



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: 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)

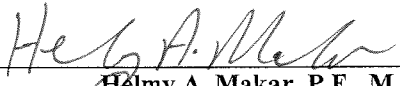
E. MATERIAL CERTIFICATIONS

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

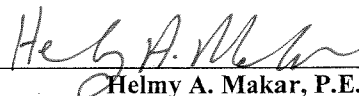
1. *By Miami-Dade County, Regulatory and Economic Resources Department (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

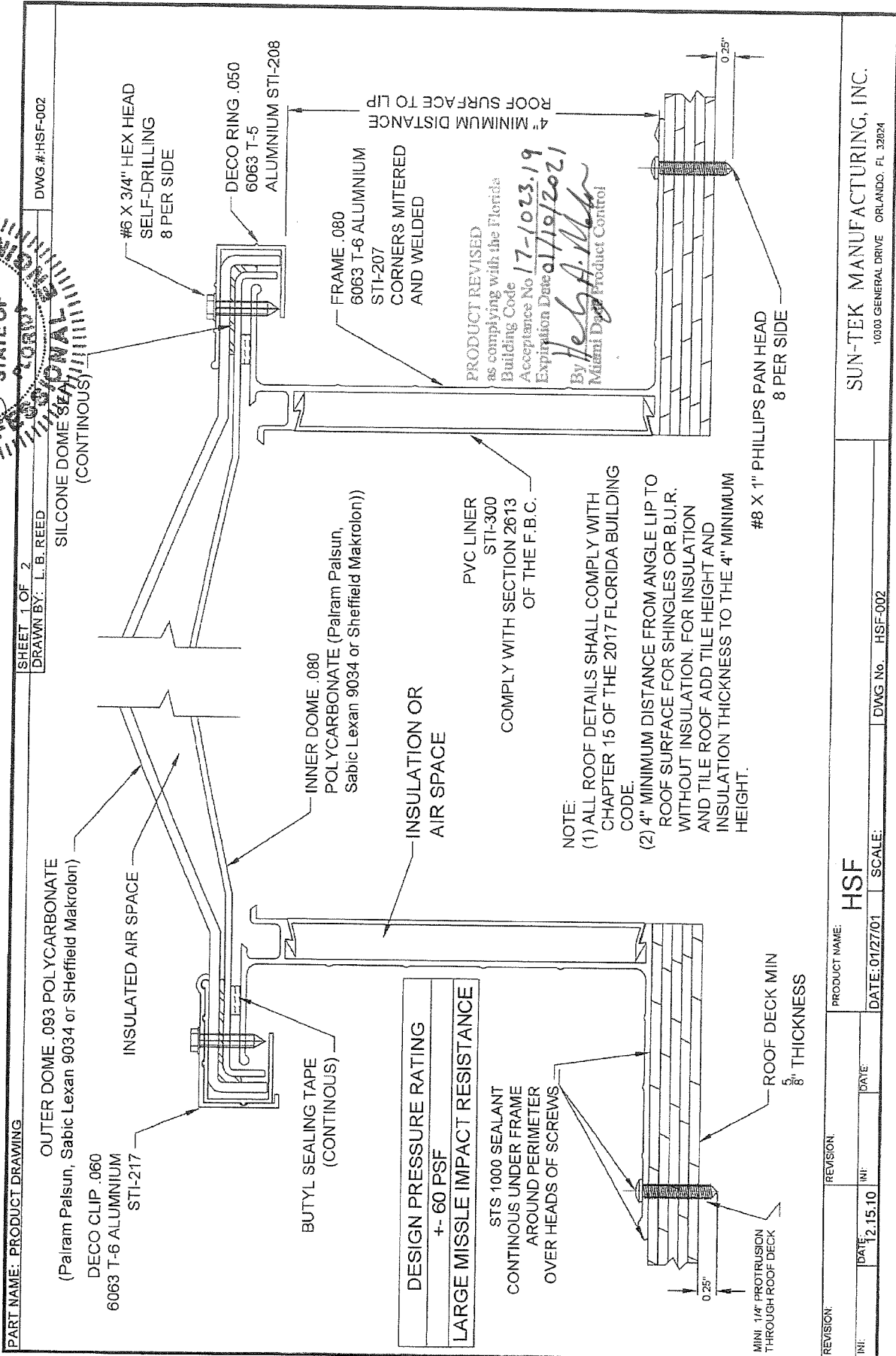
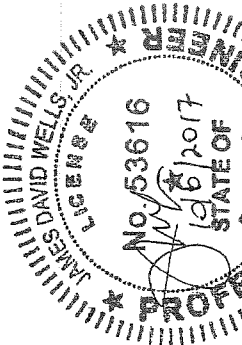
1. *Statement letter of code conformance to 2017 FBC issued by J & L Wells Consulting LLC, dated 10/06/2017, signed and sealed by James D. Wells, Jr., P.E.*



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

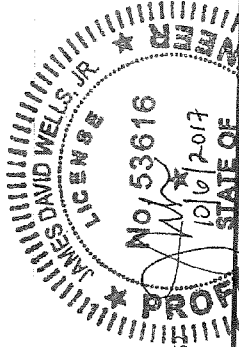
PART NAME: PRODUCT DRAWING
SHEET 1 OF 2
DRAWN BY: L. B. REED
DWG #HSF-002

OUTER DOME .093 POLYCARBONATE
(Palram Palsun, Sabic Lexan 9034 or Sheffield Makrolon)
DECO CLIP .060
6063 T-6 ALUMINIUM
STI-217
INSULATED AIR SPACE
BUTYL SEALING TAPE
(CONTINUOUS)
INSULATION OR
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
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 |

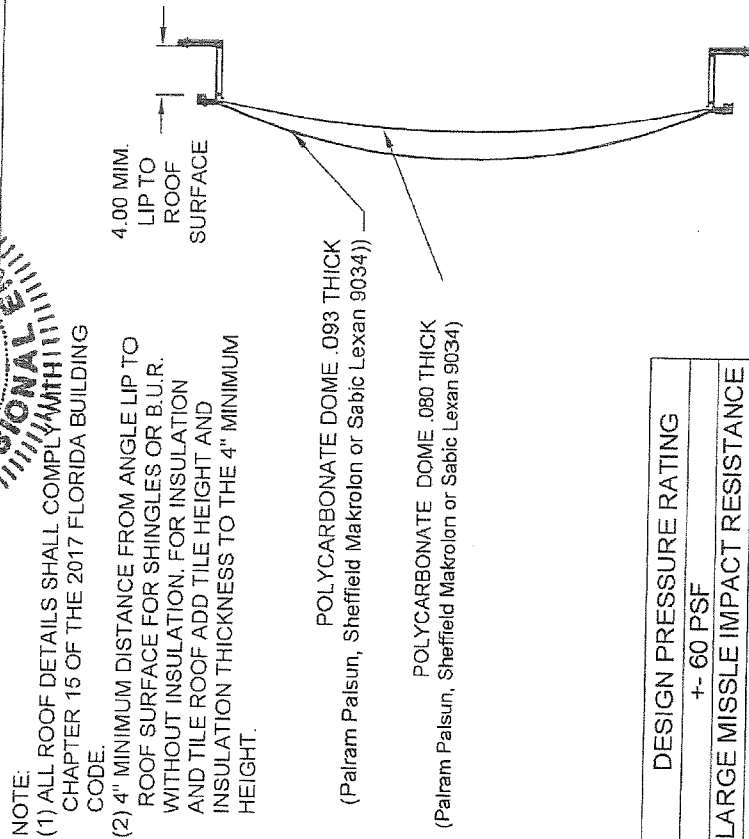
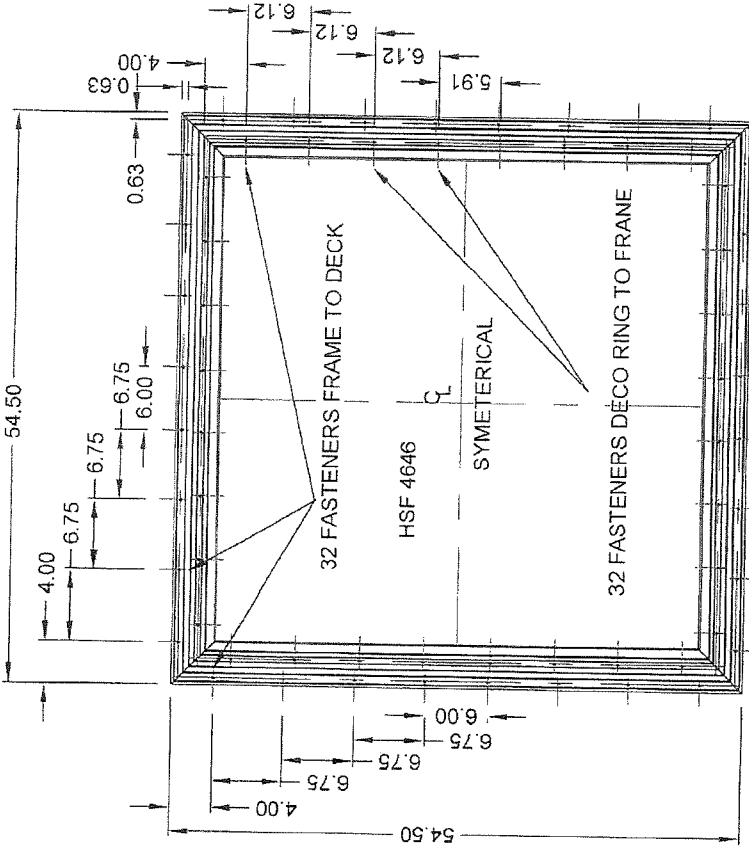
J & L Wells Consulting LLC
 1453 Arbutus Circle
 Oviedo, FL 32765
 (407) 496-5489
 Certificate of Authorization No. 27161

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 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. Wells*
 Miami Data Product Control

| | | | | |
|--------------------------|------|----|--|----|
| REVISION | DATE | BY | DATE | BY |
| | | | | |
| PRODUCT NAME: HSF | | | DATE: 01/28/01 | |
| SCALE: HSF | | | DWG NO. HSF-002 | |
| SUN-TEK INDUSTRIES, INC. | | | 10308 GENERAL DRIVE ORLANDO, FL 32824 | |