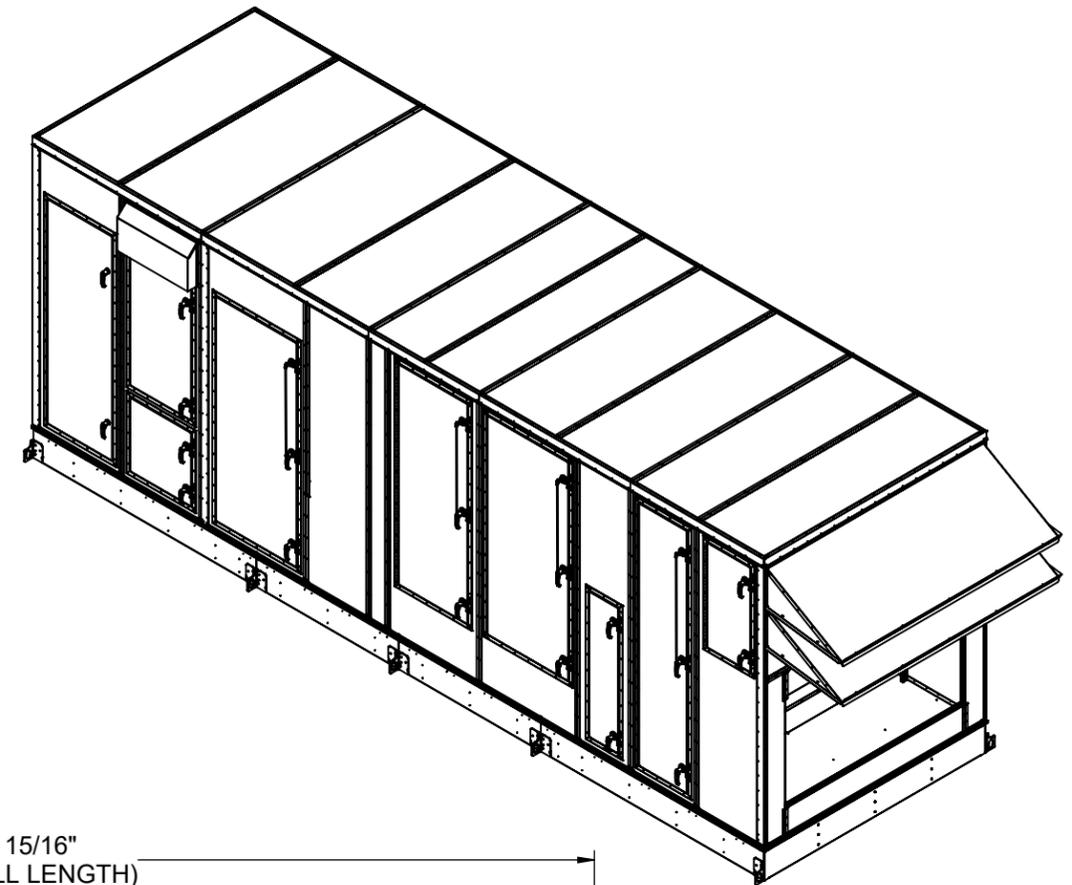
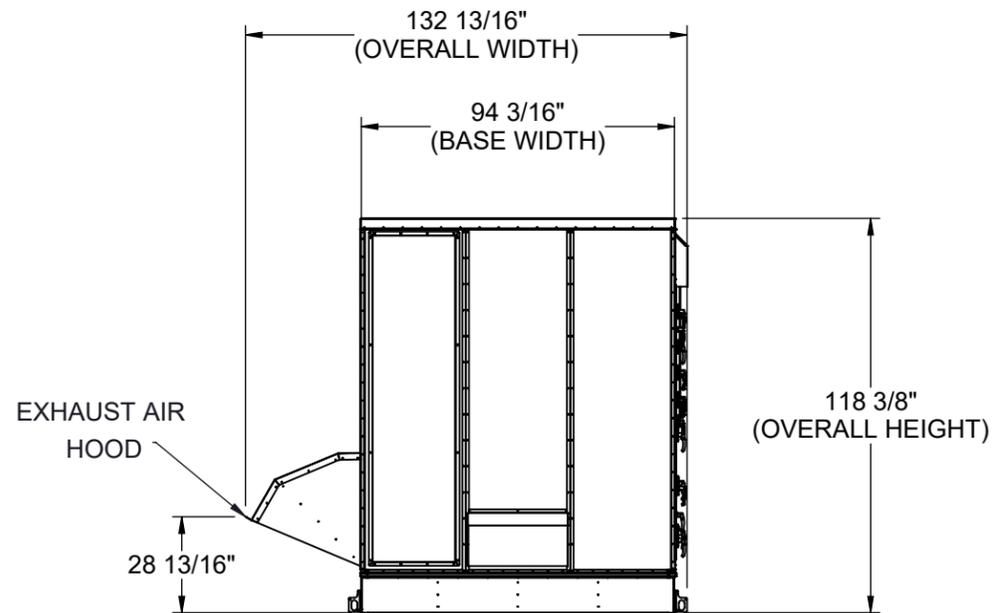


GENERAL NOTES FOR APPLICABLE SHEETS:

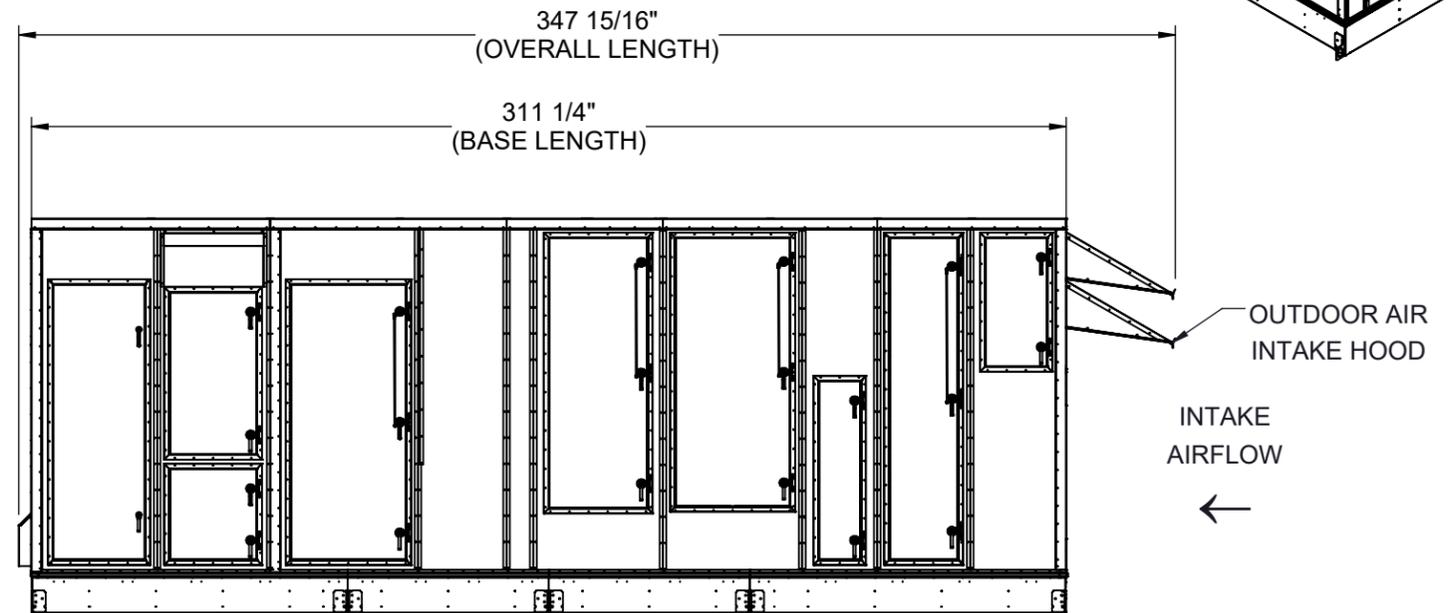
LEFT HAND ACCESS SHOWN IN ALL VIEWS
 RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED
 WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT



BACK VIEW



LEFT SIDE VIEW



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

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 TOLERANCE ± 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°

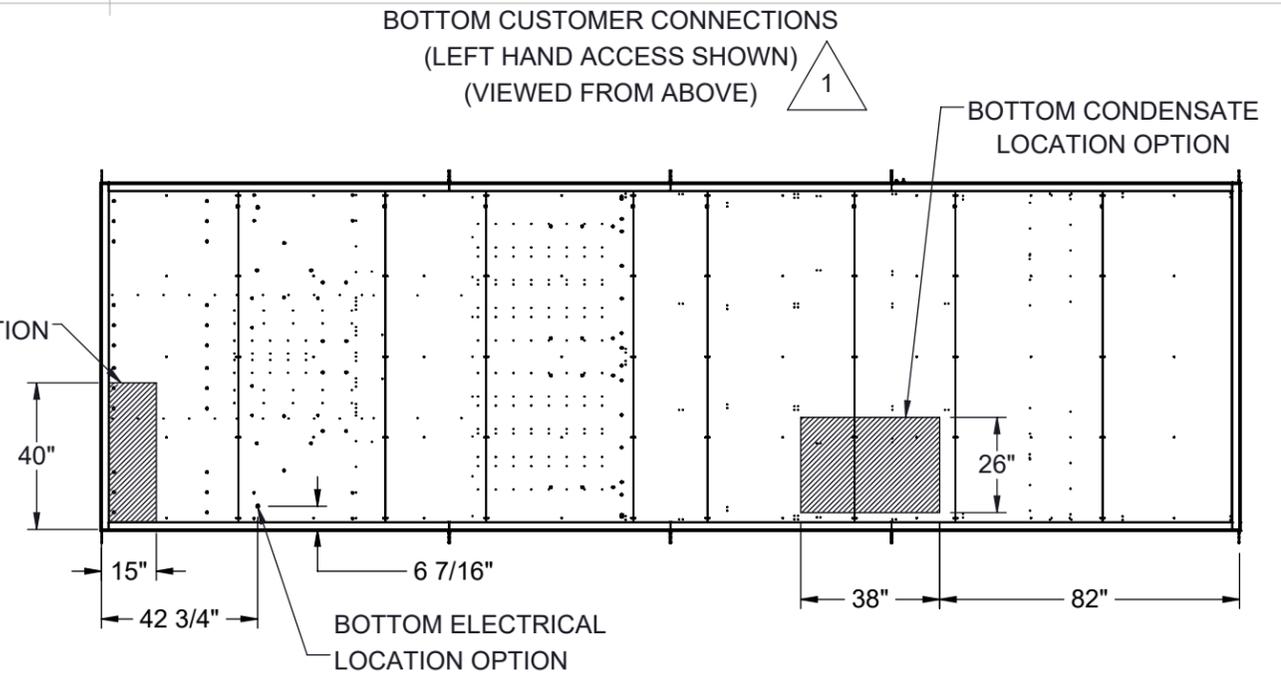


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Drawn	ASV	Date Released	1/19/2018	Description	SP 40-50 TON SPLIT
Sheet	1/9		Page Title	GENERAL ARRANGEMENT	
Scale	NTS		Rev.	1	
Drawing Number			G1000-102		

CUSTOMER CONNECTION LINE SIZE (in.)		
UNIT SIZE	45 TONS	50 TONS
CONDENSATE (PVC)	1 1/2	1 1/2
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	3

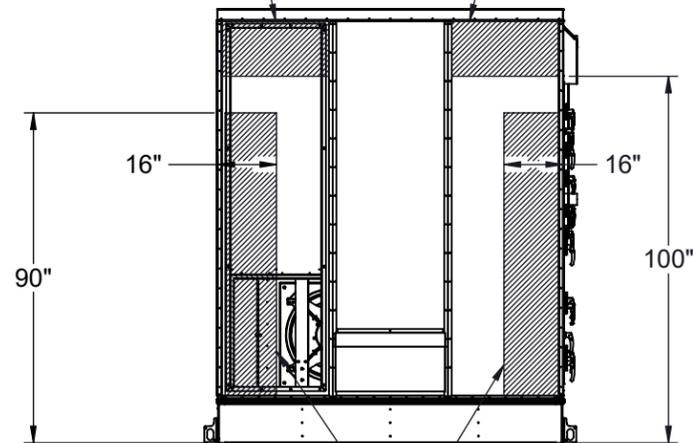
BOTTOM POOL WATER CONNECTION LOCATION OPTION



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

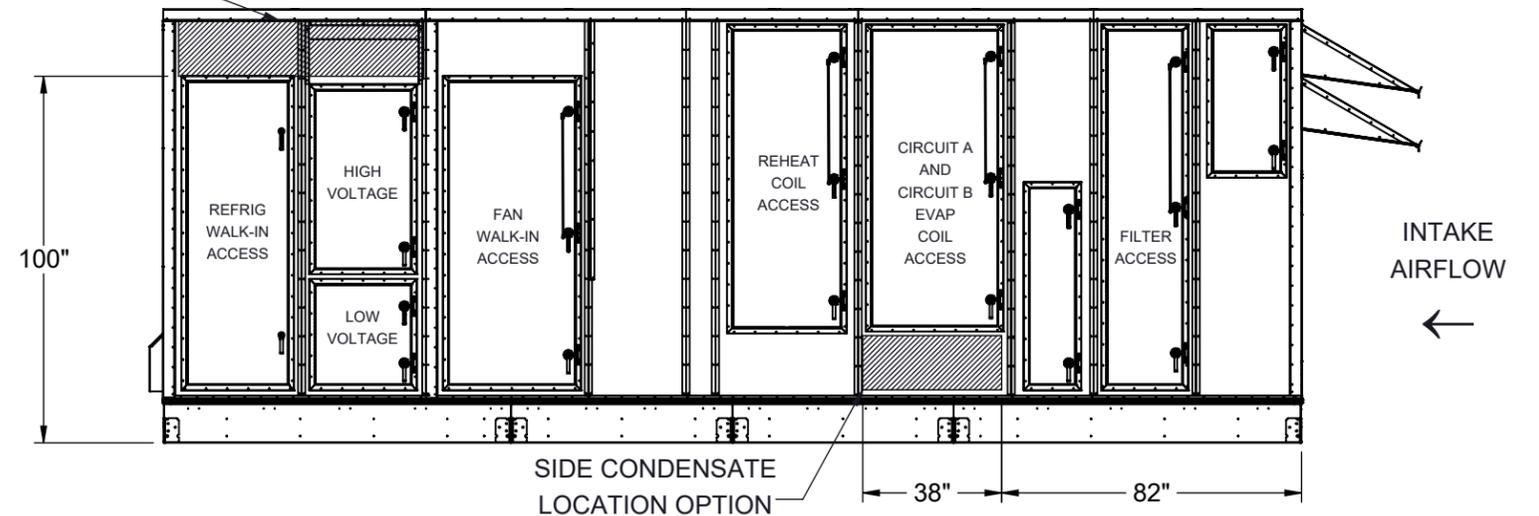


RIGHT BACK REMOTE CONDENSER/WATER CONNECTION LOCATION OPTION

LEFT BACK REMOTE CONDENSER/WATER CONNECTION LOCATION OPTION

LEFT SIDE CONNECTION VIEW
(LEFT HAND ACCESS SHOWN)

SIDE ELECTRICAL CONNECTION LOCATION OPTION



SIDE CONDENSATE 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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Unless Otherwise Specified

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

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Third Angle Projection

Part weight

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

Sheet **2/9**

Scale **NTS** Rev. **1**

Description **SP 40-50 TON SPLIT**

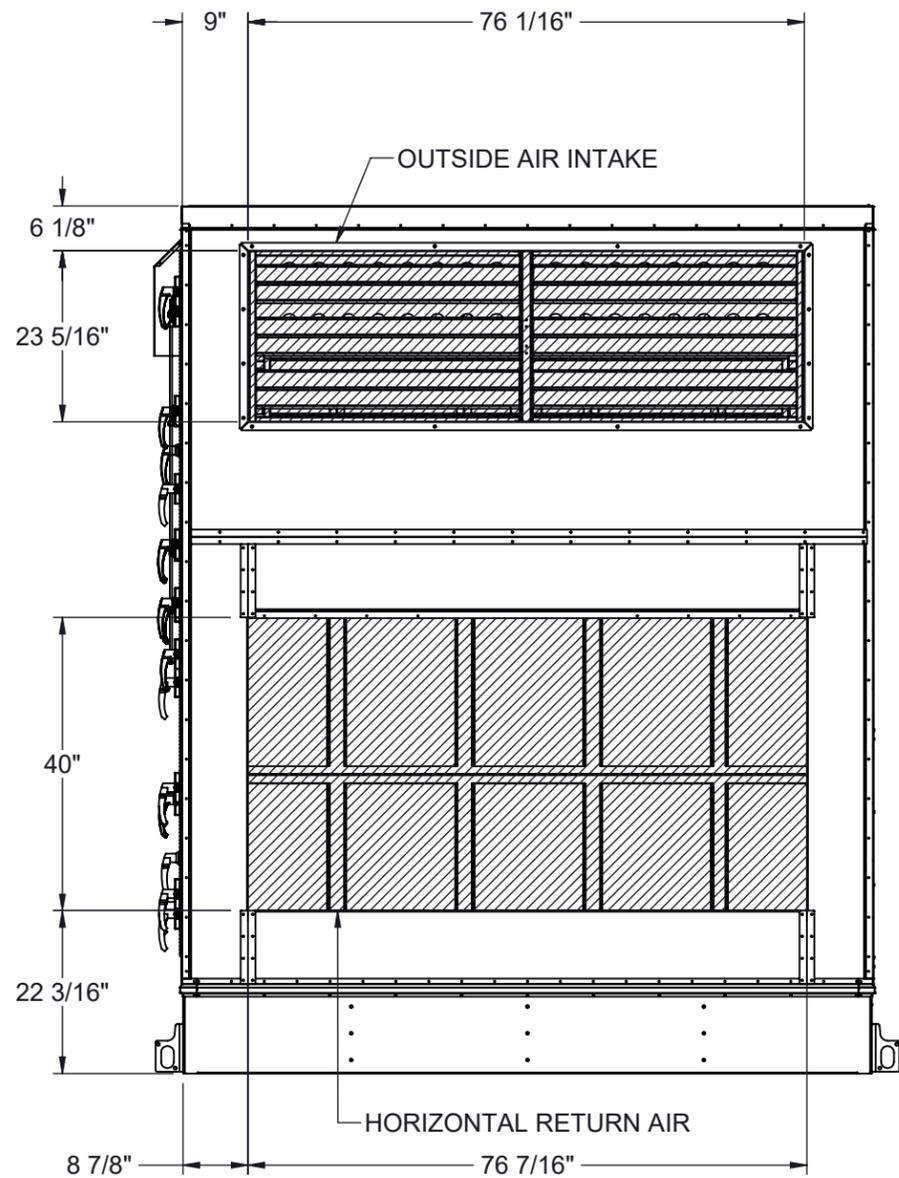
Page Title **CUSTOMER INTERFACE GA**

Drawing Number **G1000-102**

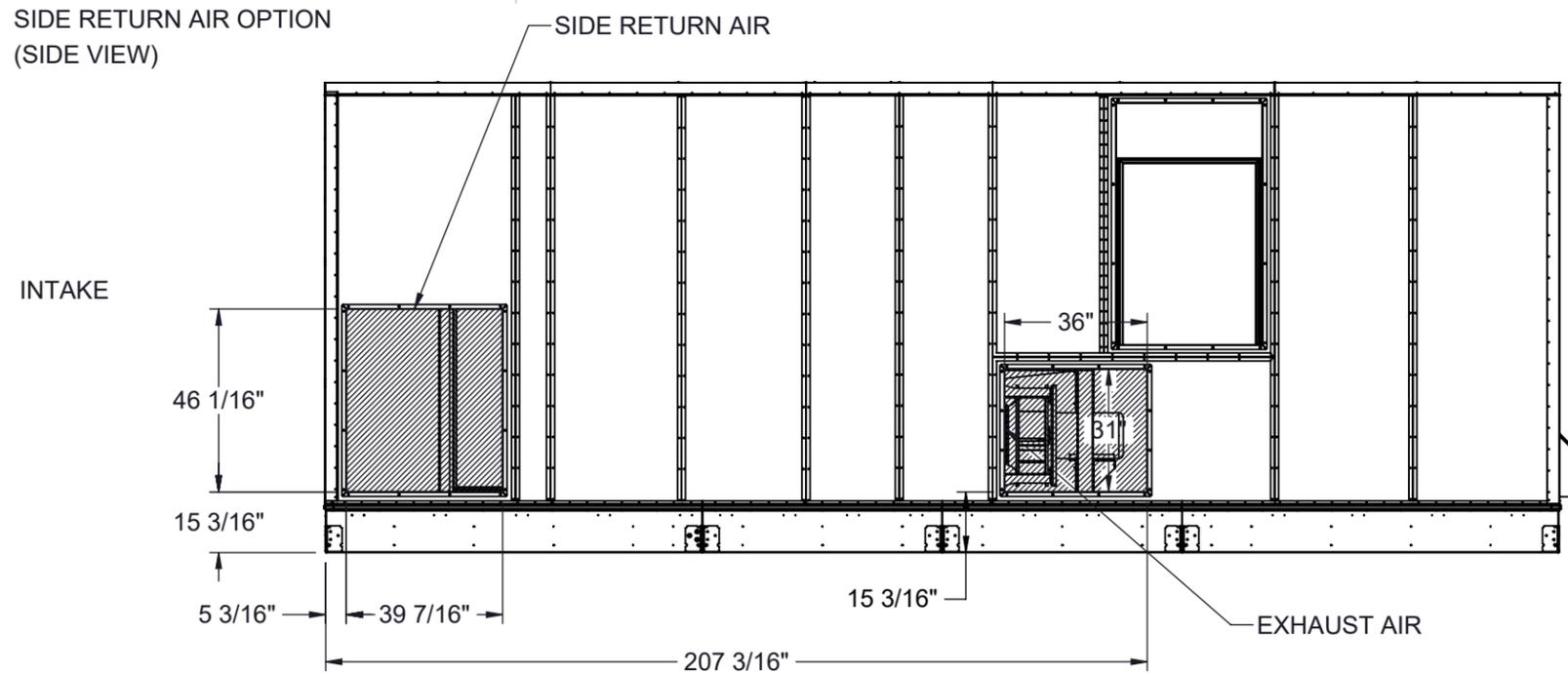
ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"

G1000-102

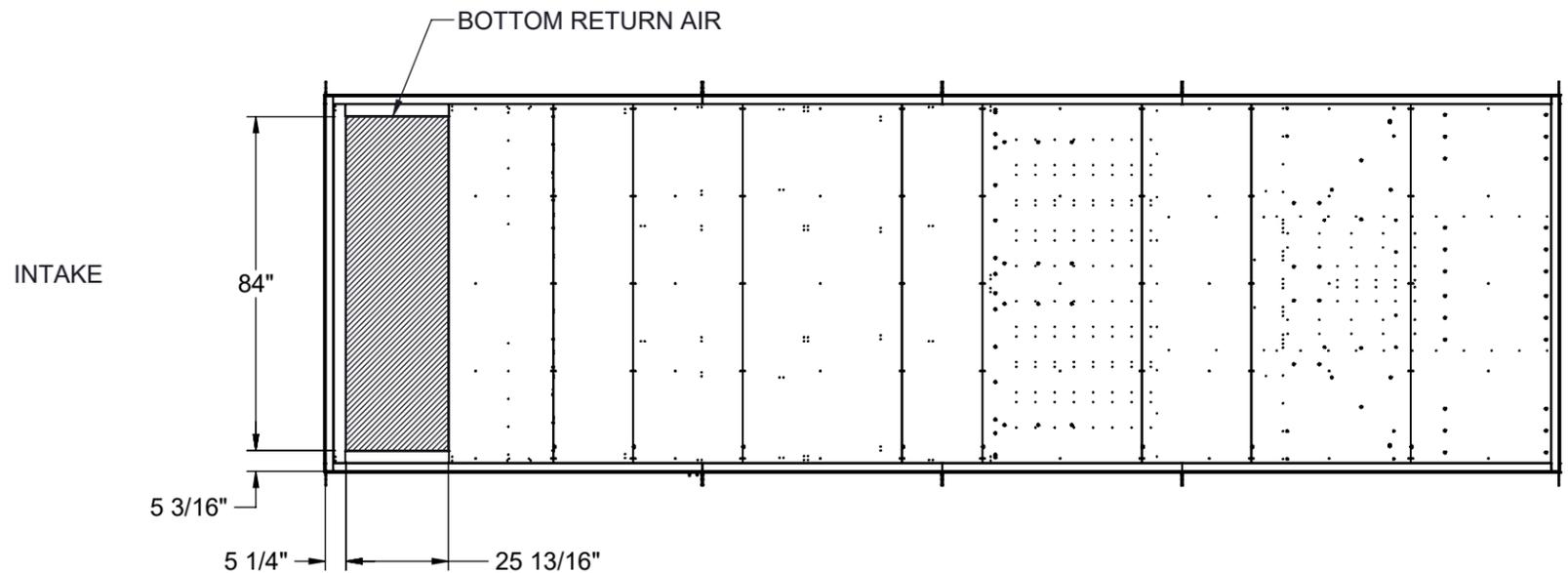
HORIZONTAL RETURN AIR OPTION
(INTAKE VIEW)



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 ARE IN INCHES
TOLERANCE ± 1/8"

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



Part weight

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

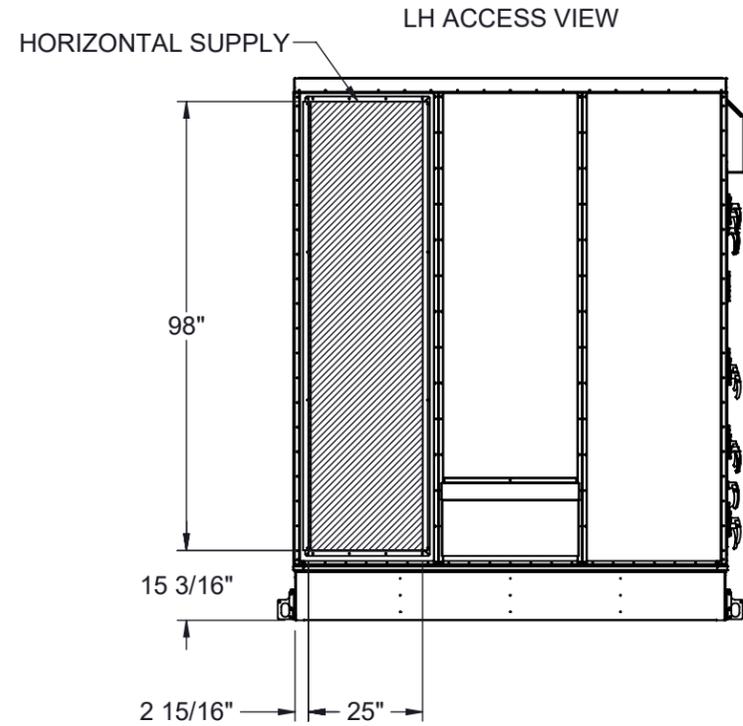
Drawn	ASV	Date Released	1/19/2018
Sheet	3/9		
Scale	NTS		
Rev.	1		

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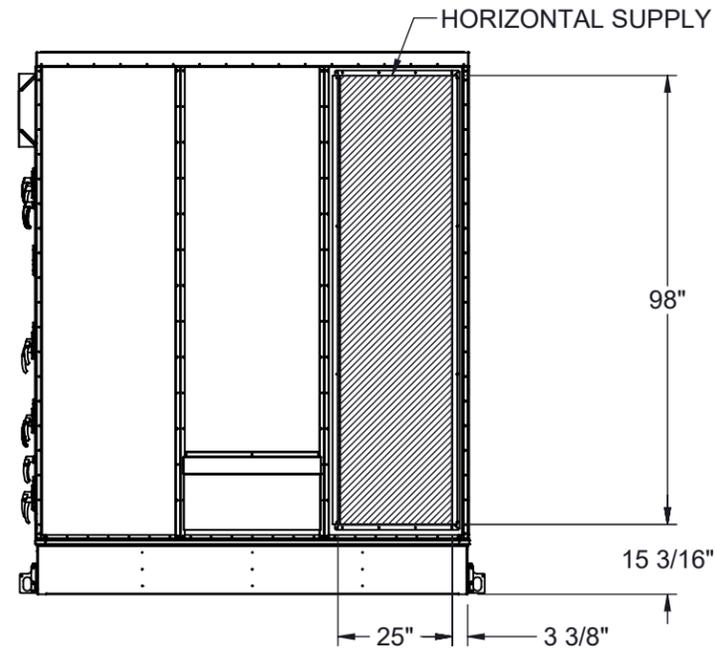
Description	SP 40-50 TON SPLIT
Page Title	INTAKE OPTIONS GA
Drawing Number	G1000-102

G1000-102

HORIZONTAL SUPPLY OPTION
(NO ORIENTATION CHANGE FOR RH OR LH ACCESS)
(DISCHARGE VIEW)

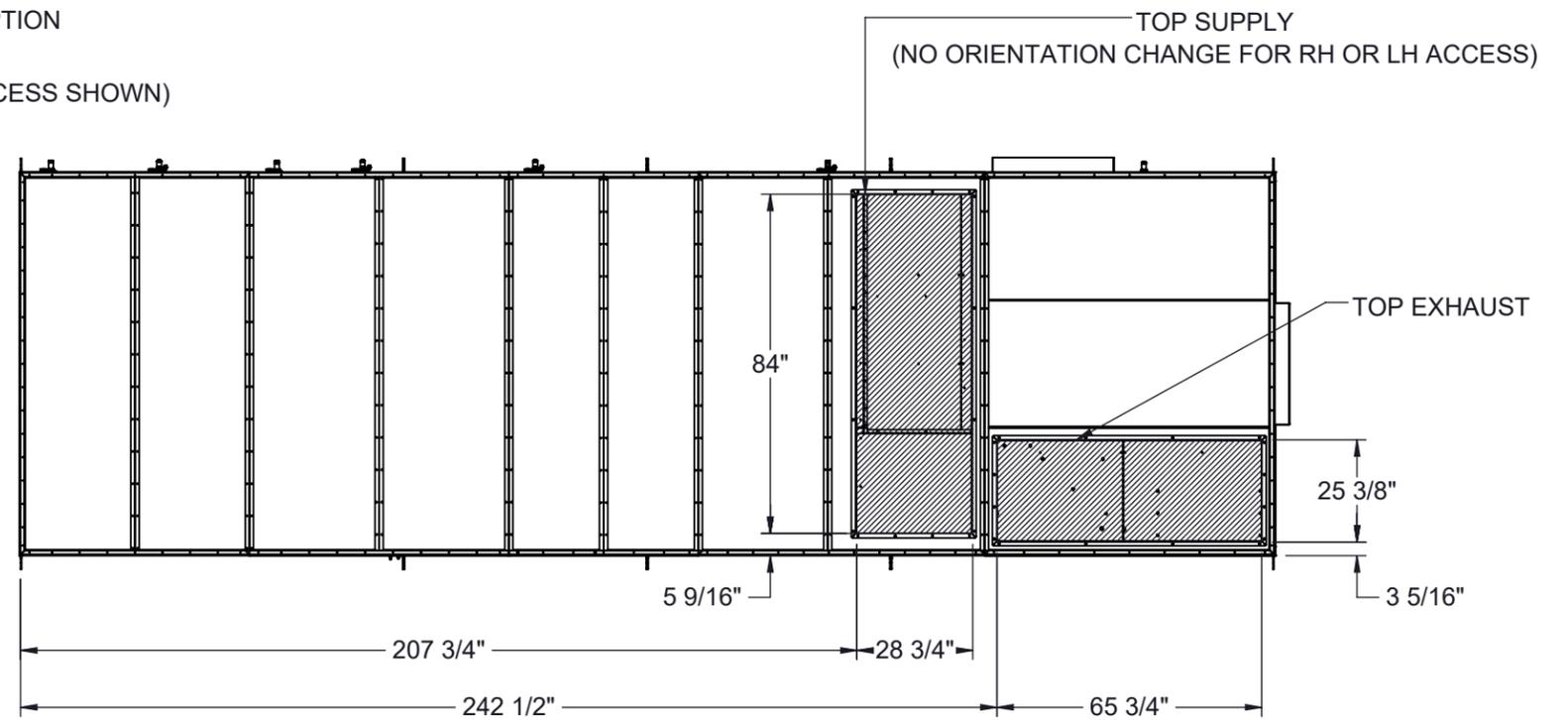


RH ACCESS VIEW



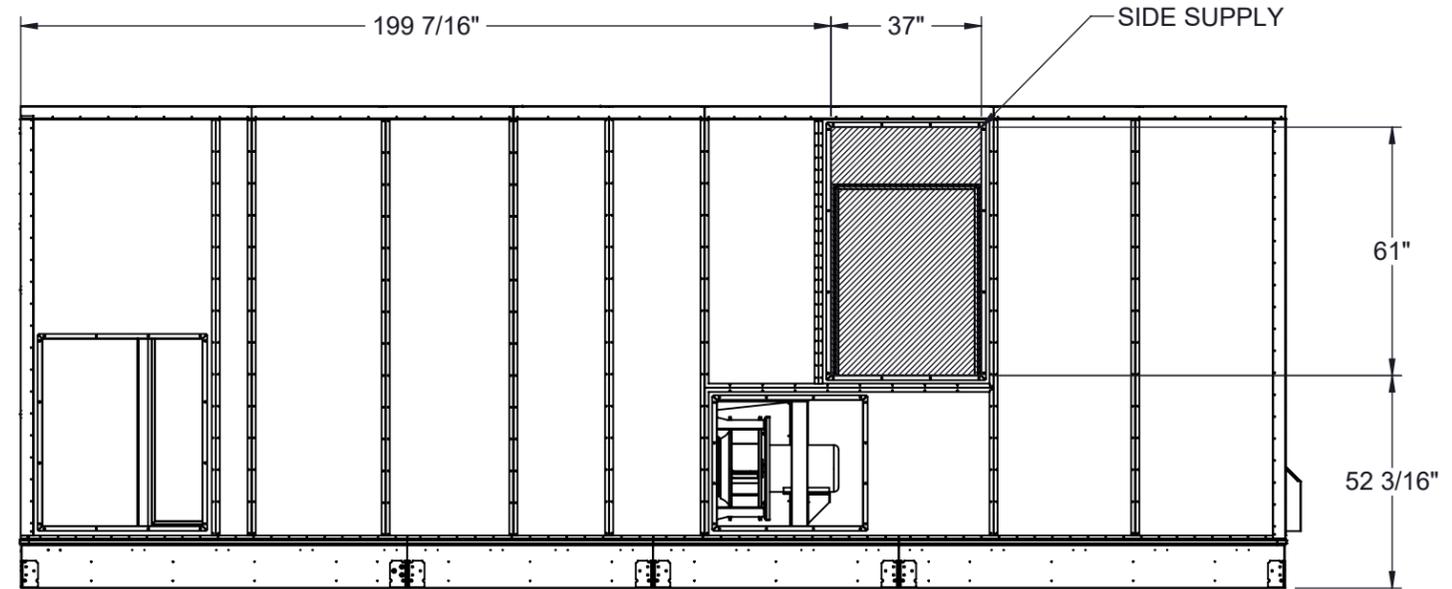
TOP SUPPLY OPTION
(TOP VIEW)
(LEFT HAND ACCESS SHOWN)

INTAKE



SIDE SUPPLY OPTION
(RIGHT SIDE VIEW)

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
ACCESS SIDE SUPPLY AIR OPTION WILL SHIFT FAN SECTION DOORS TO NON-ACCESS SIDE
TOP EXHAUST WILL CHANGE SIDE LOCATION BASED ON ACCESS SIDE SELECTION

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TOLERANCE $\pm 1/8"$

All Dimensions in Inches
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All outside corners 0.125" fillet
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Third Angle Projection

Part weight

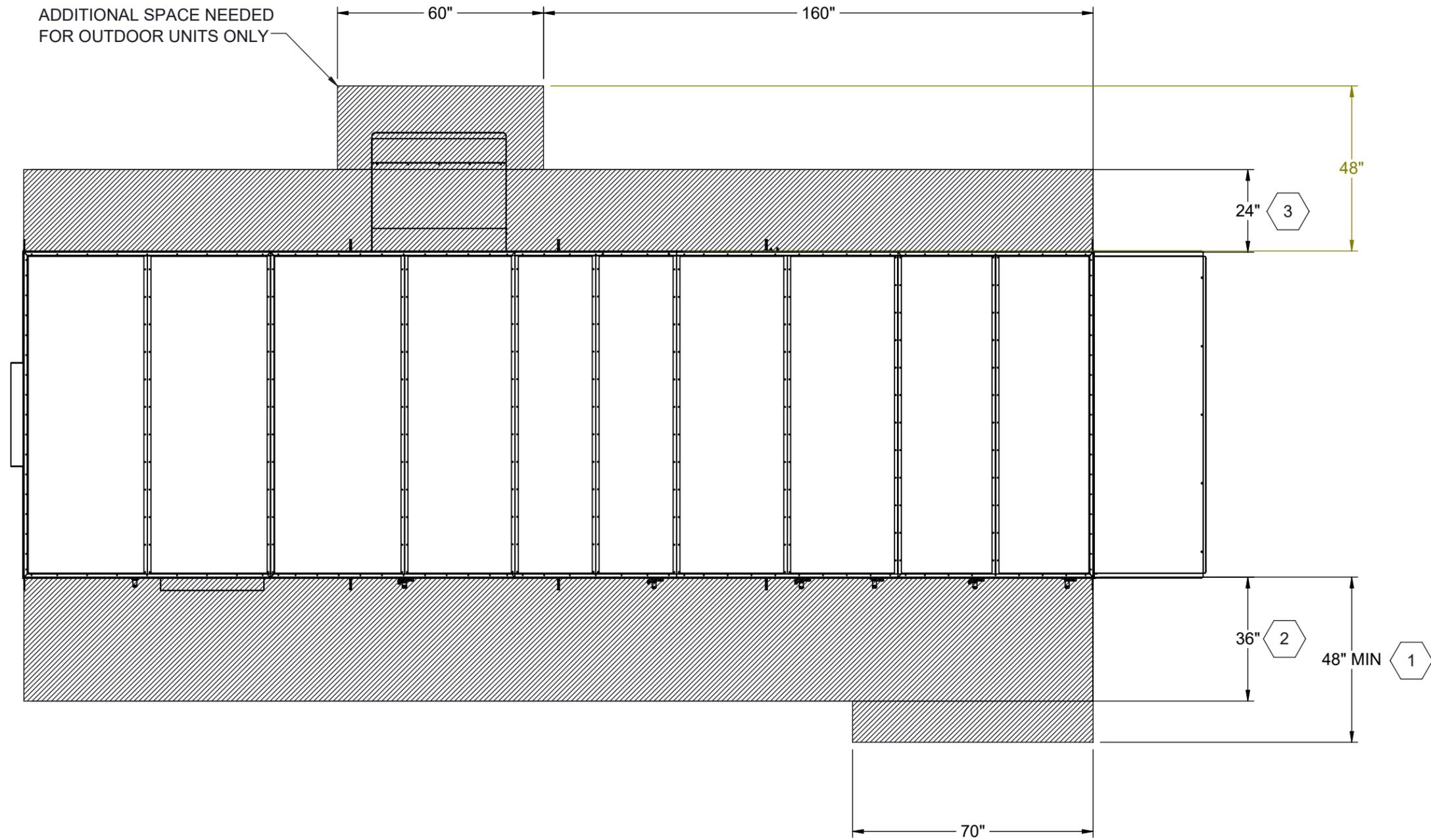
Tolerance Unless Otherwise Specified
X.X $\pm .125$
X.XX $\pm .060$
X.XXX $\pm .030$
Angles $\pm 1^\circ$

Drawn: ASV
Date Released: 1/19/2018
Sheet: 4/9
Scale: NTS
Rev.: 1



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Description: SP 40-50 TON SPLIT
Page Title: DISCHARGE OPTIONS GA
Drawing Number: G1000-102



- 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

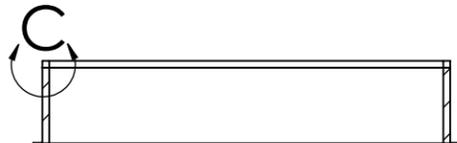
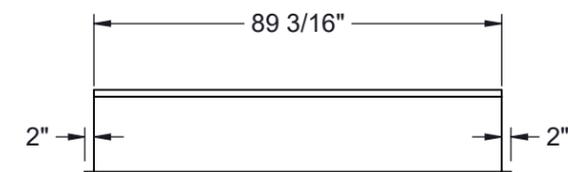
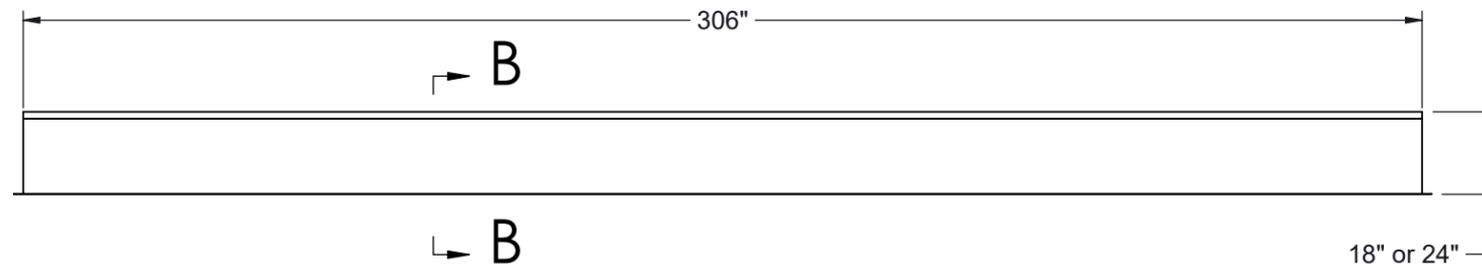
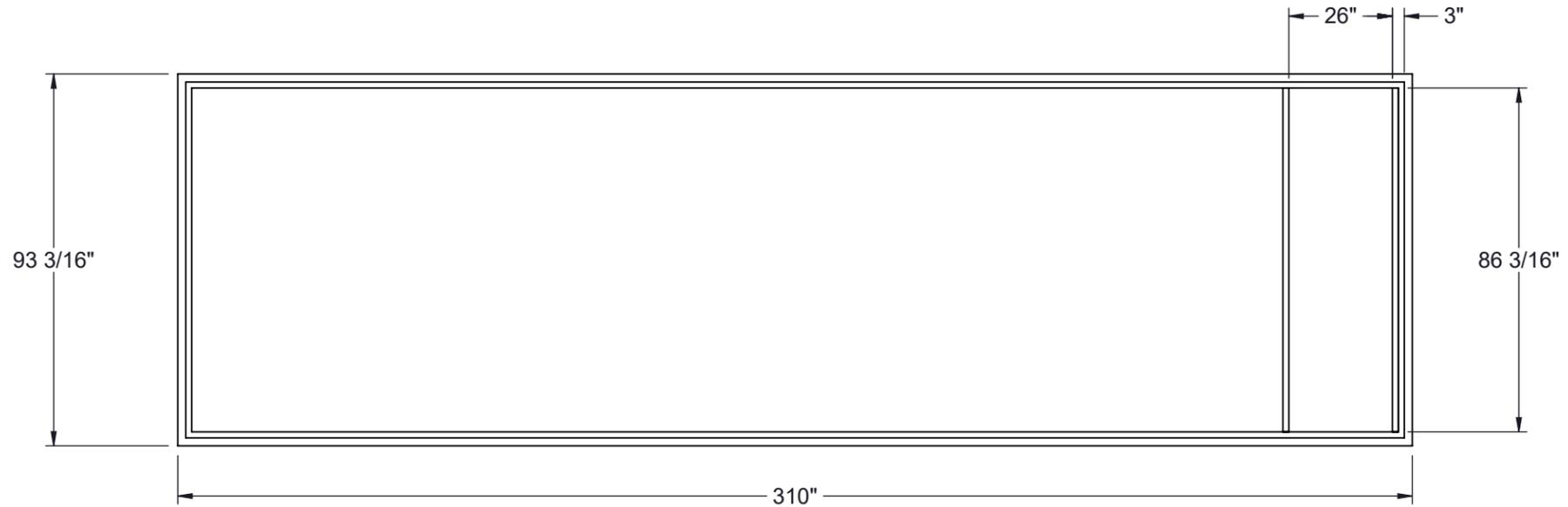
NOTES:
 REFER TO SHEET 1 FOR GENERAL NOTES
 LEFT HAND ACCESS SHOWN IN ALL VIEWS
 RIGHT HAND ACCESS OPTIONS LOCATED WITH SAME DIMENSIONS ON OPPOSITE SIDE UNLESS OTHERWISE SPECIFIED

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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"	Third Angle Projection	Sheet 5/9 Page Title UNIT CLEARANCE GA	Scale NTS Rev. 1 Drawing Number G1000-102
		Part weight	

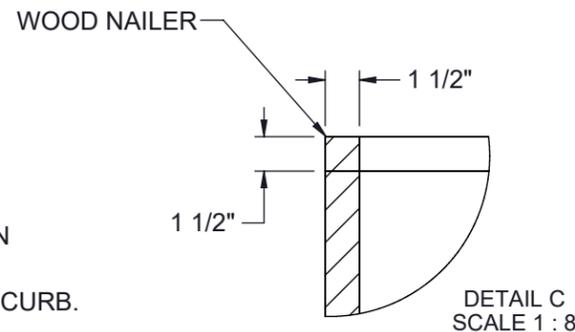
NOTES:
REFER TO SHEET 1 FOR GENERAL NOTES

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-50NNNN-18	CB-50NNNN-24



SECTION B-B



DETAIL C
SCALE 1 : 8

NUMBER AND LOCATION OF CROSS SUPPORTS IS DEPENDANT UPON THE GAUGE 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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X.XX ±.060
X.XXX ±.030
Angles ±1°

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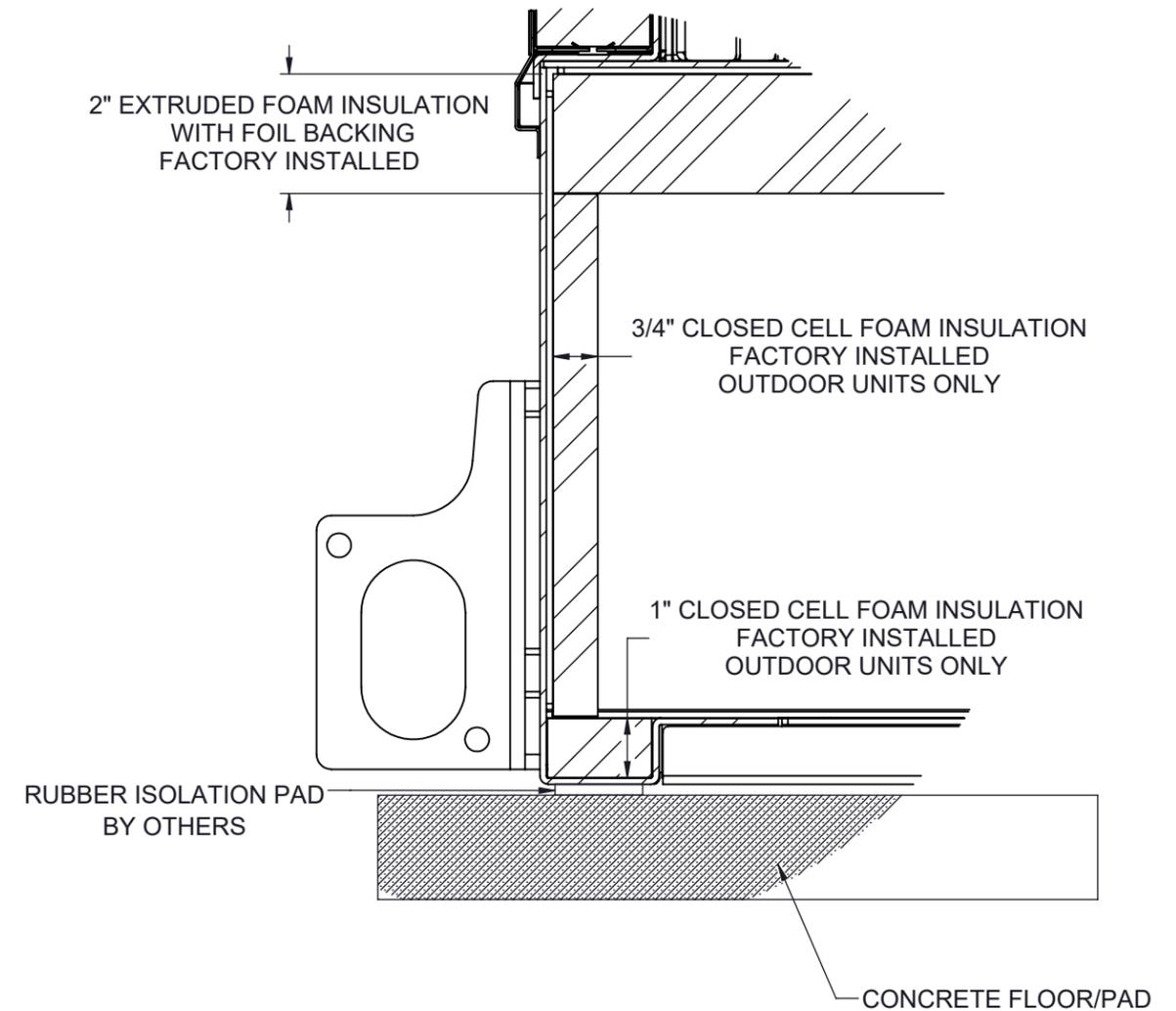
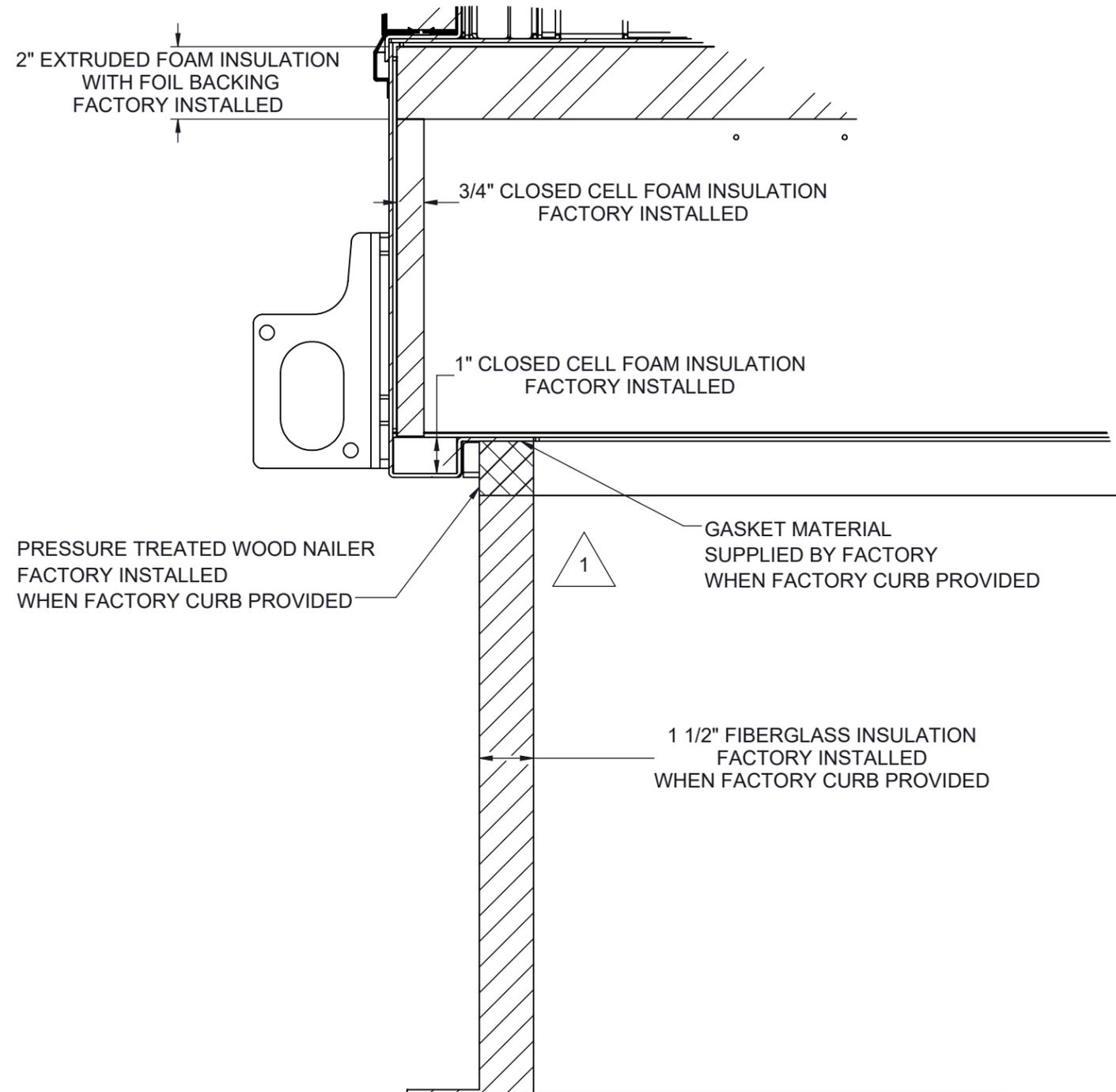
Third Angle Projection

ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"

Part weight

Drawn	ASV	Date Released	1/19/2018	Description	SP 40-50 TON SPLIT
Sheet	6/9		Page Title	CURB DETAIL GA	
Scale	NTS		Rev.	1	
Drawing Number			G1000-102		

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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X.X ±.125
X.XX ±.060
X.XXX ±.030
Angles ±1°

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Third Angle Projection

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

Description **SP 40-50 TON SPLIT**

ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"

Sheet **7/9**

Page Title **MOUNTING DETAILS GA**

Part weight

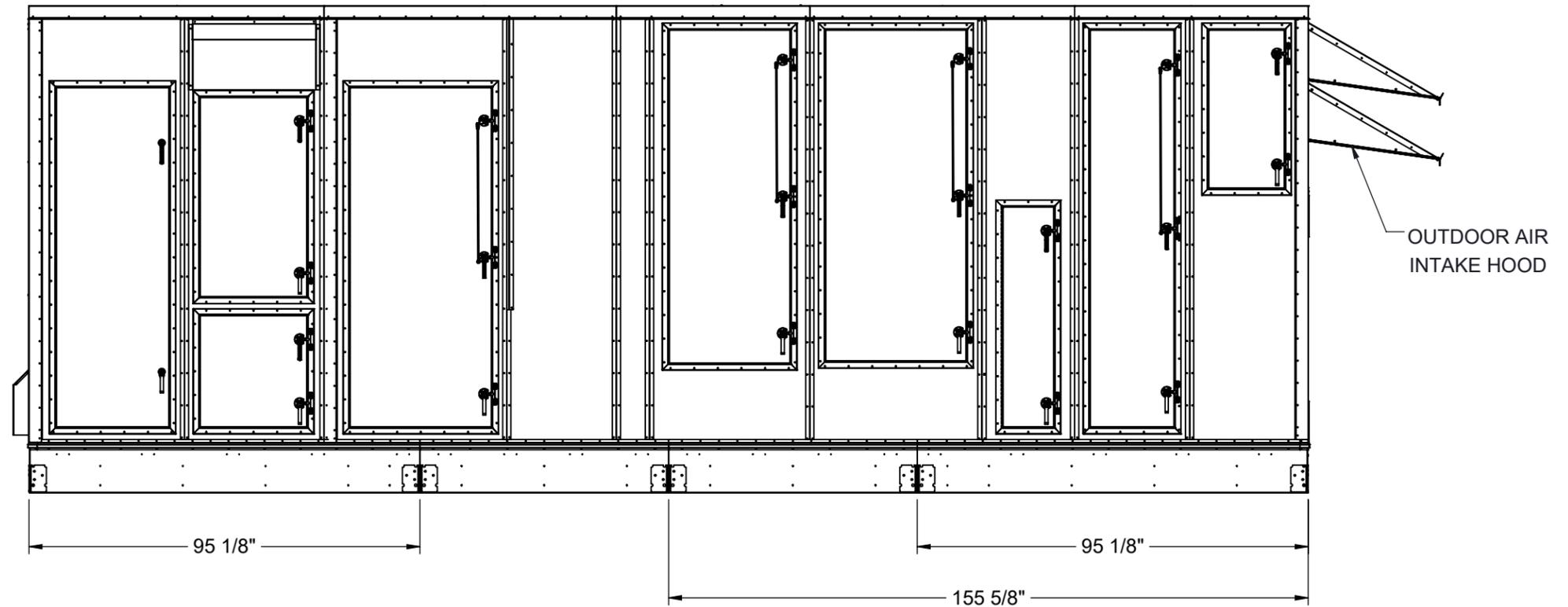
Scale **NTS** Rev. **1**

Drawing Number **G1000-102**

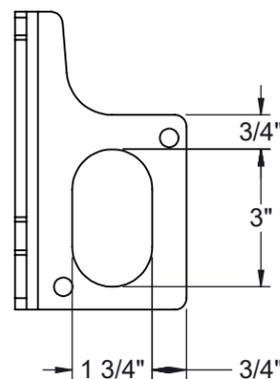
SHIP LOOSE ITEMS

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 ARE IN INCHES TOLERANCE ± 1/8"	Third Angle Projection	Sheet 8/9	Page Title SHIPPING/LIFTING DETAILS GA
Part weight	Scale NTS	Rev. 1	Drawing Number G1000-102

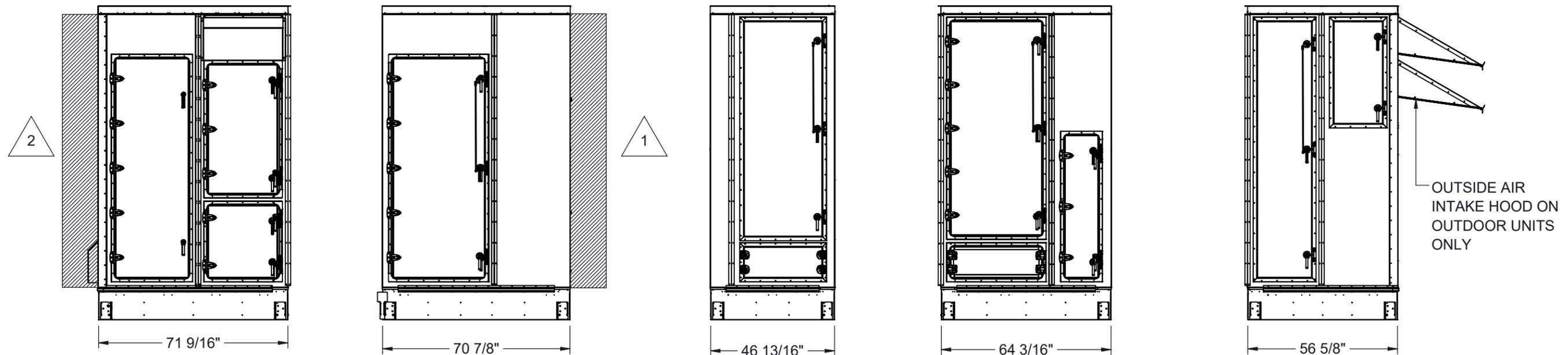
SHIP LOOSE ITEMS EXHAUST HOOD

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

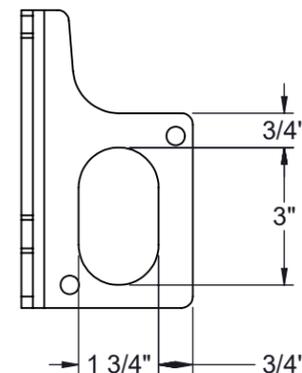
SHIP LOOSE ITEMS SECTION ITEMS

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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X.XX ±.060
X.XXX ±.030
Angles ±1°

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Third Angle Projection

Part weight

Drawn	ASV	Date Released	1/19/2018	Description	SP 40-50 TON SPLIT
Sheet	9/9		Page Title	SECTIONED LIFTING DETAILS GA	
Scale	NTS		Rev.	1	
Drawing Number			G1000-102		

ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"