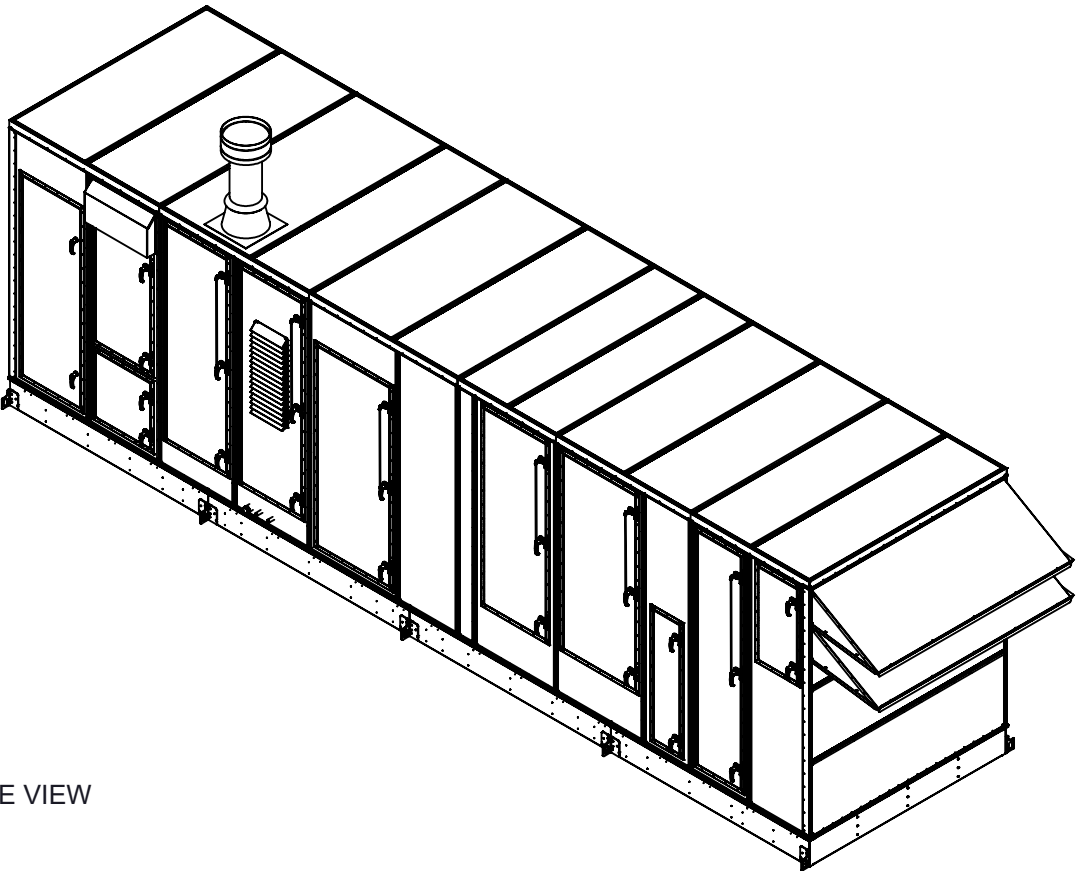
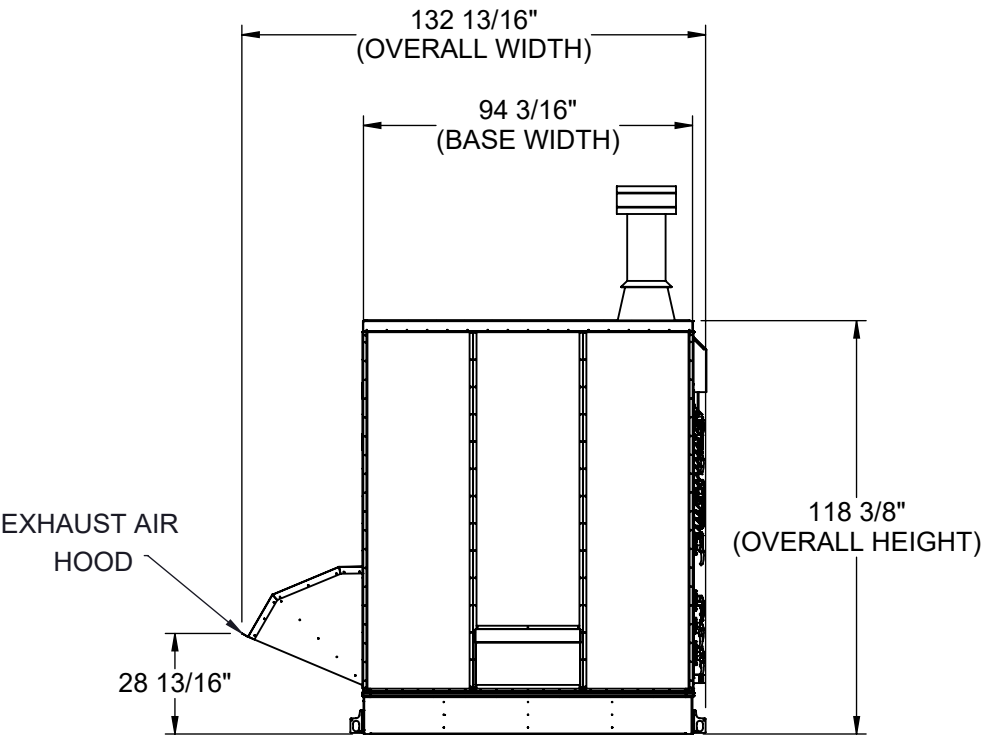


GENERAL NOTES FOR APPLICABLE SHEETS:

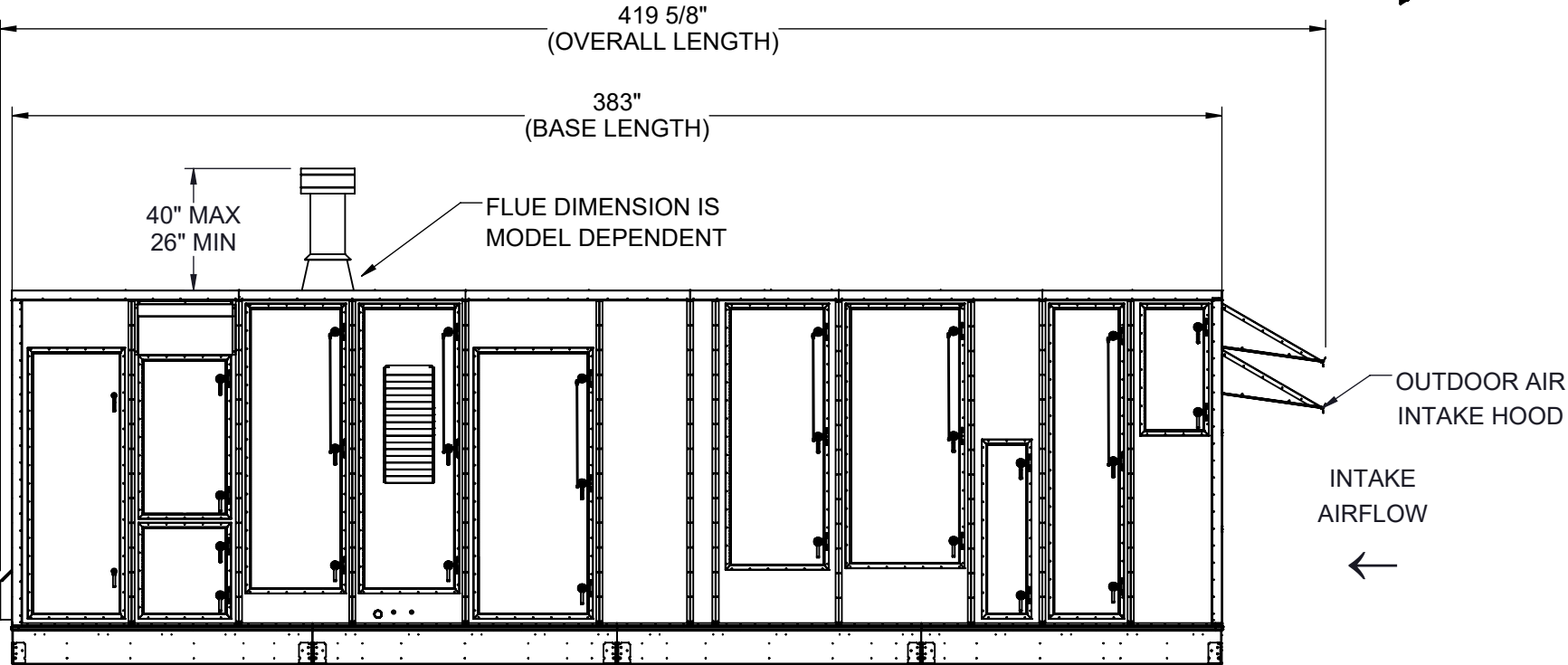
LEFT HAND ACCESS SHOWN IN ALL VIEWS
RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED
WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT



BACK VIEW



LEFT SIDE VIEW



UNIT SIZE	ESTIMATED WEIGHT (lbs.)
45-50 TONS	16500

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TOLERANCE $\pm 1/8"$

All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified



Third Angle Projection

Part weight

Tolerance Unless Otherwise Specified
X.X $\pm .125$
X.XX $\pm .060$
X.XXX $\pm .030$
Angles $\pm 1^\circ$

Drawn **ASV** Date Released **1/19/2018**

Sheet **1/10**

Scale **NTS**



N120 W18485 FREISTADT RD
GERMANTOWN, WI 53022
Tel: (262) 946-7400
Fax: (262) 946-7401

Description **SP 40-50 TON SPLIT SINGLE GAS**

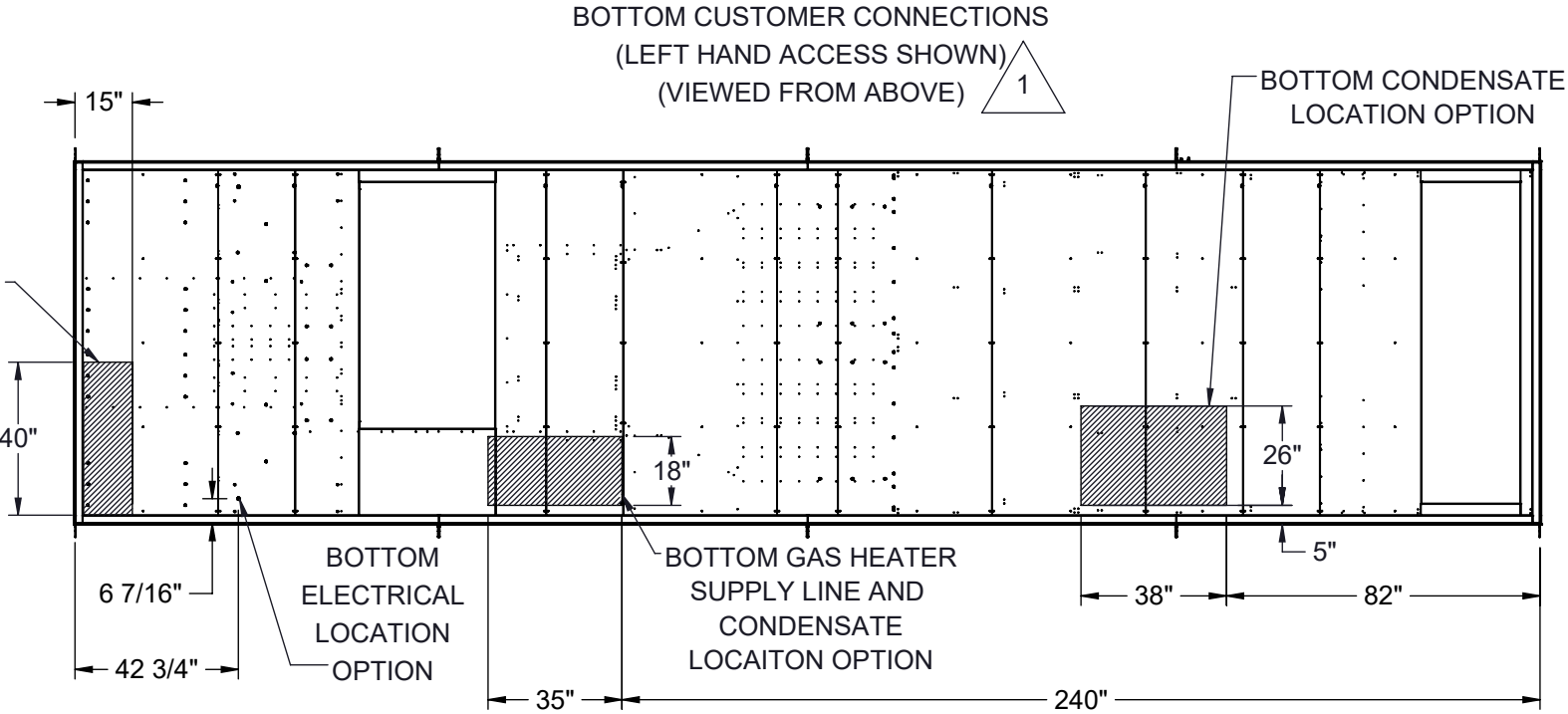
Page Title **GENERAL ARRANGEMENT**

Drawing Number **G1000-113**

Rev. **1**

CUSTOMER CONNECTION LINE SIZE (in.)		
UNIT SIZE	45 TONS	50 TONS
CONDENSATE (PVC)	1 1/2	1 1/2
GAS (MNPT)	2	2
GAS CONDENSATE (PVC)	1	1
DISCHARGE LINE CIRCUIT A (CU)	1 1/8	1 1/8
LIQUID LINE CIRCUIT A (CU)	3/4	7/8
DISCHARGE LINE CIRCUIT B (CU)	1 1/8	1 1/8
LIQUID LINE CIRCUIT B (CU)	7/8	7/8
POOL WATER LINE CIRCUIT A (CPVC)	1	2
POOL WATER LINE CIRCUIT B (CPVC)	2	2
COOLING LOOP (CU)	2 1/2	3

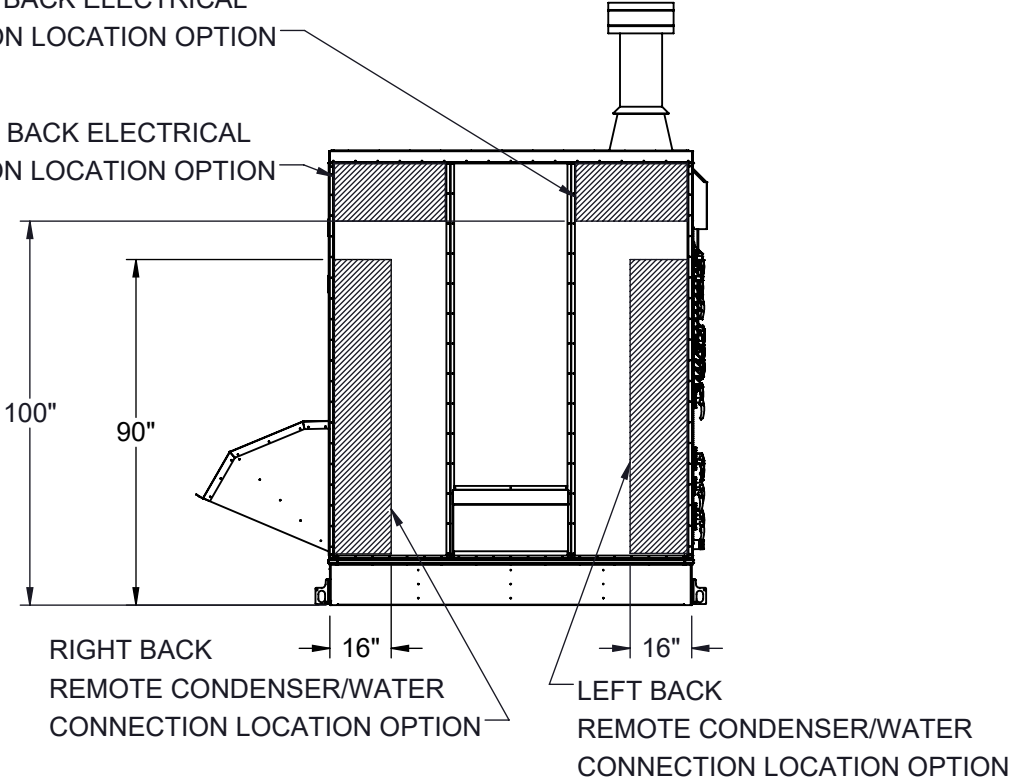
BOTTOM POOL WATER
CONNECTION LOCATION OPTION



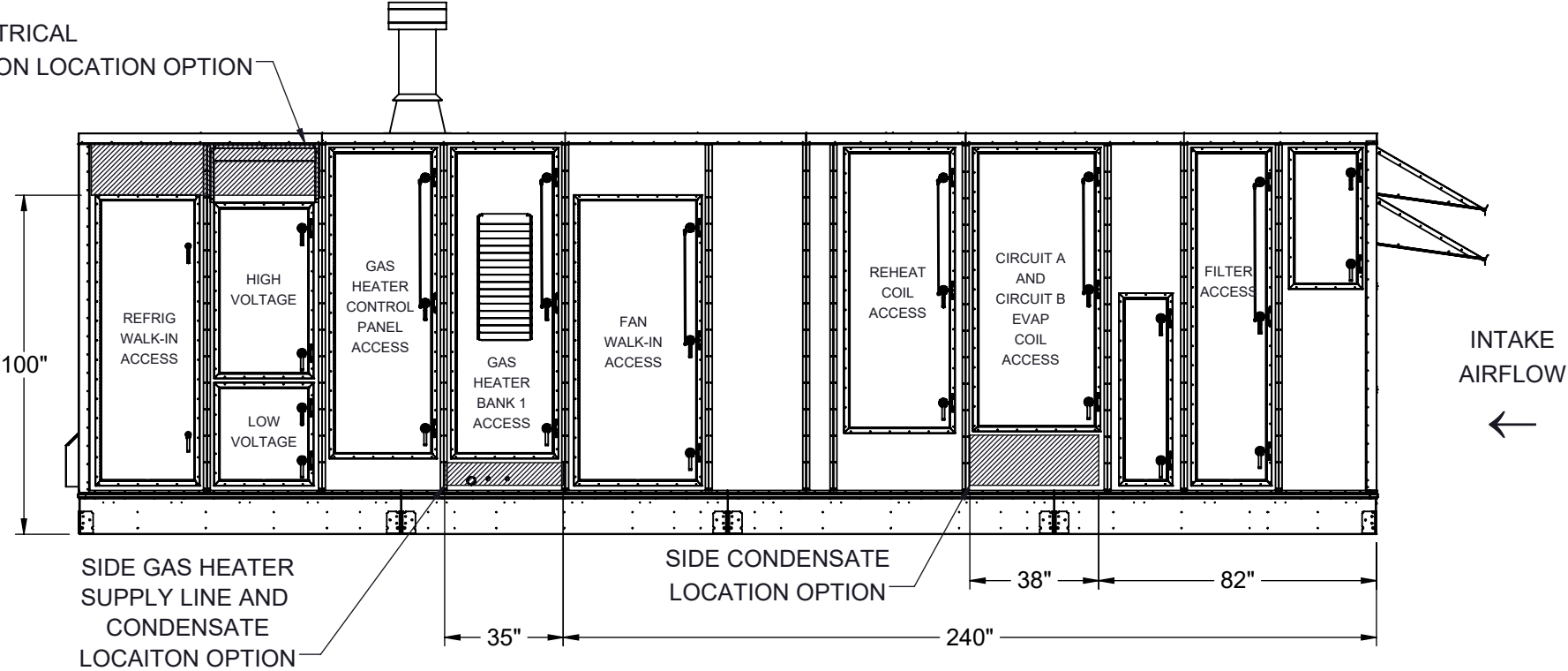
BACK CONNECTIONS VIEW
(NO ORIENTATION CHANGE FOR RH OR LH ACCESS)

LH ACCESS BACK ELECTRICAL
CONNECTION LOCATION OPTION

RH ACCESS BACK ELECTRICAL
CONNECTION LOCATION OPTION



SIDE ELECTRICAL
CONNECTION LOCATION OPTION



NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES
LEFT HAND ACCESS SHOWN IN ALL VIEWS
RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED

FILTER INFORMATION						
UNIT SIZE	OA QTY	OA SIZE	REPLACEMENT PART NUMBER	RA QTY	RA SIZE	REPLACEMENT PART NUMBER
45-50 TONS	10	18 X 24 X 4	870-056	10	18 X 24 X 4	870-056

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TOLERANCE ± 1/8"

All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified



Third Angle Projection

Part weight

Tolerance Unless
Otherwise Specified
X.X ±.125
X.XX ±.060
X.XXX ±.030
Angles ±1°

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ASV
Date Released
1/19/2018

Sheet
2/10

Scale
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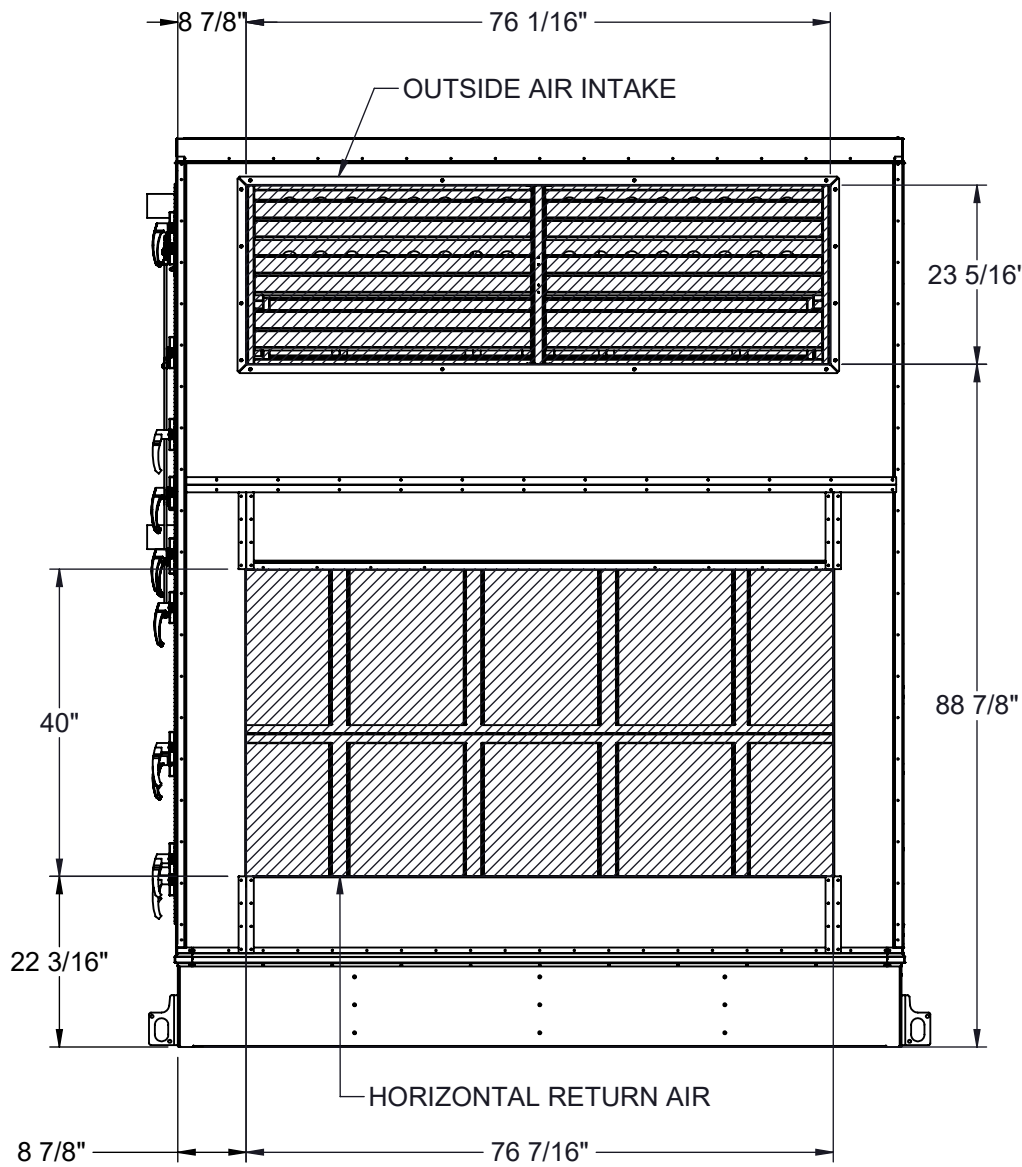
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Description
SP 40-50 TON SPLIT SINGLE GAS

Page Title
CUSTOMER INTERFACE GA

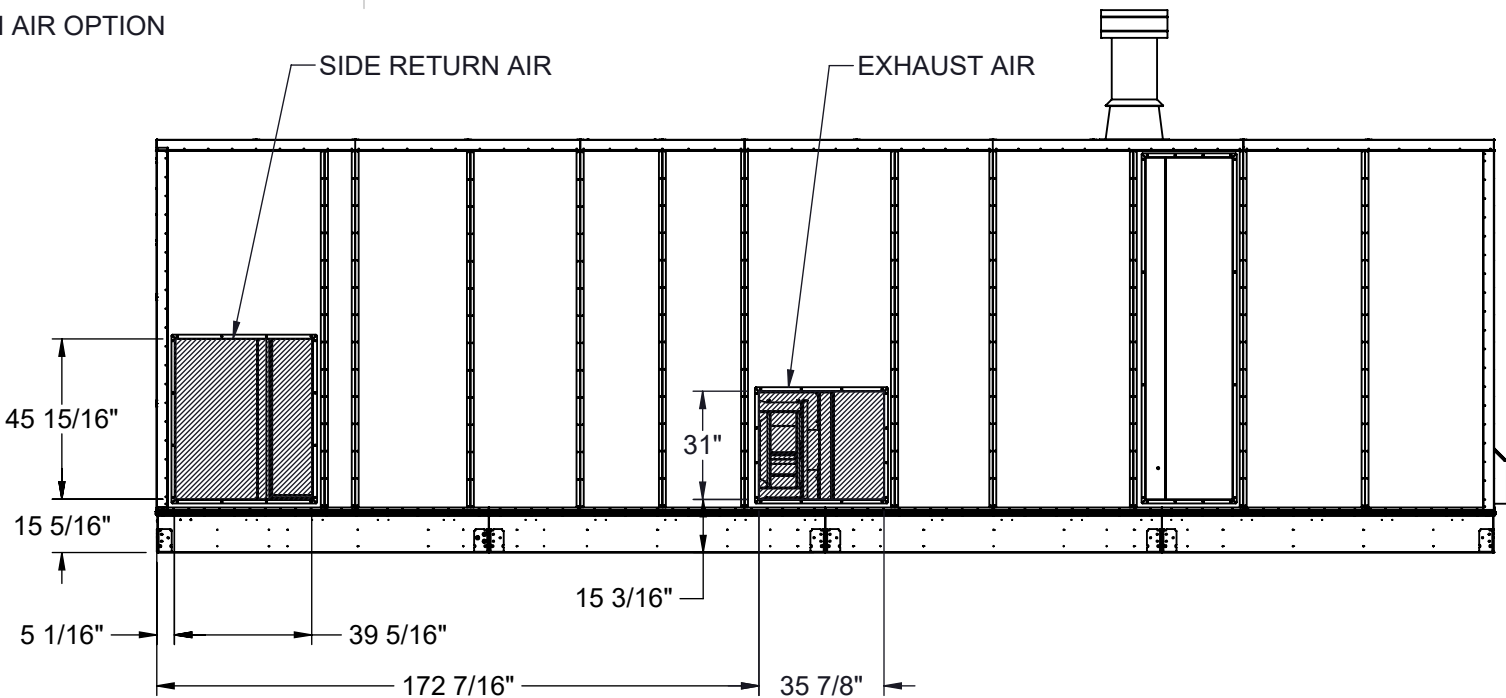
Drawing Number
G1000-113

HORIZONTAL RETURN AIR OPTION
(INTAKE VIEW)



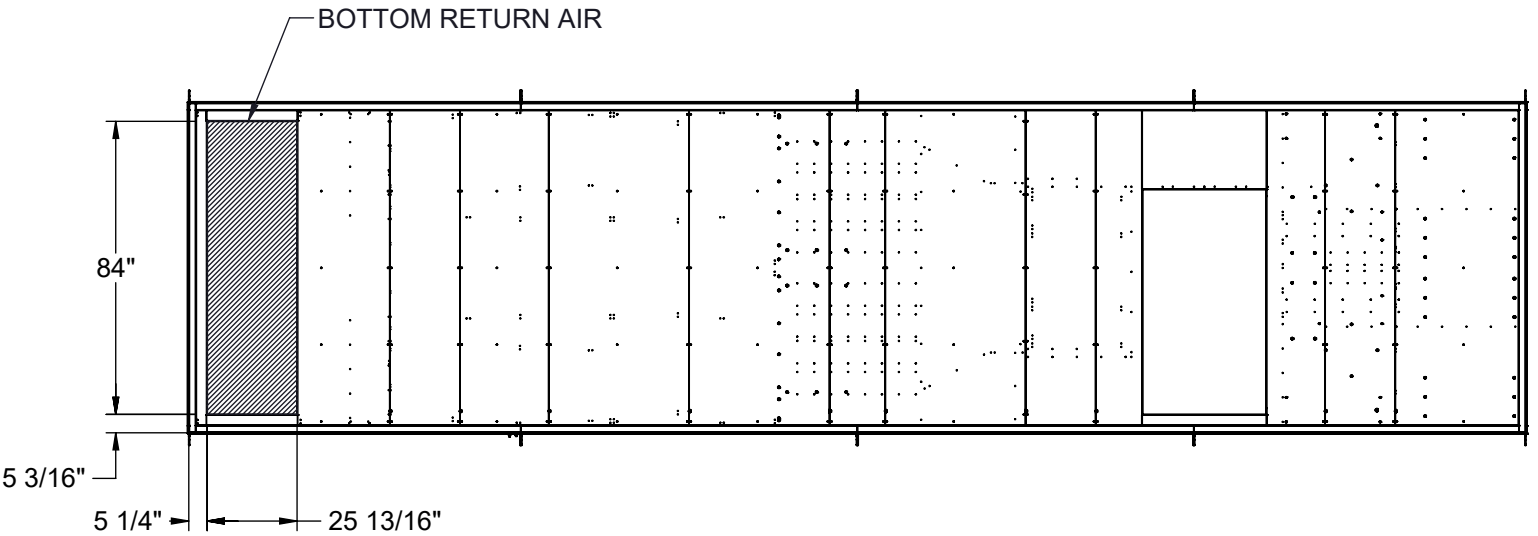
SIDE RETURN AIR OPTION
(SIDE VIEW)

INTAKE



BOTTOM RETURN AIR OPTION
(VIEW FROM ABOVE)

INTAKE



NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES
HOODS REMOVED FOR CLARITY
ACCESS SIDE RETURN AIR OPTION WILL SHIFT FILTER SECTION DOORS TO NON-ACCESS SIDE
OUTSIDE AIR INTAKE LOCATED IN THE SAME POSITION REGARDLESS OF OPTIONS

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All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified



Third Angle Projection

Part weight

Tolerance Unless
Otherwise Specified
X.X $\pm .125$
X.XX $\pm .060$
X.XXX $\pm .030$
Angles $\pm 1^\circ$

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Date Released
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Sheet
3/10

Scale
NTS



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Description
SP 40-50 TON SPLIT SINGLE GAS

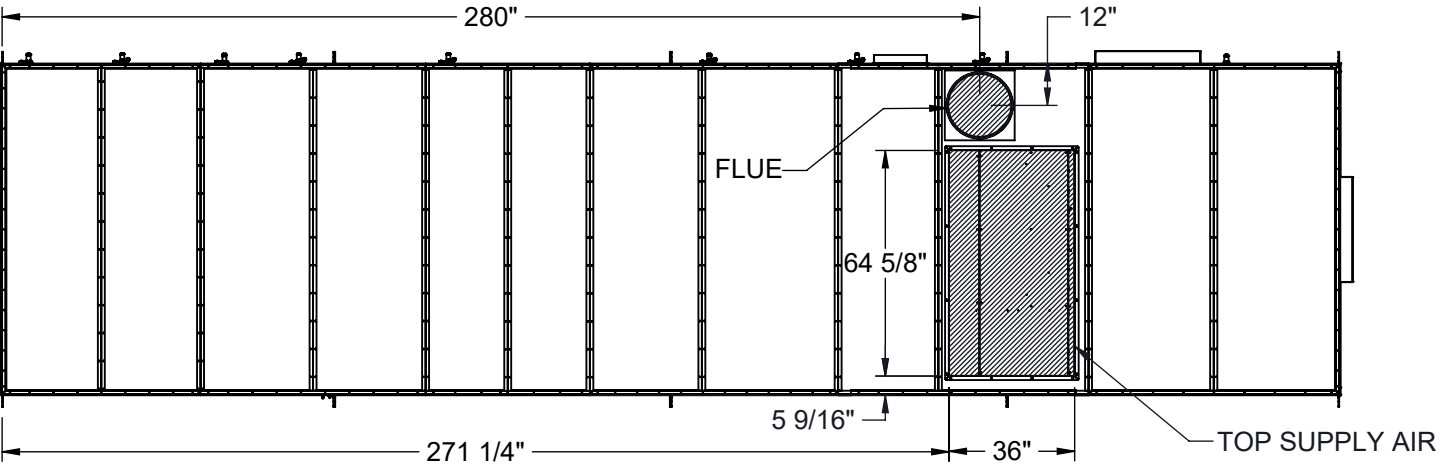
Page Title
INTAKE OPTIONS GA

Drawing Number
G1000-113

HORIZONTAL SUPPLY OPTION
LEFT HAND ACCESS OPTION ONLY
REFER TO PAGE 5 FOR RIGHT HAND ACCESS
(BACK VIEW)

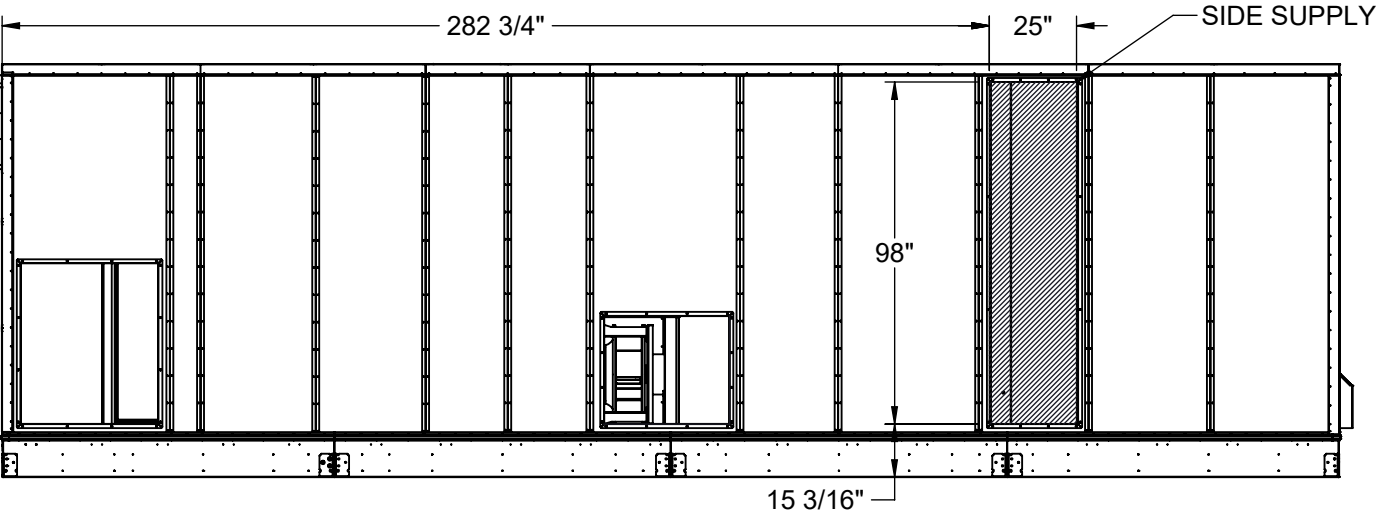
TOP SUPPLY OPTION
LEFT HAND ACCESS OPTION ONLY
REFER TO PAGE 5 FOR RIGHT HAND ACCESS
(TOP VIEW)

INTAKE



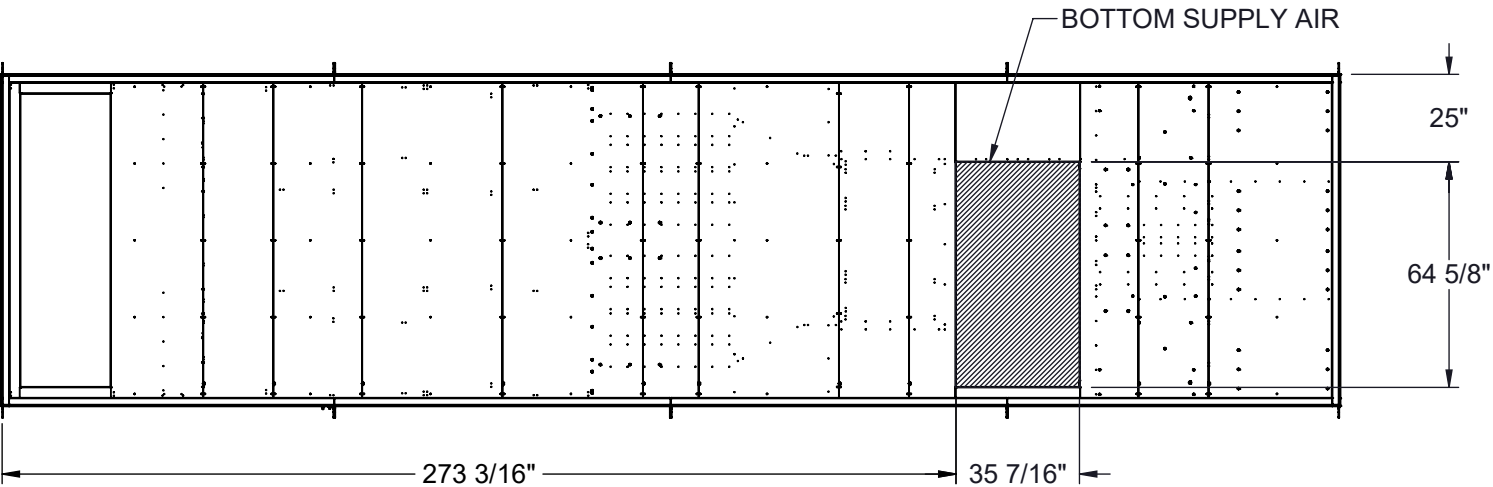
SIDE SUPPLY OPTION
LEFT HAND ACCESS OPTION ONLY
REFER TO PAGE 5 FOR RIGHT HAND ACCESS
(RIGHT SIDE VIEW)

INTAKE



BOTTOM SUPPLY OPTION
LEFT HAND ACCESS OPTION ONLY
REFER TO PAGE 5 FOR RIGHT HAND ACCESS
(VIEW FROM ABOVE)

INTAKE



NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES
LEFT HAND ACCESS SHOWN IN ALL VIEWS UNLESS OTHERWISE SPECIFIED
RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED
HOODS REMOVED FOR CLARITY

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All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified



Third Angle Projection

Part weight

Tolerance Unless
Otherwise Specified
X.X $\pm .125$
X.XX $\pm .060$
X.XXX $\pm .030$
Angles $\pm 1^\circ$

Drawn
ASV
Date Released
1/19/2018

Sheet
4/10

Scale
NTS



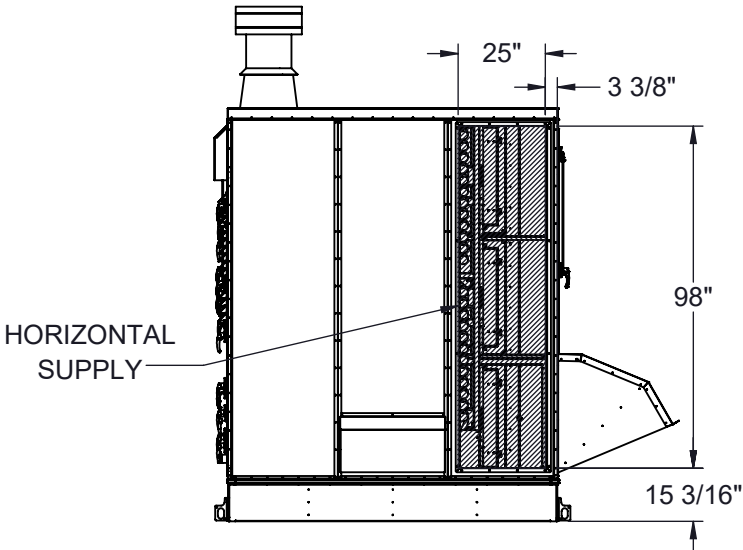
N120 W18485 FREISTADT RD
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Description
SP 40-50 TON SPLIT SINGLE GAS

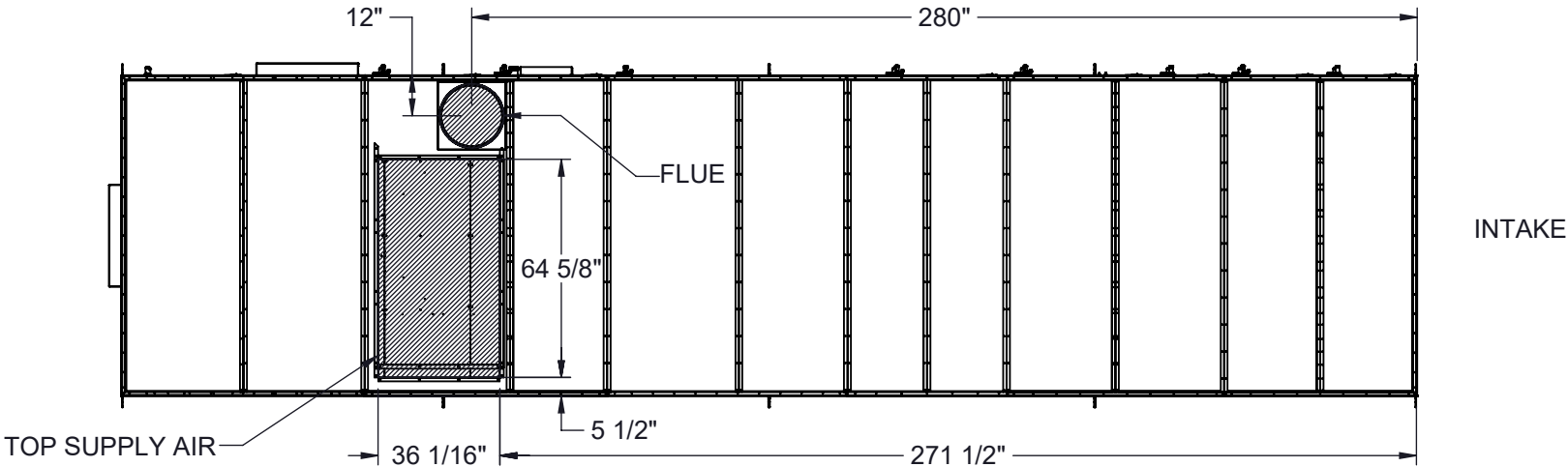
Page Title
LH ACCESS DISCH OPTIONS GA

Drawing Number
G1000-113

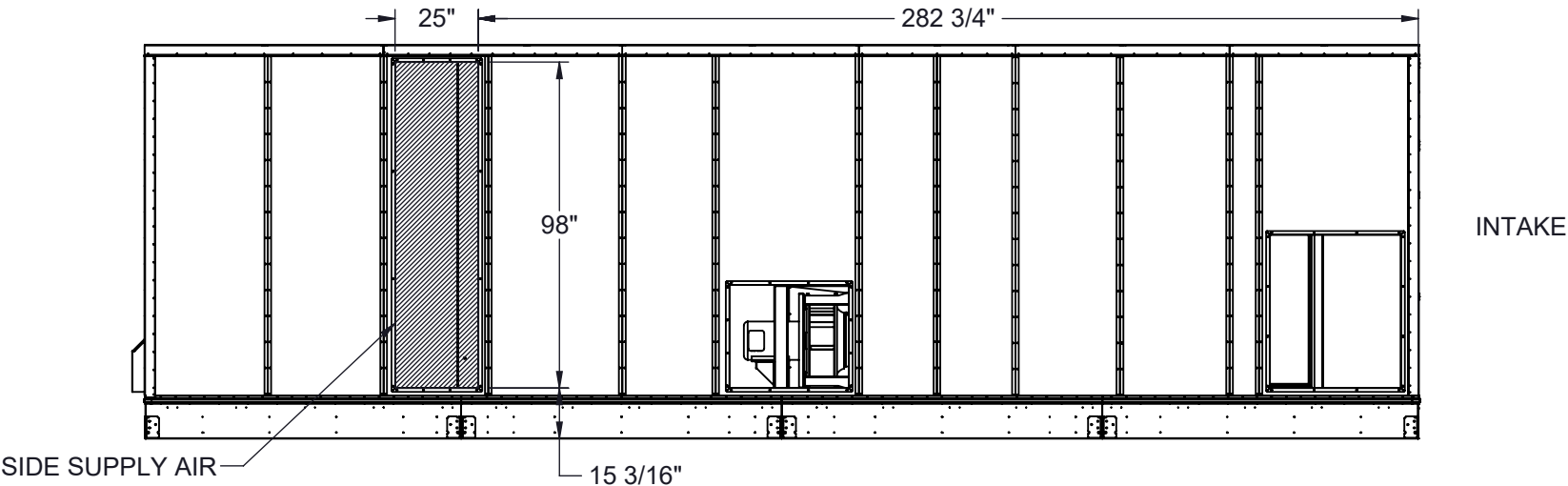
HORIZONTAL SUPPLY OPTION
RIGHT HAND ACCESS OPTION ONLY
REFER TO PAGE 4 FOR LEFT HAND ACCESS
(BACK VIEW)



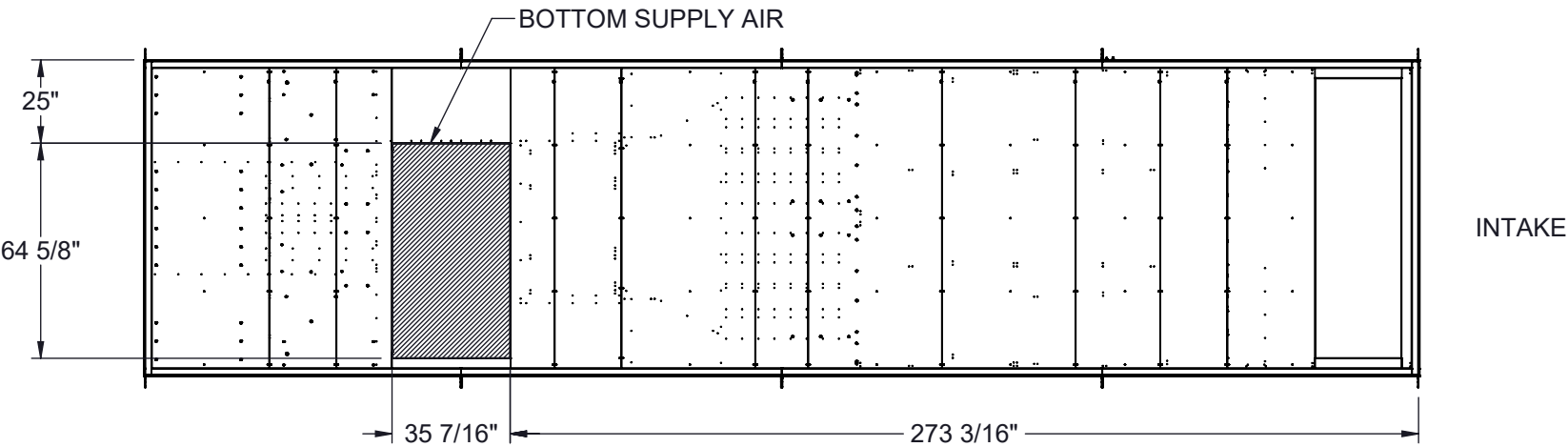
TOP SUPPLY OPTION
RIGHT HAND ACCESS OPTION ONLY
REFER TO PAGE 4 FOR LEFT HAND ACCESS
(TOP VIEW)



SIDE SUPPLY OPTION
RIGHT HAND ACCESS OPTION ONLY
REFER TO PAGE 4 FOR LEFT HAND ACCESS
(LEFT SIDE VIEW)



BOTTOM SUPPLY OPTION
RIGHT HAND ACCESS OPTION ONLY
REFER TO PAGE 4 FOR LEFT HAND ACCESS
(VIEW FROM ABOVE)



NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES
LEFT HAND ACCESS SHOWN IN ALL VIEWS UNLESS OTHERWISE SPECIFIED
RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED
HOODS REMOVED FOR CLARITY

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All outside corners 0.125" fillet
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Third Angle Projection

Part weight

Tolerance Unless
Otherwise Specified
X.X $\pm .125$
X.XX $\pm .060$
X.XXX $\pm .030$
Angles $\pm 1^\circ$

Drawn
ASV
Date Released
1/19/2018

Sheet
5/10

Scale
NTS

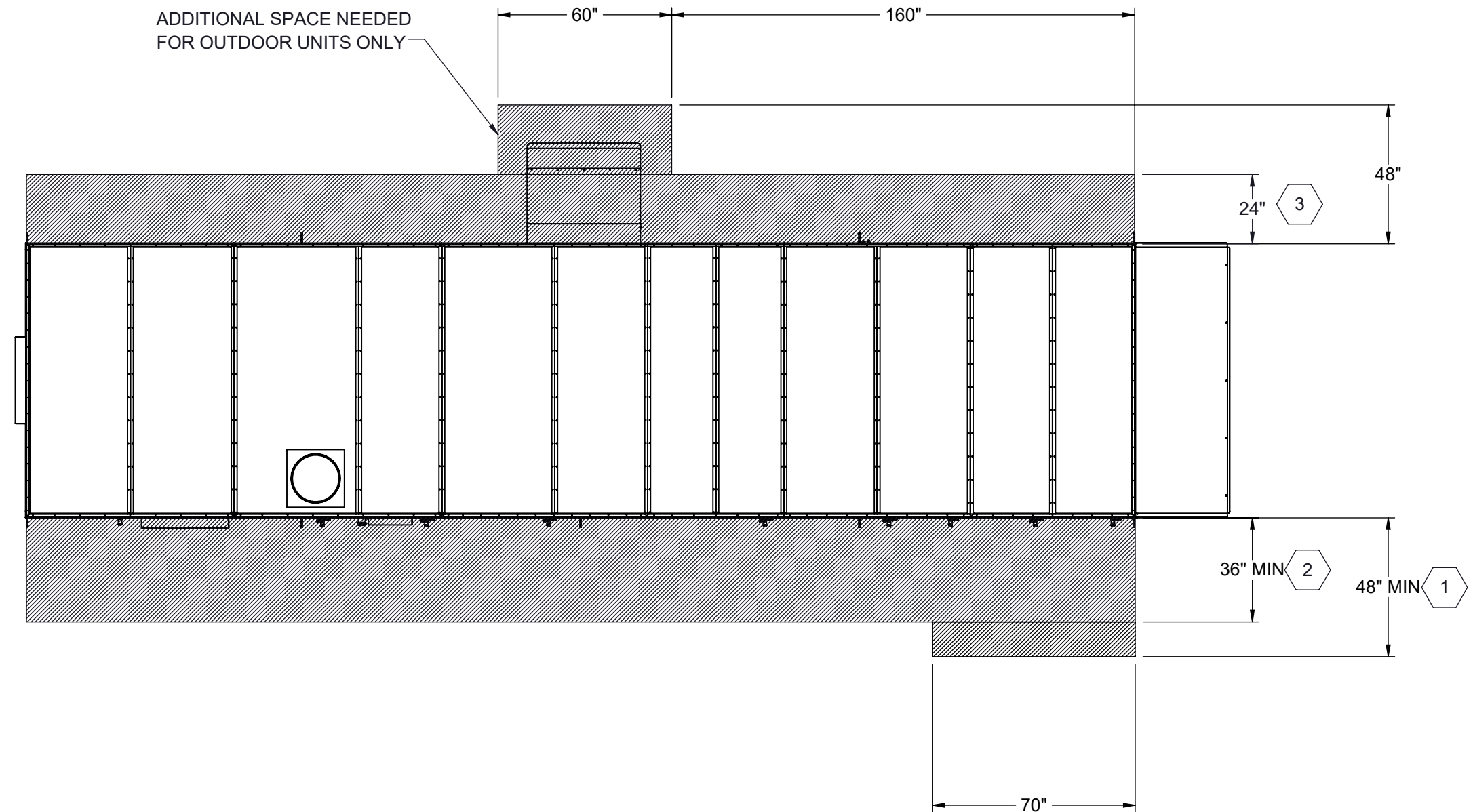


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Description
SP 40-50 TON SPLIT SINGLE GAS

Page Title
RH ACCESS DISCH OPTIONS GA

Drawing Number
G1000-113




1 96" RECOMMENDED FOR FILTER ACCESS.

2 120" CLEARANCE ON ACCESS SIDE RECOMMENDED FOR FAN AND COIL SERVICE

3 REQUIRED FOR ASSEMBLY OF SECTIONED UNITS ONLY

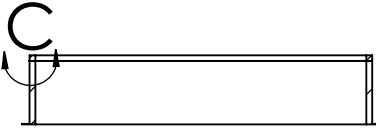
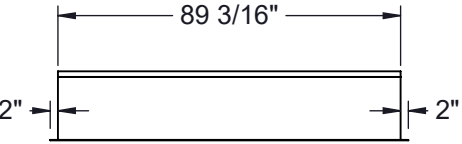
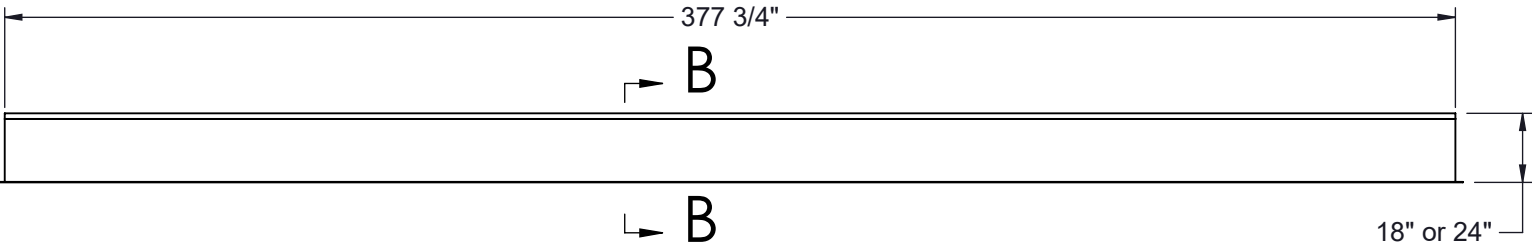
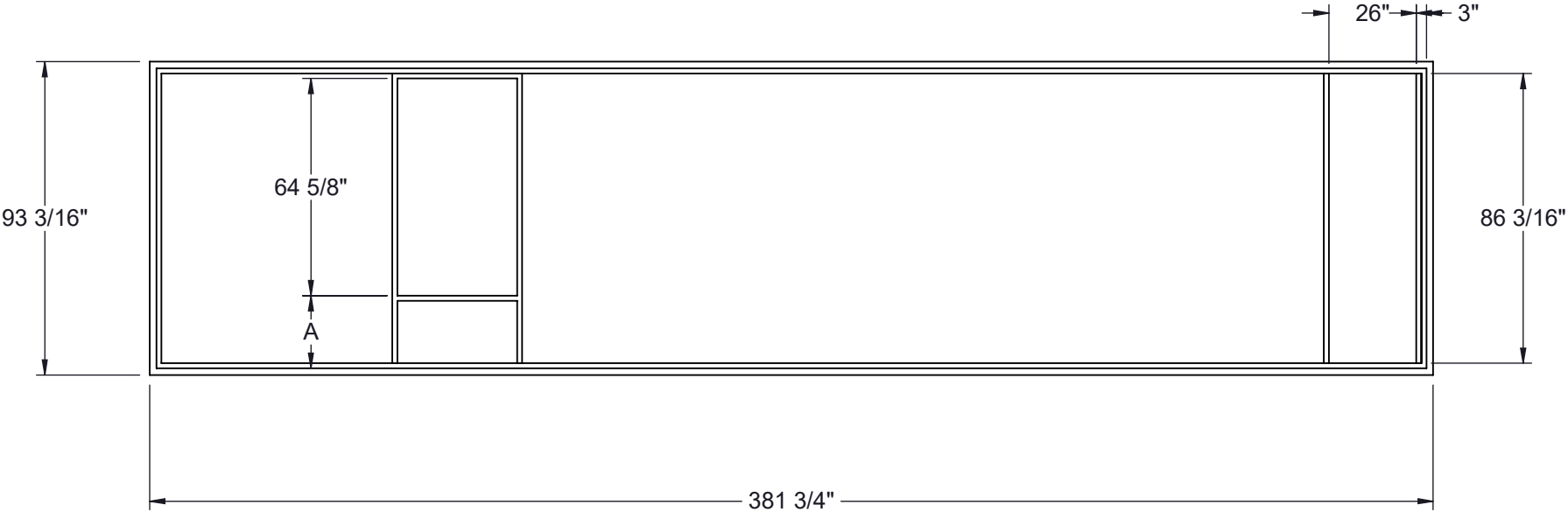
NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES
LEFT HAND ACCESS SHOWN IN ALL VIEWS
RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED

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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"		Third Angle Projection		Drawn ASV	Date Released 1/19/2018	Description SP 40-50 TON SPLIT SINGLE GAS	
Part weight				Sheet 6/10		Page Title UNIT CLEARANCE GA	
				Scale NTS	Rev. 1	Drawing Number G1000-113	

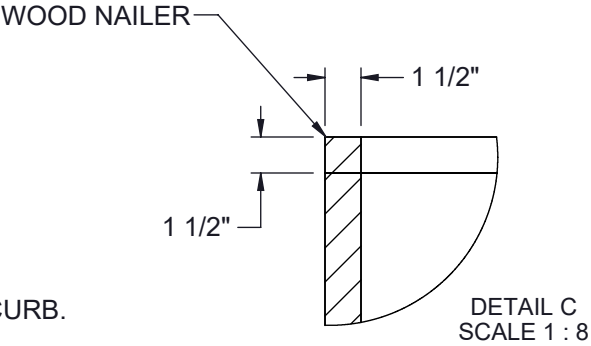
NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES

- 1. 14 GA GALVANIZED STEEL CONSTRUCTION
- 2. PRIME PAINTED AFTER FABRICATION
- 3. PRESSURE TREATED WOOD NAILERS
- 4. 1-1/2" THICK 3LB/FT^3 FIBERGLASS PERIMETER INSULATION
- 5. INTERNAL ANGLE REINFORCEMENT
- 6. CURB TO BE SHIPPED KNOCKED DOWN

UNIT TON	ACCESS	18" CURB	24" CURB	A
40-50	RIGHT HAND	CB-50NGR2-18	CB-50NGR2-24	3
40-50	LEFT HAND	CB-50NGL2-18	CB-50NGL2-24	21 9/16



SECTION B-B



NUMBER AND LOCATION OF CROSS SUPPORTS IS DEPENDANT UPON THE GUAGE OF MATERIAL USED TO CONSTRUCT THE CURB, DUCT SUPPORT CONFIGURATION LENGTH OF CURB, AND WIDTH OF CURB. INSTALLATION INSTRUCTIONS INCLUDED WITH CURB SHIPMENT INDICATE THE REQUIRED POSITION FOR FIELD ASSEMBLED CURBS.

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TOLERANCE ± 1/8"

All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified

Third Angle Projection

Part weight

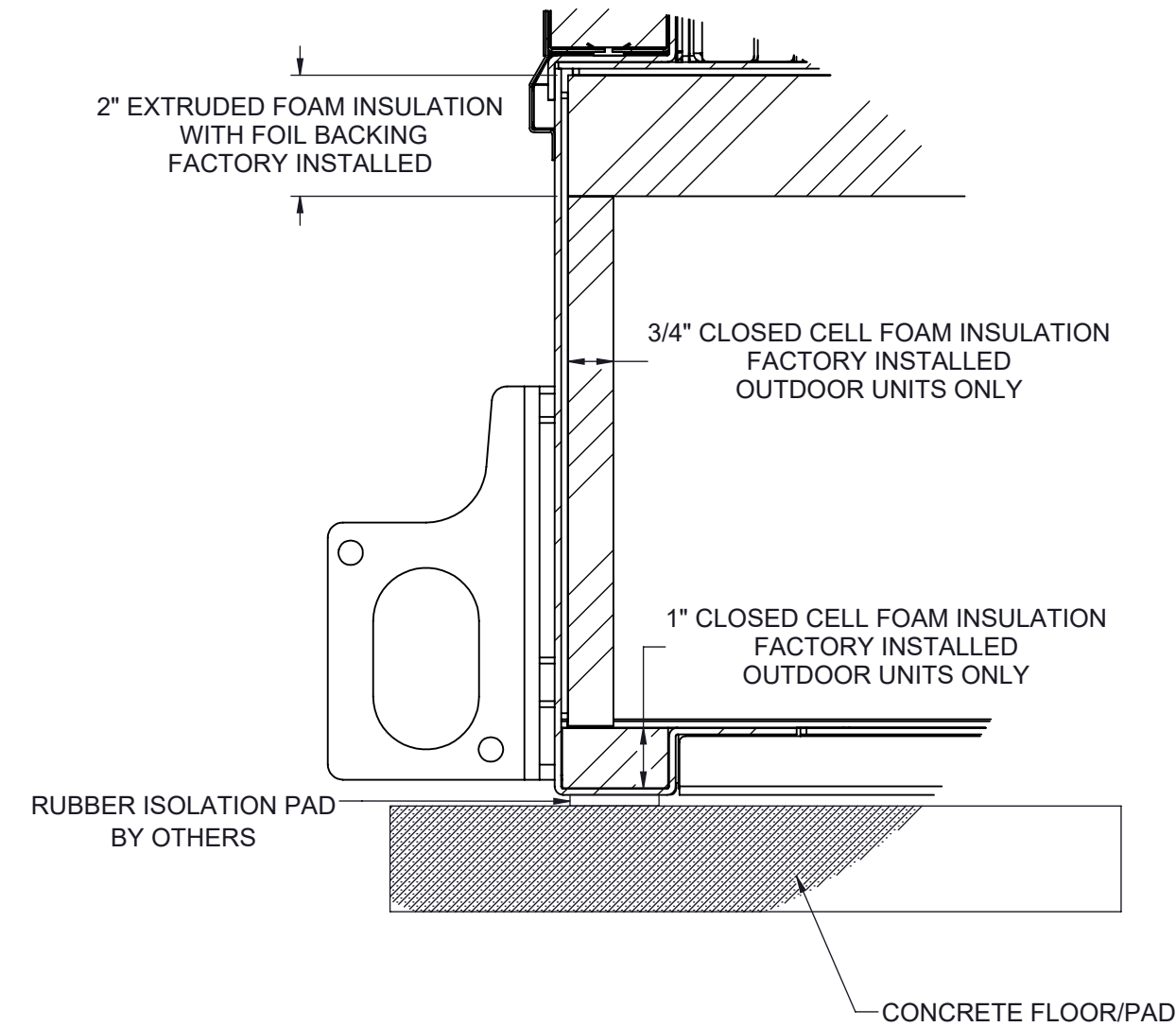
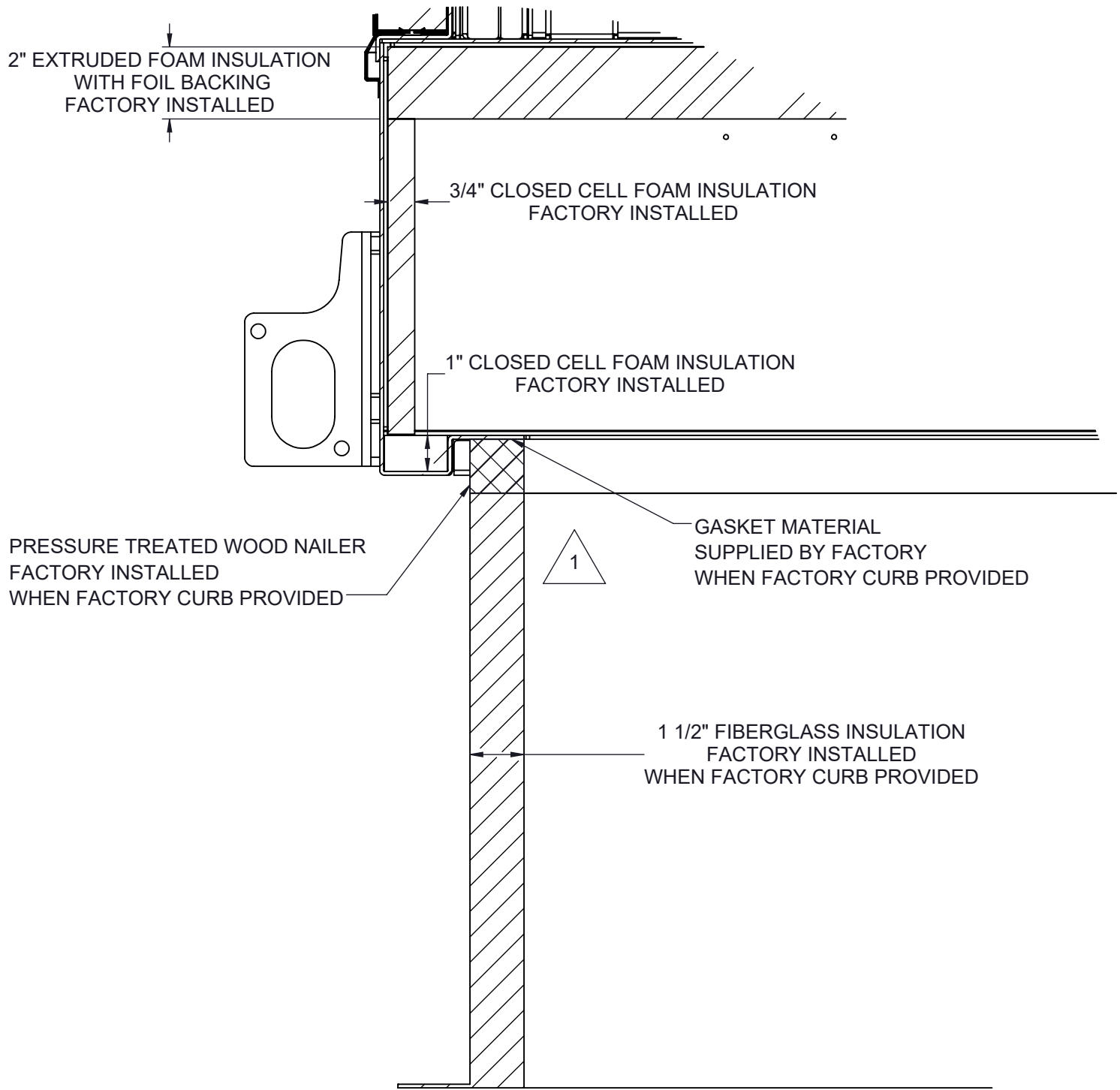
Tolerance Unless Otherwise Specified	
X.X	±.125
X.XX	±.060
X.XXX	±.030
Angles	±1°

Drawn	Date Released	Description
ASV	1/19/2018	SP 40-50 TON SPLIT SINGLE GAS
Sheet	7/10	Page Title
Scale	NTS	Drawing Number
	1	G1000-113

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CURB MOUNT

PAD MOUNT



1 ALL EXPOSED METAL TO BE SPRAY FOAM INSULATION AFTER INSTALLATION

NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES
SEE SHEET 6 NOTES FOR CURB SPECIFICATIONS

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All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified

Third Angle Projection

Part weight

Tolerance Unless
Otherwise Specified
X.X $\pm .125$
X.XX $\pm .060$
X.XXX $\pm .030$
Angles $\pm 1^\circ$

Drawn
ASV
Date Released
1/19/2018

Sheet
8/10

Scale
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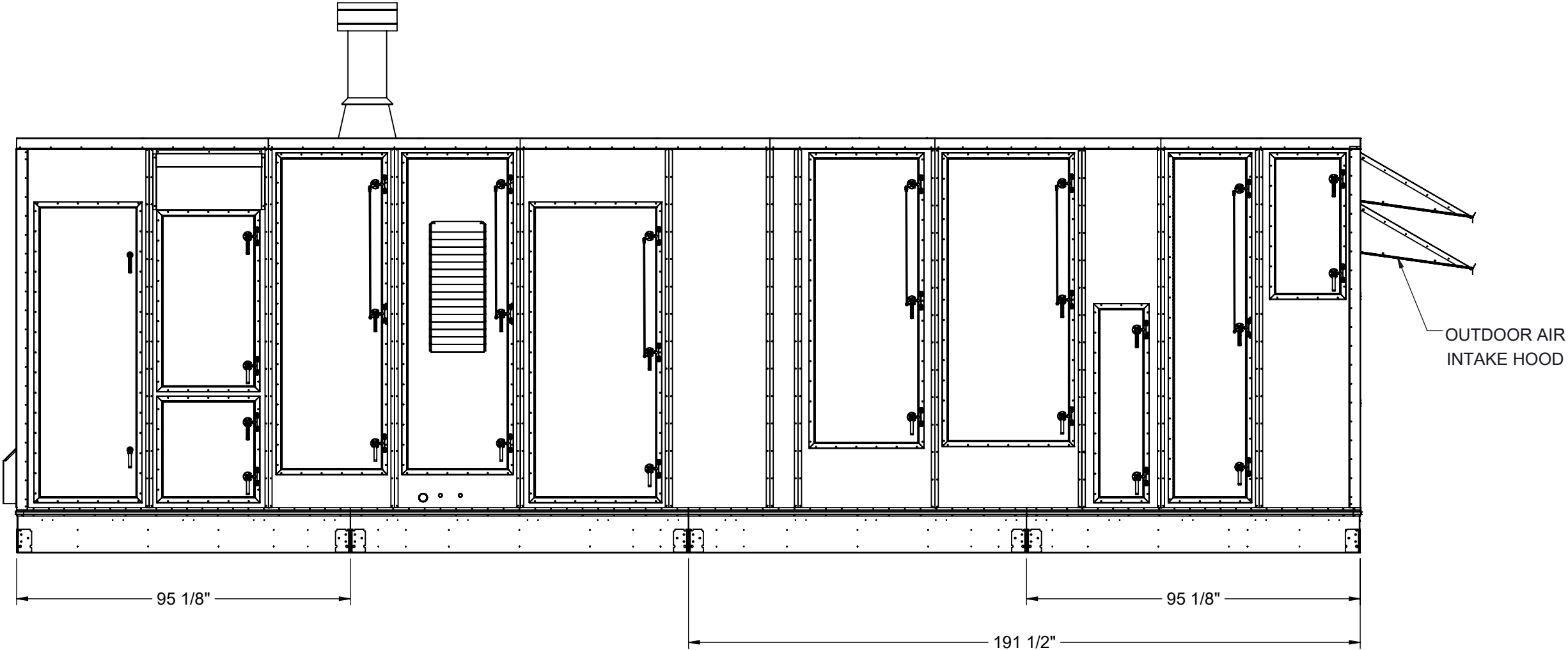
Description
SP 40-50 TON SPLIT SINGLE GAS

Page Title
MOUNTING DETAILS GA

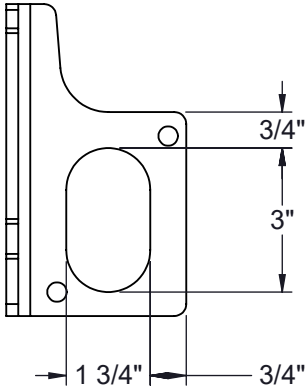
Drawing Number
G1000-113

SHIP LOOSE ITEMS		
FLUE		
DA PART NO	DESCRIPTION	QTY
515-059	B-VENT 12" X 36"	1
515-058	FLASHING 12"	1
525-057	VENT CAP 12"	1
515-056	COLLAR 12"	1

SHIP LOOSE ITEMS		
EXHAUST HOOD		
DA PART NO	DESCRIPTION	QTY
HOOD	EXHAUST ASSEMBLY	1
807-023	SCREW #8-18X1/2 SS	36
990-105	CAULK WHITE	1



LUG DETAIL



NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES AND HOOD DETAILS

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All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified

Tolerance Unless Otherwise Specified
X.X ±.125
X.XX ±.060
X.XXX ±.030
Angles ±1°

Third Angle Projection

Part weight

Drawn
ASV

Sheet

Scale
NTS

Date Released
1/19/2018

Rev.
1

Description
SP 40-50 TON SPLIT SINGLE GAS

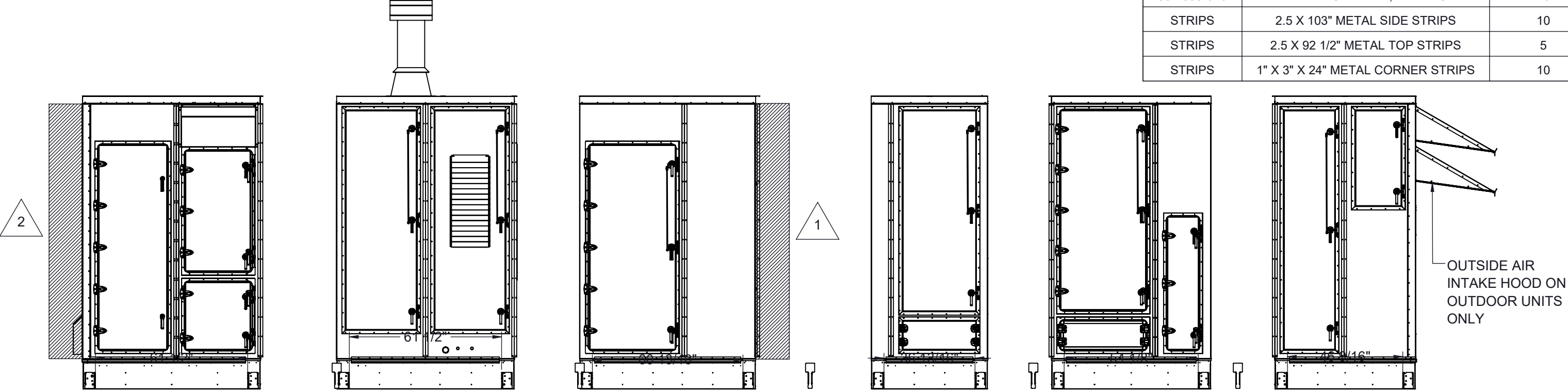
Page Title
SHIPPING/LIFTING DETAILS GA

Drawing Number
G1000-113

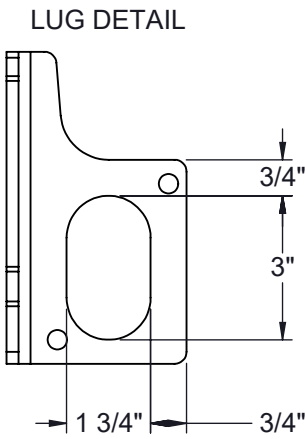
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Fax: (262) 946-7401

G1000-113	SHIP LOOSE ITEMS			SHIP LOOSE ITEMS			SHIP LOOSE ITEMS		
	FLUE			EXHAUST HOOD			SECTION ITEMS		
	DA PART NO	DESCRIPTION	QTY	DA PART NO	DESCRIPTION	QTY	DA PART NO	DESCRIPTION	QTY
	515-059	B-VENT 12" X 36"	1	HOOD	EXHAUST ASSEMBLY	1	807-007	BOLT 3/8-16X1 SS	20
	515-058	FLASHING 12"	1	807-023	SCREW #8-18X1/2 SS	36	807-008	WASHER 3/8 FLAT SS	20
	525-057	VENT CAP 12"	1	990-105	CAULK WHITE	1	807-009	WASHER LOCK SPLIT 3/8 SS	20
	515-056	COLLAR 12"	1				807-010	NUT 3/8-16 SS	20

SHIPPING AND LIFTING DETAILS FOR MULTI-SECTION CONSTRUCTION OPTION ONLY




NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES AND HOOD DETAILS
UNIT SHIPPED IN SIX SECTIONS SEE I/O MANUAL FOR ASSEMBLY DETAILS



- 1

BACKDRAFT DAMPER OPTION ADDS AN ADDITIONAL 9" TO FAN SECTION LENGTH
- 2

REMOTE CONDENSER/WATER CONNECTIONS WILL ADD AN ADDITIONAL MAXIMUM OF 8" TO LENGTH

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Third Angle Projection		Drawn ASV		Date Released 1/19/2018		Description SP 40-50 TON SPLIT SINGLE GAS	
Part weight		Sheet 10/10		Scale NTS		Page Title SECTIONED LIFTING DETAILS GA	
ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"		Rev. 1		Drawing Number G1000-113			