

MADE IN THE USA  
WURLAND, KY



1033 PORT ROAD  
WURLAND, KY 41144  
(740) 532-7822



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THIS DOCUMENT CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO PORTABLE SOLUTION GROUP, INC (DROPBOX, INC AND MODULAR SECURITY SYSTEMS, INC). IT IS PROVIDED WITH THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION IT CONTAINS WILL NOT BE REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN CONSENT FROM PORTABLE SOLUTIONS GROUP, INC. THIS DOCUMENT WILL NOT BE USED FOR ANY PURPOSE OTHER THAN CONDUCTING BUSINESS WITH PORTABLE SOLUTIONS GROUP, INC. AND/OR ITS ASSOCIATED COMPANIES LISTED ABOVE AND WILL BE RETURNED, AND ALL FURTHER USE DISCONTINUED UPON REQUEST BY PORTABLE SOLUTIONS GROUP, INC.

THIS MSSI PRODUCT IS COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS:

US 9,404,278; US 9,051,748;  
US 8,671,624; US 8,015,754;  
US 7,762,025; 7,823,338;  
CA 2,587,968; CA 2,682,764;  
EP 1812666; DZ 5173; EG 25627;  
NG RPNG/C/C2007/737;  
EP 2137356

CUSTOMER  
MSSI STANDARDS

PROJECT  
MAC1

DRAWING NUMBER  
M1XX

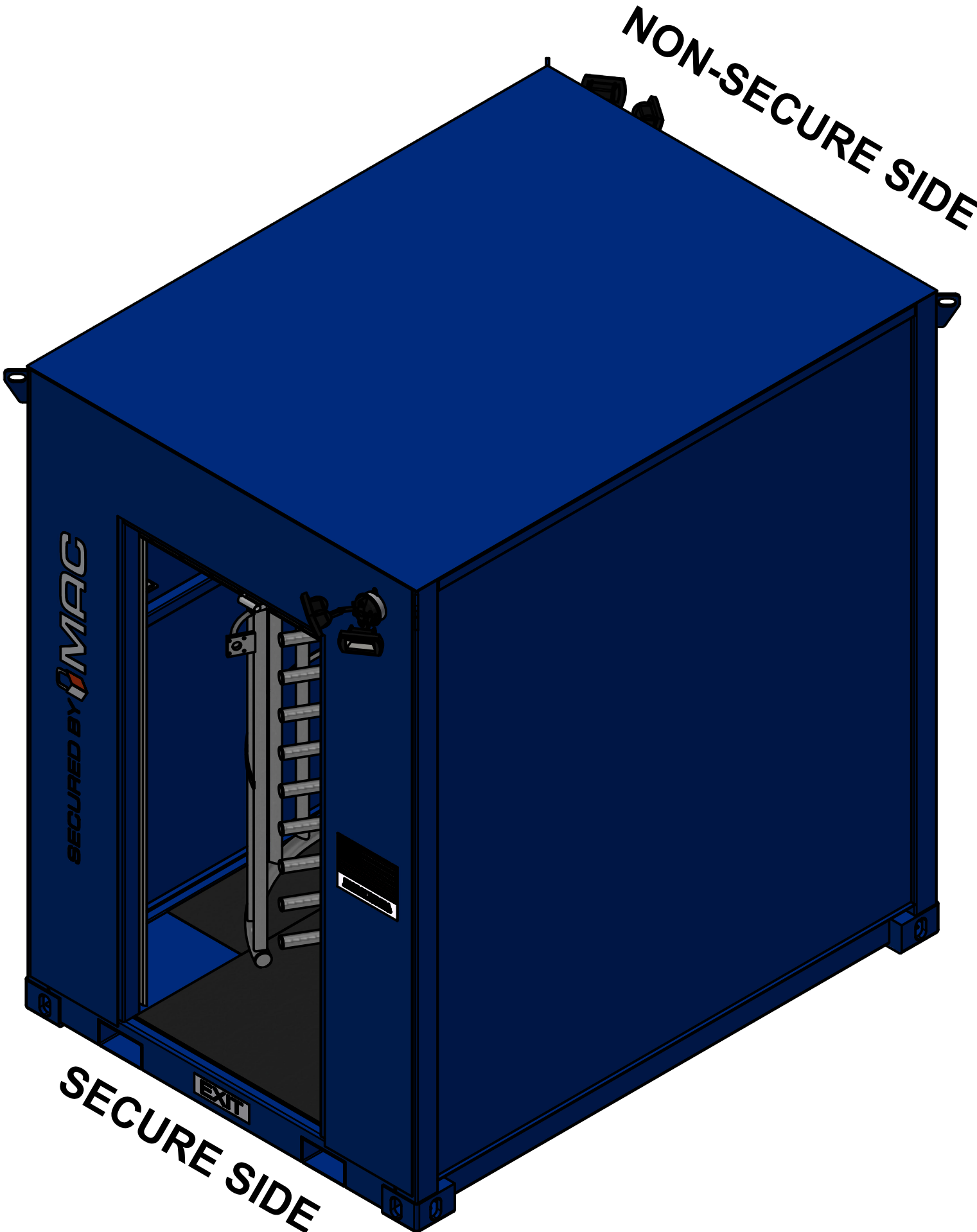
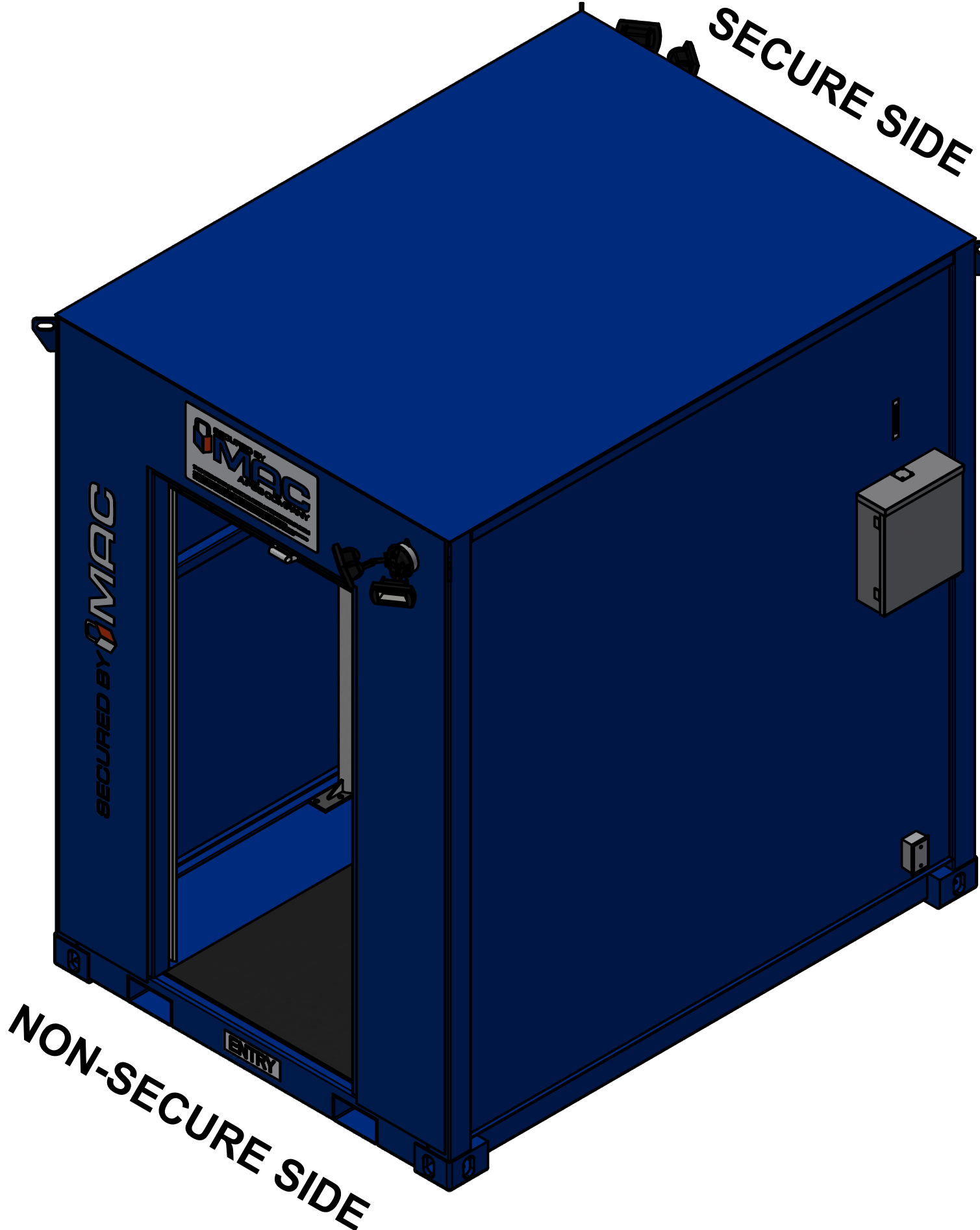
DRAWN	DATE
PHOLBROOK	2/21/2023
REVIEW	DATE
JCALDWELL	3/8/2023
APPROVED	DATE
NMCCARTY	3/15/2023

REVISIONS

REV	DESCRIPTION	DRAWN	DATE
0	MANUFACTURING RELEASE	PDH	2/21/23
1	MANUFACTURING RELEASE	PDH	7/3/23
2	MANUFACTURING RELEASE	PDH	8/22/23

ISOMETRICS  
ROOF ON

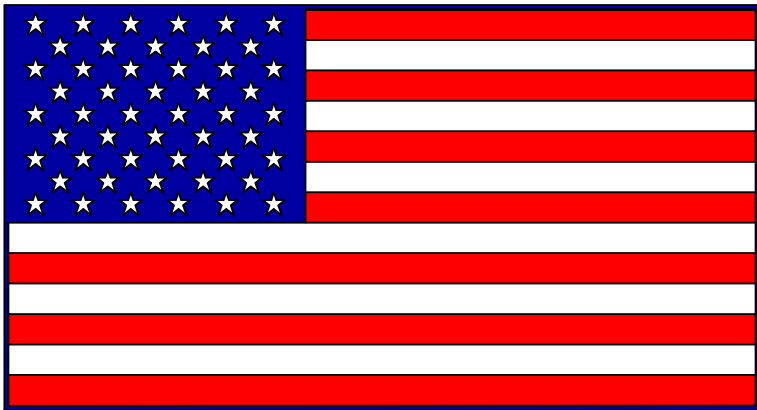
SHEET NUMBER  
M1XX-0100



1

2

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)



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CUSTOMER  
MSSI STANDARDS

PROJECT  
MAC1

DRAWING NUMBER  
M1XX

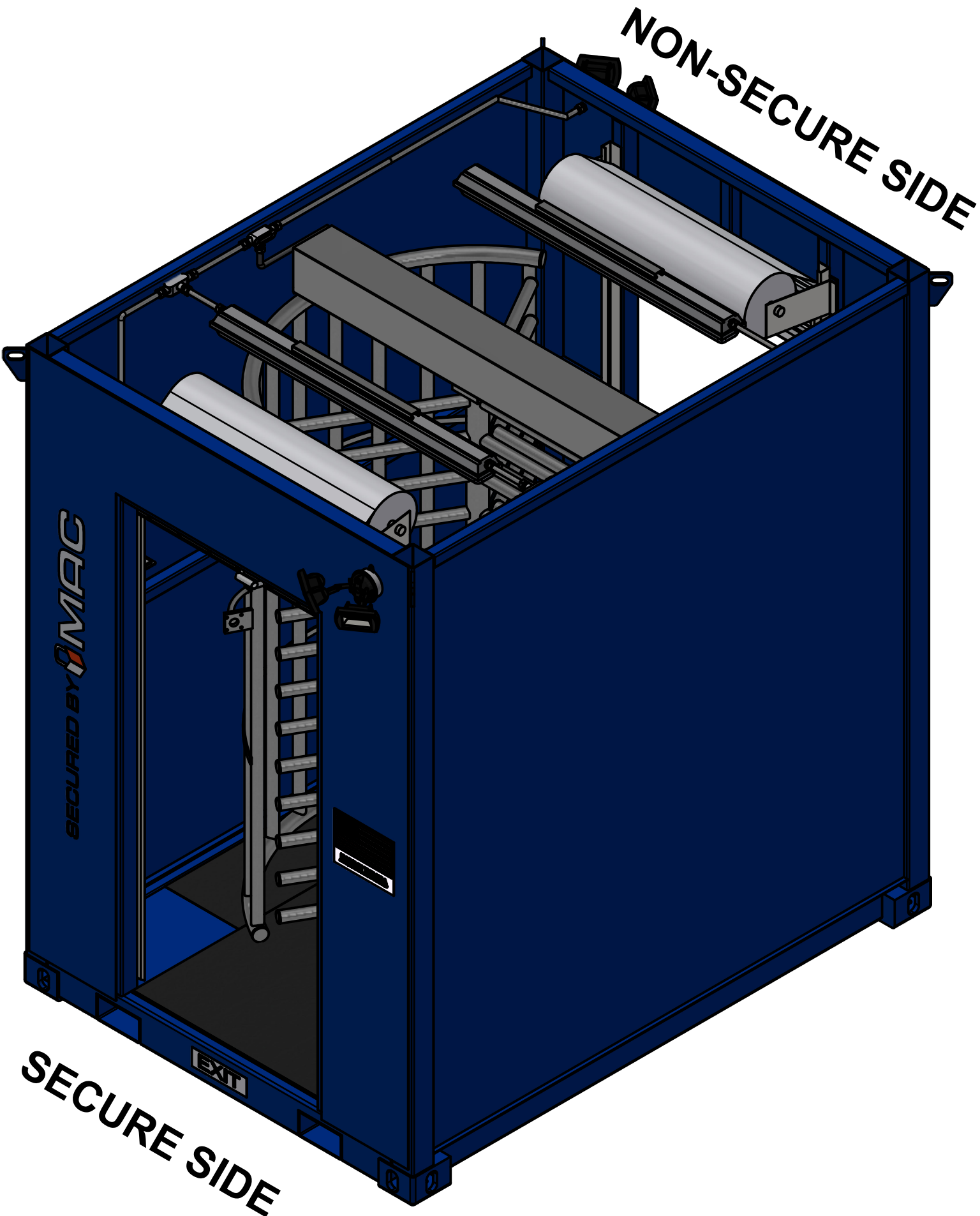
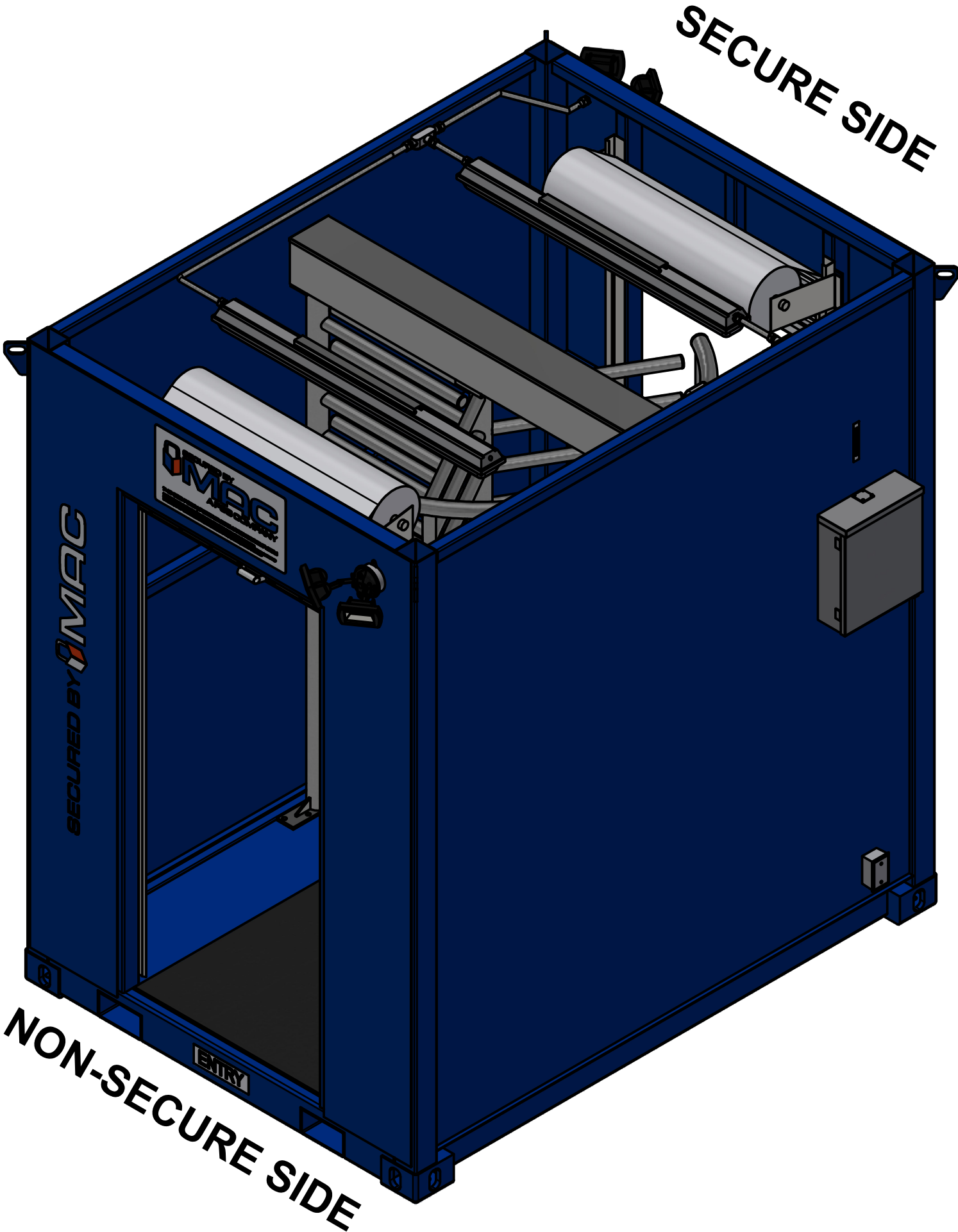
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ISOMETRICS  
ROOF OFF

SHEET NUMBER  
M1XX-0101





1

2

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)



A		B		C		D																																																																					
PRODUCT DESCRIPTION		FINISH SCHEDULE		PAINT COATINGS AND COLOR																																																																							
<div>PRODUCT: M1XX</div> <div>DESCRIPTION: MAC1</div> <div>ENCLOSURE: CUSTOM ENCLOSURE</div> <div>FOOTPRINT: 8'-0" X 6'-0"</div> <div>APPROX. SHIPPING: 8'-4" X 6'-7" X 8'-6"</div> <div>APPROX. OVERALL: 9'-7" X 6'-7" X 8'-6"</div> <div>DOORS:<table><tr><td>SIZE</td><td>SWING</td><td>RATING</td><td>QTY</td></tr><tr><td>N/A</td><td></td><td></td><td></td></tr></table></div> <div>ROLL-UP DOORS:<table><tr><td>SIZE</td><td>RATING</td><td>QTY</td></tr><tr><td>3'-0" X 7'-0"</td><td></td><td>2</td></tr></table></div> <div>WINDOWS:<table><tr><td>SIZE</td><td>TYPE</td><td>RATING</td><td>QTY</td></tr><tr><td>N/A</td><td></td><td></td><td></td></tr></table></div> <div>TURNSTILES:<table><tr><td>SIZE</td><td>QTY</td></tr><tr><td>SINGLE</td><td>1</td></tr></table></div> <div>COUNTER:<div>N/A</div></div> <div>HVAC:<div>N/A</div></div> <div>ELECTRICAL:<table><tr><td>LOAD CENTER MAIN AMPS:</td><td>100A</td></tr><tr><td>VOLTAGE:</td><td>120V/240V</td></tr><tr><td>FREQUENCY:</td><td>60Hz</td></tr><tr><td>INTERIOR LIGHT(S):</td><td>LIGHT, LED, 4'-0" OVERHEAD / 2</td></tr><tr><td>EXTERIOR LIGHT(S):</td><td>LIGHT, LED, FLOOD, PHOTOCELL, MOTION SENSOR / 2</td></tr></table></div>		SIZE	SWING	RATING	QTY	N/A				SIZE	RATING	QTY	3'-0" X 7'-0"		2	SIZE	TYPE	RATING	QTY	N/A				SIZE	QTY	SINGLE	1	LOAD CENTER MAIN AMPS:	100A	VOLTAGE:	120V/240V	FREQUENCY:	60Hz	INTERIOR LIGHT(S):	LIGHT, LED, 4'-0" OVERHEAD / 2	EXTERIOR LIGHT(S):	LIGHT, LED, FLOOD, PHOTOCELL, MOTION SENSOR / 2	<div>TURNSTILE BAY</div> <div>FRAMING:<div>WALLS: CUSTOM ENCLOSURE</div><div>CEILING: CUSTOM ENCLOSURE</div><div>FLOOR: CUSTOM ENCLOSURE</div></div> <div>INSULATION:<div>WALLS: N/A</div><div>CEILING: N/A</div><div>FLOOR: N/A</div></div> <div>SUBSURFACE:<div>WALLS: N/A</div><div>CEILING: N/A</div><div>FLOOR: PLYWOOD, 1-1/8", MARINE</div></div> <div>SURFACE:<div>WALLS: PAINTED STEEL</div><div>CEILING: PAINTED STEEL</div><div>FLOOR: PAINT COATED FLOOR WITH TEXTURED ADHESIVE</div></div>		<div>EXTERIOR COLOR: PSG BLUE</div> <div>EXTERIOR COATING: C3 SYSTEM</div> <div>INTERIOR COLOR: PSG BLUE</div> <div>INTERIOR COATING: C3 SYSTEM</div> <div>DOOR COLOR:</div> <div>DOOR COATING:</div> <div>NOTES:<div>PAINT FLOOR</div><div><div><input type="checkbox"/></div>COAL TAR SPRAY*</div><div><div><input type="checkbox"/></div>CLOSED CELL SPRAY FOAM*</div><div><div><input checked="" type="checkbox"/></div>TEXTURED FLOORING</div><div>PAINT COATED FLOOR WITH TEXTURED ADHESIVE</div></div> <div>*COAL TAR IS APPLIED BEFORE CLOSED CELL SPRAY FOAM UNLESS OTHERWISE NOTED.</div>		<div><div><div>PORTABLE SOLUTIONS GROUP</div></div><div>1033 PORT ROAD WURLTAND, KY 41144 (740) 532-7822</div></div> <div><div><div>SECURED BY MAC A PSG COMPANY</div></div><div>PORTABLESOLUTIONSGROUP.COM</div></div> <div><div>THIS DOCUMENT CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO PORTABLE SOLUTION GROUP, INC (DROPBOX, INC AND MODULAR SECURITY SYSTEMS, INC). IT IS PROVIDED WITH THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION IT CONTAINS WILL NOT BE REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN CONSENT FROM PORTABLE SOLUTIONS GROUP, INC. THIS DOCUMENT WILL NOT BE USED FOR ANY PURPOSE OTHER THAN CONDUCTING BUSINESS WITH PORTABLE SOLUTIONS GROUP, INC. AND/OR ITS ASSOCIATED COMPANIES LISTED ABOVE AND WILL BE RETURNED, AND ALL FURTHER USE DISCONTINUED UPON REQUEST BY PORTABLE SOLUTIONS GROUP, INC.</div><div>THIS MSSI PRODUCT IS COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS:<div>US 9,404,278; US 9,051,748; US 8,671,624; US 8,015,754; US 7,762,025; 7,823,338; CA 2,587,968; CA 2,682,764; EP 1812666; DZ 5173; EG 25627; NG RPNG/C/C2007/737; EP 2137356</div></div></div> <div>CUSTOMER MSSI STANDARDS</div> <div>PROJECT MAC1</div> <div>DRAWING NUMBER M1XX</div> <div>DRAWN PHOLBROOK</div> <div>DATE 2/21/2023</div> <div>REVIEW JCALDWELL</div> <div>DATE 3/8/2023</div> <div>APPROVED NMCCARTY</div> <div>DATE 3/15/2023</div> <div>REVISIONS<table><tr><th>REV</th><th>DESCRIPTION</th><th>DRAWN</th><th>DATE</th></tr><tr><td>0</td><td>MANUFACTURING RELEASE</td><td>PDH</td><td>2/21/23</td></tr><tr><td>1</td><td>MANUFACTURING RELEASE</td><td>PDH</td><td>7/3/23</td></tr><tr><td>2</td><td>MANUFACTURING RELEASE</td><td>PDH</td><td>8/22/23</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table></div> <div>PROJECT DETAILS 1 OF 1</div> <div>SHEET NUMBER M1XX-0150</div>		REV	DESCRIPTION	DRAWN	DATE	0	MANUFACTURING RELEASE	PDH	2/21/23	1	MANUFACTURING RELEASE	PDH	7/3/23	2	MANUFACTURING RELEASE	PDH	8/22/23																
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1

2

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)

A

B

C

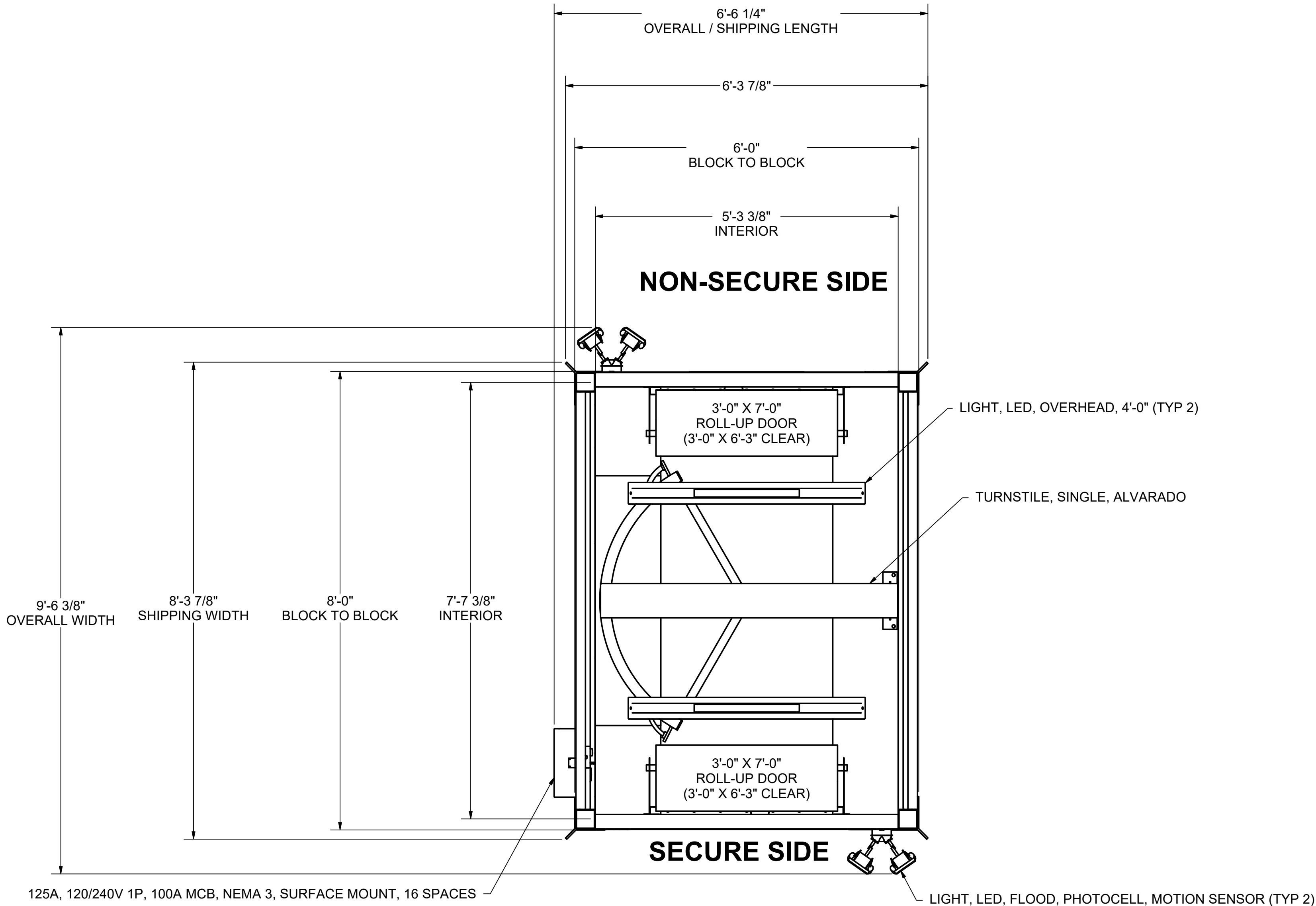
D

A

B

C

D



**GENERAL ARRANGEMENT PLAN**  
SCALE: 3/4" = 1'-0"



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CUSTOMER  
MSSI STANDARDS

PROJECT  
MAC1

DRAWING NUMBER  
M1XX

DRAWN	DATE
PHOLBROOK	2/21/2023
REVIEW	DATE
JCALDWELL	3/8/2023
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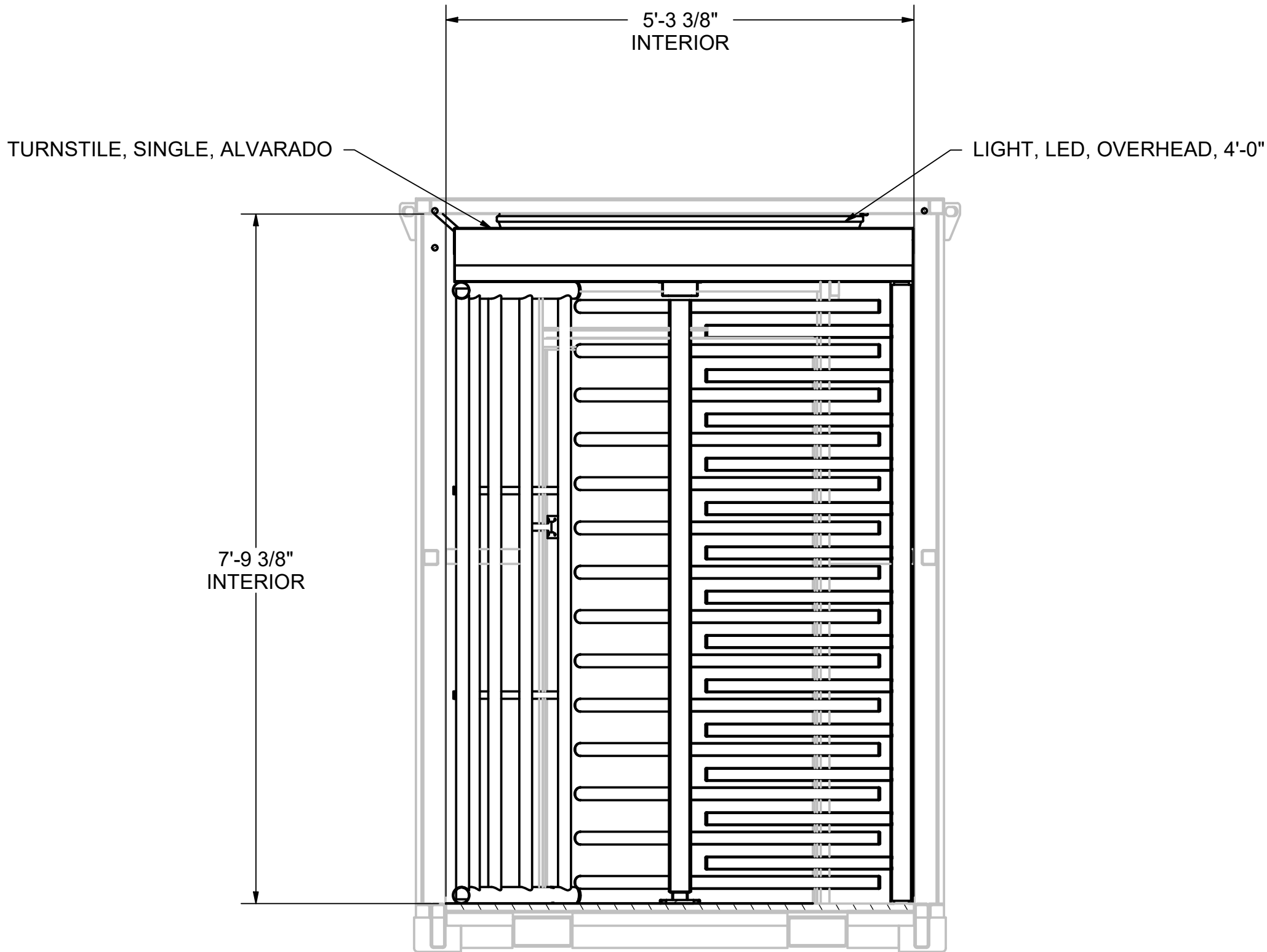
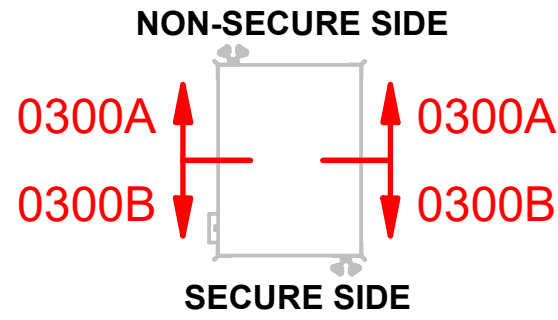
GENERAL  
ARRANGEMENT  
PLAN

SHEET NUMBER  
M1XX-0200

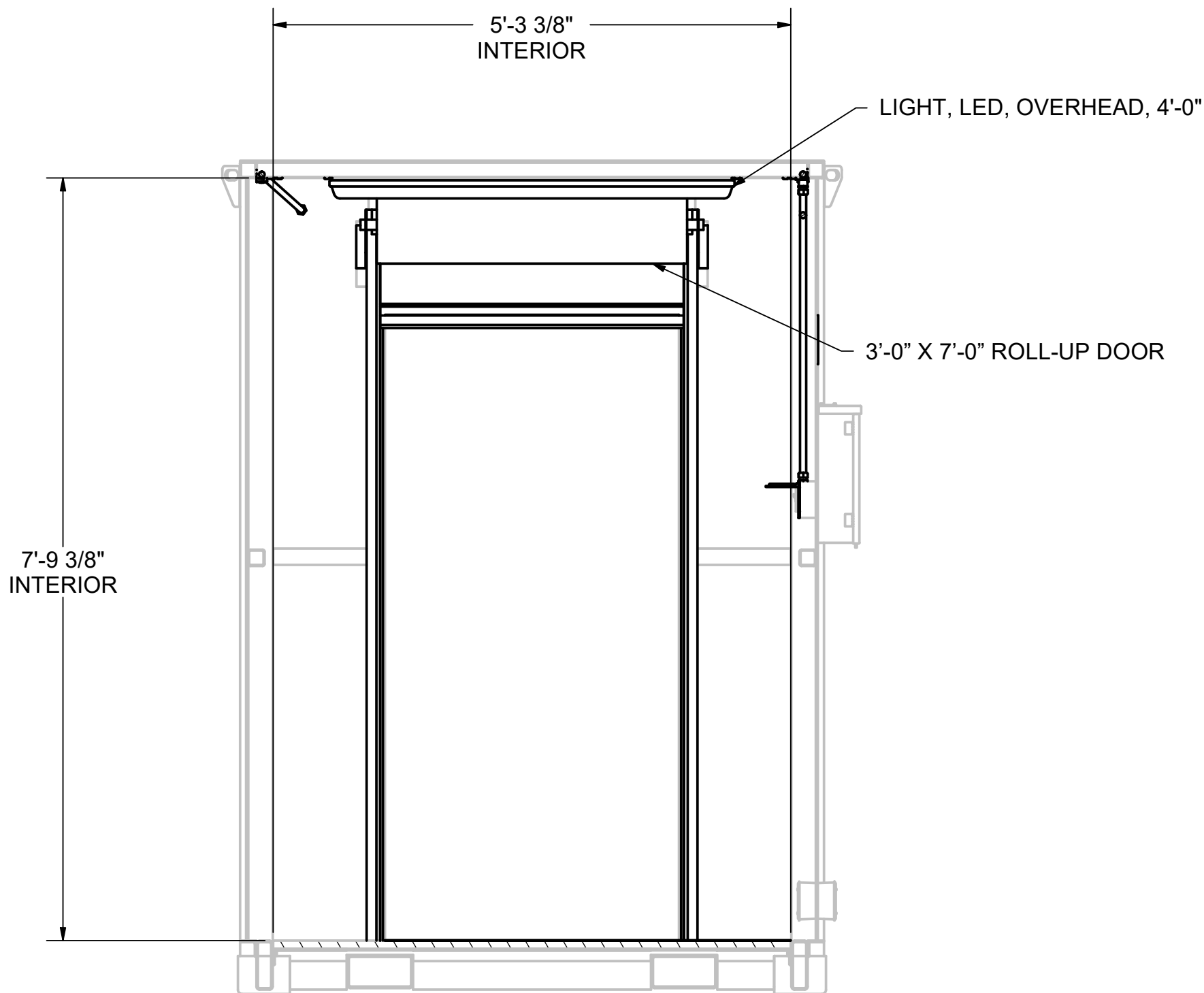
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2

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)



**SECTION 0300A**  
SCALE: 3/4" = 1'-0"



**SECTION 0300B**  
(TURNSTILE NOT SHOWN FOR CLARITY)  
SCALE: 3/4" = 1'-0"



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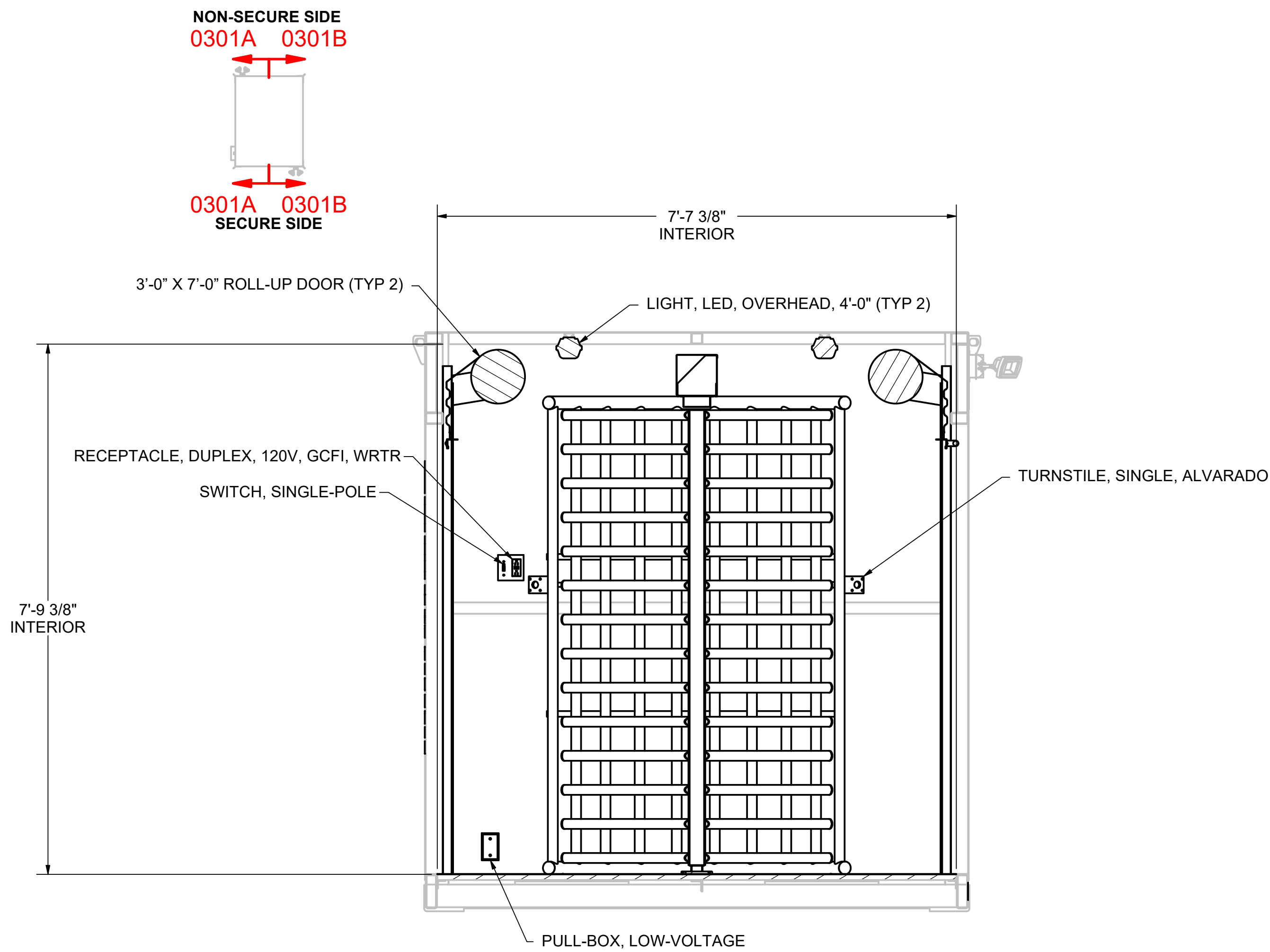
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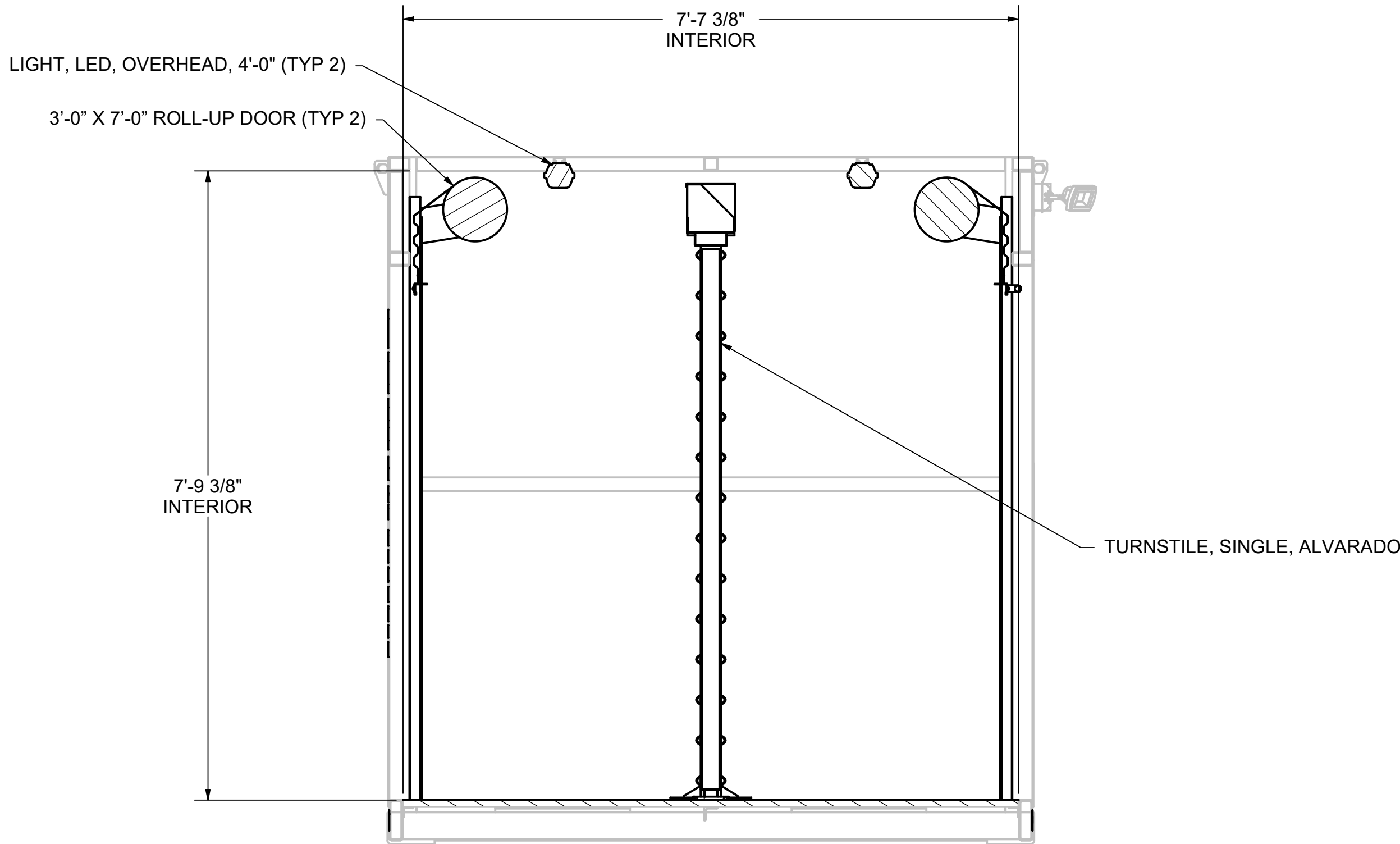
INTERIOR  
SECTIONS  
0300A - B

SHEET NUMBER  
M1XX-0300

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)



**SECTION 0301A**  
SCALE: 3/4" = 1'-0"



**SECTION 0301B**  
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INTERIOR  
SECTIONS  
0301A - B

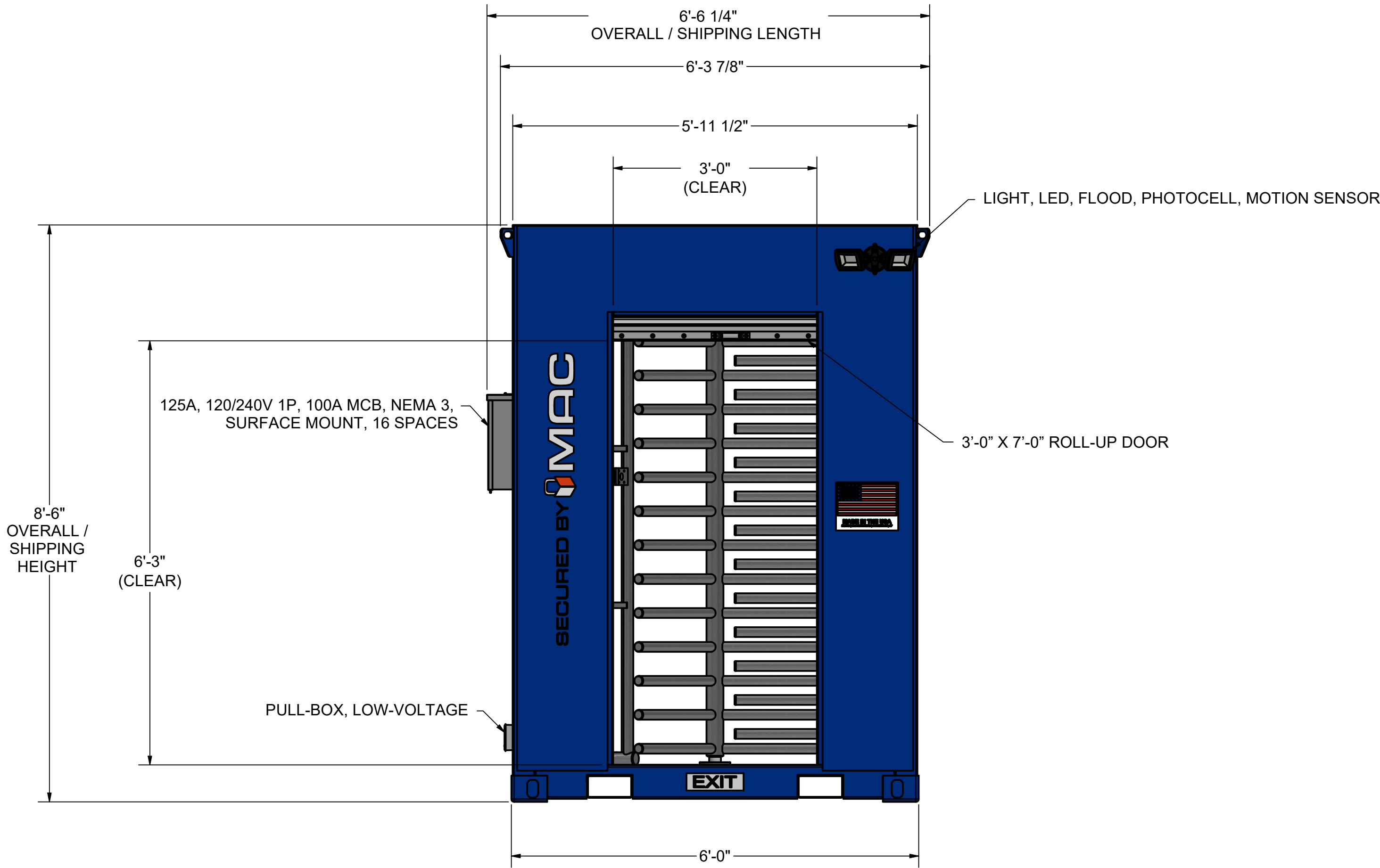
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M1XX-0301



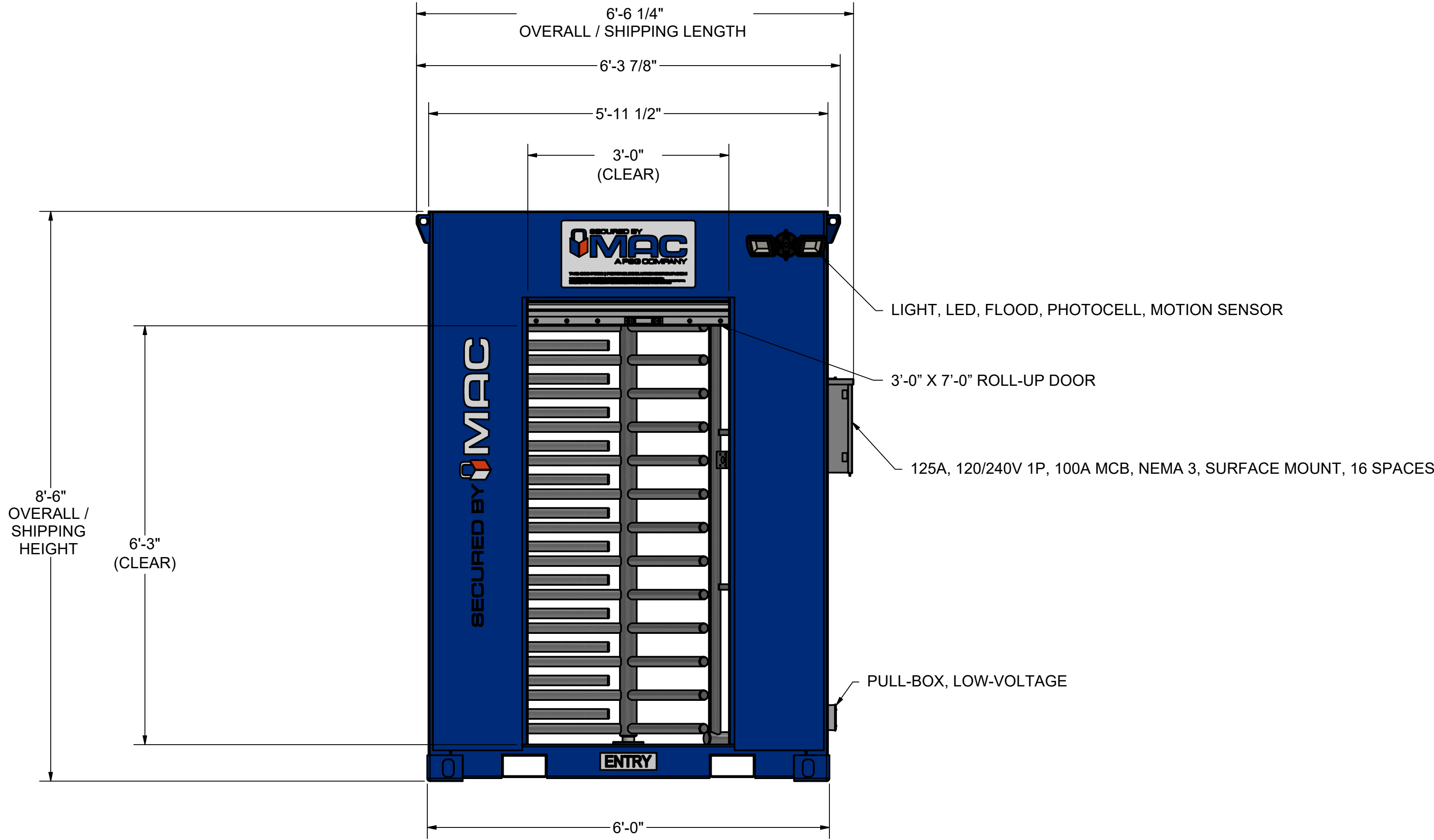
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2

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)



**SECURE SIDE**  
SCALE: 3/4" = 1'-0"



**NON-SECURE SIDE**  
SCALE: 3/4" = 1'-0"



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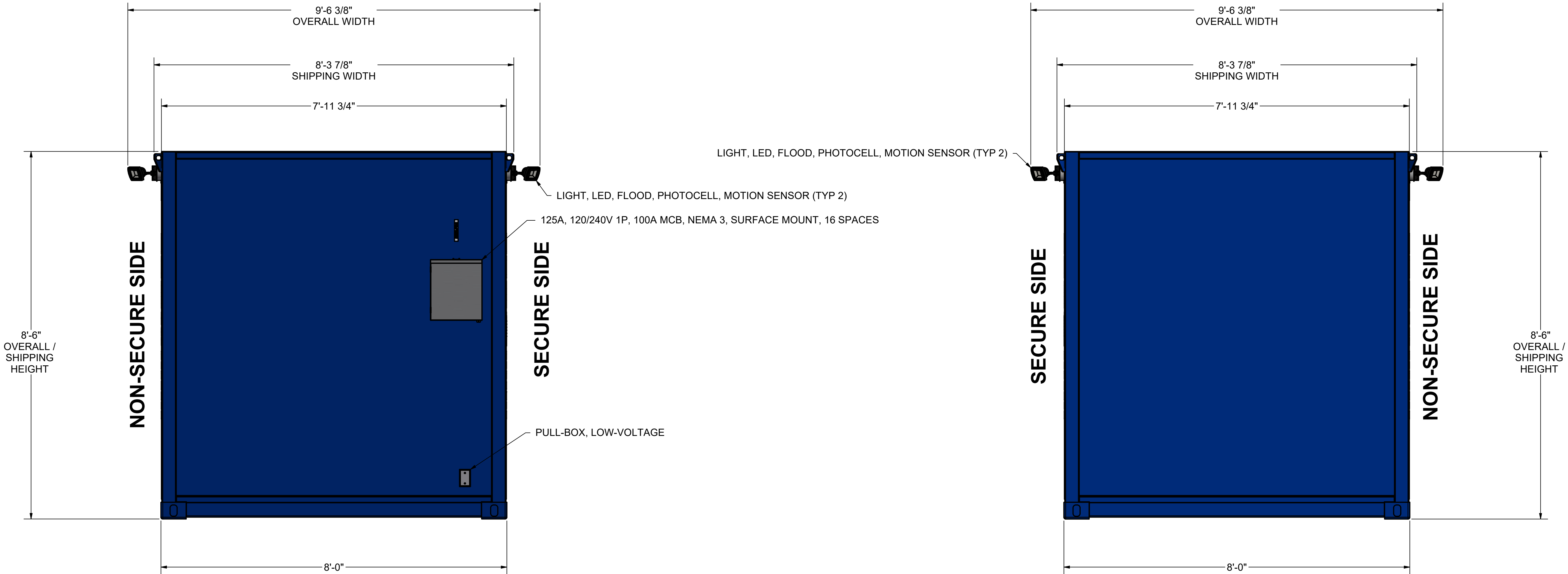
EXTERIOR  
ELEVATIONS  
SIDES

SHEET NUMBER  
M1XX-0400

1

2

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**LEFT END**  
SCALE: 3/4" = 1'-0"

**RIGHT END**  
SCALE: 3/4" = 1'-0"



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EXTERIOR  
ELEVATIONS  
ENDS

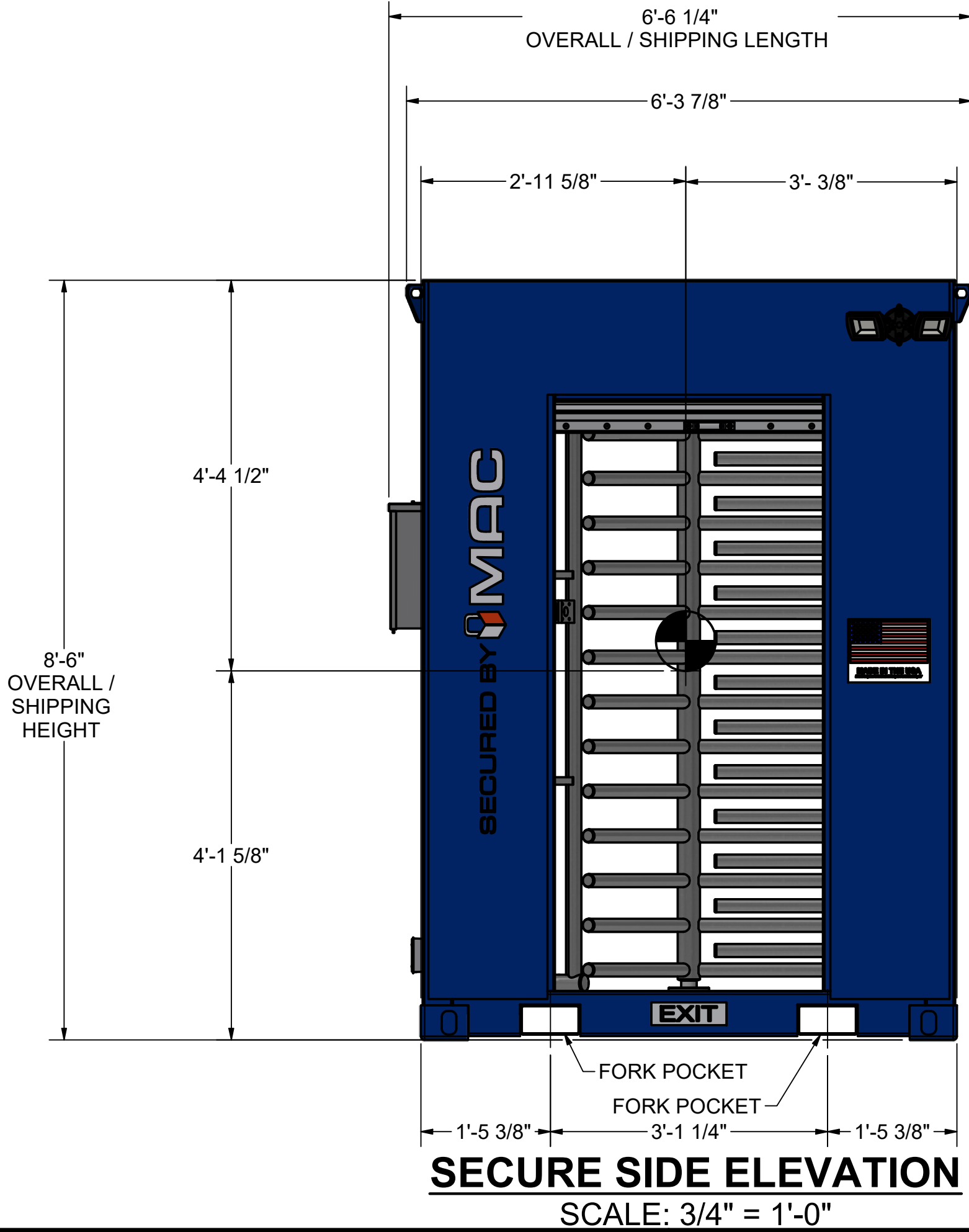
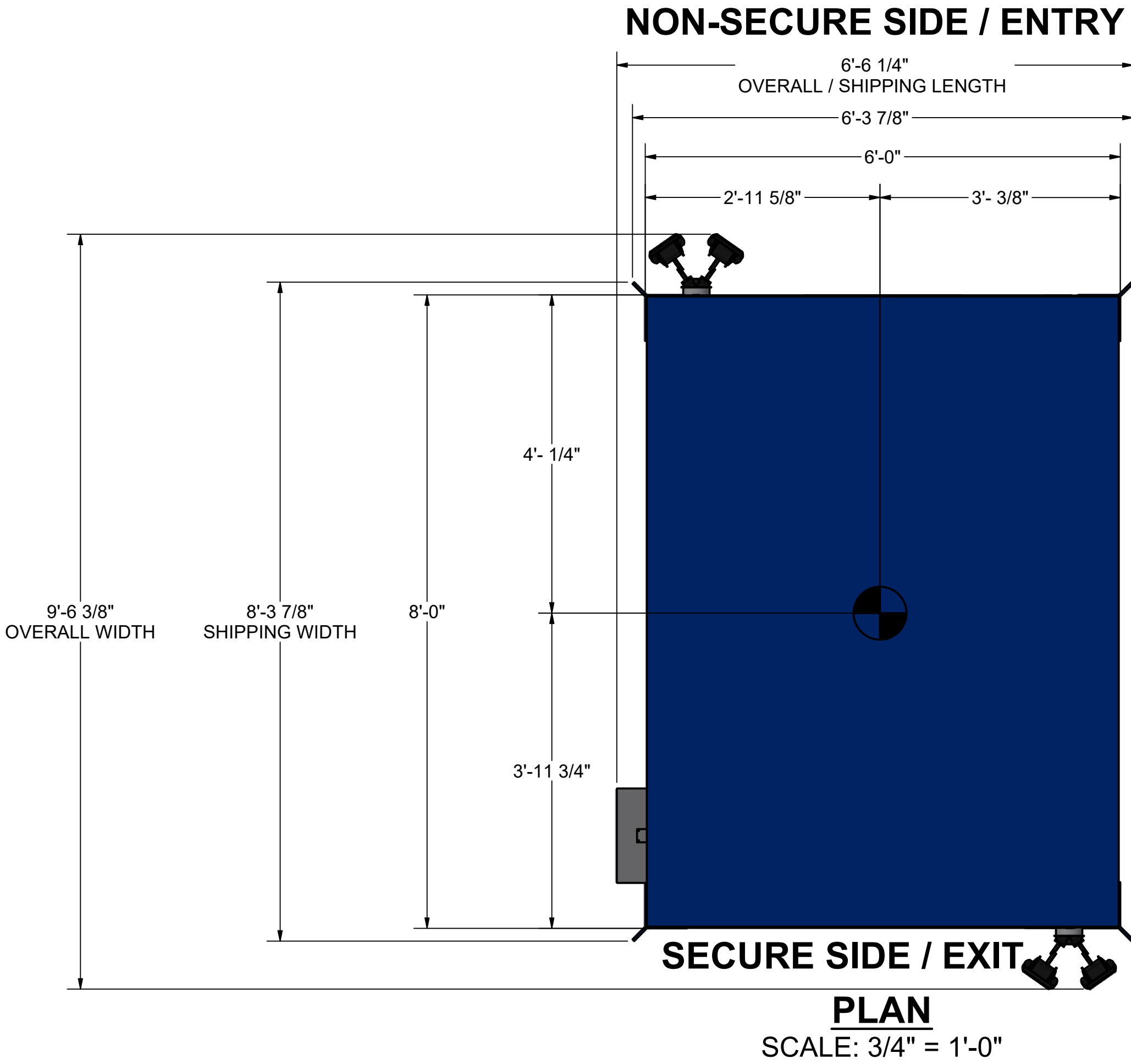
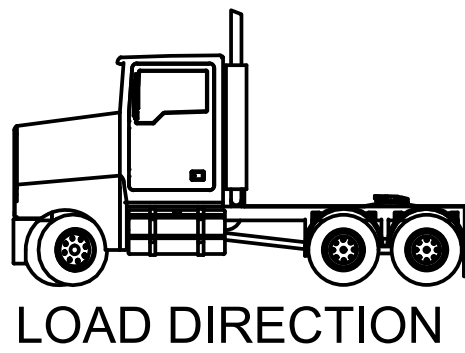
SHEET NUMBER  
M1XX-0401



1

2

ORIGINAL SHEET SIZE = 22 IN X 34 IN (ANSI D)



CALCULATED WEIGHT

3500 LBS

THE CALCULATED WEIGHT DOES NOT REPRESENT THE ACTUAL WEIGHT OF THIS UNIT. THE CALCULATED WEIGHT OF THIS UNIT IS BASED ON STANDARD DESIGN PRACTICES AND IS CALCULATED FROM THE DESIGN MODEL. THE DESIGN MODEL IS REPRESENTATIVE OF THE PURCHASE ORDER SCOPE OF WORK AND ONLY INCLUDES WEIGHTS OF MATERIALS INSTALLED AT THE MANUFACTURING FACILITIES AND DOES NOT INCLUDE CUSTOMER INSTALLED MATERIAL WEIGHTS.

LIFTING METHOD(S)

- ☒ BOTTOM CORNER BLOCKS
- ☐ TOP CORNER BLOCKS
- ☒ FORK POCKETS
- ☒ OTHER  
TOP LIFTING LUGS



1033 PORT ROAD  
WURLAND, KY 41144  
(740) 532-7822



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THIS MSSI PRODUCT IS COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS:

US 9,404,278; US 9,051,748;  
US 8,671,624; US 8,015,754;  
US 7,762,025; 7,823,338;  
CA 2,587,968; CA 2,682,764;  
EP 1812666; DZ 5173; EG 25627;  
NG RPNG/C/C2007/737;  
EP 2137356

CUSTOMER  
MSSI STANDARDS

PROJECT  
MAC1

DRAWING NUMBER  
M1XX

DRAWN	DATE
PHOLBROOK	2/21/2023
REVIEW	DATE
JCALDWELL	3/8/2023
APPROVED	DATE
NMCCARTY	3/15/2023

REVISIONS

REV	DESCRIPTION	DRAWN	DATE
0	MANUFACTURING RELEASE	PDH	2/21/23
1	MANUFACTURING RELEASE	PDH	7/3/23
2	MANUFACTURING RELEASE	PDH	8/22/23

CENTER  
OF  
GRAVITY

SHEET NUMBER  
M1XX-0500

# ELECTRICAL NOTES

1. ALL EXTERIOR FITTINGS NEED TO BE GASKETED.
2. ALL EXTERIOR ELECTRICAL BOXES NEED TO BE SEALED WITH SILICONE.
3. ALL EXTERIOR ELECTRICAL BOXES CAN BE ADJUSTED TO MOUNT ON NEAREST HIGH RIB UNLESS SPECIFIED.

# ELECTRICAL SYMBOLS

## LUMEN SETTINGS

## TURNSTILE BAYS:

## 6800 LM

NOTE: FACTORY DEFAULT IS HIGHEST SETTING. SWITCH TO VALUES STATED ABOVE FOR EACH AREA.



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CUSTOMER  
MSSI STANDARDSPROJECT  
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ELECTRICAL  
NOTES  
1 OF 1

SHEET NUMBER  
M1XX-E000



A

B

LOAD CENTER

SERVED FROM: CUSTOMER

ENCLOSURE RATING: NEMA 3R

MOUNTING: SURFACE

AMPERE RATING: 125 A

MAIN BREAKER: 100 A

LUG OPTIONS: MAIN CIRCUIT BREAKER

VOLTAGE (L-L) 240

VOLTAGE (L-N) 120

LOCATION: EXTERIOR

PHASE: 1

WIRE: 3

10 ,000 MINIMUM RMS

SYMMETRICAL AIC RATING

CIR. NO.	LOAD DESCRIPTION	LOAD (KVA)					PHASE	G SIZE	CND IN.	BRKR RTG/P	BRKR RTG/P	PHASE	G SIZE	CND IN.	LTG	H/C	LOAD (KVA)				LOAD DESCRIPTION	CIR. NO.
		LTG	H/C	MOT	REC	MISC											MOT	REC	MISC			
1	MAIN								100/2	A	20/1	12	12	1/2						TURNSTILE (LANE 1)	2	
3										B										SPACE ONLY	4	
5	LIGHTING (TURNSTILE BAY)	0.12						12	12	1/2	20/1	A								SPACE ONLY	6	
7	LIGHTING (EXTERIOR)	0.60						12	12	1/2	20/1	B								SPACE ONLY	8	
9	RECEPT (TURNSTILE BAY)				0.18			12	12	1/2	20/1	A								SPACE ONLY	10	
11	SPACE ONLY											A								SPACE ONLY	12	
13	SPACE ONLY											A								SPACE ONLY	14	
15	SPACE ONLY											B								SPACE ONLY	16	

PANELBOARD NOTES:

LOAD TOTALS (KVA):

LIGHTING/CONTINUOUS 0.72

HEATING/COOLING 0.00

MOTORS 0.00

RECEPTACLES 0.18

MISCELLANEOUS 0.03

CONNECTED

0.72

0.00

0.00

0.18

0.03

DEMAND

0.90

0.00

0.00

0.18

0.03

LOAD BALANCE

KVA

0.33

0.60

AMPS

3

5

PHASE A

PHASE B

0.27

2

MAX. UNBALANCED

LARGEST MOTOR (KVA): 0.00

1.11

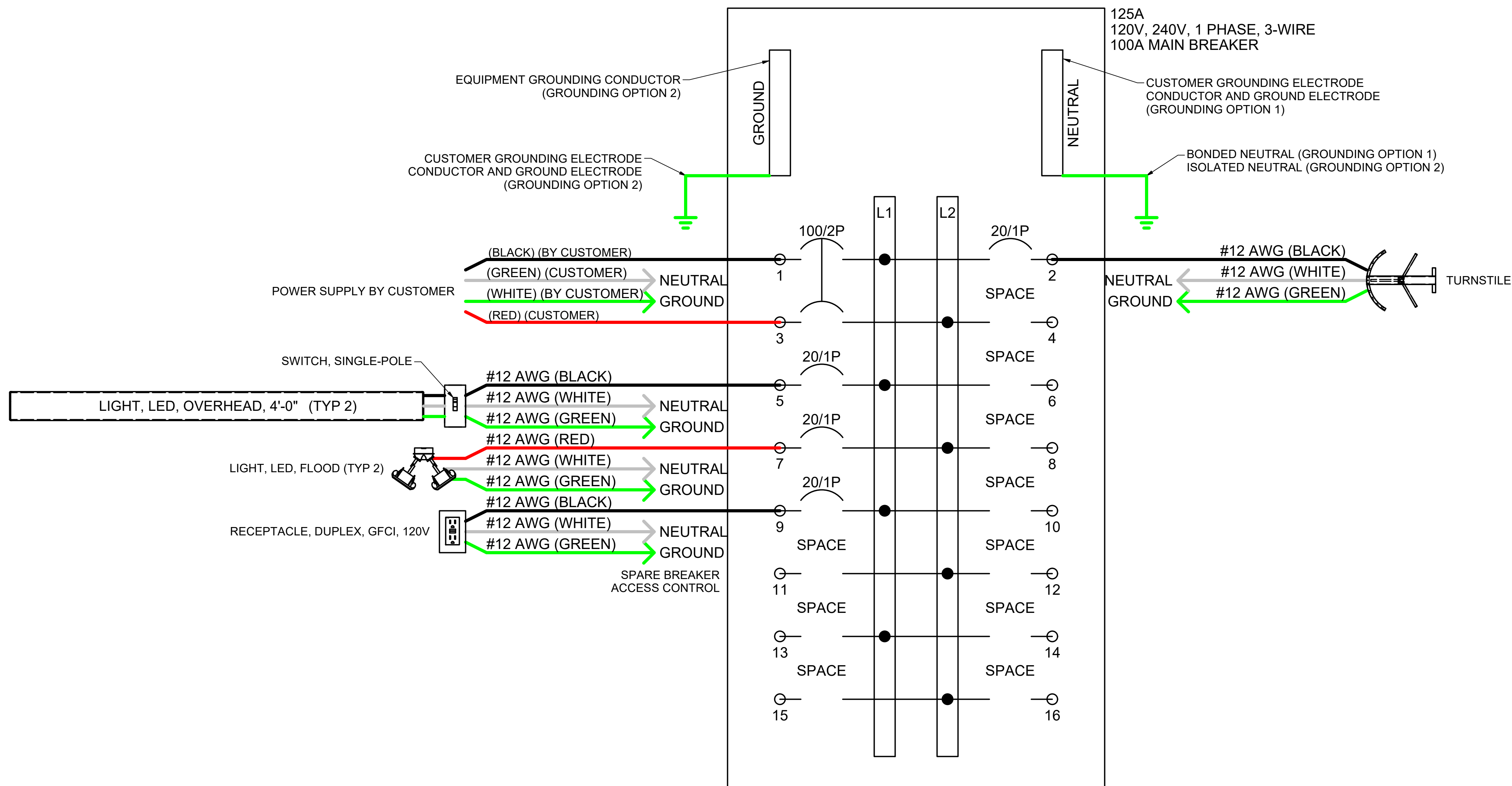
5

TOTAL DEMAND KVA

TOTAL DEMAND AMPS

CUSTOMER SHALL GROUND ELECTRICAL SERVICE PER NATIONAL ELECTRIC CODE (NEC) ARTICLE 250. GROUNDING OPTIONS:

OPTION 1) NEW UNGROUNDED SERVICE.  
OPTION 2) SEPARATE BUILDING FEEDER.



SECURED BY  
**MAC**  
A PSG COMPANY

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CUSTOMER  
MSSI STANDARDS

PROJECT  
MAC1

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ELECTRICAL  
LOAD CENTER  
DETAILS  
1 OF 1

SHEET NUMBER  
M1XX-E010



1

2

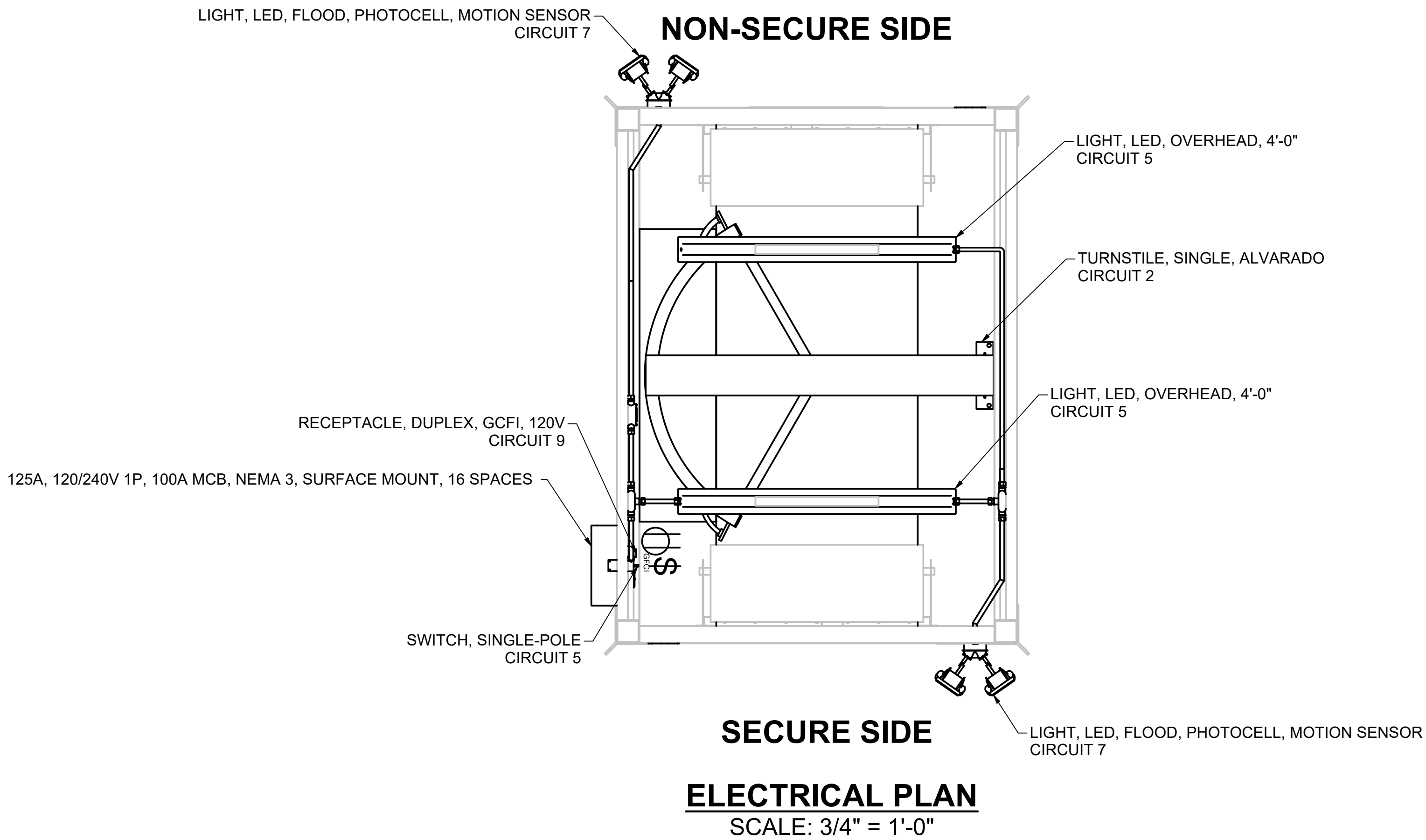
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A

B

C

D



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ELECTRICAL  
PLAN

SHEET NUMBER  
M1XX-E020