

3

ECN	REV	
-	В	
-	С	
-	D	
-	E	
-	F	
-	G	

I. Front access only required for load cabling may be wired from

2. The eSTS is mounted on a co are no shipping splits. The unit i

3. For the eSTS, with a 575/480V configuration: see Sheet 2 for Ca

4. See Sheet 2 for anchoring loca Sds Level 2.00/2.50 with z/h = I, 50lb-ft (108.5N-m).

5. See Sheet 3 for description of or 6CB as the sixth circuit breake specify CB configuration at the ti circuit breakers with the redunda Case Switches.

6. See Sheet 4 for Cable I/O landi 600MCM Aluminum per phase lar common plate.

7. Sheet 3 will show QTYII Infrare imaging of customer cable conn for scanning of Input / Output Cal consult factory if this option is d

8. A optional mechanical Bypass

9. A large 15 inch Touchscreen Gr control and monitoring.

10. Forklift covers are provided an

II. Optional Seismic Mounting Cle from the front if the unit is moun or other equipment. Please spec

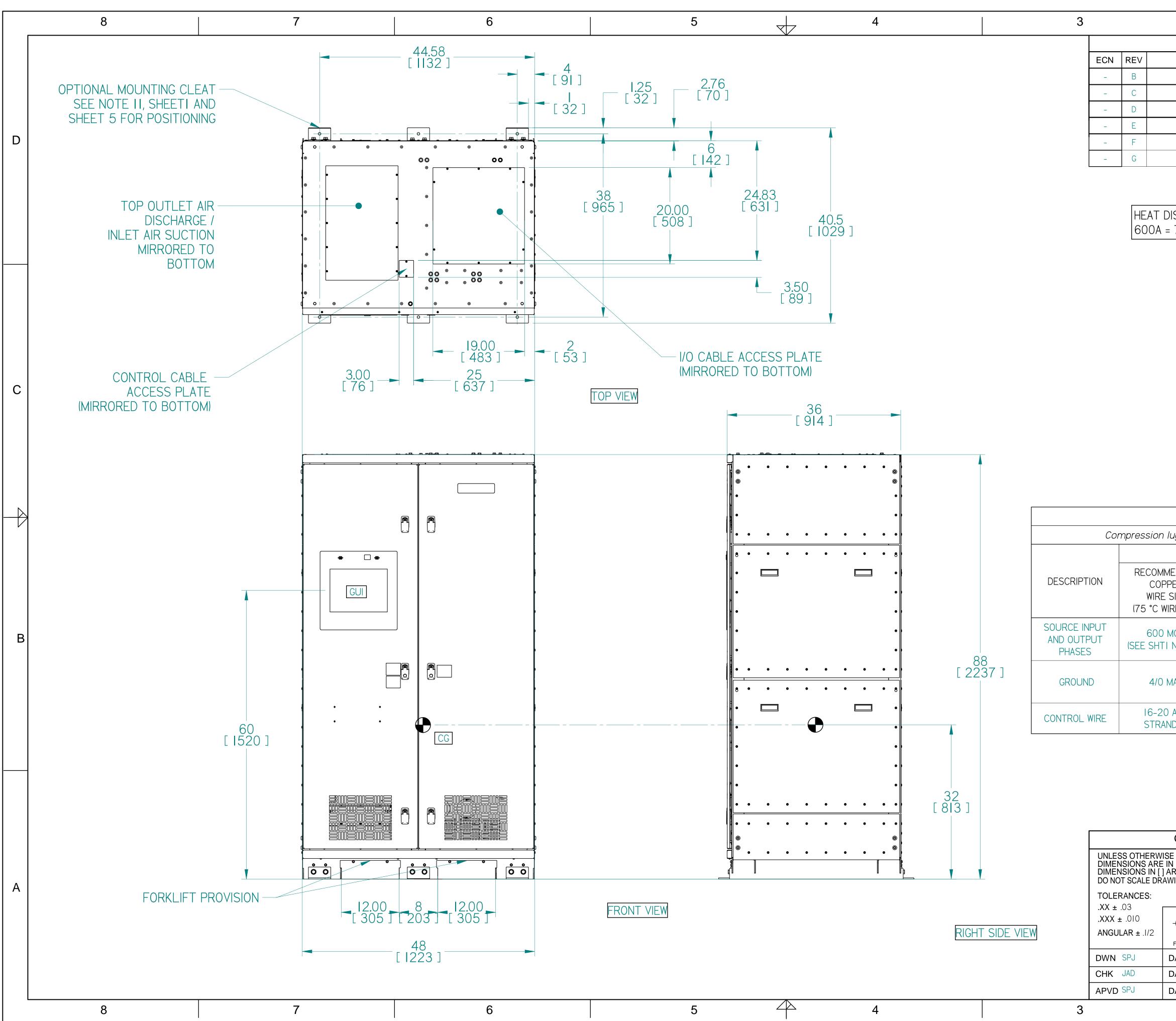
12 See One-Line electrical diagra

13. The customer Input / Output T or exit. Please specify Input / Ou factory as the terminals are field

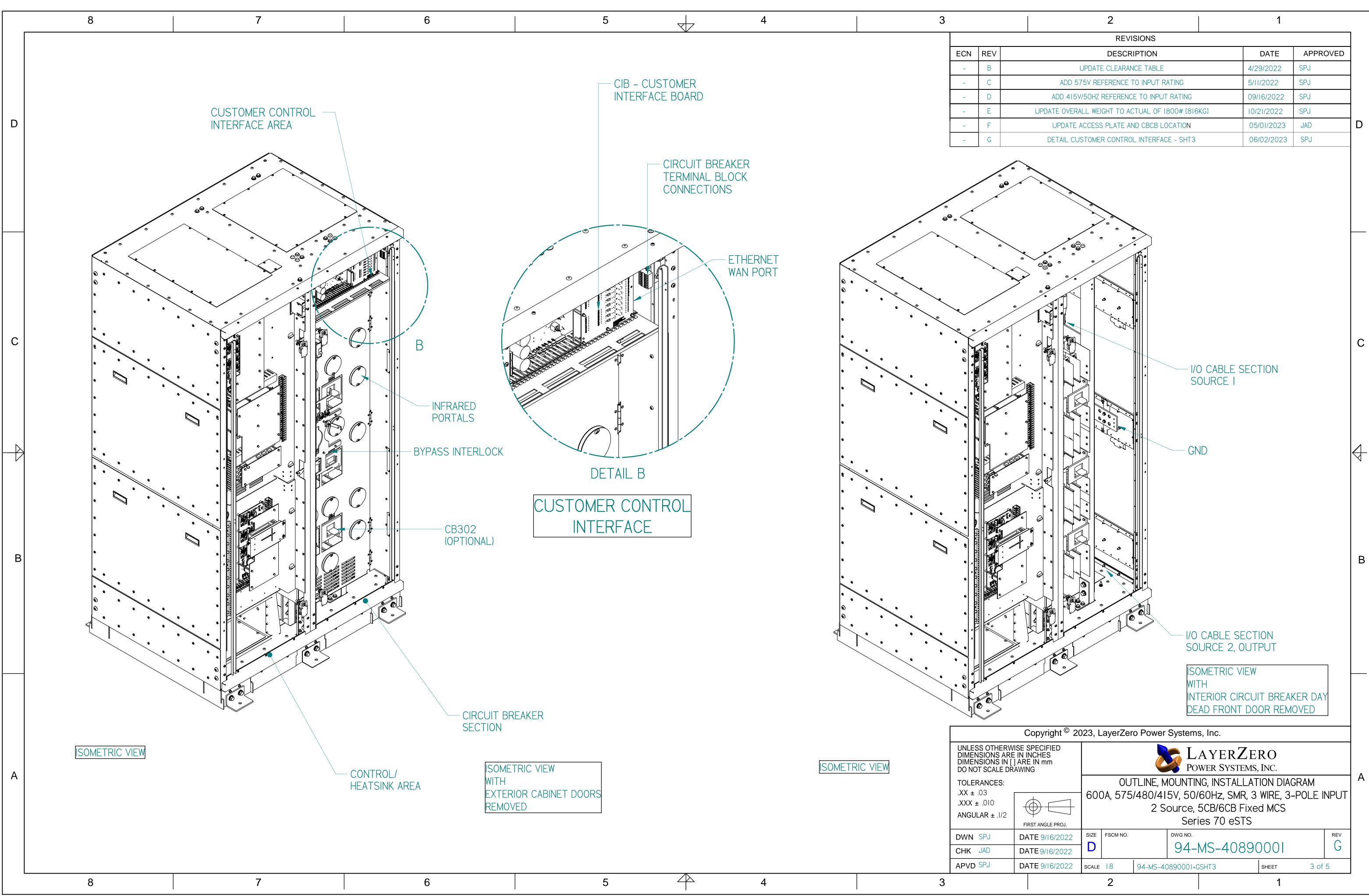
UNLESS OTHERW DIMENSIONS ARE DIMENSIONS IN [ DO NOT SCALE DR	E ÎN ] Af
TOLERANCES:	
.XX ± .03	
.XXX ± .010	-
ANGULAR ± .1/2	
DWN SPJ	D
CHK JAD	D
APVD SPJ	D

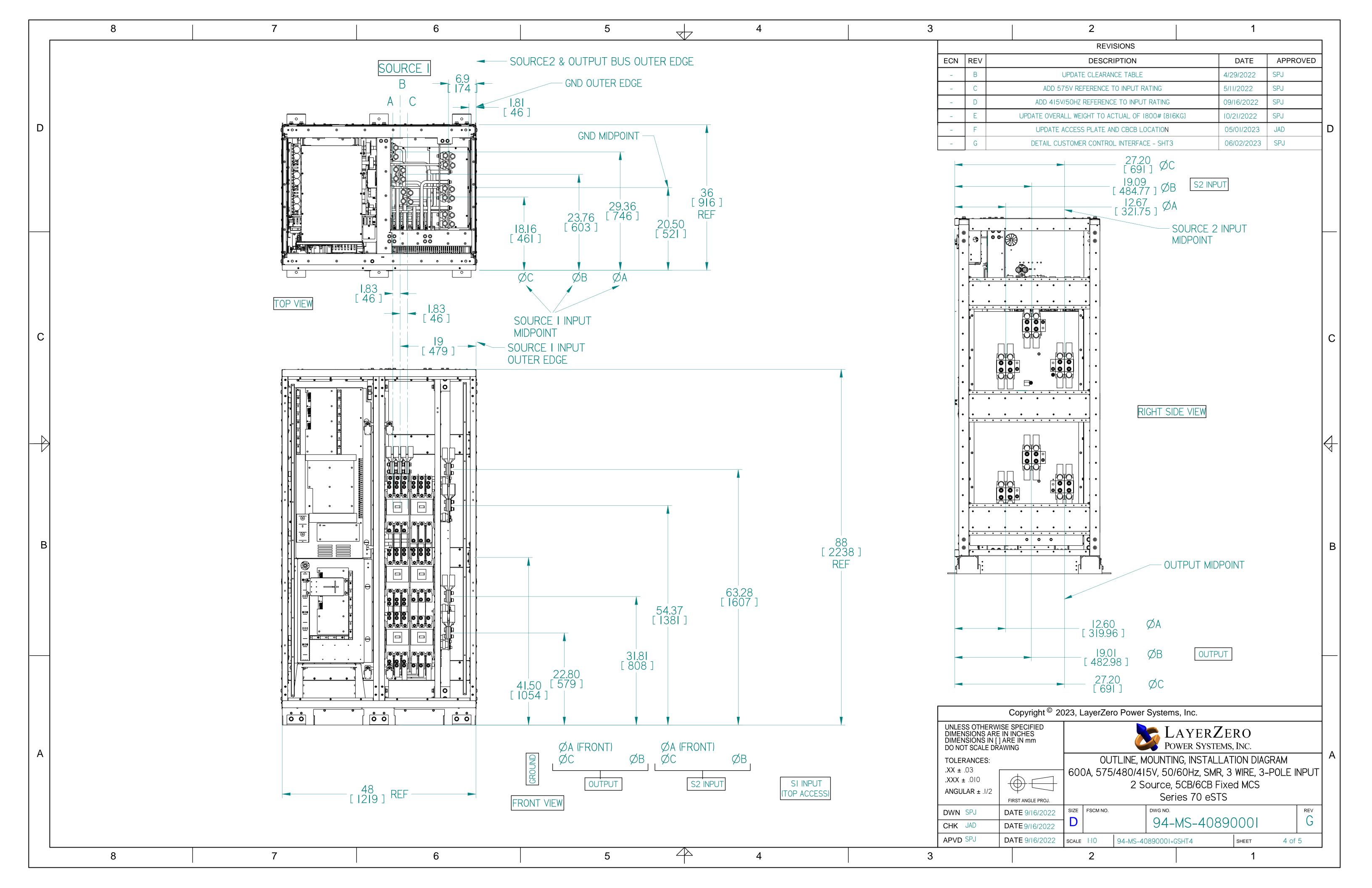
3

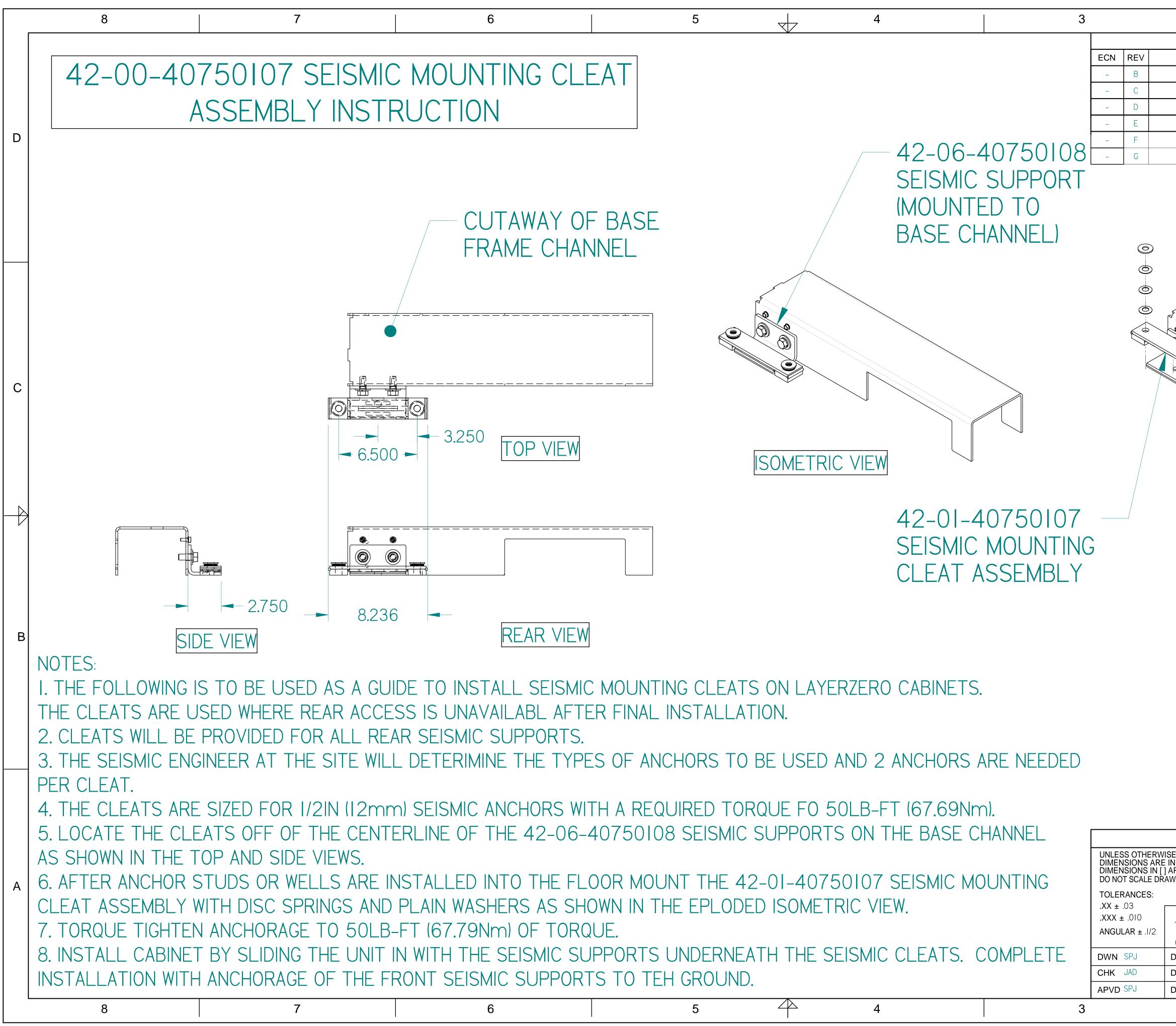
	2				1		-
		SIONS					-
					DATE	APPROVED	
	UPDATE CLEARAN				4/29/2022	SPJ	-
	75V REFERENCE				5/11/2022	SPJ	-
	V/50HZ REFERENC				09/16/2022	SPJ	
	ACCESS PLATE A			KGJ	10/21/2022 05/01/2023	SPJ JAD	
	ISTOMER CONTRO				06/02/2023	SPJ	
operation a either the to	nd servicing	g of the		Source Ir			_
ommon fram s provided w					5 1		
/ 600A / 60H able Access							
ations of the p = 1.5. Torq				2			
<sup>:</sup> internal cor er (CB302) is ime of order ant output ci	a redundar The desig	nt Outpu <sup>.</sup> In will st	t Circui now ma	t Breaker. aximum c	Customer onfiguratic	<sup>-</sup> to on for (6)	С
ing locations nding will att				• •			
ed Portals or nections. An Ible Connect desired.	optional Ins	sight IR	therma	I imaging	system is	availble	$\left  \begin{array}{c} \\ \\ \\ \end{array} \right $
Interlock me	echanism is	supplie	ed stand	dard as sl	nown on Sł	neet 3	
Graphical Use	er Interface	(GUI) is p	provide	d on the (	cabinet ext	erior for	B
nd may be i	nstalled afte	er final p	oositior	ning.			
eats are aval nted such the cify option if	at the rear o	of the co	abinet i	s in close	e proximity	to a wall	
am for furthe	er detail.						
Ferminal Lan Itput orientat d configurab	ion at the ti le.	me of c	order. I	f data una	•		
Copyright <sup>©</sup> 2	023, LayerZer	o Power	Systems	s, Inc.			4
E SPECIFIED			PL.	AYERZ	ZERO		
.RE IN mm VING				WER SYSTE			_
	OU	TLINE, M	OUNTIN	IG, INSTAL	LATION DIA	GRAM	A
	- 600A, 575		ource, {		ixed MCS	-POLE INPUT	
FIRST ANGLE PROJ.	SIZE FSCM NO.		DWG NO.			REV	-
DATE 9/16/2022				MS-408	390001	G	
							-
DATE 9/16/2022	SCALE 1:10	94-MS-40	אפטטטו+G ו	5H11	SHEET	l of 5	J
	2				1		



DETAIL CUSTOMER CONTROL INTERFACE - SHT3   DEGUZZED SPJ     DETAIL CUSTOMER CONTROL INTERFACE - SHT3   DEGUZZED SPJ     RECOMMENDED MINIMUM CLEARANCES. FRONT: 42 IN, [1067] REAR 0 IN LEFT SIDE 0 IN, RIGHT SIDE: 0	REVISIONS     DATE     APPROVED       UVARE CLAMARE TABLE     data provide the second of													
DESCRIPTION     DATE     APPROVED       LPART PLARANCE TON F     42820022     \$54       ADD 375Y REFERENCE TO INFUT RATING     09182202     \$54       UPDATE CONSIGN REFERENCE TO INFUT RATING     09182202     \$54       UPDATE CONSIGN REFERENCE TO INFUT RATING     09182202     \$54       UPDATE CONSIGN REFERENCE TO INPUT RATING     09182202     \$54       UPDATE CONSIGN REFERENCE TO INPUT RATING     0901822023     \$54       DETAL COSTORER CONTROL INTERACE - 9H13     0901822023     \$54       DETAL COSTORER CONTROL INTERACE - 9H13     0901822023     \$54       DETAL COSTORER CONTROL INTERACE - 9H13     090222023     \$54       DETAL COSTORER CONTROL INTERACE - 9H13     090220203     \$54       DETAL COSTORER CONTROL INTERACE - 9H13     090220203     \$57       DETAL COSTORER CONTROL INTERACE - 9H13     09001     \$57	DESCRIPTION     DATE     APPROVED       UPSITE CLARANCE TABLE     4/39/07/2     S4/3       AD 6 576/ REFERENCE TO NUT RATING     5/11/20/2     S4/3       AC 61 556/ REFERENCE TO NUT RATING     06/01/20/2     S4/3       LEPATE OVERALL XECHT TO ACTUAL OF 1900/ E16/CC     10/01/20/2     S4/3       UPATE ACCESS IF ATT AID CRCH I OCTION     06/01/20/2     S4/3       UPATE ACCESS IF ATT AID CRCH I OCTION     06/01/20/2     S4/3       UPATE ACCESS IF ATT AID CRCH I OCTION     06/01/20/2     S4/3       ISSIPATION     RECOMMENDED     MINIMUM CLEARANCES       FRONT: 42 IN [1067]     REAC: 0 IN     REAC: 0 IN       LEFT SIDE 0 N.     NEGHT SIDE 0 IN     ROT PIBN [45/7]       GROSS WEIGHT:     IB:00 # [8/6kg]     CO       Ugs for input Phoses and Ground/Neutral Age provided by others     CABLE SIZE AND LUCS       FRONT: 6     ALUMINIAN     MAXMUM WIRE     LUG TYPE & SIZE       VIE 60     SE SHTI NOTE 6     MAXMUM WIRE     LUG TYPE & SIZE       VIE 60     SE SHTI NOTE 6     MAXMUM WIRE     LUG TYPE & SIZE       VIE 60     SE SHTI NOTE 6     MAXA     NA				2					1			_	
LHAILE LAMARCE LAULE     40940022     SRJ       ADD STAV REPERVET TO INIT'R TAINS     SHI 2022     SRJ       ADD STAV REPERVET TO INIT'R TAINS     SHI 2022     SRJ       UPDATE SYSTEMENT TO AUTI SAINS     Data Contract Present Present State And DECE LOCATION     250/12022     SRJ       UPDATE SOCESS PLATE AND DECE LOCATION     250/12023     JAN     T       STATI CLECOMER CONTROL INTERACE - SHTS     DEDEPORTS     SRJ       DISSIPATION     FRONT 42 IN 100671     RECOMMENDED     MINIMUM CLEARANCES.       FRONT 42 IN 100671     REAR 0 IN     IEEE TOP 0 IN     RECOMMENDED       NEGST FOR TROLE TO LOS     CONSTRUCT ISING AND TOP 16N 14571     GROSS WEIGHT:     IBOO# 18/16kg1       IBOUH Phoses and Cround/Neutral kugs provided by others     CARLE SIZE NID LUDS     CONSCIONS     CARLE SIZE       EXED     RECOMENTED     MAXIMUM WIRE     LUG TYPE & SIZE     CONSCIONS     IF 5'C WIRE MIN       SIZE     RECOMENTED MAX     MAXIMUM WIRE     LUG TYPE & SIZE     SIZE       MOM     600 MCM     MAXIMUM WIRE     LUG TYPE & SIZE     SIZE       SIZE     VIRE SIZE     CONNECTIONS     If 5'C W	LPCATE CLEARANCE TABLE     1/20/2022     SPJ       ADD STAV REFERENCE TO INPUT MATING     DSI/20/22     SPJ       ADD 15/06/012 RETERDANCE TO INPUT MATING     DSI/20/22     SPJ       UPCATE AVOLES PLATE AND CRED LOCATION     DSI/20/23     SPJ       INTER CLEARANCES     SPJ     DRIVER AVOLES PLATE AND CRED LOCATION     DRIVER AVOLES PLATE AND CRED TABLE AT THE AVOLES PLATE AND CRED TABLE AVOLE				REVI	SIONS								
ADD 576V REFERENCE TO INPUT RATING     SH12022     SP.       ADD 44995012 RETERENCE TO INPUT RATING     OSH62022     SP.       LEDATE ONE-RALL WIGHT TO ACTUAL OF 18020 306631     INVEX.2022     SP.       LEDATE ONE-RALL WIGHT TO ACTUAL OF 18020 306631     INVEX.2022     SP.       LEDATE ONE-SER NET REV DOES   DATATING     OSK02025 3.80     D       DETAIL OLISTORER CONTROL INTERACE - S-813     OSK02025 3.80     D       DISSIPATION     RECOMMENDED     MINIMUM CLEARANCES       FRONT: 42 IN 110671     REAR O IN     LEFT SIDE O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN       RIGHT SDE: O IN     RIGHT SDE: O IN     RIGHT SDE: O IN </td <td>ADD STRV RETERENCE TO INPUT FAITING     SH (2002)     SPU       AND 4159/80/07 PREPRINCE TO INPUT FAITING     069/82/022     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     102/12/22     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     102/12/22     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     06/02/2023     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     06/02/2023     SPU       ISSIPATION     06/02/2023     SPU       TABLE 1     06/02/2023     SPU       ISSIPATION     RECOMMENDED     MINIMUM CLEARANCES.       FRONT: 42 IN 110671     REAR: 0 IN     ID/01/10/10/10/10/10/10/10/10/10/10/10/10/</td> <td></td> <td colspan="7">DESCRIPTION</td> <td>DATE</td> <td>APPR</td> <td>OVED</td> <td></td>	ADD STRV RETERENCE TO INPUT FAITING     SH (2002)     SPU       AND 4159/80/07 PREPRINCE TO INPUT FAITING     069/82/022     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     102/12/22     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     102/12/22     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     06/02/2023     SPU       UPNATE 04/68/LL NEIGHT TO ACTUAL OF 1800/016 (BKC)     06/02/2023     SPU       ISSIPATION     06/02/2023     SPU       TABLE 1     06/02/2023     SPU       ISSIPATION     RECOMMENDED     MINIMUM CLEARANCES.       FRONT: 42 IN 110671     REAR: 0 IN     ID/01/10/10/10/10/10/10/10/10/10/10/10/10/		DESCRIPTION							DATE	APPR	OVED		
ADD 415WED12 RETIDENCE TO NPUT RATINE     OPERADZ     SPJ       UPDATE OVERALL WEDN TO ACTURE OF 1909# 2016K01     1007/2002     340       UPDATE ACCESS PLATE AND OBDITION     0507/2023     340       DETAL CUSTOMER CONTROL INTERFACE - Set13     0602/2023     540       VISSIPATION     EETAL CUSTOMER CONTROL INTERFACE - Set13     0602/2023     540       VISSIPATION     FROMT 42 IN LIDOFT     RECOMMENDED       MINIMUM CLEARANCES.     FRONT 42 IN LIDOFT     REAR 0 IN       LEFT SIDE 0 IN     TOP: ISIN 14571     GROSS WEIGHT:       IBOU# IDAL Phoase and Ground/Neutral lugs provided by others     CABLE 517E AND LUGS       CABLE 517E AND LUGS     CABLE 517E AND LUGS     IVE 57C WIRE MINI       MINE 57C     CABLE 517E AND LUGS     IVE 57C WIRE MINI       MCM     RECOMMENDED     IVE 57C WIRE MINI       MCM     RECOMMENDED     IVE 57C WIRE MINI       MCM     RECOMMENDER     IVE 57C WIRE MINI       MCM     RECOM	ADD 4169/501/2 REFERENCE TO NPLIT NATIVE     Deales/2022     SFU       UIDATE OVERALL INCERTITIO ACTUAL OF 10004 636KS     102/2/2022     SFU       UIDATE ACCESS IP AT AND ERCELOCITION     DEAL VICENTITIO ACTUAL OF 10004 636KS     102/2/2022     SFU       UIDATE ACCESS IP AT AND ERCELOCITION     DEGRED/2023     JAD     D       ISS.FRATION     RECOMMENDED     MINIMUM CLEARANCES     FRONT 42 IN LIDG71       REAR 0 IN     LEFT SIDE 0 IN     RIGHT SIDE 0 IN     RIGHT SIDE 0 IN       TABLE 1     GROSS WEIGHT     GROSS WEIGHT     GROSS WEIGHT       IB300# 1816kg1     COMECTIONS     T75 TO WIRE MIN     C       VIEWE SIZE     MIXMUM WIRE     LUG TYPE & SIZE     FRONT 42 IN LIDG 1/2       VIEWE SIZE     WIRE SIZE AND LUCS     FRONT 42 IN LIDG 1/2     FRONT 42 IN LIDG 1/2       VIEWE SIZE     WIRE SIZE AND LUCS     MIXMUM WIRE     LUG TYPE & SIZE     FRONT 42 IN LIDG 1/2       VIEWE SIZE     WIRE SIZE AND LUCS     MIXMUM WIRE     LUG TYPE & SIZE     FRONT 42 IN LIDG 1/2       REAR 10 NOT 61     RECOMMENTION     MIXMUM WIRE     LUG TYPE & SIZE     FRONT 42 IN LIDG 1/2       REAR 10 NOT 62     R	UPDATE CLEARANCE TABLE							4/2	9/2022	SPJ			
LIPARE ACCESS R ATF AND GROUP DATION     DISOPRED ACCESS R ATF AND GROUP DATION     CHORE ACCESS R ATT AND ACCE	UPUALE OVERALL VECHT TO ACTUAL OF ISCON ISSERD.     INVESTOR     SNU       UPDATE ACCESS PLATE AND CODE UPDATION     0500/2223     JAD     D       DETAIL CUSTOME CONTROL INTERACE - SHT3     0600/2023     SNU     D       ISSEPATION 7.2008TU/hr T 2110W ]     RECOMMENDED MINIMUM CLEARANCES.     FRONT: 42 IN 110671 REAR: 0 IN. RIGHT SIDE: 0 IN. R		ADD 57	75V REI	FERENCE T	O INPUT R	ATING		5/11	/2022	SPJ			
UPART ACCESS PLATE ADD CLOSI JOCATION     OB50/2023     J4C     L       IPETAL CLISTONER CONTROL INTERACE - S-13     D6/07/2023     SRU       INSSIPATION - 7.200BTU/hr [ 2110W ]     RECOMMENDED MINIMUM CLEARANCES: FRONT 42 IN L10671 REAR 0 IN LEFT SIDE: 0 IN REAR 0 IN LEFT SIDE: 0 IN ROT SIDE: 0 IN ROT SIDE: 0 IN ROT SIDE: 0 IN REAR 0 IN LEFT SIDE: 0 IN ROT SIDE: 0 IN ROT SIDE: 0 IN ROT SIDE: 0 IN REAR 0 IN LEFT SIDE: 0 IN ROT SIDE: 0 IN ROT SIDE: 0 IN ROT SIDE: 0 IN REAR 0 IN LEFT SIDE: 0 IN ROT SID	UPOATE ACCESS PLATE AND CBOE LOCATION     OGF0/2023     JAO     D       DETAL CUSTOVER CONTINUE, INTERFACE - S-T3     OGF0/2023     SPU       ISSIPATION: 7/200BTU/hr I 2110W I     RECOMMENDED MINIMUM CLEARANCES: FRONT: 42 IN 110671 REAR 0 IN LEFT SIDE 0 IN RIGHT SIDE	AD	D 415V	//50HZ	REFERENC	E TO INPUT	RATING		09/	16/2022	SPJ			
Construction     SPJ       District Customer Contract Inter-accident     SPJ       Dissipation     RECOMMENDED MINMUM CLEARANCES.       FRONT: 42 IN LIDOFTJ REAR O IN LEFT SIDE: 0 IN RIGHT SIDE:	DETAIL COSTONER CONTROL INTERFACE - 9-T3     06/02/2023     5PJ       ISSIPATION 7/200BTU/hr I 2110W 1     RECOMMENDED MINIMUM CLEARANCES     REANING FRONT: 42 IN 110671 REAR: 0 IN LEFT SIDE: 0 IN TOP: ISIN 14571     GROSS WEIGHT: IBOO# (BIGKg)       ugs for input Phases and Ground/Neutral Kigs provided by others CABLE SIZE AND LUGS     GROSS WEIGHT: IBOO# (BIGKg)     GROSS WEIGHT: IBOO# (BIGKg)       wire SiZE     CONNECTIONS     175 °C WRE MIN     MXXMUM WIRE (ILLG TYPE & SIZE (ILLENDMED)     ILLG TYPE & SIZE (ILLENDMED)     GROSS WEIGHT: IBOO# (BIG TYPE & SIZE (INT 5°C WRE MIN)     ILLG TYPE & SIZE (IT5 °C WRE MIN)     ILLG TYPE & SIZE (IT5 °C WRE MIN)     ILLG TYPE & SIZE (INT 6)     ILLG TYPE & SIZE (IT5 °C WRE MIN)     ILLG TY	UPDATE	OVERA	LL WEI	GHT TO AC	TUAL OF I	800# [8]	6KG]	10/2	21/2022	SPJ			
INSSIPATION.   RECOMMENDED MINIMUM CLEARANCES:     FRONT-42:IN.(1067) REAR 0 IN LEFT SIDE 0 IN Right SIDE: 0 IN Right S	ISSIPATION: 7.200BTU/hr [ 2110W ]     RECOMMENDED MINIMUM CLEARANCES     FRONT: 42 IN. (1067) REAR: 0 IN LEFT SIDE: 0 IN. RIGHT SIDE: 0 I	UPDATE ACCESS PLATE AND CBCB LOCATION							05/	/01/2023	JAD		D	
TABLE 1     Image: State of the sta	Construction     MINIMUM CLEARANCES:     FRONT: 42 IN TIO671 REAR 0 IN LEFT SIDE: 0 IN. RIGHT SIDE: 0	DETAIL CUSTOMER CONTROL INTERFACE - SH					CE - SHT3	3	06/	02/2023	SPJ			
CABLE SIZE AND LUGS     MENDED   RECOMMENDED   MAXIMUM WIRE   LUG TYPE & SIZE   ICS ** C WIRE MINI     SIZE   WIRE SIZE   CONNECTIONS   ITS ** C WIRE MINI   NEMA 2-HOLE IØ 1/2"I   ON 1-3/4" CENTER     MCM   600 MCM   (4) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"I   ON 1-3/4" CENTER   BUS LANDING     MAX   250 MCM MAX   (I12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"I   ON 1-3/4" CENTER     MAX   250 MCM MAX   (I12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"I   ON 1-3/4" CENTER     MAX   250 MCM MAX   (I12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"I   ON 1-3/4" CENTER     MAX   250 MCM MAX   (I12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"I   ON 1-3/4" CENTER     MAX   250 MCM MAX   (I12) INDIVIDUALLY   NOT   BUS LANDING     NMA   N/A   N/A   REQUIRED   NOT     NDED   N/A   N/A   NOT   REQUIRED     VING   OUTLINE, MOUNTING, INSTALLATION DIAGRAM   OUA, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT   2 Source, 5CB/6CB Fixed MCS     Series 70 eSTS   DATE 9/16/2022   D   PMME MO.   PWM MO.     DATE 9	CABLE SIZE AND LUGS     ENDED   RECOMMENDED   MAXIMUM WIRE   LUG TYPE & SIZE   I/5   I/5   I/5   I/5   I/5   I/5   I/5   I/5   I/5   I/1   I/1 <th 1<="" th="">   I/1   I</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>MINIMUN FRONT: REAR: 0 LEFT SI RIGHT S TOP: 181 GROSS V</th> <th>M CLEAF 42 IN. [ IN. DE: 0 IN SIDE: 0 II IN. [457 WEIGHT:</th> <th>RANCES: 1067] N. ]</th> <th></th> <th></th> <th>c</th>	I/1   I							MINIMUN FRONT: REAR: 0 LEFT SI RIGHT S TOP: 181 GROSS V	M CLEAF 42 IN. [ IN. DE: 0 IN SIDE: 0 II IN. [457 WEIGHT:	RANCES: 1067] N. ]			c
RENDED   RECOMMENDED   MAXIMUM WIRE   LUG TYPE & SIZE     SIZE   WIRE SIZE   CONNECTIONS   I/5 °C WIRE MINI     MCM   600 MCM   (4) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     NOTE 61   ISEE SHTI NOTE 61   (4) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NEMA 2-HOLE IØ 1/2"     MAX   250 MCM MAX   (12) INDIVIDUALLY   NI - 3/4" CENTER     BUS LANDING   NUA   NOT   REQUIRED     NDED   N/A   N/A   NOT     NDED   N/A   N/A   NOT     WING   OUTLINE, MOUNTING, INSTALLATION DIAGRAM   600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT   2 Source, 5CB/6CB Fixed MCS     NET ANGLE PROJ   P   P	ENDED   RECOMMENDED   MAXIMUM WIRE   LUG TYPE & SIZE     VER   ALUMINUM   MAXIMUM WIRE   CONNECTIONS   LUG TYPE & SIZE     SIZE   IT5 *C WIRE MINI   CONNECTIONS   IT5 *C WIRE MINI   NEMA 2-HOLE (Ø 1/2")     ACM   600 MCM   I4) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2")   ON 1-3/4" CENTER     MAX   250 MCM MAX   II(2) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2")   ON 1-3/4" CENTER     MAX   250 MCM MAX   II(2) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2")   ON 1-3/4" CENTER     MAX   250 MCM MAX   II(2) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2")   ON 1-3/4" CENTER     MAX   250 MCM MAX   II(2) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2")   ON 1-3/4" CENTER     MAX   250 MCM MAX   II(2) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2")   ON 1-3/4" CENTER     BUS LANDING   N/A   N/A   NOT   BUS LANDING     AWG   N/A   N/A   NOT   REVINE     VINCHES   E   E   COUTLINE, MOUNTING, INSTALLATION DIAGRAM   600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT   2 Source, 5CB/6CB Fixed MCS   Series 70 eSTS     PRET ANGLE PROJ   D   PWG NO <td>lugs for Inp</td> <td>but Ph</td> <td>ases</td> <td>and Grou</td> <td>und/Neut</td> <td>ral lugs</td> <td>provide</td> <td>d by oth</td> <td>ers</td> <td></td> <td></td> <td></td>	lugs for Inp	but Ph	ases	and Grou	und/Neut	ral lugs	provide	d by oth	ers				
PER SIZE   ALUMINUM WIRE SIZE   MAXIMUM WIRE CONNECTIONS   LUG TYPE & SIZE (75 °C WIRE MIN)     MCM NOTE 61   600 MCM (SEE SHT1 NOTE 6)   (4) INDIVIDUALLY (MAX)   NEMA 2-HOLE (Ø 1/2°) ON 1-3/4° CENTER BUS LANDING   NEMA 2-HOLE (Ø 1/2°) ON 1-3/4° CENTER BUS LANDING   NAX     MAX   250 MCM MAX   (12) INDIVIDUALLY (I2) INDIVIDUALLY   NEMA 2-HOLE (Ø 1/2°) ON 1-3/4° CENTER BUS LANDING   NEMA 2-HOLE (Ø 1/2°) ON 1-3/4° CENTER BUS LANDING     0 AWG   N/A   N/A   NOT REQUIRED     0 OUTLINE, MOUNTING, INSTALLATION DIAGRAM 600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS   Pev     DATE 9/16/2022   SIZE P   FISCM NO.   DWO NO.     DATE 9/16/2022   SIZE P   FISCM NO.   DWO NO.	ZER SIZE   ALUMINUM WIRE SIZE   MAXIMUM WIRE CONNECTIONS   LUG TYPE & SIZE (75 °C WIRE MIN)     ACM NOTE 6)   600 MCM (SEE SHTI NOTE 6)   14) INDIVIDUALLY MAX)   NEMA 2-HOLE (Ø I/2") ON 1-3/4" CENTER BUS LANDING     MAX   250 MCM MAX   (12) INDIVIDUALLY MAX)   NEMA 2-HOLE (Ø I/2") ON 1-3/4" CENTER BUS LANDING     AWG   N/A   N/A   NOT REQUIRED     AWG   N/A   N/A   NOT REQUIRED     VINCHES RE IN mm VING   OUTLINE, MOUNTING, INSTALLATION DIAGRAM 600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS   AWRE PROL     PIRSTANGLE PROL PRET 9/16/2022   D   FSCM NO.   OVER NO. 94-MS-40890001   REV G	,			CABL	E SIZE AN	ND LUGS	5	1					
MCM   COUMCM   Ital INDIVIDUALLY   ON I-3/4" CENTER     NOTE 6)   ISEE SHTI NOTE 6)   IMAX)   NAX   Substanding     WAX   250 MCM MAX   II2) INDIVIDUALLY   NEMA 2-HOLE (Ø I/2") ON I-3/4" CENTER BUS LANDING     WAX   250 MCM MAX   II2) INDIVIDUALLY   NEMA 2-HOLE (Ø I/2") ON I-3/4" CENTER BUS LANDING     VAWG   N/A   N/A   NOT REQUIRED     VAWG   N/A   N/A   NOT     VAWG   N/A   N/A   NOT     VAWG   N/A   N/A   NOT     VAWG   N/A   N/A   NOT     VAWG   OUTLINE, MOUNTING, INSTALLATION DIAGRAM   600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT     VATE STANGLE PROJ   D   D   D     DATE 9/16/2022   D	CODUME   Iddition   ON I-3/4" CENTER BUS LANDING     NOTE 61   ISEE SHTI NOTE 61   IMAX1   ON I-3/4" CENTER BUS LANDING     IAX   250 MCM MAX   II2) INDIVIDUALLY   NEMA 2-HOLE (Ø I/2") ON I-3/4" CENTER BUS LANDING     AWG   N/A   N/A   NOT REQUIRED     AWG   N/A   N/A   NOT REQUIRED     Copyright © 2023, LayerZero Power Systems, Inc.   E     E SPECIFIED VINCHES RE IN MM VING   OUTLINE, MOUNTING, INSTALLATION DIAGRAM 600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS   A     OATE 9/16/2022   D   PWG NO. 94-MS-40890001   Rev G   G     DATE 9/16/2022   SOLE   II0   94-MS-40890001+CSHT2   SHEET   2 of 5	PER SIZE	,	ALUMI WIRE	NUM SIZE									
MAX   250 MCM MAX   (I2) INDIVIDUALLY   ON I-3/4" CENTER BUS LANDING     AWG   N/A   N/A   NOT REQUIRED     ODED   N/A   N/A   NOT REQUIRED     Copyright © 2023, LayerZero Power Systems, Inc.   ESPECIFIED     NINCHES RE IN mm WING   Image: Comparison of the systems, Inc.     VICHES RE IN mm WING   OUTLINE, MOUNTING, INSTALLATION DIAGRAM 600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS     DATE 9/16/2022   Size D   FSCM NO.   DWG NO. 94-MS-40890001   REV G	MAX   250 MCM MAX   (I 2) INDIVIDUALLY   ON I-3/4" CENTER BUS LANDING     AWG IDED   N/A   N/A   NOT REQUIRED     Copyright <sup>©</sup> 2023, LayerZero Power Systems, Inc.     E SPECIFIED NINCHES RE IN mm VING   ESPECIFIED OUTLINE, MOUNTING, INSTALLATION DIAGRAM 600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS   A     Outer Provide FIRST ANGLE PROJ.   FSCM NO.   P     Outer 9/16/2022   SIZE   FSCM NO.   P		(SEE					IALLY	ON	I-3/4" CE	ENTER		E	
NDED   N/A   N/A   REQUIRED     Copyright © 2023, LayerZero Power Systems, Inc.   Especified   Especified   Especified     NINCHES   Image: Comparison of the system of th	IDED   N/A   N/A   REQUIRED     Copyright © 2023, LayerZero Power Systems, Inc.   ESPECIFIED   Inchestant   Inchestant     VINCHES   Image: Comparison of the system of th	MAX	25	50 MC	M MAX	(12)	(12) INDIVIDUALLY		ON	ON I-3/4" CENTER				
Copyright © 2023, LayerZero Power Systems, Inc.     SE SPECIFIED N INCHES ARE IN mm WING   LAYERZERO POWER SYSTEMS, INC.     OUTLINE, MOUNTING, INSTALLATION DIAGRAM     600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS     DATE 9/16/2022     SIZE     FISCM NO.     DWG NO.     94-MS-40890001	Copyright © 2023, LayerZero Power Systems, Inc.     E SPECIFIED NINCHES RE IN mm VING     OUTLINE, MOUNTING, INSTALLATION DIAGRAM 600A, 575/480/415V, 50/60Hz, SMR, 3 WIRE, 3-POLE INPUT 2 Source, 5CB/6CB Fixed MCS Series 70 eSTS     FIRST ANGLE PROJ.     DATE 9/16/2022     SIZE     FIRST ANGLE PROJ.			N/	Ą		N/A							
DATE 9/16/2022 D 94-MS-40890001 G	DATE 9/16/2022     D     94-MS-40890001     G       DATE 9/16/2022     SCALE     1:10     94-MS-40890001+GSHT2     SHEET     2 of 5	E SPECIFIED N INCHES ARE IN mm WING			00	TLINE, M /480/41	IOUNT 5V, 5C ource,	AYE Ower Sy ING, INS 0/60Hz, 5CB/60	YSTEMS, TALLAT SMR, 3 CB Fixe	INC. ION DIA( WIRE, 3-		NPUT	A	
	DATE 9/16/2022     D     O + 1/10     O + 0000001     C       DATE 9/16/2022     scale     1:10     94-MS-40890001+GSHT2     sheet     2 of 5				FSCM NO.								1	
DATE 9/16/2022 scale 1:10 94-MS-40890001+GSHT2 SHEET 2 of 5		DATE 9/16/2	2022	D			94-	-MS-4	10890	000		G		
	2 1	DATE 9/16/2	2022	SCALE	1:10	94-MS-4(	0890001-	+GSHT2		SHEET	2 of	5	1	







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L.	REV	SIONS				
	DESCR	IPTION		DATE	APPROVED	
	UPDATE CLEARAN			4/29/2022	SPJ	
	75V REFERENCE			5/11/2022	SPJ	
	1/50HZ REFERENC			09/16/2022	SPJ SPJ	
	ACCESS PLATE AI			05/01/2023	JAD	D
	STOMER CONTRO			06/02/2023	SPJ	
		PLAIN 09	WASH 9-32-	00401 IER (X2 016010 PRING ()	)01	С
	1ETRIC XPLODE					В
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IN INCHES ARE IN mm				RZERO		
AWING				STEMS, INC.		A
				ALLATION DIAC SMR, 3 WIRE, 3-		
	1000A, 373			BR, 3 WIRE, 3- B Fixed MCS	FULE INPUT	
FIRST ANGLE PROJ.		_ 000	Series 70			
DATE 9/16/2022	SIZE FSCM NO.		/G NO.		REV	1
DATE 9/16/2022	D		94-MS-4	0890001	G	
DATE 9/16/2022	scale 1:4	94-MS-4089	0001+GSHT5	SHEET	5 of 5	1
	2			1		-