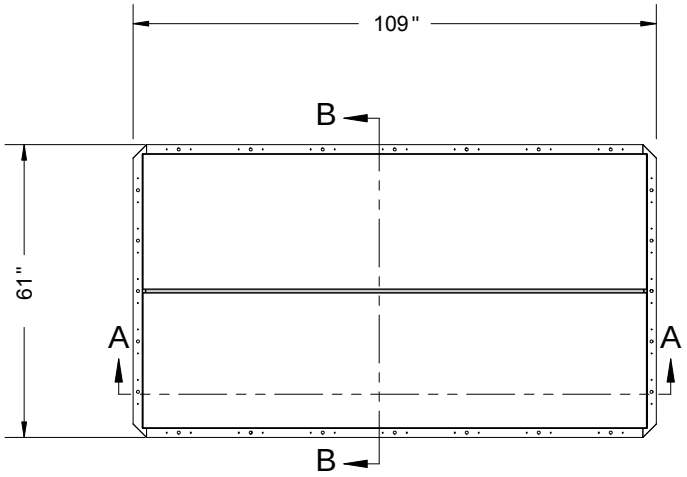
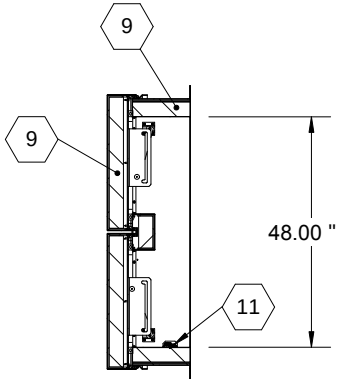
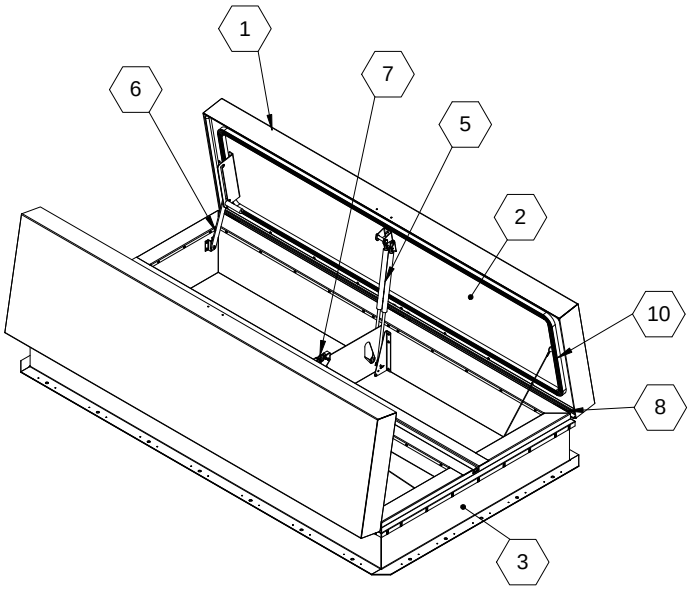
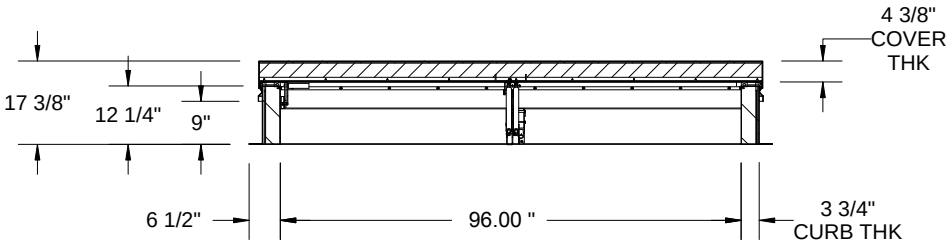




SECTION B-B





SECTION A-A

SPECIFICATIONS:

1. **COVER:** 14 GAUGE GALVANNEAL COVER STIFFENED TO WITHSTAND A LIVE LOAD OF 40 PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN
2. **LINER:** 14 GAUGE GALVANNEAL
3. **CURB AND COUNTERFLASH W/ EZ TAB:** DBL WALL CURB, 14 GAUGE GALVANNEAL
4. **FINISH: COVER -** POWDER COAT, HIGH REFLECT WHITE EXTERIOR, BLACK INTERIOR **CURB -** POWDER COAT, BLACK
5. **GAS SPRING WITH DAMPER:** DESIGNED TO OPEN AGAINST A 10PSF SNOW LOAD IN NOT LESS THAN 2 SECONDS
6. **HOLD OPEN ARM:** LOCKS COVER IN FULLY OPEN POSITION - ZINC PLATED STEEL
7. **LATCH**: ZINC PLATED ROTARY LATCH ASSEMBLY DESIGNED TO HOLD COVERS CLOSED AGAINST 90 PSF WIND UPLIFT ZINC PLATED STEEL LATCH STRIKERS ON COVERS
8. **HINGES:** 304 STAINLESS STEEL BUTT HINGE WITH 1/4" PIN
9. **INSULATION**: MINERAL WOOL W/ SOUND MAT, R-VALUE 12.6
10. **GASKETS:** ADHESIVE BACKED EPDM RUBBER EXTRUSION ON CURB AND COVER
11. **THERMAL RELEASE MECHANISM:** VENT COVERS OPEN THERMALLY BY HEAT AT FUSIBLE LINK TEMPERATURE 165 °F
12. **MANUAL OPERATION:** VENT COVERS OPEN WITH INTERNAL AND EXTERNAL MANUAL PULL HANDLES, 1/16" DIA SST CABLE, CLOSE VENT AT ROOFTOP
13. **ELECTRICAL RELEASE:** VENT COVERS OPEN ELECTRICALLY WHEN ENERGIZED WITH 24VAC/DC
14. **BURGLAR BARS:** NONE
15. **SOUND RATING:** STC50 PER ASTME90, OITC 39 PER ASTME1332

SMOKE VENT SIZE 48 "(WIDTH) x 96 "(LENGTH)

C UL US
LISTED
UL793

PROJECT:					
ARCHITECT:					
CONTRACTOR:					
QTY:					
PART#:				BSVYG48X96D2L165R	
babcockdavis 9300 73rd Avenue North Brooklyn Park, MN 55428				TITLE: Smoke Vent, Acoustical STC50, 48x96, Double Door, Galv Steel, Black Pwd, Wht Pwd Cvr Ext, Dbl Wall Curb	
	NAME	DATE	SIZE	DWG. NO. BSVYG48X96D2L165R	REV A
DRAWN	ELW	4/15/14	A		
RELEASED	ELW	4/15/14	WEIGHT: VARIES		SHEET 1 OF 2

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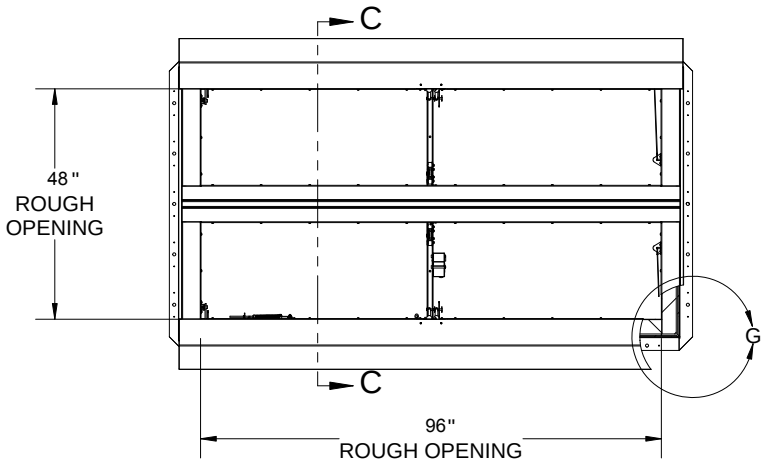
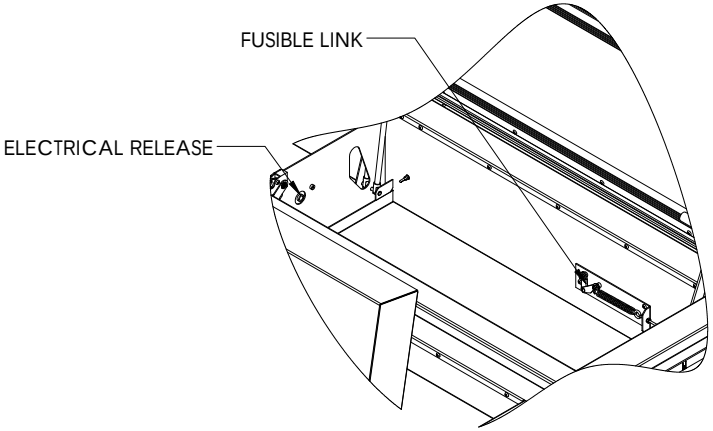
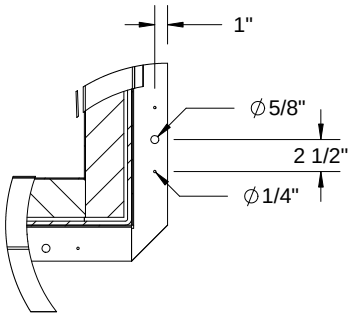
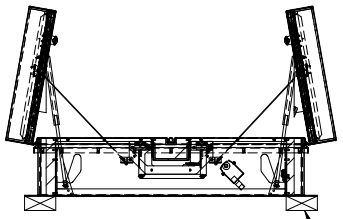






DETAIL G
SCALE 1 : 15



CONCRETE/WOOD/OTHER
MATERIAL PROVIDED BY OTHER
NIC

SECTION C-C

SMOKE VENT COVER OPENS WHEN ACTIVATED BY:

A. THERMAL RELEASE MECHANISM: RELEASED BY HEAT WITH A UL LISTED FUSIBLE LINK AT TEMPERATURE 165^{o}F

OPTIONS:165^{o}F, 212^{o}F, 280^{o}F, 350^{o}F, 360^{o}F, 370^{o}F, 386^{o}F, 450^{o}F

B. MANUAL OPENING: RELEASED BY EXTERNAL AND INTERNAL PULL CABLES WITH HANDLES AND 5FT OF INTERNAL CABLE PROVIDE

C. ELECTRICAL OPENING: RELEASED BY 2.5 WATT UL LISTED ROTARY ACTUATOR WHEN ENERGIZED TO 24VAC/DC.

SMOKE VENT COVER CLOSED MANUALLY FROM ROOFTOP

babcockdavis
9300 73rd Avenue North
Brooklyn Park, MN 55428

TITLE: Smoke Vent, Acoustical STC50, 48x96, Double Door, Galv Steel, Black Pwd, Wht Pwd Cvr Ext, Dbl Wall Curb

	NAME	DATE	SIZE	DWG. NO.	REV
				BSVYG48X96D2L165R	A
DRAWN	ELW	4/15/14	A		
RELEASED	ELW	4/15/14	WEIGHT: VARIES		SHEET 2 OF 2

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