



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](http://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: Hurricane Self Flashing (HSF) Aluminum Skylight**

**APPROVAL DOCUMENT:** Drawing No. **HSF-002**, titled "HSF", sheets 1 and 2 of 2, dated 01/27/2001, prepared by Sun-Tek Manufacturing, Inc., 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 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 #15-0513.07 and consists of this page 1 and evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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



*Helmy A. Makar*  
02/22/2018

NOA No. 17-1023.19  
Expiration Date: 01/10/2021  
Approval Date: 02/22/2018  
Page 1

**Sun-Tek Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **HSF-002**, titled "HSF", sheets 1 and 2 of 2, dated 01/27/2001, with revision dated 12/15/2010, prepared by Sun-Tek Manufacturing, Inc., signed and sealed by James D. Wells, Jr., P.E.

**B. TESTS "*Submitted under NOA # 11-0104-09*"**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of HSF Polycarbonate Aluminum Fixed Skylights, prepared by National Certified Testing Laboratories, Test Reports No. **210-3716-1**, dated 11/22/2010, with a revision dated 03/07/2010, signed and sealed by Gerard J. Ferrara, P.E.

**C. CALCULATIONS "*Submitted under NOA # 11-0104-09*"**

1. Anchor calculations prepared by J & L Wells Consulting LLC, dated 01/04/2011, signed and sealed by James D. Wells, Jr., P.E.

**D. QUALITY ASSURANCE**

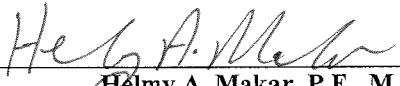
1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **12-0110.04** issued to Palram Americas, Inc. for their "Corrugated and Flat Polycarbonate Panels", approved on 02/23/2012 and expiring on 01/22/2016.
2. Notice of Acceptance No. **08-0305.02** issued to SABIC Innovative Plastics for their "Lexan Sheet Products" approved on 04/24/2008 and expiring on 07/17/2013.
3. Notice of Acceptance No. **10-0329.03** issued to Sheffield Plastics, Inc., for their "Makrolon Polycarbonate Sheets" approved on 07/07/2010 and expiring on 08/27/2012.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 FBC issued by J & L Wells Consulting LLC, dated 04/25/2012, signed and sealed by James D. Wells, Jr., P.E.  
  
***"Submitted under NOA # 11-0104-09"***
2. Statement letter of code conformance with FBC 2007 and no financial interest issued by J & L Wells Consulting LLC, dated 03/17/2011, signed and sealed by James D. Wells, Jr., P.E.

  
\_\_\_\_\_  
**Helmy A. Makar, P.E., M.S.**  
Product Control Section Supervisor  
NOA No. 17-1023.19  
Expiration Date: 01/10/2021  
Approval Date: 02/22/2018

**Sun-Tek Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #15-0513.07**

**A. DRAWINGS**

1. *Drawing No. HSF-002, titled "HSF", sheets 1 and 2 of 2, dated 01/27/2001, with revision dated 05/04/2015, prepared by Sun-Tek Manufacturing, Inc., 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, Regulatory and Economic Resources Department (RER).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of code conformance to 2014 FBC issued by J & L Wells Consulting LLC, dated 05/05/2015, signed and sealed by James D. Wells, Jr., P.E.*

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. HSF-002, titled "HSF", sheets 1 and 2 of 2, dated 01/27/2001, prepared by Sun-Tek Manufacturing, Inc., signed and sealed by James D. Wells, Jr., P.E., on October 06, 2017.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

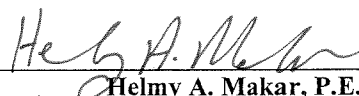
1. *By Miami-Dade County, Regulatory and Economic Resources Department (RER).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

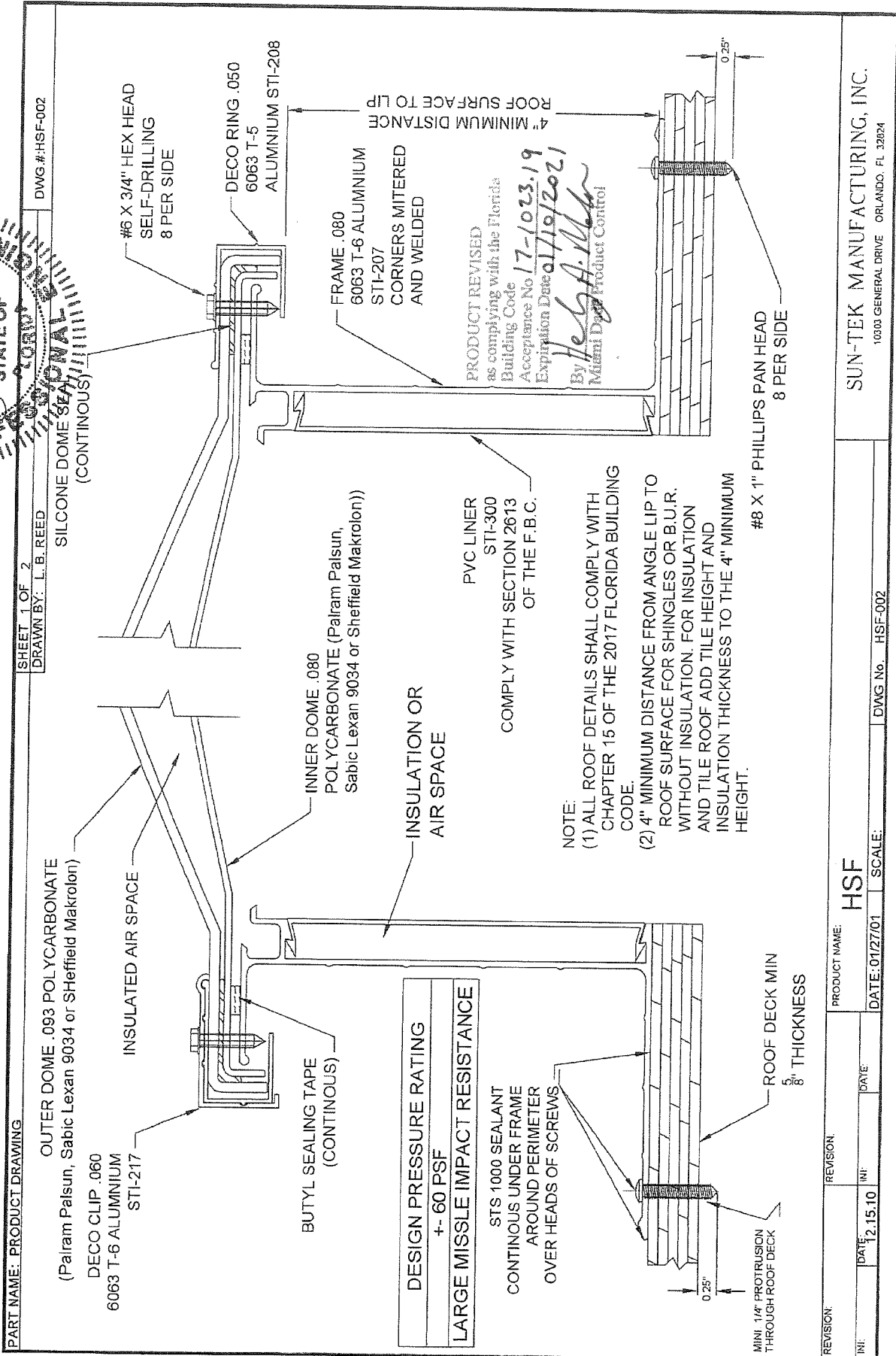
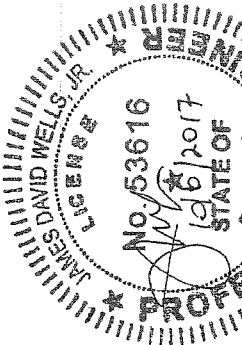
1. *Statement letter of code conformance to 2017 FBC issued by J & L Wells Consulting LLC, dated 10/06/2017, signed and sealed by James D. Wells, Jr., P.E.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 17-1023.19  
Expiration Date: 01/10/2021  
Approval Date: 02/22/2018

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



DESIGN PRESSURE RATING  
+- 60 PSF  
LARGE MISSILE IMPACT RESISTANCE

STS 1000 SEALANT  
CONTINUOUS UNDER FRAME  
AROUND PERIMETER  
OVER HEADS OF SCREWS

MINI 1/4" PROTRUSION  
THROUGH ROOF DECK  
5/8" THICKNESS

PART NAME: PRODUCT DRAWING  
SHEET 1 OF 2  
DRAWN BY: L. B. REED  
DWG #HSF-002

OUTER DOME .093 POLYCARBONATE  
(Palram Palsun, Sabic Lexan 9034 or Sheffield Makrolon)

INSULATED AIR SPACE

INNER DOME .080  
POLYCARBONATE (Palram Palsun,  
Sabic Lexan 9034 or Sheffield Makrolon))

INSULATION OR  
AIR SPACE

PVC LINER  
STI-300  
COMPLY WITH SECTION 2613  
OF THE F.B.C.

NOTE:  
(1) ALL ROOF DETAILS SHALL COMPLY WITH  
CHAPTER 15 OF THE 2017 FLORIDA BUILDING  
CODE.  
(2) 4" MINIMUM DISTANCE FROM ANGLE LIP TO  
ROOF SURFACE FOR SHINGLES OR B.U.R.  
WITHOUT INSULATION. FOR INSULATION  
AND TILE ROOF ADD TILE HEIGHT AND  
INSULATION THICKNESS TO THE 4" MINIMUM  
HEIGHT.

#8 X 1" PHILLIPS PAN HEAD  
8 PER SIDE

0.25"

0.25"

4" MINIMUM DISTANCE  
ROOF SURFACE TO LIP

FRAME .080  
6063 T-6 ALUMINIUM  
STI-207  
CORNERS MITERED  
AND WELDED

DECO RING .050  
6063 T-5  
ALUMINIUM STI-208

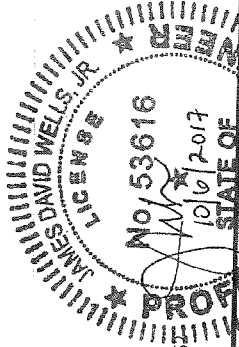
#6 X 3/4" HEX HEAD  
SELF-DRILLING  
8 PER SIDE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 17-1023.19  
Expiration Date 01/10/2021  
By: *Heidi A. Allen*  
Miami Dept Product Control

REVISION:	REVISION:	PRODUCT NAME:	SCALE:
DATE: 12.15.10	DATE:	HSF	DWG No. HSF-002
TIME:	TIME:	SUN-TEK MANUFACTURING, INC. 1030 GENERAL DRIVE ORLANDO, FL 32824	

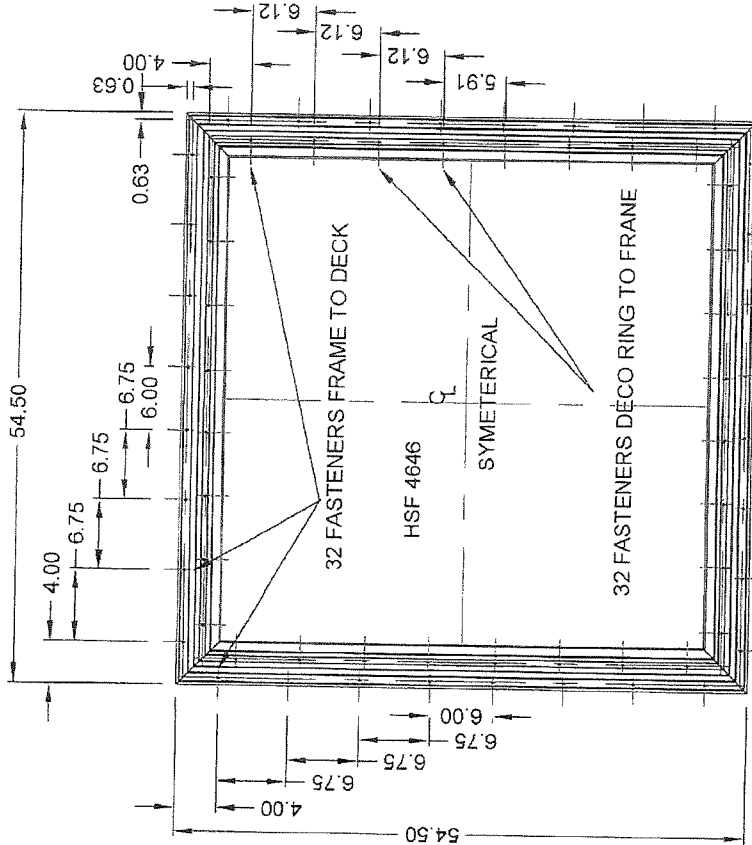
J & L Wells Consulting LLC  
 1453 Arbutus Circle  
 Oviedo, FL 32765  
 (407) 496-5489  
 Certificate of Authorization No. 27161

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



PART NAME: PLAN VIEW/HSF

SHEET 2 OF 2  
 DRAWN BY: L. B. REED  
 DWG # HSF-002

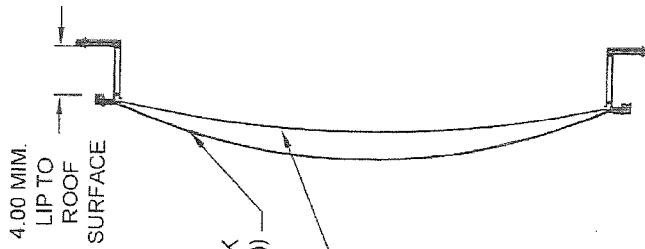


NOTE:

- (1) ALL ROOF DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE 2017 FLORIDA BUILDING CODE.
- (2) 4" MINIMUM DISTANCE FROM ANGLE LIP TO ROOF SURFACE FOR SHINGLES OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO THE 4" MINIMUM HEIGHT.

POLYCARBONATE DOME .093 THICK  
 (Palram Palsum, Sheffield Makrolon or Sabic Lexan 9034))

POLYCARBONATE DOME .080 THICK  
 (Palram Palsum, Sheffield Makrolon or Sabic Lexan 9034)



DESIGN PRESSURE RATING	+/- 60 PSF
LARGE MISSILE IMPACT RESISTANCE	

FASTENER SCHEDULE FRAME TO DECK #8 X 1 PHILLIPS PAN HEAD SCREWS		FASTENER SCHEDULE DECO RING TO FRAME #6 X 3/4 HEX HEAD SELF DRILLING SCREWS			
MODEL	PER LONG SIDE	PER SHORT SIDE	MODEL	PER LONG SIDE	PER SHORT SIDE
4646	8	8	4646	8	8
3046	8	6	3046	8	6
3636	7	7	3636	7	7
2246	8	5	2246	8	5
2222	5	5	2222	5	5

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 17-1023.19  
 Expiration Date 01/16/2021  
 By *Heidi A. Miller*  
 Miami Data Product Control

REVISION	DATE	BY

PRODUCT NAME: HSF  
 DATE: 01/28/01  
 SCALE:

DWG No. HSF-002

SUN-TEK INDUSTRIES, INC.

10308 GENERAL DRIVE  
 ORLANDO, FL 32824