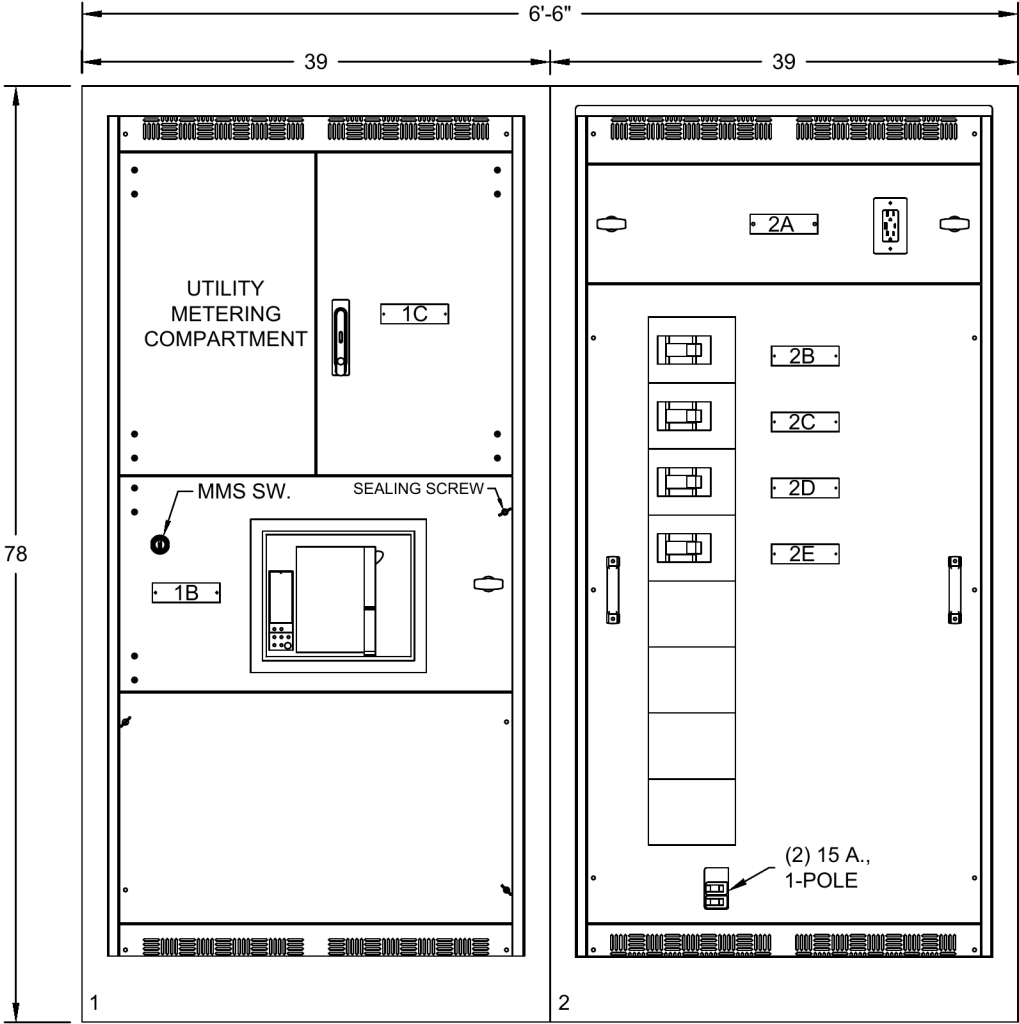




FRONT VIEW
(SHOWN WITHOUT DOORS)

PRODUCT DESCRIPTION & RATINGS

PRODUCT TYPE [EV-2]

- LEVEL-3 SERVICE SWITCHBOARD

UTILITY INFORMATION [LPC (LONGMONT POWER & COMMUNICATIONS)]

- METER AFTER DISCONNECT (COLD SEQUENCE)

POWER SYSTEM DATA [INCOMING SERVICE]

-SECTION 1 (BOTTOM FEED)

BUS SYSTEM DATA

- SILVER PLATED COPPER MAIN BUS

- DENSITY RATED AT 1000A PER SQUARE INCH

- 98% CONDUCTIVITY RATED IN ACCORDANCE w/ UL891

ENCLOSURE DATA

- CODE GAUGE, FORMED COVERS & DOORS

- ENCLOSURE SHALL CONFORM TO INGRESS PROTECTION IN ACCORDANCE WITH A TYPE-3R RATING.

- EXTERIOR HARDWARE TO BE TAMPER-RESISTANT S.S. SCREWS.

- DOOR HANDLES ARE EQUIPPED WITH PADLOCK HASP.

- FINISH SHALL BE: ☒ WHITE (STANDARD) ☐ GRAY ☐ GREEN

- FRONT ACCESSIBLE ONLY.

CODE STANDARDS

- UL891

NAMEPLATES

- LAMICOID TYPE, WHITE w/BLACK LETTERS.

ACCESSORIES

- ENCLOSURE HEATERS W/ HYGROSTAT CONTROL

- SERVICE DISCONNECT GROUND FAULT PROTECTION PER N.E.C. 230.95.

- DOUBLE PADLOCK HASP ON EXTERIOR DOOR [SECTION-1], FOR JOINT CUSTOMER & UTILITY ACCESS TO MAIN DISCONNECT.

REFERENCES:

- FOR NAMEPLATE DESIGNATIONS SEE 'SWITCHBOARD SCHEDULE' SHT-03

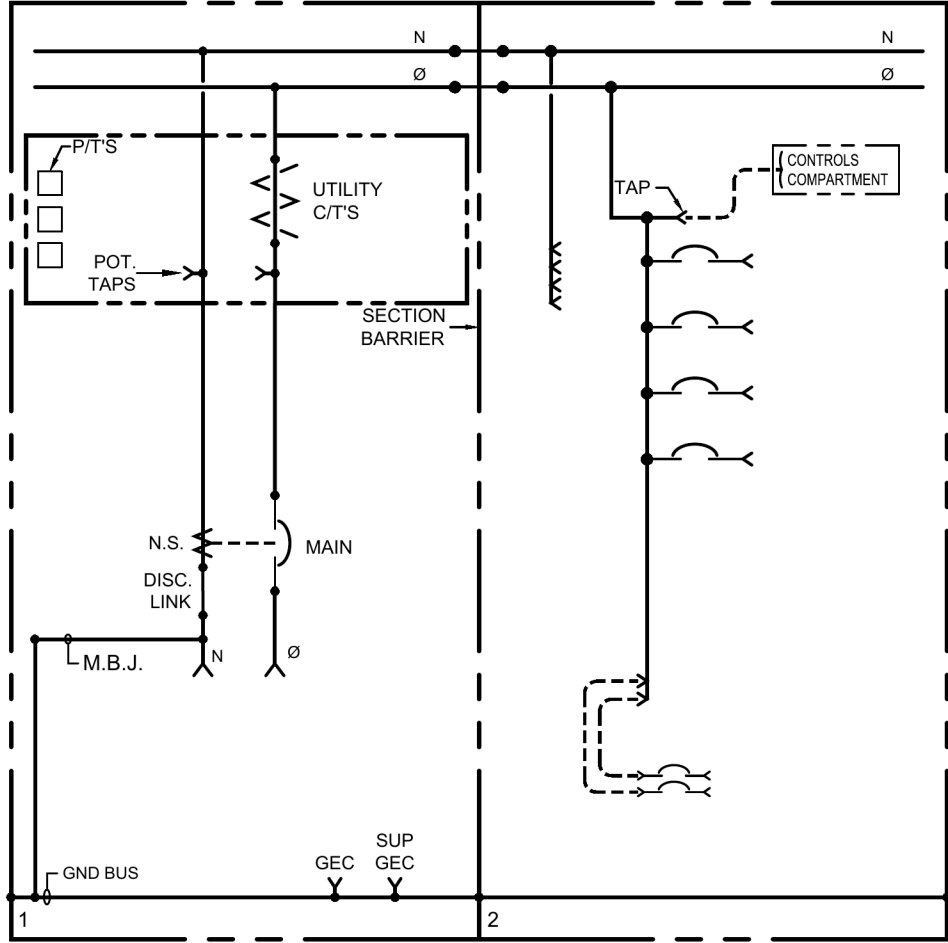


LINCOLN ELECTRIC
PRODUCTS CO., INC.

Inventory serial:
26678

DRAWING TITLE		EQUIPMENT DESIGNATION				
FRONT VIEW		EV-2				
SHORT CIRCUIT RATING	VOLTAGE	AMPERAGE	SYSTEM	BUS MATERIAL	ENCLOSURE	REV
65kA. SYM. RMS	480Y/277V AC	1200A	3ϕ, 4W	COPPER	TYPE-3R	1

SHEET NUMBER
1 OF 6



----- FACTORY WIRED

REFERENCES:
- FOR CONTROLS COMPARTMENT & SUB-PANEL DETAILS SEE SHT-06

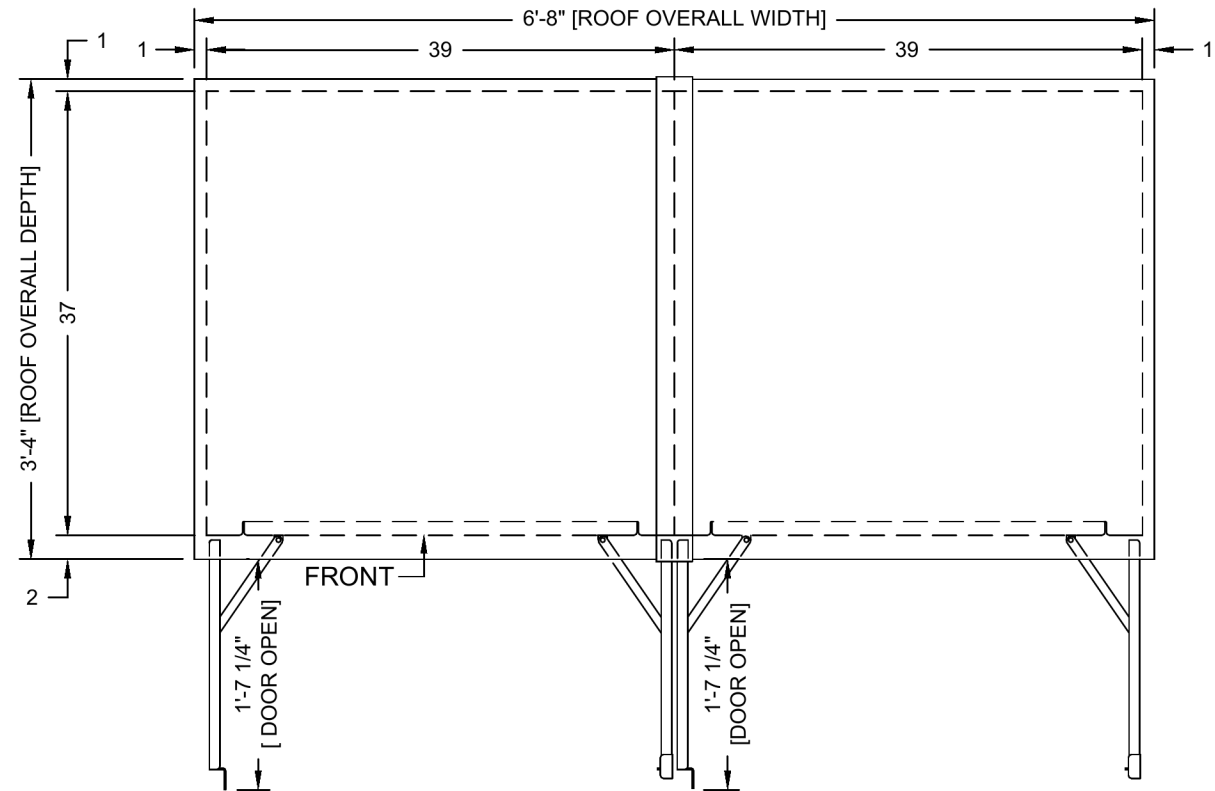


LINCOLN ELECTRIC
PRODUCTS CO., INC.

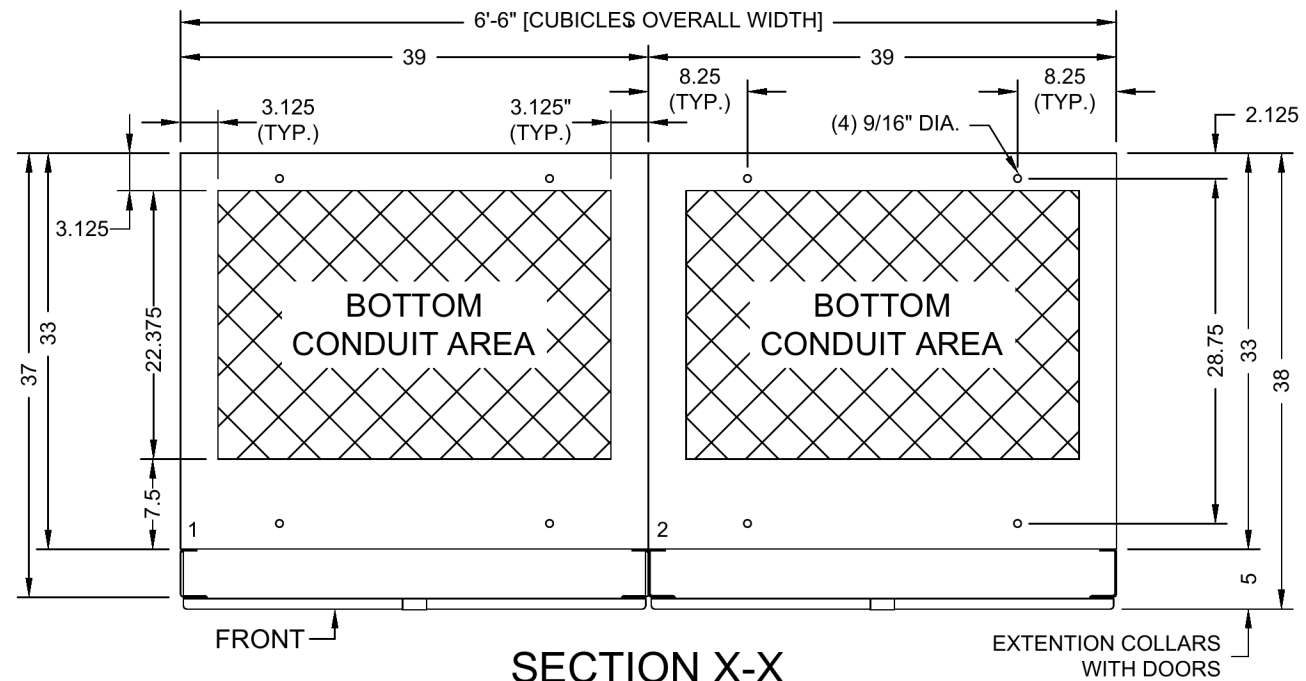
DRAWING TITLE		EQUIPMENT DESIGNATION				
ONE-LINE DIAGRAM		EV-2				
SHORT CIRCUIT RATING	VOLTAGE	AMPERAGE	SYSTEM	BUS MATERIAL	ENCLOSURE	REV
65kA. SYM. RMS	480Y/277V AC	1200A	3 ϕ , 4W	COPPER	TYPE-3R	1

SHEET NUMBER
2 OF 6

SWITCHBOARD SCHEDULE															
CUB. LOCN.	DESIGNATION	DEVICE MANUFACTURER	FRAME RATING	TRIP RATING/ TYPE	# OF POLES	DEVICE CAT. NO.	LUG INFORMATION						CONDUCTOR MATERIAL	CABLE ENTRY	NOTES
							QTY	PHASES	QTY	NEUTRAL	QTY	GROUND			
1	G.E.C.	-	-	-	-	-	-	-	-	-	2	(1) #6-350 KCMIL	COPPER	BOTTOM	-
1	INCOMING	-	-	-	-	-	4	(1) #2-600 KCMIL	4	(1) #2-600 KCMIL	-	-	ALUMINUM	BOTTOM	-
1A	SERVICE SWITCHBOARD 1200A., 3Ø, 4W., 480Y/277V	-	-	-	-	-	-	-	-	-	-	-	-	-	- DOUBLE PADLOCK HASP ON EXTERIOR DOOR [SQ-D CAT. NO. SS-2-PL OR EQUAL]
1B	MAIN SERVICE DISCONNECT	SCHNEIDER	1200/3 'NW'	1200A LSIG	3	WL1CCV44A9SXXXXXXAZ	-	-	-	-	-	-	BUS CONNECTED	-	- 100% RATED - INTEGRAL GROUND FAULT PROTECTION - MMS (MAINTENANCE MODE SWITCH) - PADLOCK HASP - DOOR ESCUTCHEON (CAT. #: S33929) - NEUTRAL SENSOR (CAT. #: S34036)
1C	1200A. LPC C/T COMPARTMENT LEPCO-BCB-CS-PT	-	-	-	-	-	-	-	-	-	-	-	BUS CONNECTED	-	- CURRENT TRANSFORMERS (SUPPLIED BY UTILITY) - VOLTAGE TRANSFORMERS (SUPPLIED BY UTILITY)
2A	CONTROLS COMPARTMENT	FACTORY WIRED													-
2B	CHARGING CABINET	SCHNEIDER	600/3	300A LI	3	LJP36600U31XYP	1	(2) #2/0-500 KCMIL	2	(1) #2-600 KCMIL	2	(1) #6-350 KCMIL	ALUMINUM [CU GND]	BOTTOM	- PADLOCK HASP (CAT. #: S32631) - MECHANICAL LUGS
2C	CHARGING CABINET	SCHNEIDER	600/3	300A LI	3	LJP36600U31XYP	1	(2) #2/0-500 KCMIL	2	(1) #2-600 KCMIL	2	(1) #6-350 KCMIL	ALUMINUM [CU GND]	BOTTOM	
2D	CHARGING CABINET	SCHNEIDER	600/3	300A LI	3	LJP36600U31XYP	1	(2) #2/0-500 KCMIL	2	(1) #2-600 KCMIL	2	(1) #6-350 KCMIL	ALUMINUM [CU GND]	BOTTOM	
2E	CHARGING CABINET	SCHNEIDER	600/3	300A LI	3	LJP36600U31XYP	1	(2) #2/0-500 KCMIL	2	(1) #2-600 KCMIL	2	(1) #6-350 KCMIL	ALUMINUM [CU GND]	BOTTOM	
2	SPARE	SCHNEIDER	15/1	15A THERMAL-MAG	1	BJL16015	1	#14-3/0 AWG	1	#14 - 1/0 AWG	1	#14 - 1/0 AWG	COPPER	BOTTOM	-
2	SPARE	SCHNEIDER	15/1	15A THERMAL-MAG	1	BJL16015	1	#14-3/0 AWG	1	#14 - 1/0 AWG	1	#14 - 1/0 AWG	COPPER	BOTTOM	-



PLAN VIEW
DOORS OPEN



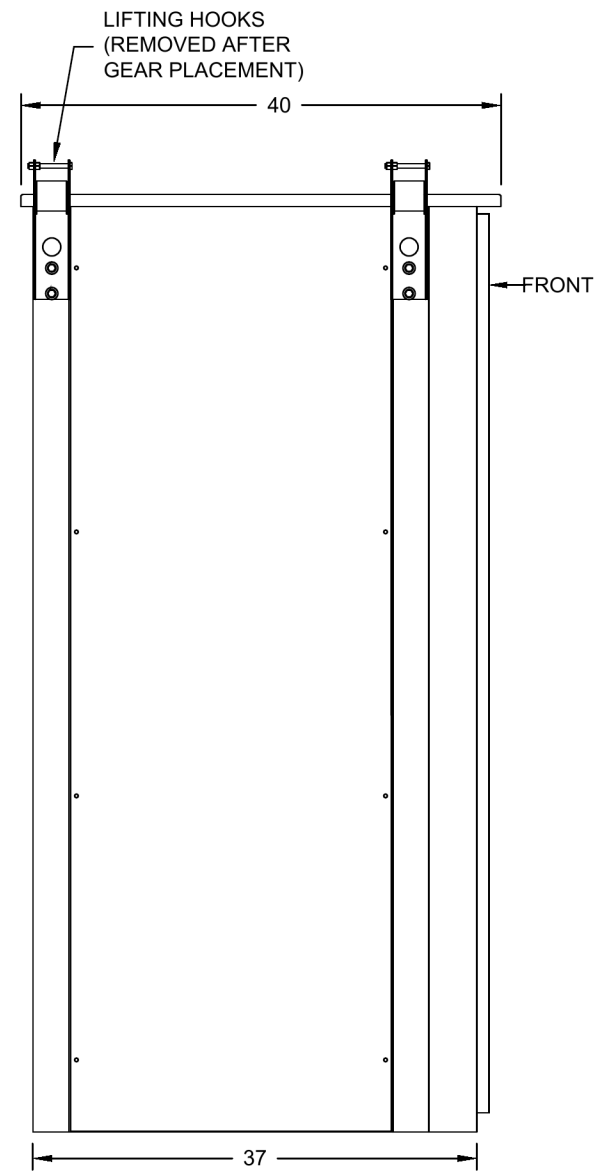
SECTION X-X
ANCHOR BOLT LOCATIONS & BOTTOM CONDUIT AREAS



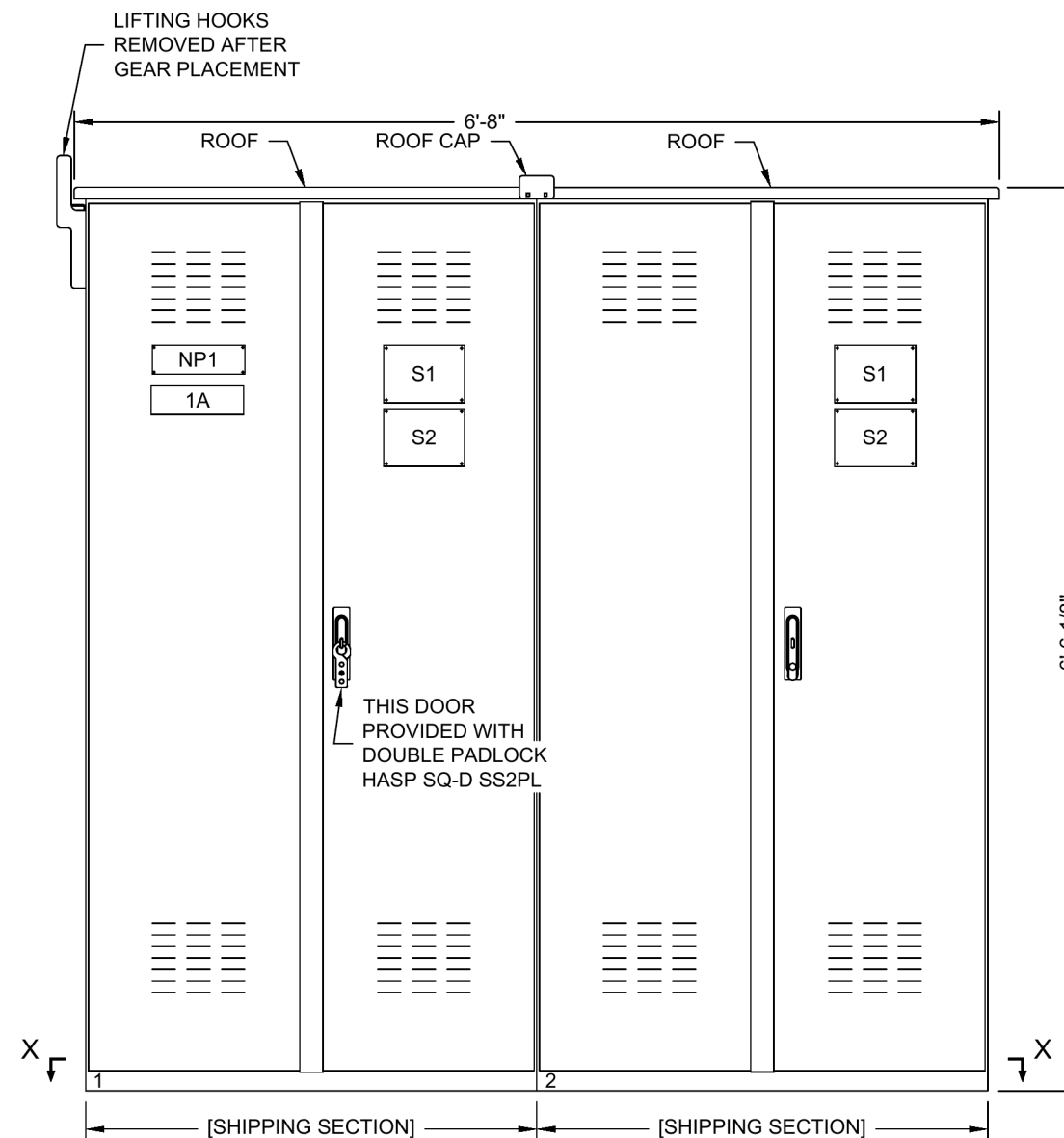
LINCOLN ELECTRIC
PRODUCTS CO., INC.

DRAWING TITLE		EQUIPMENT DESIGNATION					
PLAN VIEW		EV-2					
SHORT CIRCUIT RATING	VOLTAGE	AMPERAGE	SYSTEM	BUS MATERIAL	ENCLOSURE	REV	
65kA. SYM. RMS	480Y/277V AC	1200A	3 ϕ , 4W	COPPER	TYPE-3R	1	

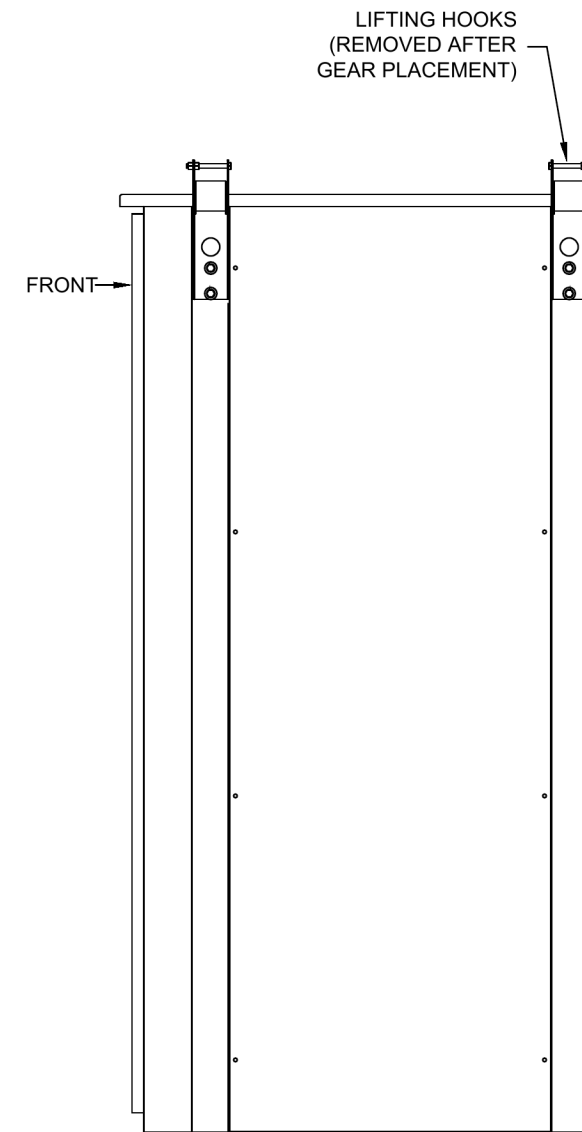
SHEET NUMBER
4 OF 6



LEFT-SIDE VIEW
(END SECTION)



FRONT VIEW
(EXTERIOR DOORS SHOWN)



RIGHT-SIDE VIEW
(END SECTION)

SIGNAGE:

NP1 -LINCOLN NAMEPLATE (2.5" x 8" ALUMINUM)
S1 -DANGER 480 VOLTS (BI-LINGUAL)
S2 -DANGER ARC FLASH (BI-LINGUAL)

REFERENCES:

- FOR NAMEPLATE DESIGNATIONS SEE 'SWITCHBOARD SCHEDULE' SHT-03
- FOR SECTION VIEW 'X-X' SEE SHT-04



LINCOLN ELECTRIC
PRODUCTS CO., INC.

DRAWING TITLE		EQUIPMENT DESIGNATION					
EXTERIOR VIEWS		EV-2					
SHORT CIRCUIT RATING	VOLTAGE	AMPERAGE	SYSTEM	BUS MATERIAL	ENCLOSURE	REV	
65kA. SYM. RMS	480Y/277V AC	1200A	3 ϕ , 4W	COPPER	TYPE-3R	1	

SHEET NUMBER
5 OF 6

