



Natural Light
ENERGY SYSTEMS

TUBULAR SKYLIGHT "TS" MODEL "IMPACT"

DBA:

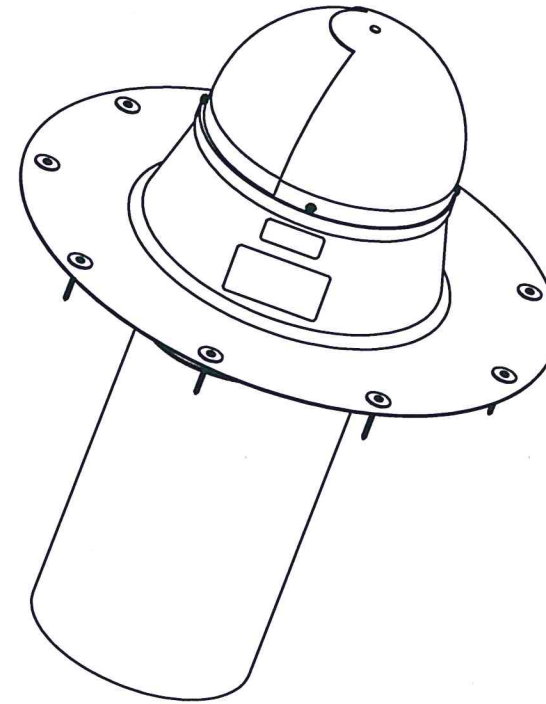
Tru Lite
SolarSkylite
Kennedy Skylights

GENERAL NOTES

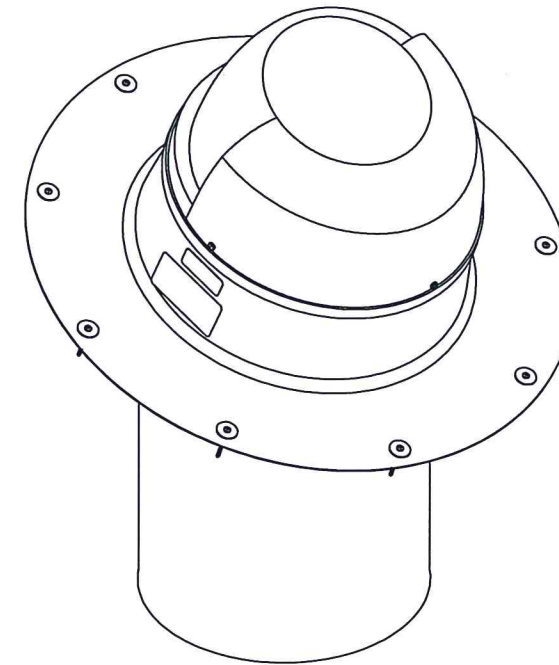
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. When used in areas requiring wind borne debris protection this product complies with FBC Section 1609.1.2 and 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.
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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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Skylight details



MODEL NO. TS10SVRWE (SHOWN)

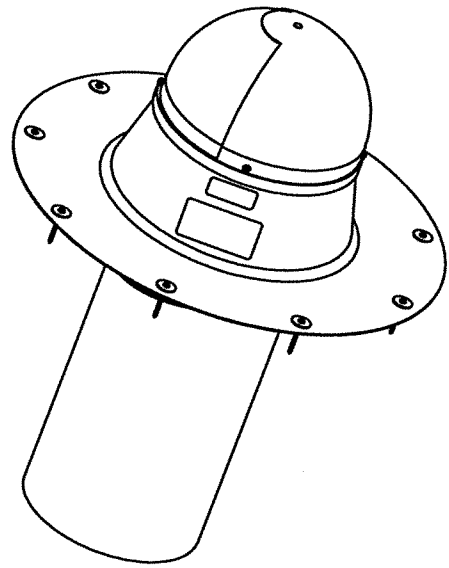


MODEL NO. TS14SVRWE (SHOWN)

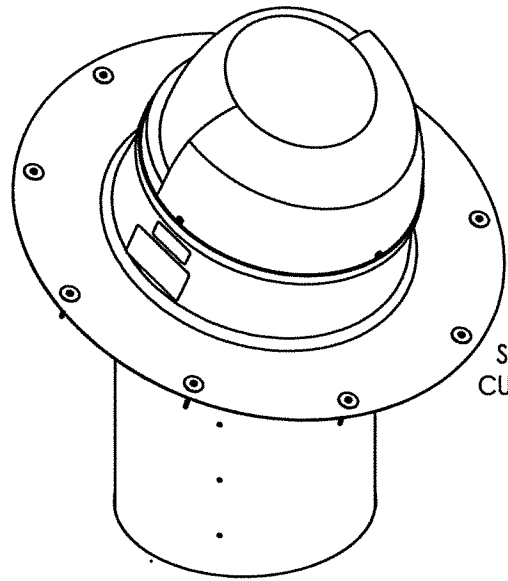
MODEL NUMBER	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
TS10SVRWE TS14SVRWE TS10HRSVRW TS14HRSVRW	+100.0	-100.0

			
October 6, 2020			
Documents Prepared By: Lyndon F. Schmidt 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	NO.	BY	REVISIONS
10/06/20	2	LFS	UPDATE TO 7TH ED. (2020) FBC
12/19/17	1	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE			
NO.			
BY			
REVISIONS			
DATE: 10/20/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21361.5			
SHEET 1 OF 2			

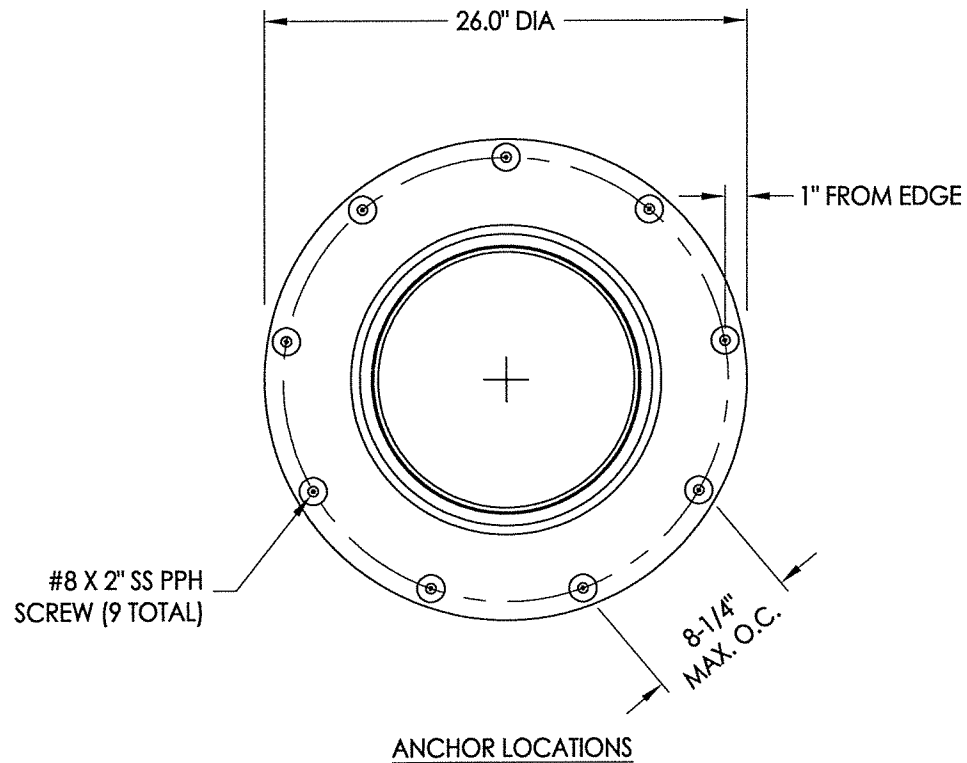
R:\Clients\Natural Light Energy Systems\A - Florida Product Approvals\FL-21361 Tubular Skylights\C - Drawings\FL 21361 (2020)\FL-21361.4-6.dwg, 2.2



MODEL NO. TS10SVRWE
MODEL NO. TS10HRSVRW



MODEL NO. TS14SVRWE
MODEL NO. TS14HRSVRW



ANCHOR LOCATIONS

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)

SECTION VIEW
TS14SVRWE, TS14HRSVRW (SHOWN)
TS10SVRWE, TS10HRSVRW (SIMILAR)

SHINGLES
(SUPPLIED BY OTHERS)

SEE NOTE 1

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

SS FENDER WASHER

1/4" BEAD BUTYL
SEALANT

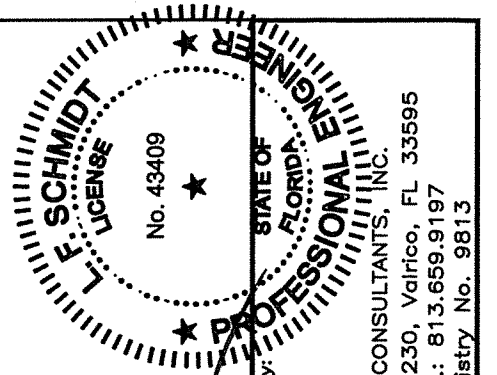
#8 X 3/4" PPH SS SCREW
w/ SILICONE SEALANT
(4 TOTAL, EQ. SPACED)

10 mm X 12mm FOAM TAPE

0.065" ALUMINUM FLASHING

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

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.



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PRODUCT:		PART OR ASSEMBLY:	
NATURAL LIGHT ENERGY SYSTEMS		SKYLIGHT DETAILS	
NO.	DATE	BY	REVISIONS
2	10/06/20	LFS	UPDATE TO 7TH ED. (2020) FBC
1	12/19/17	LFS	UPDATE TO 6TH ED. (2017) FBC
1	10/06/16	JK	DATE
DATE: 10/20/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21361.5			
SHEET 2 OF 2			