



Natural Light
ENERGY SYSTEMS

TUBULAR SKYLIGHT "TS" MODEL "IMPACT"

DBA:

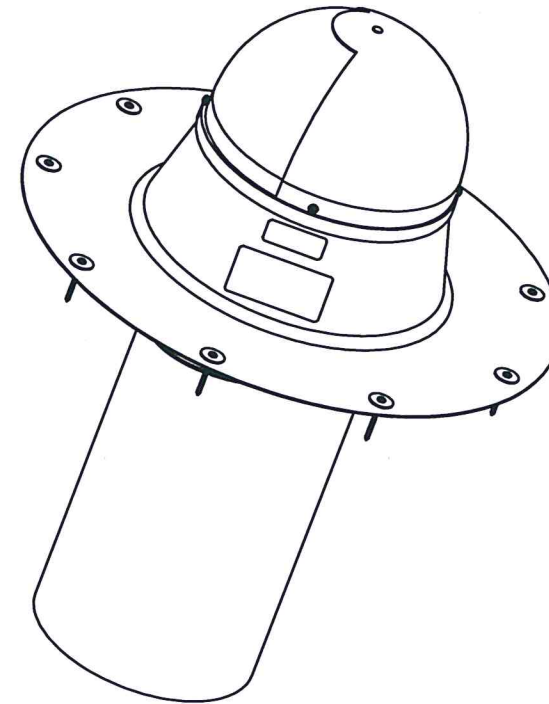
Tru Lite
SolarSkylite
Kennedy Skylights

GENERAL NOTES

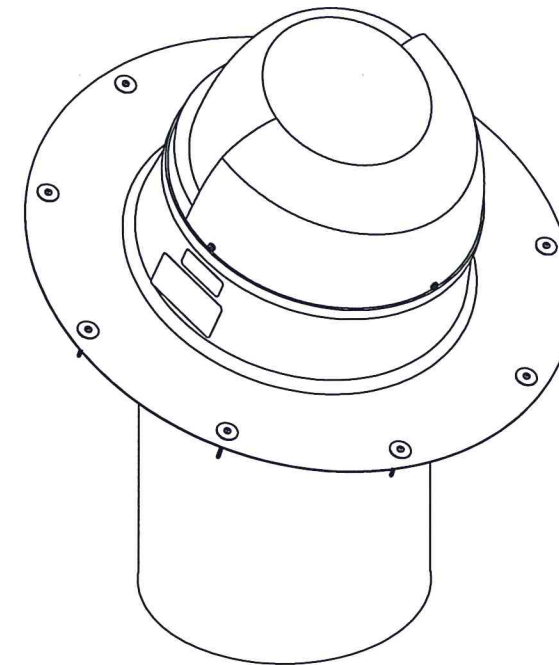
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. When used in the "HVHZ" this product complies with FBC Section 1626 and does not require an impact resistant covering.
3. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Section 1609.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Section 1609.1.2.2.
4. All roofing details shall comply with Chapter 15 of the FBC.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product meets water infiltration requirements for "HVHZ".

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Skylight details

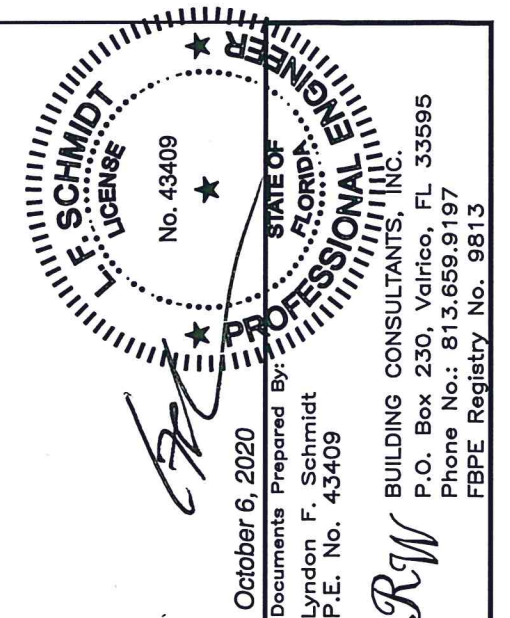


MODEL NO. TS10SVRWE (SHOWN)



MODEL NO. TS14SVRWE (SHOWN)

MODEL NUMBER	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
TS10SVRWE TS14SVRWE TS10HRSVRW TS14HRSVRW	+100.0	-100.0



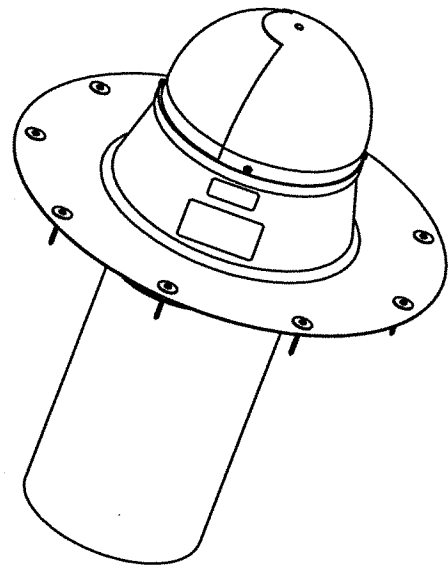
October 6, 2020

Documents Prepared By:
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P.E. No. 43409

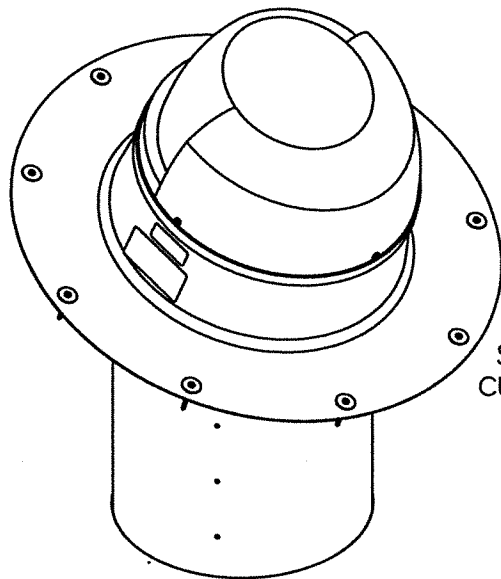
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	NATURAL LIGHT ENERGY SYSTEMS
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
DATE:	10/20/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21361.6
SHEET	1 OF 2

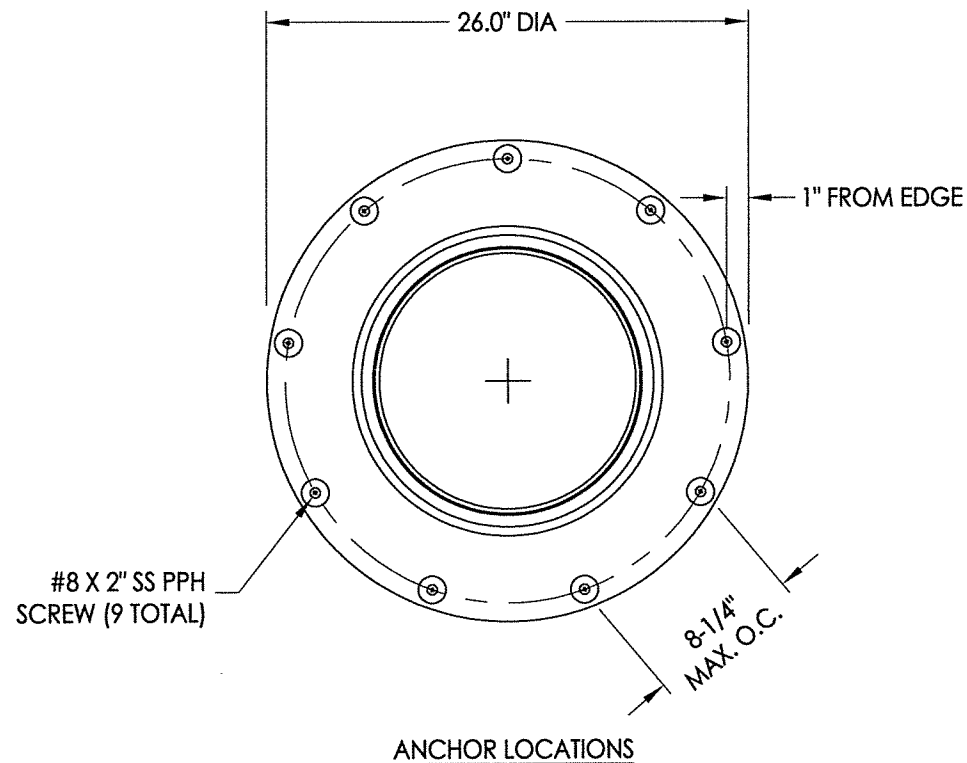
R:\Clients\Natural Light Energy Systems\A - Florida Product Approvals\FL-21361 Tubular Skylights\C - Drawings\FL 21361 (2020)\FL-21361.4-6.dwg, 2.3



MODEL NO. TS10SVRWE
MODEL NO. TS10HRSVRW



MODEL NO. TS14SVRWE
MODEL NO. TS14HRSVRW



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

POLYCARBONATE (LEXAN 143) DOME
(0.115" NOMINAL THICKNESS)

ADJUSTABLE TUBE

CONNECTING TUBE
(VARIES PER MODEL)

JOINT TAPE
(BOTH ENDS OF
CONNECTING TUBE)

DIFFUSER RING

DIFFUSER

DRYWALL
(SUPPLIED BY OTHERS)

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 >= 0.55) @ 24" O.C. MAX. SPACING.

SHINGLES
(SUPPLIED BY OTHERS)

SEE NOTE 1

#8 X 2" SS PPH SCREW
1" FROM EDGE

SS FENDER WASHER

SEE NOTE 1

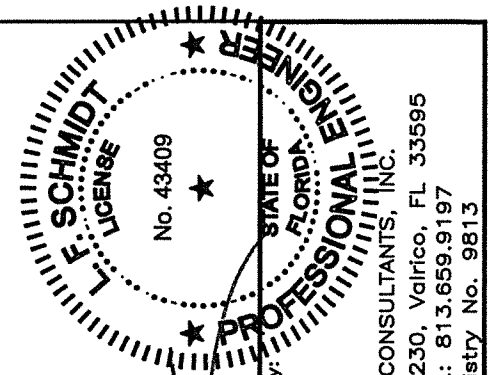
1/4" BEAD BUTYL
SEALANT

#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

0.065" ALUMINUM FLASHING



October 6, 2020

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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-21361.6			
SHEET 2 OF 2			