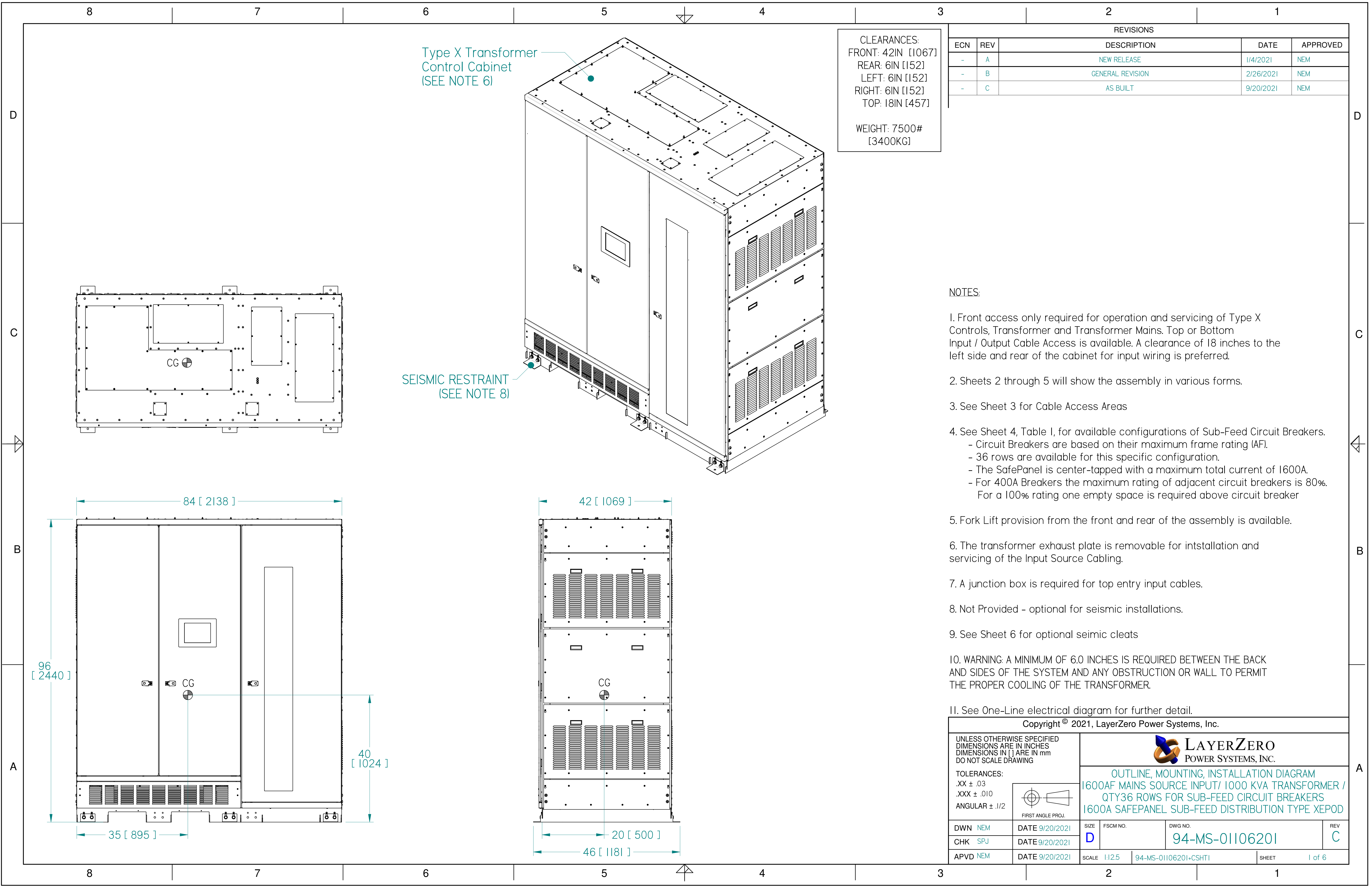




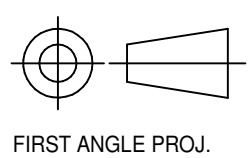
CLEARANCES:
FRONT: 42IN [1067]
REAR: 6IN [152]
LEFT: 6IN [152]
RIGHT: 6IN [152]
TOP: 18IN [457]

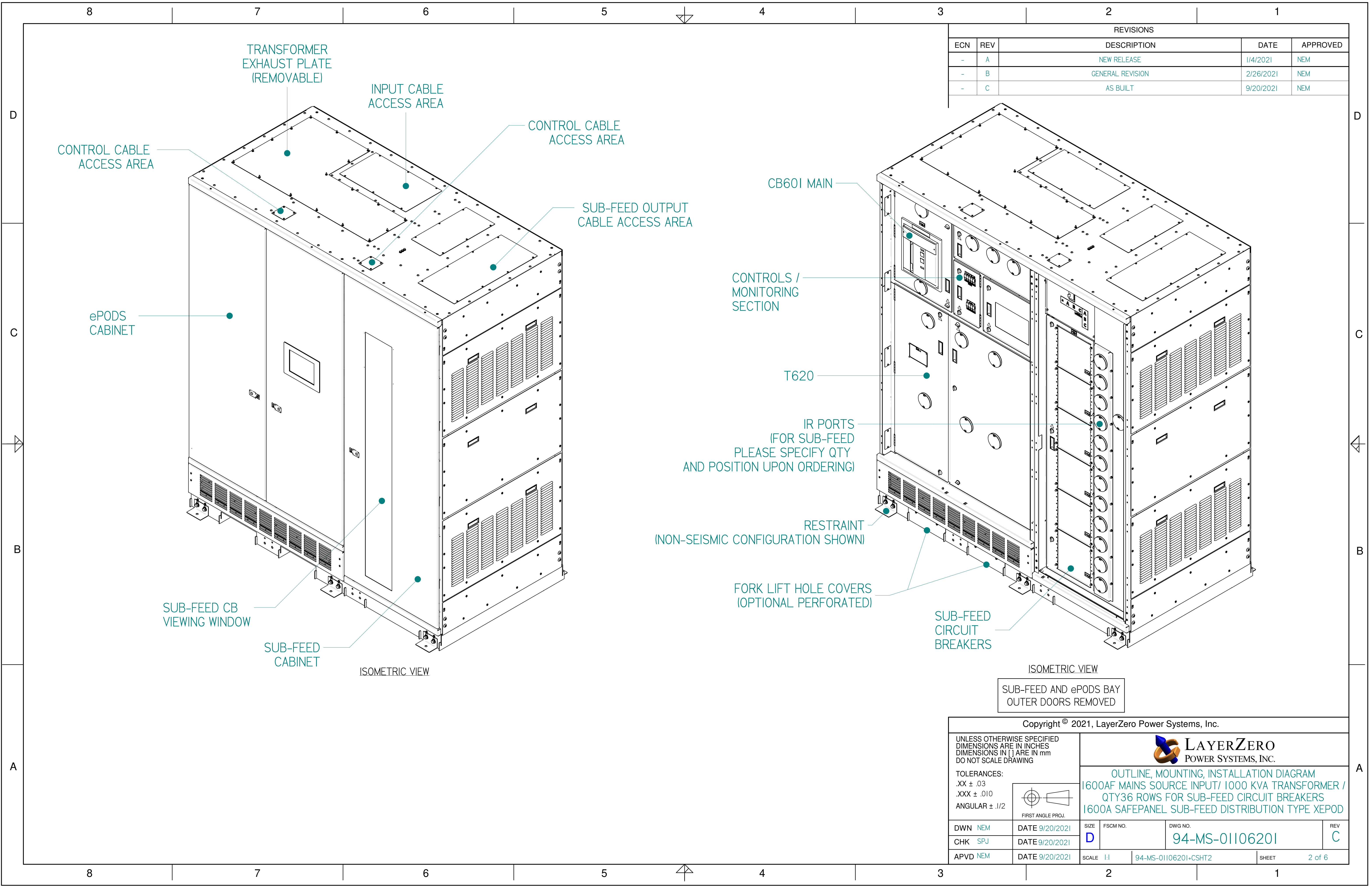
WEIGHT: 7500#
[3400KG]

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:
- 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.
 - Sheets 2 through 5 will show the assembly in various forms.
 - See Sheet 3 for Cable Access Areas
 - 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
 - Fork Lift provision from the front and rear of the assembly is available.
 - The transformer exhaust plate is removable for intstallation and servicing of the Input Source Cabling.
 - A junction box is required for top entry input cables.
 - Not Provided - optional for seismic installations.
 - See Sheet 6 for optional seimic cleats
 - 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.
 - 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	 FIRST ANGLE PROJ.	 LAYERZERO POWER SYSTEMS, INC.		
		OUTLINE, MOUNTING, INSTALLATION DIAGRAM 1600AF MAINS SOURCE INPUT/ 1000 KVA TRANSFORMER / QTY36 ROWS FOR SUB-FEED CIRCUIT BREAKERS 1600A SAFEANEL SUB-FEED DISTRIBUTION TYPE XEPD		
TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± .1/2	DWN NEM CHK SPJ APVD NEM	DATE 9/20/2021 DATE 9/20/2021 DATE 9/20/2021	SIZE D FSCM NO. DWG NO. 94-MS-01106201 SCALE 1/2.5 94-MS-01106201-CSHT1	REV C SHEET 1 of 6



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

ISOMETRIC VIEW
SUB-FEED AND ePODS BAY
OUTER DOORS REMOVED

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DIMENSIONS IN [] ARE IN mm
DO NOT SCALE DRAWING

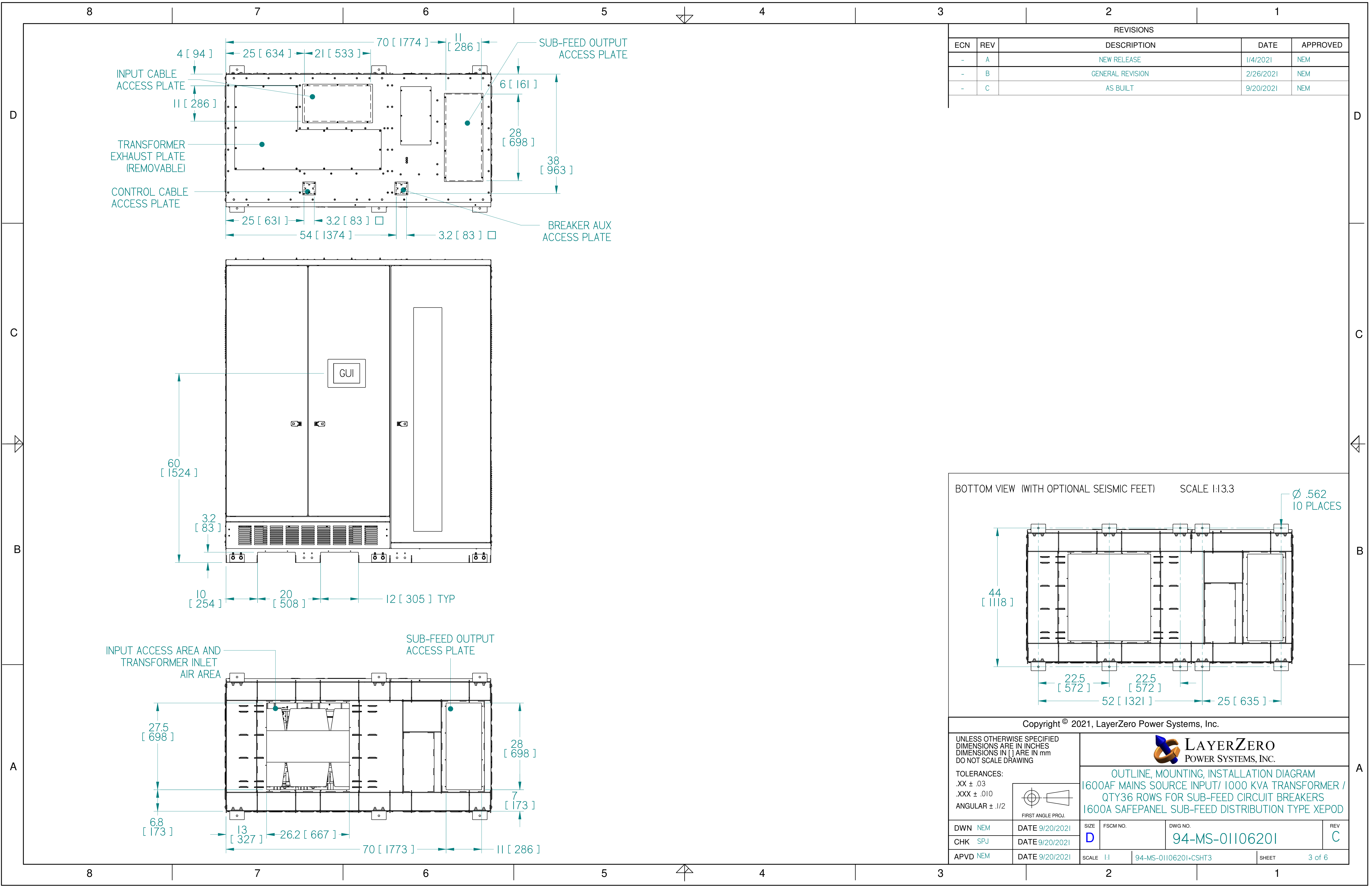
TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2

FIRST ANGLE PROJ.

LAYERZERO
POWER SYSTEMS, INC.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM
1600AF MAINS SOURCE INPUT/ 1000 KVA TRANSFORMER /
QTY36 ROWS FOR SUB-FEED CIRCUIT BREAKERS
1600A SAFEPANEL 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 1:1		94-MS-01106201-CSHT2	SHEET 2 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

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

Ø .562
10 PLACES

44 [1118]

22.5 [572] 22.5 [572]

52 [1321] 25 [635]

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DIMENSIONS IN [] ARE IN mm
DO NOT SCALE DRAWING

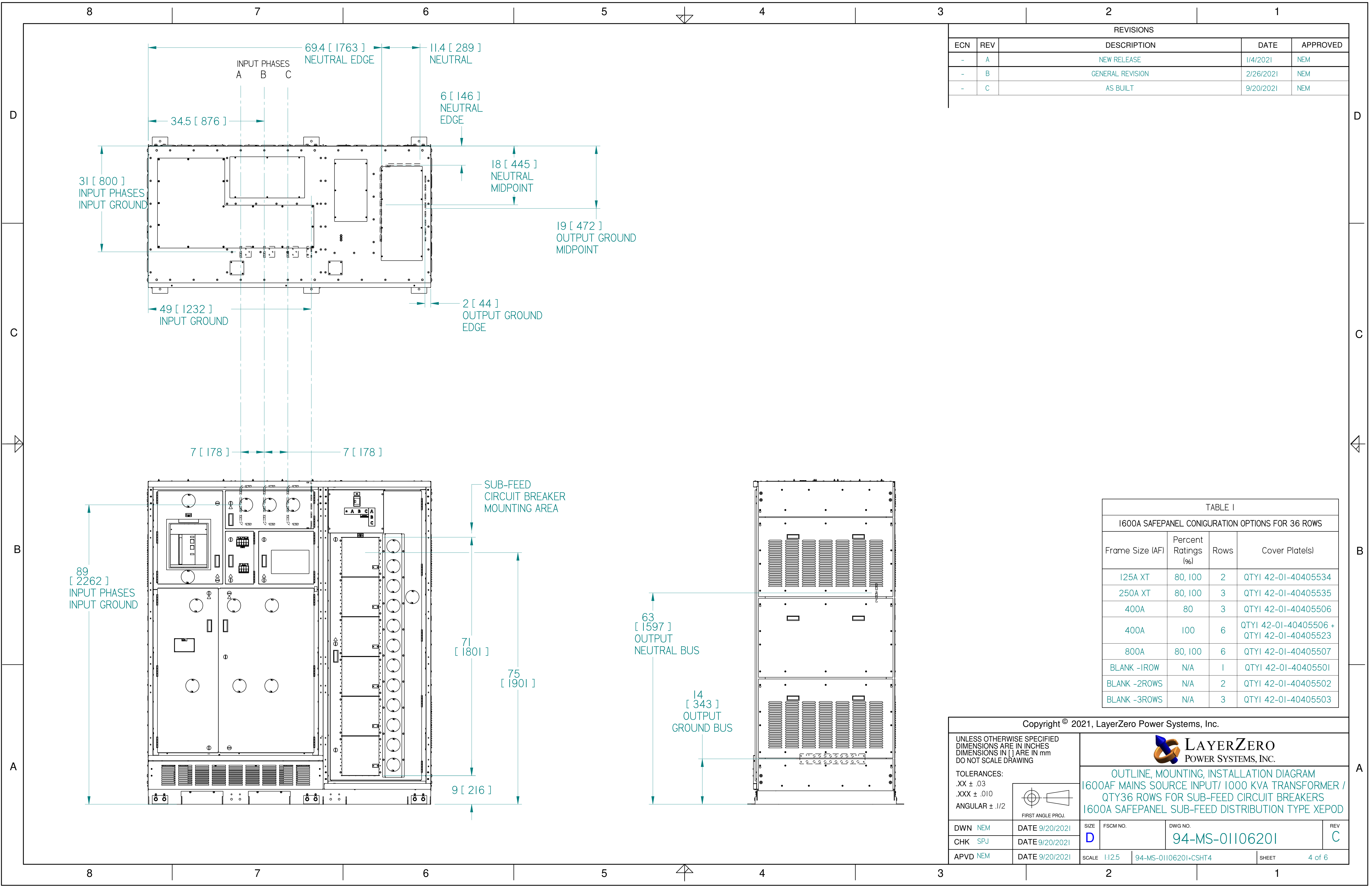
TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2

FIRST ANGLE PROJ.

LAYERZERO
POWER SYSTEMS, INC.

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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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 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

