

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

# **NOTICE OF ACCEPTANCE (NOA)**

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

Air System Components, Inc. dba PennBarry 605 Shiloh Road Plano, TX 75074

#### 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 Florida Building Code, including the High Velocity Hurricane Zone.

#### **DESCRIPTION: Model PHHW Aluminum Penthouse Louver System**

**APPROVAL DOCUMENT:** Drawing No. **60-022497-00D**, titled "PHHW Penthouse", sheets 1 through 11 of 11, dated 12/04/2017, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Jeffrey D. Smith, P.E. on 08/16/2022, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and approval 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 # 19-1015.14** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY
APPROVED

Hum

NOA No. 22-0912.01 Expiration Date: November 20, 2024 Approval Date: October 13, 2022

Page 1

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 1. Evidence submitted under NOA #18-0719.03

#### A. DRAWINGS

1. Drawing No. **60-022497-00D**, titled "PHHW Penthouse", sheets 1 through 11 of 11, dated 12/04/2017, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Melissa M. Massar, P.E. on 08/08/2018.

#### B. TESTS "Submitted under NOA # 08-1003.05"

- 1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 2) Large Missile Impact Test per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of Series/Model PHB6625D Penthouse, prepared by Architectural Testing, Inc., Test Report No. **73628.01-401-18**, dated 09/05/2007, signed and sealed by Joseph A. Reed, P.E.

#### C. CALCULATIONS "Submitted under NOA # 18-1025.03"

1. Wind load review prepared by Ruskin Company, dated 08/18/2018, signed and sealed by Melissa M. Massar, P.E.

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS "Submitted under NOA # 18-1025.03"

- 1. Statement letter of code conformance to the 6<sup>th</sup> edition (2017) FBC issued by Ruskin Company, dated 08/18/2018, signed and sealed by Melissa M. Massar, P.E.
- 2. Private label agreement dated 08/30/2018.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 22-0912.01

Expiration Date: November 20, 2024 Approval Date: October 13, 2022

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 2. New evidence submitted

#### A. DRAWINGS

- Drawing No. **60-022497-00D**, titled "PHHW Penthouse", sheets 1 through 11 of 11, dated 12/04/2017, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Jeffrey D. Smith, P.E. on 08/16/2022.
- B. TESTS
  - 1. None.

#### C. CALCULATIONS

1. None.

## D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

#### E. MATERIAL CERTIFICATIONS

1. None.

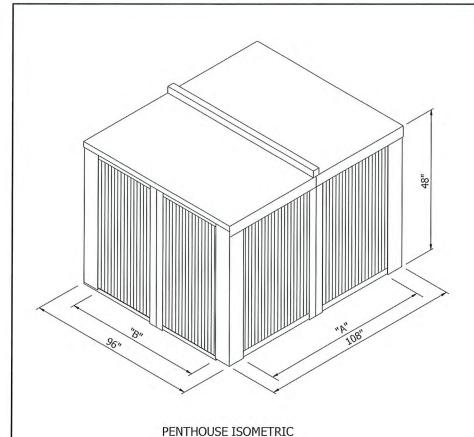
## F. STATEMENTS

- 1. Statement letter of code conformance to the 7<sup>th</sup> edition (2020) of the FBC, issued by Air System Components, Inc. dba PennBarry, dated 08/16/2022, signed and sealed by Jeffrey D. Smith, P.E.
- 2. Statement letter of no financial interest, issued by Air System Components, Inc. dba PennBarry, dated 08/16/2022, signed and sealed by Jeffrey D. Smith, P.E.
- **3.** Private label agreement dated 05/26/2022.

Carlos M. Utrera, P.E. Product Control Examiner

NOA No. 22-0912.01

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FRAME

6063-T6 extruded aluminum
with .095" nominal wall
thickness.

BLADES

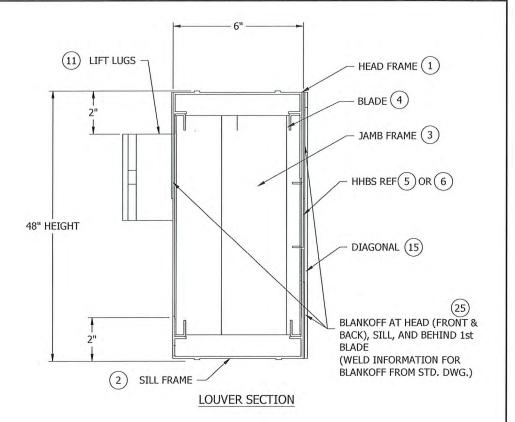
6063-T6 extruded aluminum
with .080" nominal wall
thickness.

ROOF

.080 thick formed aluminum panels

SILL

.125" thick formed aluminum
FINISH
Mill



DIAGONAL (15)

JAMB FRAME

(3)

→ VARIES

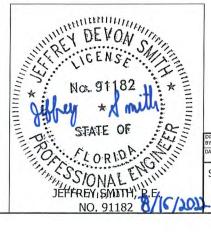
HEAD & SILL 1/8 / 3-9

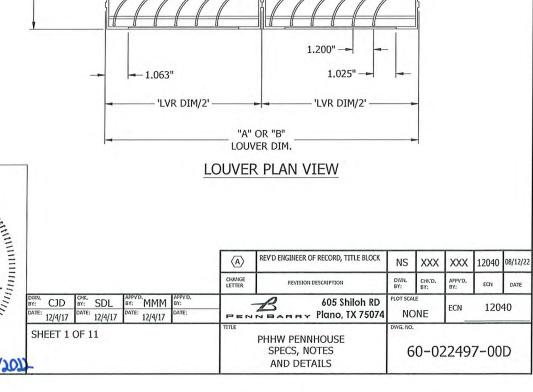
NOTE: REF SHEET 6 FOR DESCRIPTION OF LINE ITEMS

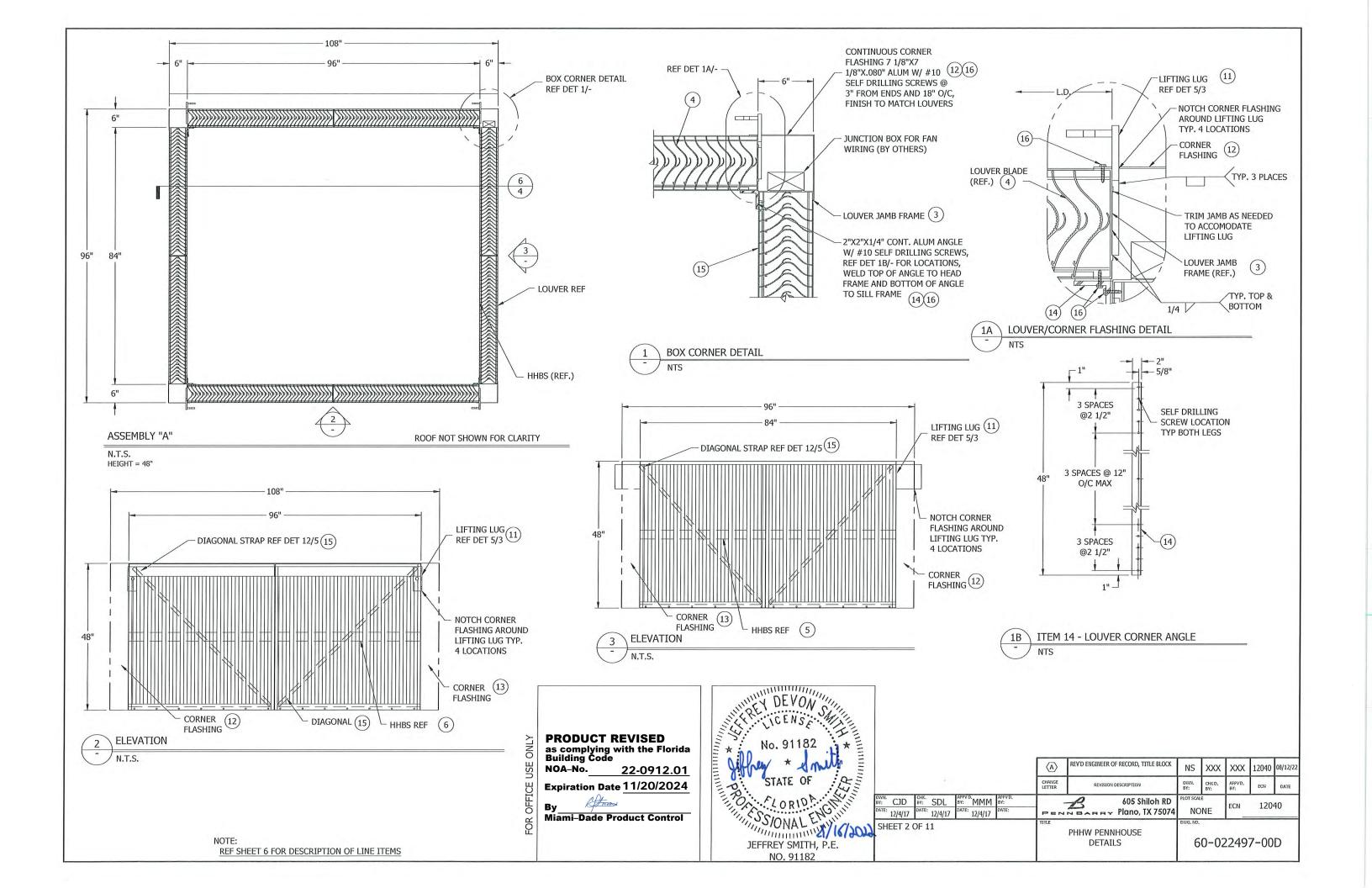
# NOTES:

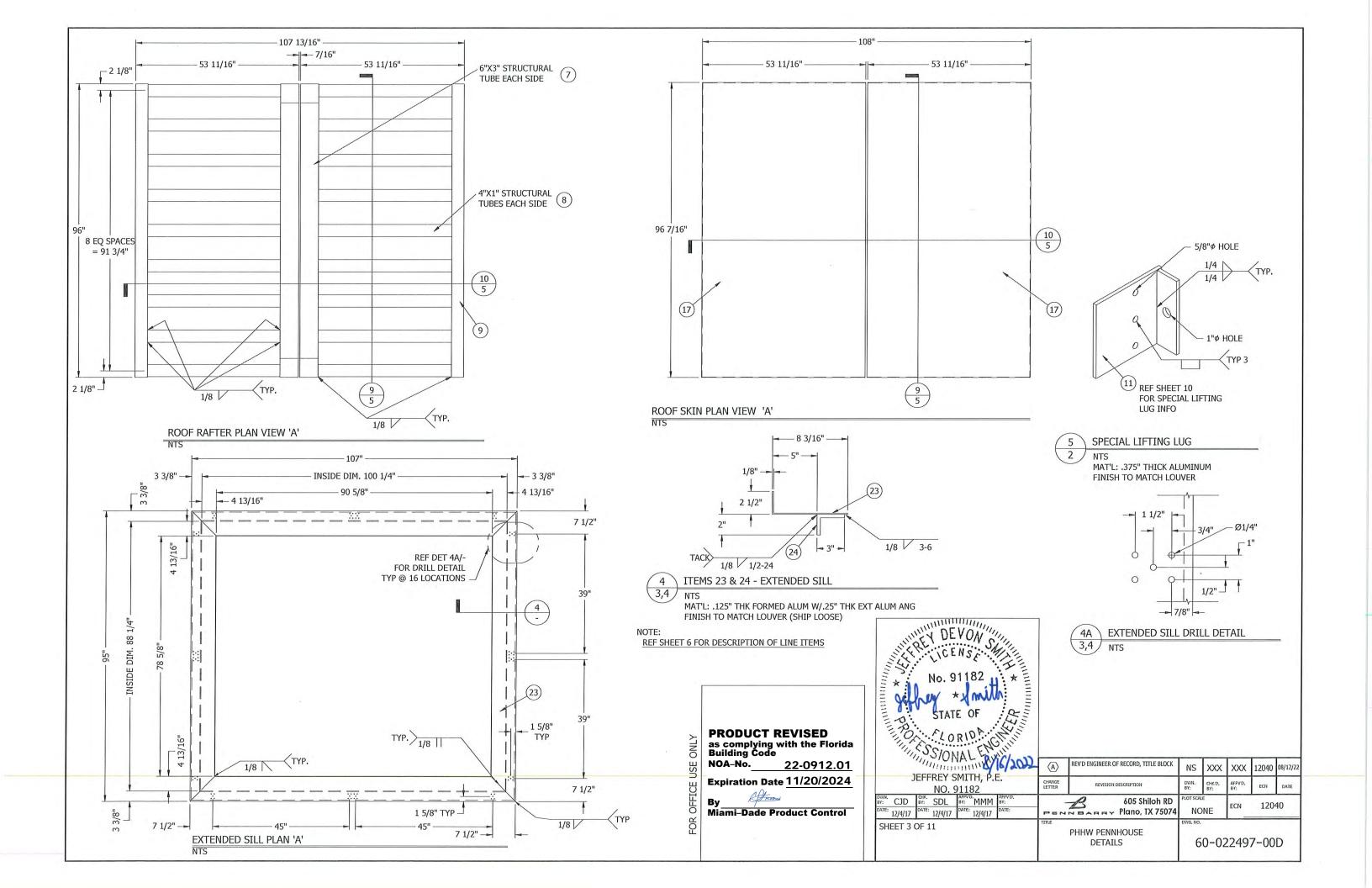
- 1) THE PHHW HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSLE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.
- 2) THIS PENTHOUSE SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 110 PSF OR LESS.
- 3) IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER/BUILDING DESIGN ENGINEER OF RECORD TO VERIFY THE STRUCTURAL INTEGRITY OF THE ROOF CURB/STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THIS PENTHOUSE SYSTEM.
- 4) 'A'+12" AND 'B'+12" ARE THE OUTSIDE DIMENSIONS OF THE PENTHOUSE SIDES. 'A' AND 'B' ARE THE INSIDE DIMENSIONS OF THE CURB,
- 5) THE MAXIMUM OUTSIDE DIMENSIONS OF THE PENTHOUSE ARE 96"X108"X48" TALL AS INDICATED ON THESE DRAWINGS. THE MINIMUM OUTSIDE DIMENSIONS OF THE PENTHOUSE ARE 24"X24"X12" TALL.
- 6) SEALING REQUIREMENTS AROUND THE PENTHOUSE SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 7) ALL FASTENERS SHALL BE CORROSION RESISTANT.

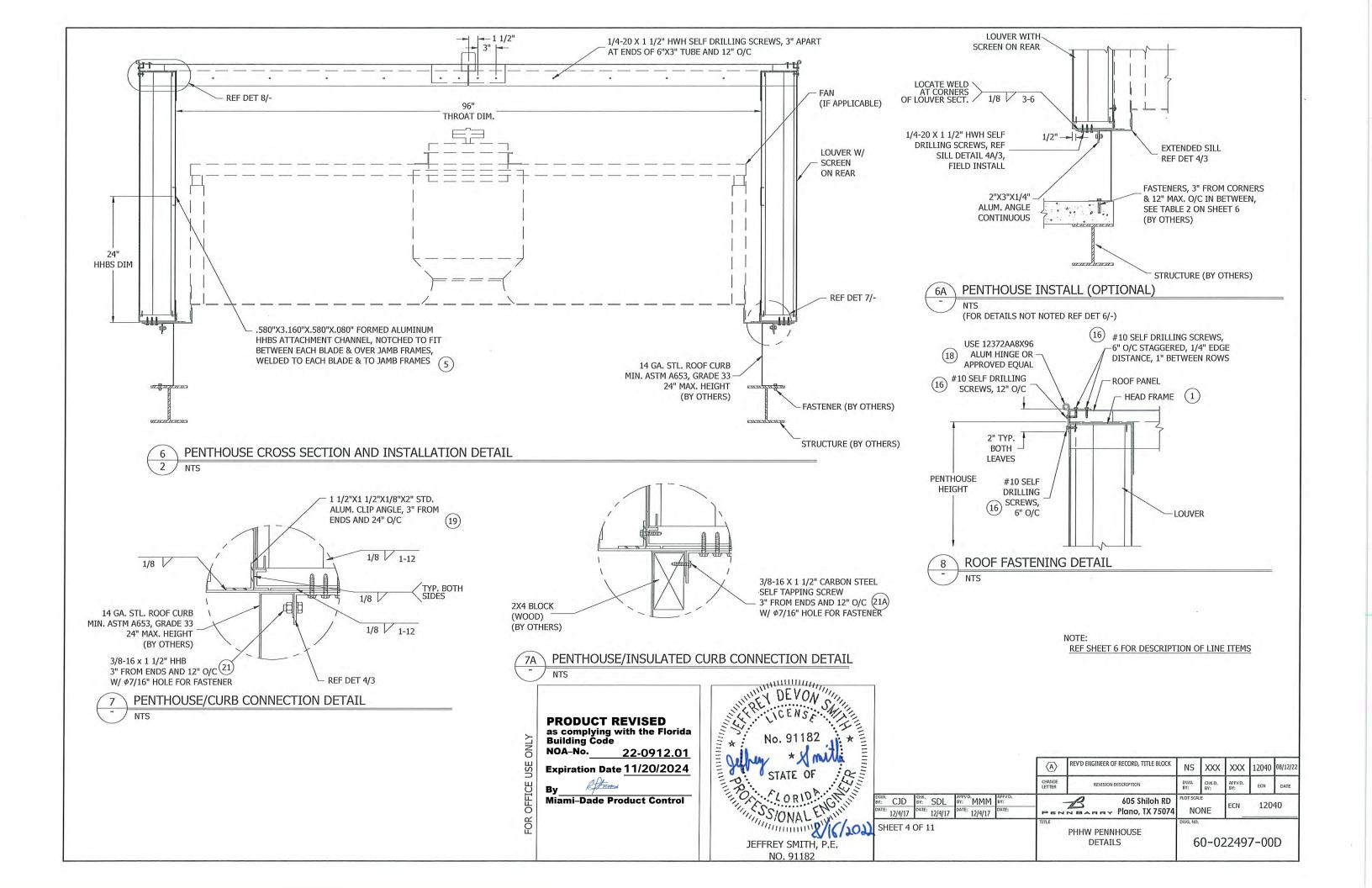


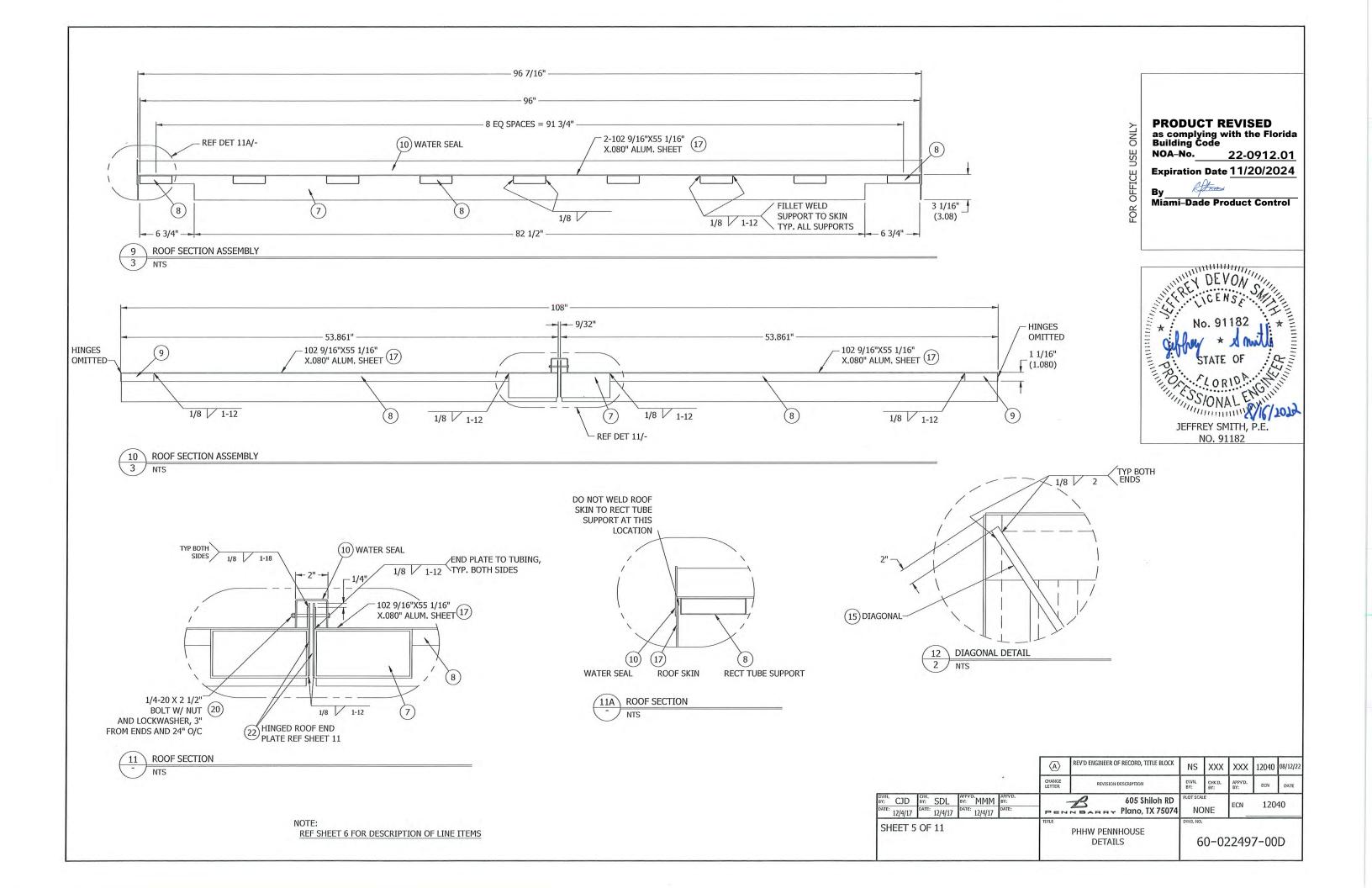










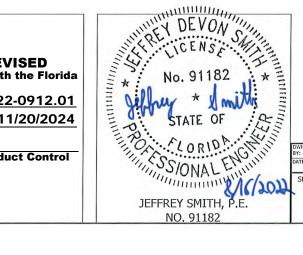


LINE ITEM	SHEET NUMBER	MATERIAL	DESCRIPTION	PENNBARRY NUMBER
1	7	6063-T6 ALUM	LOUVER HEAD FRAME	70-021995-00B
2	7	6063-T6 ALUM	LOUVER SILL FRAME	70-022627-00B
3	7	6063-T6 ALUM	LOUVER JAMB FRAME	70-022227-00B
4	7	6063-T6 ALUM	LOUVER BLADE	70-020748-00B
5	8	6063-T5 ALUM	.580"X3.160"X.580"X.080"X84" HHBS	RSM7001
6	8	6063-T5 ALUM	.580"X3.160"X.580"X.080"X96" HHBS	RSM7001
7	8	6063-T5 1/8" ALUM	6"X3" RECT. TUBE ROOF SUPPORT	-
8	8	6063-T6 1/8" ALUM	4"X1" RECT. TUBE SUPPORT (SHORT)	-
9	9	6063-T6 1/8" ALUM	4"X1" RECT. TUBE SUPPORT (LONG)	-
10	9	5005-H34 1/8" ALUM	WATER SEAL	5
11	9	3003-H14 3/8" ALUM	SPECIAL LIFTING LUG	-
12	10	5005-H34 .080" ALUM	LEFT HAND CORNER FLASHING	-
13	10	5005-H34 .080" ALUM	RIGHT HAND CORNER FLASHING	-
14	2	6063-T6 ALUM	2"X2"X1/4"X48" ANGLE	-
15	-	6063-T5 ALUM	DIAGONAL 1"X1/8" THK. BAR	-
16	-	CARBON STEEL, ZC	#10-16 X 1" SELF DRILLING SCREW	-
17	10	5005-H34 .080" ALUM	PENTHOUSE ROOF SKIN	-
18	11	5052 ALUM	12372AA8X96 HINGE-1/8" THK., 3/8" PIN, 2" KNUCKLE	-
19	10	5005-H34 ALUM	1 1/2"X1 1/2"X1/8"X2" CLIP ANGLE	85-020366-00B
20	-	CARBON STEEL, ZC	1/4-20 X 2 1/2" HHB W/ LOCKWASHER & HEX NUT	-
21		CARBON STEEL, ZC	3/8-16 X 1 1/2" HHB W/ WASHER, LOCKWASHER & HEX NUT	-
21A	-	CARBON STEEL, ZC	3/8-16 X 1 1/2" CARBON STEEL SELF TAPPING SCREW	
22	11	5005-H34 ALUM	4 7/16"X95 7/8"X.080" HINGED DOOR END PLATE	-
23	3	5005-H34 ALUM	EXTENDED SILL .125" THK. FORMED	-
24	3	6063-T6 ALUM	EXTENDED SILL 2"X3"X1/4" ANGLE	-
25	-	-	BLANKOFF X" X Y" ALUM. SHEET	-

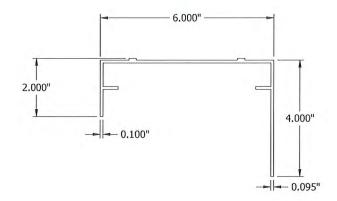
CURB SUBSTRATE FASTENER TABLE 2 (BY OTHERS)									
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE					
WOOD	0.42 SPECIFIC GRAVITY	3/8" DIA. LAG SCREW	3"	1 1/2"					
STEEL	12 GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	1/4" DIA. SELF TAPPING SCREW	3 THREADS BEYOND SUB.	3/8"					
CONCRETE	2500 PSI COMP. STRENGTH	3/8" DIA. HILTI KWIK BOLT 3, CARBON STEEL	2 1/2"	2 1/2"					

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0912.01
Expiration Date 11/20/2024

By Miami-Dade Product Control

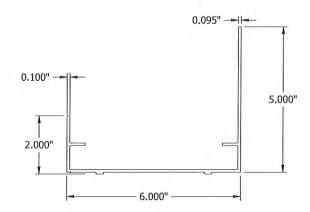


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				CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPVD. BY:	ECN	DATE
Y: CJD ATE: 12/4/17	CHK. BY: SDL DATE: 12/4/17	APPVD. BY: MMM DATE: 12/4/17	APPV'D. BY: DATE:	PEZ	605 Shiloh RD Plano, TX 75074	PLOT SCALE NONE		ECN 12040		40
SHEET 6 OF 11				TITLE	PHHW PENNHOUSE DETAILS 60-022497-					D



# ITEM 1 - LOUVER HEAD FRAME

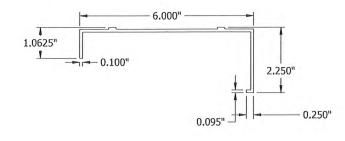
NTS



# ITEM 2 - LOUVER SILL FRAME

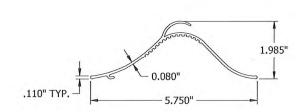
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PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0912.01
Expiration Date 11/20/2024
By Hammani-Dade Product Control



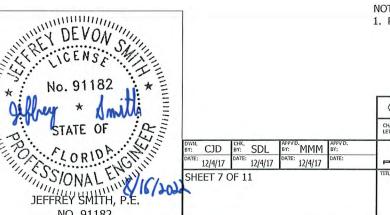
## ITEM 3 - LOUVER JAMB FRAME

NTS



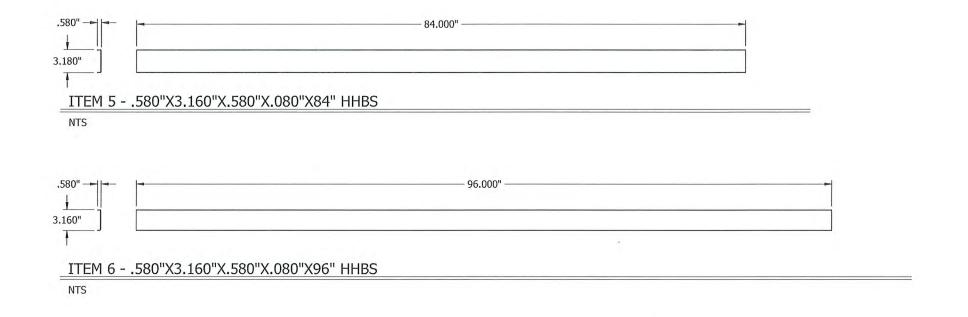
# ITEM 4 - LOUVER BLADE

NTS

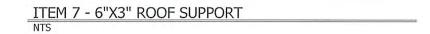


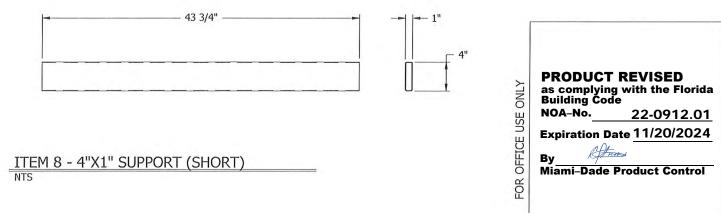
NOTES: 1. REF. SHEET 6 FOR MATERIAL.

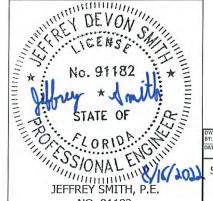
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				CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPVD. BY:	ECN	DATE	
CJD TE: 12/4/17	CHK. BY: SDL DATE: 12/4/17	BY: MMM DATE: 12/4/17	APPVD. BY: DATE:	PEZ	605 Shiloh RD Plano, TX 75074	PLOT SCA	ONE	ECN _	120	40	
HEET 7 OF 11				PHHW PENNHOUSE DETAILS			60-022497-00D				





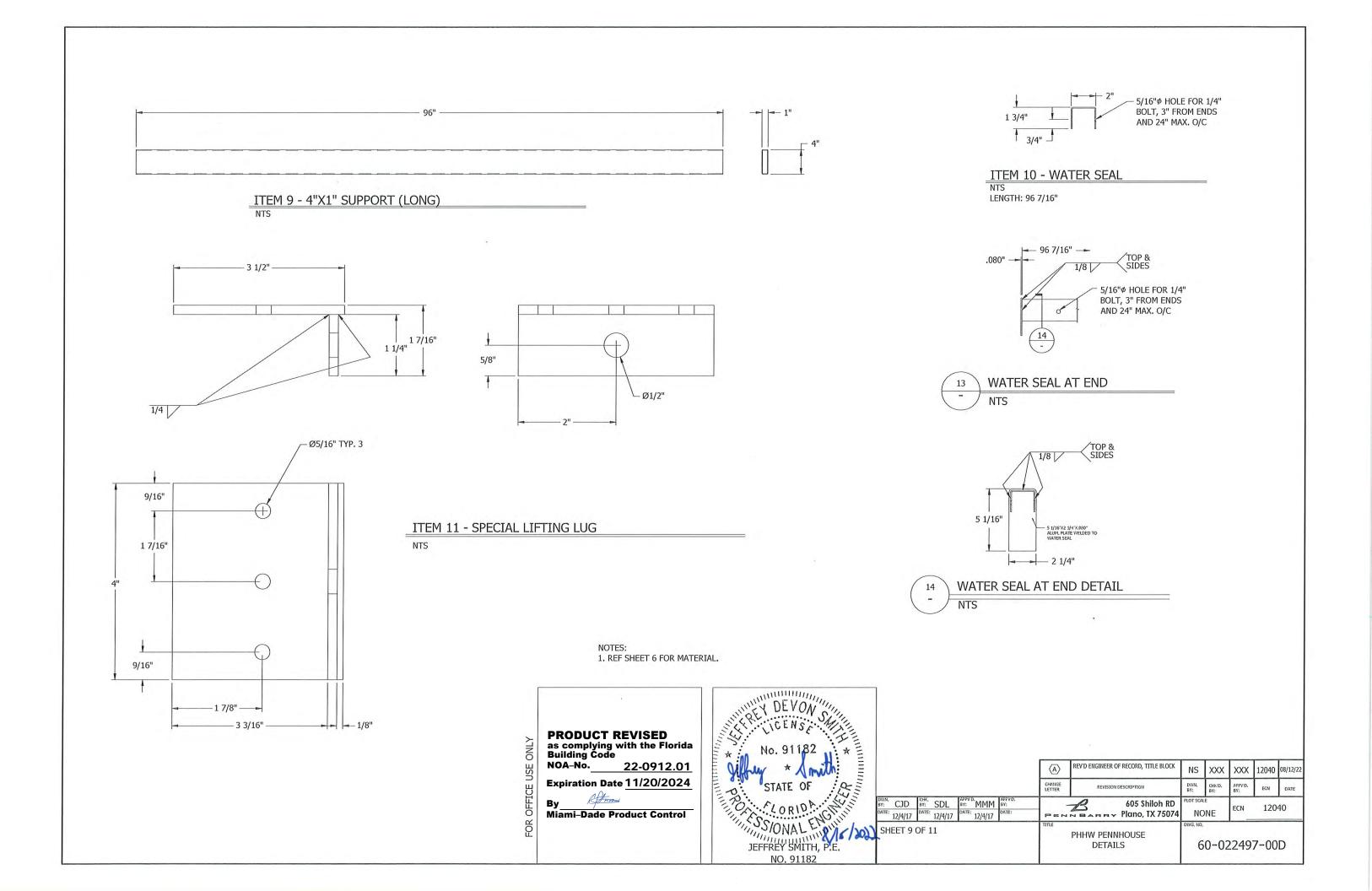


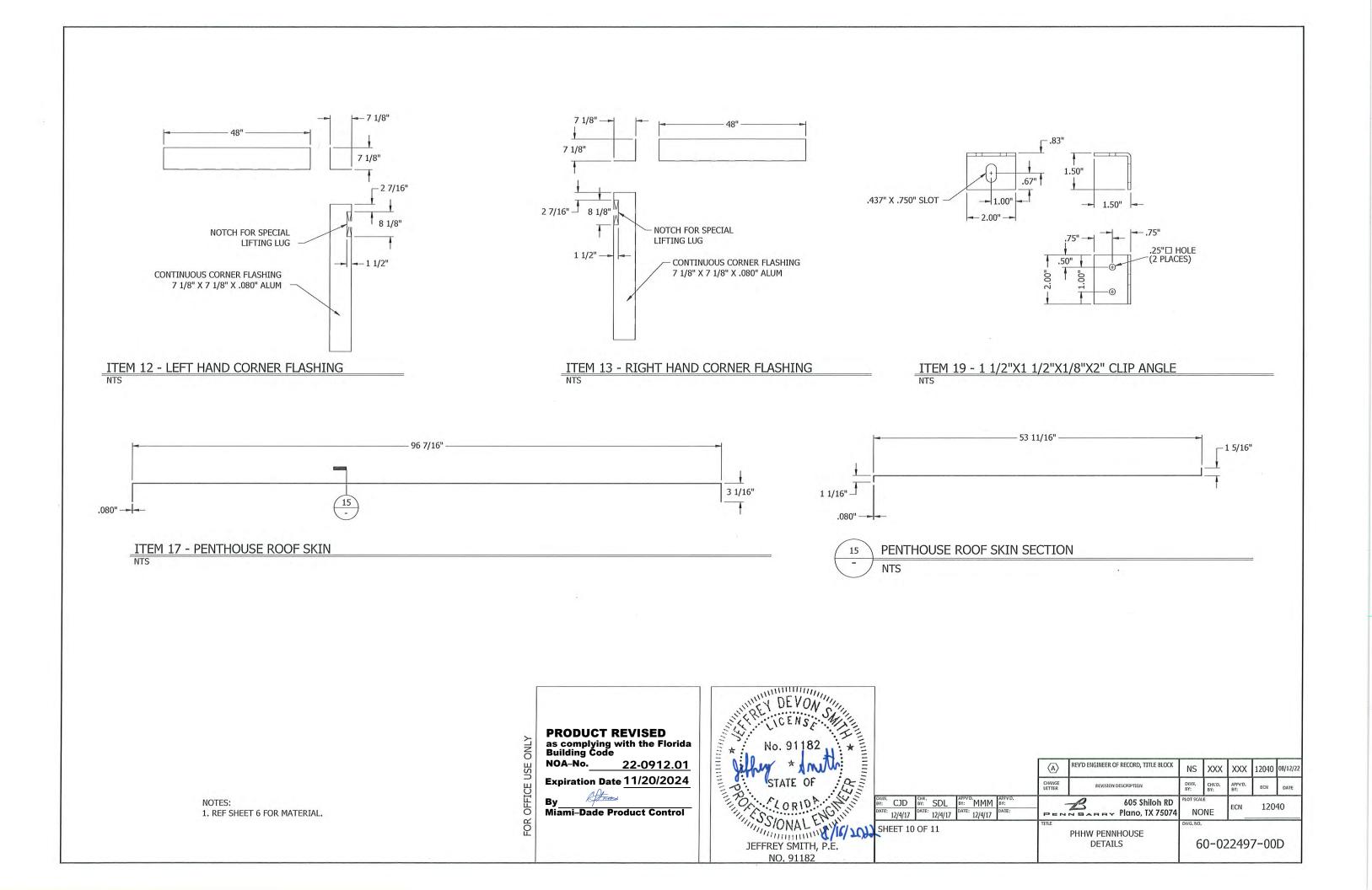


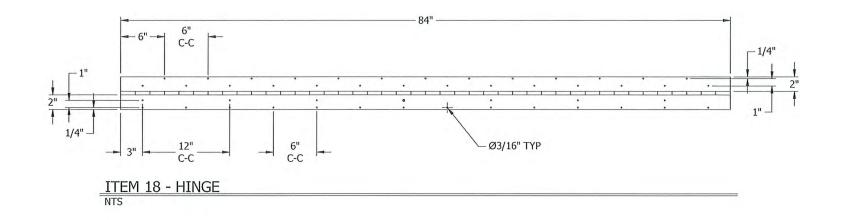


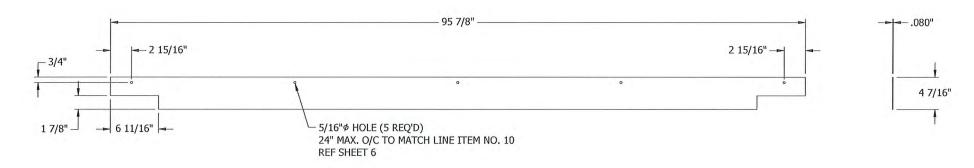
NOTES: 1. REF. SHEET 6 FOR MATERIAL.

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DATE:   12/4/17   CHK.   SDL   AFFVD.   MMM   AFFVD.   BY:   DATE:   12/4/17   DATE:   12/4/17   DATE:   DAT	605 Shiloh RD PENN BARRY Plano, TX 75074			PLOT SCALE NONE		120	140
SHEET 8 OF 11	TITLE	PHHW PENNHOUSE DETAILS	<sub>рws, no.</sub> 60-022497-00			D	





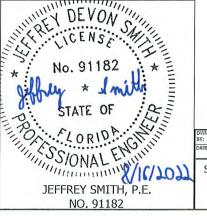




ITEM 22 - 4 7/16"X95 7/8"X.080" HINGED DOOR END PLATE

NTS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0912.01
Expiration Date 11/20/2024
By Himm
Miami-Dade Product Control



				(A)	REV'D ENGINEER OF RECORD, TITLE BLOCK	NS	XXX	xxx	12040	08/12/22	
				CHANGE LETTER	REVISION DESCRIPTION	DWN, BY:	CHK'D. BY:	APPV'D. BY:	ECN	DATE	
DWN. BY: CJD DATE: 12/4/17	CHK. BY: SDL DATE: 12/4/17	APPV D. BY: MMM DATE: 12/4/17	APPVD. BY: DATE:	605 Shiloh RD PENNBARAY Plano, TX 75074			PLOT SCALE NONE		ECN 12040		
SHEET 11 OF 11			TITLE	PHHW PENNHOUSE DETAILS	DWG, No. 60-022497-0			7-00	D		

NOTES: 1, REF SHEET 6 FOR MATERIAL.