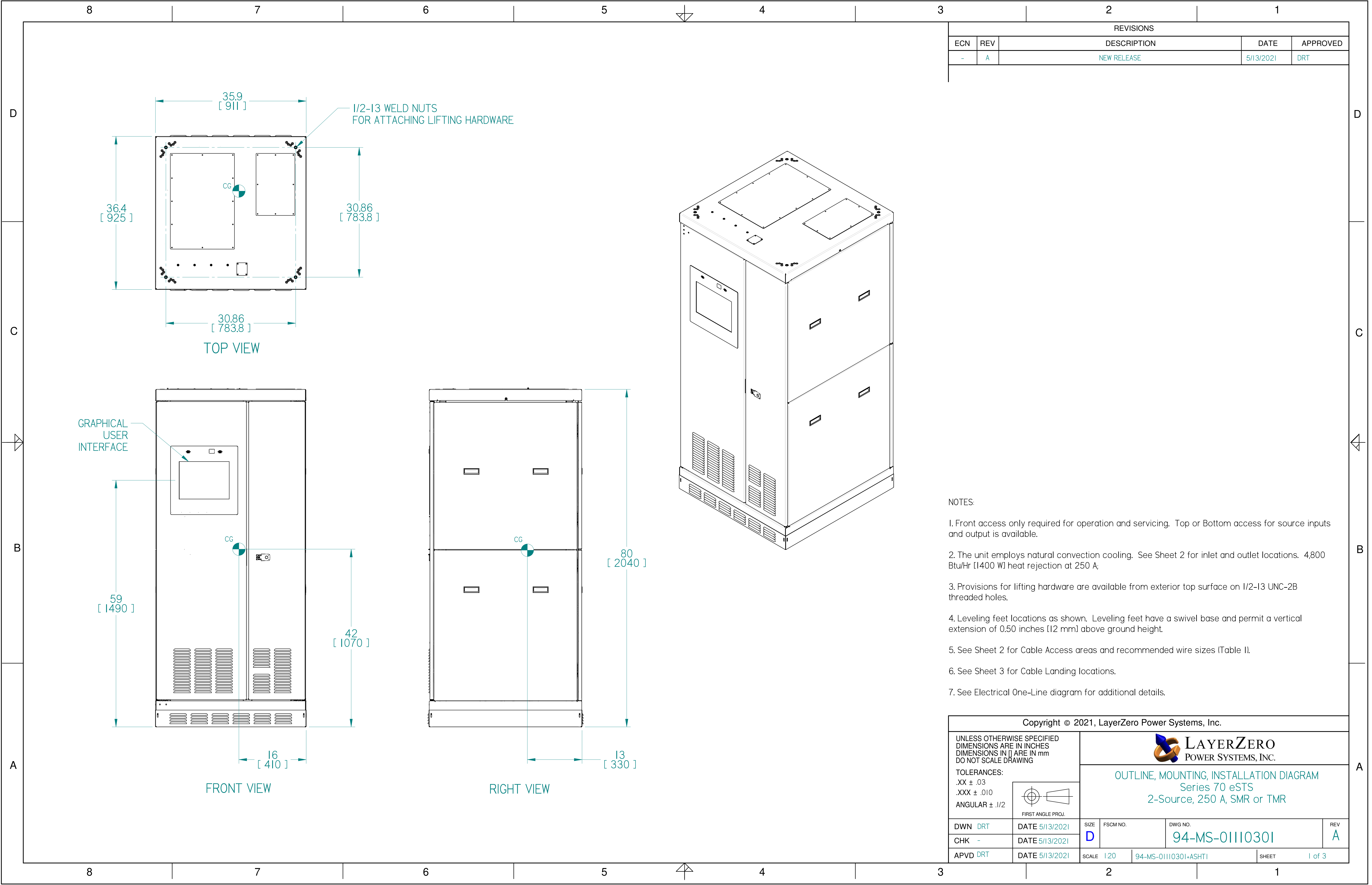




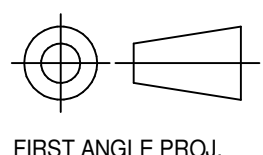
REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	5/13/2021	DRT

- NOTES:
1. Front access only required for operation and servicing. Top or Bottom access for source inputs and output is available.
 2. The unit employs natural convection cooling. See Sheet 2 for inlet and outlet locations. 4,800 Btu/Hr [1400 W] heat rejection at 250 A;
 3. Provisions for lifting hardware are available from exterior top surface on 1/2-13 UNC-2B threaded holes.
 4. Leveling feet locations as shown. Leveling feet have a swivel base and permit a vertical extension of 0.50 inches [12 mm] above ground height.
 5. See Sheet 2 for Cable Access areas and recommended wire sizes (Table I).
 6. See Sheet 3 for Cable Landing locations.
 7. See Electrical One-Line diagram for additional details.

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DIMENSIONS ARE IN INCHES
DIMENSIONS IN [] ARE IN mm
DO NOT SCALE DRAWING

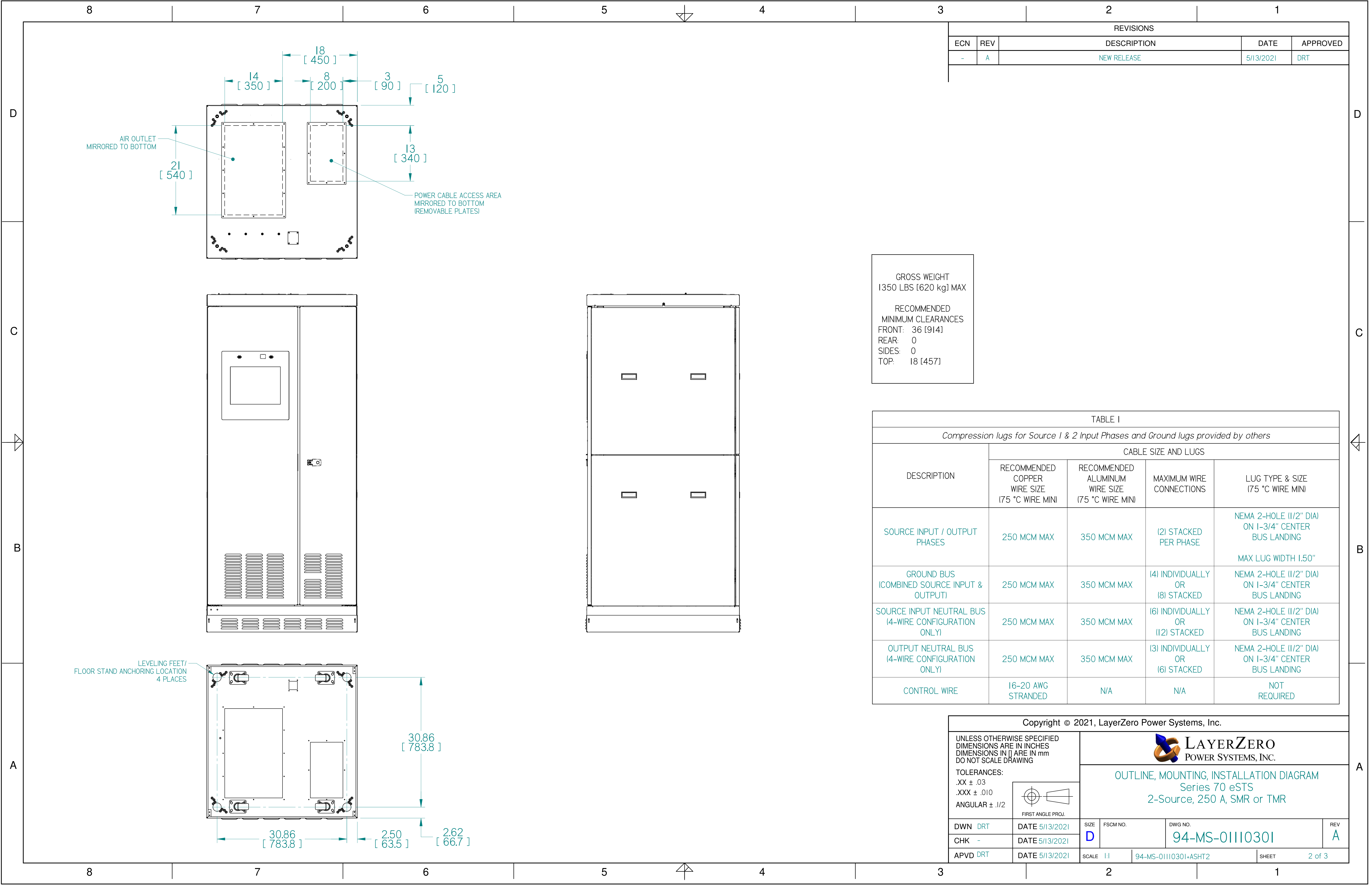
TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2


FIRST ANGLE PROJ.

 **LAYERZERO**
POWER SYSTEMS, INC.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM
Series 70 eSTS
2-Source, 250 A, SMR or TMR

DWN DRT	DATE 5/13/2021	SIZE D	FSCM NO.	DWG NO. 94-MS-01110301	REV A
CHK -	DATE 5/13/2021	SCALE 1:20	94-MS-01110301+ASHTI	SHEET	1 of 3
APVD DRT	DATE 5/13/2021				



REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	5/13/2021	DRT

GROSS WEIGHT
1350 LBS [620 kg] MAX

RECOMMENDED
MINIMUM CLEARANCES
FRONT: 36 [914]
REAR: 0
SIDES: 0
TOP: 18 [457]

TABLE I				
Compression lugs for Source 1 & 2 Input Phases and Ground 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)
SOURCE INPUT / OUTPUT PHASES	250 MCM MAX	350 MCM MAX	(2) STACKED PER PHASE	NEMA 2-HOLE (1/2" DIA) ON 1-3/4" CENTER BUS LANDING MAX LUG WIDTH 1.50"
GROUND BUS (COMBINED SOURCE INPUT & OUTPUT)	250 MCM MAX	350 MCM MAX	(4) INDIVIDUALLY OR (8) STACKED	NEMA 2-HOLE (1/2" DIA) ON 1-3/4" CENTER BUS LANDING
SOURCE INPUT NEUTRAL BUS (4-WIRE CONFIGURATION ONLY)	250 MCM MAX	350 MCM MAX	(6) INDIVIDUALLY OR (12) STACKED	NEMA 2-HOLE (1/2" DIA) ON 1-3/4" CENTER BUS LANDING
OUTPUT NEUTRAL BUS (4-WIRE CONFIGURATION ONLY)	250 MCM MAX	350 MCM MAX	(3) INDIVIDUALLY OR (6) STACKED	NEMA 2-HOLE (1/2" DIA) ON 1-3/4" CENTER BUS LANDING
CONTROL WIRE	16-20 AWG STRANDED	N/A	N/A	NOT REQUIRED

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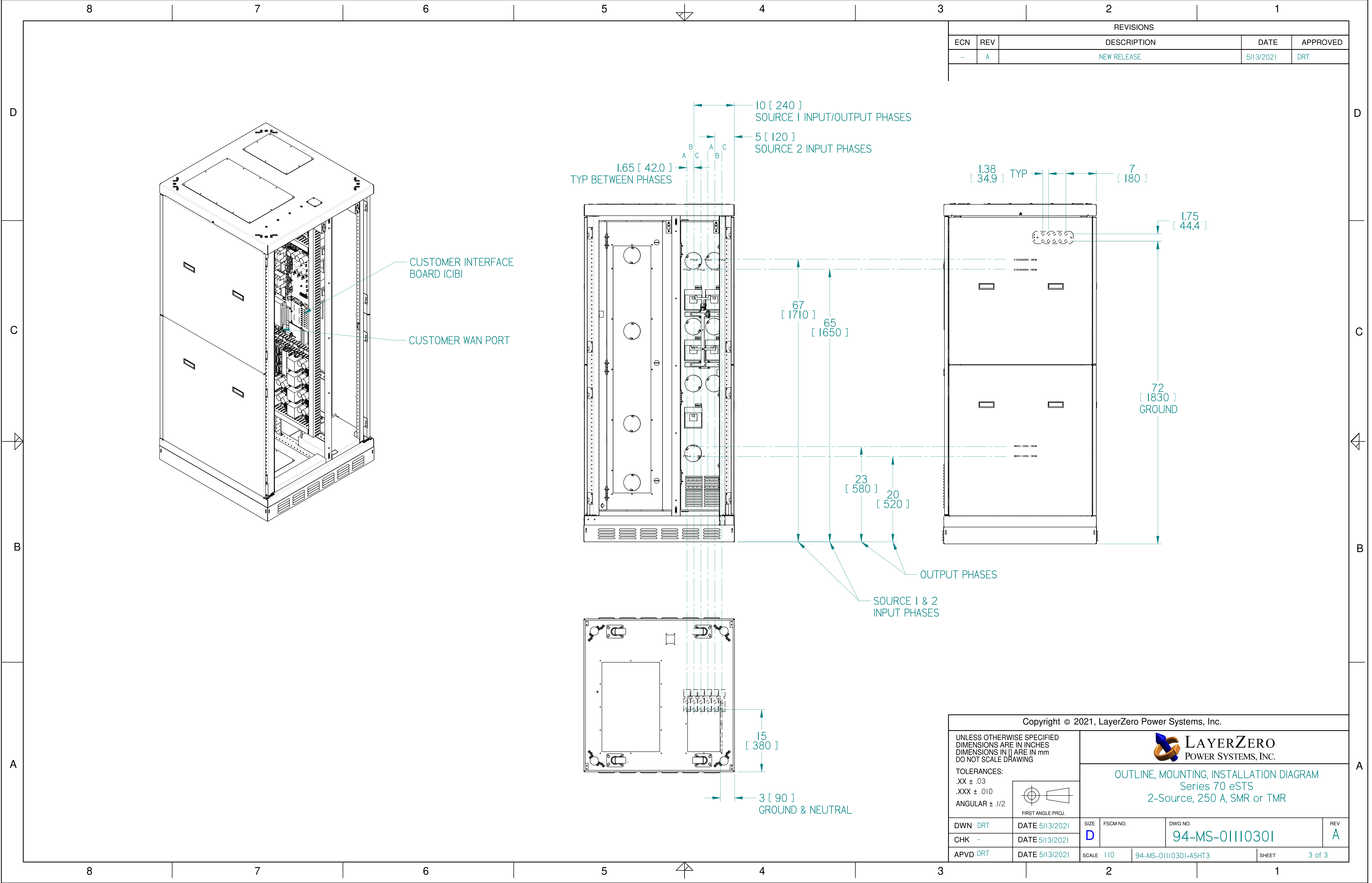
TOLERANCES:
.XX ± .03
.XXX ± .010
ANGULAR ± .1/2

FIRST ANGLE PROJ.

LAYERZERO
POWER SYSTEMS, INC.

OUTLINE, MOUNTING, INSTALLATION DIAGRAM
Series 70 eSTS
2-Source, 250 A, SMR or TMR

DWN DRT	DATE 5/13/2021	SIZE D	FSCM NO.	DWG NO. 94-MS-01110301	REV A
CHK -	DATE 5/13/2021	SCALE 1:1	94-MS-01110301+ASHT2	SHEET 2 of 3	
APVD DRT	DATE 5/13/2021				



REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	5/13/2021	DRT

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		OUTLINE, MOUNTING, INSTALLATION DIAGRAM Series 70 eSTS 2-Source, 250 A, SMR or TMR		
DWN DRT	DATE 5/13/2021	SIZE D	FSCM NO.	DWG NO. 94-MS-01110301
CHK -	DATE 5/13/2021	SCALE 1:10	94-MS-01110301+ASHT3	REV A
APVD DRT	DATE 5/13/2021	SHEET 3 of 3		