



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-0000298, 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 Renewal 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 **renews NOA #17-1023.22** 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
11/01/2018

NOA No. 18-0716.03
Expiration Date: 10/31/2023
Approval Date: 11/01/2018
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

NOA No. 18-0716.03

Expiration Date: 10/31/2023

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Sun-Tek Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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, issued by J & L Wells Consulting LLC, dated 04/25/2012, certify compliance with FBC 2010 edition, signed & 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.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0716.03
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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

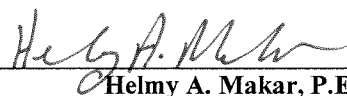
1. *None.*

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.
Product Control Section Supervisor
NOA No. 18-0716.03
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-1023.22

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.*

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

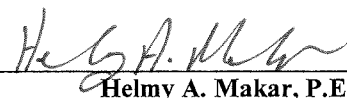
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

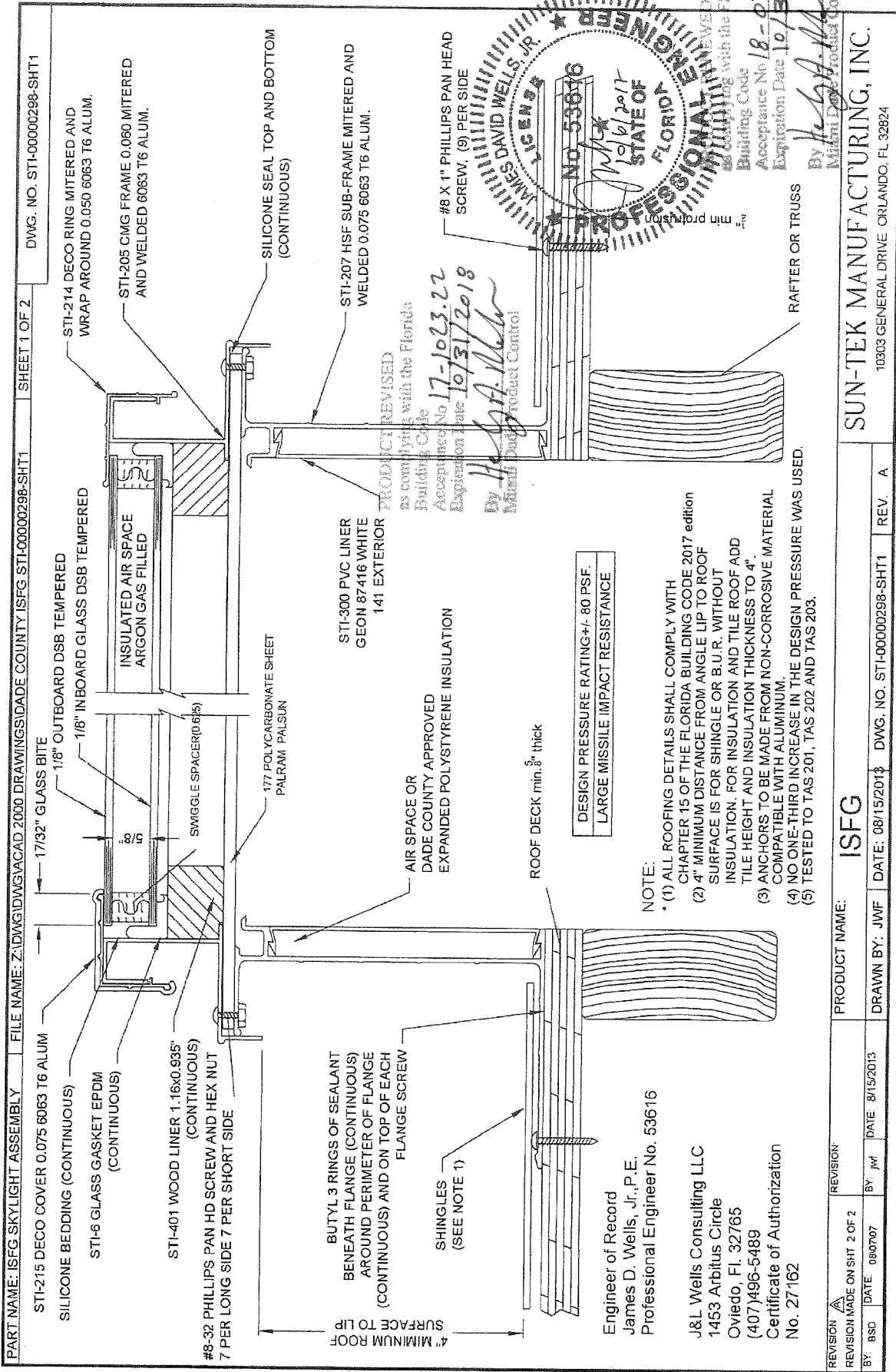
1. *None.*

F. OTHERS

1. *A compliance letter, prepared by J & L Wells Consulting LLC, dated June 20, 2018, certify compliance with FBC 2017 edition, signed & sealed by James D. Wells, Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0716.03
Expiration Date: 10/31/2023
Approval Date: 11/01/2018



PART NAME: ISFG SKYLIGHT ASSEMBLY FILE NAME: Z:\DWG\DWG\CAD_2000 DRAWINGS\DADE COUNTY ISFG STI-00000298-SHT1 DWG. NO. STI-00000298-SHT1
 SHEET 1 OF 2

STI-214 DECO RING MITERED AND WRAP AROUND 0.050 6063 T6 ALUM.
 STI-205 CMG FRAME 0.050 MITERED AND WELDED 6063 T6 ALUM.
 INSULATED AIR SPACE ARGON GAS FILLED
 1/8" OUTBOARD DSB TEMPERED
 1/8" INBOARD GLASS DSB TEMPERED
 17/32" GLASS BITE
 1/8" INBOARD GLASS DSB TEMPERED
 INSULATED AIR SPACE ARGON GAS FILLED
 SWAGGLE SPACER (0.625)
 177 POLY-CARBONATE SHEET PALRAM PALUSUN
 STI-300 PVC LINER GEON 87416 WHITE 141 EXTERIOR
 AIR SPACE OR EXPANDED POLYSTYRENE INSULATION
 STI-207 HSF SUB-FRAME MITERED AND WELDED 0.075 6063 T6 ALUM.
 SILICONE SEAL TOP AND BOTTOM (CONTINUOUS)
 BUTYL 3 RINGS OF SEALANT BENEATH FLANGE (CONTINUOUS) AROUND PERIMETER OF FLANGE (CONTINUOUS) AND ON TOP OF EACH FLANGE SCREW
 SHINGLES (SEE NOTE 1)
 #8 X 1" PHILLIPS PAN HEAD SCREW, (9) PER SIDE
 RAFTER OR TRUSS
 ROOF DECK min. 3/8" thick
 DESIGN PRESSURE RATING +/- 80 PSF. LARGE MISSILE IMPACT RESISTANCE

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.

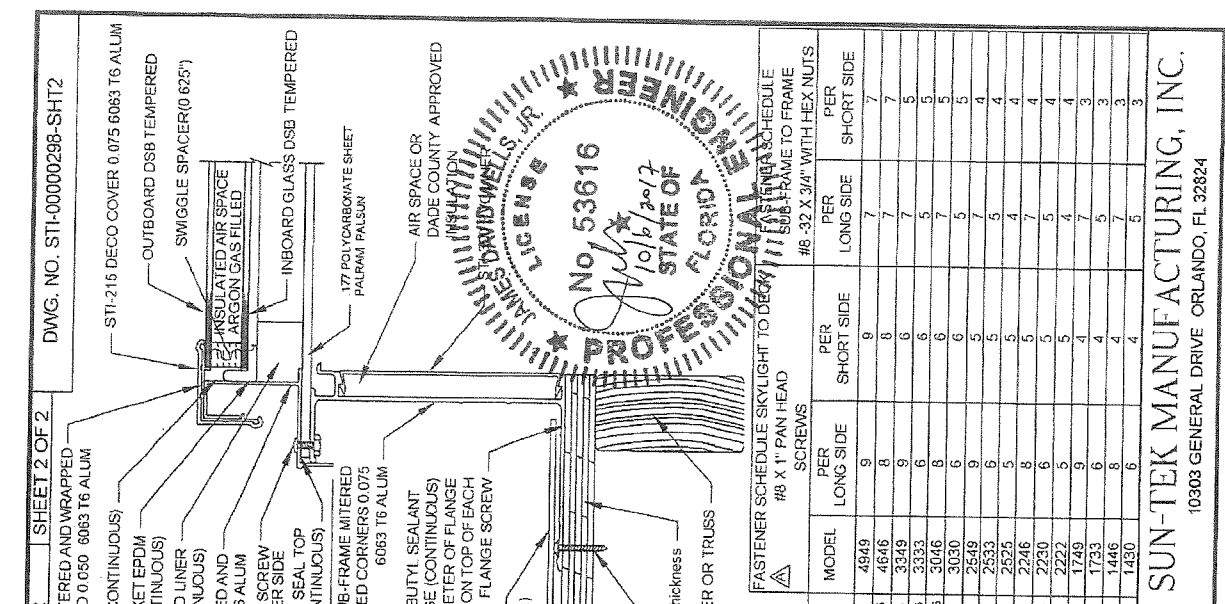
PROJECT REVISED as complying with the Florida Building Code
 Acceptance No 17-1023.22
 Expiration Date 10/31/2018
 By H. J. A. Wells, Jr.
 Miami-Dade Product Control

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 NO. 53616
 JAMES DAVID WELLS, JR.
 Building Code
 Acceptance No 18-0716.03
 Expiration Date 10/31/2023
 By H. J. A. Wells, Jr.
 Miami-Dade Product Control

Engineer of Record
 James D. Wells, Jr., P.E.
 Professional Engineer No. 53616
 J&L Wells Consulting LLC
 1453 Arbutus Circle
 Oviedo, FL 32765
 (407) 496-5489
 Certificate of Authorization
 No. 27162

REVISION	REVISION NAME: ISFG	PRODUCT NAME: ISFG	REV. A
REVISION MADE ON SHT 2 OF 2	DRAWN BY: JWF	DATE: 08/15/2013	DWG. NO. STI-00000298-SHT1
BY: BSD	DATE: 09/07/07	DATE: 8/15/2013	REV. A

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



FASTENER SCHEDULE SKYLIGHT TO DECK	PER LONG SIDE	PER SHORT SIDE	PER LONG SIDE	PER SHORT SIDE
#8 X 1" PAN HEAD SCREWS	9	9	7	7
FASTENER SCHEDULE SKYLIGHT TO FRAME	8	8	7	7
#8 -32 X 3/4" WITH HEX NUTS	9	9	7	7
MODEL	4849	4646	3349	3046
tip to tip	54.5654.5	51.5651.5	38.5638.5	35.5635.5
	4949	4646	3349	3046
	5046	4743	3446	3143
	5143	4840	3543	3240
	5240	4937	3640	3337
	5337	5034	3737	3434
	5434	5131	3834	3531
	5531	5228	3931	3628
	5628	5325	4028	3725
	5725	5422	4125	3822
	5822	5519	4222	3919
	5919	5616	4319	4016
	6016	5713	4416	4113
	6113	5810	4513	4210
	6210	5907	4610	4307
	6307	6004	4707	4404
	6404	6101	4804	4501
	6501	6198	4901	4598
	6698	6295	5098	4695
	6795	6392	5195	4792
	6892	6489	5292	4889
	6989	6586	5389	4986
	7086	6683	5486	5083
	7183	6780	5583	5180
	7280	6877	5680	5277
	7377	6974	5777	5374
	7474	7071	5874	5471
	7571	7168	5971	5568
	7668	7265	6068	5665
	7765	7362	6165	5762
	7862	7459	6262	5859
	7959	7556	6359	5956
	8056	7653	6456	6053
	8153	7750	6553	6150
	8250	7847	6650	6247
	8347	7944	6747	6344
	8444	8041	6844	6441
	8541	8138	6941	6538
	8638	8235	7038	6635
	8735	8332	7135	6732
	8832	8429	7232	6829
	8929	8526	7329	6926
	9026	8623	7426	7023
	9123	8720	7523	7120
	9220	8817	7620	7217
	9317	8914	7717	7314
	9414	9011	7814	7411
	9511	9108	7911	7508
	9608	9205	8008	7605
	9705	9302	8105	7702
	9802	9399	8202	7809
	9999	9496	8399	7996
	10096	9593	8496	8093
	10193	9690	8593	8190
	10290	9787	8690	8287
	10387	9884	8787	8384
	10484	9981	8884	8481
	10581	10078	8981	8578
	10678	10175	9078	8675
	10775	10272	9175	8772
	10872	10369	9272	8869
	10969	10466	9369	8966
	11066	10563	9466	9063
	11163	10660	9563	9160
	11260	10757	9660	9257
	11357	10854	9757	9354
	11454	10951	9854	9451
	11551	11048	9951	9548
	11648	11145	10048	9645
	11745	11242	10145	9742
	11842	11339	10242	9839
	11939	11436	10339	9936
	12036	11533	10436	10033
	12133	11630	10533	10130
	12230	11727	10630	10227
	12327	11824	10727	10324
	12424	11921	10824	10421
	12521	12018	10921	10518
	12618	12115	11018	10615
	12715	12212	11115	10712
	12812	12309	11212	10809
	12909	12406	11309	10906
	13006	12503	11406	11003
	13103	12600	11503	11100
	13200	12697	11600	11200
	13300	12794	11700	11300
	13400	12891	11800	11400
	13500	12988	11900	11500
	13600	13085	12000	11600
	13700	13182	12100	11700
	13800	13279	12200	11800
	13900	13376	12300	11900
	14000	13473	12400	12000
	14100	13570	12500	12100
	14200	13667	12600	12200
	14300	13764	12700	12300
	14400	13861	12800	12400
	14500	13958	12900	12500
	14600	14055	13000	12600
	14700	14152	13100	12700
	14800	14249	13200	12800
	14900	14346	13300	12900
	15000	14443	13400	13000
	15100	14540	13500	13100
	15200	14637	13600	13200
	15300	14734	13700	13300
	15400	14831	13800	13400
	15500	14928	13900	13500
	15600	15025	14000	13600
	15700	15122	14100	13700
	15800	15219	14200	13800
	15900	15316	14300	13900
	16000	15413	14400	14000
	16100	15510	14500	14100
	16200	15607	14600	14200
	16300	15704	14700	14300
	16400	15801	14800	14400
	16500	15898	14900	14500
	16600	15995	15000	14600
	16700	16092	15100	14700
	16800	16189	15200	14800
	16900	16286	15300	14900
	17000	16383	15400	15000
	17100	16480	15500	15100
	17200	16577	15600	15200
	17300	16674	15700	15300
	17400	16771	15800	15400
	17500	16868	15900	15500
	17600	16965	16000	15600
	17700	17062	16100	15700
	17800	17159	16200	15800
	17900	17256	16300	15900
	18000	17353	16400	16000
	18100	17450	16500	16100
	18200	17547	16600	16200
	18300	17644	16700	16300
	18400	17741	16800	16400
	18500	17838	16900	16500
	18600	17935	17000	16600
	18700	18032	17100	16700
	18800	18129	17200	16800
	18900	18226	17300	16900
	19000	18323	17400	17000
	19100	18420	17500	17100
	19200	18517	17600	17200
	19300	18614	17700	17300
	19400	18711	17800	17400
	19500	18808	17900	17500
	19600	18905	18000	17600
	19700	19002	18100	17700
	19800	19099	18200	17800
	19900	19196	18300	17900
	20000	19293	18400	18000

PROFESSIONAL ENGINEER
JAMES D. WELLS, JR.
 No. 53616
 July 10, 2012
 STATE OF FLORIDA

DESIGN PRESSURE RATING ± 80 PSF.
 LARGE MISSILE IMPACT RESISTANCE

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 Arbutus Circle
 Oviedo, Fl. 32765
 (407) 496-5489
 Certificate of Authorization
 No. 27162

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

REVISION: [] BY: [] DATE: []

PRODUCT NAME: ISFG

DRAWN BY: JWF DATE: 10/14/2011 DWG. NO. STI-0000298-SHT2 REV. A

PART NAME: ISFG SKYLIGHT PLAN VIEW FILE NAME: Z:\DWG\DWG\CAD 2000 DRAWING\SDADE COUNTY ISFG STI-0000298-SHT2 SHEET 2 OF 2 DWG. NO. STI-0000298-SHT2

tip to tip 4.000 5.8125 5.8125 5.8125 5.8125 5.8125 4.000

FASTENERS SKYLIGHT TO DECK #8 X 1" (9) PER SIDE

ISFG 4949

SYMETRICAL

FASTENERS SUB-FRAME TO FRAME

4" MINIMUM LIP TO ROOF SURFACE

4" MINIMUM ROOF SURFACE TO LIP

SHINGLES (SEE NOTE 1)

#8 X 1" PHILLIPS PAN HEAD SCREW (9) PER SIDE

3/4" min. protrusion

RAFTER OR TRUSS

ROOF DECK 1/2" min thickness

4" MINIMUM ROOF SURFACE TO LIP

3 RINGS OF BUTYL SEALANT BENEATH FLANGE (CONTINUOUS) AROUND PERIMETER OF FLANGE (CONTINUOUS), AND ON TOP OF EACH FLANGE SCREW

STI-207 HSF SUB-FRAME MITERED AND WELDED CORNERS 0.075 6063 T6 ALUM

SILICONE SEAL TOP AND BOTTOM (CONTINUOUS)

WELDED CORNERS 6063 T6 ALUM AND HEX NUT (7) PER SIDE

#8-32 X 3/4" PHILLIPS PAN HD SCREW

STI-205 CMG FRAME 0.060 MITERED AND WELDED CORNERS 6063 T6 ALUM

STI-401 WOOD LINER (CONTINUOUS)

STI-16 GLASS GASKET EPDM (CONTINUOUS)

SILICONE BEDDING (CONTINUOUS)

STI-214 DECO RING MITERED AND WRAPPED AROUND 0.050 6063 T6 ALUM

INSULATED AIR SPACE WITH ARGON GAS FILLED

SWIGGLE SPACER (0.625")

OUTBOARD DSB TEMPERED

STI-216 DECO COVER 0.075 6063 T6 ALUM

INBOARD GLASS DSB TEMPERED

177 POLYCARBONATE SHEET PALRAMI PALUSUN

AIR SPACE OR DADE COUNTY APPROVED INSULATION

PRODUCT RENEWED
 as complying with the Florida Building Code

17-1025.22
 Acceptance No. 18-0716.03
 Expiration Date 10/31/2023

10/31/2018
 By H.A. Wells
 Miami Lead Product Control

10/31/2018
 By H.A. Wells
 Miami Lead Product Control