

SECTION A-A

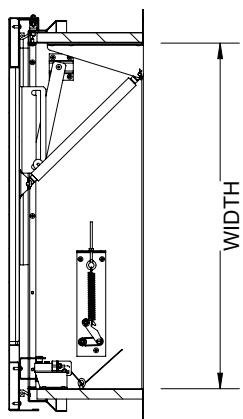
SPECIFICATIONS:

- ① **COVER:** 14 GAUGE GALVANIZED STEEL COVER STIFFENED TO WITHSTAND A LIVE LOAD OF 40 PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN
- ② **LINER:** 22 GAUGE GALVANIZED STEEL
- ③ **CURB AND COUNTERFLASH W/ EZ TAB:** 14 GAUGE GALVANIZED STEEL
- ④ **FINISH:** POWDER COAT PAINT, HIGH REFLECTANCE WHITE
- 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 90 PSF WIND UPLIFT ZINC PLATED STEEL LATCH STRIKERS ON COVERS

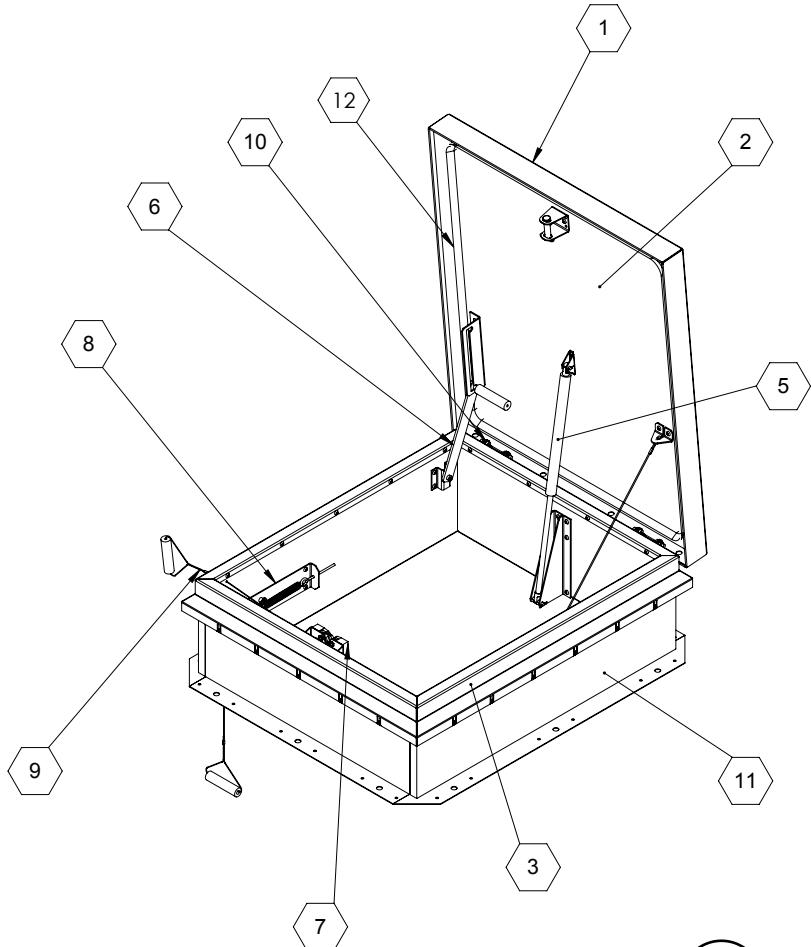
- ⑧ **THERMAL RELEASE MECHANISM:** VENT COVERS OPEN THERMALLY BY HEAT AT FUSIBLE LINK TEMPERATURE °F
- ⑨ **MANUAL OPENING:** VENT COVERS OPEN WITH INTERNAL AND EXTERNAL MANUAL PULL HANDLE, 1/16" DIA SST CABLE
- ⑩ **HINGES:** ZINC PLATED STEEL WITH STAINLESS STEEL HINGE PINS
- ⑪ **INSULATION:** 1" POLYISOCYANURATE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

SMOKE VENT SIZE (WIDTH) x (LENGTH)
EFFECTIVE VENTING AREA 90% FT²

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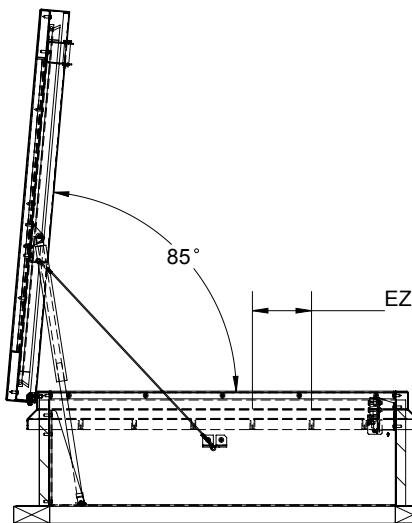
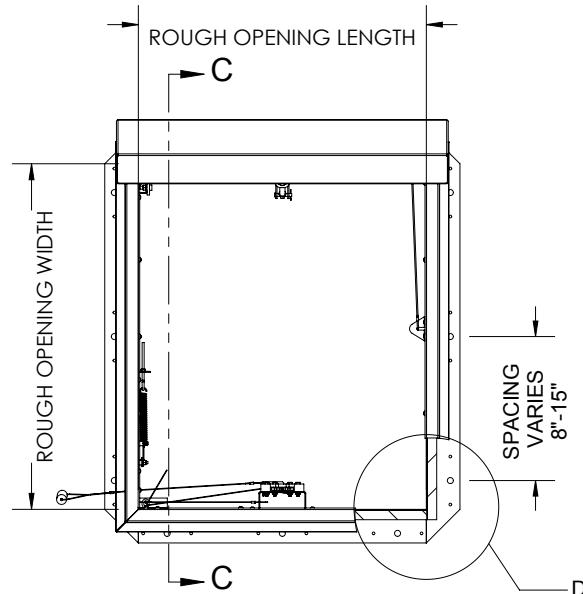


SECTION B-B

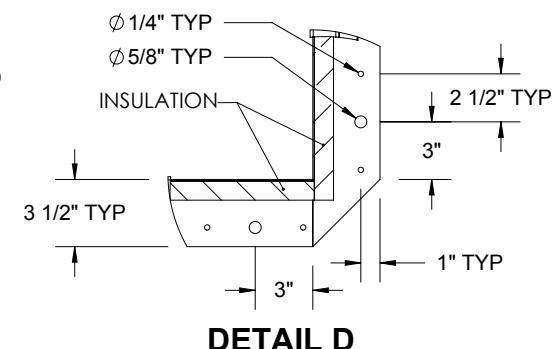


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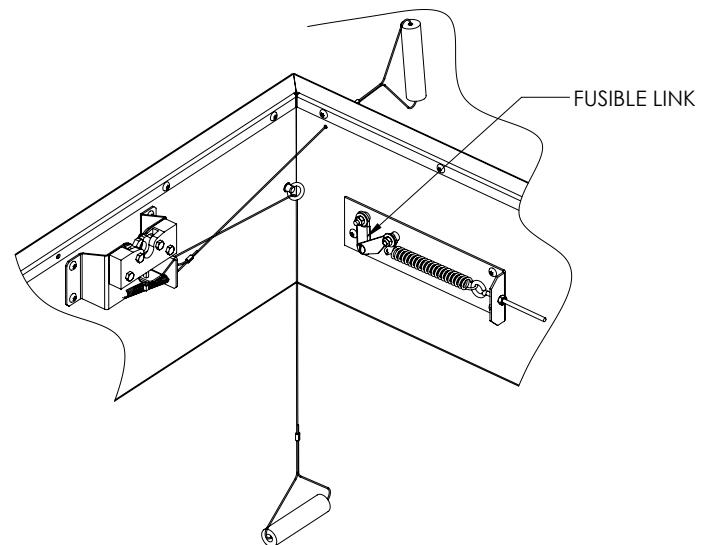
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|---|--|----------|----------------|---------------|
| PROJECT: | | | | |
| ARCHITECT: | | | | |
| CONTRACTOR: | | | | |
| QTY: | | | | |
| PART#: | BSVSW X S1N R | | | |
| babcockdavis | TITLE: Smoke Vent SafeMax Series Gavln, Sngl Dr, Sngl Wall Curb | | | |
| 9300 73rd Avenue North Brooklyn Park, MN 55428 | NAME | DATE | SIZE | DWG. NO. |
| DRAWN | BMH | 05/04/11 | A | BSVSW_X_S1N_R |
| RELEASED | DS | 05/04/11 | REV | A |
| | | | WEIGHT: VARIES | SHEET 1 OF 2 |



SECTION C-C



DETAIL D



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

SMOKE VENT COVER CLOSED MANUALLY FROM ROOFTOP

babcockdavis

9300 73rd Avenue North
Brooklyn Park, MN 55428

TITLE: Smoke Vent SafeMax Series
Gavln, Sngl Dr, Sngl Wall Curb

| | NAME | DATE | SIZE | DWG. NO. | REV |
|----------|------|----------|------|----------------|-----|
| DRAWN | BMH | 05/04/11 | A | BSVSW_X_S1N_R | A |
| RELEASED | DS | 05/04/11 | | WEIGHT: VARIES | |