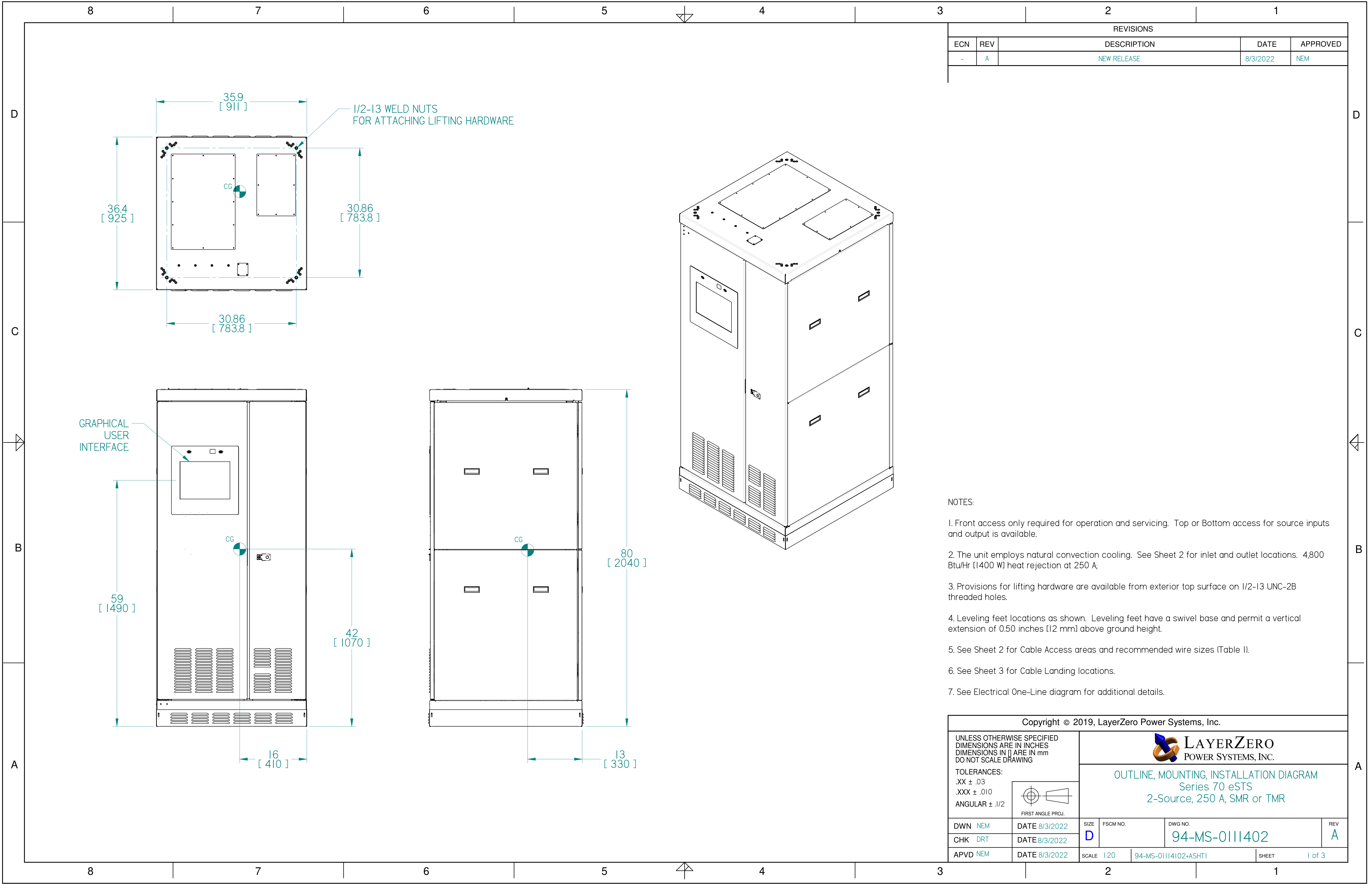
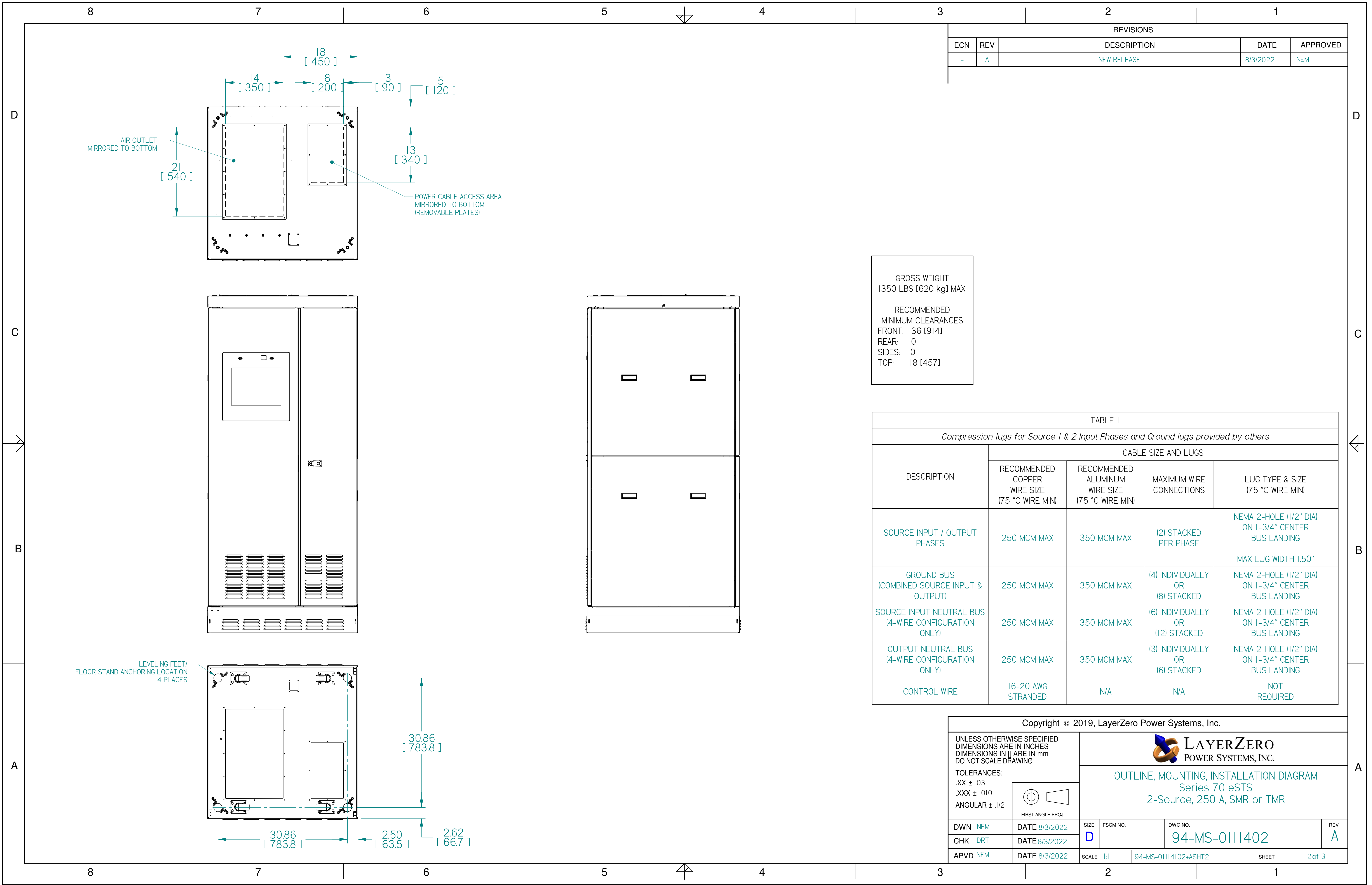






REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
-	A	NEW RELEASE	8/3/2022	NEM

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 MINI)	RECOMMENDED ALUMINUM WIRE SIZE (75 °C WIRE MINI)	MAXIMUM WIRE CONNECTIONS	LUG TYPE & SIZE (75 °C WIRE MINI)
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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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.

DWN NEM	DATE 8/3/2022	SIZE D	FSCM NO.	DWG NO. 94-MS-0111402	REV A
CHK DRT	DATE 8/3/2022	SCALE 1:1	94-MS-01114102+ASHT2		SHEET 2 of 3
APVD NEM	DATE 8/3/2022				

LAYERZERO
POWER SYSTEMS, INC.

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

