



**INNOVATIONS FOR LIVING™**  
 ONE OWENS CORNING PARKWAY  
 TOLEDO, OH 43659

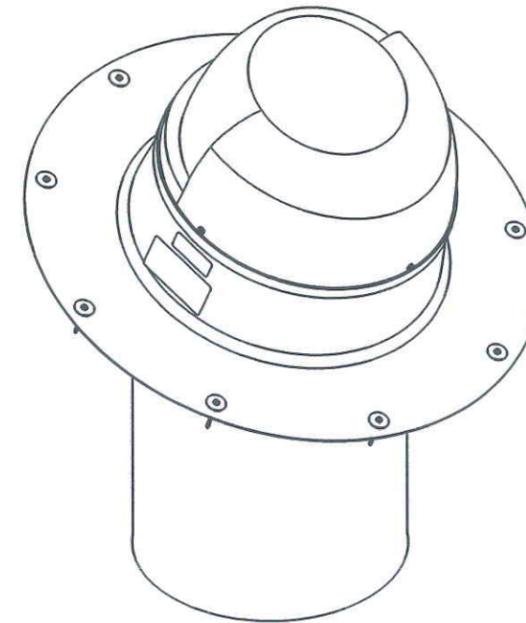
# OWENS CORNING TUBULAR SKYLIGHT "ILLUMINATOR" MODEL "IMPACT"

**EVALUATED FOR USE IN THE STATE OF TEXAS**

The Owens Corning Tubular Skylight described herein complies with the 2006 International Residential Code (IRC), Sections R308.6 and the 2006 International Building Code (IBC), Sections 1609, 2405, and 2610 (including Texas revisions) subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond roof covering.
2. When used in areas requiring wind-borne debris protection (Seaward and Inland I areas), this product complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC and does not require impact protection. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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



ILLUMINATOR 14" SEVERE WEATHER (SHOWN)

MODEL NUMBER	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
ILLUMINATOR 10" SEVERE WEATHER	+100.0	-100.0
ILLUMINATOR 14" SEVERE WEATHER	+100.0	-100.0



Documents Prepared By: Lyndon F. Schmidt, P.E.  
 TEXAS P.E. #104123

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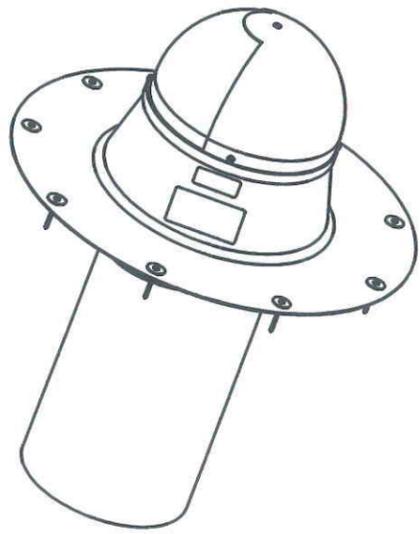
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: OWENS CORNING TUBULAR SKYLIGHT  
 PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

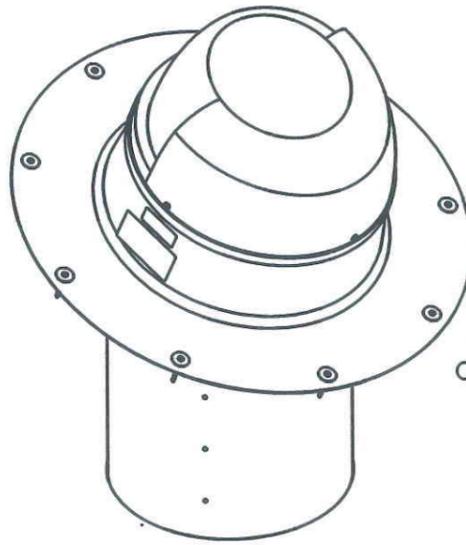
NO.	DATE	BY	REVISIONS

DATE: 01/04/12  
 SCALE: N.T.S.  
 DWG. BY: KV  
 CHK. BY: LFS  
 DRAWING NO.: TX-4137  
 SHEET 1 OF 2

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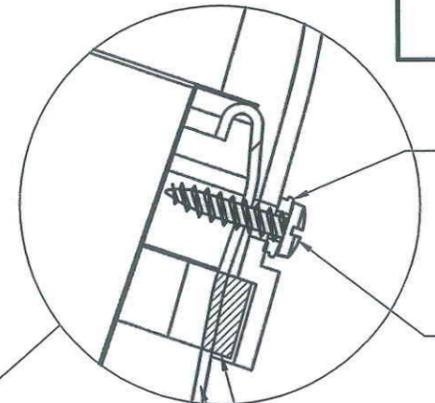
ILLUMINATOR 10" SEVERE WEATHER



ILLUMINATOR 14" SEVERE WEATHER

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

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



#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

SHINGLES (SUPPLIED BY OTHERS)

MIN. 7/16" ROOF DECKING (SUPPLIED BY OTHERS)

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

SS FENDER WASHER

1/4" BEAD BUTYL SEALANT

ADJUSTABLE TUBE

CONNECTING TUBE (VARIES PER MODEL)

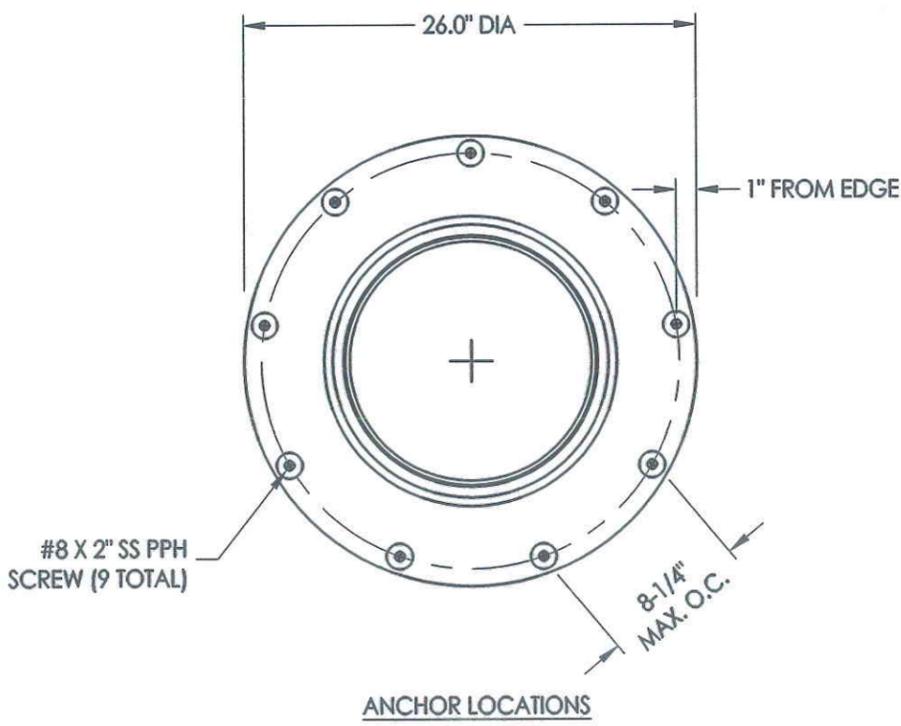
JOINT TAPE (BOTH ENDS OF CONNECTING TUBE)

DIFFUSER RING

DIFFUSER

DRYWALL (SUPPLIED BY OTHERS)

SECTION VIEW  
ILLUMINATOR 14" SEVERE WEATHER (SHOWN)  
ILLUMINATOR 10" SEVERE WEATHER (SIMILAR)



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PRODUCT: OWENS CORNING TUBULAR SKYLIGHT

PART OR ASSEMBLY: SKYLIGHT DETAILS

NO.	DATE	BY	REVISIONS

DATE: 01/04/12  
SCALE: N.T.S.  
DWG. BY: KV  
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SHEET 2 OF 2

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