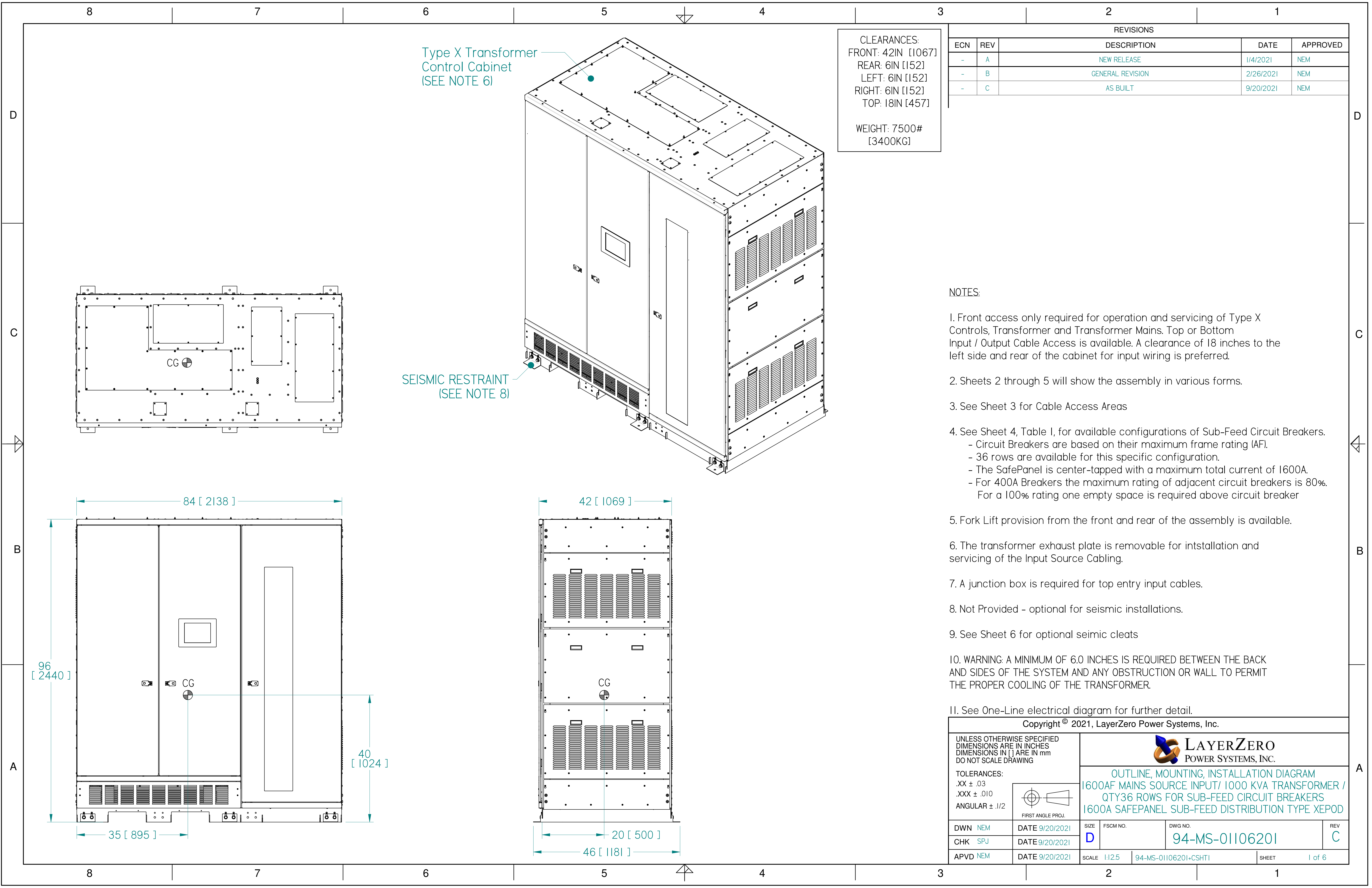




REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	1/4/2021	NEM
-	B	GENERAL REVISION	2/26/2021	NEM
-	C	AS BUILT	9/20/2021	NEM

- NOTES:
1. Front access only required for operation and servicing of Type X Controls, Transformer and Transformer Mains. Top or Bottom Input / Output Cable Access is available. A clearance of 18 inches to the left side and rear of the cabinet for input wiring is preferred.
 2. Sheets 2 through 5 will show the assembly in various forms.
 3. See Sheet 3 for Cable Access Areas
 4. See Sheet 4, Table I, for available configurations of Sub-Feed Circuit Breakers.
 - Circuit Breakers are based on their maximum frame rating (AF).
 - 36 rows are available for this specific configuration.
 - The SafePanel is center-tapped with a maximum total current of 1600A.
 - For 400A Breakers the maximum rating of adjacent circuit breakers is 80%.
 - For a 100% rating one empty space is required above circuit breaker
 5. Fork Lift provision from the front and rear of the assembly is available.
 6. The transformer exhaust plate is removable for intstallation and servicing of the Input Source Cabling.
 7. A junction box is required for top entry input cables.
 8. Not Provided - optional for seismic installations.
 9. See Sheet 6 for optional seimic cleats
 10. WARNING: A MINIMUM OF 6.0 INCHES IS REQUIRED BETWEEN THE BACK AND SIDES OF THE SYSTEM AND ANY OBSTRUCTION OR WALL TO PERMIT THE PROPER COOLING OF THE TRANSFORMER.
 11. 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

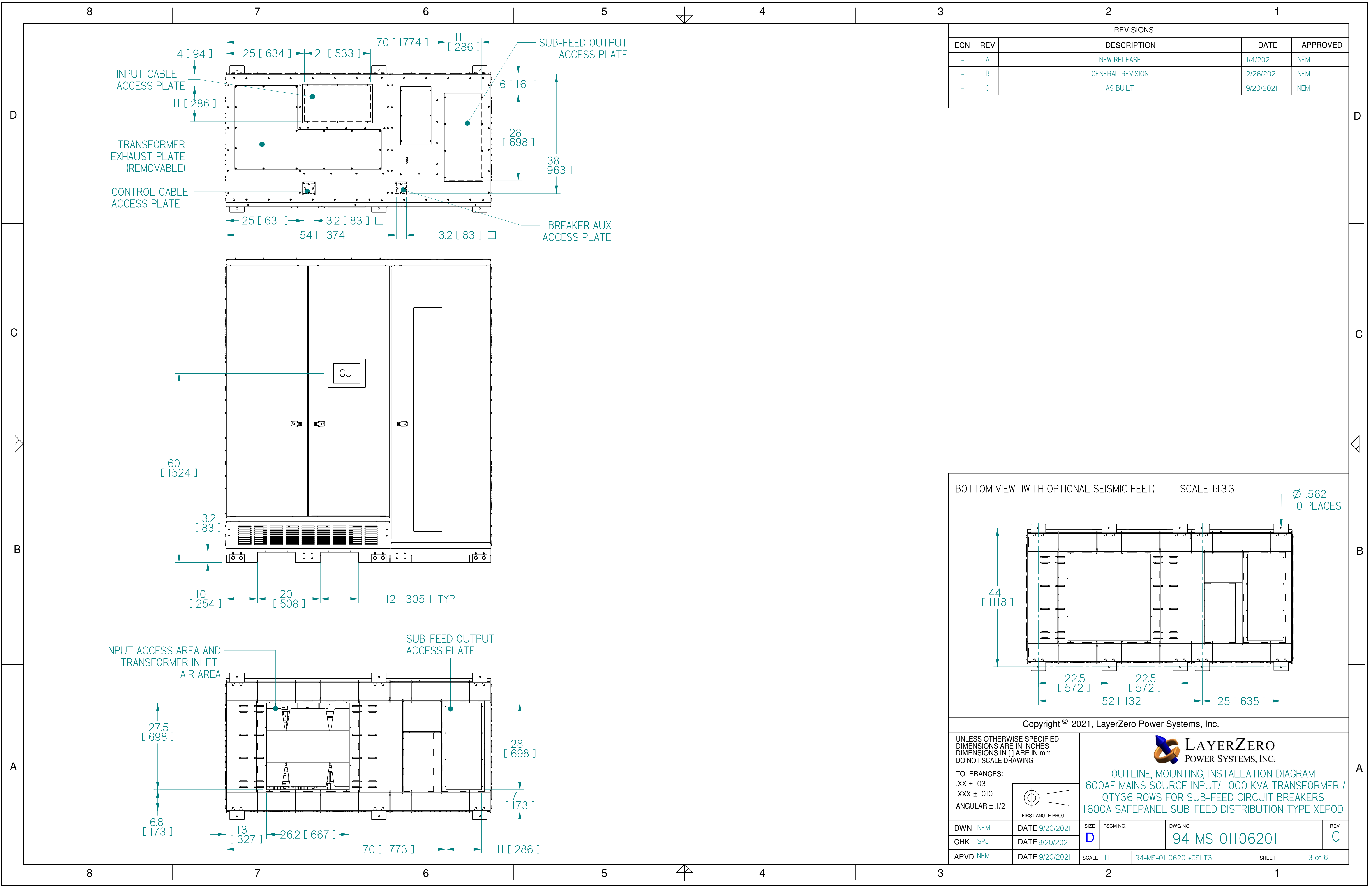
TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2

FIRST ANGLE PROJ.

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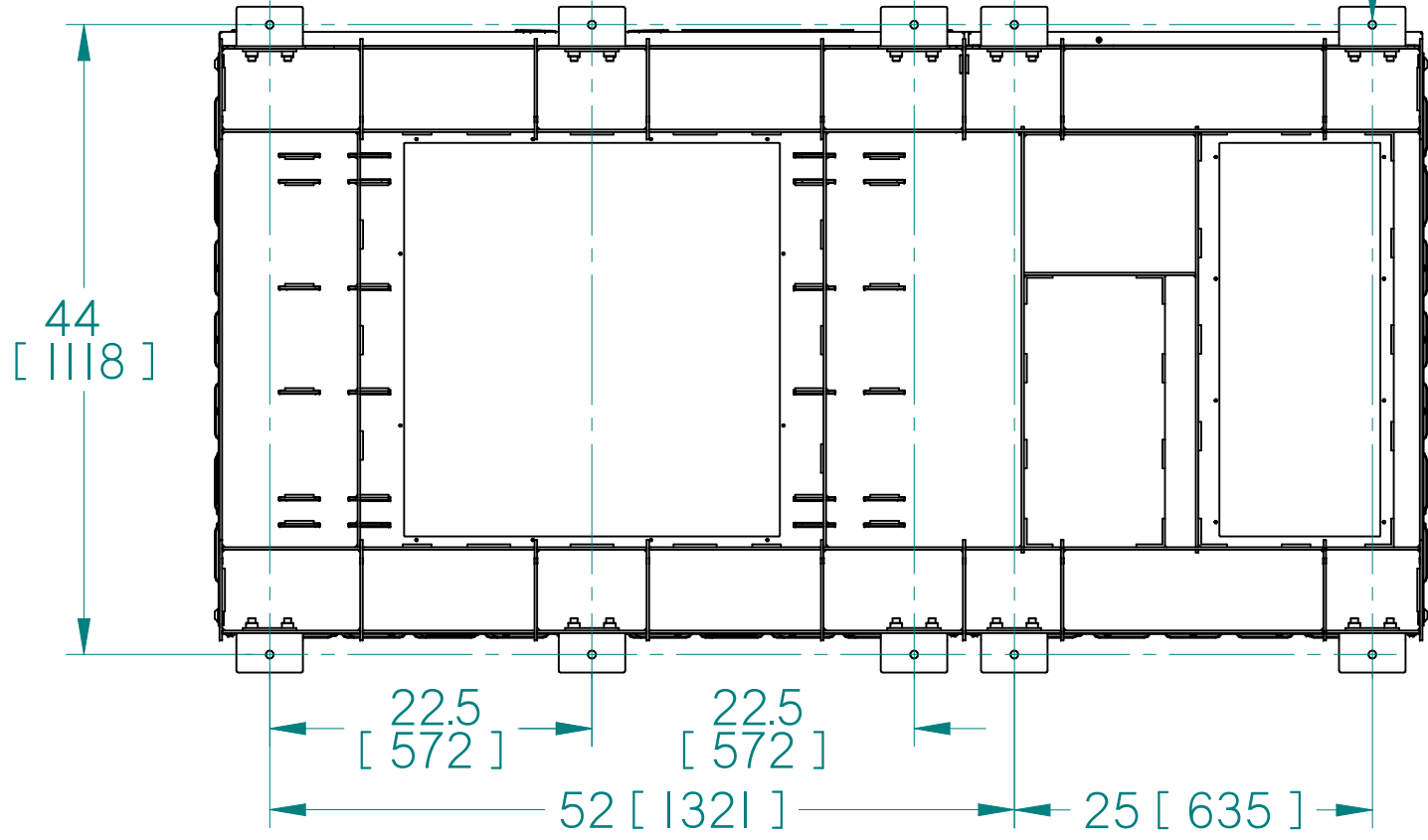
OUTLINE, MOUNTING, INSTALLATION DIAGRAM
1600AF MAINS SOURCE INPUT/ 1000 KVA TRANSFORMER /
QTY36 ROWS FOR SUB-FEED CIRCUIT BREAKERS
1600A SAFEANEL SUB-FEED DISTRIBUTION TYPE XEPOD

DWN NEM	DATE 9/20/2021	SIZE D	FSCM NO.	DWG NO. 94-MS-01106201	REV C
CHK SPJ	DATE 9/20/2021	SCALE 1/2.5 94-MS-01106201-CSHT1			SHEET 1 of 6
APVD NEM	DATE 9/20/2021				



REVISIONS				
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-	A	NEW RELEASE	1/4/2021	NEM
-	B	GENERAL REVISION	2/26/2021	NEM
-	C	AS BUILT	9/20/2021	NEM

BOTTOM VIEW (WITH OPTIONAL SEISMIC FEET) SCALE 1:13.3



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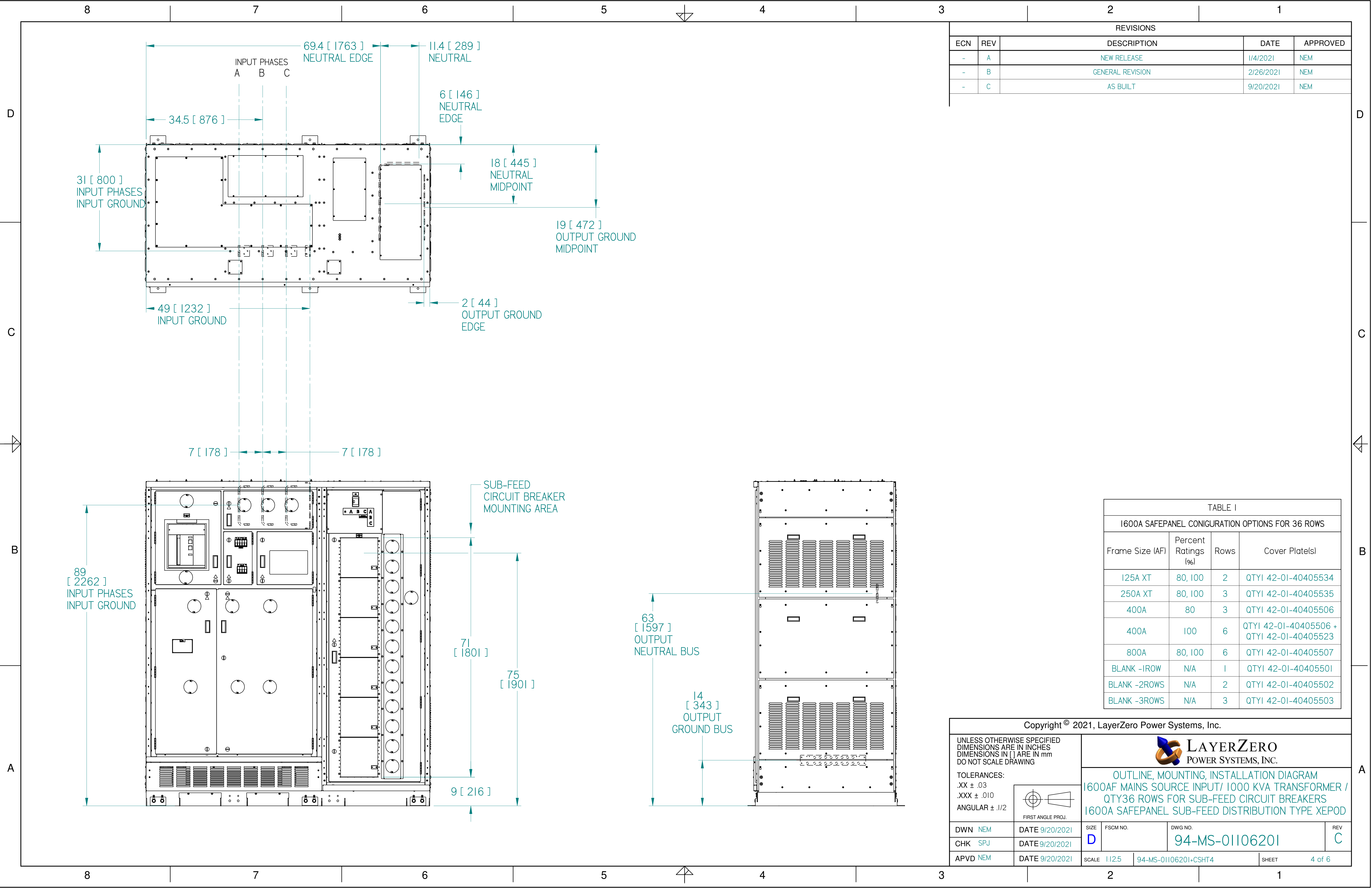
TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2

FIRST ANGLE PROJ.

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OUTLINE, MOUNTING, INSTALLATION DIAGRAM
1600AF MAINS SOURCE INPUT/ 1000 KVA TRANSFORMER /
QTY36 ROWS FOR SUB-FEED CIRCUIT BREAKERS
1600A SAFEPANEL SUB-FEED DISTRIBUTION TYPE XEPD

DWN NEM	DATE 9/20/2021	SIZE D	FSCM NO.	DWG NO. 94-MS-01106201	REV C
CHK SPJ	DATE 9/20/2021	SCALE 1:1	94-MS-01106201-CSHT3	SHEET 3 of 6	
APVD NEM	DATE 9/20/2021				



REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	1/4/2021	NEM
-	B	GENERAL REVISION	2/26/2021	NEM
-	C	AS BUILT	9/20/2021	NEM

TABLE I			
1600A SAFE-PANEL CONFIGURATION OPTIONS FOR 36 ROWS			
Frame Size (AF)	Percent Ratings (%)	Rows	Cover Plates)
125A XT	80, 100	2	QTY1 42-01-40405534
250A XT	80, 100	3	QTY1 42-01-40405535
400A	80	3	QTY1 42-01-40405506
400A	100	6	QTY1 42-01-40405506 + QTY1 42-01-40405523
800A	80, 100	6	QTY1 42-01-40405507
BLANK -1ROW	N/A	1	QTY1 42-01-40405501
BLANK -2ROWS	N/A	2	QTY1 42-01-40405502
BLANK -3ROWS	N/A	3	QTY1 42-01-40405503

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TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2

FIRST ANGLE PROJ.

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OUTLINE, MOUNTING, INSTALLATION DIAGRAM
1600AF MAINS SOURCE INPUT/ 1000 KVA TRANSFORMER /
QTY36 ROWS FOR SUB-FEED CIRCUIT BREAKERS
1600A SAFE-PANEL SUB-FEED DISTRIBUTION TYPE XEPD

DWN NEM	DATE 9/20/2021	SIZE	FSCM NO.	DWG NO.	REV
CHK SPJ	DATE 9/20/2021	D		94-MS-01106201	C
APVD NEM	DATE 9/20/2021	SCALE 1:12.5	94-MS-01106201-CSHT4	SHEET	4 of 6

