

H

G

F

E

D

C

B

A

8

7

6

5

4

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2

1

H

G

F

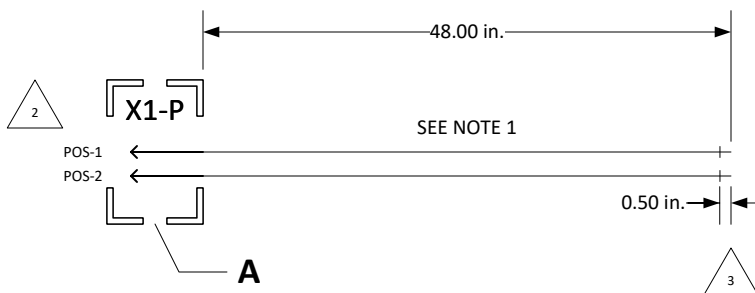
E

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:

- 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

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

8

7

6

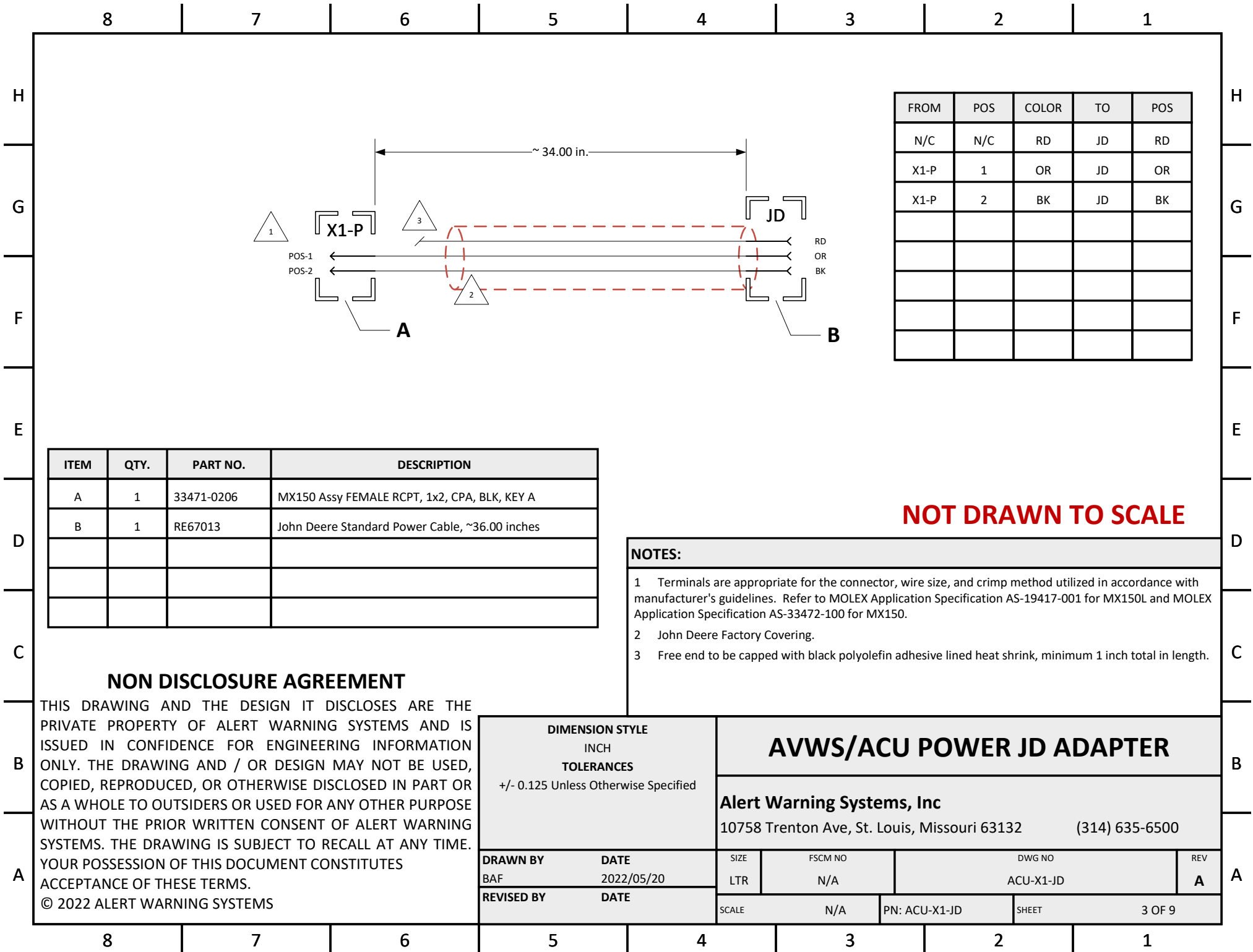
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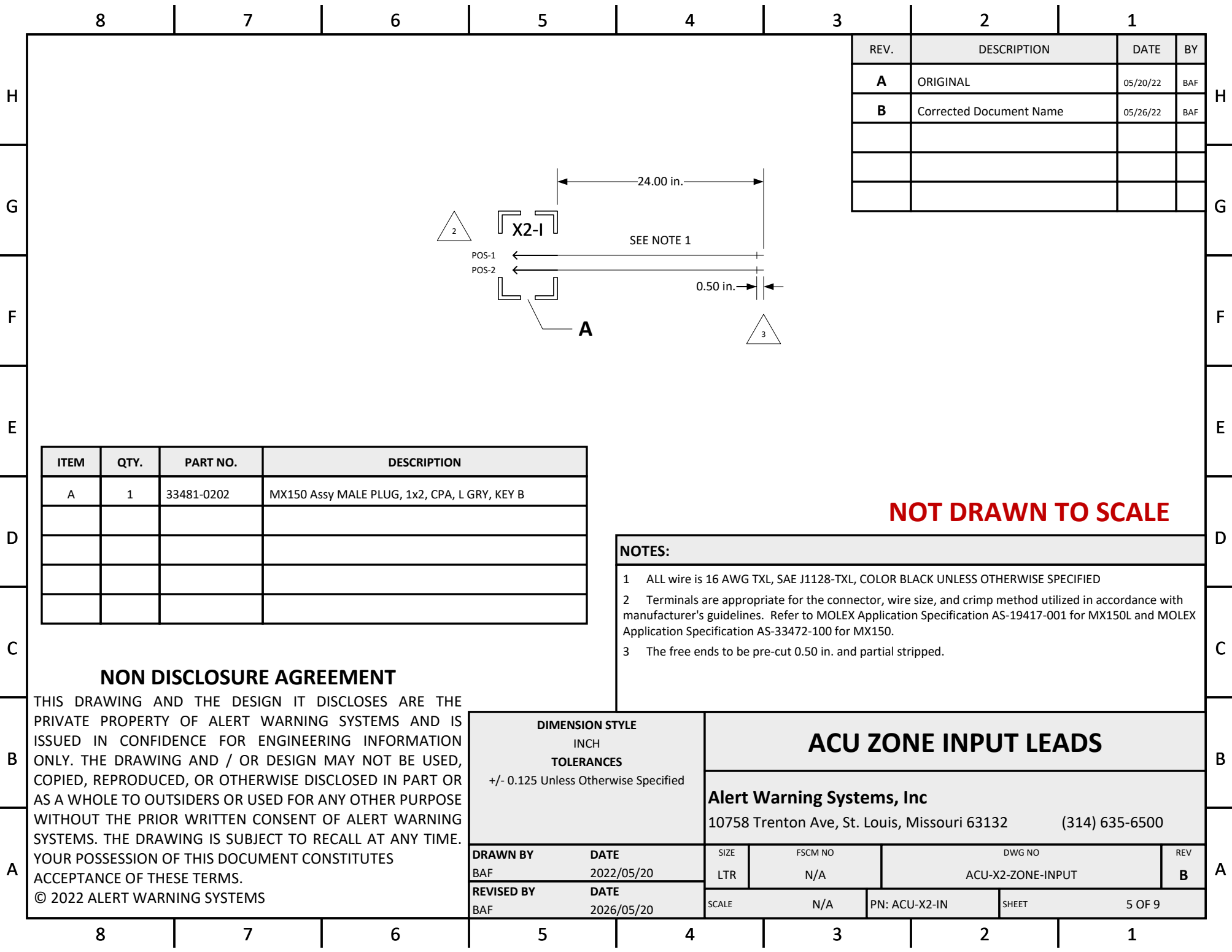
4

3

2

1





REV.	DESCRIPTION	DATE	BY
A	ORIGINAL	05/20/22	BAF
B	Corrected Document Name	05/26/22	BAF

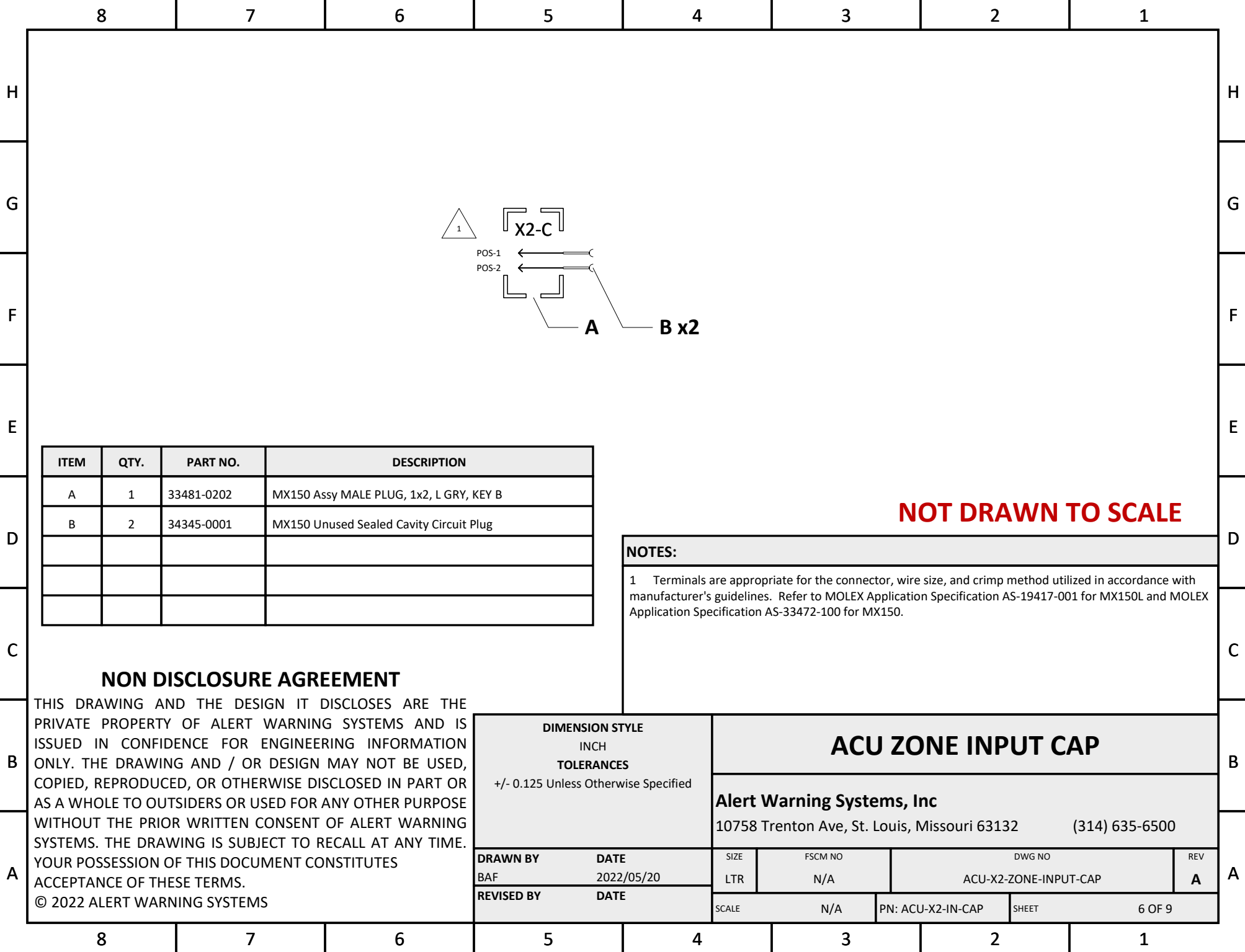
NOT DRAWN TO SCALE

NOTES:
1 ALL wire is 16 AWG TXL, SAE J1128-TXL, COLOR BLACK UNLESS OTHERWISE SPECIFIED
2 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 LEADS			
		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 B
REVISED BY BAF	DATE 2026/05/20	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:

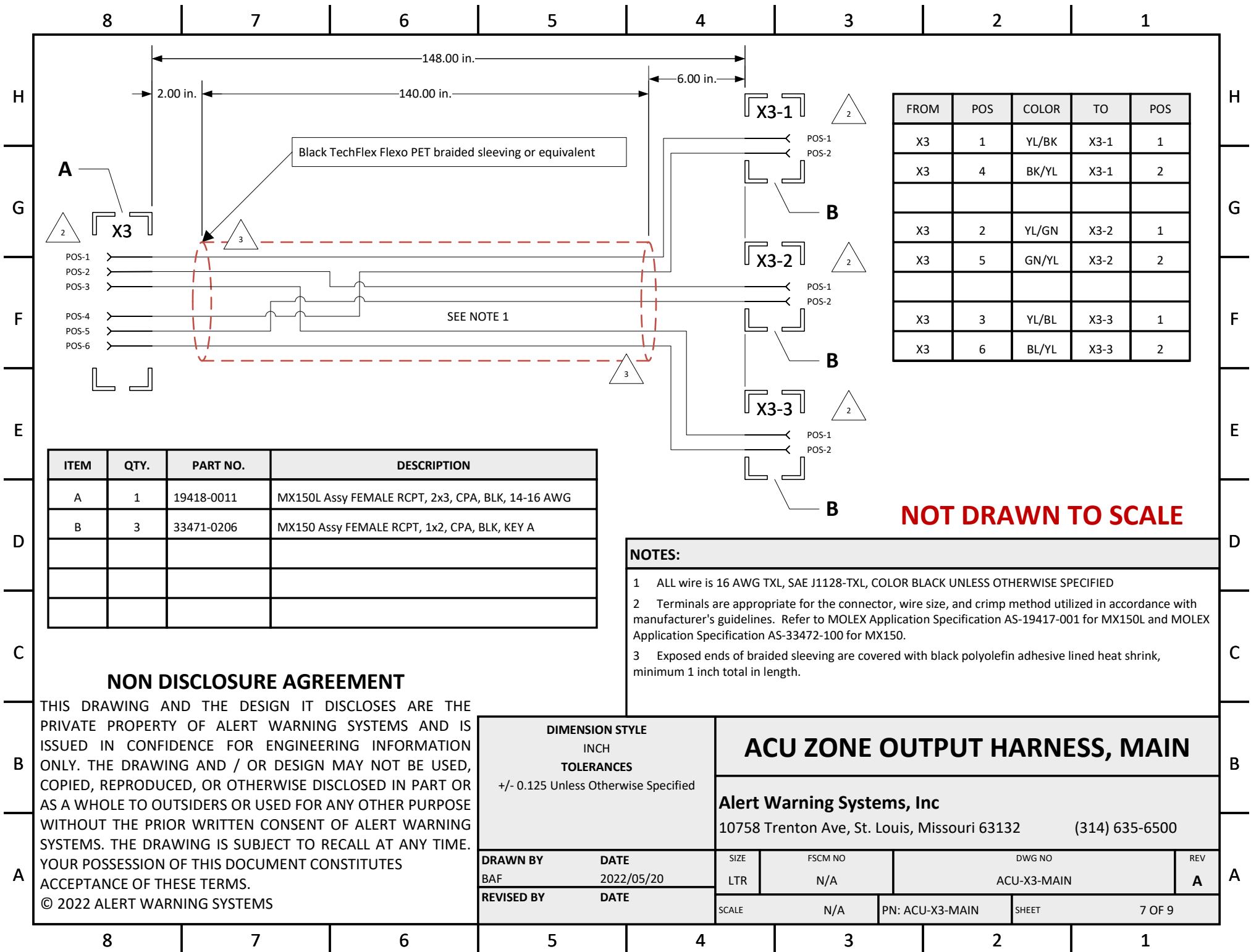
1 Terminals are appropriate for the connector, wire size, and crimp method utilized in accordance with manufacturer's guidelines. Refer to MOLEX Application Specification AS-19417-001 for MX150L and MOLEX Application Specification AS-33472-100 for MX150.

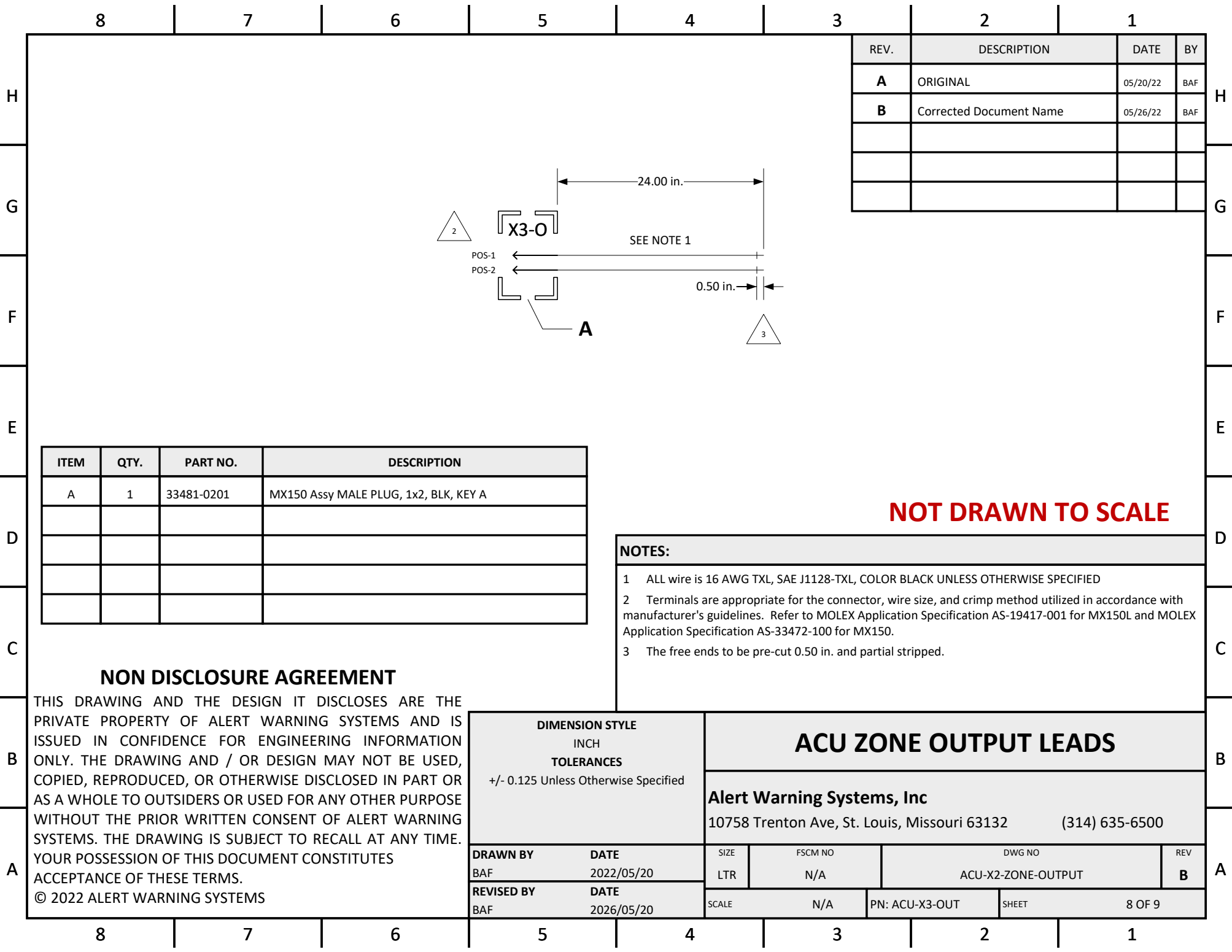
NON DISCLOSURE AGREEMENT

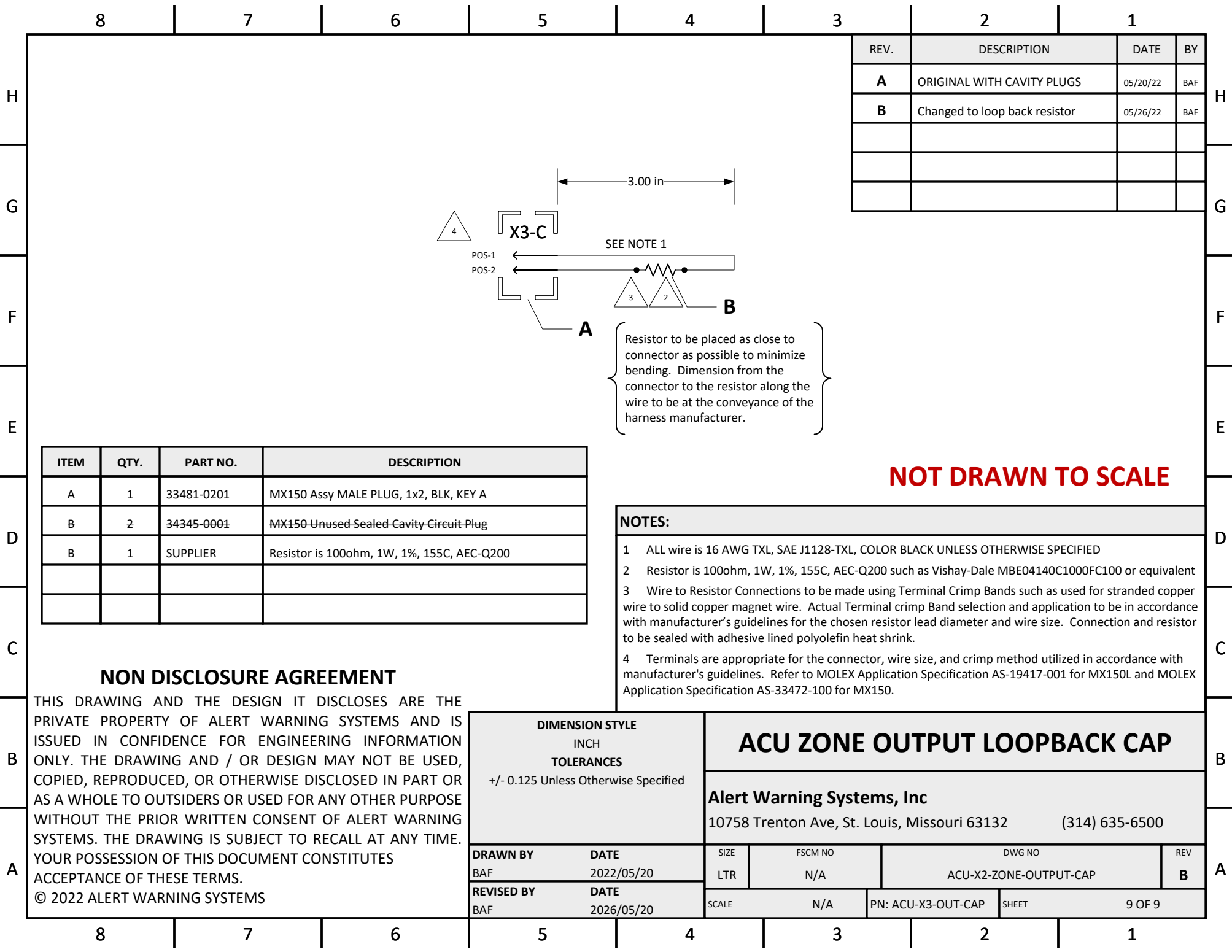
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DIMENSION STYLE		ACU ZONE INPUT CAP			
INCH					
TOLERANCES					
+/- 0.125 Unless Otherwise Specified					
		Alert Warning Systems, Inc			
		10758 Trenton Ave, St. Louis, Missouri 63132 (314) 635-6500			
DRAWN BY	DATE	SIZE	FSCM NO	DWG NO	REV
BAF	2022/05/20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

ITEM	QTY.	PART NO.	DESCRIPTION
A	1	33481-0201	MX150 Assy MALE PLUG, 1x2, BLK, KEY A
B	2	34345-0001	MX150 Unused Sealed Cavity Circuit Plug
B	1	SUPPLIER	Resistor is 100ohm, 1W, 1%, 155C, AEC-Q200

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 LOOPBACK 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 BAF	DATE 2026/05/20	SCALE	N/A	PN: ACU-X3-OUT-CAP	SHEET 9 OF 9