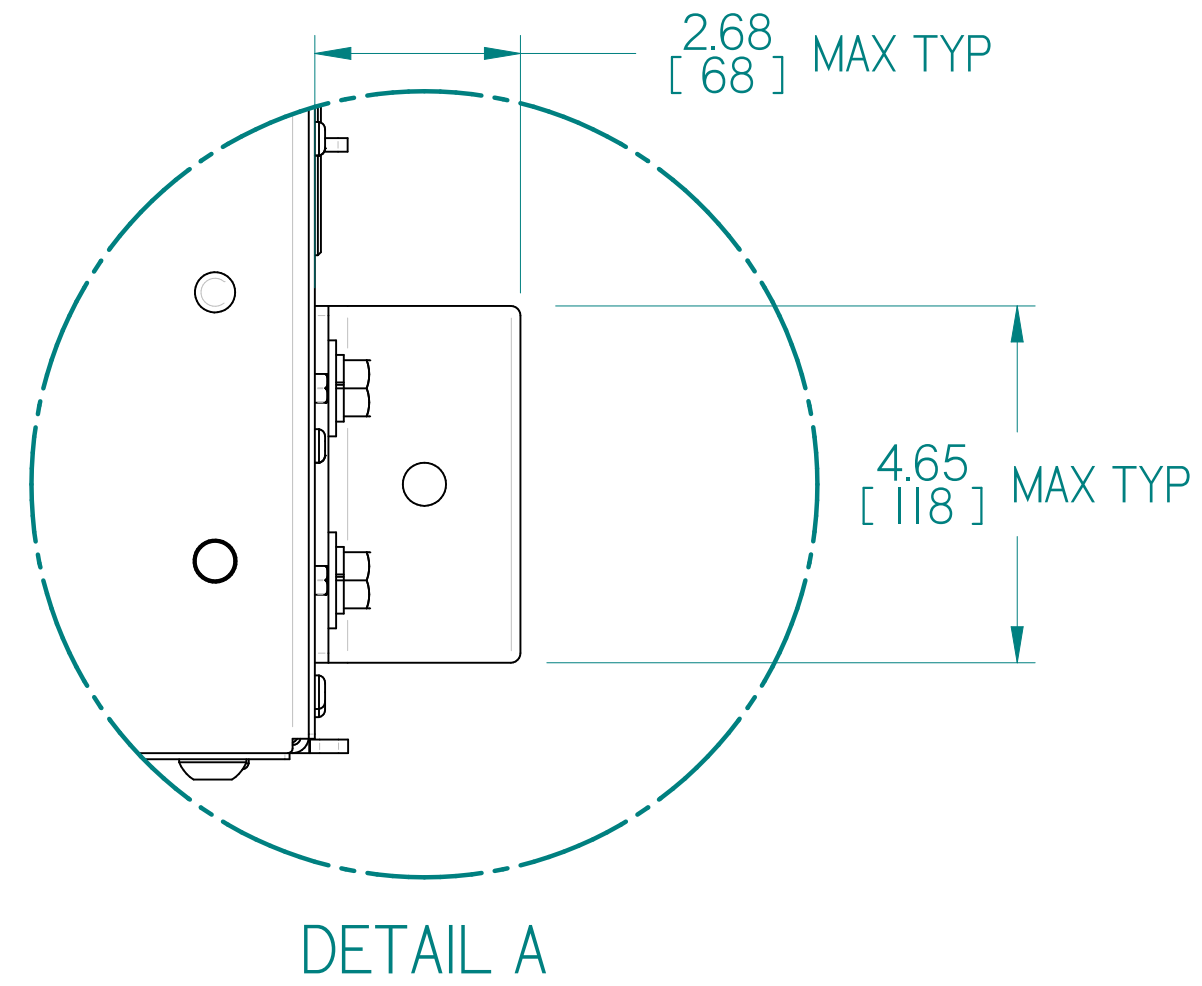
OUTLINE, MOUNTING, INSTALLATION DIAGRAM  
500 KVA TRANSFORMER  
QTY6 SUB-FEED CIRCUIT BREAKER DISTRIBUTION  
TYPE XEPOD

DWN NEM	DATE 10/31/2022	SIZE D	FSCM NO.	DWG NO. 94-MS-01121601	REV A
CHK JAD	DATE 10/31/2022	SCALE 1:1		94-MS-01121601-ASHT4	SHEET 4 of 5
APVD NEM	DATE 10/31/2022				

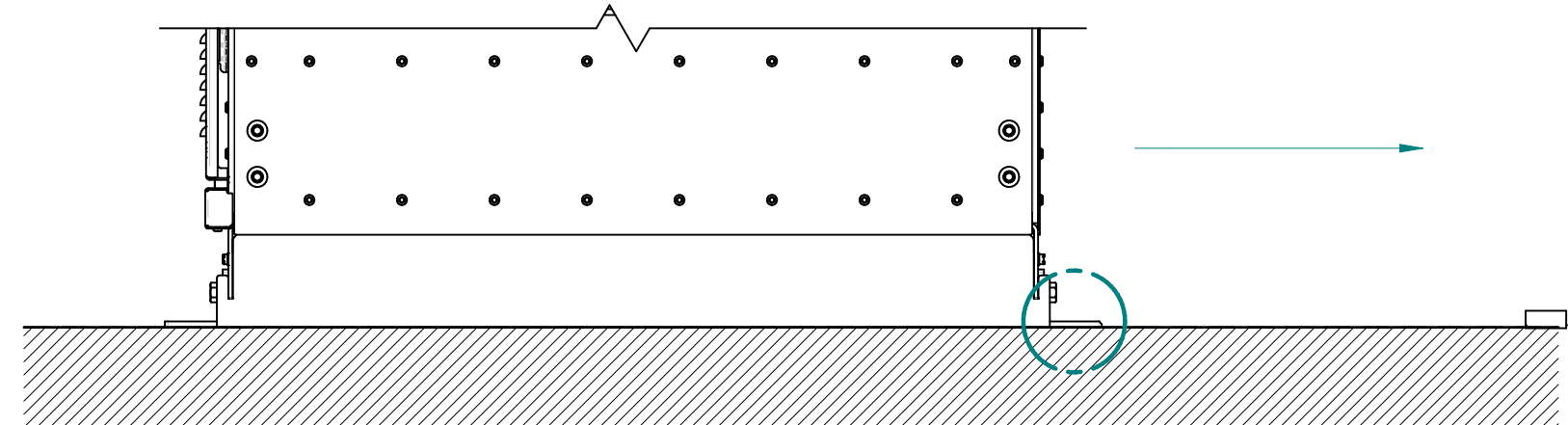
TOP VIEW OF REFERENCE CABINET



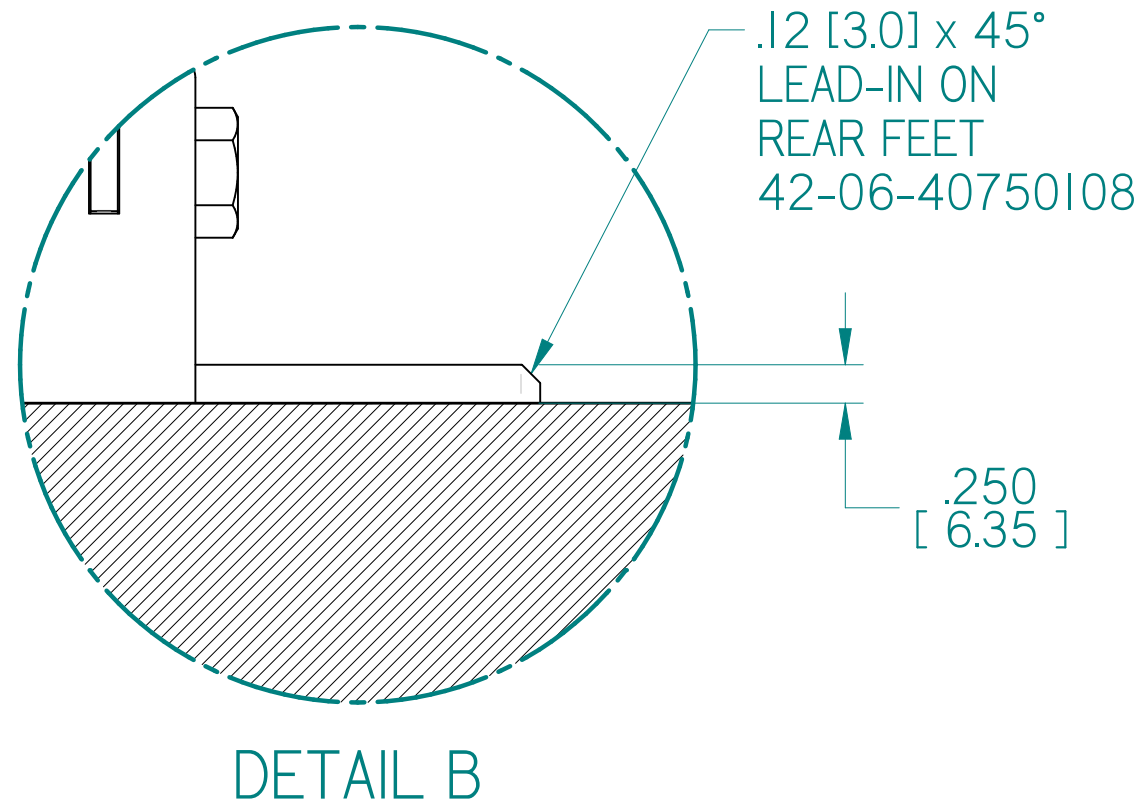
SEE DETAIL A



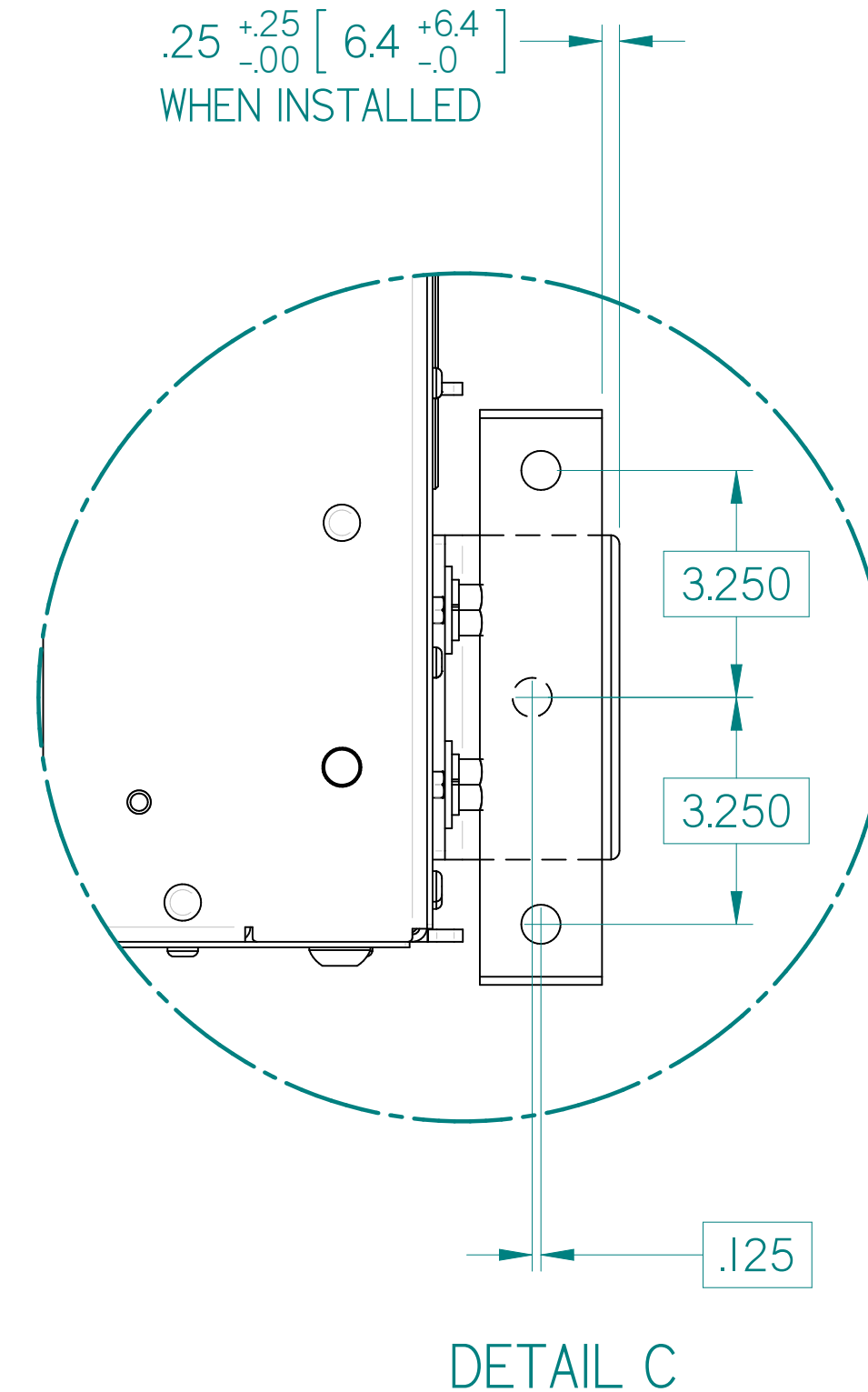
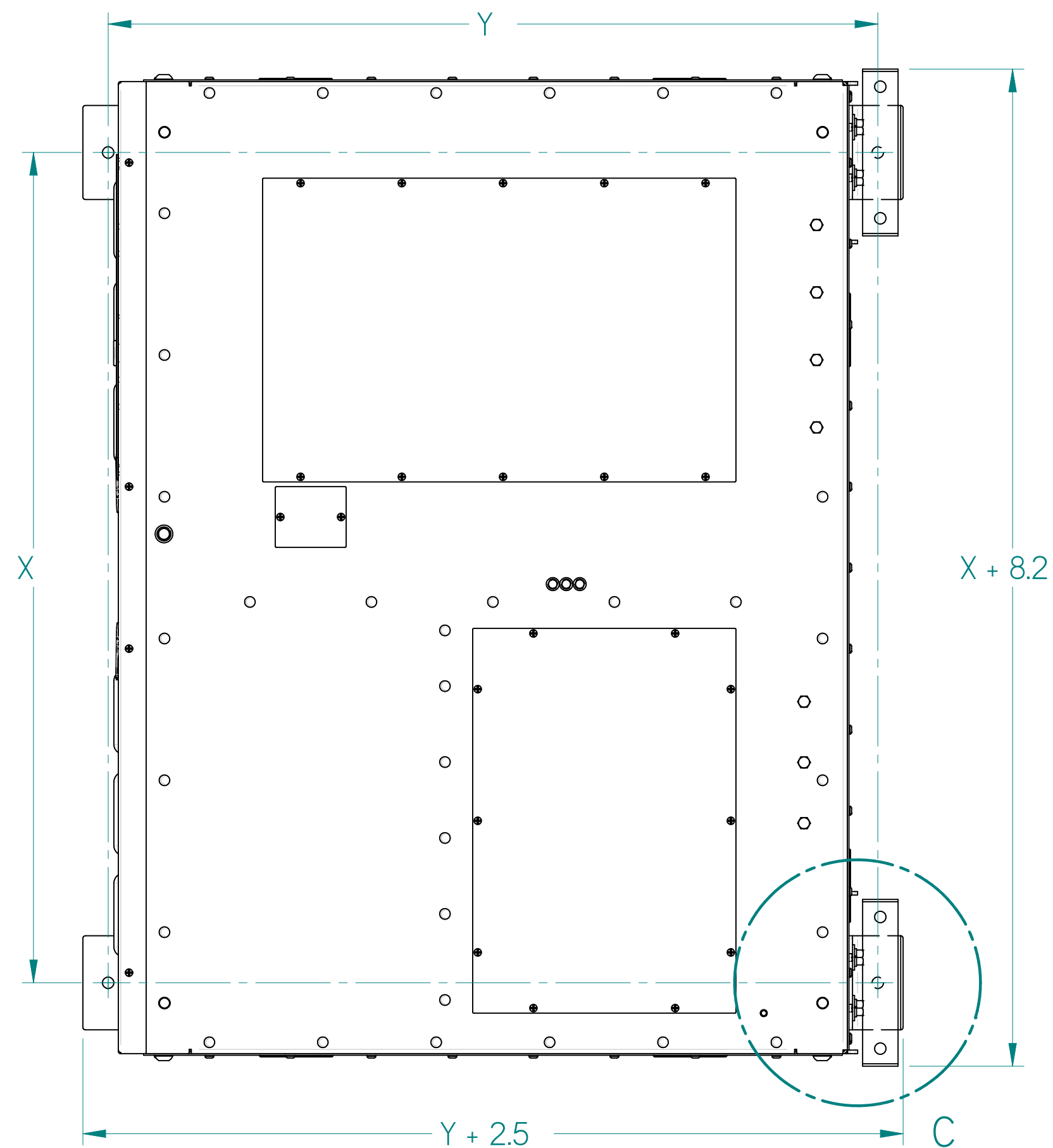
SIDE VIEW OF REFERENCE CABINET



SEE DETAIL B



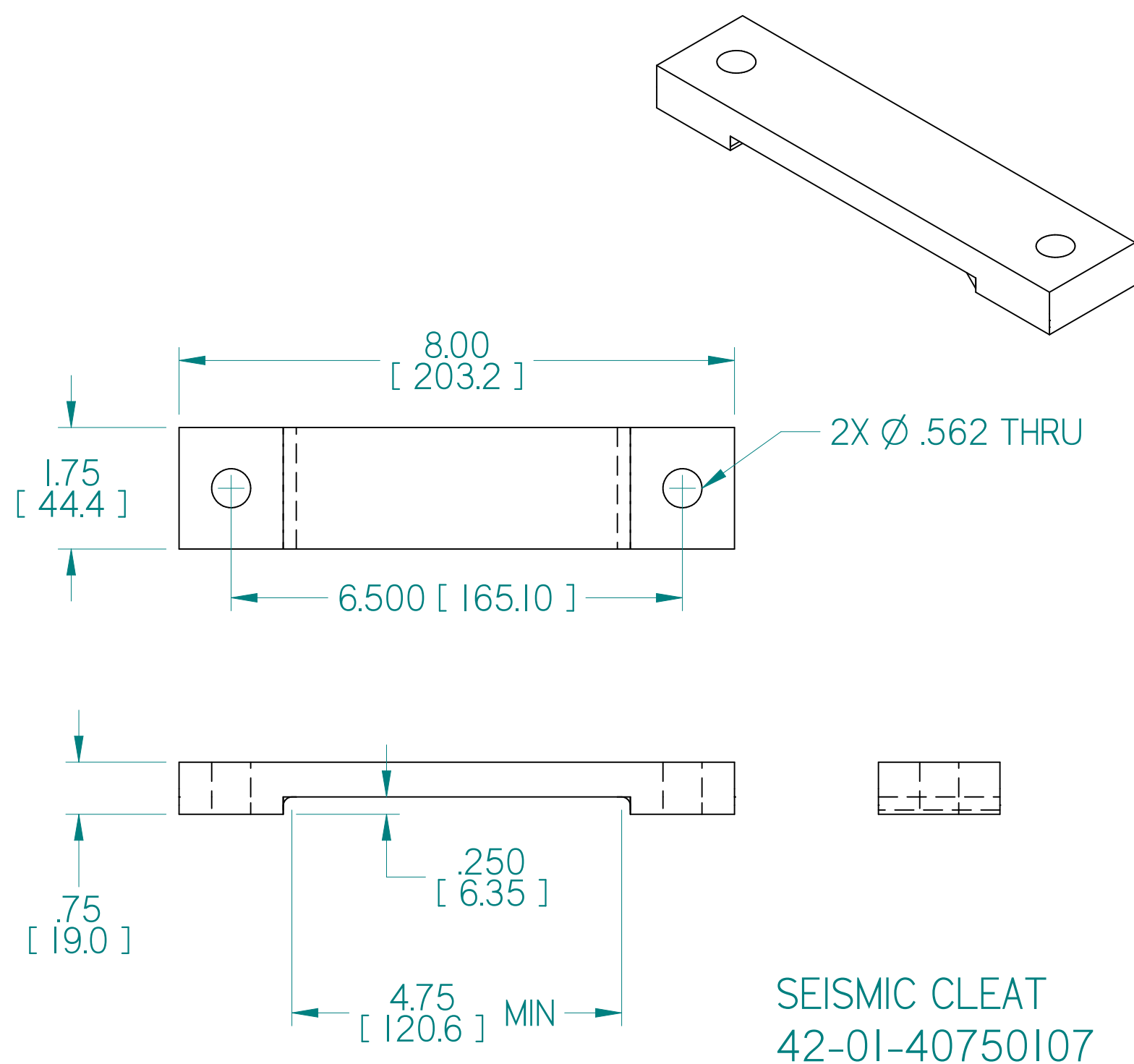
TOP VIEW OF REFERENCE CABINET INSTALLED INTO CLEATS



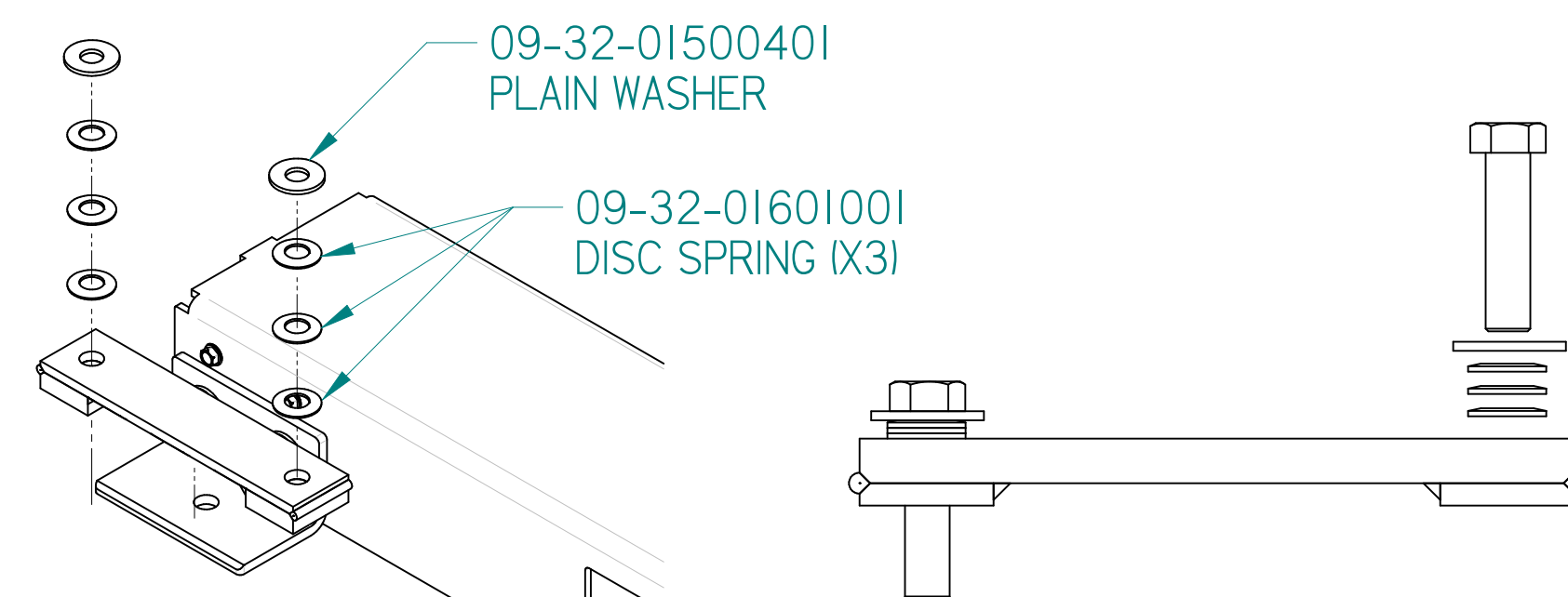
REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	10/31/2022	NEM

NOTES:

1. THE FOLLOWING IS TO BE USED AS A GUIDE TO INSTALL SEISMIC MOUNTING CLEATS ON LAYERZERO CABINETS. THE CLEATS ARE USED WHERE REAR ACCESS IS UNAVAILBL AFTER FINAL INSTALLATION.
2. CLEATS WILL BE PROVIDED FOR ALL REAR SEISMIC SUPPORTS.
3. THE SEISMIC ENGINEER AT THE SITE WILL DETERMINE THE TYPES OF ANCHORS TO BE USED AND 2 ANCHORS ARE NEEDED PER CLEAT.
4. THE CLEATS ARE SIZED FOR 1/2IN (12mm) SEISMIC ANCHORS WITH A REQUIRED TORQUE FO 50LB-FT (67.69Nm).
5. LOCATE THE CLEATS OFF OF THE CENTERLINE OF THE 42-06-40750108 SEISMIC SUPPORTS ON THE BASE CHANNEL AS SHOWN IN THE TOP AND SIDE VIEWS.
6. AFTER ANCHOR STUDS OR WELLS ARE INSTALLED INTO THE FLOOR MOUNT THE 42-01-40750107 SEISMIC MOUNTING CLEAT ASSEMBLY WITH DISC SPRINGS AND PLAIN WASHERS AS SHOWN IN THE EPLoded ISOMETRIC VIEW.
7. TORQUE TIGHTEN ANCHORAGE TO 50LB-FT (67.79Nm) OF TORQUE.
8. INSTALL CABINET BY SLIDING THE UNIT IN WITH THE SEISMIC SUPPORTS UNDERNEATH THE SEISMIC CLEATS. COMPLETE INSTALLATION WITH ANCHORAGE OF THE FRONT SEISMIC SUPPORTS TO THE GROUND.



SEISMIC CLEAT  
42-01-40750107



HARDWARE SELECTION FOR CLEATS

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ANGULAR ± .1/2

FIRST ANGLE PROJ.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM  
500 KVA TRANSFORMER  
QTY6 SUB-FEED CIRCUIT BREAKER DISTRIBUTION  
TYPE XEPOD

DWN NEM	DATE 10/31/2022	SIZE D	FSCM NO.	DWG NO.	REV A
CHK JAD	DATE 10/31/2022			94-MS-01121601	
APVD NEM	DATE 10/31/2022	SCALE 1:1	94-MS-01121601-ASHT5	SHEET	5 of 5