

H

G

F

E

D

C

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A

8

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6

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H

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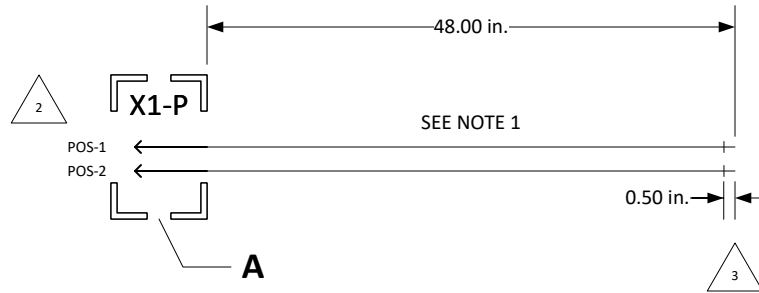
E

D

C

B

A



FROM	POS	COLOR	TO	POS
X1-P	1	OR	N/C	N/C
X1-P	2	BK	N/C	N/C

ITEM	QTY.	PART NO.	DESCRIPTION
A	1	33471-0206	MX150 Assy FEMALE RCPT, 1x2, CPA, BLK, KEY A

NOT DRAWN TO SCALE**NOTES:**

- ALL wire is 16 AWG TXL, SAE J1128-TXL, COLOR BLACK UNLESS OTHERWISE SPECIFIED
- Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.
- The free ends to be pre-cut 0.50 in. and partial stripped.

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DIMENSION STYLE

INCH

TOLERANCES

+/- 0.125 Unless Otherwise Specified

AVWS/ACU POWER**Alert Warning Systems, Inc**

10758 Trenton Ave, St. Louis, Missouri 63132

(314) 635-6500

DRAWN BY

BAF

DATE

2022/05/20

REVISED BY**DATE****SIZE**

LTR

FSCM NO

N/A

DWG NO

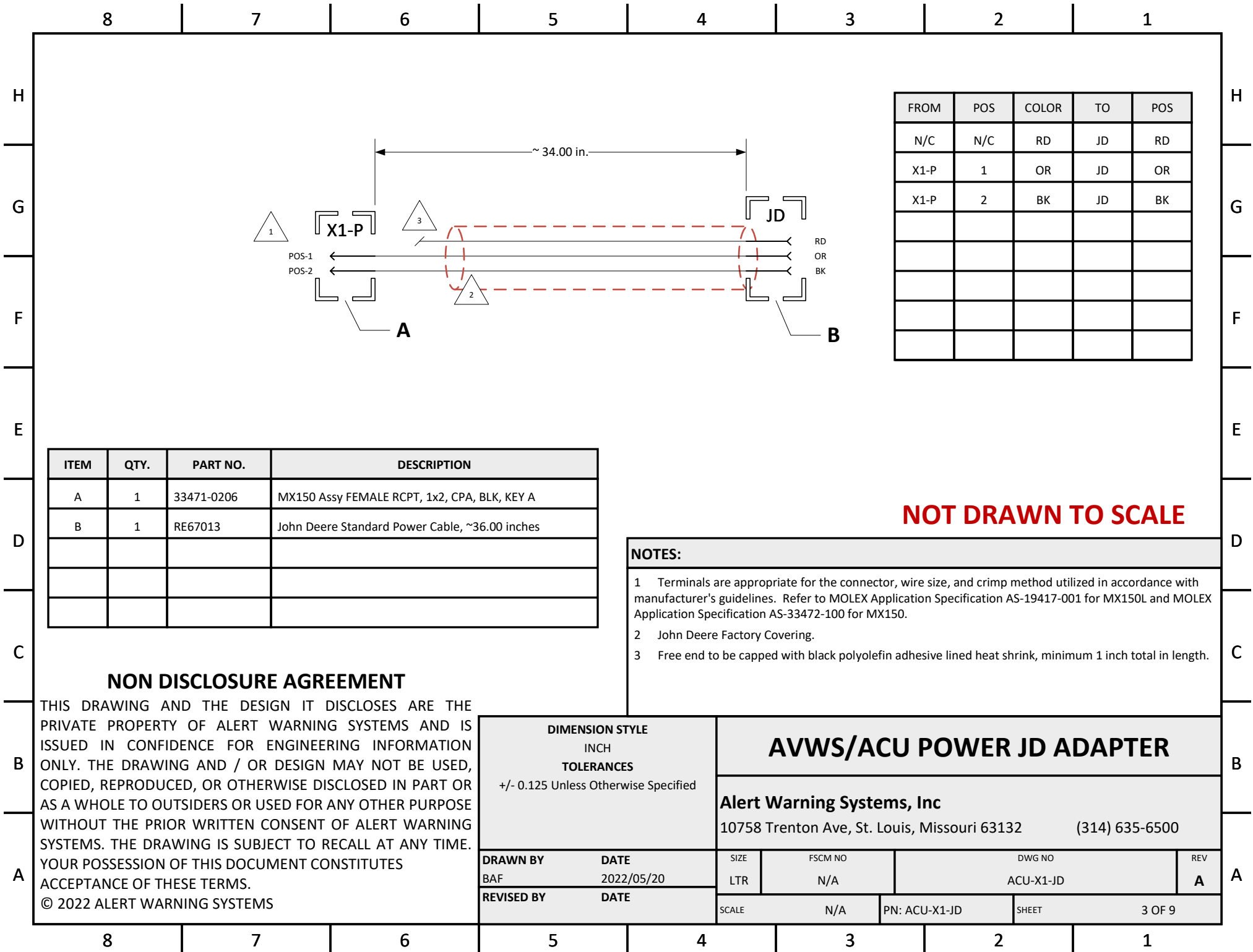
ACU-X1-POWER

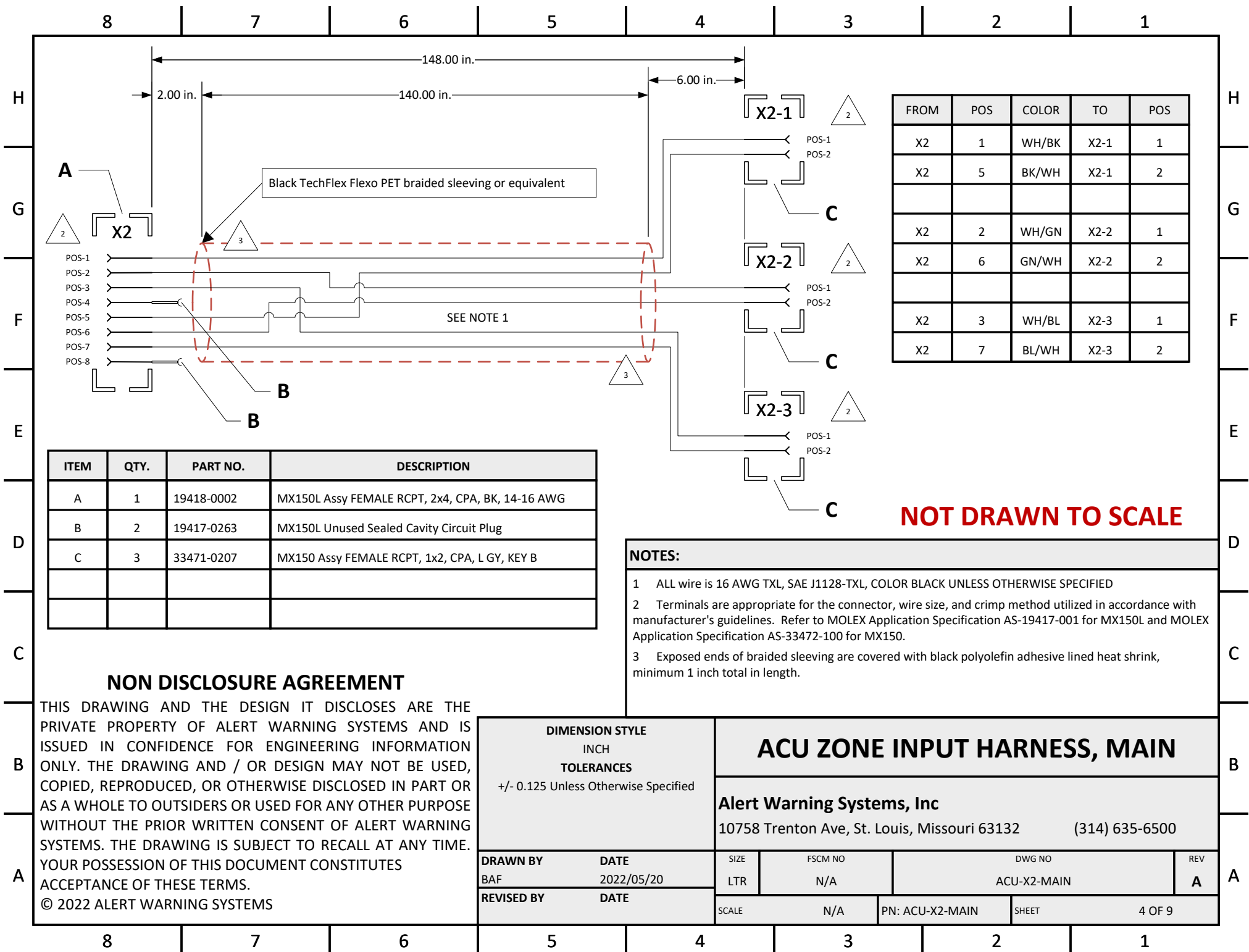
REV**A****SCALE**

N/A

PN: ACU-X1-POWER**SHEET**

2 OF 9





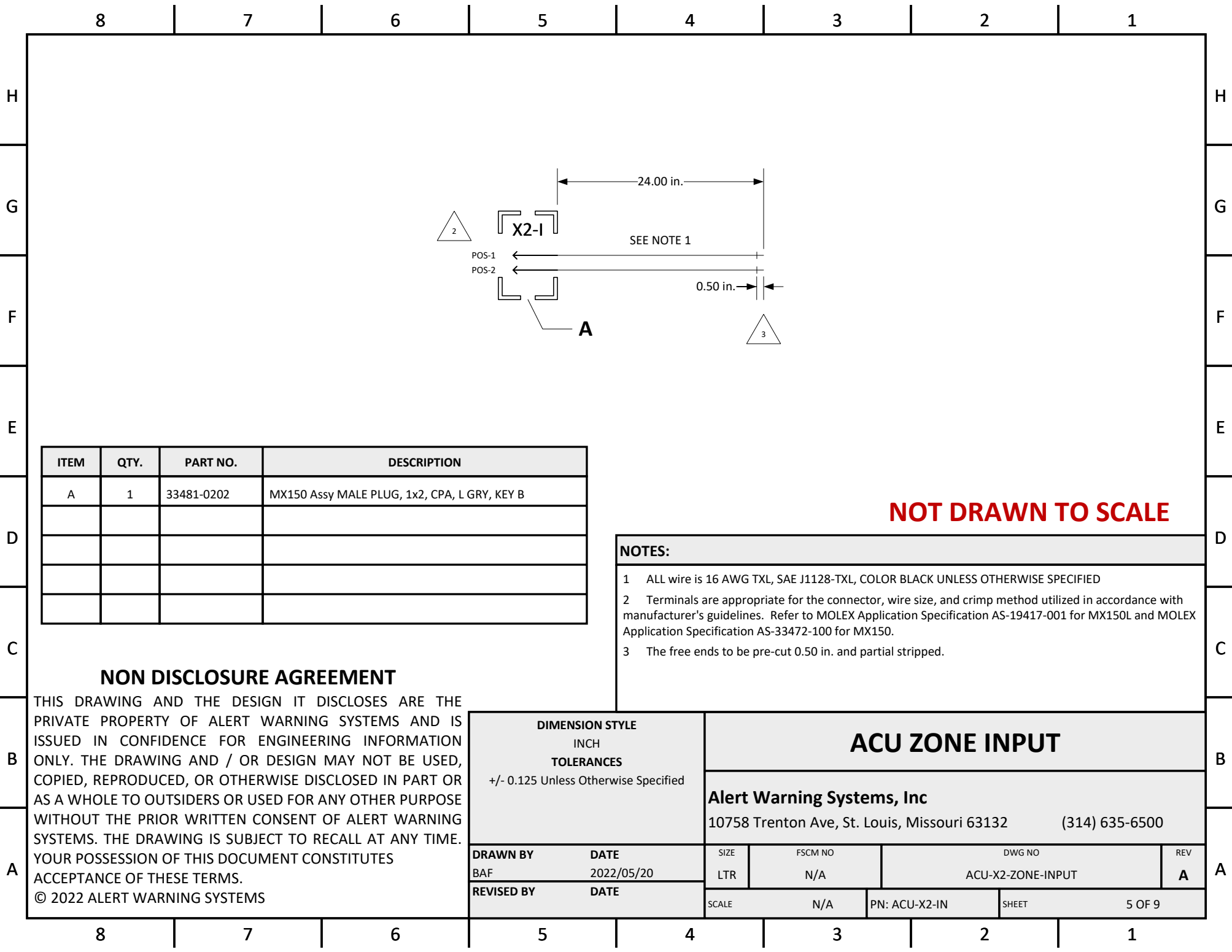
NOT DRAWN TO SCALE

- NOTES:**
- 1 ALL wire is 16 AWG TXL, SAE J1128-TXL, COLOR BLACK UNLESS OTHERWISE SPECIFIED
 - 2 Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.
 - 3 Exposed ends of braided sleeving are covered with black polyolefin adhesive lined heat shrink, minimum 1 inch total in length.

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DIMENSION STYLE INCH TOLERANCES +/- 0.125 Unless Otherwise Specified		ACU ZONE INPUT HARNESS, MAIN			
		Alert Warning Systems, Inc 10758 Trenton Ave, St. Louis, Missouri 63132 (314) 635-6500			
DRAWN BY BAF	DATE 2022/05/20	SIZE LTR	FSCM NO N/A	DWG NO ACU-X2-MAIN	REV A
REVISED BY	DATE	SCALE N/A	PN: ACU-X2-MAIN	SHEET 4 OF 9	



ITEM	QTY.	PART NO.	DESCRIPTION
A	1	33481-0202	MX150 Assy MALE PLUG, 1x2, CPA, L GRY, KEY B

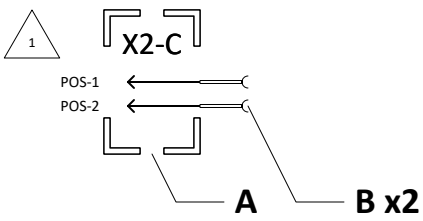
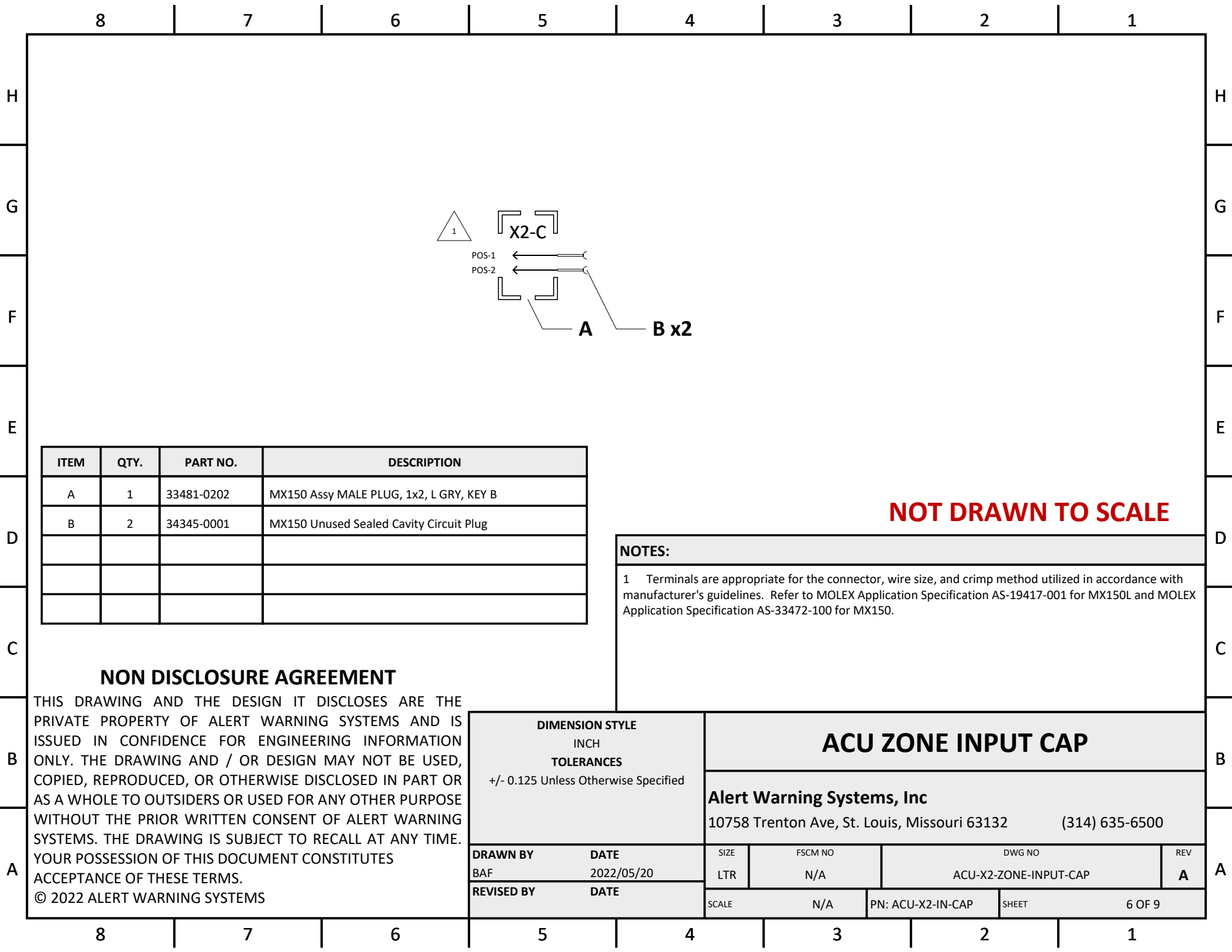
NOTES:
1 ALL wire is 16 AWG TXL, SAE J1128-TXL, COLOR BLACK UNLESS OTHERWISE SPECIFIED
2 Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.
3 The free ends to be pre-cut 0.50 in. and partial stripped.

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DIMENSION STYLE INCH TOLERANCES +/- 0.125 Unless Otherwise Specified		ACU ZONE INPUT			
		Alert Warning Systems, Inc 10758 Trenton Ave, St. Louis, Missouri 63132 (314) 635-6500			
DRAWN BY BAF	DATE 2022/05/20	SIZE LTR	FSCM NO N/A	DWG NO ACU-X2-ZONE-INPUT	REV A
REVISED BY	DATE	SCALE N/A	PN: ACU-X2-IN	SHEET 5 OF 9	



ITEM	QTY.	PART NO.	DESCRIPTION
A	1	33481-0202	MX150 Assy MALE PLUG, 1x2, L GRY, KEY B
B	2	34345-0001	MX150 Unused Sealed Cavity Circuit Plug

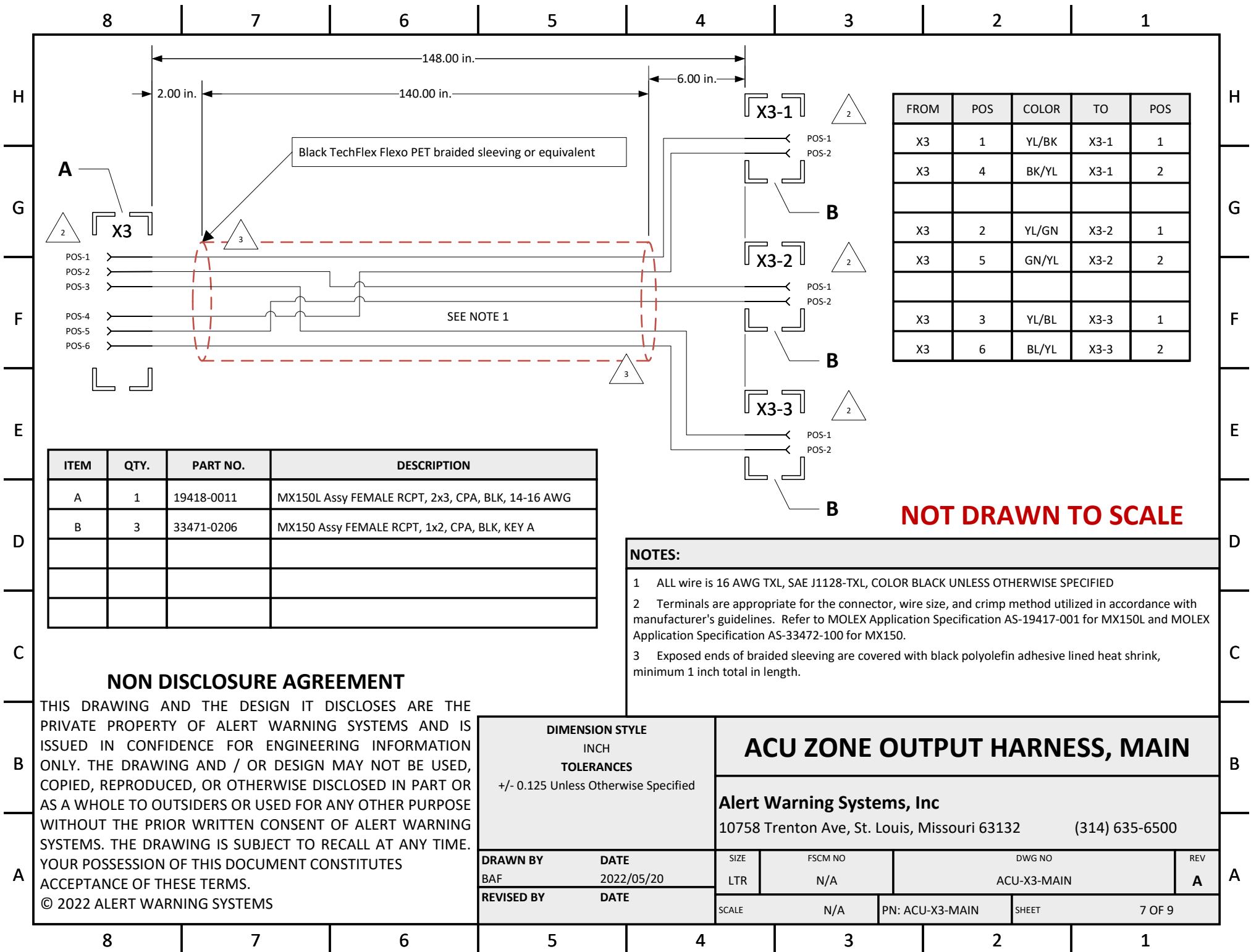
NOT DRAWN TO SCALE

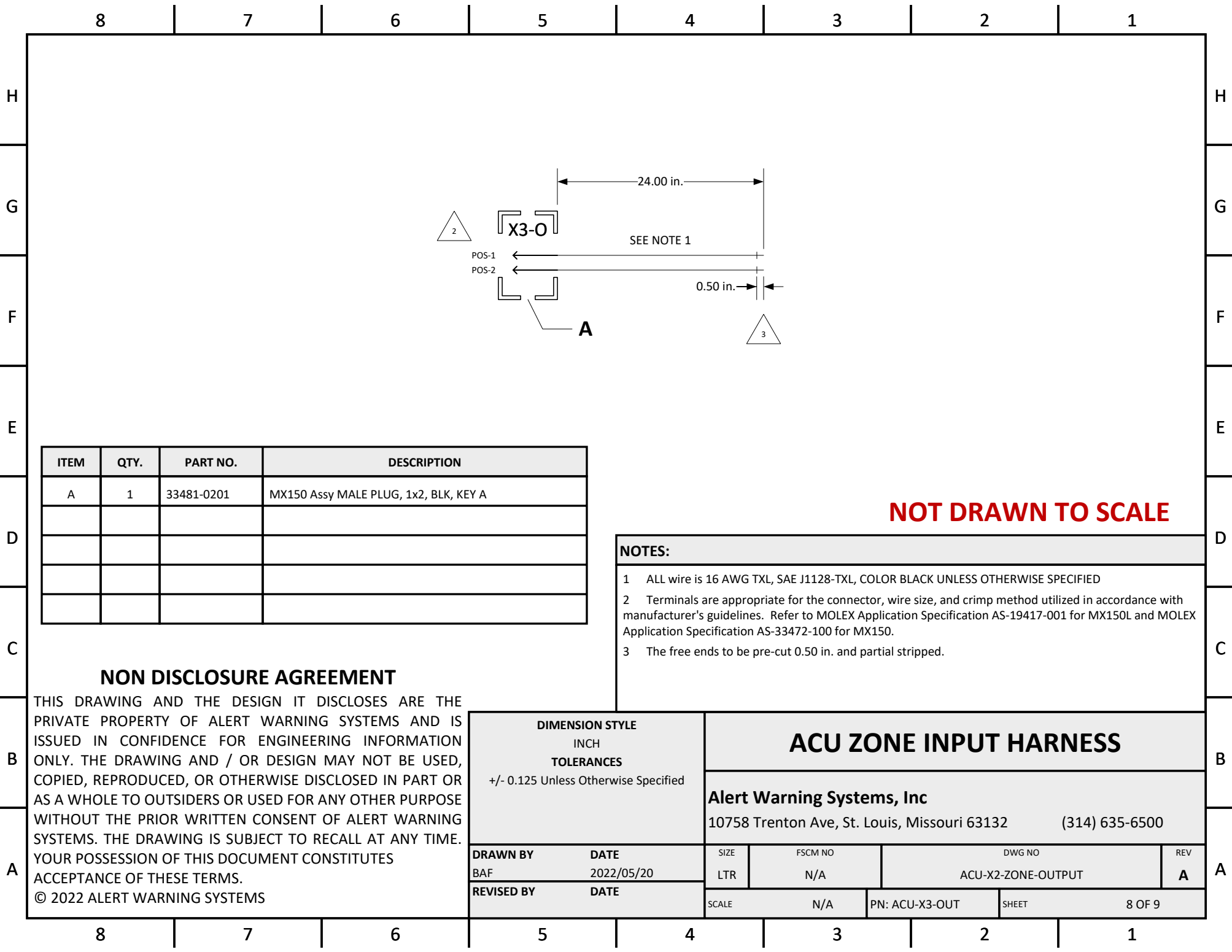
NOTES:
1 Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.

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DIMENSION STYLE INCH TOLERANCES +/- 0.125 Unless Otherwise Specified		ACU ZONE INPUT CAP			
DRAWN BY BAF DATE 2022/05/20 REVISED BY DATE		Alert Warning Systems, Inc 10758 Trenton Ave, St. Louis, Missouri 63132 (314) 635-6500			
		SIZE LTR	FSCM NO N/A	DWG NO ACU-X2-ZONE-INPUT-CAP	REV A
		SCALE	N/A	PN: ACU-X2-IN-CAP	SHEET 6 OF 9





ITEM	QTY.	PART NO.	DESCRIPTION
A	1	33481-0201	MX150 Assy MALE PLUG, 1x2, BLK, KEY A

NOTES:

1

ALL wire is 16 AWG TXL, SAE J1128-TXL, COLOR BLACK UNLESS OTHERWISE SPECIFIED

2

Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.

3

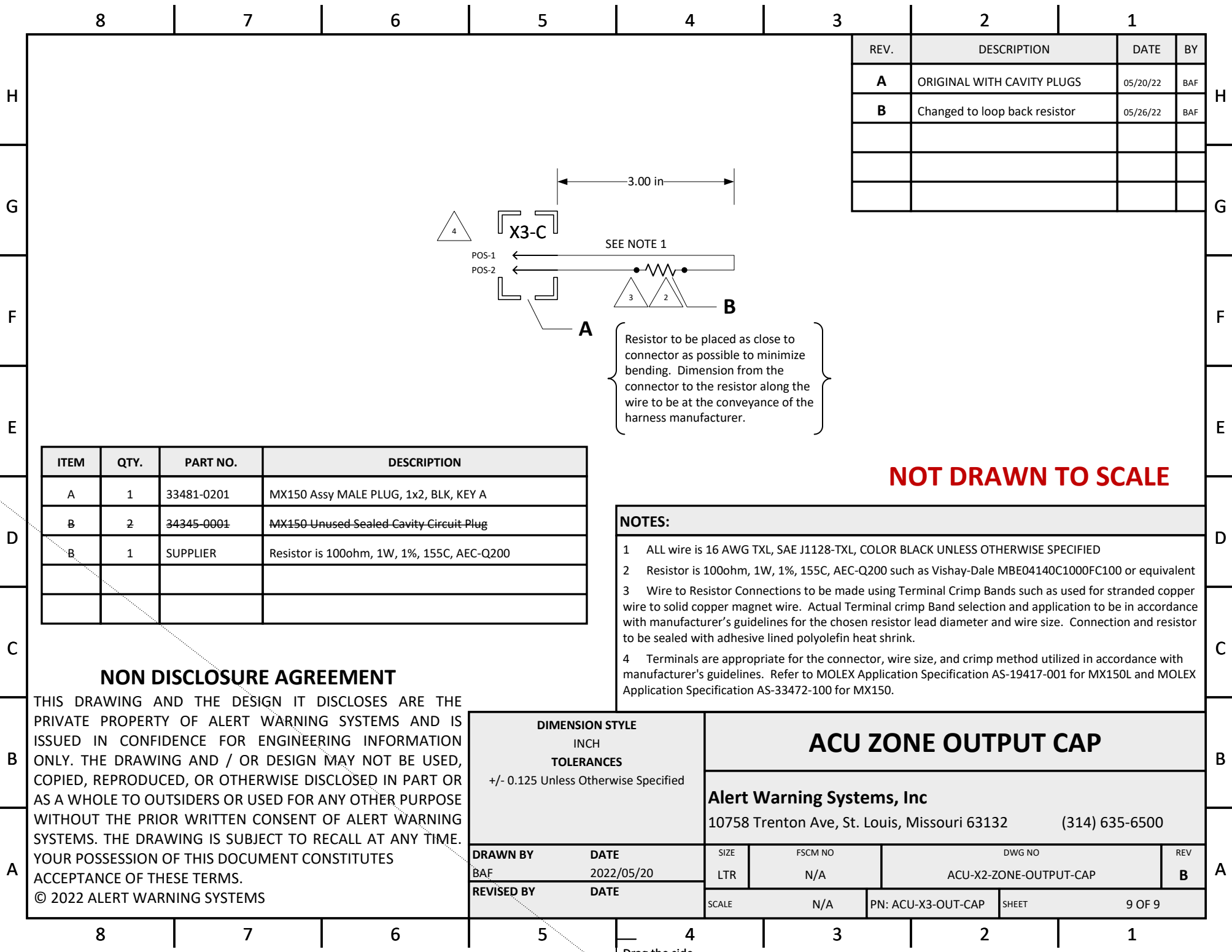
The free ends to be pre-cut 0.50 in. and partial stripped.

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DIMENSION STYLE		ACU ZONE INPUT HARNESS			
INCH					
TOLERANCES					
+/- 0.125 Unless Otherwise Specified					
		Alert Warning Systems, Inc			
		10758 Trenton Ave, St. Louis, Missouri 63132		(314) 635-6500	
DRAWN BY	DATE	SIZE	FSCM NO	DWG NO	REV
BAF	2022/05/20	LTR	N/A	ACU-X2-ZONE-OUTPUT	A
REVISED BY	DATE	SCALE	N/A	PN: ACU-X3-OUT	
				SHEET	8 OF 9



REV.	DESCRIPTION	DATE	BY
A	ORIGINAL WITH CAVITY PLUGS	05/20/22	BAF
B	Changed to loop back resistor	05/26/22	BAF

NOT DRAWN TO SCALE

- NOTES:
- 1 ALL wire is 16 AWG TXL, SAE J1128-TXL, COLOR BLACK UNLESS OTHERWISE SPECIFIED
 - 2 Resistor is 100ohm, 1W, 1%, 155C, AEC-Q200 such as Vishay-Dale MBE04140C1000FC100 or equivalent
 - 3 Wire to Resistor Connections to be made using Terminal Crimp Bands such as used for stranded copper wire to solid copper magnet wire. Actual Terminal crimp Band selection and application to be in accordance with manufacturer's guidelines for the chosen resistor lead diameter and wire size. Connection and resistor to be sealed with adhesive lined polyolefin heat shrink.
 - 4 Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.

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DIMENSION STYLE
INCH
TOLERANCES
+/- 0.125 Unless Otherwise Specified

ACU ZONE OUTPUT CAP

Alert Warning Systems, Inc
10758 Trenton Ave, St. Louis, Missouri 63132 (314) 635-6500

DRAWN BY BAF	DATE 2022/05/20	SIZE LTR	FSCM NO N/A	DWG NO ACU-X2-ZONE-OUTPUT-CAP	REV B
REVISED BY	DATE	SCALE	N/A	PN: ACU-X3-OUT-CAP	SHEET 9 OF 9

Drag the side handles to change