EXODUS
PEDESTRIAN EGRESS GATES

TECHNICAL PRODUCT SUPPORT: 855-526-6847

READ ALL AMERISTAR AND TORXUN INSTRUCTIONS BEFORE INSTALLING, OPERATING OR SERVICING

FOR MAIN POWER CONNECTION, REFER TO "TORXUN AUTOPED OPERATOR INSTALLATION MANUAL", SECTION VI (PAGE 29)
MAIN POWER TO BE CONNECTED BY A LICENSED ELECTRICIAN, 115 VAC POWER SOURCE
ONLY USE WATER TIGHT CONDUIT CONNECTIONS

REFER TO TORXUN PROGRAMMING INSTRUCTIONS SECTION XI (PAGE 42) IN THE "TORXUN AUTOPED OPERATOR INSTALLATION MANUAL"
FOR PROGRAMMING OPTIONS. MANY OPTIONS ARE SITE SPECIFIC, FOR THE AMERISTAR EXODUS AUTOMATIC RECOMMENDED SETTINGS,
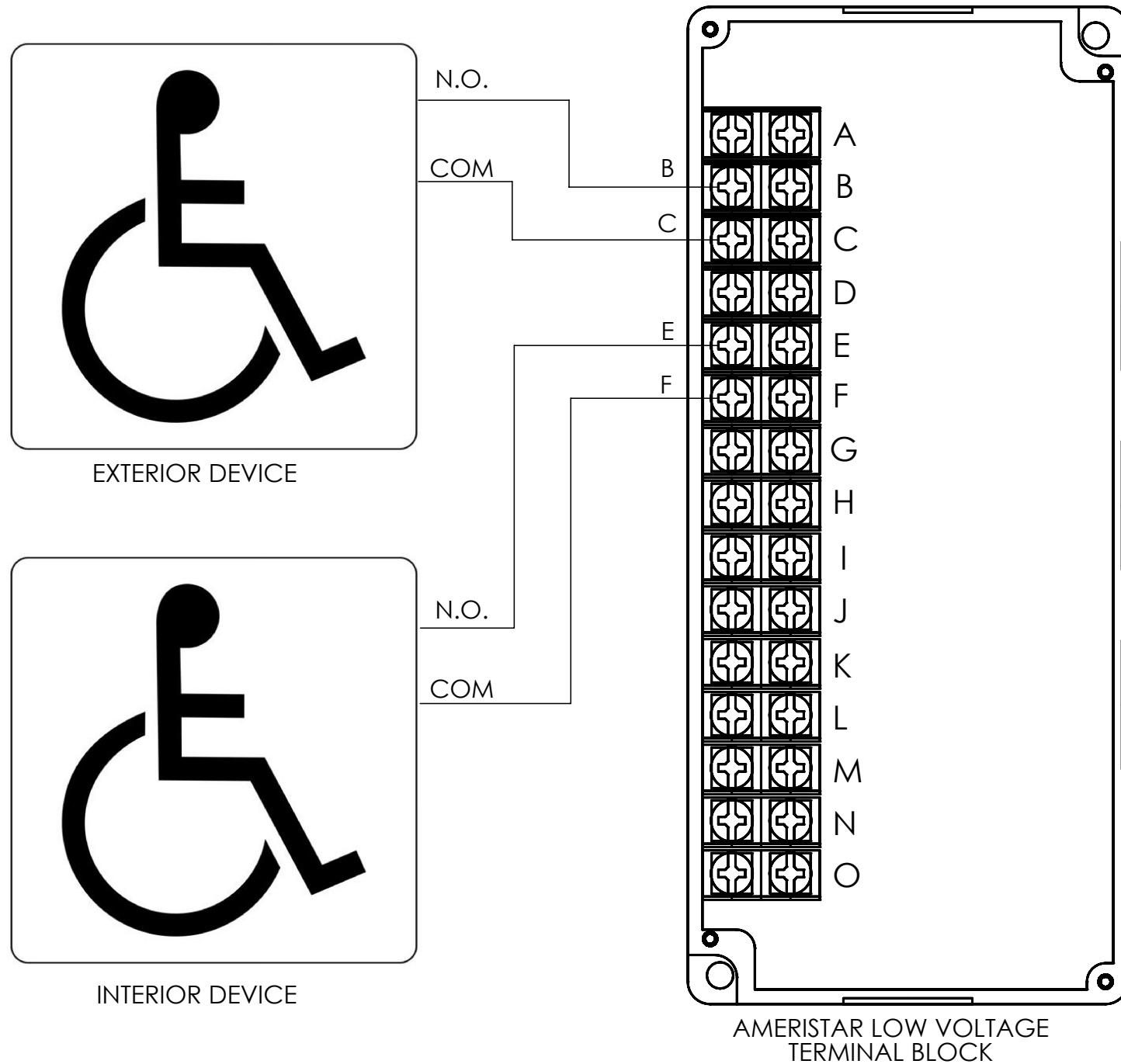**SEE PAGE 5 OF "EXODUS AUTOMATIC PEDESTRIAN GATE OPENER INSTALLATION"**
WARNING: THIS OPENER IS TO ONLY BE OPERATED IN "LOW ENERGY", ANSI 156.19. IT IS THE RESPONSIBILITY OF THE INSTALLING PARTY
TO ADHERE TO ANSI 156.19 STANDARDS AS WELL AS FEDERAL, STATE, AND LOCAL CODES.

UNLESS OTHERWISE SPECIFIED TOLERANCES	
X.X	± .06
X.XX	± .03
X.XXX	± .02
ANGLES	± 0.5°
FRACTIONS	± 1/8
SURFACE FINISH	63

DRAWING COMPLIES WITH ASME Y14.5M - 1994

INCH
MM

THIRD ANGLE PROJECTION

ASSA ABLOY

EXODUS AUTOMATIC PEDESTRIAN GATE OPENER INSTALLATION

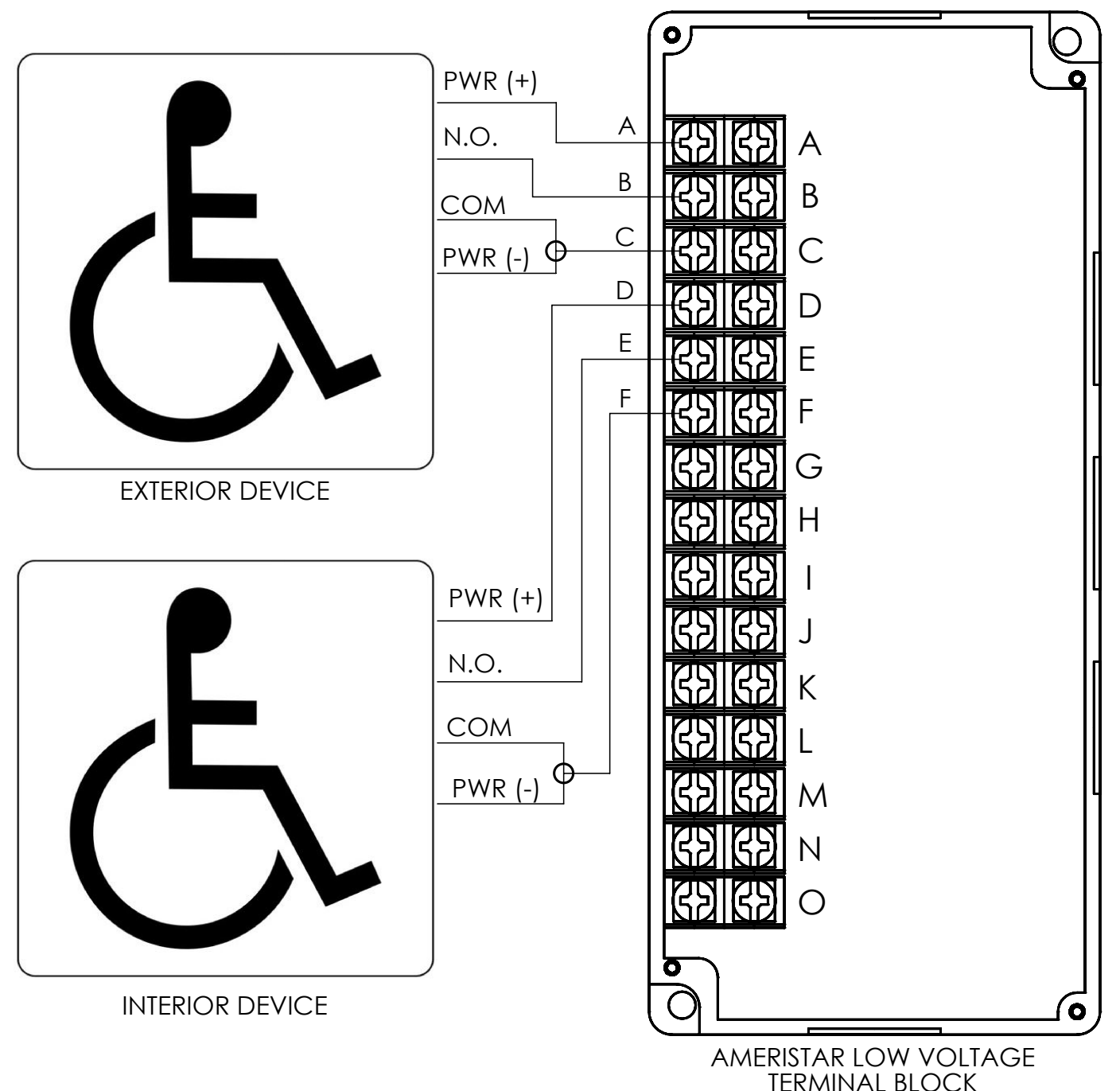| DATE CREATED	DRAWN BY	DESIGNED BY
9/23/2022	nathan	nathan

DOCUMENT ID		SIZE
		B

WIRING SCHEMATIC DIAGRAMS

⚠ **NOTE:** Do not exceed 2A 24V draw from the Board. TORXUN recommends one board powered accessory only. Others should be powered by independent power supplies.

NON-POWERED ACTIVATION DEVICES

EXTERIOR DEVICE

N.O.
COM — B
C

INTERIOR DEVICE

N.O.
COM

Terminal block labels: A B C D E F G H I J K L M N O

AMERISTAR LOW VOLTAGE
TERMINAL BLOCK

POWERED ACTIVATION DEVICES

EXTERIOR DEVICE

PWR (+)
N.O. — A
COM — B
PWR (-) — C
D

INTERIOR DEVICE

PWR (+)
N.O.
COM
PWR (-)

Terminal block labels: A B C D E F G H I J K L M N O

AMERISTAR LOW VOLTAGE
TERMINAL BLOCK

UNLESS OTHERWISE SPECIFIED TOLERANCES	
X.X	± .06
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DRAWING COMPLIES WITH ASME Y14.5M - 1994

INCH
MM

THIRD ANGLE PROJECTION

EXODUS AUTOMATIC PEDESTRIAN GATE OPENER INSTALLATION

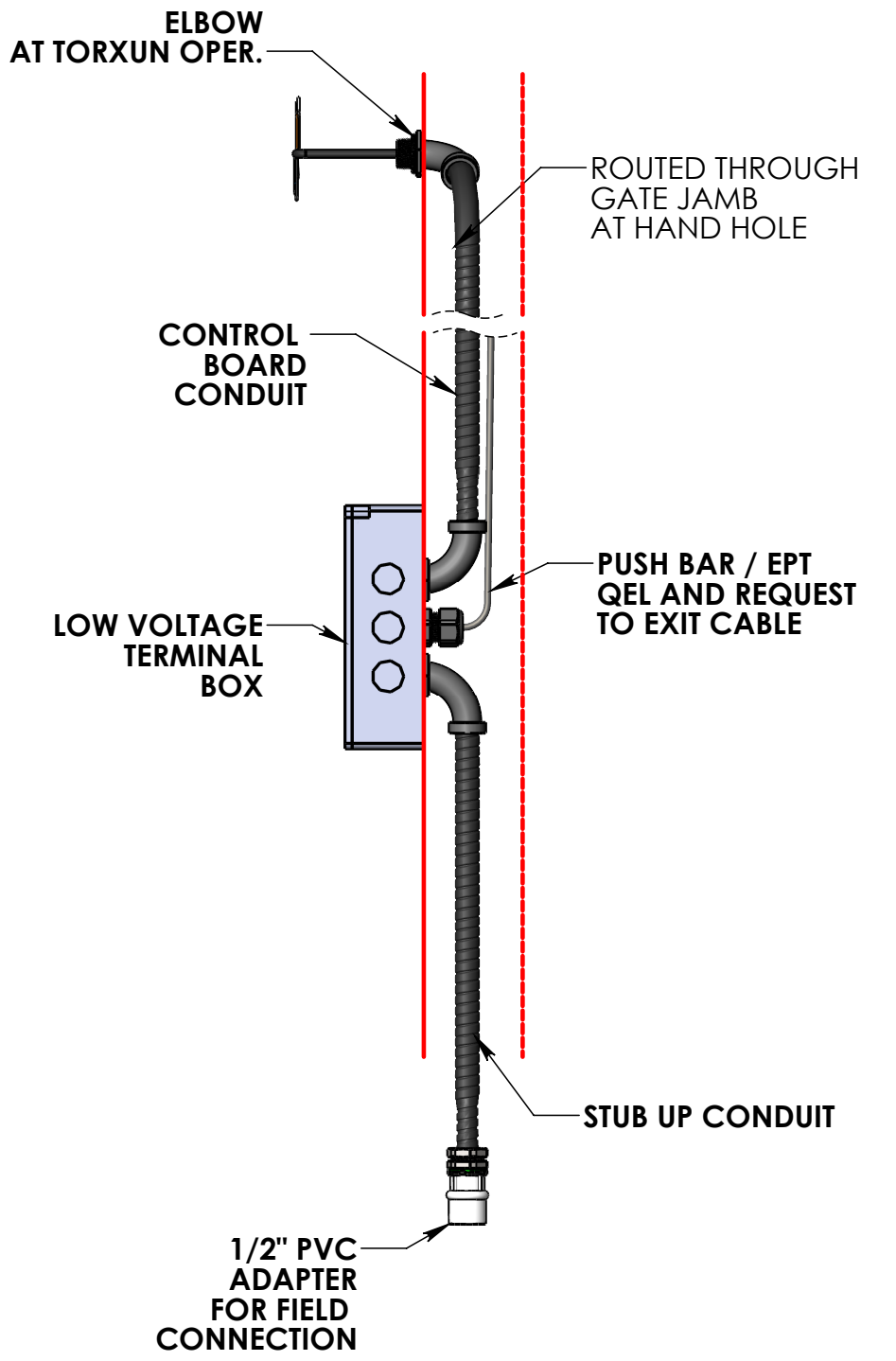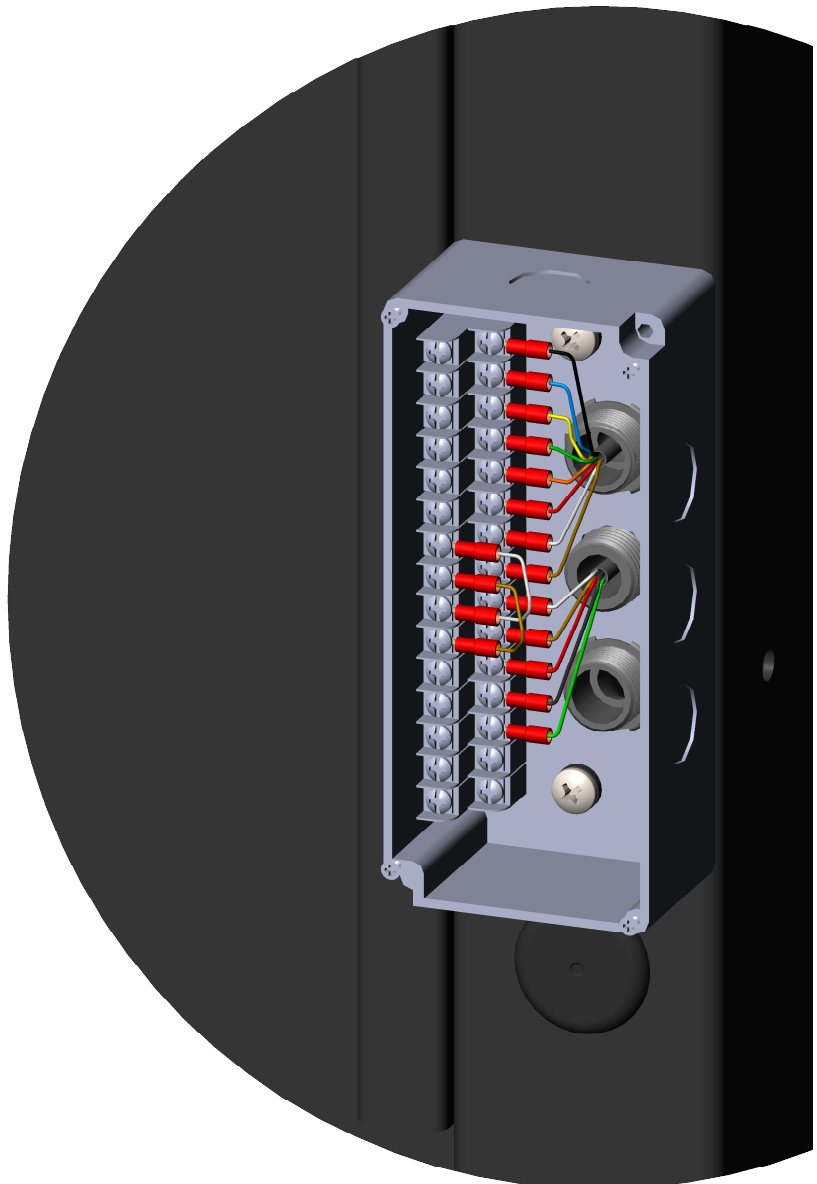| DATE CREATED 9/23/2022	DRAWN BY nathan	DESIGNED BY nathan

DOCUMENT ID

SIZE B

COMPLETE WIRE HARNESS ASSEMBLY DETAIL REFERENCE

4CEL Terminal Block (Powered Activation Device)

Cable 1 (Torxun Oper.)	A	Black	Torxun Board - X101 #8	PWR (+)	Powered Activation Device
	B	Blue	Torxun Board - X101 #9	N.O.	Powered Activation Device
	C	Yellow	Torxun Board - X101 #10	Common/PWR (-)	Powered Activation Device
	D	Green	Torxun Board - X101 #11	PWR (+)	Powered Activation Device
	E	Orange	Torxun Board - X101 #12	N.O.	Powered Activation Device
	F	Red	Torxun Board - X101 #13	Common/PWR (-)	Powered Activation Device
	G	White	Torxun Board - X108 #27	Fail Secure Lock	Electric Strike
	H	Brown	Torxun Board - X108 #30	Fail Secure Lock	Electric Strike
Cable 2 (Von Duprin 99)	I	White	Quiet Elec. Latch Retraction	N.O.	QEL
	J	Brown	Quiet Elec. Latch Retraction	Common	QEL
	K	Red	Not used		Not used
	L	Black	Not used		Not used
	M	Green	Not used		Not used
	N	Blank	-		
	O	Blank	-		

4CEL Terminal Block (Non-Powered Activation Device)

Cable 1 (Torxun Oper.)	A	Black	Torxun Board - X101 #8	Not used	
	B	Blue	Torxun Board - X101 #9	N.O.	Non-Powered Activation Device
	C	Yellow	Torxun Board - X101 #10	Common	Non-Powered Activation Device
	D	Green	Torxun Board - X101 #11	Not used	
	E	Orange	Torxun Board - X101 #12	N.O.	Non-Powered Activation Device
	F	Red	Torxun Board - X101 #13	Common	Non-Powered Activation Device
	G	White	Torxun Board - X108 #27	Fail Secure Lock	Electric Strike
	H	Brown	Torxun Board - X108 #30	Fail Secure Lock	Electric Strike
Cable 2 (Von Duprin 99)	I	White	Quiet Elec. Latch Retraction	N.O.	QEL
	J	Brown	Quiet Elec. Latch Retraction	Common	QEL
	K	Red	Not used		Not used
	L	Black	Not used		Not used
	M	Green	Not used		Not used
	N	Blank	-		
	O	Blank	-		

3EL Terminal Block (Power Activated Device)

Cable 1 (Torxun Oper.)	A	Black	Torxun Board - X101 #8	PWR (+)	Powered Activation Device
	B	Blue	Torxun Board - X101 #9	N.O.	Powered Activation Device
	C	Yellow	Torxun Board - X101 #10	Common/PWR (-)	Powered Activation Device
	D	Green	Torxun Board - X101 #11	PWR (+)	Powered Activation Device
	E	Orange	Torxun Board - X101 #12	N.O.	Powered Activation Device
	F	Red	Torxun Board - X101 #13	Common/PWR (-)	Powered Activation Device
	G	White	Torxun Board - X108 #27	Fail Secure Lock	Electric Strike
	H	Brown	Torxun Board - X108 #30	Fail Secure Lock	Electric Strike
Cable 2 (Detex A40)	I	White	Electric Latch Retraction	N.O.	QEL
	J	Brown	Electric Latch Retraction	Common	QEL
	K	Red	Detex Request to Exit		Request to Exit
	L	Black	Detex Request to Exit		Request to Exit
	M	Green	Detex Request to Exit		Request to Exit
	N	Blank	-		
	O	Blank	-		

3EL Terminal Block (Non-Powered Activation Device)

Cable 1 (Torxun Oper.)	A	Black	Torxun Board - X101 #8	Not used	
	B	Blue	Torxun Board - X101 #9	N.O.	Non-Powered Activation Device
	C	Yellow	Torxun Board - X101 #10	Common	Non-Powered Activation Device
	D	Green	Torxun Board - X101 #11	Not used	
	E	Orange	Torxun Board - X101 #12	N.O.	Non-Powered Activation Device
	F	Red	Torxun Board - X101 #13	Common	Non-Powered Activation Device
	G	White	Torxun Board - X108 #27	Fail Secure Lock	Electric Strike
	H	Brown	Torxun Board - X108 #30	Fail Secure Lock	Electric Strike
Cable 2 (Detex A40)	I	White	Electric Latch Retraction	N.O.	QEL
	J	Brown	Electric Latch Retraction	Common	QEL
	K	Red	Detex Request to Exit		Request to Exit
	L	Black	Detex Request to Exit		Request to Exit
	M	Green	Detex Request to Exit		Request to Exit
	N	Blank	-		
	O	Blank	-		

ELBOW
AT TORXUN OPER.

ROUTED THROUGH
GATE JAMB
AT HAND HOLE

CONTROL
BOARD
CONDUIT

PUSH BAR / EPT
QEL AND REQUEST
TO EXIT CABLE

LOW VOLTAGE
TERMINAL
BOX

STUB UP CONDUIT

1/2" PVC
ADAPTER
FOR FIELD
CONNECTION

UNLESS OTHERWISE SPECIFIED TOLERANCES
X.X ± .06
X.XX ± .03
X.XXX ± .02
ANGLES ± 0.5°
FRACTIONS ± 1/8
SURFACE FINISH 63

DRAWING COMPLIES WITH ASME Y14.5M - 1994
INCH
MM
THIRD ANGLE PROJECTION

ASSA ABLOY
Ameristar Perimeter Security USA Inc
Tulsa

EXODUS AUTOMATIC PEDESTRIAN GATE OPENER INSTALLATION

DATE CREATED 9/23/2022	DRAWN BY nathan	DESIGNED BY nathan

SIZE B

COMPLETE WIRE HARNESS ASSEMBLY AT OPER. DETAIL REFERENCE

WIRE COLOR DIAGRAM:

ACTIVATION DEVICE TERMINAL BLOCK X101

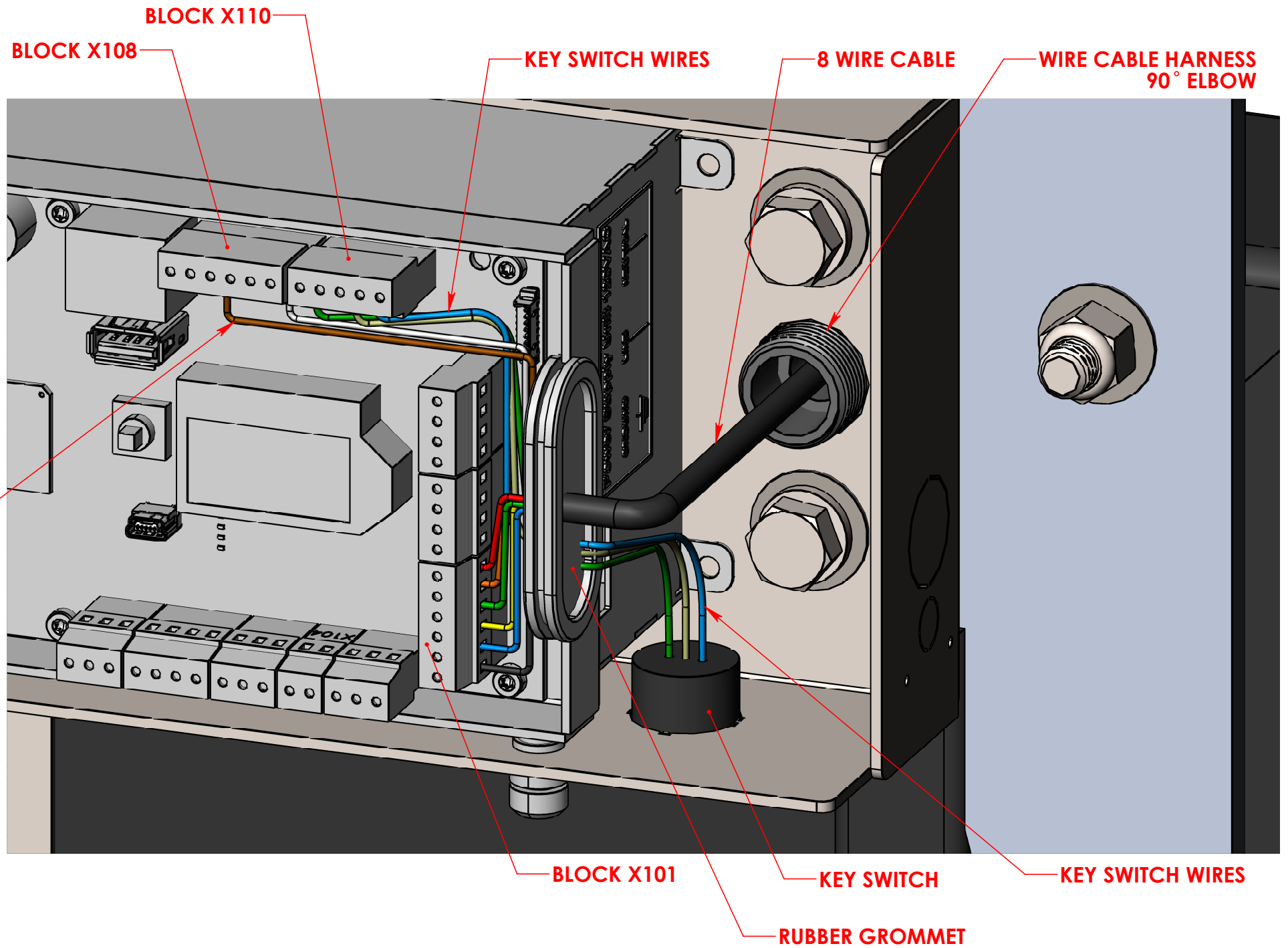| COLOR	TERMINAL
BLACK	8
BLUE	9
YELLOW	10
GREEN	11
ORANGE	12
RED	13

ELEC. LATCH TERMINAL BLOCK X108

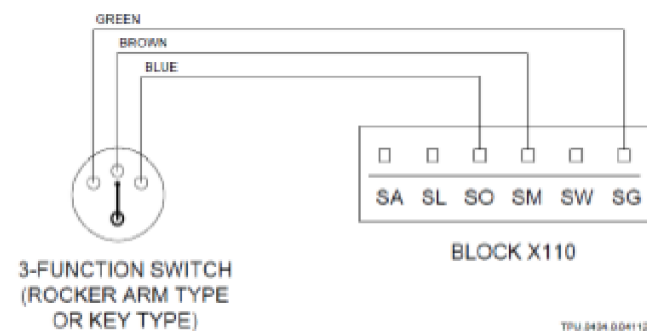| COLOR	TERMINAL
WHITE	27
BROWN	30

KEW SWITCH BLOCK X110

COLOR	TERMINAL
GREEN	SG
BROWN	SM
BLUE	SO

BLOCK X110

BLOCK X108

KEY SWITCH WIRES

8 WIRE CABLE

WIRE CABLE HARNESS 90° ELBOW

FAIL SECURE LOCK/ ELECTRIC STRIKE WIRES WHITE/BROWN (FROM 8 WIRE CABLE)

BLOCK X101

KEY SWITCH

KEY SWITCH WIRES

RUBBER GROMMET

KEY SWITCH WIRES DETAIL

GREEN
BROWN
BLUE

SA   SL   SO   SM   SW   SG

BLOCK X110

3-FUNCTION SWITCH (ROCKER ARM TYPE OR KEY TYPE)

TPU.5434.0.041120

UNLESS OTHERWISE SPECIFIED TOLERANCES	
X.X	± .06
X.XX	± .03
X.XXX	± .02
ANGLES	± 0.5°
FRACTIONS	± 1/8
SURFACE FINISH	63

DRAWING COMPLIES WITH ASME Y14.5M - 1994

INCH

MM

THIRD ANGLE PROJECTION

ASSA ABLOY

Ameristar Perimeter Security USA Inc
Tulsa

EXODUS AUTOMATIC PEDESTRIAN GATE OPENER INSTALLATION

DATE CREATED	DRAWN BY	DESIGNED BY
9/23/2022	nathan	nathan

SIZE
B

AMERISTAR EXODUS AUTOMATIC RECOMMENDED SETTINGS

AMERISTAR RECOMMENDS THE FOLLOWING SETTINGS TO OPERATE. SOME OPTIONS MAY CHANGE
DUE TO SITE SPECIFIC REASONS. REFER TO THE TORXUN PROGRAMMING INSTRUCTIONS SECTION XI (PAGE 42)
FOR DETAILED INFORMATION ON SPECIFIC SETTINGS. AMERISTAR ALSO RECOMMENDS A "TEACH" COMMAND AFTER
ANY CHANGES ARE MADE TO THE PARAMETERS AND/OR CONFIGURATIONS.

CONTROL BOARD IS PASSWORD PROTECTED USING THE TOGGLE.
PASSWORD: *LEFT, LEFT, LEFT, RIGHT, RIGHT, RIGHT*
IN THE EVENT END USER CHANGES PASSWORD, END USER MUST
KEEP RECORDS OF SUCH CHANGES.

**WARNING: THIS OPENER IS TO ONLY BE OPERATED IN "LOW ENERGY", ANSI 156.19.
IT IS THE RESPONSIBILITY OF THE INSTALLING PARTY TO ADHERE TO ANSI 156.19 STANDARDS AS
WELL AS FEDERAL, STATE, AND LOCAL CODES.**

CONFIGURATION SETTINGS:

Step	Device	SETTING
1	APuGo	5
2	ASES	95
3	ASER	0
4	SESClo	Inactive
5	EMY-In	CL-SPR
6	OExSTp	Key
7	Unlock	Impulse
8	EL-Fb	Off
9	LCDir	1
10	MovCon	Off
11	OexMan	On
12	PreSen	Off

PARAMETER SETTINGS:

Step	Device	Setting
1	Region	5
2	Vo	9
3	Vc	9
4	ToEx	5s
5	TKey	5s
6	TPugo	3
7	TDelay	0.8
8	FDelay	Off
9	TLock	.5s
10	FLock	2.0A
11	FSlam	3
12	FWind	Off
13	Fo	9
14	Fc	9
15	Foh	5
16	Fch	0.0A
17	LowEn	On
18	Width	45
19	Weight	275
20	Ao	115
21	Rod	STD-PH
22	Inverse	Off
23	dAxis	4"

UNLESS OTHERWISE SPECIFIED TOLERANCES		DRAWING COMPLIES WITH ASME Y14.5M - 1994
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X.XX	± .03	INCH
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FRACTIONS	± 1/8	THIRD ANGLE PROJECTION
SURFACE FINISH	63	

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