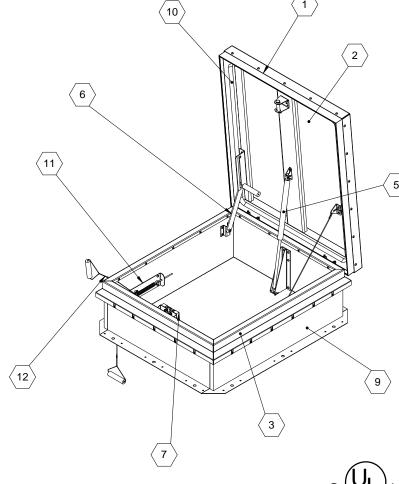


**SECTION B-B** 



3 1/2" LENGTH

## **SECTION A-A**

## SPECIFICATIONS:

В

- (1) COVER: ALUMINUM EXTRUSION WITH 11GA ALUM RETAINER TO WITHSTAND A LIVE LOAD OF 40 PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN
- (2) TRANSLUCENT MATERIAL: POLYCARBONATE DOME WHITE
- (3) CURB AND COUNTERFLASH W/ EZ TAB: 11 GAUGE ALUMINUM
- FINISH: COVER- MILL **CURB-** MILL

WRITTEN PERMISSION OF BABCOCK-DAVIS IS PROHIBITED.

- (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
- $\langle \overline{7} \rangle$  Latch: Zinc plated rotary latch assembly designed TO HOLD COVERS CLOSED AGAINST 30 PSF WIND UPLIFT

- (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
- (12) MANUAL OPENING: VENT COVERS OPEN WITH INTERNAL AND EXTERNAL MANUAL PULL HANDLE, 1/16" DIA SST CABLE

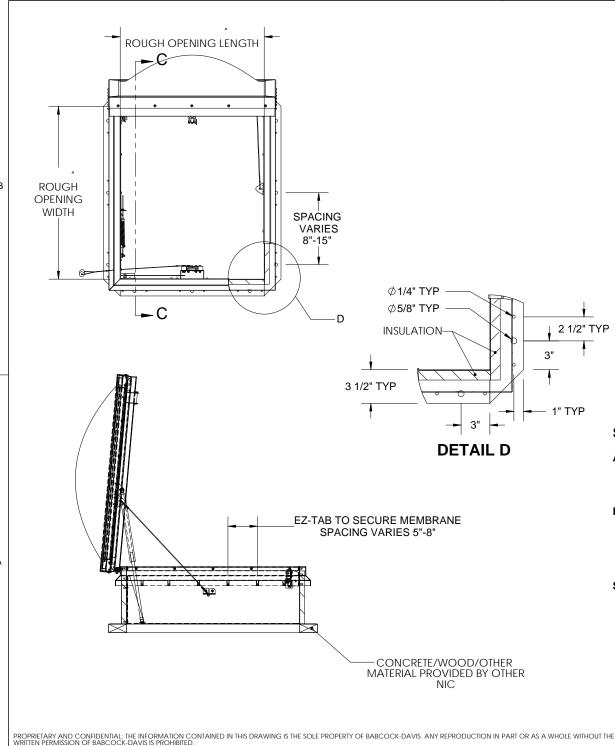
**SMOKE VENT SIZE** (WIDTH) x (LENGTH)

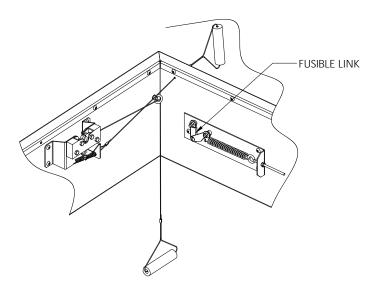
**EFFECTIVE VENTING AREA 90%** 

ZINC PLATED STEEL LATCH STRIKERS ON COVERS
PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BABCOCK-DAVIS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE

PROJECT: ARCHITECT: CONTRACTOR: QTY: PART#: BSVLA S1N R-LPW TITLE: Smoke Vent, LightMAX Series Babcock-Davise Alum, Sngl Dr, Sngl Wall Curb 9300 73rd Avenue North Brooklyn Park, MN 55428 NAME DATE SIZE DWG. NO. REV Α BSVLA\_X\_S1N\_R-LPW Α DRAWN **BMH** 05/04/11 RELEASED WEIGHT: VARIES SHEET 1 OF 2 DS 05/04/11

2





## SMOKE VENT COVER OPENS WHEN ACTIVATED BY:

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

**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

## SMOKE VENT COVER CLOSED MANUALLY FROM ROOFTOP

	Babcock-Davis  Babcock-Davis  9300 73rd Avenue North Brooklyn Park, MN 55428				TITLE: Smoke Vent, LightMAX Series Alum, Sngl Dr, Sngl Wall Curb		
		NAME	DATE	SIZE	DWG. NO.		REV
F	DRAWN	ВМН	05/04/11	Α	BSVLA_X_S1N_R-LPW		A
	RELEASED	DS	05/04/11	WE	WEIGHT: VARIES SHEET 2		