



TUBULAR SKYLIGHT "TS" MODEL "NON-IMPACT"

DBA:

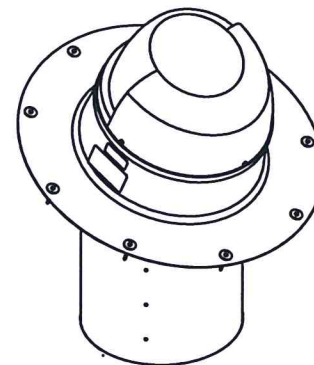
Tru Lite
SolarSkylite
Kennedy Skylights

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Section 1609.1.2.
3. All roofing details shall comply with Chapter 15 of the FBC.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

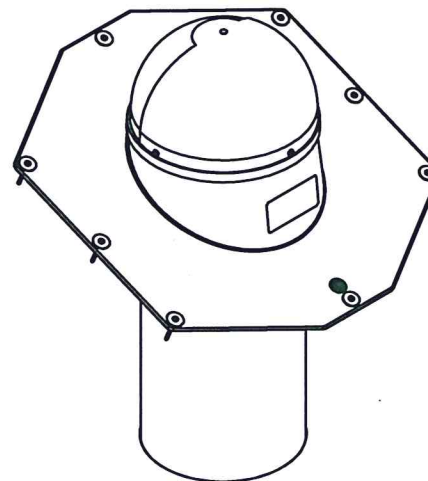
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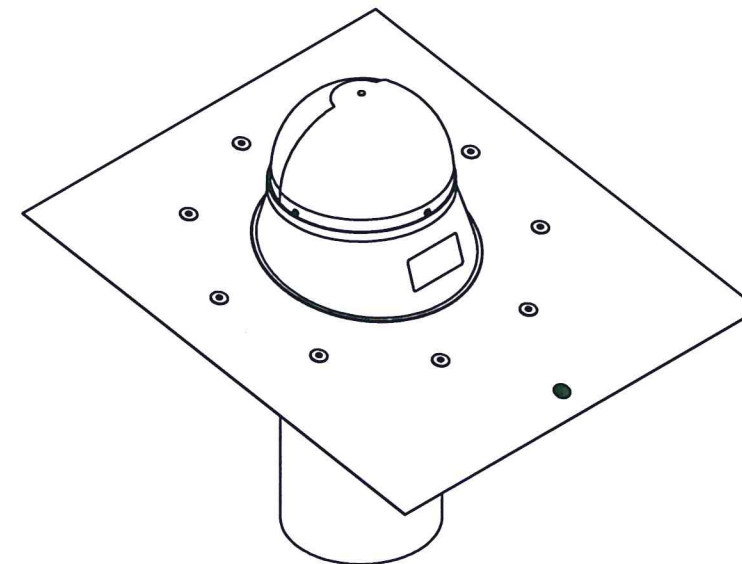
MODEL NO. TS14ALUME (SHOWN)

MODEL NUMBER	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
TS10ALUME TS14ALUME TS10HRALUM TS14HRALUM	+90.0	-90.0



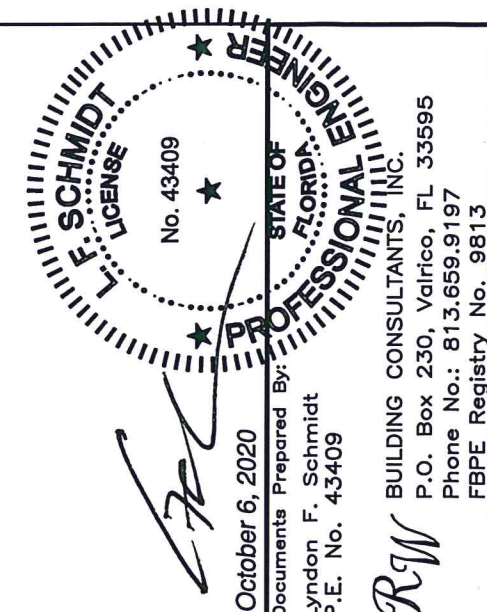
MODEL NO. TS10ASPHE (SHOWN)

MODEL NUMBER	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
TS10ASPHE TSSD10ASPHE TS10HRASPH TSSD10HRASPH	+90.0	-90.0
TS14ASPHE TS14HRASPH	+80.0	-80.0



MODEL NO. TS10FORME (SHOWN)

MODEL NUMBER	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
TS10FORME TS10HRFORM	+65.0	-65.0
TS14FORME TS14HRFORM	+50.0	-50.0



October 6, 2020

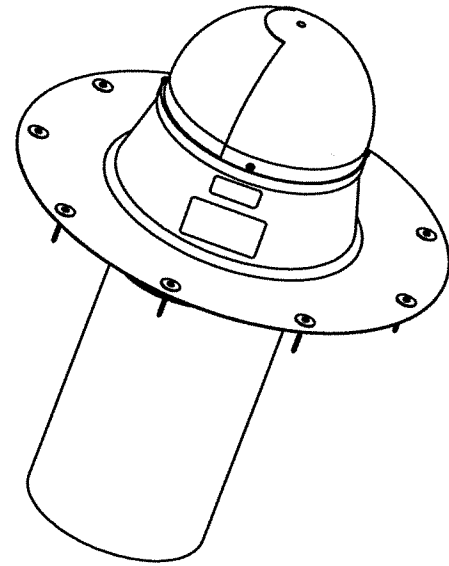
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PROFESSIONAL ENGINEER
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

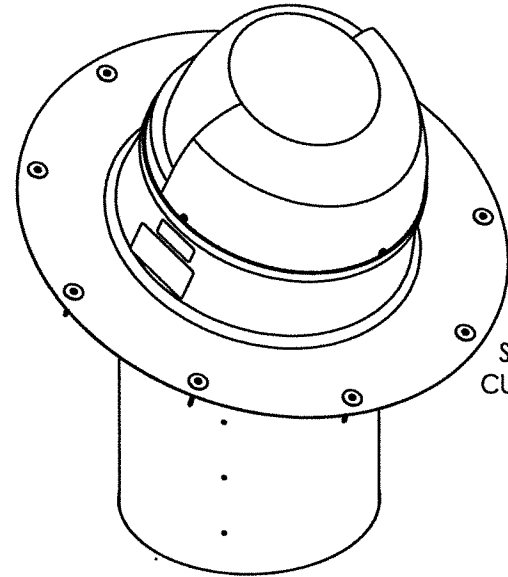
PRODUCT: NATURAL LIGHT ENERGY SYSTEMS
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
2	10/06/20	UPDATE TO 7TH ED. (2020) FBC
1	12/19/17	UPDATE TO 6TH ED. (2017) FBC

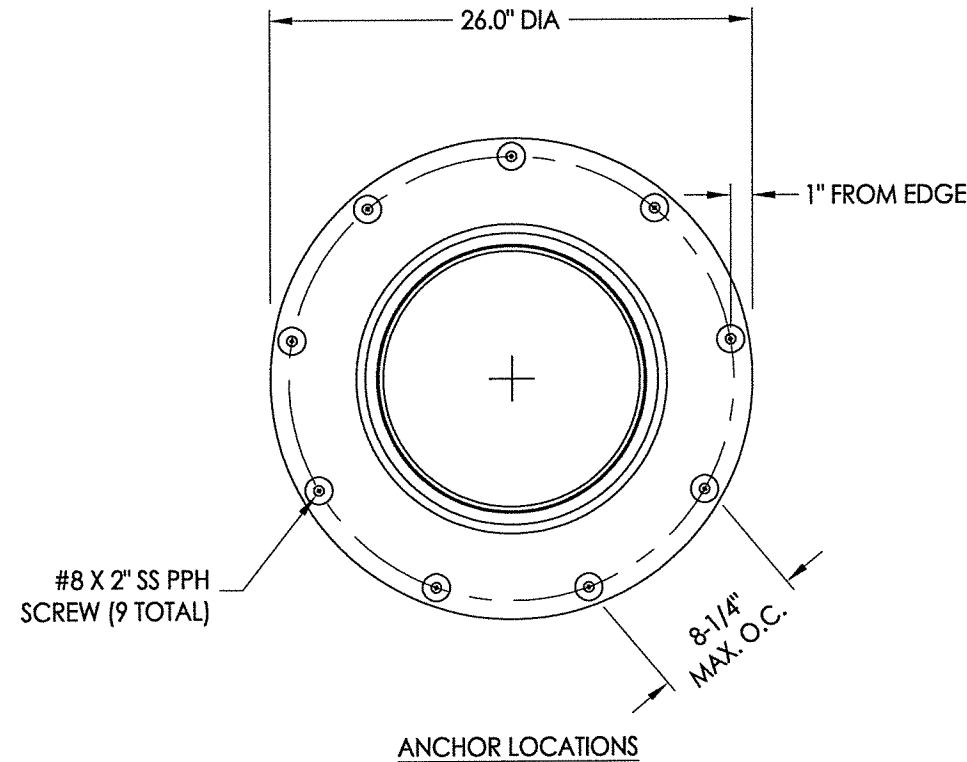
DATE: 10/20/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21361.4
SHEET 1 OF 4



MODEL NO. TS10ALUME
MODEL NO. TS10HRALUM

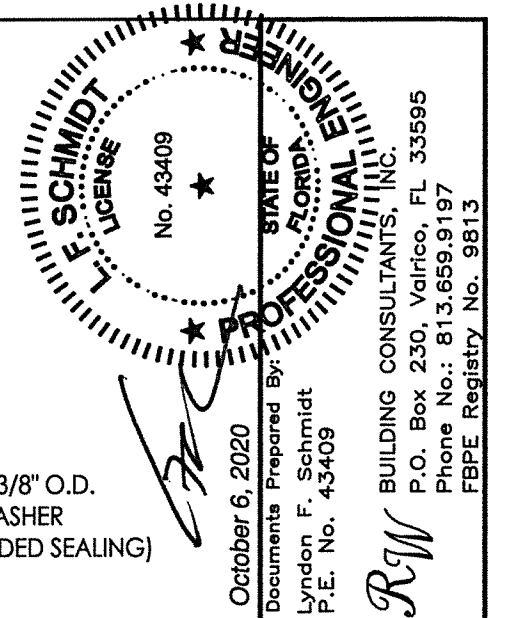
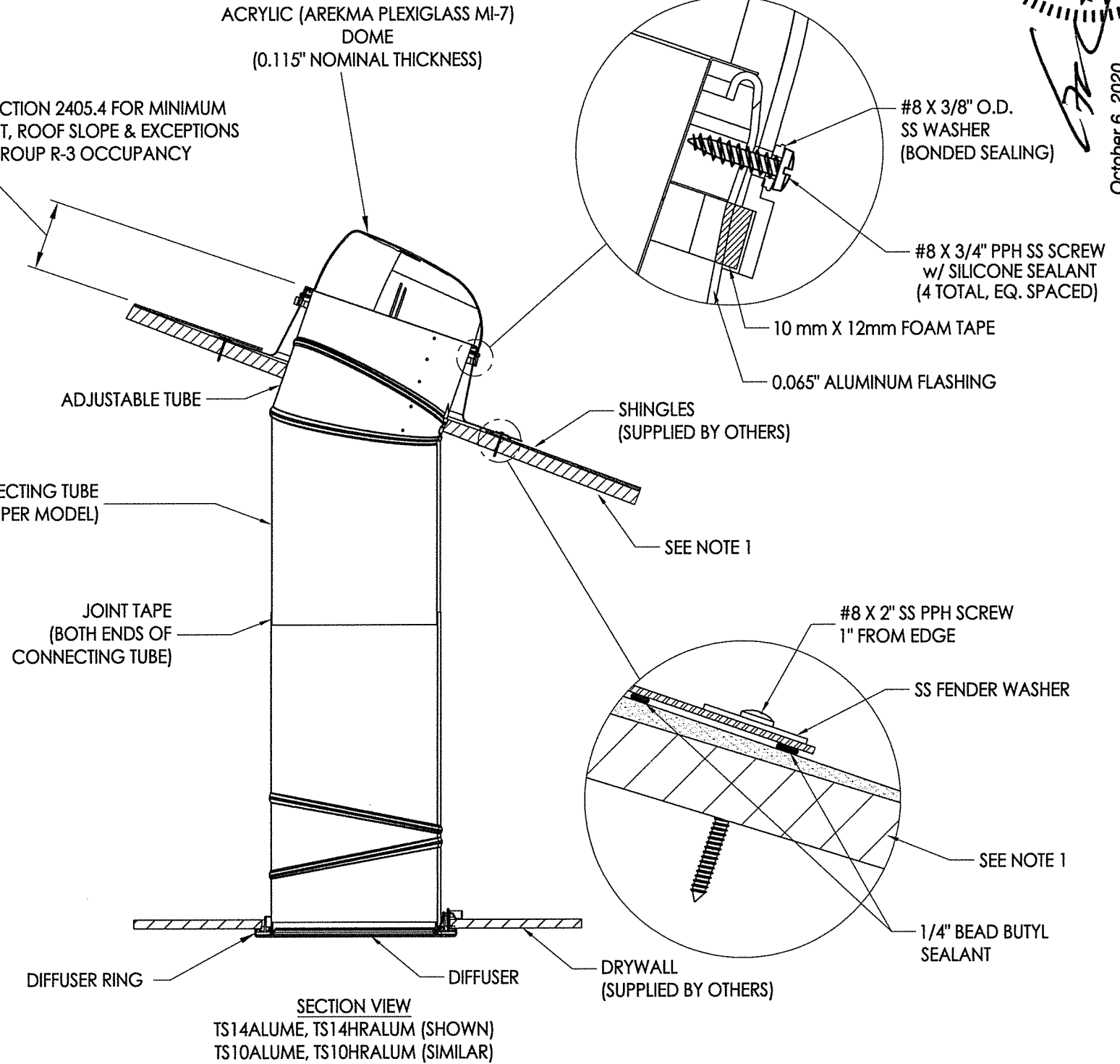


MODEL NO. TS14ALUME
MODEL NO. TS14HRALUM



SEE FBC SECTION 2405.4 FOR MINIMUM CURB HEIGHT, ROOF SLOPE & EXCEPTIONS FOR GROUP R-3 OCCUPANCY

NOTE:
1. STRUCTURAL ROOF SHEATHING
(DESIGNED BY OTHERS PER FBC SECTION 2304.8.2)
MINIMUM TESTED PROPERTIES AS FOLLOWS:
7/16" OSB OR 23/32" PLYWOOD (STRUCTURAL I)
OVER FRAMING ($G \geq 0.55$) @ 24" O.C. MAX. SPACING.



PRODUCT:		PART OR ASSEMBLY:	
NATURAL LIGHT ENERGY SYSTEMS		SKYLIGHT DETAILS	
NO.	DATE	REVISIONS	BY
2	10/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	12/19/17	UPDATE TO 6TH ED. (2017) FBC	LFS

DATE: 10/20/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21361.4

SHEET 2 OF 4

SEE FBC SECTION 10.01
FOR CURB HEIGHT

25.875" MAX

27.125" MAX

3/4" FROM EDGE

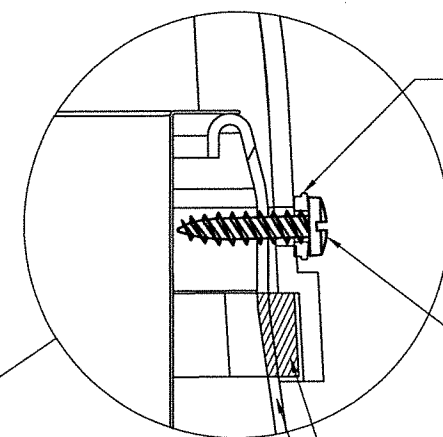
PRE-PUNCHED HOLES (8 TOTAL)

ACRYLIC (AREKMA PLEXIGLASS MI-7)
DOME
(0.115" NOMINAL THICKNESS)

JOINT TAPE
(BOTH ENDS OF
CONNECTING TUBE)

SECTION VIEW

NOTE:
1. STRUCTURAL ROOF SHEATHING
(DESIGNED BY OTHERS PER FBC SECTION 2304.8.2)
MINIMUM TESTED PROPERTIES AS FOLLOWS:
7/16" OSB OR 23/32" PLYWOOD (STRUCTURAL I)
OVER FRAMING ($G \geq 0.55$) @ 24" O.C. MAX. SPACING.



— #8 X 3/8" O.D.
SS WASHER
(BONDED SEALING)

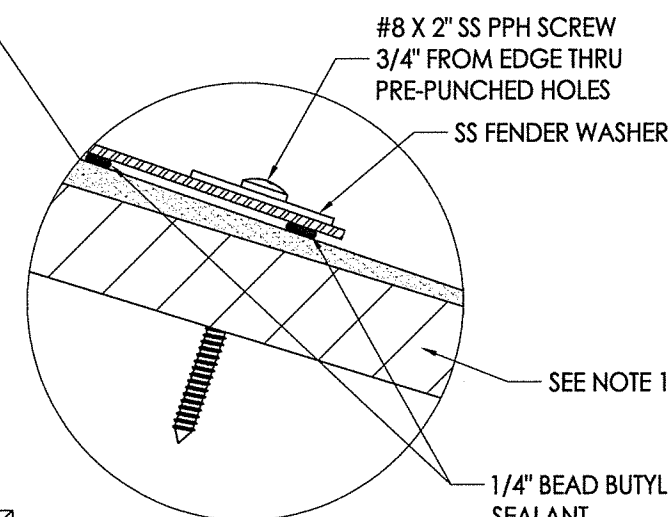
#8 X 3/4" PPH SS SCREW
w/ SILICONE SEALANT
(4 TOTAL, EQ. SPACED)

— 10 mm X 12mm FOAM TAPE

0.125" POLYETHYLENE FLASHING

— SHINGLES
(SUPPLIED BY OTHERS)

— SEE NOTE 1



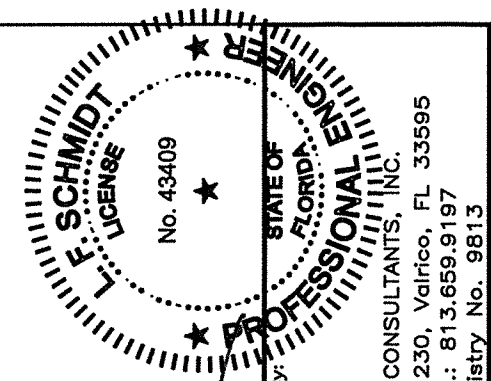
#8 X 2" SS PPH SCREW
- 3/4" FROM EDGE THRU
PRE-PUNCHED HOLES

— SS FENDER WASHER

- SEE NOTE 1

– 1/4" BEAD BUTYL
SEALANT

— DRYWALL
(SUPPLIED BY OTHERS)



October 6, 2020

Documents Prepared By:
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RW

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

PRODUCT: NATURAL LIGHT
ENERGY SYSTEMS

ASSEMBLY:
SKYLIGHT DETAIL S

2	10/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	12/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
NO.	DATE	DEVISIONS		

DATE: 10/20/16

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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21361.4

SHEET 3 OF 4

MODEL NO. TS14FORME
MODEL NO. TS14HRFORM

ACRYLIC (AREKMA PLEXIGLASS MI-7)
DOME
(0.115" NOMINAL THICKNESS)

A circular professional engineer seal for the State of Florida. The outer ring contains the text "F. SCHMIDT" on the left and "LICENSE" on the right. The inner ring contains "STATE OF FLORIDA" on the left and "PROFESSIONAL ENGINEER" on the right. In the center, it says "No. 43409" with a five-pointed star above and below it. The seal is stamped over a document with a vertical line and some text on the right side.

Documents Prepared By:
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P.E. No. 43409



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PRODUCT: NATURAL LIGHT ENERGY SYSTEMS

PART OR ASSEMBLY: SKYLIGHT DETAILS

2	10/06/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	12/19/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS
NO.	DATE				BY
					REVISIONS

DATE: 10/20/16

SCALE: N.T.S.

DWG. BY: JK

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DRAWING NO.:

FL-21361.4

SHEET 4 OF 4