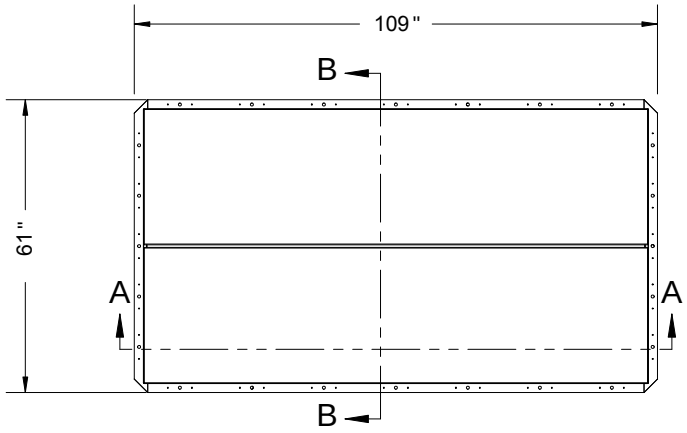
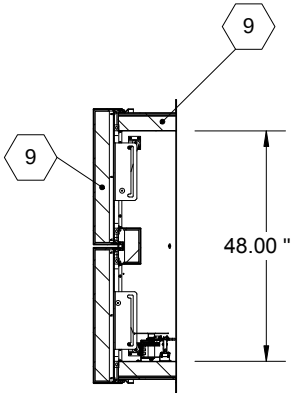
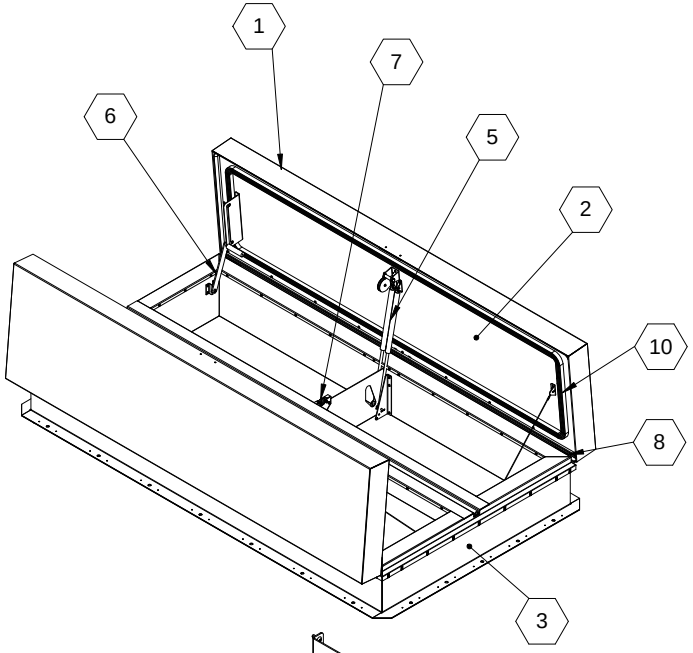
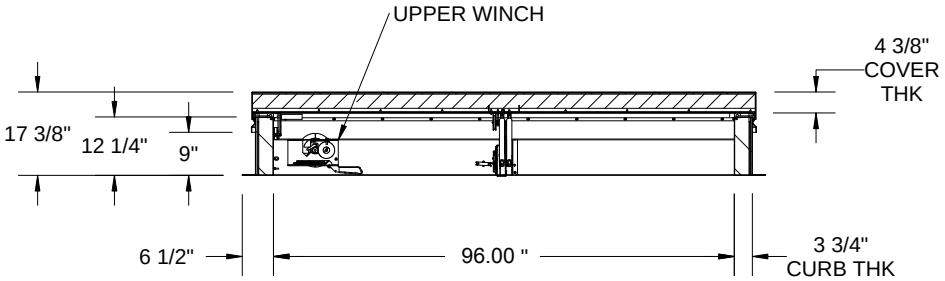


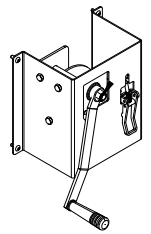


SECTION B-B





SECTION A-A



LOWER WINCH

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, 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 EXTERNAL MANUAL PULL HANDLE, 1/16" DIA SST CABLE AND VENT COVERS OPEN AND CLOSE WITH MANUAL WINCH, 100FT 1/8" DIA CABLE
13. **ELECTRICAL RELEASE:** NONE
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#:	BSVYG48X96D2N165W

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
DRAWN	ELW	4/15/14	A	BSVYG48X96D2N165W	A
RELEASED	ELW	4/15/14	WEIGHT: VARIES		SHEET 1 OF 2

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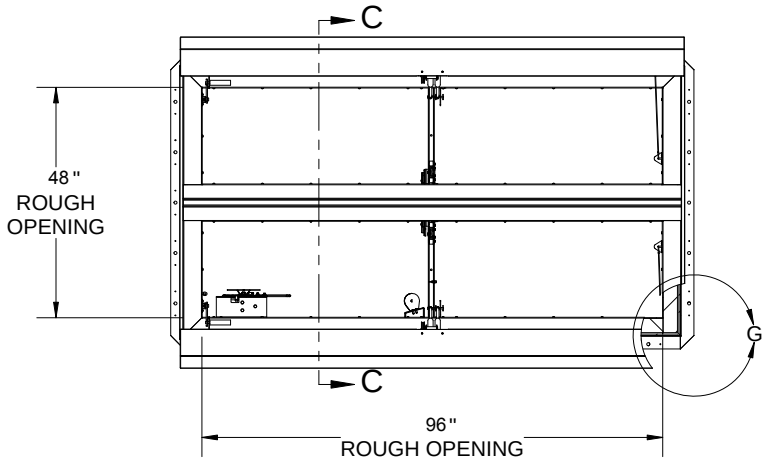
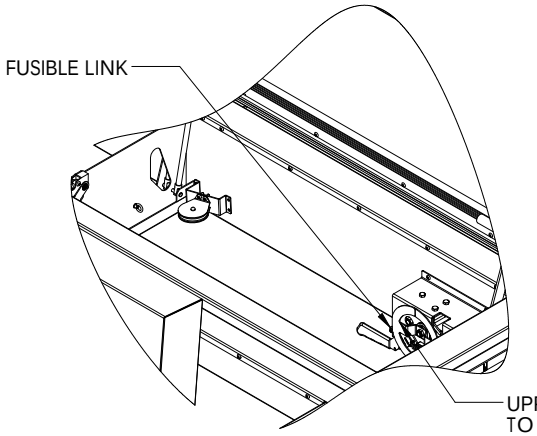
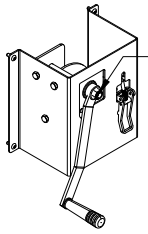
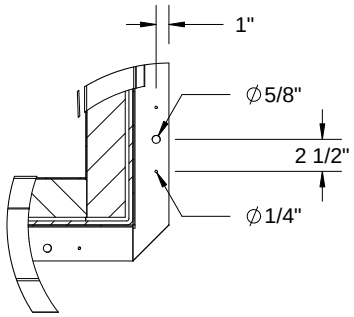
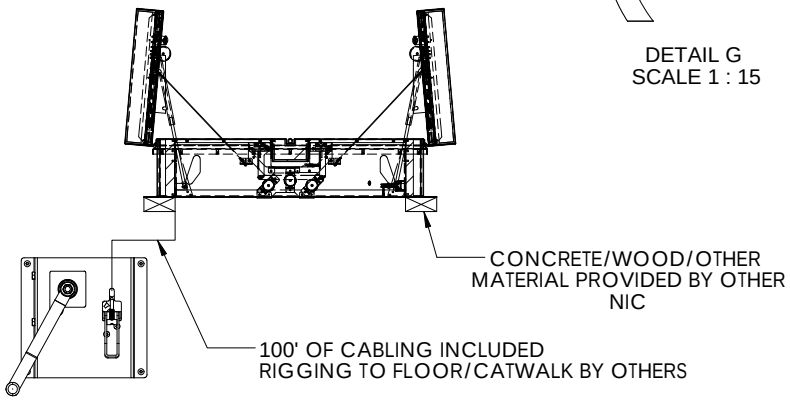








DETAIL G
SCALE 1 : 15



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°F. RESET AT ROOF LEVEL UPPER WINCH.

B. MANUAL OPENING:
ROOF LEVEL- RELEASED BY EXTERNAL PULL CABLE. RESET AT ROOF LEVEL UPPER WINCH.
FLOOR LEVEL- RELEASED BY INTERNAL PULL CABLE (UNLATCHES VENT) THEN UNWIND MANUAL WINCH.

SMOKE VENT COVERS CLOSE MANUALLY WITH MANUAL WINCH
1. MOVE LEVER TO DOWNWARD POSITION
2. WIND THE MANUAL WINCH TILL THE VENT LATCHES ENGAGE
3. RETURN THE LEVER TO THE UPWARD POSITION

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
DRAWN	ELW	4/15/14	A	BSVYG48X96D2N165W	A
RELEASED	ELW	4/15/14	WEIGHT: VARIES		SHEET 2 OF 2

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