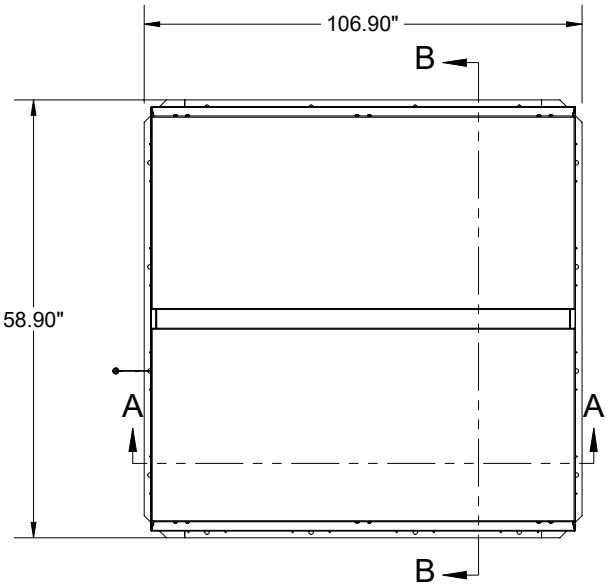
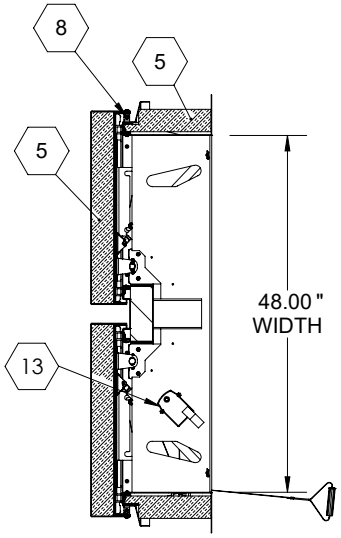
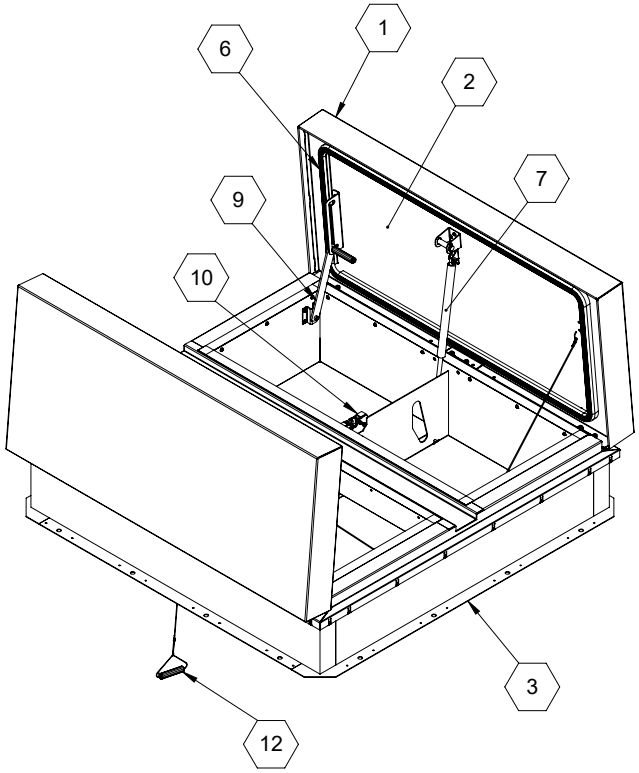
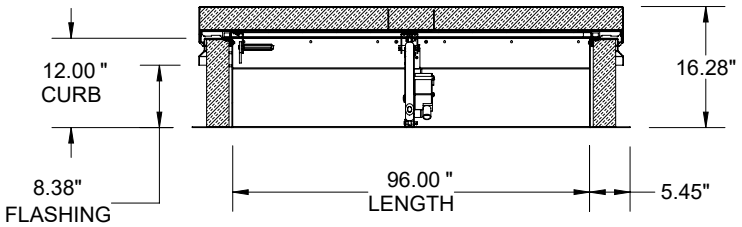




SECTION B-B





SECTION A-A

OPTIONS

☐ Double Wall Curb

C UL US
LISTED
UL793

SPECIFICATIONS:

1 **COVER:** 11 GA (.090") ALUM, STIFFENED TO WITHSTAND A LIVE LOAD OF 40 PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN

2 **LINER:** 11 GA (.090") ALUM

3 **CURB:** 11 GA (.090") ALUM, CURB COUNTERFLASH WITH EZ TABS.

4 **FINISH:** MILL

5 **INSULATION:** 3" POLYISO R-20+ IN CURB,
3" POLYISO R-20+ IN COVER

6 **GASKET:** EXTRUDED EPDM RUBBER ADHESIVE-BACKED GASKET SEAL CONTINUOUS AROUND COVER.

7 **SPRING:** GAS SPRINGS WITH DAMPER DESIGNED TO OPEN AGAINST A 10 PSF SNOW LOAD IN NOT LESS THAN 2 SECONDS.

8 **HINGE:** PINTLE HINGE WITH STAINLESS STEEL HINGE PINS

9 **HOLD OPEN ARM:** ZINC PLATED STEEL AUTOMATIC HOLD OPEN ARM LOCKS COVER IN FULLY OPEN POSITION

10 **LATCH**: ZINC PLATED STEEL ROTARY LATCH ASSEMBLY DESIGNED TO HOLD COVER CLOSED AGAINST 90 PSF WIND UPLIFT, ZINC PLATED STEEL LATCH STRIKE ON 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 24 VAC/DC

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

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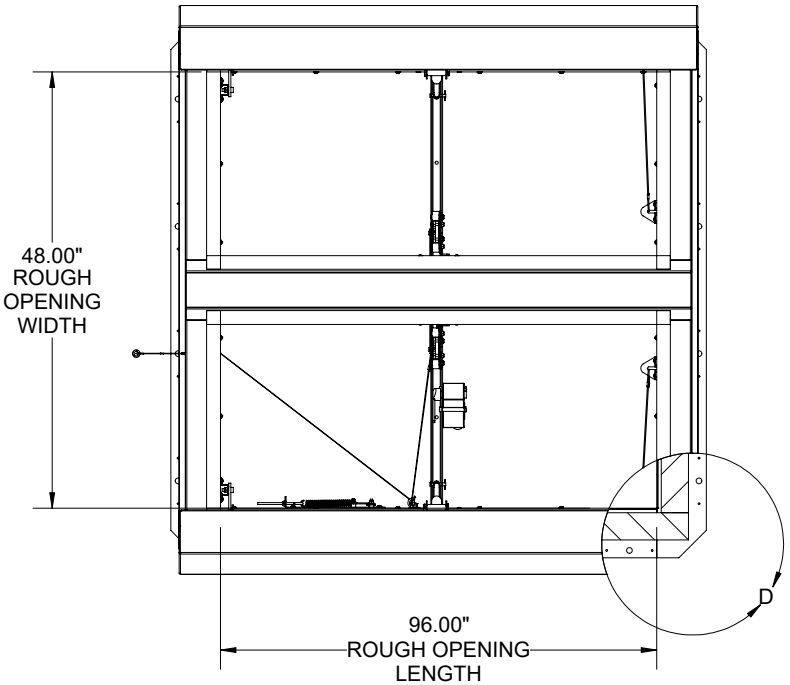
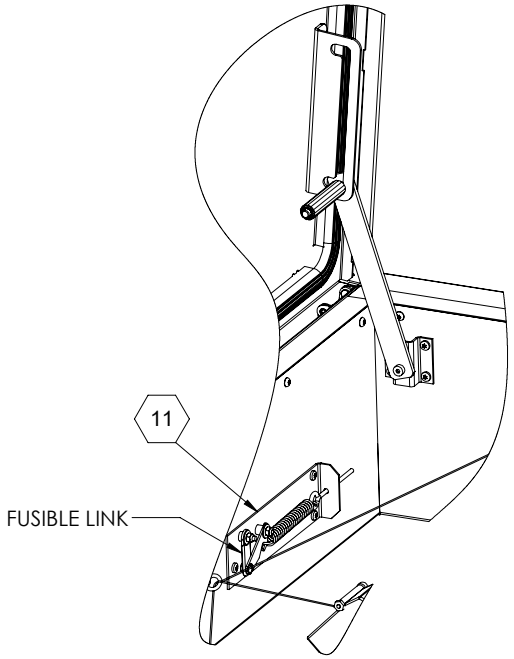
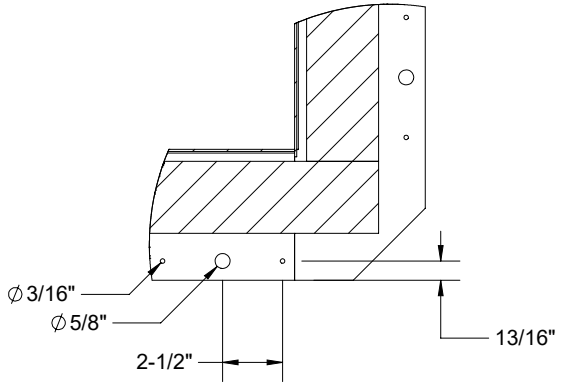
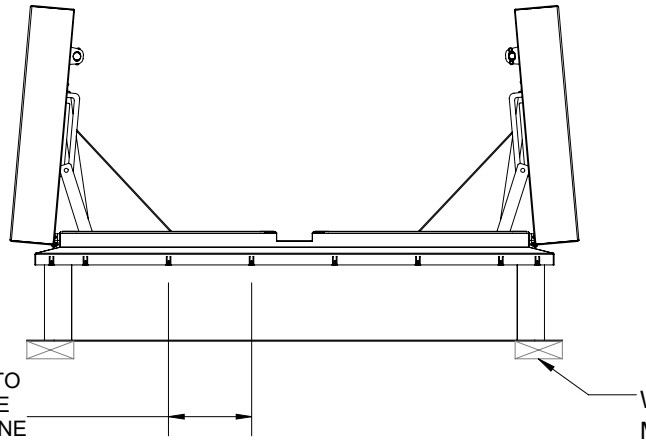
PROJECT:					
ARCHITECT:					
CONTRACTOR:					
QTY:					
PART#:				BSVTA48X96D1L165R	
babcockdavis® 9300 73rd Avenue North Brooklyn Park, MN 55428				TITLE: Smoke Vent, Thermally Broken 48x96, Dbl Dr, Alum, Mill, 12 in. Curb Height, Sngl Wall Curb,	
	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN			A	Babcock SV BSVTA_X_D___R ShpDr	-
RELEASED			WEIGHT:		SHEET 1 OF 2







DETAIL D
SCALE 1 : 8



SMOKE VENT COVER OPENS WHEN ACTIVATED BY:

A. THERMAL RELEASE MECHANISM: RELEASED BY HEAT WITH A UL LISTED FUSIBLE LINK AT TEMPERATURE 165ºF

OPTIONS: 165ºF, 212ºF, 280ºF, 350ºF, 360ºF, 370ºF, 386ºF, 450ºF

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 24 VAC/DC.

SMOKE VENT COVER CLOSED MANUALLY FROM ROOFTOP

babcockdavis®
9300 73rd Avenue North
Brooklyn Park, MN 55428

TITLE: Smoke Vent, Thermally Broken
48x96, Dbl Dr, Alum, Mill,
12 in. Curb Height, Sngl Wall Curb,

	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN			A	Babcock SV BSVTA_X_D___R ShpDr	-
RELEASED			WEIGHT:		SHEET 2 OF 2

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