

SECTION A-A

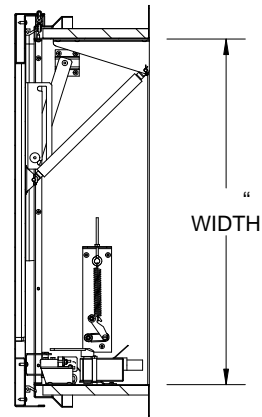
SPECIFICATIONS:

- ① **COVER:** 11 GAUGE ALUMINUM COVER STIFFENED TO WITHSTAND A LIVE LOAD OF 40 PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN
- ② **LINER:** 18 GAUGE ALUMINUM
- ③ **CURB AND COUNTERFLASH W/ EZ TAB:** 11 GAUGE ALUMINUM
- ④ **FINISH:** COVER- MILL
CURB- MILL
- ⑤ **GAS SPRING WITH DAMPER:** DESIGNED TO OPEN AGAINST A 10PSF SNOW LOAD IN NOT LESS THAN 2 SECONDS
- ⑥ **HOLD OPEN ARM:** LOCK COVER IN FULLY OPEN POSITION - ZINC PLATED STEEL
- ⑦ **LATCH:** ZINC PLATED ROTARY LATCH ASSEMBLY DESIGNED TO HOLD COVERS CLOSED AGAINST 30 PSF WIND UPLIFT ZINC PLATED STEEL LATCH STRIKERS ON COVERS

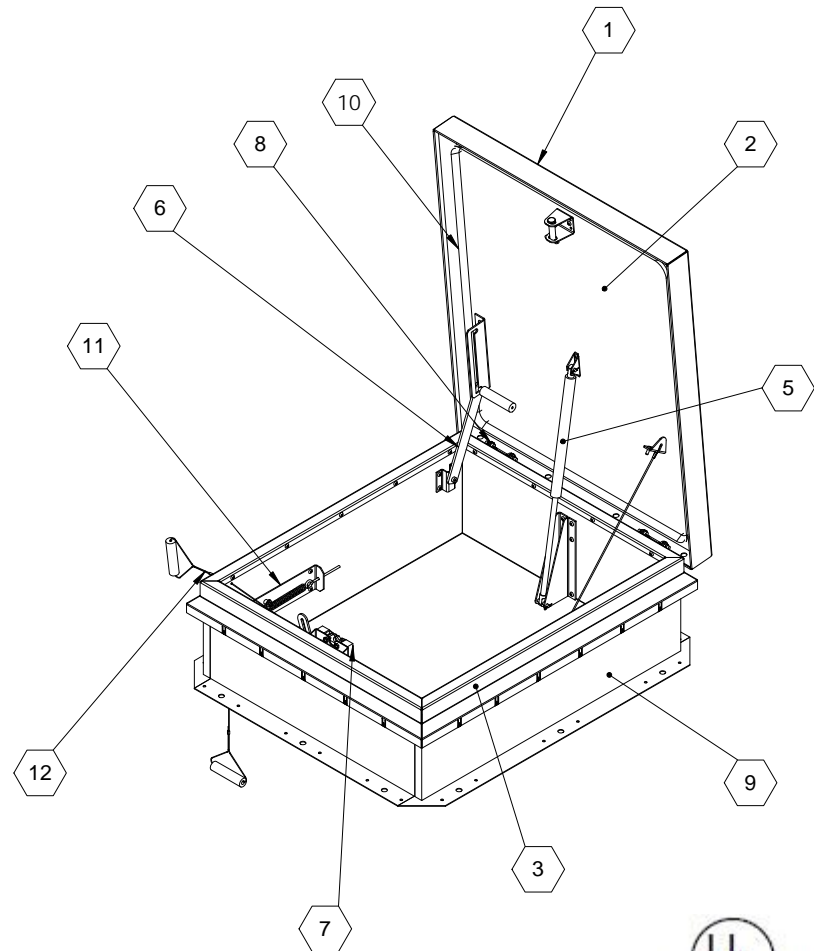
- ⑧ **HINGES:** ZINC PLATED STEEL WITH STAINLESS STEEL HINGE PINS
- ⑨ **INSULATION:** 1" POLYISOCYANURATE IN COVER AND AROUND CURB PERIMETER, R-VALUE 6
- ⑩ **GASKET:** ADHESIVE BACKED EPDM RUBBER EXTRUSION
- ⑪ **THERMAL RELEASE MECHANISM:** VENT COVERS OPEN THERMALLY BY HEAT AT FUSIBLE LINK TEMPERATURE °F
- ⑫ **MANUAL OPENING:** VENT COVERS OPEN WITH INTERNAL AND EXTERNAL MANUAL PULL HANDLE, 1/16" DIA SST CABLE
- ⑬ **ELECTRICAL RELEASE:** VENT COVERS OPEN ELECTRICALLY WHEN ENERGIZED WITH 110VAC/240VAC


SMOKE VENT SIZE (WIDTH) x (LENGTH)

EFFECTIVE VENTING AREA 90% FT²

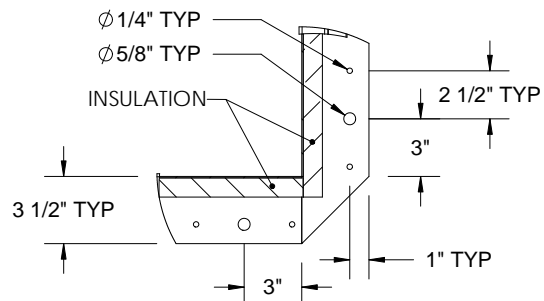
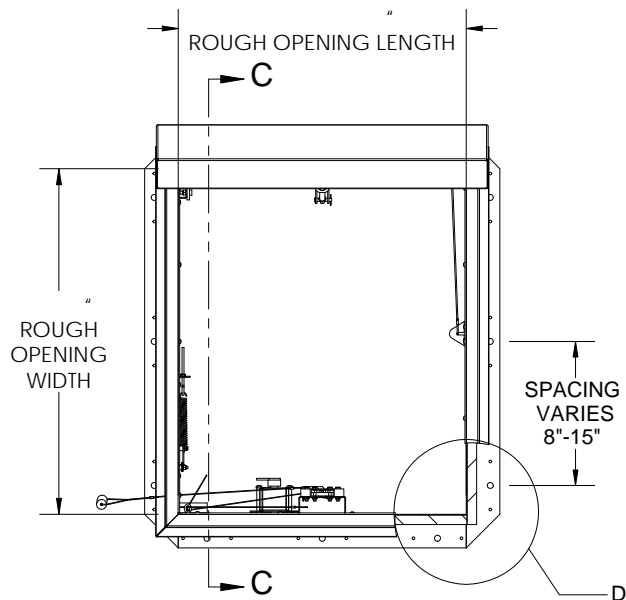


SECTION B-B



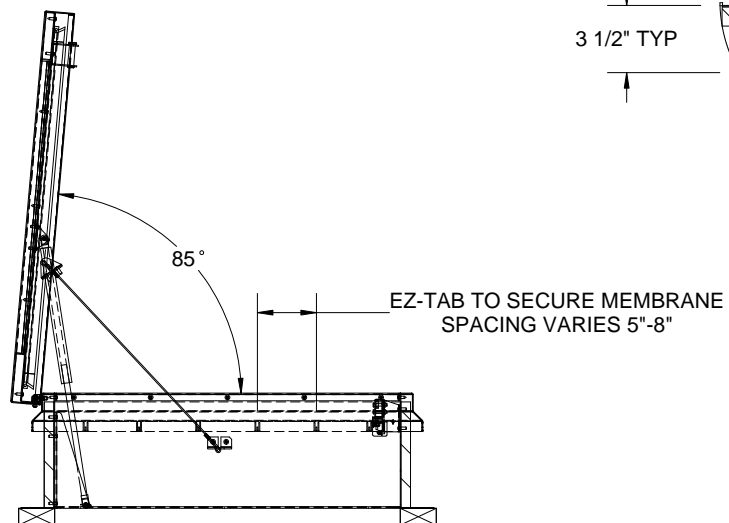
PROJECT:					
ARCHITECT:					
CONTRACTOR:					
QTY:					
PART#:		BSVSA	X	S1	R
 9300 73rd Avenue North Brooklyn Park, MN 55428		TITLE: Smoke Vent SafeMAX Series Alum, Sngl Dr, Sngl Wall Curb			
NAME	DATE	SIZE	DWG. NO.	REV	
DRAWN BMH	05/04/11	A	BSVSA_X_S1_R	A	
RELEASED DS	05/04/11	WEIGHT: VARIES			SHEET 1 OF 2

B



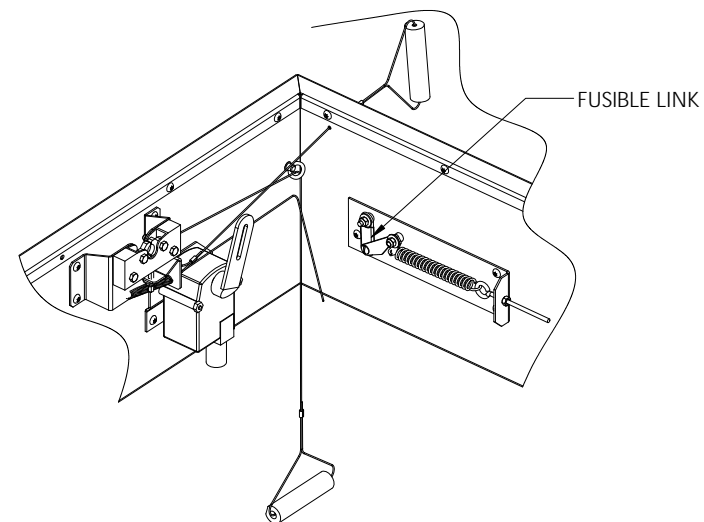
DETAIL D

A



SECTION C-C

CONCRETE/WOOD/OTHER
MATERIAL PROVIDED BY OTHER
NIC



B

SMOKE VENT COVER OPENS WHEN ACTIVATED BY:

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

OPTIONS: 165°F, 212°F, 280°F, 350°F, 360°F, 370°F, 386°F, 450°F

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

C. ELECTRICAL RELEASE: RELEASED BY A 2.5 WATT UL LISTED ROTARY ACTUATOR WHEN ENERGIZED TO

SMOKE VENT COVER CLOSED MANUALLY FROM ROOFTOP

A

Babcock-Davis
Always right there.
9300 73rd Avenue North
Brooklyn Park, MN 55428

TITLE: Smoke Vent SafeMAX Series
Alum, Sngl Dr, Sngl Wall Curb

	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	BMH	05/04/11	A	BSVSA_X_S1_R	A
RELEASED	DS	05/04/11	WEIGHT: VARIES		SHEET 2 OF 2