

LOMANCO, INC.

SERIES OSV-40 SOLAR VENT AND PANEL

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, EVALUATED AND DESIGNED WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE. TESTING WAS CONDUCTED IN ACCORDANCE WITH ASTM E330-02 BY CONSTRUCTION CONSULTING LABORATORY INTERNATIONAL TEST REPORT NO. CCLI-12-001 DATED 01/27/12.
2. THIS PRODUCT EVALUATION DOCUMENT IS NOT FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
3. ADEQUACY OF THE EXISTING STRUCTURAL ROOF SHEATHING AND SUPPORTING FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. SOLAR VENT AND PANEL MAY BE INSTALLED ON ROOF WITH SLOPES FROM 9 DEGREES (2" RISE OVER 12" RUN) TO 45 DEGREES (RISE EQUALS RUN).
6. THIS PRODUCT EVALUATION DOCUMENT ADDRESSES THE STRUCTURAL ATTACHMENT OF THE ROOF VENT TO THE ROOF SHEATHING ONLY. PREPARATION OF THE ROOF SHEATHING AND ROOF COVERING(S) TO RECEIVE THE ROOF VENT SHALL BE PER THE MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE AND CHAPTER 9 OF THE FLORIDA RESIDENTIAL CODE.
7. THIS APPROVAL IS FOR THE STRUCTURAL PERFORMANCE ONLY. IMPACT RESISTANCE WAS NOT TESTED. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS PRODUCT APPROVAL DOCUMENT.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION:
 - 2.1. MINIMUM ANCHOR QUANTITY:
 - 2.1.1. A MINIMUM OF SIXTEEN (16) ANCHORS SHALL BE USED TO FASTEN THE VENT.
 - 2.1.2. A MINIMUM OF FOUR (4) ANCHORS SHALL BE USED, ON EACH SOLAR PANEL MOUNTING BRACKET.
3. ANCHOR TYPE AND SIZE:
 - 3.1. FOR INSTALLATION OF VENT, USE RING SHANK ROOFING NAILS, MINIMUM 1-1/4"x0.120" (11GA.)x $\frac{3}{8}$ " HEAD INTO $\frac{3}{8}$ " MINIMUM THICKNESS PLYWOOD OR OSB SHEATHING WITH $\frac{3}{8}$ " MINIMUM EMBEDMENT.
 - 3.2. FOR INSTALLATION OF EACH SOLAR PANEL BRACKET, #8 OR #10x1 $\frac{1}{2}$ " SHEET METAL SCREWS INTO $\frac{3}{8}$ " MINIMUM THICKNESS PLYWOOD OR OSB SHEATHING WITH $\frac{3}{8}$ " MINIMUM EMBEDMENT.
4. ADDITIONAL INSTALLATION INSTRUCTIONS
 - 4.1. PRODUCT SHALL NOT BE INSTALLED ON ROOF SHEATHING LESS THAN THE REQUIRED THICKNESS AS REQUIRED BY THE FLORIDA BUILDING CODE.
 - 4.2. PRODUCT CAN BE INSTALLED ON ROOFS UTILIZING ASPHALT SHINGLES.

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SHEET	DESCRIPTION
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2	VENT - TOP, SIDE, SECTION VIEW, ANCHORING
3	SOLAR PANEL - TOP AND SECTION VIEWS, ANCHORING
4	FLAT AND ANGLED MOUNT ASSEMBLY

PERFORMANCE RATING - NON HVHZ

DESIGN PRESSURE (PSF)	IMPACT RATING
+/-85	NONE

PROJECT #422-0206

LOMANCO, INC.

2101 WEST MAIN ST.
JACKSONVILLE, AR 72076

SERIES OSV-40 SOLAR VENT AND PANEL
GENERAL NOTES & INSTALLATION NOTES

PREPARED BY:

DATE

4/12/2022

DRAWING NO

LOM0001

SHEET

1 of 4

REV

DESCRIPTION

DATE

BY

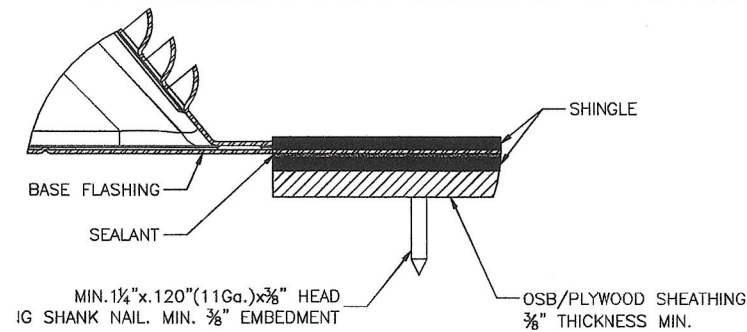
James D. Wells, P.E.
Florida P.E. No. 63616

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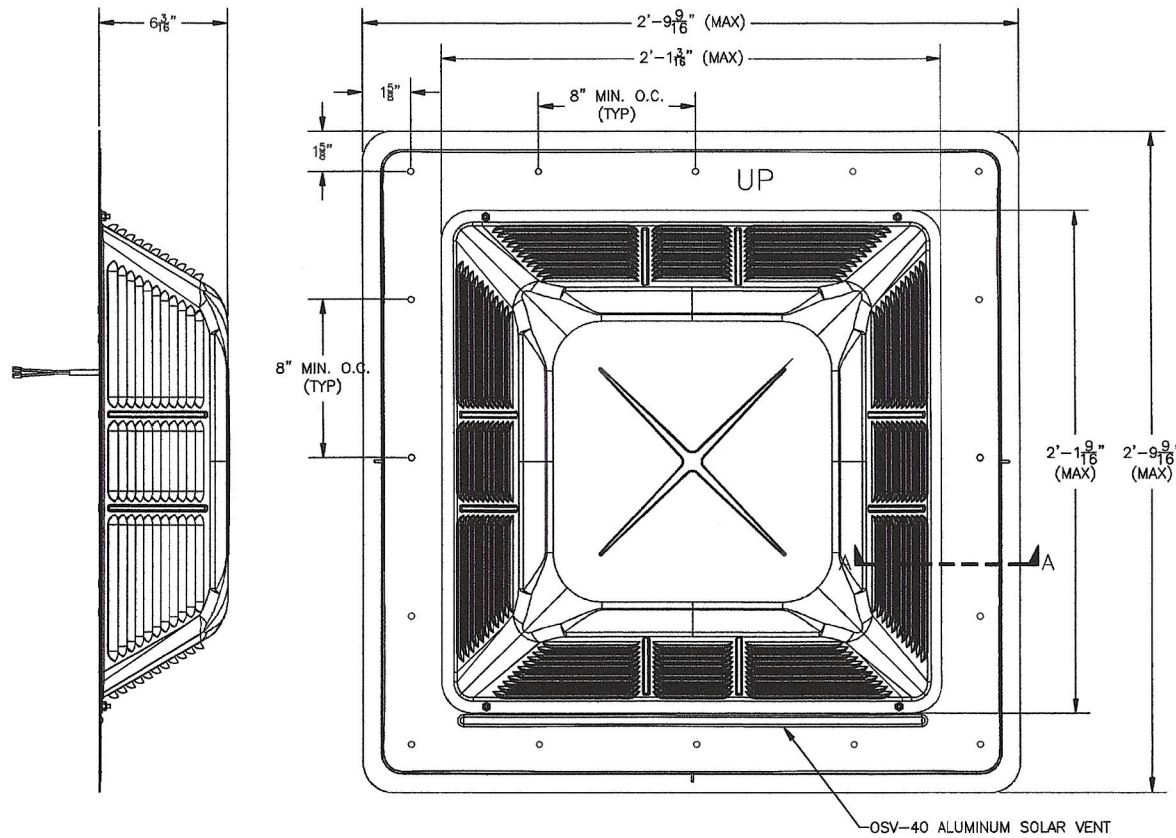


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No. 25935



SECTION A-A



ANCHORING

PROJECT #422-0208

LOMANCO, INC.
2101 WEST MAIN ST.
JACKSONVILLE, AR 72076

SERIES OSV40 SOLAR VENT AND PANEL
VENT - TOP, SIDE, SECTION VIEW, ANCHORING

DATE	4/12/2022
DRAWN BY	DAS
SCALE	N.T.S.
REV.	---
SHEET	2 of 4



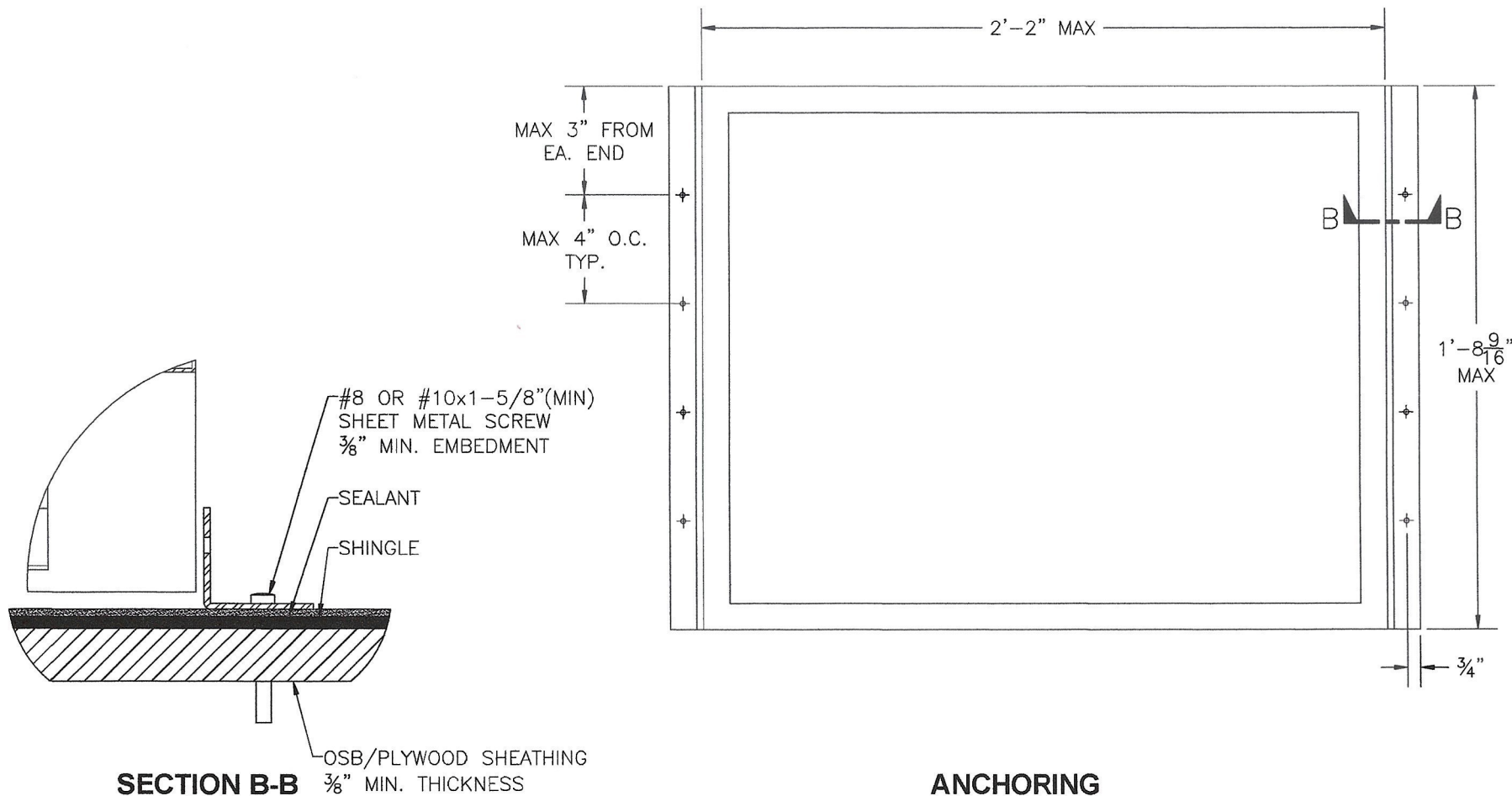
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ANCHORING

PROJECT #422-0206

TITLE	LOMANCO, INC 2101 WEST MAIN ST. JACKSONVILLE, AR 72076				DATE	4/12/2022				DRAWING NO	LOM0001				SHEET	3 of 4											
	SERIES OSV40 SOLAR VENT AND PANEL SOLAR PANEL- TOP AND SECTION VIEWS, ANCHORING																										
	PREPARED BY:					DRAWN BY:					SCALE:					N.T.S.				REV				---			
						DAS																					

James D. Wells, P.E.
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