



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Sun-Tek Manufacturing, Inc.
10303 General Drive
Orlando, FL 32824

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: ISFG Skylight System

APPROVAL DOCUMENT: Drawing No. STI-00000298, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, signed and sealed by James D. Wells, Jr., P.E., on October 06, 2017, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #15-0513.10 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
03/08/2018

NOA No. 17-1023.22
Expiration Date: 10/31/2018
Approval Date: 03/08/2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0425.04

A. DRAWINGS

1. *Drawing No. STI-00000298-SHT1/SHT2, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc, dated 06/04/07 with last revision dated 08/07/07, signed and sealed by James D. Wells, Jr., P.E.*

B. TESTS (submitted under NOA # 02-0618.06)

1. *Test Report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 of "Insulated Glass Skylight with Polycarbonate Inner Liner" prepared by National Certified Testing Laboratories, Report No. 210-2760-1, 2 & 3, dated 01/22/02, signed and sealed by B. Portnoy, P.E.*

C. CALCULATIONS

1. *Anchor Calculations for attachment of skylight to curbing and curbing to decking, dated 08/13/07, signed and sealed by James D. Wells, Jr., P.E.*

D. MATERIAL CERTIFICATIONS (submitted under NOA # 02-0618.06)

1. *Test report on Rate of Burning per ASTM D635 of Geon 87416 White 141 Exterior, 0.137 inch, prepared by Commercial Testing Company, Report No. 01-11293, dated 11/29/01, signed by J. Jackson.*
2. *Test report on Self Ignition Temperature per ASTM D1929 of Geon 87416 White 141 Exterior, prepared by Commercial Testing Company, Report No. 01-11292, dated 11/29/01, signed by J. Jackson.*

E. STATEMENTS (submitted under NOA # 02-0618.06)

1. *Code compliance letter issued by Product Technology Corporation. on 09/27/02, signed and sealed by R. J. Quiroga P.E.*


F. OTHER

1. *NOA renewal request letter issued by Sun-Tek Manufacturing, Inc., dated 08/16/07, James Feudner.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #11-0601.02

A. DRAWINGS

1. *Drawing No. STI-00000298-SHT1/SHT2, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc, dated August 07, 2007, last revision #A dated October 14, 2011, signed and sealed by James D. Wells, Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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B. TESTS

1. *Test Addendum for Test Report NCTL 210-2760-1, prepared by national Certified Testing Laboratories, dated October 17, 2011, certifying the interlayer thickness, signed by Mark Bennett, Manager of Testing Services.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #12-1011.15

A. DRAWINGS

1. *Drawing No. STI-00000298, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc, dated August 07, 2007, last revision #A dated May 03, 2012, signed and sealed by James D. Wells, Jr., P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

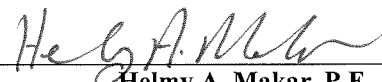
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *A compliance letter, prepared by J & L Wells Consulting LLC, dated April 25, 2012, certify compliance with FBC 2010 edition, sign & sealed by James D. Wells, Jr., P.E.*
2. *Verification testing to be performed per letter from National Certified Testing Laboratories, dated September 18, 2012, signed by Christopher Bennett.*



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-1028.05

A. DRAWINGS

1. *Drawing No. STI-00000298, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, last revision #A dated August 15, 2013, signed and sealed by James D. Wells, Jr., P.E., on February 07, 2014.*

B. TESTS

1. *Test Report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 of "Insulated Glass Skylight with Polycarbonate Inner Liner" prepared by National Certified Testing Laboratories, Report No. 210-3915-01, dated 08/27/2013, signed and sealed by Gerard Ferrara, P.E.*

C. CALCULATIONS

1. *Anchor Calculations for attachment of skylight Model ISFG to Decking, dated 10/03/2013, signed and sealed by James D. Wells, Jr., P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Bill of Material and Components Die Drawings.*

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0513.10

A. DRAWINGS

1. *Drawing No. STI-00000298, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, last revision #A dated May 04, 2015, signed and sealed by James D. Wells, Jr., P.E., on May 04, 2015.*

B. TESTS

1. *None.*

C. CALCULATIONS

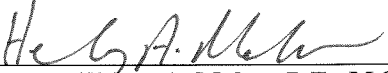
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. STI-00000298, titled "ISFG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, signed and sealed by James D. Wells, Jr., P.E., on October 06, 2018.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

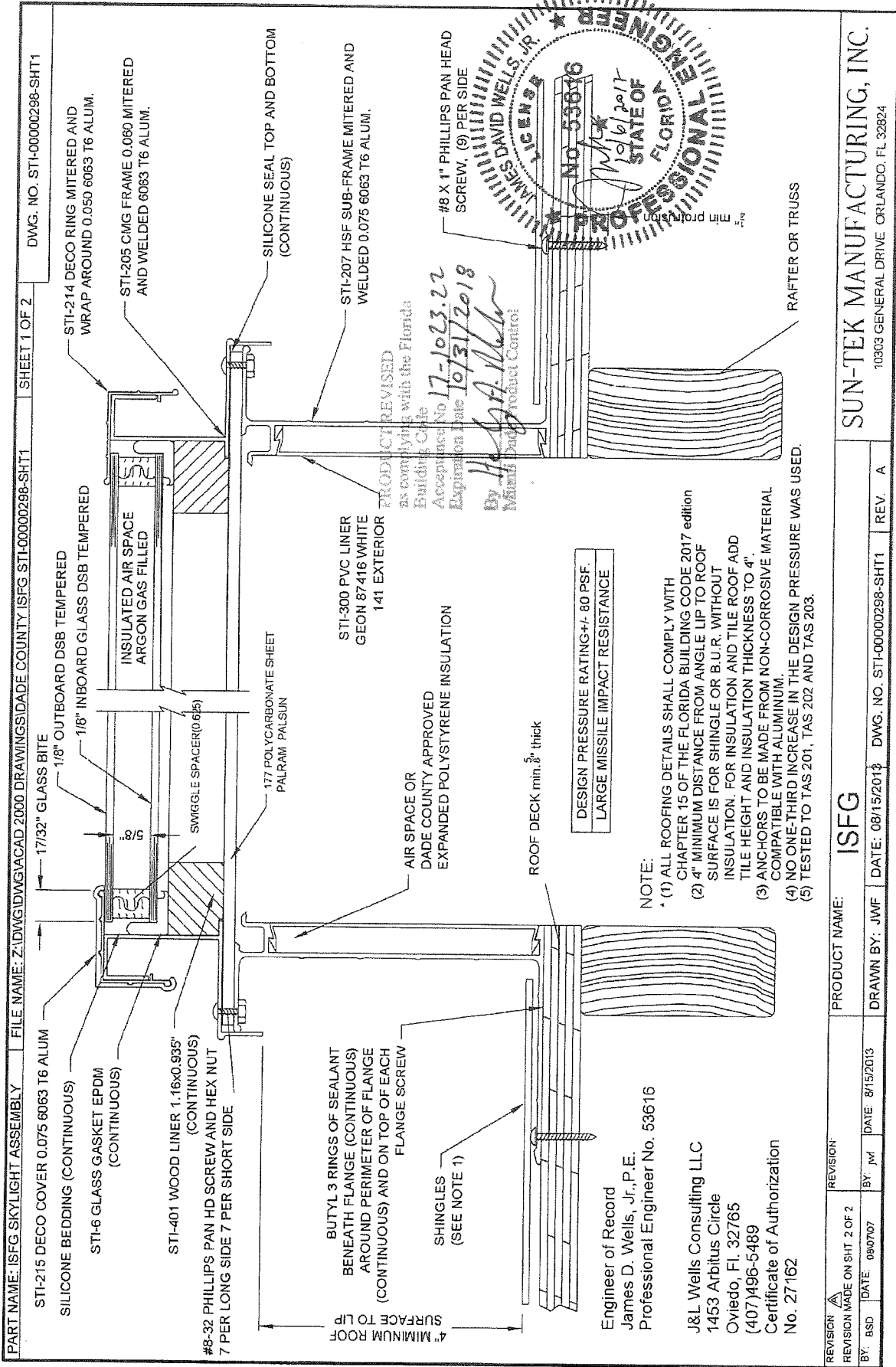
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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PART NAME: ISFG SKYLIGHT ASSEMBLY
 FILE NAME: Z:\DWG\DWG\CAD 2000 DRAWINGS\DADE COUNTY\ISFG_STI-00000298-SHT1
 SHEET 1 OF 2
 DWG. NO. STI-00000298-SHT1

STI-215 DECO COVER 0.075 6063 T6 ALUM
 SILICONE BEDDING (CONTINUOUS)
 STI-6 GLASS GASKET EPDM (CONTINUOUS)
 STI-401 WOOD LINER 1.16x0.935 (CONTINUOUS)
 #8-32 PHILLIPS PAN HD SCREW AND HEX NUT 7 PER LONG SIDE 7 PER SHORT SIDE

17/32" GLASS BITE
 1/8" OUTBOARD DSB TEMPERED
 1/8" INBOARD GLASS DSB TEMPERED
 INSULATED AIR SPACE ARGON GAS FILLED
 SWIGGLE SPACER(0.615)

177 POLYCARBONATE SHEET PALRAM PALSUN
 AIR SPACE OR DADE COUNTY APPROVED EXPANDED POLYSTYRENE INSULATION
 STI-300 PVC LINER GEON 87416 WHITE 141 EXTERIOR
 PRODUCT REVISED AS COMPLYING WITH THE FLORIDA BUILDING CODE ACCEPTANCE NO. 17-1023.22 EXPANSION DATE 10/31/2018 BY H. A. WELLS, JR. MIAI Product Control

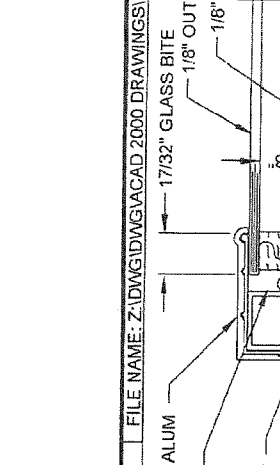
STI-214 DECO RING MITERED AND WRAP AROUND 0.050 6063 T6 ALUM.
 STI-205 CMG FRAME 0.080 MITERED AND WELDED 6063 T6 ALUM.
 SILICONE SEAL TOP AND BOTTOM (CONTINUOUS)
 STI-207 HSF SUB-FRAME MITERED AND WELDED 0.075 6063 T6 ALUM.
 #8 X 1" PHILLIPS PAN HEAD SCREW, (9) PER SIDE

4" MINIMUM ROOF SURFACE TO LP
 SHINGLES (SEE NOTE 1)
 BUTYL 3 RINGS OF SEALANT BENEATH FLANGE (CONTINUOUS) AROUND PERIMETER OF FLANGE (CONTINUOUS) AND ON TOP OF EACH FLANGE SCREW
 ROOF DECK min. 3/8" thick
 DESIGN PRESSURE RATING +/- 80 PSF. LARGE MISSILE IMPACT RESISTANCE
 RAFTER OR TRUSS

NOTE:
 * (1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE 2017 EDITION
 (2) 4" MINIMUM DISTANCE FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4".
 (3) ANCHORS TO BE MADE FROM NON-CORROSIVE MATERIAL COMPATIBLE WITH ALUMINUM.
 (4) NO ONE-THIRD INCREASE IN THE DESIGN PRESSURE WAS USED.
 (5) TESTED TO TAS 201, TAS 202 AND TAS 203.

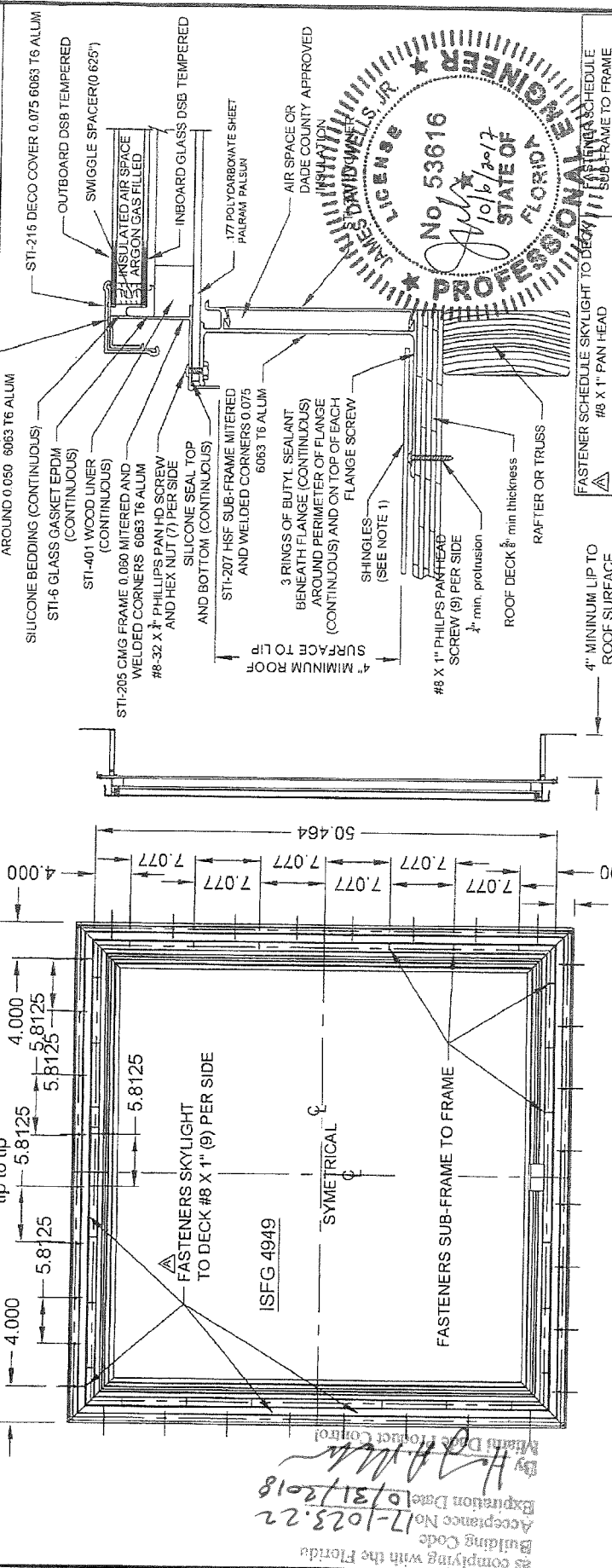
Engineer of Record
 James D. Wells, Jr., P.E.
 Professional Engineer No. 53616

J&L Wells Consulting LLC
 1453 Arbitus Circle
 Oviedo, FL 32765
 (407)496-5489
 Certificate of Authorization
 No. 27162



REVISION		PRODUCT NAME: ISFG	
REVISION MADE ON SHT 2 OF 2	BY: JWF	DATE: 08/15/2013	DWG. NO. STI-00000298-SHT1
BY: BSD	DATE: 09/07/07	DRAWN BY: JWF	REV. A

SUN-TEK MANUFACTURING, INC.
 10303 GENERAL DRIVE ORLANDO, FL 32824

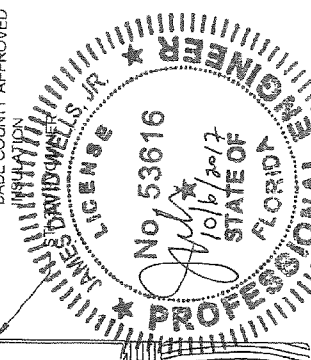


DESIGN PRESSURE RATING +/- 80 PSF.
LARGE MISSILE IMPACT RESISTANCE

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 - (5) TESTED TO TAS 201, TAS 202 AND TAS 203.

Engineer of Record
James D. Wells, Jr., P.E.
Professional Engineer No. 53616

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Oviedo, FL 32765
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tip to lip	FASTENER SCHEDULE SKYLIGHT TO DECK #8 X 1" PAN HEAD			FASTENER SCHEDULE SKYLIGHT TO DECK #8 X 1" PAN HEAD		
	MODEL	PER LONG SIDE	PER SHORT SIDE	MODEL	PER LONG SIDE	PER SHORT SIDE
54.5x54.5	4949	9	9	4949	9	9
51.5x51.5	4616	8	8	4616	8	8
38.5x38.5	3349	9	6	3349	9	7
35.5x35.5	3046	8	6	3046	8	5
30.5x30.5	3030	6	6	3030	6	5
30.5x44.5	2549	9	4	2549	9	4
30.5x49.5	2533	5	4	2533	5	4
27.5x27.5	2222	5	5	2222	5	4
27.5x35.5	1749	9	4	1749	9	4
22.5x22.5	1733	6	4	1733	6	3
19.5x19.5	1446	8	4	1446	8	3
18.5x35.5	1430	6	4	1430	6	3

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