



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, Florida 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: Sun-Tek Tubular Skylight

APPROVAL DOCUMENT: Drawing No. **22001**, titled "21", 14" & 10" Tube Light/Tubular Skylights", sheets 1 through 7 of 7, prepared by Sun-Tek Manufacturing, Inc., dated 10/14/2011, signed and sealed by James D. Wells, Jr., P.E., on 10/16/2017, 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 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 **renews** NOA # **17-1025.10** and consists of this page 1 and evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

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



Helmy A. Makar
05/10/2018

NOA No 18-0418.02
Expiration Date: 05/26/2023
Approval Date: 05/10/2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-0422.01

A. DRAWINGS

1. *Drawing No. TL-22001, titled "21", 14" & 10" Tube Light/Tubular Skylights", sheets 1 through 7 of 7, prepared by Sun-Tek Industries, Inc., dated 02/12/09, signed and sealed by James D. Wells, Jr., P.E.*

B. TESTS

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 21" Tube Aluminum Skylights, prepared by National Certified Testing Laboratories, Test Report No. 210-3520-01, dated 03/04/09, signed and sealed by Gerard J. Ferrara, P.E.*

C. CALCULATIONS

1. *Anchor calculations prepared by J & L Wells Consulting, LLC, dated 04/14/09, signed and sealed by James D. Wells, Jr., P.E.*

D. QUALITY ASSURANCE

1. *Miami Dade Building Code Compliance Office (BCCO)*

E. MATERIAL CERTIFICATIONS

1. *Notice of Acceptance No. 08-0305.02, issued to SABIC Innovative Plastics, for their Lexan Sheet Products, approved on 04/24/08 and expiring on 07/17/13.*
2. *NOA No. 05-0907.03, issued to Palram Americas, Inc., for their Corrugated and Flat Polycarbonate Panels, approved on 08/31/06, expires on 01/22/2011.*

F. STATEMENTS

1. *Code compliance statement issued by J & L Wells Consulting, LLC, dated 04/14/09, signed and sealed by James D. Wells, Jr., P.E.*

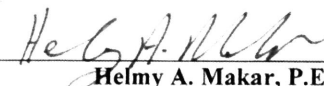
2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0601.05

A. DRAWINGS

1. *Drawing No. 22001, titled "21", 14" & 10" Tube Light/Tubular Skylights", sheets 1 through 7 of 7, prepared by Sun-Tek Manufacturing, Inc., dated 10/14/2011, signed and sealed by James D. Wells, Jr., P.E., on 10/14/2011.*

B. TESTS

1. *None.*


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 18-0418.02
Expiration Date: 05/26/2023
Approval Date: 05/10/2018

Sun-Tek Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0513.06

A. DRAWINGS

1. *Drawing No. 22001, titled "21", 14" & 10" Tube Light/Tubular Skylights", sheets 1 through 7 of 7, prepared by Sun-Tek Manufacturing, Inc., dated 10/14/2011, signed and sealed by James D. Wells, Jr., P.E., on 05/04/2015.*

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.*

F. STATEMENTS

1. *FBC, 2014 Edition Code compliance statement issued by J & L Wells Consulting, LLC, dated 05/05/2015, signed and sealed by James D. Wells, Jr., P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-1025.10

A. DRAWINGS

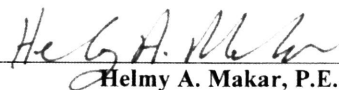
1. *Drawing No. 22001, titled "21", 14" & 10" Tube Light/Tubular Skylights", sheets 1 through 7 of 7, prepared by Sun-Tek Manufacturing, Inc., dated 10/14/2011, signed and sealed by James D. Wells, Jr., P.E., on 10/16/2017.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No 18-0418.02

Expiration Date: 05/26/2023

Approval Date: 05/10/2018

Sun-Tek Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2017 Edition Code compliance statement issued by J & L Wells Consulting, LLC, dated 10/16/2017, signed and sealed by James D. Wells, Jr., P.E.*

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

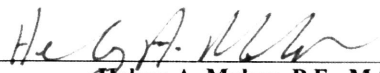
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

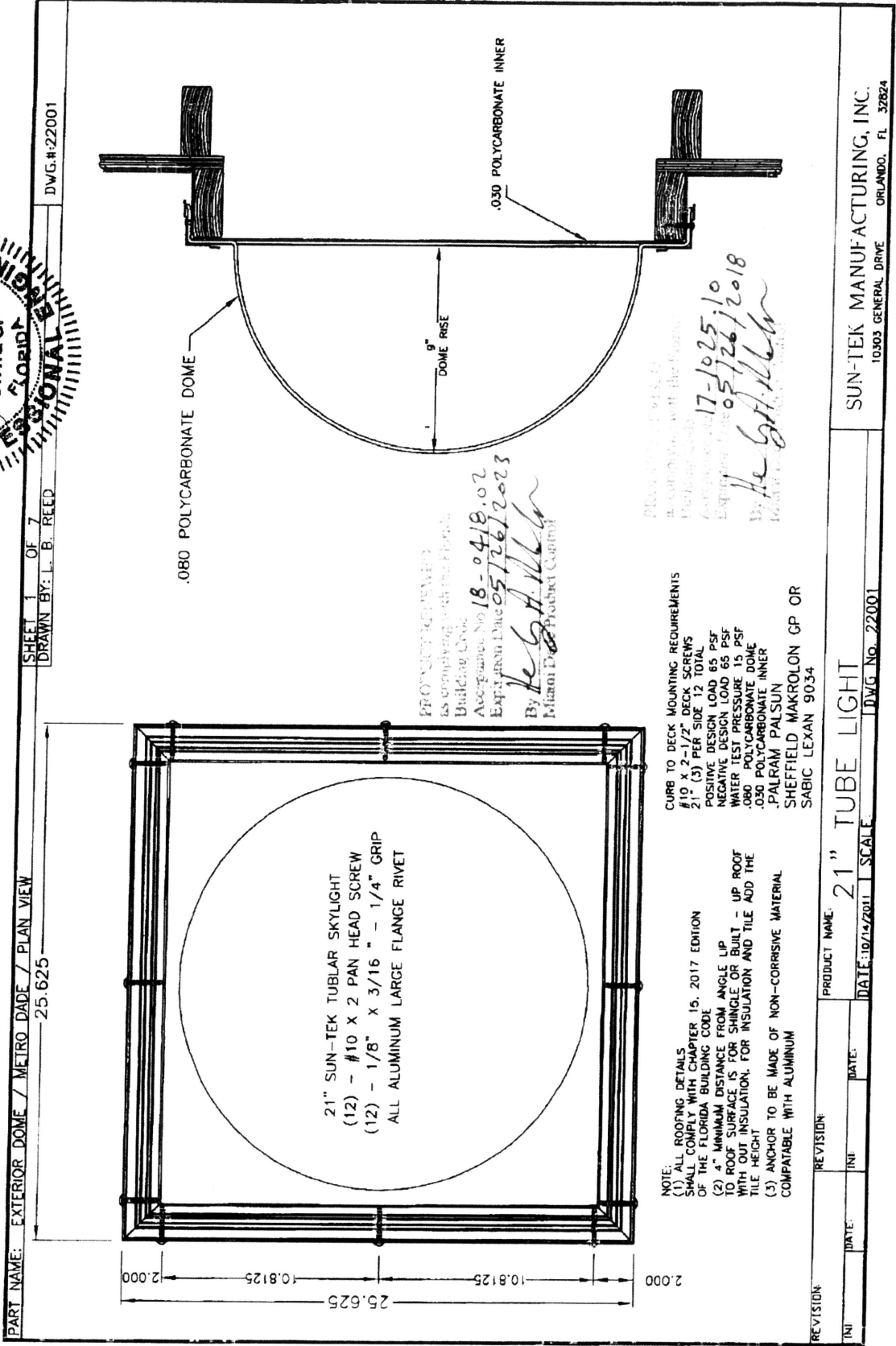
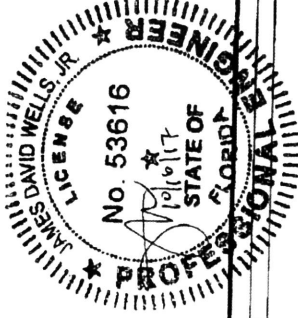
F. STATEMENTS

1. *FBC, 2017 Edition Code compliance statement issued by J & L Wells Consulting, LLC, dated 04/11/2018, signed and sealed by James D. Wells, Jr., P.E.*


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 18-0418.02
Expiration Date: 05/26/2023
Approval Date: 05/10/2018

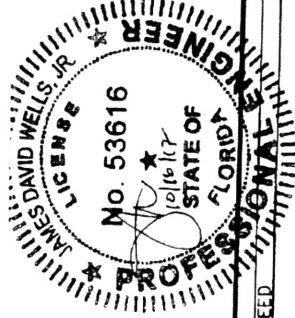
Engineer of Record:
James D. Wells, Jr., P.E.
Professional Engineer No. 53616
Certificate of Authorization No. 27162

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

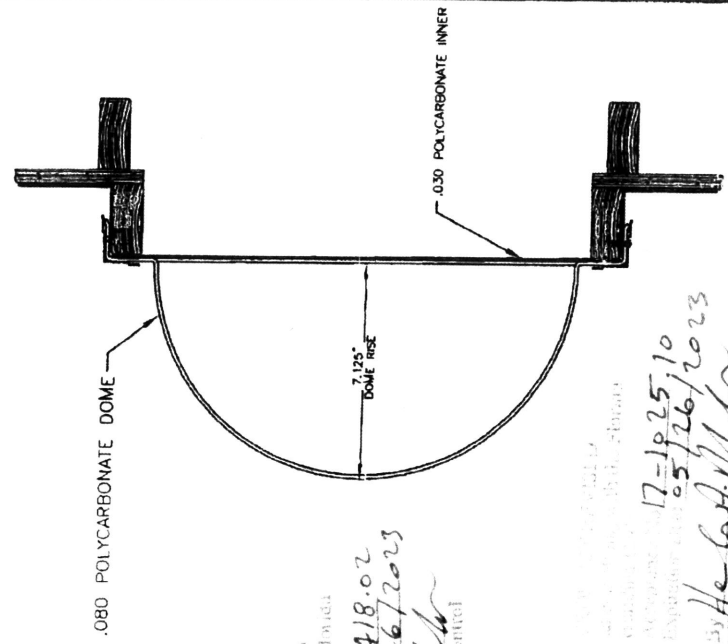
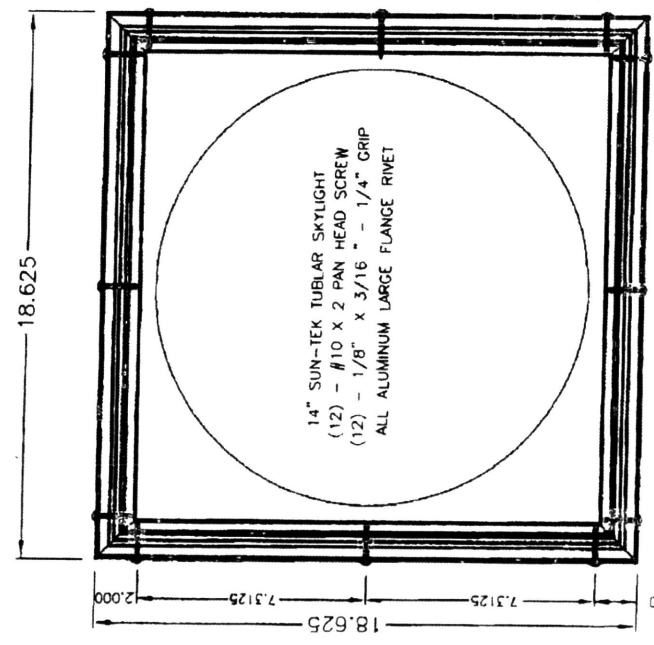


Engineer of Record:
 James D. Wells, Jr., P.E.
 Professional Engineer No. 53616
 Certificate of Authorization No. 27162

J & L Wells Consulting LLC
 1453 Arbutus Circle
 Oviedo, FL 32765
 (407) 496-5489



PART NAME: EXTERIOR DOME / METRO DADE / PLAN VIEW
 SHEET 2 OF 7
 DRAWN BY: L. B. REED
 DWG.#: 22001



NOTE:
 (1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15, 2017 EDITION OF THE FLORIDA BUILDING CODE
 (2) 4" MINIMUM DISTANCE FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR BUILT UP ROOF WITH OUT INSULATION. FOR INSULATION AND TILE ADD THE TILE HEIGHT
 (3) ANCHOR TO BE MADE OF NON-CORROSIVE MATERIAL COMPATIBLE WITH ALUMINUM

CURB TO DECK MOUNTING REQUIREMENTS
 #10 X 2-1/2" DECK SCREWS
 14" (3) PER SIDE 12 TOTAL
 POSITIVE DESIGN LOAD 65 PSF
 NEGATIVE DESIGN LOAD 65 PSF
 WATER TEST PRESSURE 15 PSF
 .080 POLYCARBONATE DOME
 .030 POLYCARBONATE INNER
 PALRAM PALSUN
 SHEFFIELD MAKROLON GP OR
 SABIC LEXAN 9034

PRODUCT GENERALS
 as complying with the Florida
 Building Code
 Acceptance No. 18-0418.02
 Expiration Date 05/26/2023
 By: *Heidi A. Wells*
 Miami Design Product Control

17-192510
 05/26/2023
Heidi A. Wells

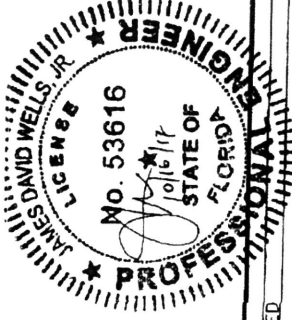
REVISION	DATE	BY	DATE	REVISION	DATE	BY	DATE	REVISION	DATE	BY	DATE

PRODUCT NAME: 14" TUBE LIGHT
 DATE: 10/12/2011 SCALE: DWG. No. 22001

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

Engineer of Record:
 James D. Wells, Jr., P.E.
 Professional Engineer No. 53616
 Certificate of Authorization No. 27162

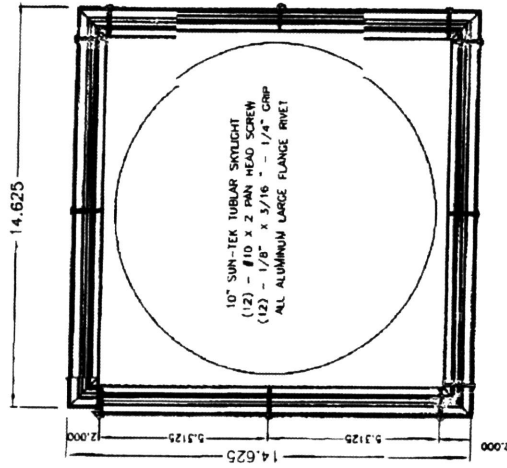
J & L Wells Consulting LLC
 1453 Arbutus Circle
 Oviedo, FL 32765
 (407) 496-5489



PART NAME: EXTERIOR DOME / METRO DOME / PLAN VIEW

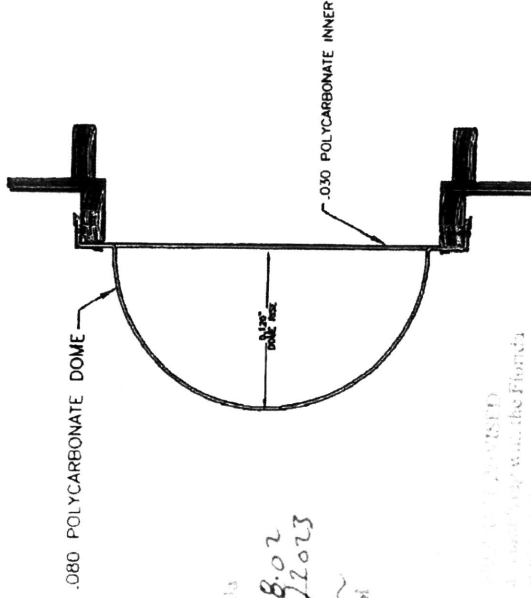
SHEET 3 OF 7
 DRAWN BY: L. B. REED

DWG. #: 22001



NOTE:
 (1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 16, 2017 EDITION OF THE FLORIDA BUILDING CODE
 (2) 4" MINIMUM DISTANCE FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR BUILT - UP ROOF WITH OUT INSULATION. FOR INSULATION AND TILE ADD THE TILE HEIGHT
 (3) ANCHOR TO BE MADE OF NON-CORROSIVE MATERIAL COMPATIBLE WITH ALUMINUM

CURB TO DECK MOUNTING REQUIREMENTS
 #10 X 2-1/2" DECK SCREWS
 10" (3) PER SIDE 12 TOTAL
 POSITIVE DESIGN LOAD 65 PSF
 NEGATIVE DESIGN LOAD 65 PSF
 WATER TEST PRESSURE 15 PSF
 .080 POLYCARBONATE DOME
 PALRAM PALSON
 SHEFFIELD MAKROLON GP OR
 SABIC LEXAN 9034



PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0418-02
 Expiration Date 05/26/2023
 By: *He G. H. Miller*
 Miami Design Product Control

DESIGN BY: J. D. WELLS, JR.
 A PROFESSIONAL ENGINEER
 License No. 53616
 State of Florida
 Date: 05-26-2018
 By: *He G. H. Miller*
 A PROFESSIONAL ENGINEER

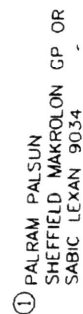
REVISION: _____
 DATE: _____
 PRODUCT NAME: 10" TUBE LIGHT
 DATE: 10/19/2011 SCALE: _____
 DWG No. 2200

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

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



DWG.#: 22001



PRODUCT REVISED
as comply with the Florida
Building Code
Acceptance No. 17-1025-10
Expiration Date 05/26/2018
By: *Healy, A. M.*
Minimum Design Load: 4000 lb

MATERIAL: SOLID ALUMINUM, 6063 T6 GRADE
26A WT/FT

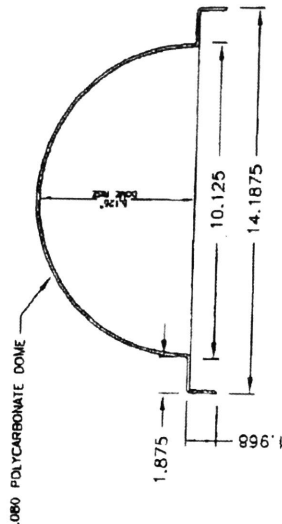
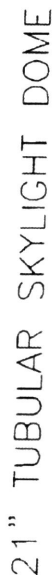
REVISION:	REVISION:		PRODUCT NAME:	21" 14" & 10" TUBE LIGHT		SUN-TEK MANUFACTURING, INC. 10303 GENERAL DRIVE ORLANDO, FL 32824
DATE:	DATE:	DATE:	DATE: 5/01/4/2001	SCALE:	DWG. No. 22001	

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



SHEET 5 OF 7
DRAWN BY: S RYAN

DWG. H: 22001



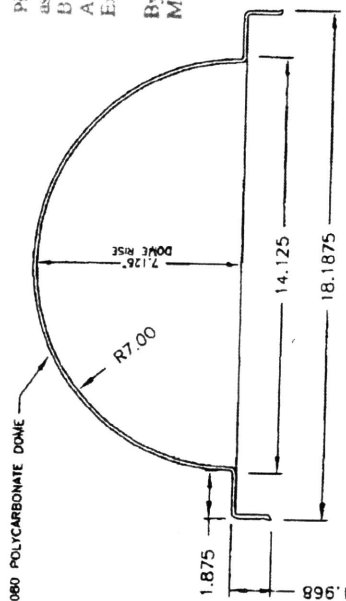
10" TUBULAR SKYLIGHT DOME

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0418
Expiration Date 05/26/2020
By H. G. A. M. M.
Miami Dept. of Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Approval No. 17-1025
Expiration Date 05/26/2025

DOME MATERIAL

PALRAM PALSUN
SHEFFIELD MAKROLON GP OR
SABIC LEXAN 9034



14" TUBULAR SKYLIGHT DOME

REVISION:		REVISION:		PRODUCT NAME:		21" 14" & 10" TUBE LIGHT		SUN-TEK MANUFACTURING, INC.	
DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:
10/14/2011	10/14/2011	10/14/2011	10/14/2011	10/14/2011	10/14/2011	10/14/2011	10/14/2011	10/14/2011	10/14/2011
DWG No. 22001		DWG No. 22001		DWG No. 22001		DWG No. 22001		DWG No. 22001	
10303 GENERAL DRIVE		10303 GENERAL DRIVE		10303 GENERAL DRIVE		10303 GENERAL DRIVE		10303 GENERAL DRIVE	
ORLANDO, FL 32824		ORLANDO, FL 32824		ORLANDO, FL 32824		ORLANDO, FL 32824		ORLANDO, FL 32824	

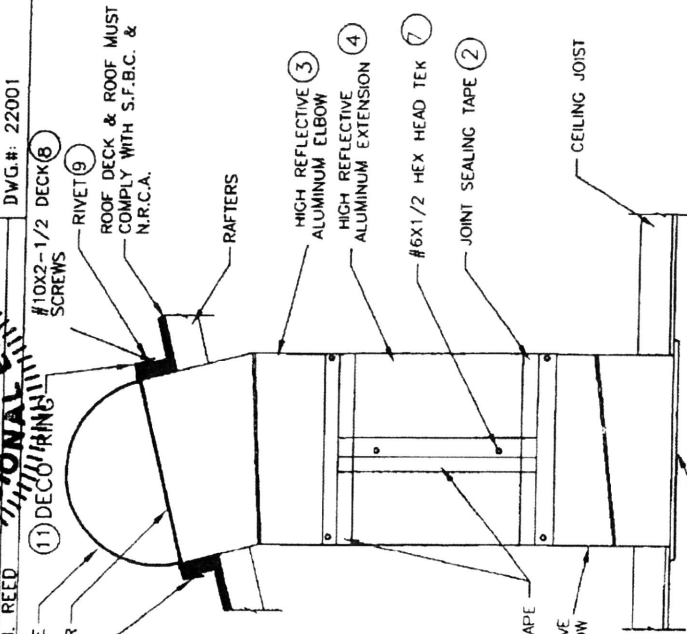
J & L Wells Consulting LLC
 1453 Arbutus Circle
 Oviedo, FL 32765
 (407) 496-5489
 Certificate of Authorization No. 27162

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



PART NAME: INSTALLATION DESCRIPTION

SHEET 6 OF 7
 DRAWN BY: L. B. REED
 DWG. #: 22001



ITEM	PART NAME	DISCRIPTION	VENDOR
1	EXTERIOR DOME	.080 POLYCARBONATE DOME	SEE DOME MATERIAL
2	SEALING TAPE	DUCT TAPE 2"	VENTURE TAPE
3	ELBOWS	MIRO 4	ALANOD
4	CONNECTOR	MIRO 4	ALANOD
5	LENS RING ASSEMBLY	INTERIOR DOME	
6	#10 PHS X 2"	FASTENERS EXTERIOR DOME	MERIT FASTENER
7	#6 X1/2" HEX TEK	TUBE FASTENERS	MERIT FASTENER
8	#10 X2-1/2" DECK SCREWS	CURB ANCHORS	MERIT FASTENER
9	1/8 X3/16" GRIP ALUM. LARGE FLANGE RIVET	DECO RING FASTENER	Mc MASTER-CARR
10	.020 GALV.	TUBE RETAINER	
11	DECO RING	EXTRUSION	
12	INNER PANEL	.030 POLYCARBONATE INNER	

* THIS APPROVAL IS LIMITED TO THE DOME AND THE ATTACHMENT TO THE STRUCTURE AND THE ROOF. ALL OTHERS ARE NOT PART OF THIS APPROVAL.

DOMES SPECIFICATIONS

21" DOME HEIGHT 9"
14" DOME HEIGHT 7-1/8"
10" DOME HEIGHT 5-1/8"

DOMES MATERIAL

PALRAM PALSUN
 SHEFFIELD MAKROLON GP OR
 SABIC LEXAN 9034

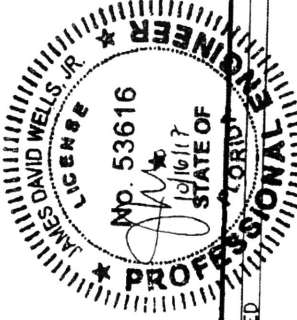
PROJECT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. 17-1025.10
 Expiration Date 05/26/2018
 By: H. G. Allen
 Member of the Florida Council

PROJECT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. 18-0418.02
 Expiration Date 05/26/2023
 By: H. G. Allen
 Member of the Florida Council

REVISION	DATE	BY	DATE	BY
PRODUCT NAME: TUBULAR SKYLIGHT				
DATE: 10/14/2011 SCALE: DWG. No. 22001				
SUN-TEK MANUFACTURING, INC. 10303 GENERAL DRIVE ORLANDO, FL 32824				

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

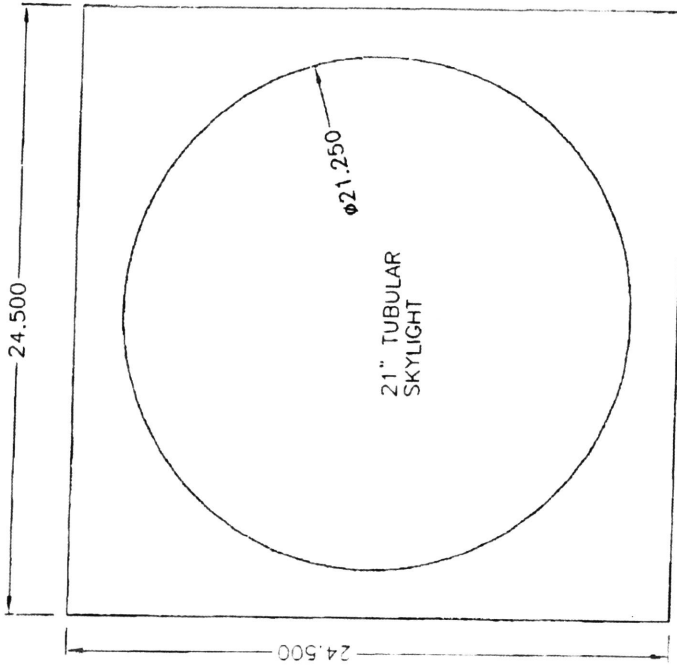
Engineer of Record:
 James D. Wells, Jr., P.E.
 Professional Engineer No. 53616



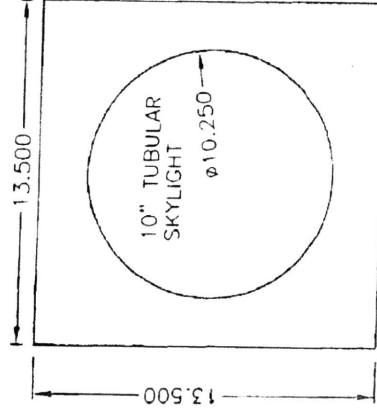
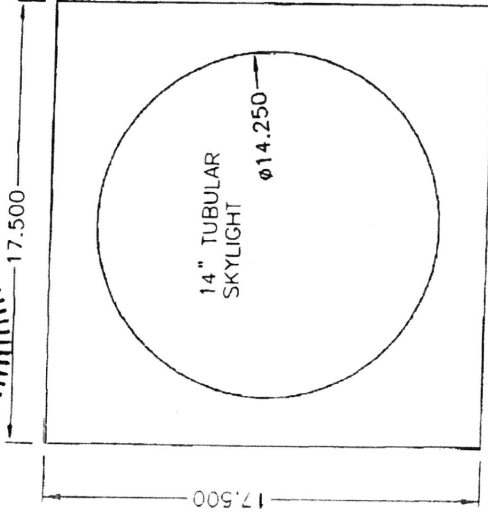
PART NAME: TUBE RETAINERS

SHEET 7 OF 7
 DRAWN BY: L. B. REED

DWG. # 22001



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0418.002
 Expiration Date 05/26/2023
 By: He G. A. M. M.
 Miami Product Control



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1025.10
 Expiration Date 05/26/2018
 By: He G. A. M. M.
 Miami Product Control

REVISION		REVISION	
DATE	INT	DATE	INT

PRODUCT NAME: TUBULAR SKYLIGHTS
 DATE: 10/14/2011 SCALE: 1/8" = 1'-0"

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