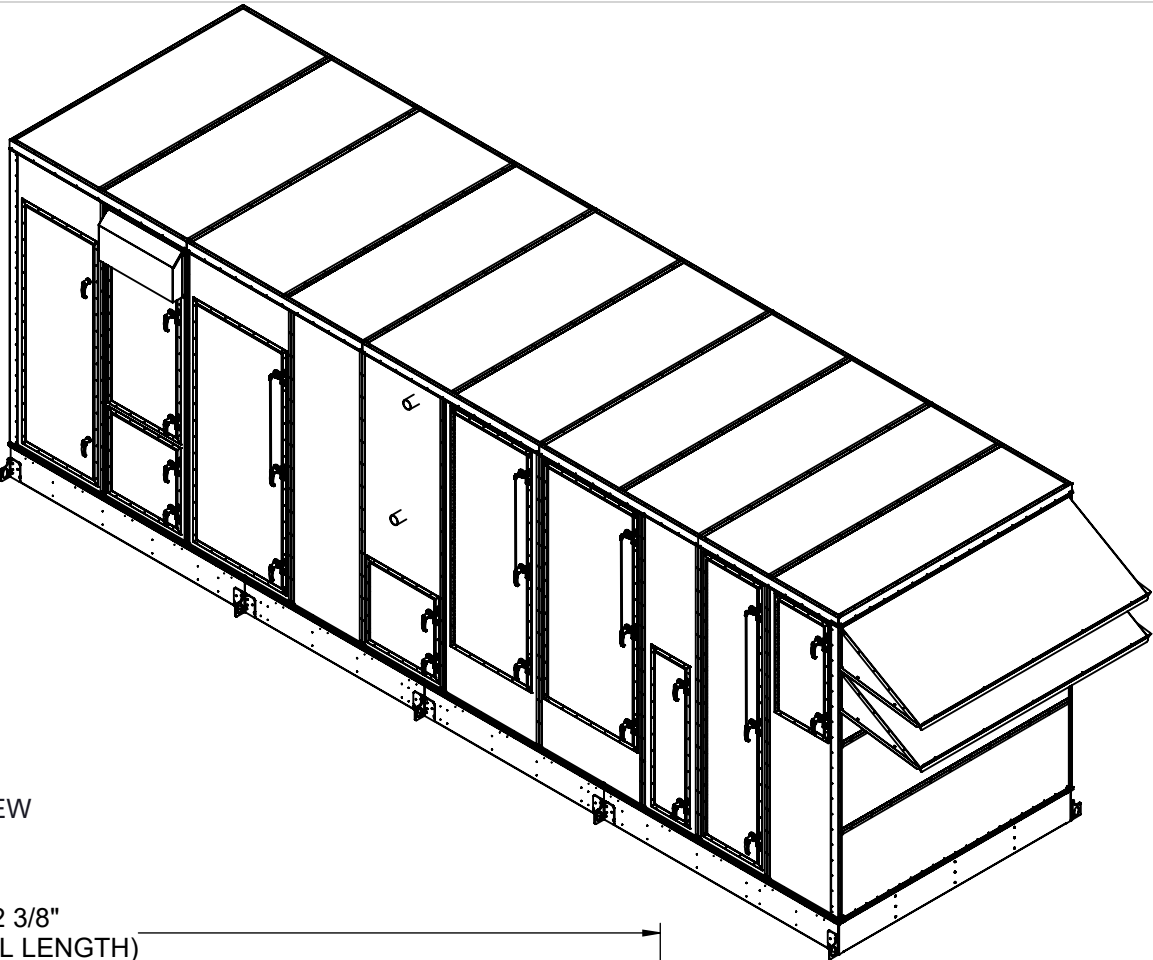
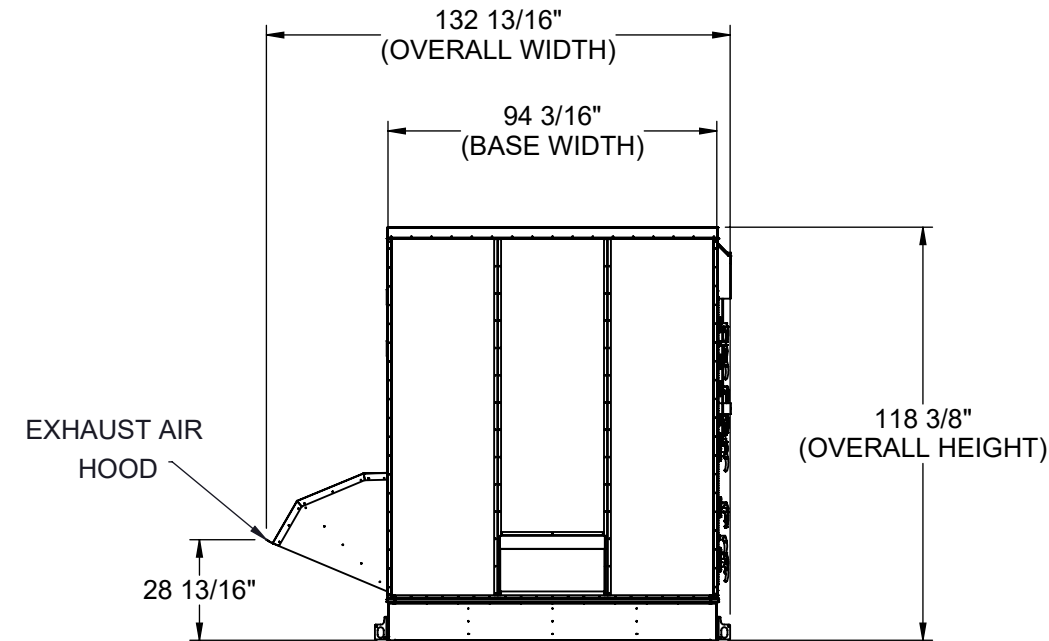


GENERAL NOTES FOR APPLICABLE SHEETS:

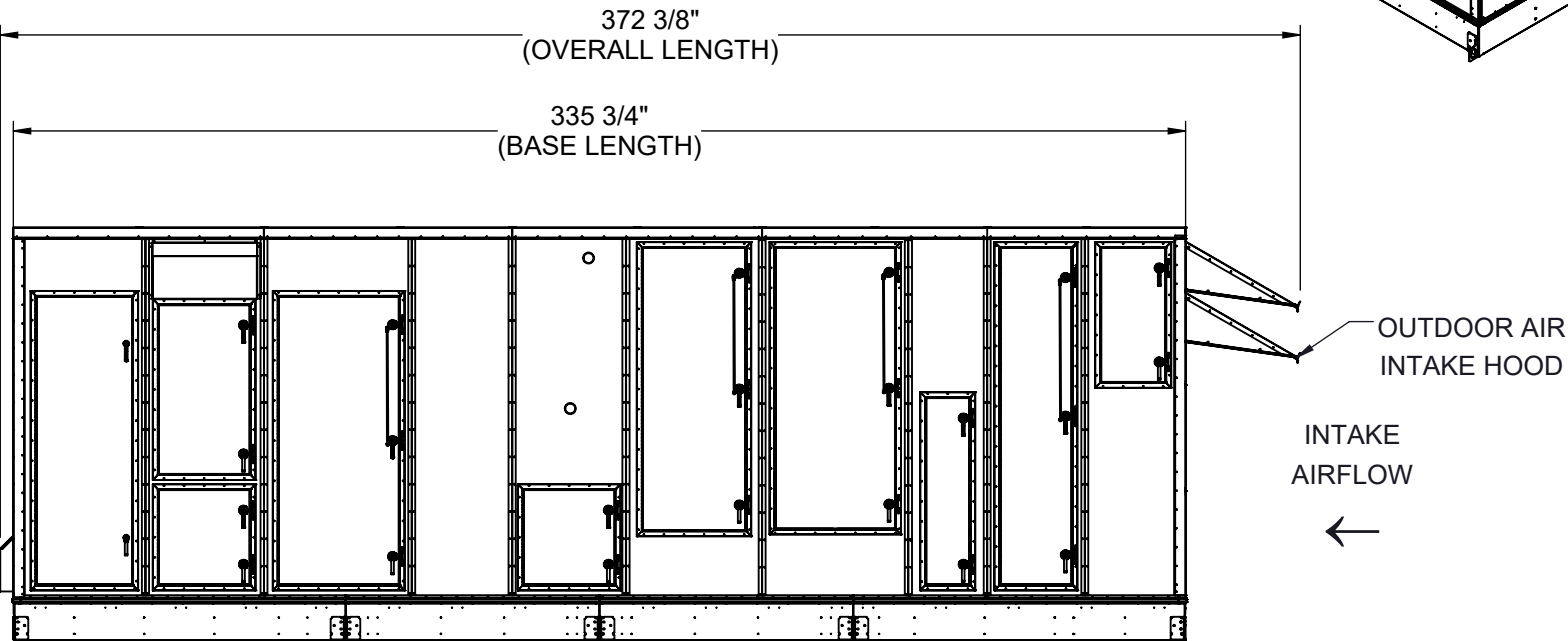
LEFT HAND ACCESS SHOWN IN ALL VIEWS
RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED
WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT



BACK VIEW



LEFT SIDE VIEW



UNIT SIZE	ESTIMATED WEIGHT (lbs.)
45-50 TONS	15500

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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 $\pm 1^\circ$

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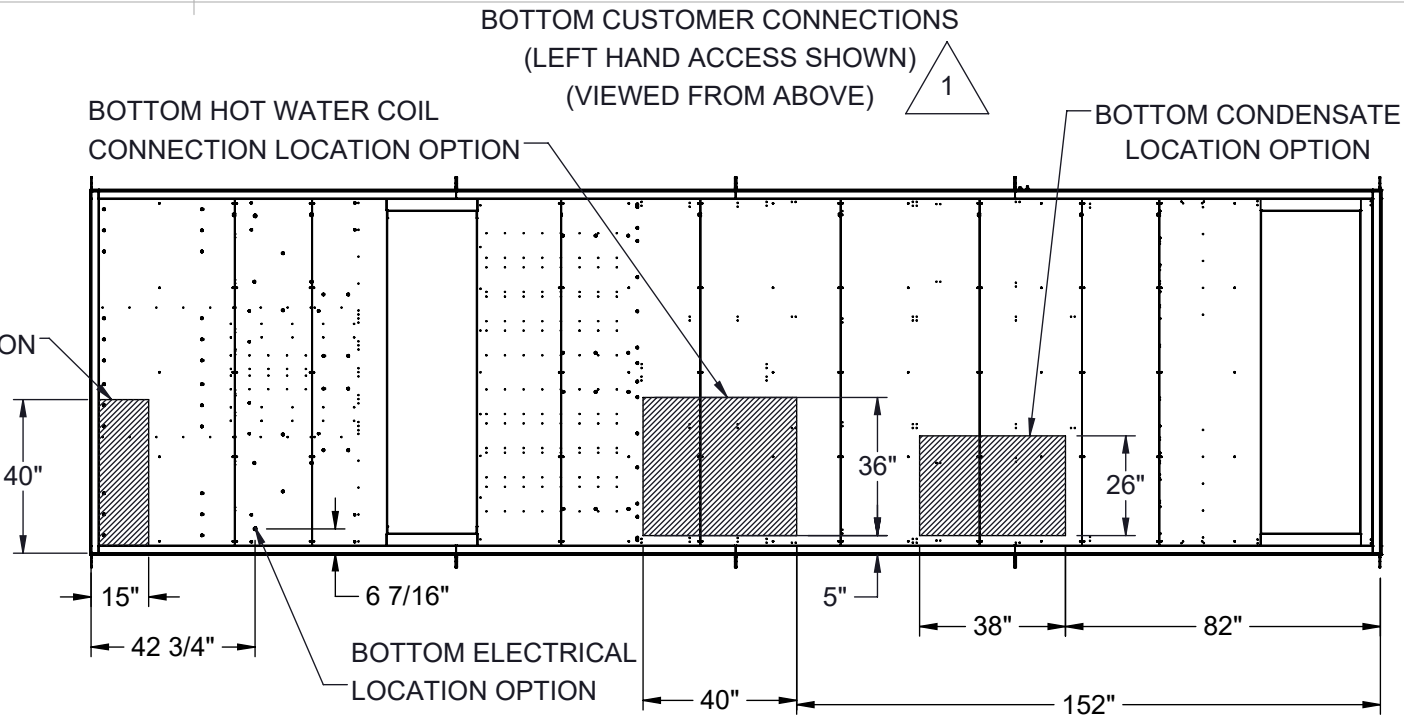
Description
SP 40-50 TON SPLIT HWC

Page Title
GENERAL ARRANGEMENT

Drawing Number
G1000-105

CUSTOMER CONNECTION LINE SIZE (in.)		
UNIT SIZE	45 TONS	50 TONS
CONDENSATE (PVC)	1 1/2	1 1/2
HOT WATER COIL (CU)	3	3
POOL WATER LINE CIRCUIT A (CPVC)	1	2
POOL WATER LINE CIRCUIT B (CPVC)	2	2
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
COOLING LOOP (CU)	2 1/2	3

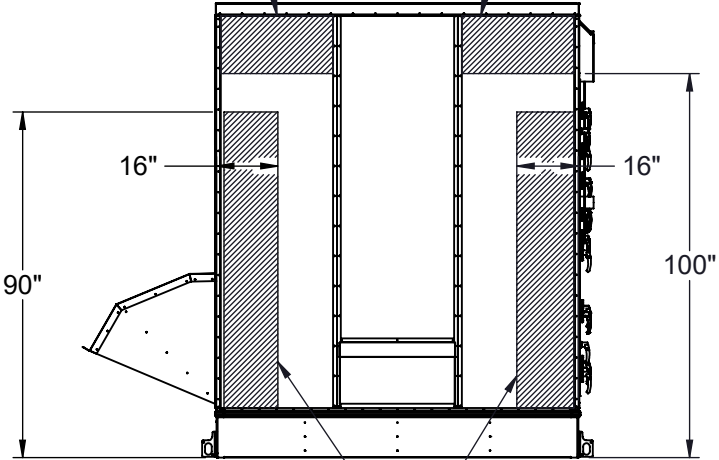
BOTTOM POOL WATER
CONNECTION LOCATION OPTION



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

RH ACCESS BACK ELECTRICAL
CONNECTION LOCATION OPTION

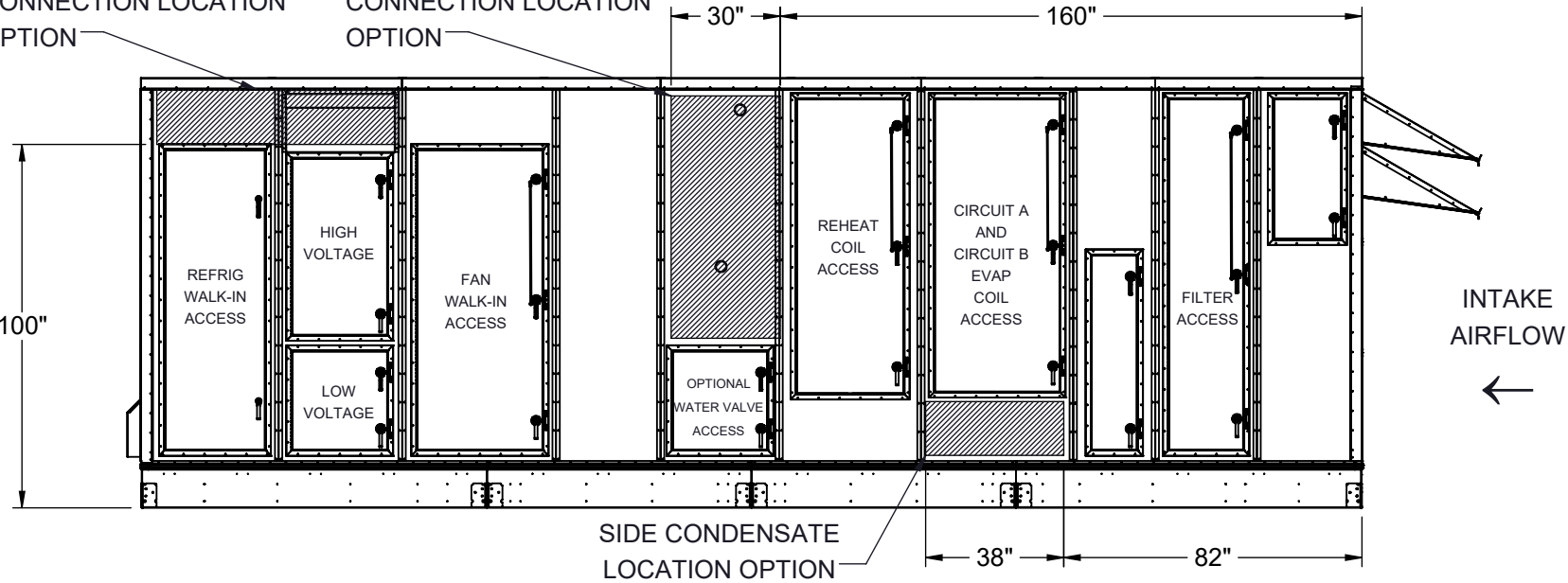
LH ACCESS BACK ELECTRICAL
CONNECTION LOCATION OPTION



LEFT SIDE CONNECTION VIEW
(LEFT HAND ACCESS SHOWN)

SIDE ELECTRICAL
CONNECTION LOCATION
OPTION

SIDE HOT WATER COIL
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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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 $\pm 1^\circ$

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ASV
Date Released
1/19/2018

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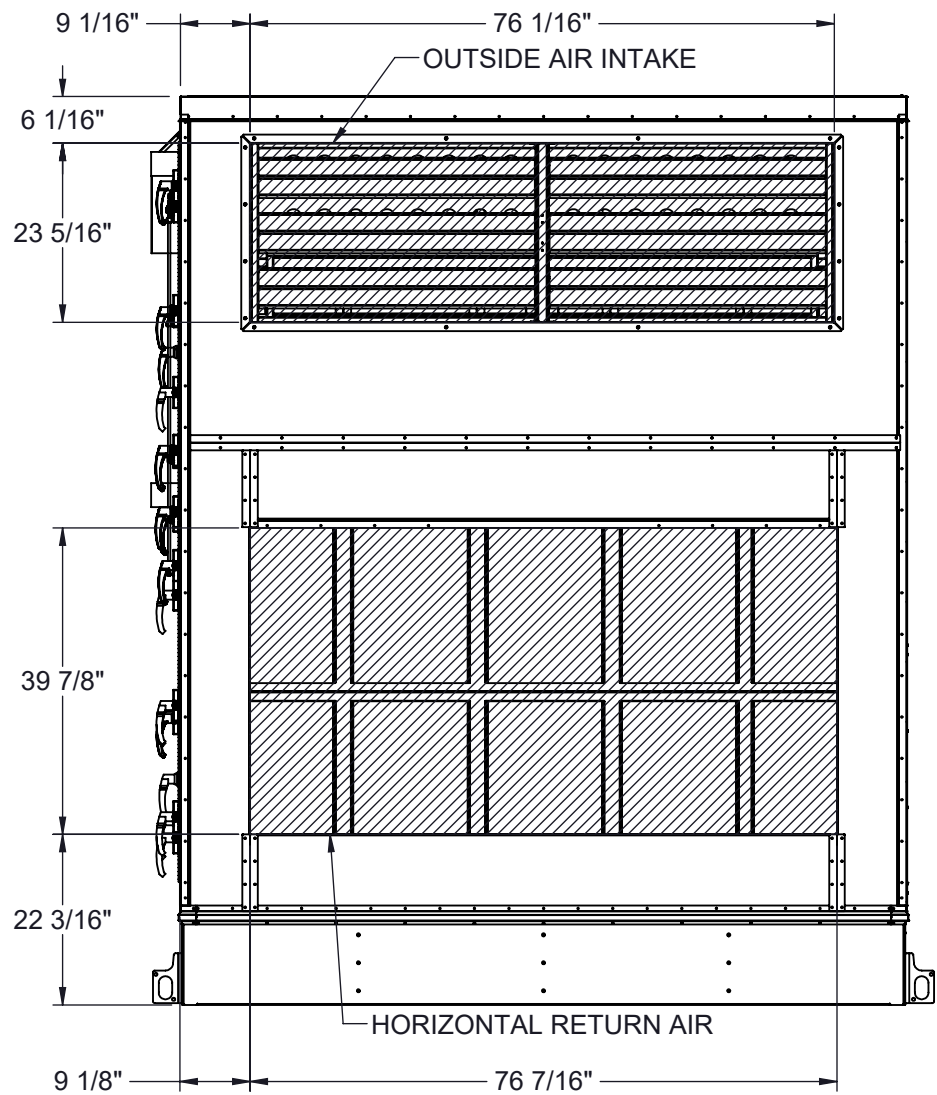
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Description
SP 40-50 TON SPLIT HWC

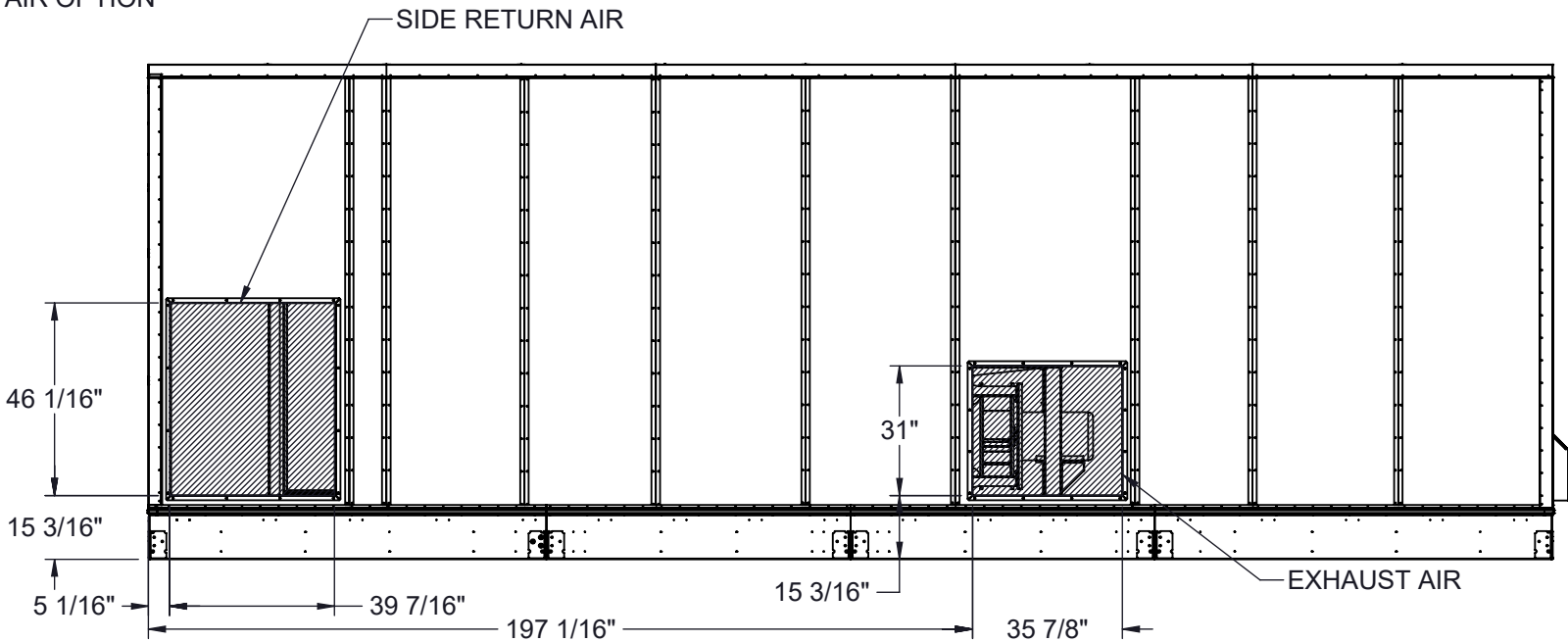
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CUSTOMER INTERFACE GA

Drawing Number
G1000-105

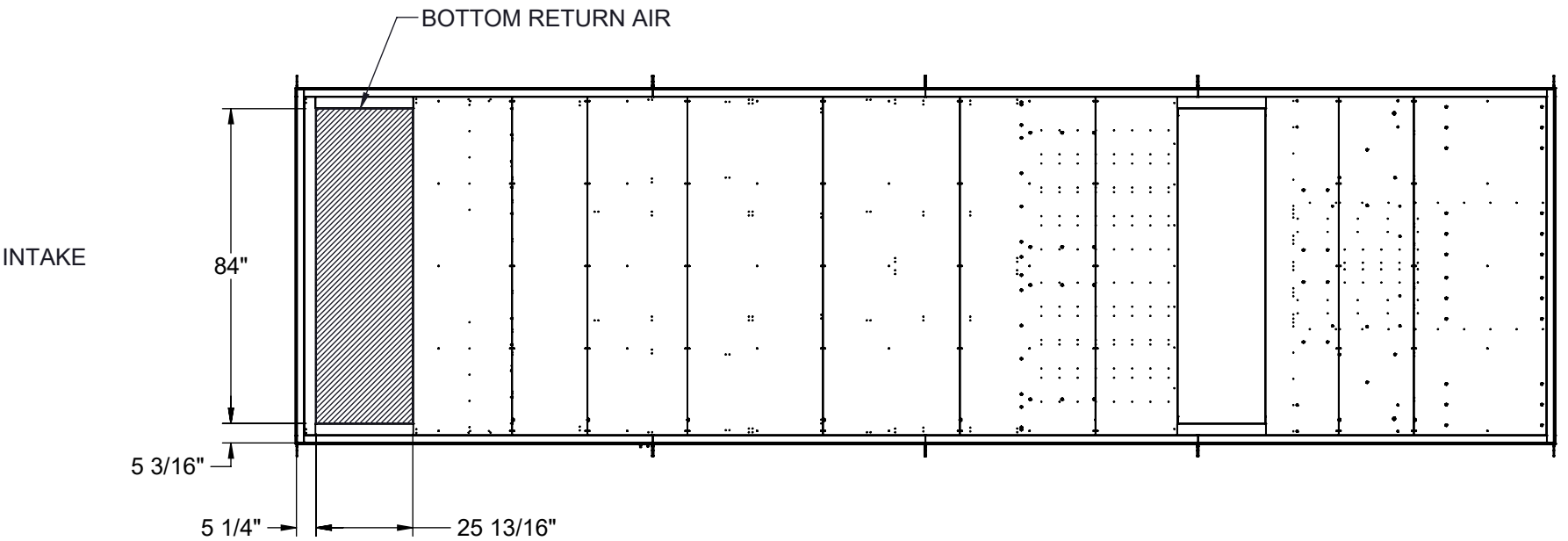
HORIZONTAL RETURN AIR OPTION
(INTAKE VIEW)



SIDE RETURN AIR OPTION
(SIDE VIEW)



BOTTOM RETURN AIR OPTION
(VIEW FROM ABOVE)



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 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 $\pm 1^\circ$

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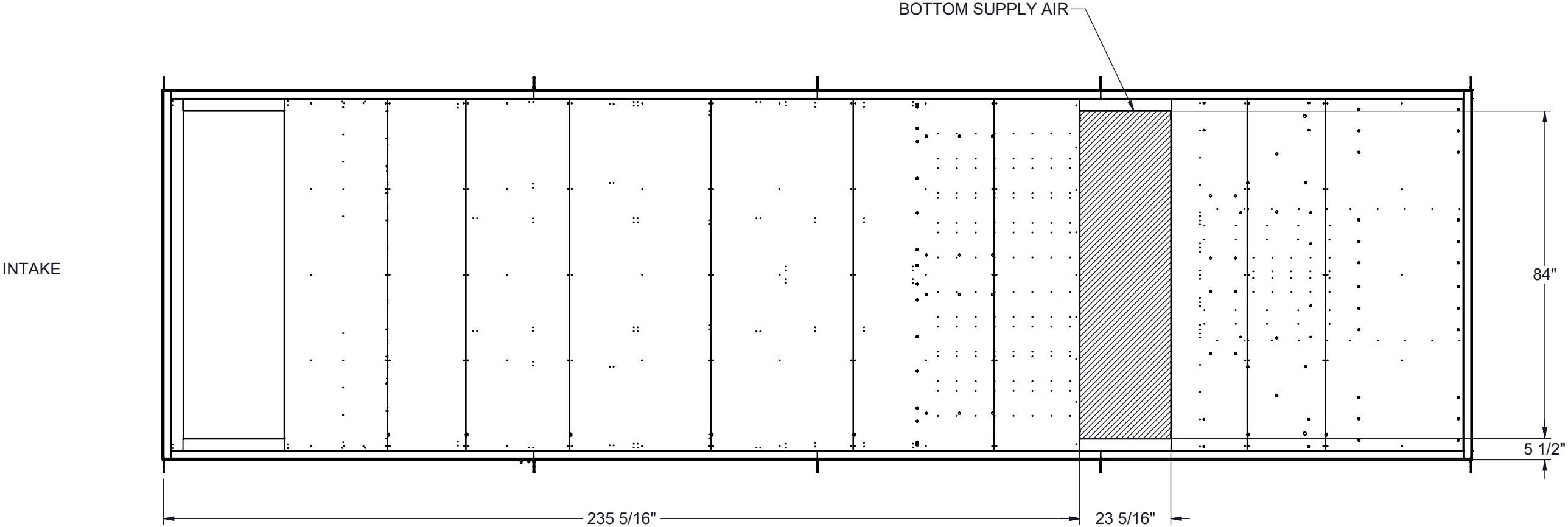
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Description
SP 40-50 TON SPLIT HWC

Page Title
INTAKE OPTIONS GA

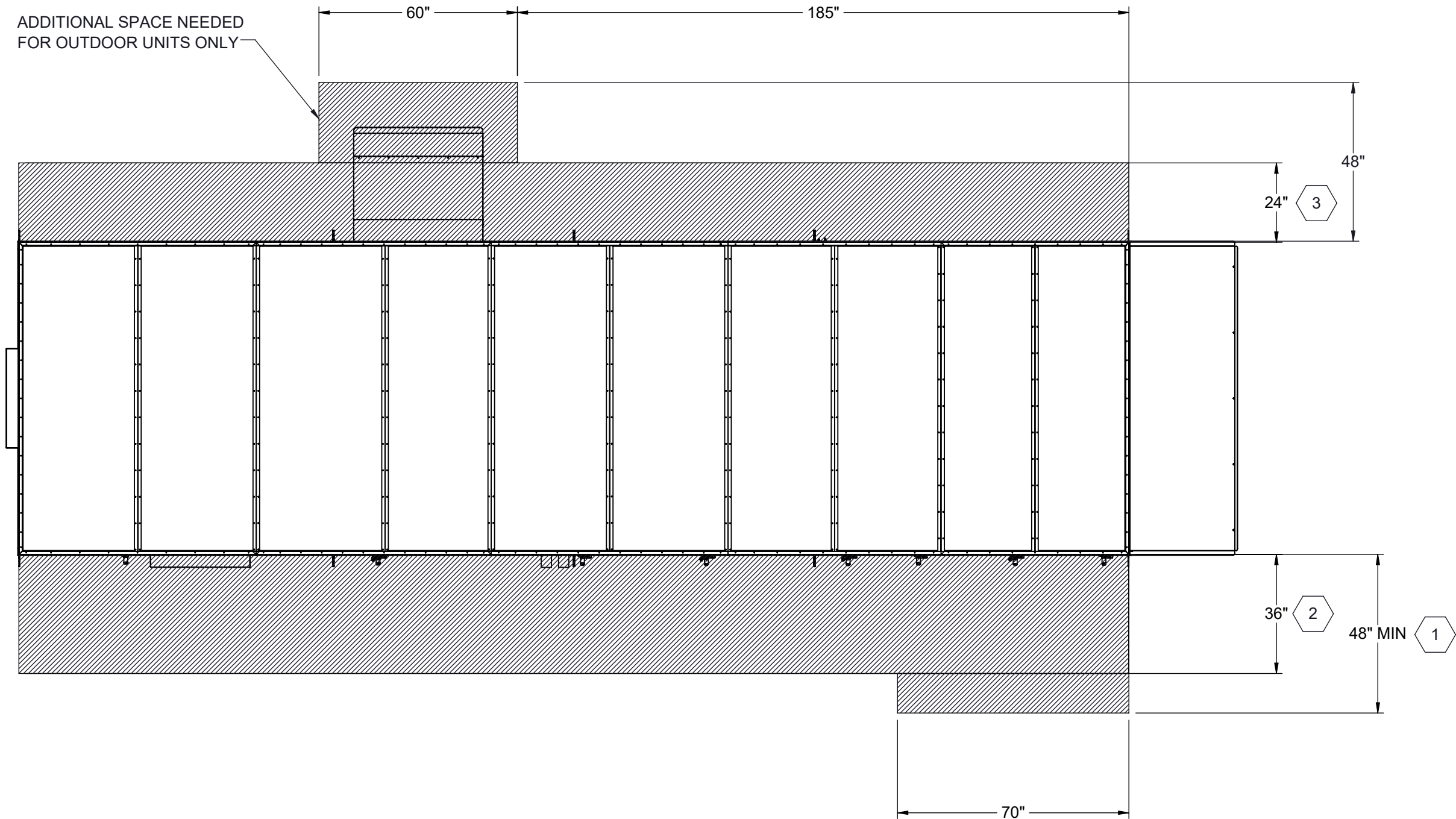
Drawing Number
G1000-105

BOTTOM SUPPLY OPTION





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
ACCESS SIDE SUPPLY AIR OPTION WILL SHIFT FAN SECTION DOORS TO NON-ACCESS SIDE

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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"		<div><div></div><div></div></div> <div>Third Angle Projection</div>		Drawn	Date Released	Description	
				ASV	1/19/2018	SP 40-50 TON SPLIT HWC	
		Part weight		Sheet	4/9	Page Title	
				Scale	NTS	Rev.	Drawing Number
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- 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

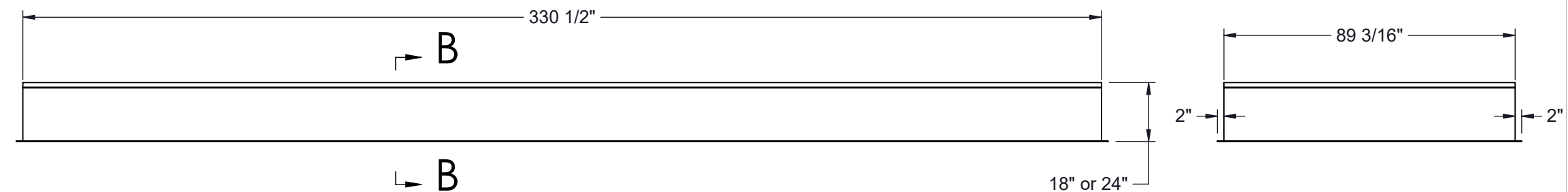
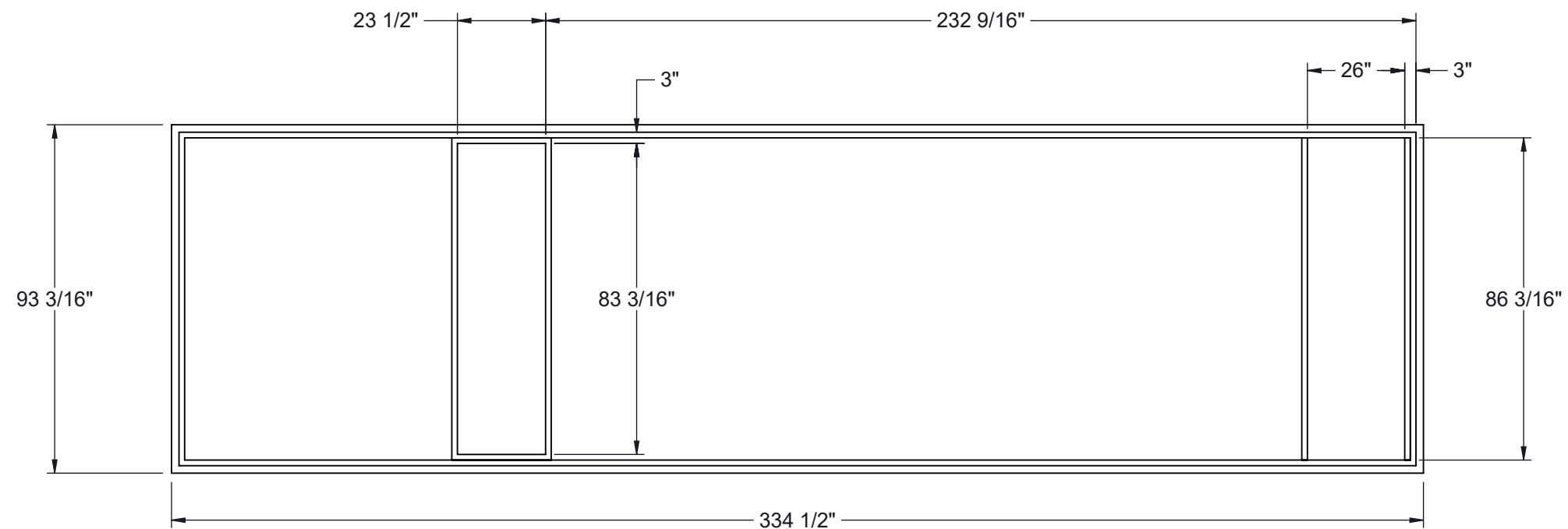
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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"		 Third Angle Projection		Drawn	Date Released	Description	
				ASV	1/19/2018	SP 40-50 TON SPLIT HWC	
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				Scale	NTS	Rev.	Drawing Number
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G1000-105

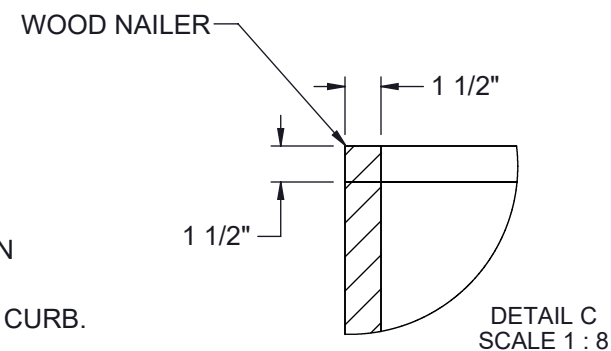
NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES

1. 14 GA GALVANIZED STEEL CONSTRUCTION
2. PRIME PAINTED AFTER FABRICATION
3. PRESSURE TREATED WOOD NAILERS
4. 1-1/2" THICK 3LB/FT³ FIBERGLASS PERIMETER INSULATION
5. INTERNAL ANGLE REINFORCEMENT
6. CURB TO BE SHIPPED KNOCKED DOWN

UNIT TON	18" CURB	24" CURB
45-50	CB-50NCBN-18	CB-50NCBN-24



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



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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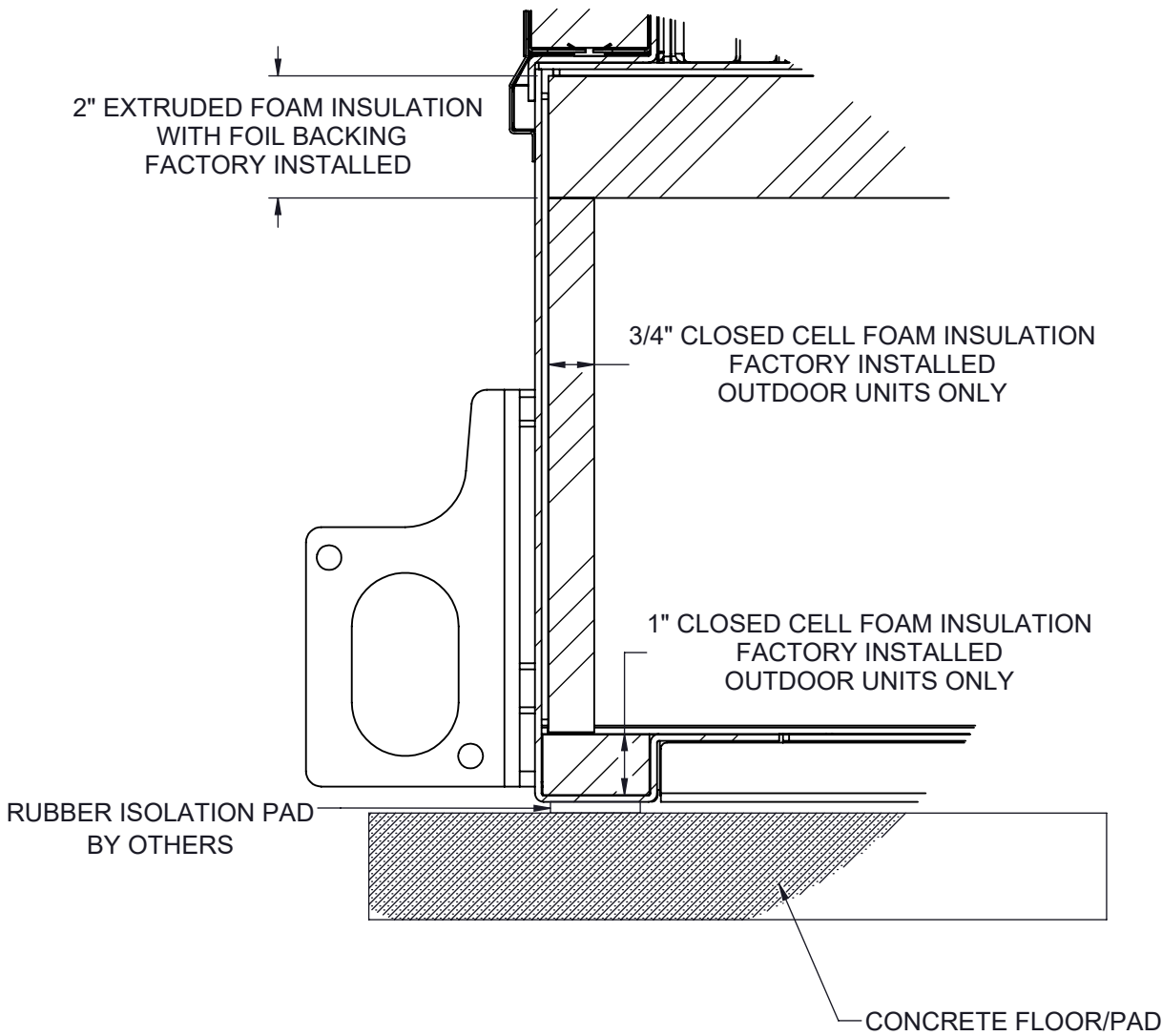
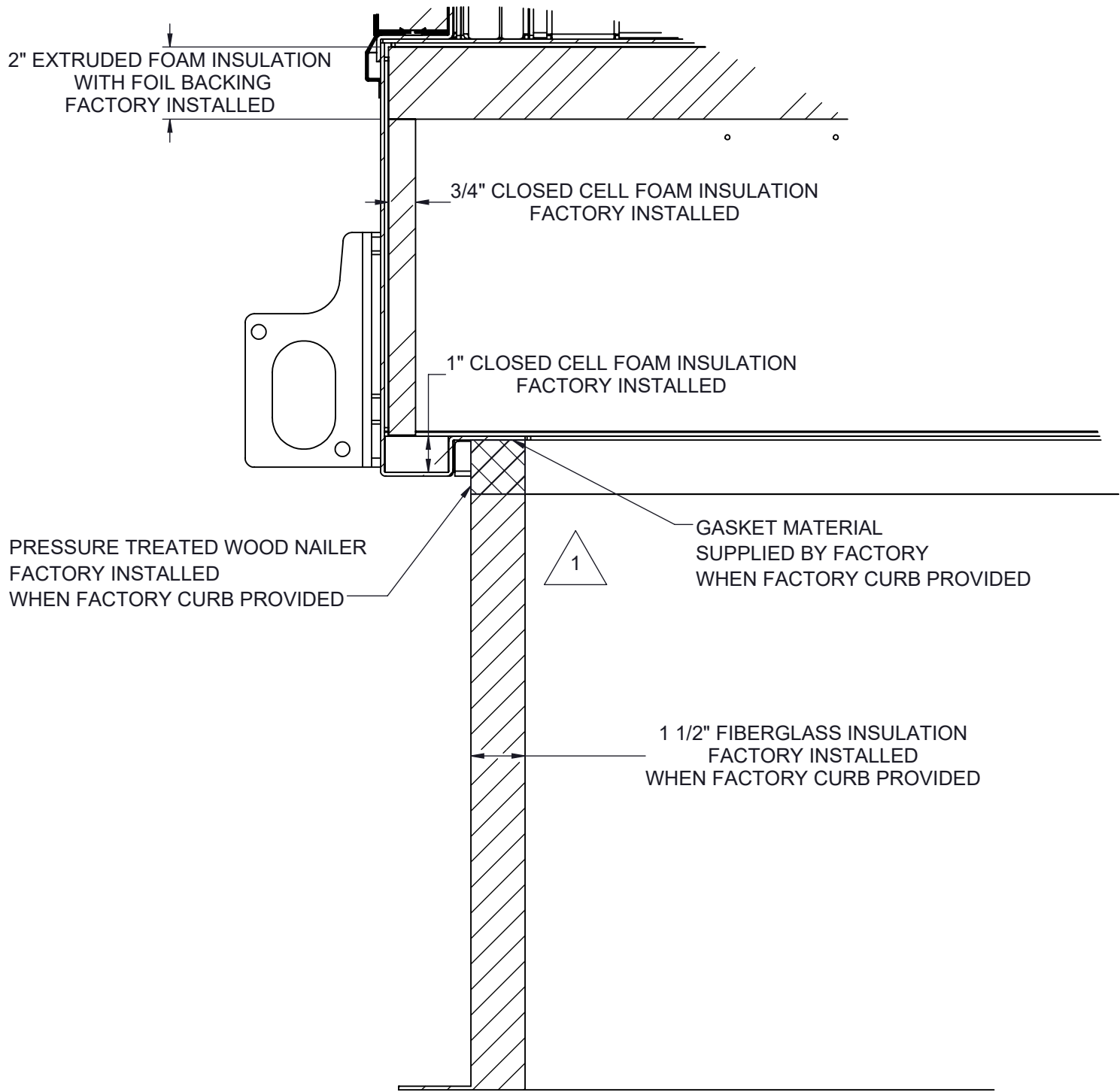
Description	SP 40-50 TON SPLIT HWC
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Page Title	CURB DETAIL GA
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Drawing Number	G1000-105
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CURB MOUNT

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 Angles 90°
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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 $\pm 1^\circ$

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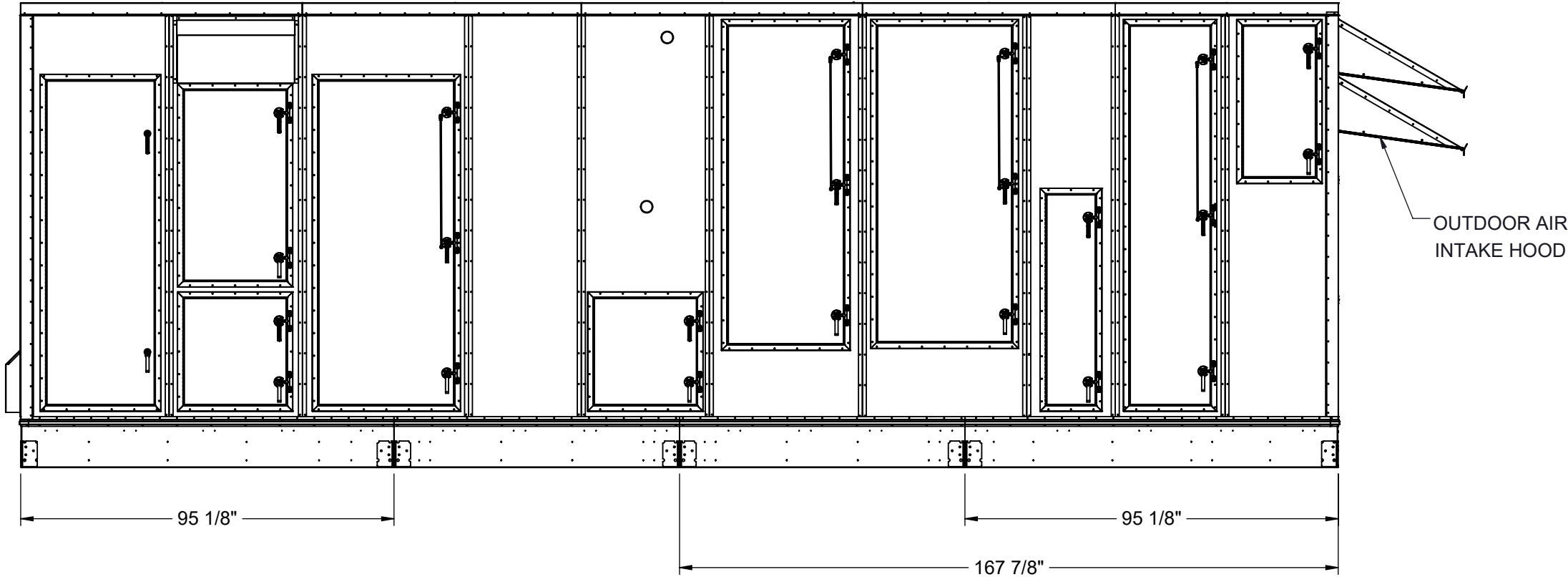
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SP 40-50 TON SPLIT HWC

Page Title
MOUNTING DETAILS GA

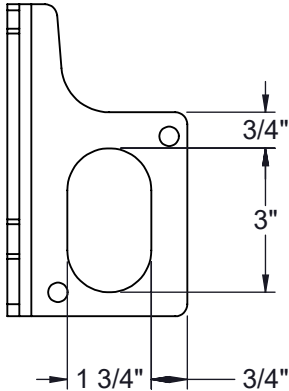
Drawing Number
G1000-105

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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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	$\pm 1^\circ$

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Drawn ASV	Date Released 1/19/2018	Description SP 40-50 TON SPLIT HWC
Sheet	8/9	Page Title SHIPPING/LIFTING DETAILS GA
Scale NTS	Rev. 1	Drawing Number G1000-105

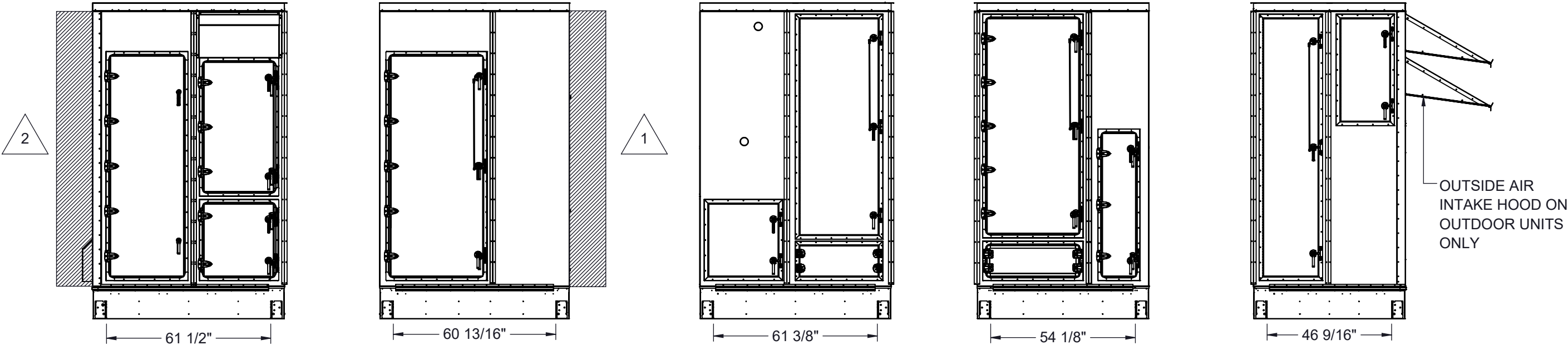
SHIP LOOSE ITEMS
EXHAUST HOOD

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

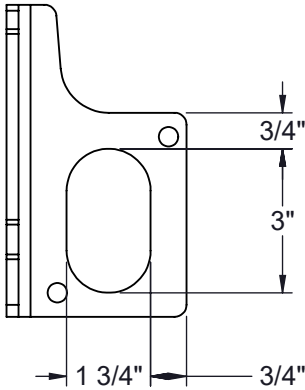
SHIP LOOSE ITEMS
SECTION ITEMS

DA PART NO	DESCRIPTION	QTY
807-007	BOLT 3/8-16X1 SS	16
807-008	WASHER 3/8 FLAT SS	16
807-009	WASHER LOCK SPLIT 3/8 SS	16
807-010	NUT 3/8-16 SS	16
807-023	SCREW #8-18X1/2 SS	688
807-223	SCREW #10-32X1/2 MACHINE HEX	16
950-089	TAPE SEAM SEALER 2"	120 FT (3 ROLLS)
950-090	TAPE SEAM SEALER 4"	15 FT
990-105	CAULK WHITE	8
352-098-040	BASE Z CVR SIDE, MID SEC	8
STRIPS	2.5 X 103" METAL SIDE STRIPS	8
STRIPS	2.5 X 92 1/2" METAL TOP STRIPS	4
STRIPS	1" X 3" X 24" METAL CORNER STRIPS	8

SHIPPING AND LIFTING DETAILS FOR MULTI-SECTION CONSTRUCTION OPTION ONLY



LUG DETAIL



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

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

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All Angles 90°
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Tolerance Unless
Otherwise Specified
X.X ±.125
X.XX ±.060
X.XXX ±.030
Angles ±1°



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Third Angle Projection

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Description
SP 40-50 TON SPLIT HWC

Page Title
SECTIONED LIFTING DETAILS GA

Drawing Number
G1000-105

ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"