

## **SECTION A-A**

## SPECIFICATIONS:

- (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
- (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
- $\langle 7 \rangle$  Latch: Zinc plated rotary latch assembly designed TO HOLD COVERS CLOSED AGAINST 30 PSF WIND UPLIFT ZINC PLATED STEEL LATCH STRIKERS ON COVERS PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NYSTROM. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NYSTROM IS PROHIBITED.

- $\langle 8 \rangle$  HINGES: ZINC PLATED STEEL WITH STAINLESS STEEL HINGE PINS
- (9) INSULATION: 1" POLYISOCYANURATE IN COVER AND AROUND CURB PERIMETER, R-VALUE 6

**SECTION B-B** 

- (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

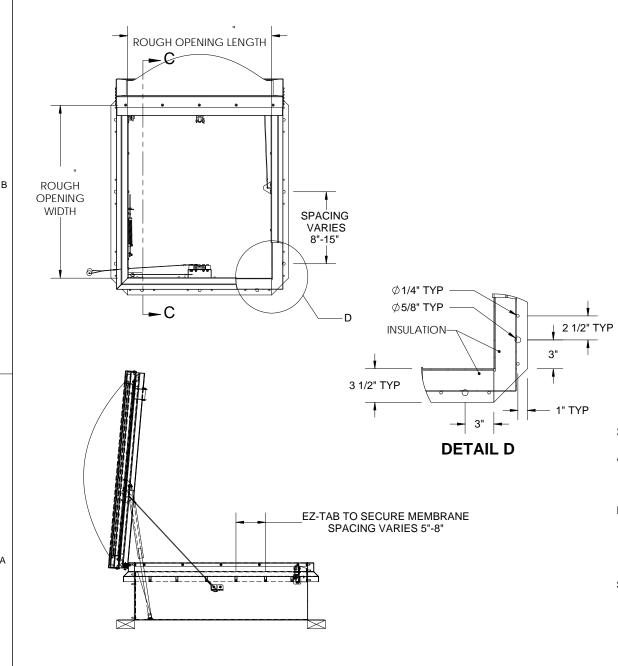
**SMOKE VENT SIZE** (WIDTH) x (LENGTH)

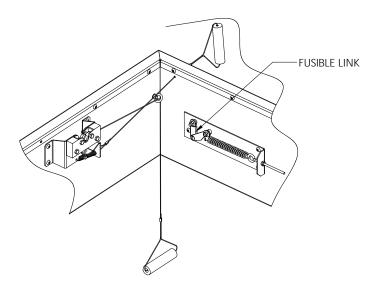
**EFFECTIVE VENTING AREA 90%** 

CONTRACTOR: QTY: PART#: SVLA S1N R-LPW Х TITLE: Smoke Vent, SunLit Series NYSTROM Alum, Sngl Dr, Sngl Wall Curb Right to site. 9300 73rd Avenue North Brooklyn Park, MN 55428 SIZE DWG. NO. REV NAME DATE SVLA\_X\_S1N\_R-LPW Α DRAWN 05/04/11 RELEASED WEIGHT: VARIES SHEET 1 OF 2 DS 05/04/11

PROJECT:

ARCHITECT:





## SMOKE VENT COVER OPENS WHEN ACTIVATED BY:

A. THERMAL RELEASE MECHANISM: RELEASED BY HEAT WITH A ULLISTED 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

TITLE: Smoke Vent, SunLit Series NYSTROM Alum, Sngl Dr, Sngl Wall Curb 9300 73rd Avenue North Brooklyn Park, MN 55428 NAME DATE SIZE DWG. NO. REV SVLA\_X\_S1N\_R-LPW Α DRAWN 05/04/11 RELEASED DS WEIGHT: VARIES SHEET 2 OF 2 05/04/11

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