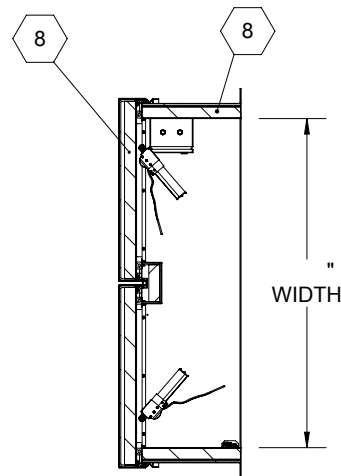
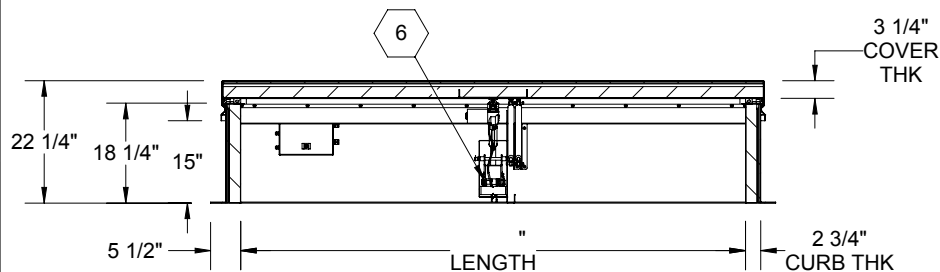


SECTION A-A



SECTION B-B



## 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, 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 **LATCH:** ZINC PLATED ROTARY LATCH ASSEMBLY

⑦ **HINGES:** 304 STAINLESS STEEL BUTT HINGE WITH 1/4" PIN

⑧ **INSULATION:** MINERAL WOOL W/ SOUND MAT, R-VALUE 10

⑨ **GASKETS:** ADHESIVE BACKED EPDM RUBBER EXTRUSION ON CURB AND COVER

⑩ **THERMAL RELEASE MECHANISM:** VENT COVERS OPEN THERMALLY BY HEAT AT FUSIBLE LINK TEMPERATURE °F

11 **MANUAL OPERATION:**

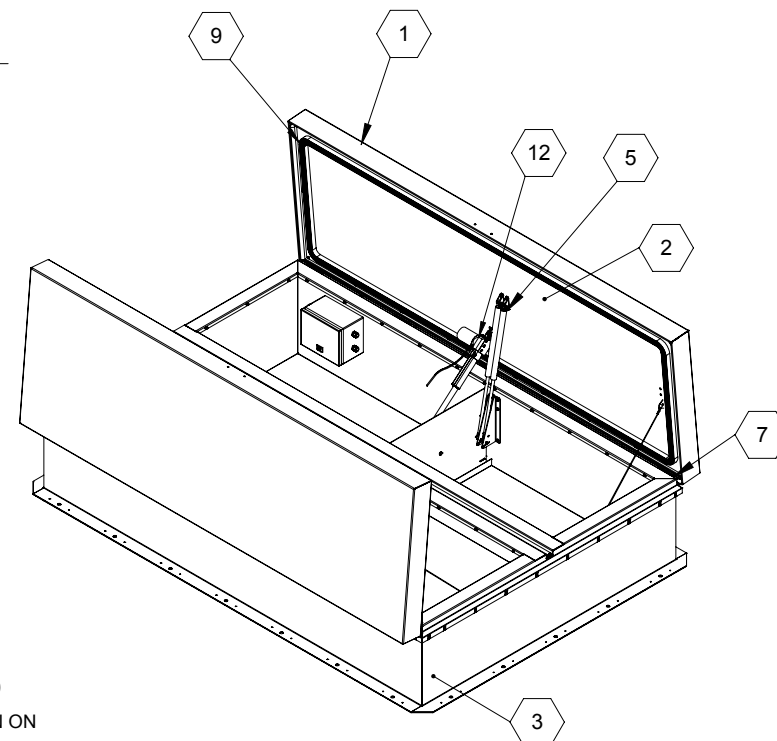
VENT COVERS OPEN WITH INTERNAL AND EXTERNAL MANUAL PULL HANDLES, 1/16" DIA SST CABLE, CLOSE VENT AT ROOFTOP


⑫ **ELECTRICAL RELEASE/CONTROL:**

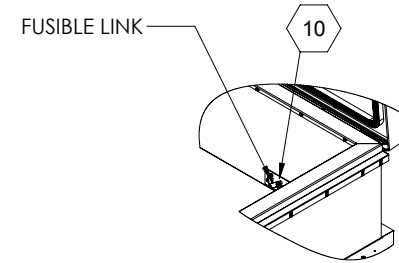
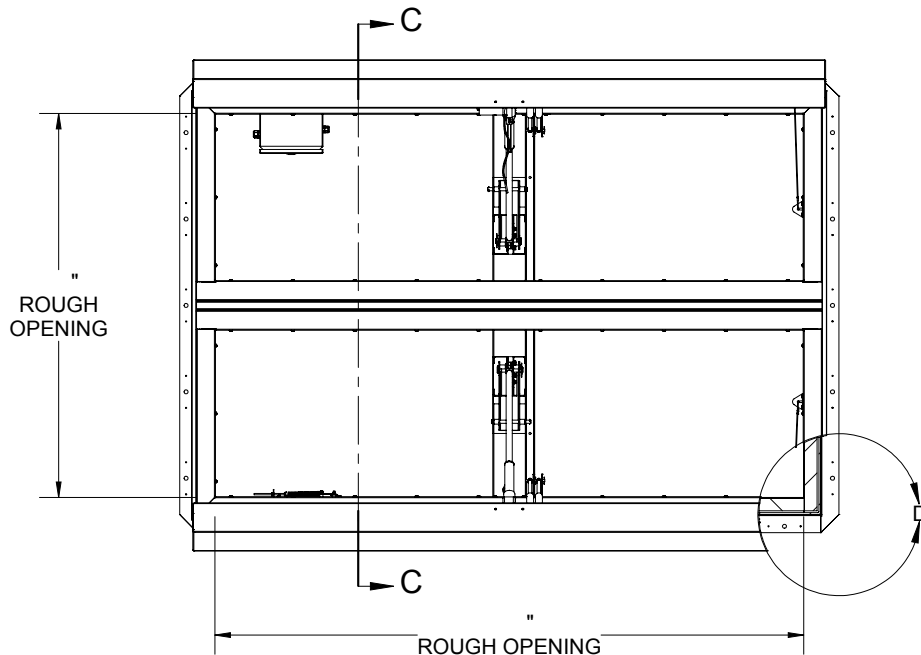
LINEAR ACTUATORS DRIVE THE COVERS OPEN AND CLOSED, CONTROLLED BY A USER PUSH BUTTON PENDANT. SYSTEM MUST BE POWERED BY 120/240 VAC

13 **SOUND RATING:** STC48 PER ASTM E90, OITC 36 PER ASTM E1332

**SMOKE VENT SIZE:**



PROJECT:			
ARCHITECT:			
CONTRACTOR:			
QTY:			
PART#:			
		TITLE: Smoke Vent, Acoustical STC48,	
		Galvn Steel, Black Pwd, Wht Pwd Cvr Ext, Dbl Wall Curb,	
9300 73rd Avenue North, Brooklyn Park, MN 55428			
NAME	DATE	SIZE	DWG. NO.
DRAWN	BES	A	BSVXG_X_D2A_L-H18
RELEASED	BES	WEIGHT: VARIES	SHEET 1 OF 2



SMOKE VENT COVERS OPEN 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

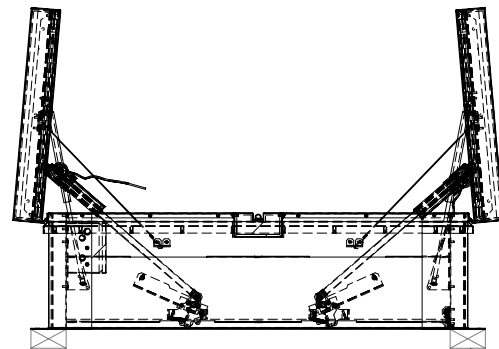
C. ELECTRICAL OPENING:

- i. PUSH BUTTON CONTROLLER, HOLD BUTTON TO OPEN
- ii. 24 VDC RELAY INCLUDED IN CONTROL BOX TO RECEIVE OPTIONAL SIGNAL FROM FIRE ALARM, SMOKE DETECTOR, ETC BY OTHERS

SMOKE VENT COVERS CLOSE WHEN ACTIVATED BY:

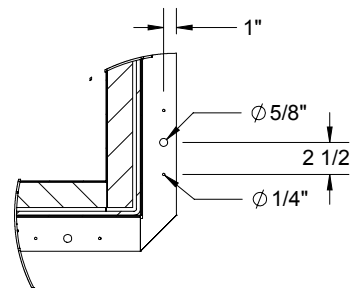
A. ELECTRICAL PUSH BUTTON CONTROLLER, HOLD BUTTON TO CLOSE

B. MANUALLY FROM ROOFTOP IF MANUALLY OR THERMALLY OPENED (AFTER THERMAL LINK IS REPLACED)



CONCRETE/WOOD/OTHER  
MATERIAL PROVIDED BY OTHER  
NIC

### SECTION C-C



### DETAIL D



9300 73rd Avenue North,  
Brooklyn Park, MN 55428

TITLE: Smoke Vent, Acoustical STC48,

Galvn Steel, Black Pwd, Wht Pwd Cvr Ext,  
Dbl Wall Curb,

	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	BES		A	BSVXG_X_D2A_L-H18	-
RELEASED	BES		WEIGHT: VARIES		SHEET 2 OF 2