



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

United Enertech Holdings, LLC
3005 South Hickory Street
Chattanooga, TN 37407

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: Models PTG-42MD (PTAC) & VTG-30MD (VTAC) Aluminum Louver Systems

APPROVAL DOCUMENT: Drawing No. **23-222**, titled "Models PTG-42MD (PTAC) & VTG-30MD (VTAC) Aluminum Louver Systems (L.M.I.)", sheets 1 through 12 of 12 (including sheets 3A, 7A & 10A), dated 10/19/2023, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E., bearing the Miami-Dade County Product Control approval 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: A permanent label with the manufacturer's name or logo, Chattanooga, TN or Hartford, AL, model/series, and following statement: "Miami-Dade County Product Control Approved", is to be located on each unit.

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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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




12/18/23

NOA No. 23-1017.02
Expiration Date: December 28, 2028
Approval Date: December 28, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **23-222**, titled “Models PTG-42MD (PTAC) & VTG-30MD (VTAC) Aluminum Louver Systems (L.M.I.)”, sheets 1 through 12 of 12 (including sheets 3A, 7A & 10A), dated 10/19/2023, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS

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 Models PTG-42MD (PTAC) & VTG-30MD (VTAC) Aluminum Louver Systems, prepared by American Test Lab of South Florida, Test Report No. **0202.01-23**, dated 10/20/2023, signed and sealed by Stephen Warter, P.E.

C. CALCULATIONS

1. Anchoring calculations, prepared by Tilteco, Inc, dated 10/20/2023, signed and sealed by Walter A. Tillit Jr., P.E.

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 7th edition (2020) and 8th edition (2023) of the FBC, issued by Tilteco, Inc., dated 10/19/2023, signed and sealed by Walter A. Tillit Jr., P.E.
2. Statement letter of no financial interest letter, issued by Tilteco, Inc., dated 10/19/2023, signed and sealed by Walter A. Tillit Jr., P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1017.02

Expiration Date: December 28, 2028
Approval Date: December 28, 2023

GENERAL NOTES:

1. MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM LOUVER SYSTEMS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE **2020 (7th EDITION) & 2023 (8th EDITION)** OF THE FLORIDA BUILDING CODE. THESE PRODUCTS MAY BE INSTALLED WITHIN HIGH VELOCITY HURRICANE ZONES (HVHZ).

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION **1620** OF THE ABOVE MENTIONED CODE, USING **ASCE 7-16 (FBC 2020) & ASCE 7-22 (FBC 2023)** STANDARD, AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATING INDICATED ON THIS SHEET.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER **ASCE 7-16 (FBC 2020) AND ASCE 7-22 (FBC 2023)** SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED BELOW.
- MAXIMUM A.S.D. DESIGN PRESSURE RATING
+150.0, -150.0 psf.
LARGE MISSILE IMPACT RESISTANCE
- PRODUCT'S VERIFICATION FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA **REPORT #0202.01-23 ,PER TAS-201, TAS-202 & TAS-203 PROTOCOLS**, AS WELL AS PER ANSI/AMCA IMPACT STANDARD 540, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1616 OF THE ABOVE MENTIONED BUILDING CODE.
2. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY (UNLESS OTHERWISE NOTED).
3. ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES WITH 50 Ksi YIELD STRENGTH AND 90 Ksi TENSILE STRENGTH OR CORROSION RESISTANT CARBON STEEL AS PER DIN 50018 AND SHALL COMPLY WITH FLORIDA BUILDING CODE SECTION 2411.3.3.4.
4. ALL WELDING OF ALUMINUM FRAMING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY A.W.S. D.1.2 REGULATIONS. USE CERTIFIED WELDERS. USE ER-5356 ELECTRODES.
5. ANCHOR REQUIREMENTS FOR FRAMING EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.

(A) TO EXISTING MIN. 0.090" THICK ALUMINUM (6063-T5 ALLOY) W/MIN. EDGE DISTANCE (E.D.) = 1/2".
- 1/4"Ø x 1", AS MANUFACTURED BY ITW BUILDEX.

(B) ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.
6. PRODUCTS ARE NOT APPROVED FOR WATER INFILTRATION, HOWEVER PTAC & VTAC UNITS INSTALLED BEHIND THEM SHALL BE APPROVED FOR WATER INFILTRATION RESISTANCE.
7. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE ALUMINUM DESIGN MANUAL 2015 & 2020 EDITION.
8. SUBSTRATE MATERIAL NOTED ON THIS DRAWING AS EXISTING BY OTHERS, MUST WITHSTAND THE LOADS IMPOSED BY THIS PRODUCT. MIN. ALLOY REQUIRED IS 6063-T5.
9. THIS PRODUCT'S INSTALLATION SHALL COMPLY WITH ALL SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

10. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

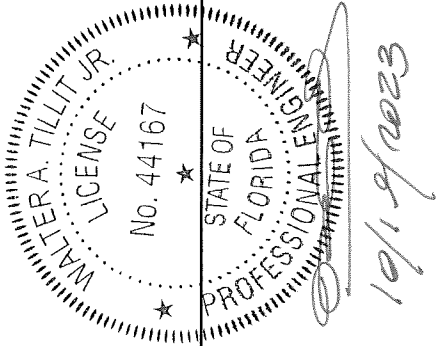
(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
11. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1703.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA



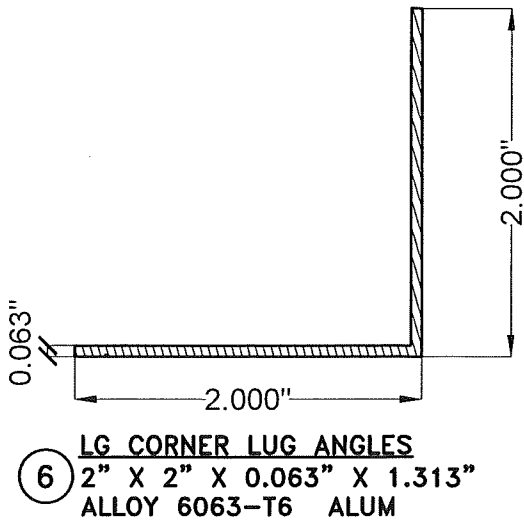
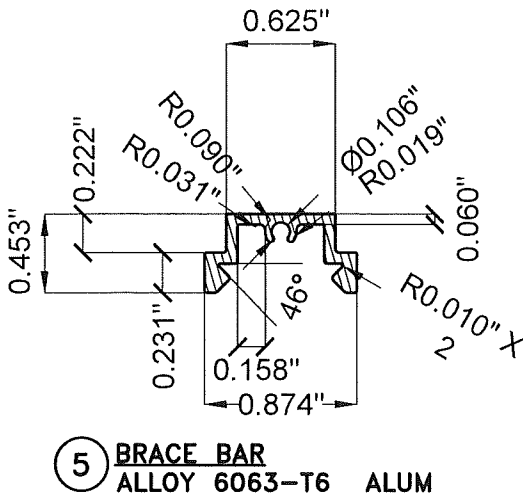
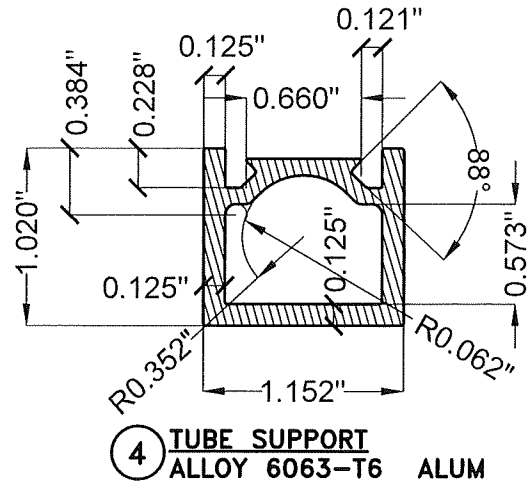
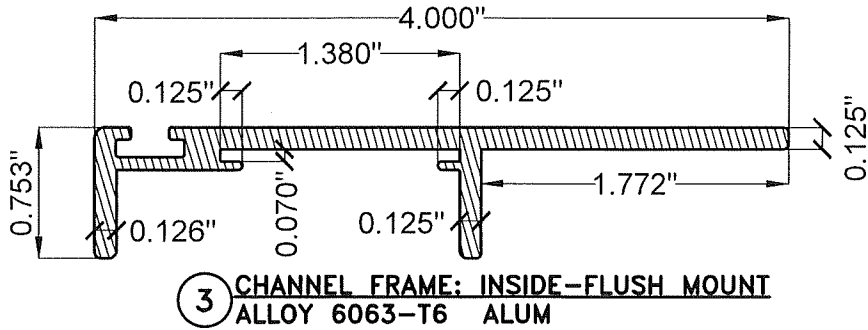
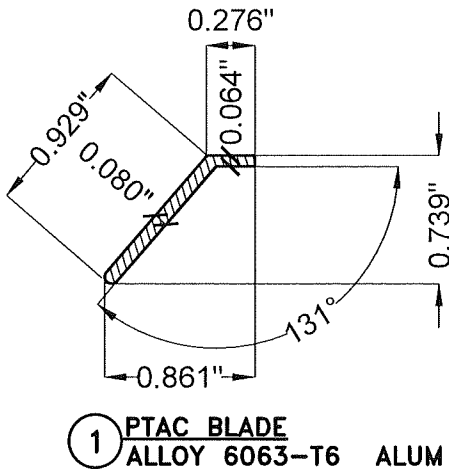
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-1017.02
Approval Date 12/28/2023
By *[Signature]*
Miami-Dade Product Control

MIAMI-DADE COUNTY

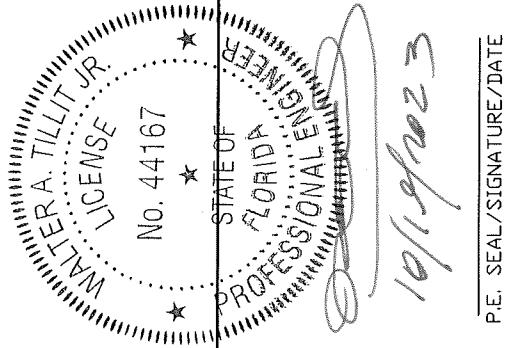
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)		W.H. DRAWN BY:	10/19/2023 DATE:	23-222 DRAWING NO.	SHEET 1 OF 12
MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)		UNITED ENERTECH HOLDINGS, LLC			
159 GENCO DRIVE HARTFORD, AL 36344		PHONE: (423)698-7715 FAX: (423)698-6629			
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1			3		
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©2023 TILTECO, INC.		TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 • Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			

BILL OF MATERIALS MODEL PTG-42MD (PTAC) BLADE SYSTEM: INSIDE-FLUSH MOUNT

COMPONENT #	DESCRIPTION	MATERIAL	NOTES	LOUVER SYSTEM
①	PTAC - BLADE	6063-T6 ALUMINUM ALLOY/TEMPER	WELDED TO 5. NOTCHED AT EA 1 LOCATION. (SEE SECTION Y-Y ON SHEET 4)	PTAC
③	CHANNEL FRAME INSIDE-FLUSH MOUNT	6063-T6 ALUMINUM ALLOY/TEMPER	ALL AROUND, FASTENED W/⑦	PTAC
④	TUBE SUPPORT	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY & WELDED TO ③	PTAC
⑤	BRACE BAR	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY	PTAC
⑥	LG CORNER LUG ANGLES	6063-T6 ALUMINUM ALLOY/TEMPER	USE (4) EACH UNIT	PTAC
⑦	1/4-14 X 1" TEK SCREWS	401 S.S.	MANUFACTURED BY ITW/BUILDEX	PTAC
⑧	1/8" POP RIVET	S.S.	USE (2)⑥ (VERT. LEG) TO ③	PTAC



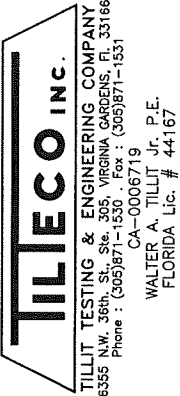
COMPONENTS:
MODEL PTG-42MD (PTAC)
BLADE SYSTEM
SCALE: N.T.S



PRODUCT APPROVED
as complying with the Florida
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Approval Date 12/28/2023
By *[Signature]*
Miami-Dade Product Control

MIAMI-DADE COUNTY

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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

159 GENCO DRIVE
HARTFORD, AL 36344

PHONE: (423)698-7715 FAX: (423)698-6629

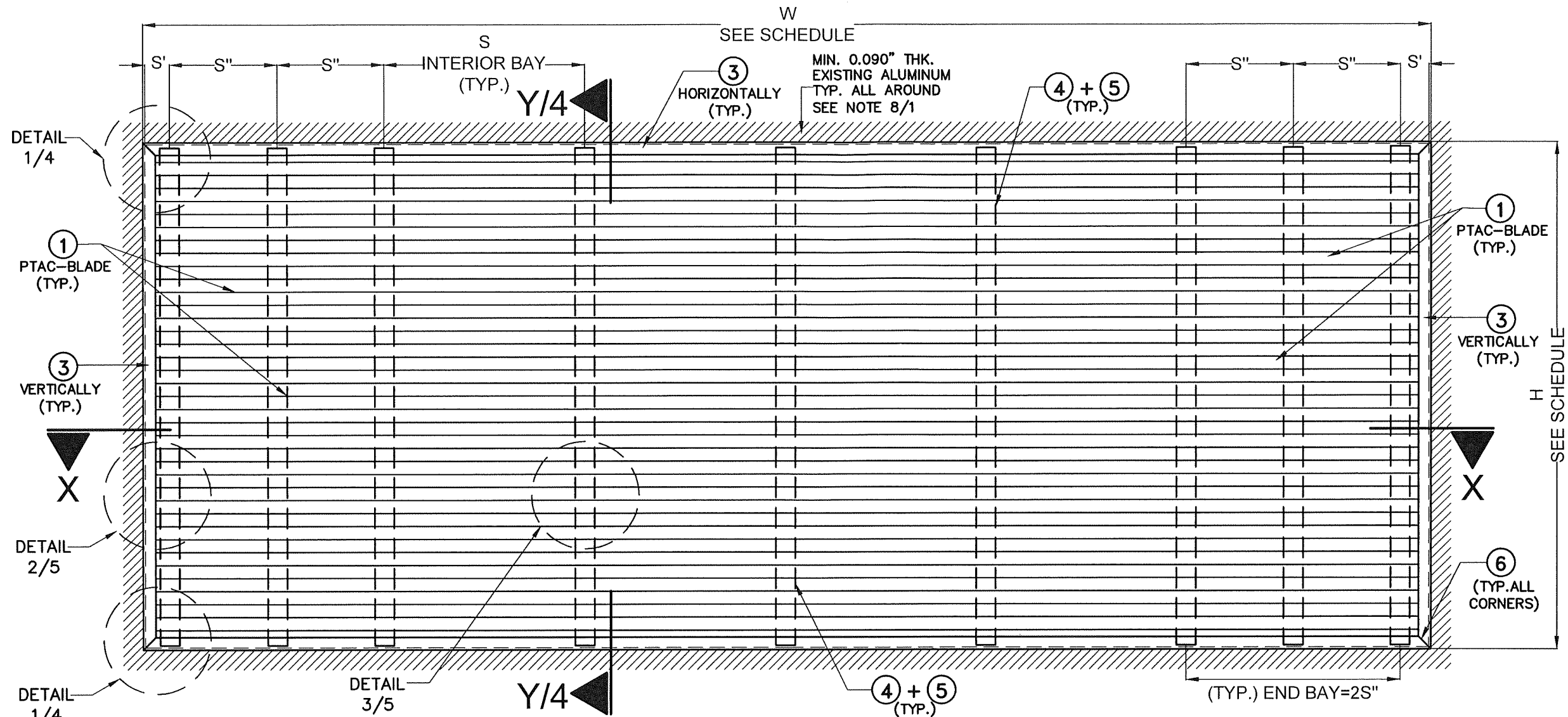
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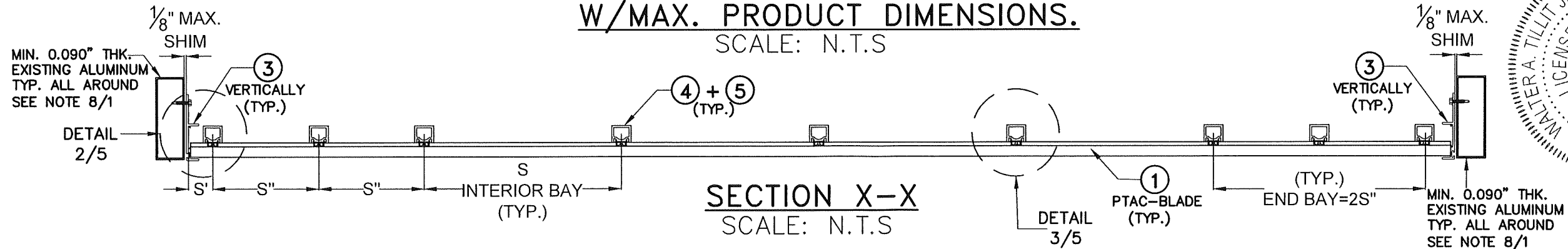
10/19/2023
DATE:

23-222
DRAWING NO.

SHEET 2 OF 12



TYPICAL ELEVATION FOR MODEL PTG-42MD (PTAC) BLADE SYSTEM: INSIDE-FLUSH MOUNT
W/MAX. PRODUCT DIMENSIONS.
 SCALE: N.T.S



SECTION X-X
 SCALE: N.T.S

MODEL PTG-42MD (PTAC) MAX. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MAX.	80"	30 1/4"	13"	1 11/16"	6 3/4"

LEGEND:

S= TYPICAL MAX ④ + ⑤ INTERIOR SPACING FAR FROM ENDS BAYS

S'= TYPICAL MAX ④ + ⑤ FIRST/LAST DISTANCE TO JAMBS ③

S''= TYPICAL MAX ④ + ⑤ SPACING AT END BAYS.

WALTER A. TILLIT JR.
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 10/19/2023

PRODUCT APPROVED
 as complying with the Florida
 Building Code
 NOA-No. 23-1017.02
 Approval Date 12/28/2023
 By
 Miami-Dade Product Control

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:
 10/19/2023 DATE:
23-222 DRAWING NO.
 SHEET **3** OF 12

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

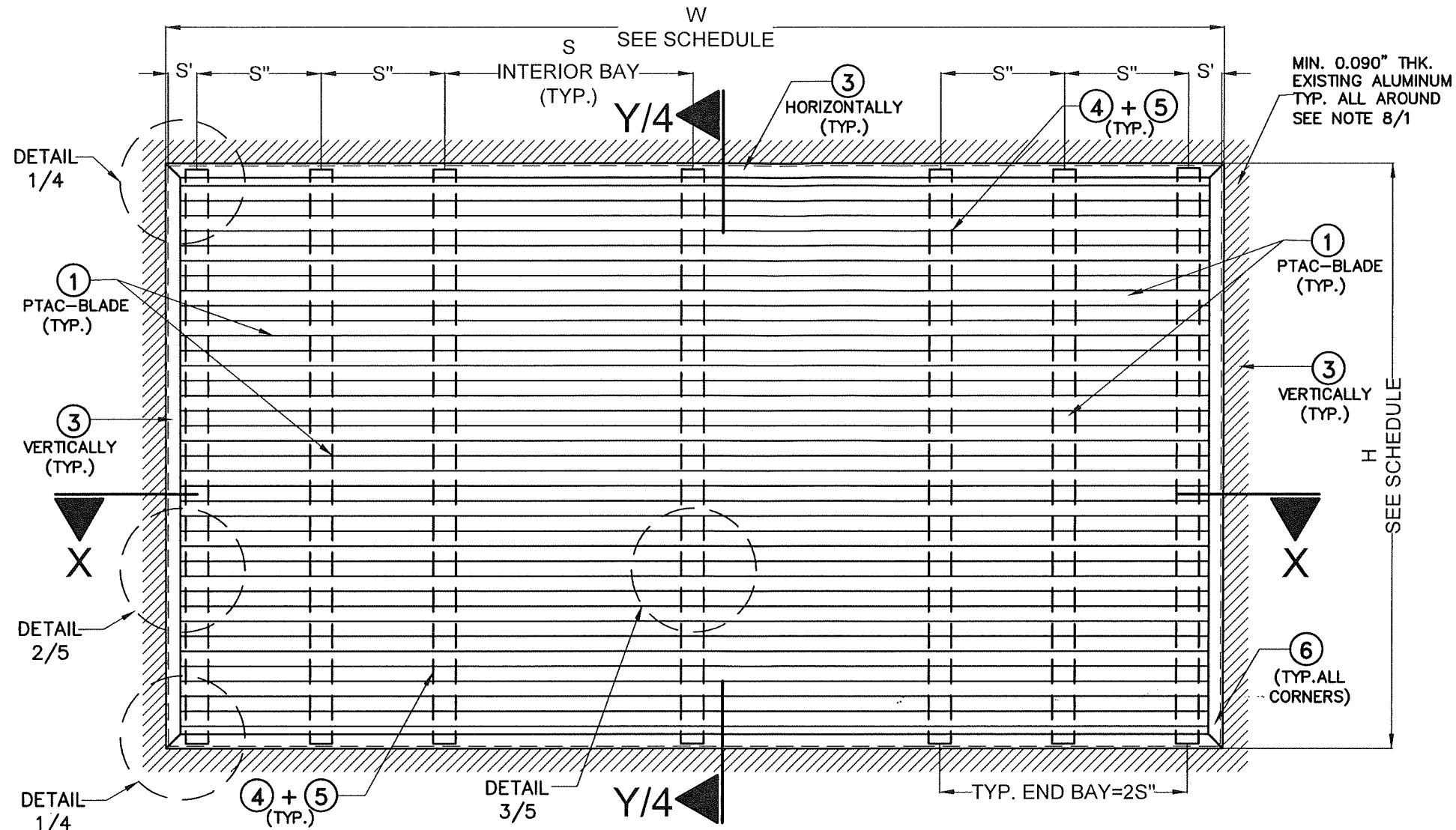
159 GEMCO DRIVE
 HARTFORD, AL 36344
 PHONE: (423)698-7715 FAX: (423)698-6629

TILECO INC.

TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone: (305)871-1530 Fax: (305)871-1531
 CA-0006719
 WALTER A. TILLIT JR., P.E.
 FLORIDA Lic. # 44167

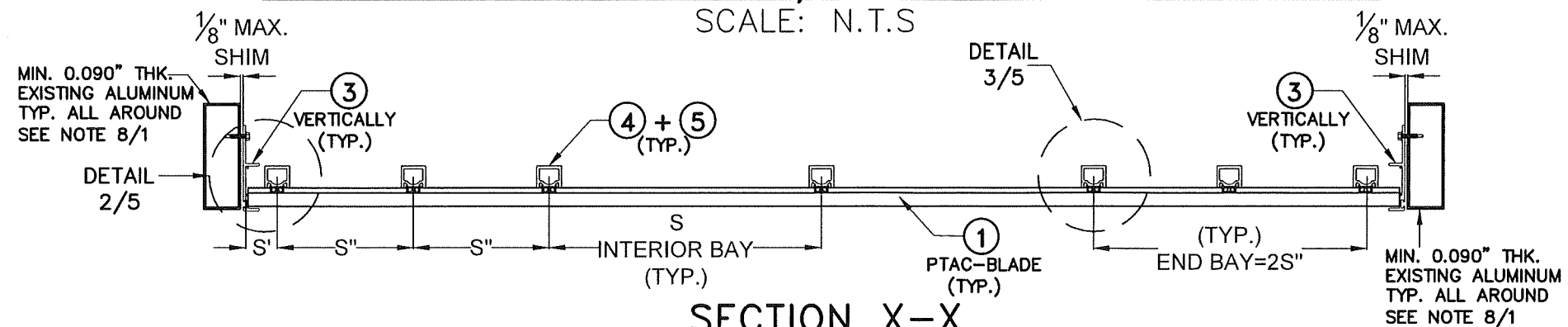
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MIAMI-DADE COUNTY



TYPICAL ELEVATION FOR MODEL PTG-42MD (PTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT W/MIN. PRODUCT DIMENSIONS

SCALE: N.T.S



SECTION X-X
 SCALE: N.T.S

MODEL PTG-42MD (PTAC) MIN. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MIN.	42 1/4"	16 1/4"	10 1/8"	1"	4 1/8"

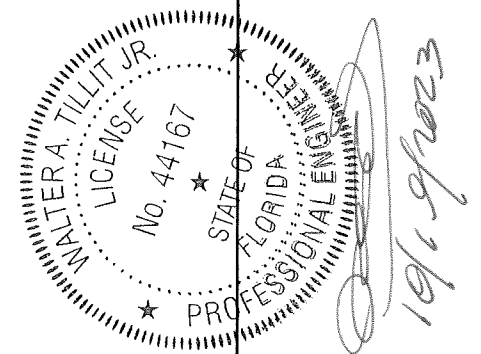
LEGEND:

- S= TYPICAL MIN. (4) + (5) INTERIOR SPACING FAR FROM ENDS BAYS
 S'= TYPICAL MIN. (4) + (5) FIRST/LAST DISTANCE TO JAMBS (3)
 S''= TYPICAL MIN. (4) + (5) SPACING AT END BAYS.

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:		10/19/2023	DATE:	23-222	DRAWING No.
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
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 Phone: (305)871-1530 • Fax: (305)871-1531
 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167



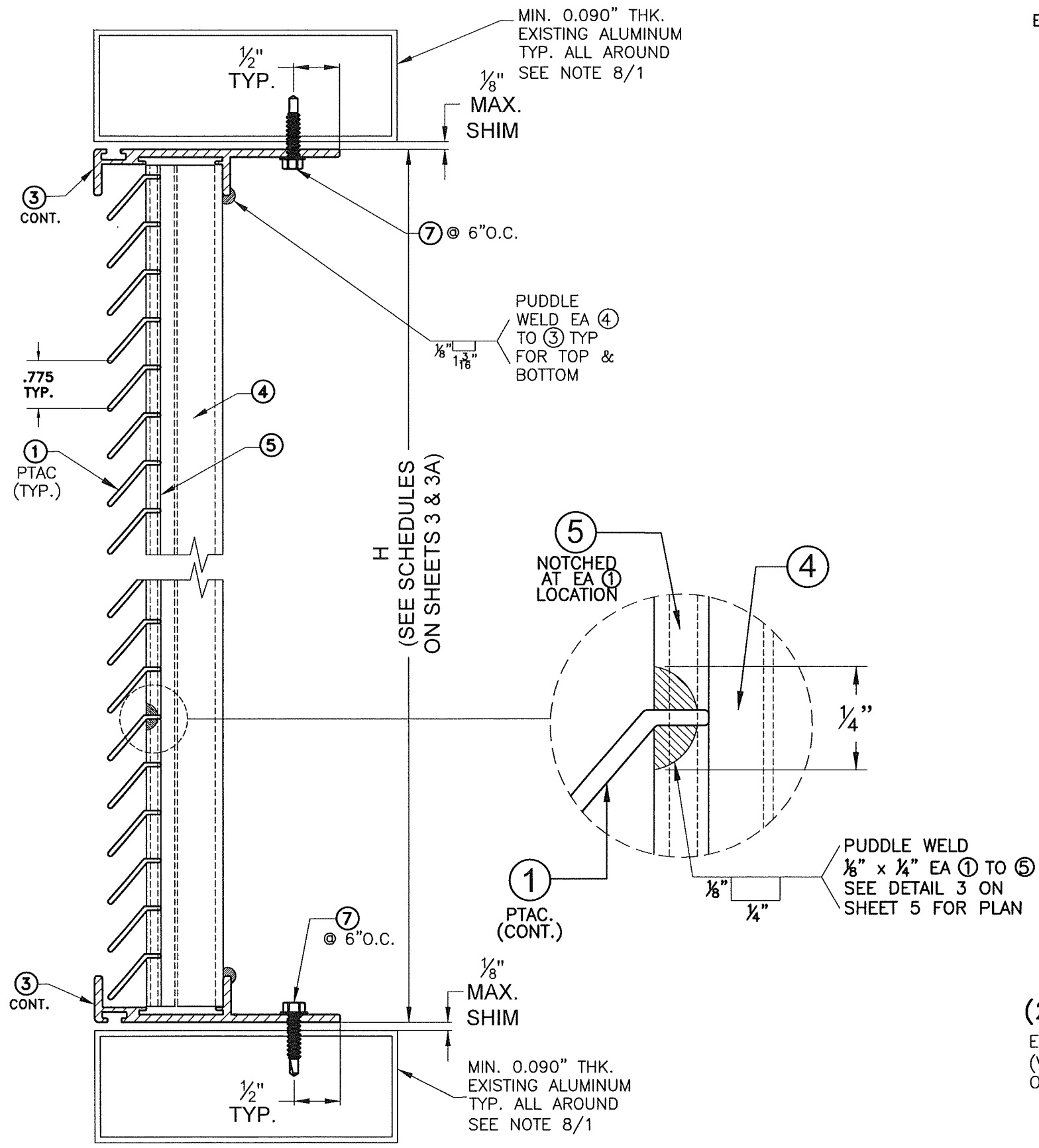
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Approval Date 12/28/2023

By *[Signature]*
 Miami-Dade Product Control

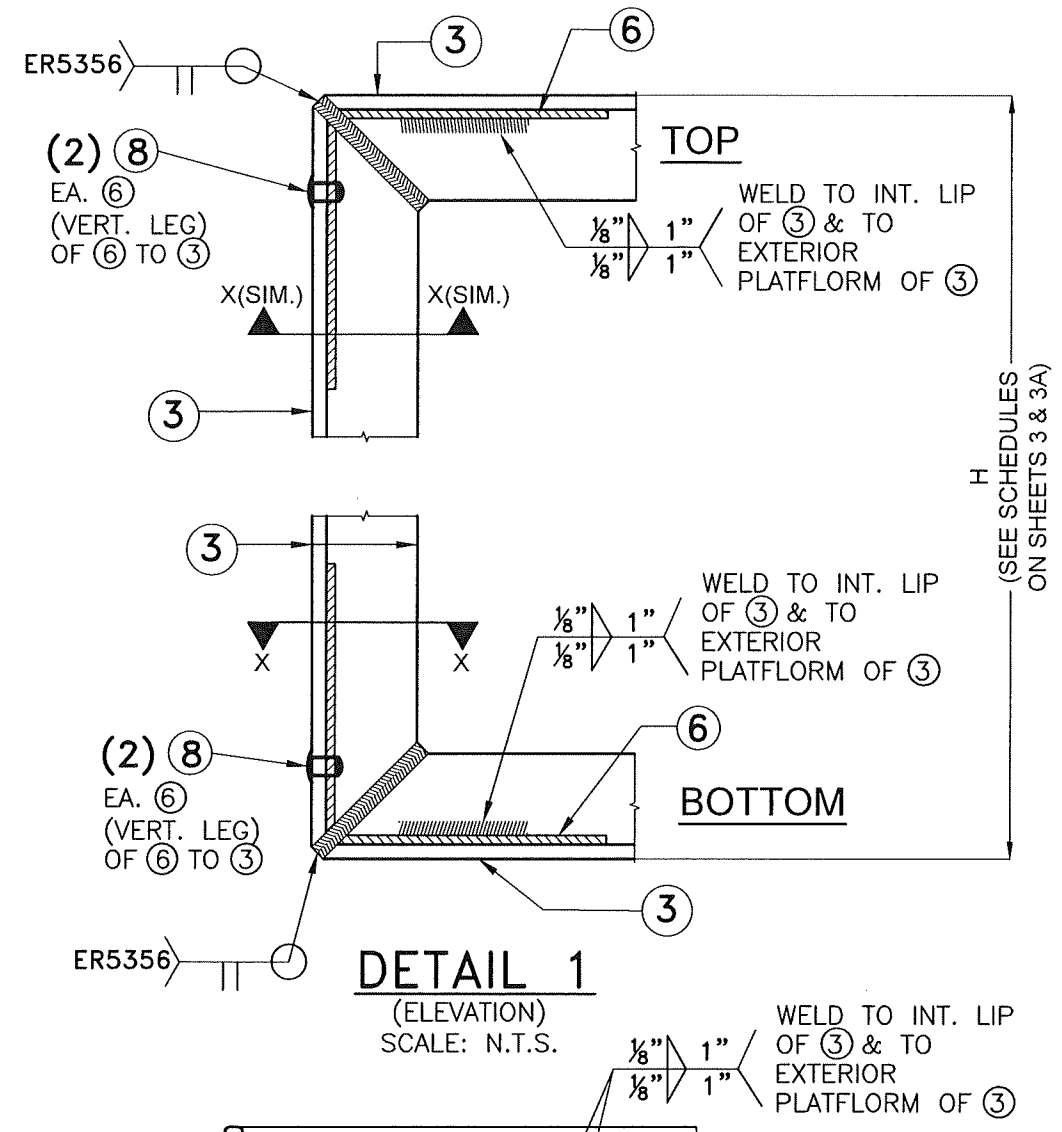
MIAMI-DADE COUNTY

P.E. SEAL/SIGNATURE/DATE

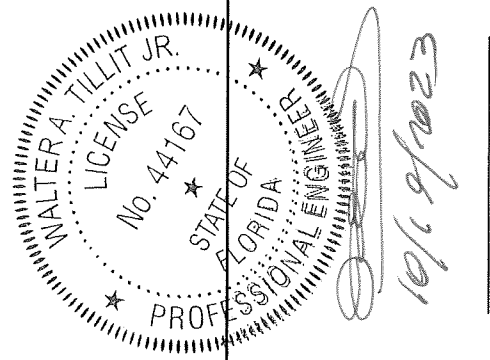


SECTION Y-Y
SCALE: N.T.S.

**MODEL PTG-42MD (PTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT**

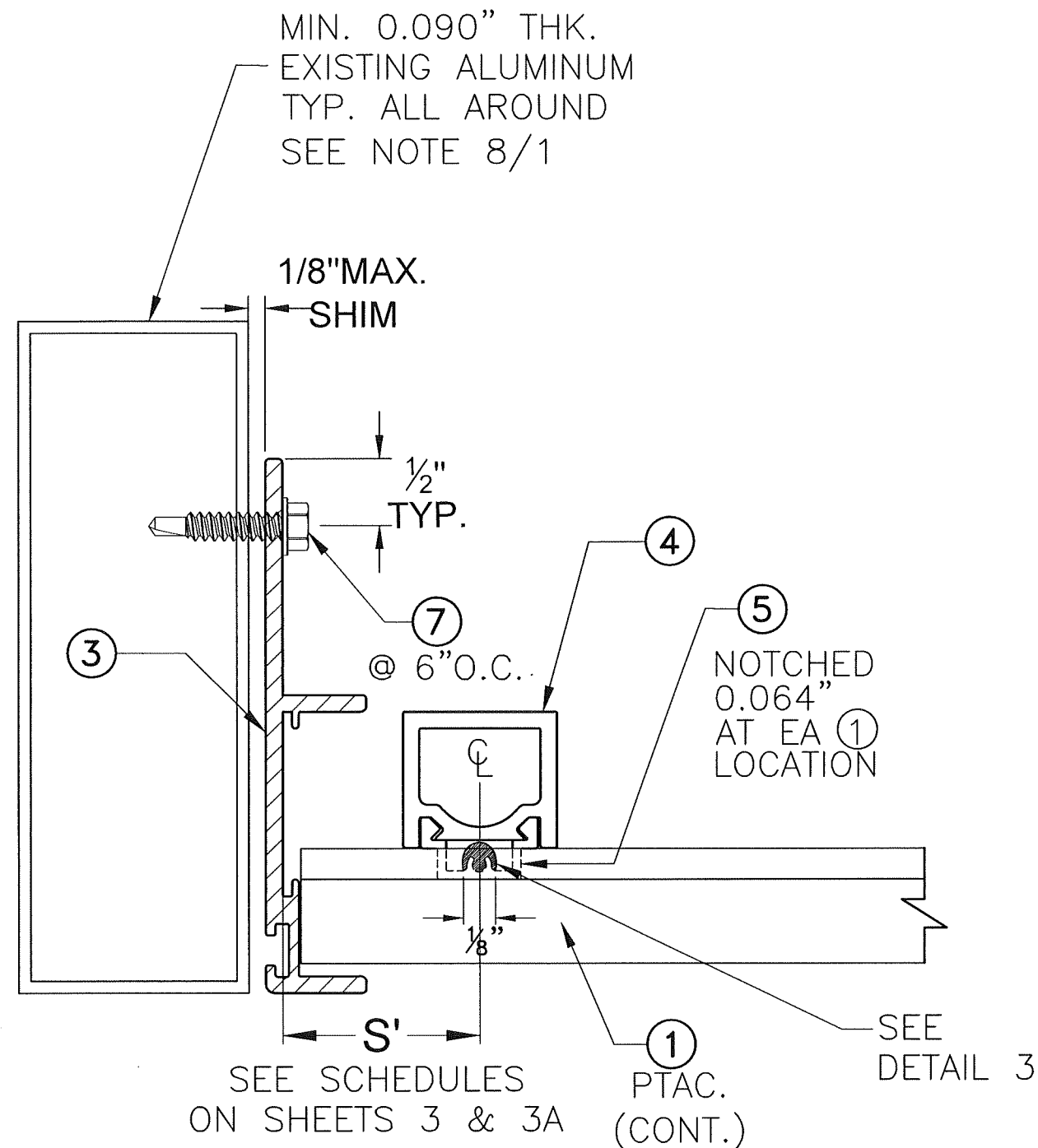


SECTION X-X
SCALE: N.T.S.

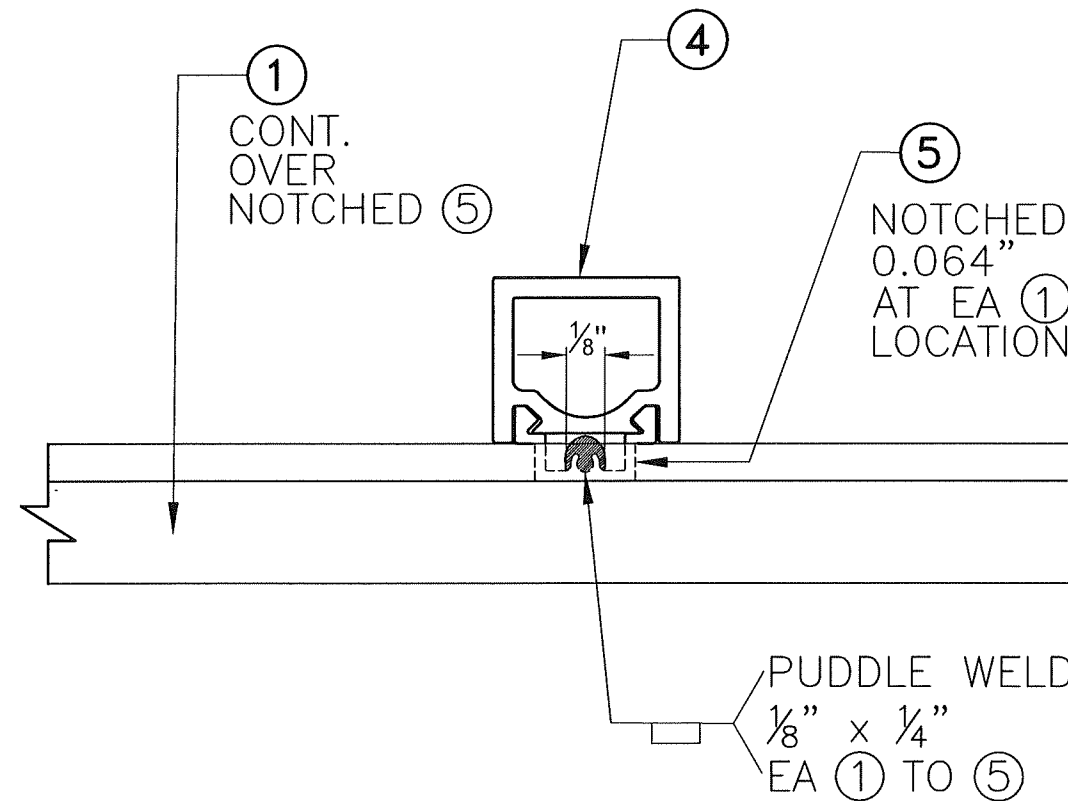


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MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)		W.H. DRAWN BY:	10/19/2023
UNITED ENERTECH HOLDINGS, LLC		DATE:	23-222
159 GEMCO DRIVE HARTFORD, AL 36344 PHONE: (423)698-7715 FAX: (423)698-6629		REV. NO.	DESCRIPTION
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167		REV. NO.	DESCRIPTION
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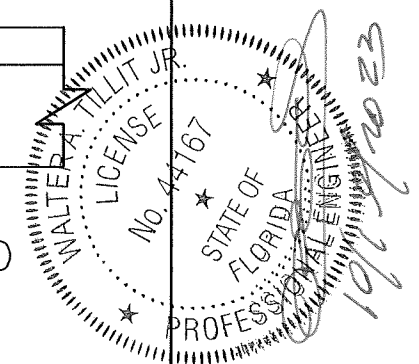
DETAIL 2 (PLAN)
JAMB ATTACHMENT
 SCALE: N.T.S



DETAIL 3 (PLAN)
 SCALE: N.T.S

MODEL PTG-42MD (PTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT

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 as complying with the Florida
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 By *[Signature]*
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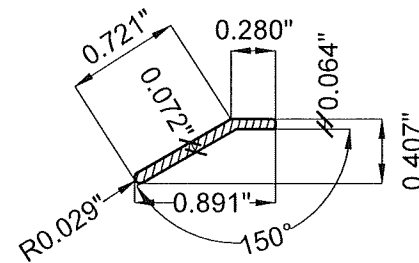


FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)									
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE	REV. NO.
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W.H. DRAWN BY: 10/19/2023 DATE: 23-222 DRAWING NO.					SHEET 5 OF 12				

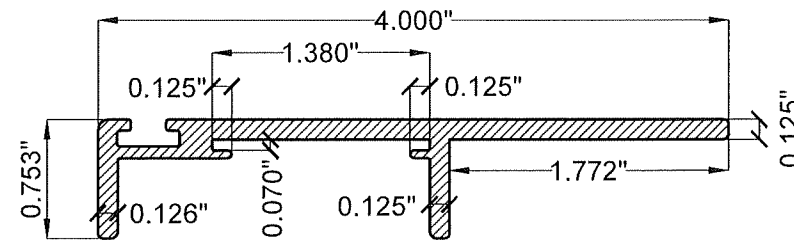
MIAMI-DADE COUNTY

BILL OF MATERIALS MODEL VTG-30MD (VTAC) BLADE SYSTEM : INSIDE-FLUSH & BUILD-OUT MOUNTS

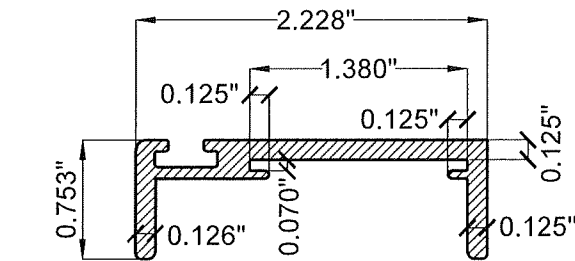
COMPONENT #	DESCRIPTION	MATERIAL	NOTES	LOUVER SYSTEM
②	VTAC - BLADE	6063-T6 ALUMINUM ALLOY/TEMPER	WELDED TO 5. NOTCHED AT EA 1 LOCATION.(SEE SECTION Y1-Y1 ON SHEET 8 & Y2-Y2 ON SHEET 11)	VTAC
③A	CHANNEL FRAME: INSIDE-FLUSH MOUNT	6063-T6 ALUMINUM ALLOY/TEMPER	ALL AROUND, FASTENED W/ ⑦	VTAC
③B	CHANNEL FRAME: BUILD-OUT MOUNT	6063-T6 ALUMINUM ALLOY/TEMPER	ALL AROUND, FASTENED W/ ⑦	VTAC
④	TUBE SUPPORT	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY & WELDED TO ③B	VTAC
⑤	BRACE BAR	6063-T6 ALUMINUM ALLOY/TEMPER	INSTALLED VERTICALLY	VTAC
⑥	LG CORNER LUG ANGLES	6063-T6 ALUMINUM ALLOY/TEMPER	USE (4) EACH UNIT	VTAC
⑦	1/4-14 X 1" TEK SCREWS	401 S.S.	MANUFACTURED BY ITW/BUILDEX	VTAC
⑧	1/8" POP RIVET	S.S.	USE (2)@ ⑥ (VERT. LEG) TO ③B	VTAC
⑨	JAMB ANGLE FOR ③B	6063-T6 ALUMINUM ALLOY/TEMPER	CONTINUOUS FASTENED W/ ⑦	VTAC



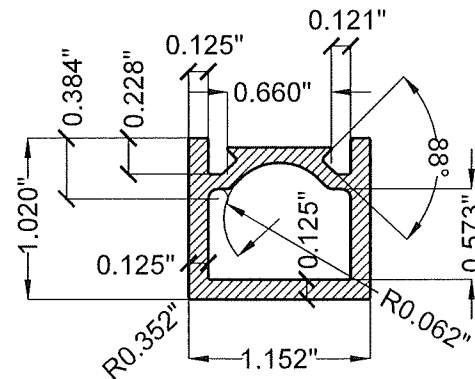
② VTAC BLADE
ALLOY 6063-T6 ALUM



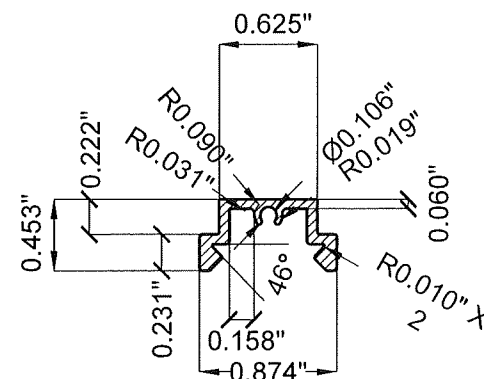
③A CHANNEL FRAME: INSIDE-FLUSH MOUNT
ALLOY 6063-T6 ALUM



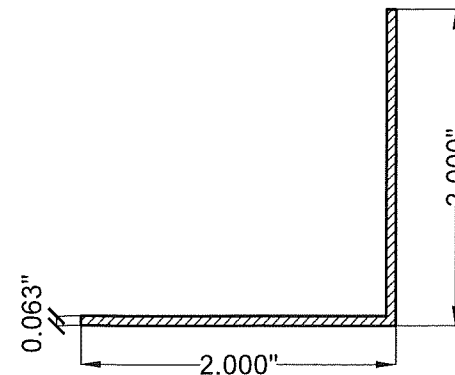
③B CHANNEL FRAME: BUILD OUT-FLUSH MOUNT
ALLOY 6063-T6 ALUM



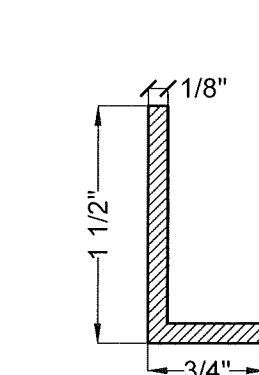
④ TUBE SUPPORT
ALLOY 6063-T6 ALUM



⑤ BRACE BAR
ALLOY 6063-T6 ALUM



⑥ LG CORNER LUG ANGLES
2" X 2" X 0.063" X 1.313"
ALLOY 6063-T6 ALUM



⑨ JAMB ANGLE FOR ③B:
BUILD-OUT MOUNT
3/4" X 1 1/2" X 1/8"
ALLOY 6063-T6 ALUM

COMPONENTS:
MODEL VTG-30MD (VTAC) BLADE SYSTEM: INSIDE-FLUSH & BUILD OUT- FLUSH MOUNTS

SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

159 GEMCO DRIVE

HARTFORD, AL 36344

PHONE: (423)698-7715 FAX: (423)698-6629

CA-0006719

WALTER A. TILLIT JR., P.E.

FLORIDA Lic. # 44167

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23-222
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SHEET 6 OF 12



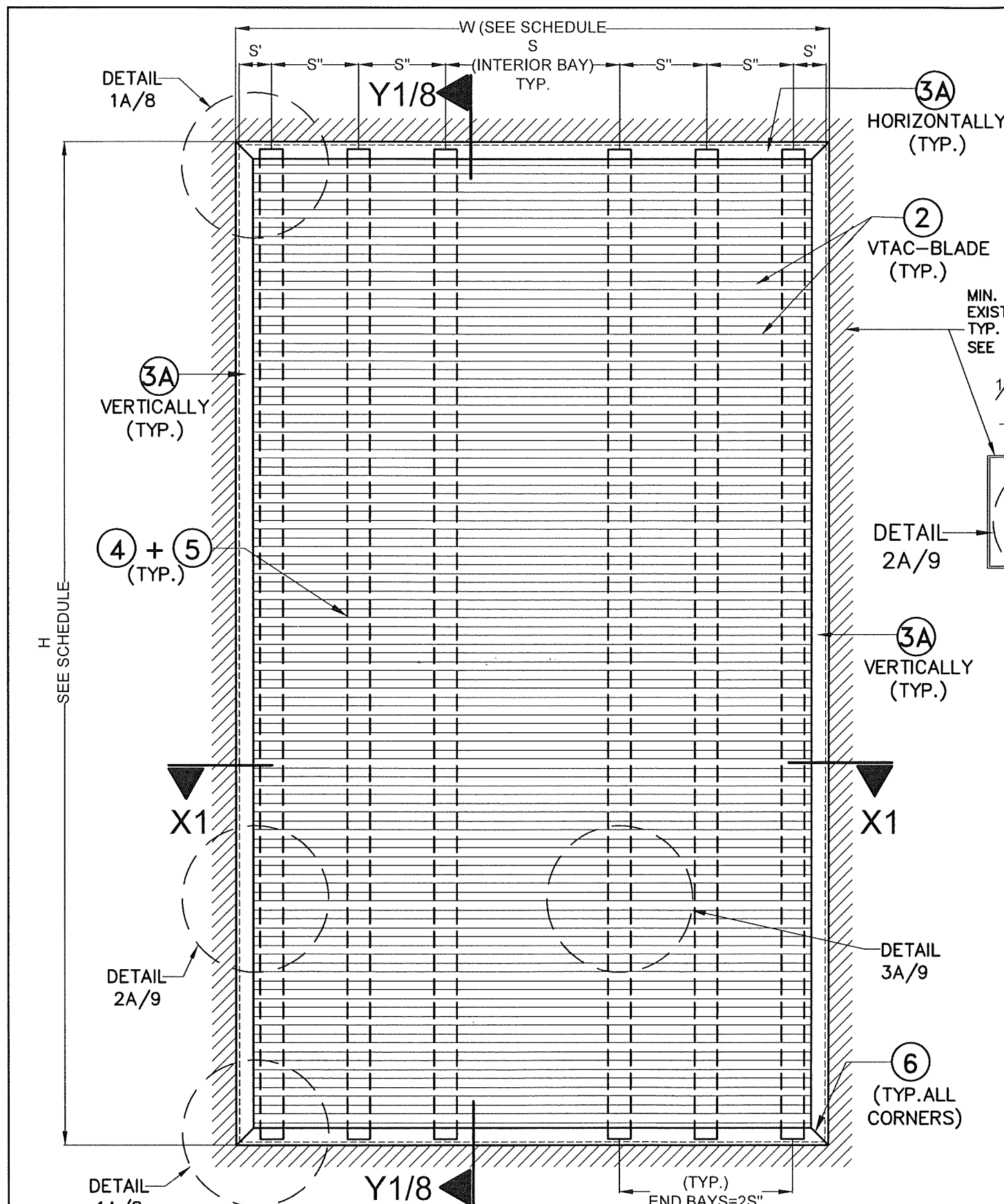
10/19/2023

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-1017.02

Approval Date 12/28/2023

By
Miami-Dade Product Control

MIAMI-DADE COUNTY



MODEL VTG-30MD (VTAC):MAX. DIMENSIONS SCHEDULE

CASE	W	H	S	S'	S''
MAX.	36"	54"	11"	1 13/16"	5 3/4"

LEGEND:

S= TYPICAL MAX (4) + (5) INTERIOR SPACING FAR FROM ENDS BAYS

S'= TYPICAL MAX (4) + (5) FIRST/LAST DISTANCE TO JAMBS (3)

S''= TYPICAL MAX (4) + (5) SPACING AT END BAYS.

MIN. 0.090" THK. EXISTING ALUMINUM TYP. ALL AROUND SEE NOTE 8/1

MIN. 0.090" THK. EXISTING ALUMINUM TYP. ALL AROUND SEE NOTE 8/1

SECTION X1-X1
SCALE: N.T.S

TYPICAL ELEVATION FOR MODEL VTG-30MD (VTAC) BLADE SYSTEM W/ (3A) INSIDE-FLUSH MOUNT W/MAX. PRODUCTS DIMENSIONS
SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

159 GENCO DRIVE
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

W.H. DRAWN BY: 10/19/2023 DATE: 23-222 DRAWING NO. SHEET 7 OF 12

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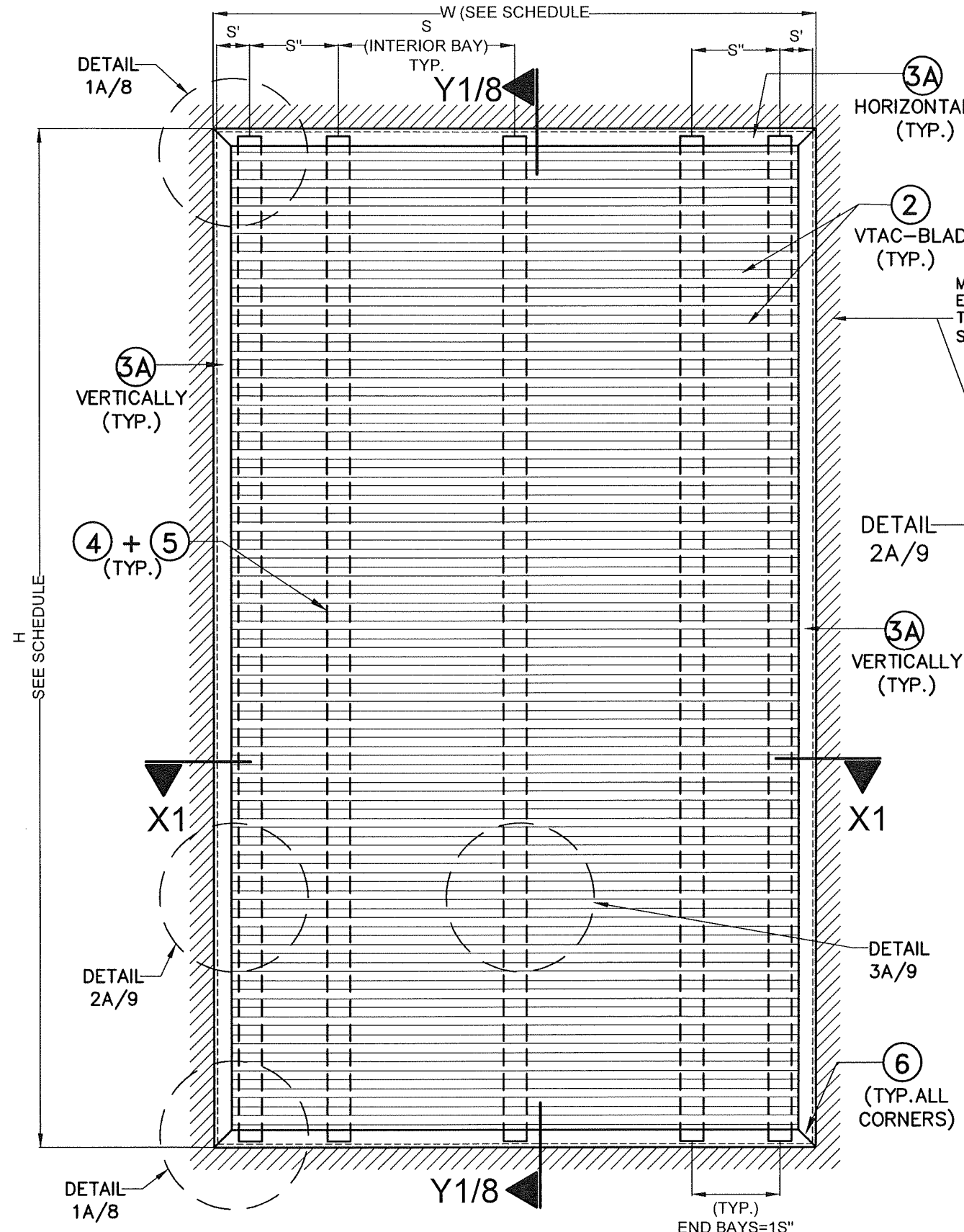
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

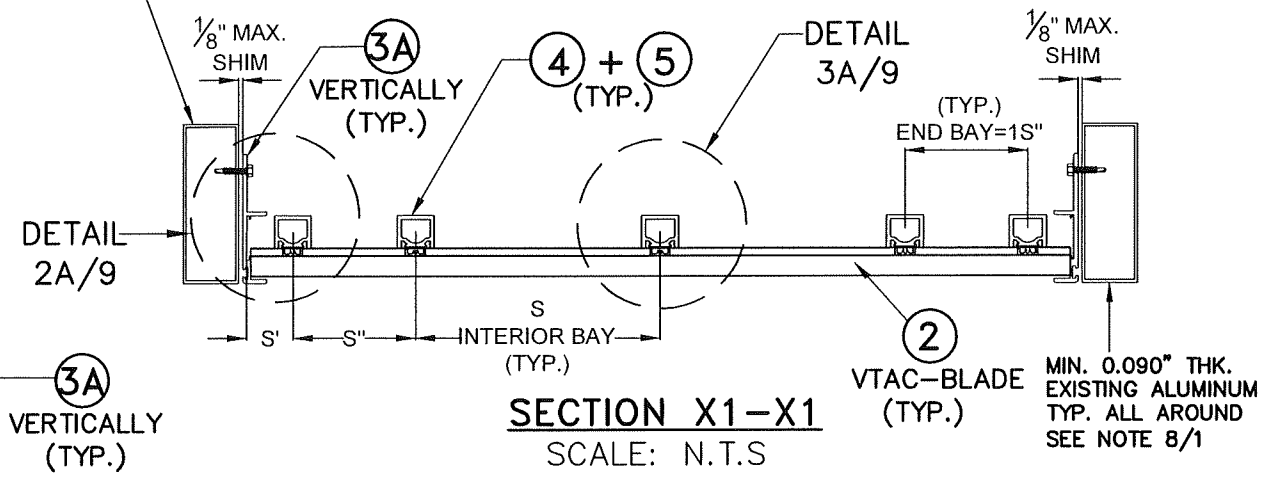
MIAMI-DADE COUNTY

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Approval Date 12/28/2023
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Miami-Dade Product Control



TYPICAL ELEVATION FOR MODEL VTG-30MD (VTAC) BLADE SYSTEM W/ 3A
 INSIDE-FLUSH MOUNT W/MIN. PRODUCT DIMENSIONS
 SCALE: N.T.S

MIN. 0.090" THK.
 EXISTING ALUMINUM
 TYP. ALL AROUND
 SEE NOTE 8/1



MODEL VTG-30MD (VTAC):MIN. DIMENSIONS SCHEDULE

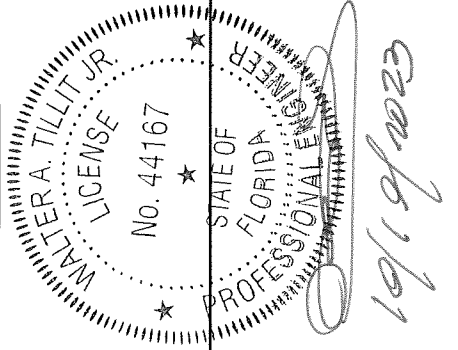
CASE	W	H	S	S'	S''
MIN.	20"	24"	4 1/8"	1 7/8"	3 7/16"

LEGEND:

S= TYPICAL MIN. 4 + 5 INTERIOR SPACING FAR FROM ENDS BAYS

S'= TYPICAL MIN. 4 + 5 FIRST/LAST DISTANCE TO JAMBS 3

S''= TYPICAL MIN. 4 + 5 SPACING AT END BAYS.



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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

159 GENCO DRIVE
 HARTFORD, AL 36344
 PHONE: (423)698-7715 FAX: (423)698-6629

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 DATE
 REV. NO. 2
 DATE

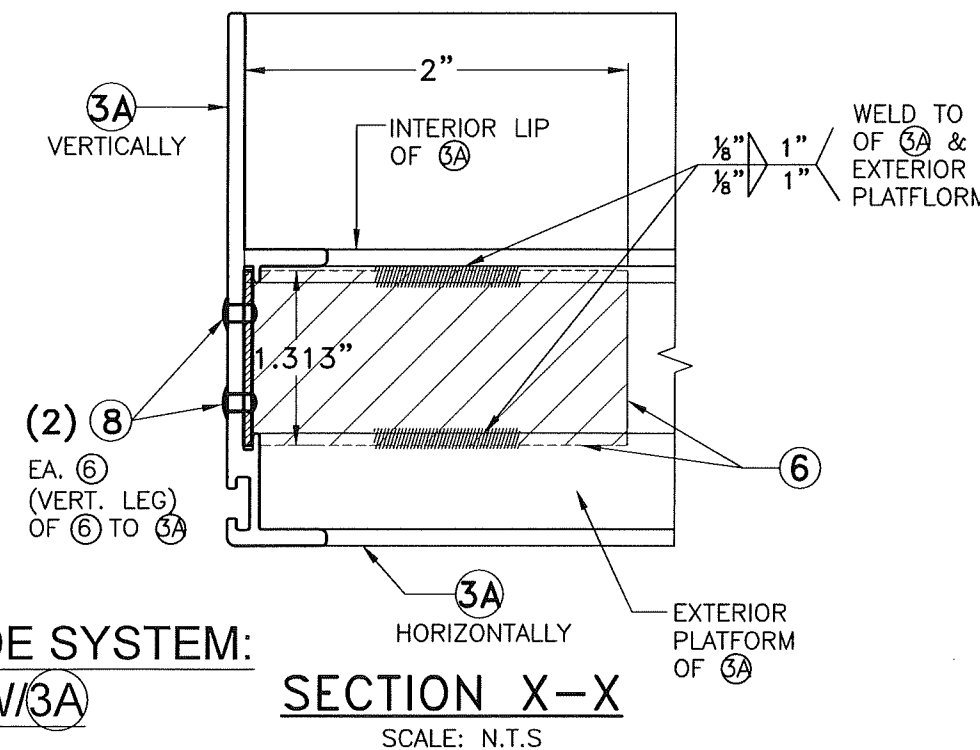
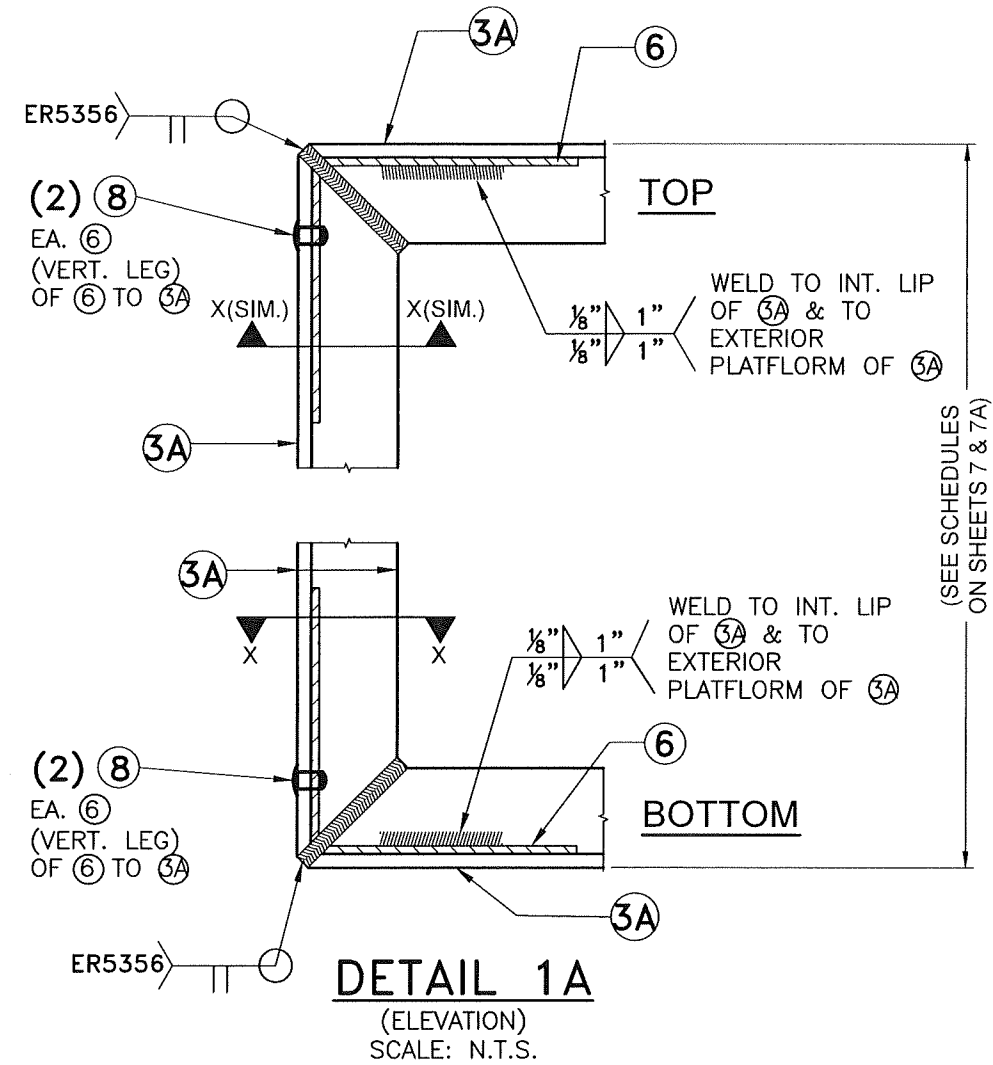
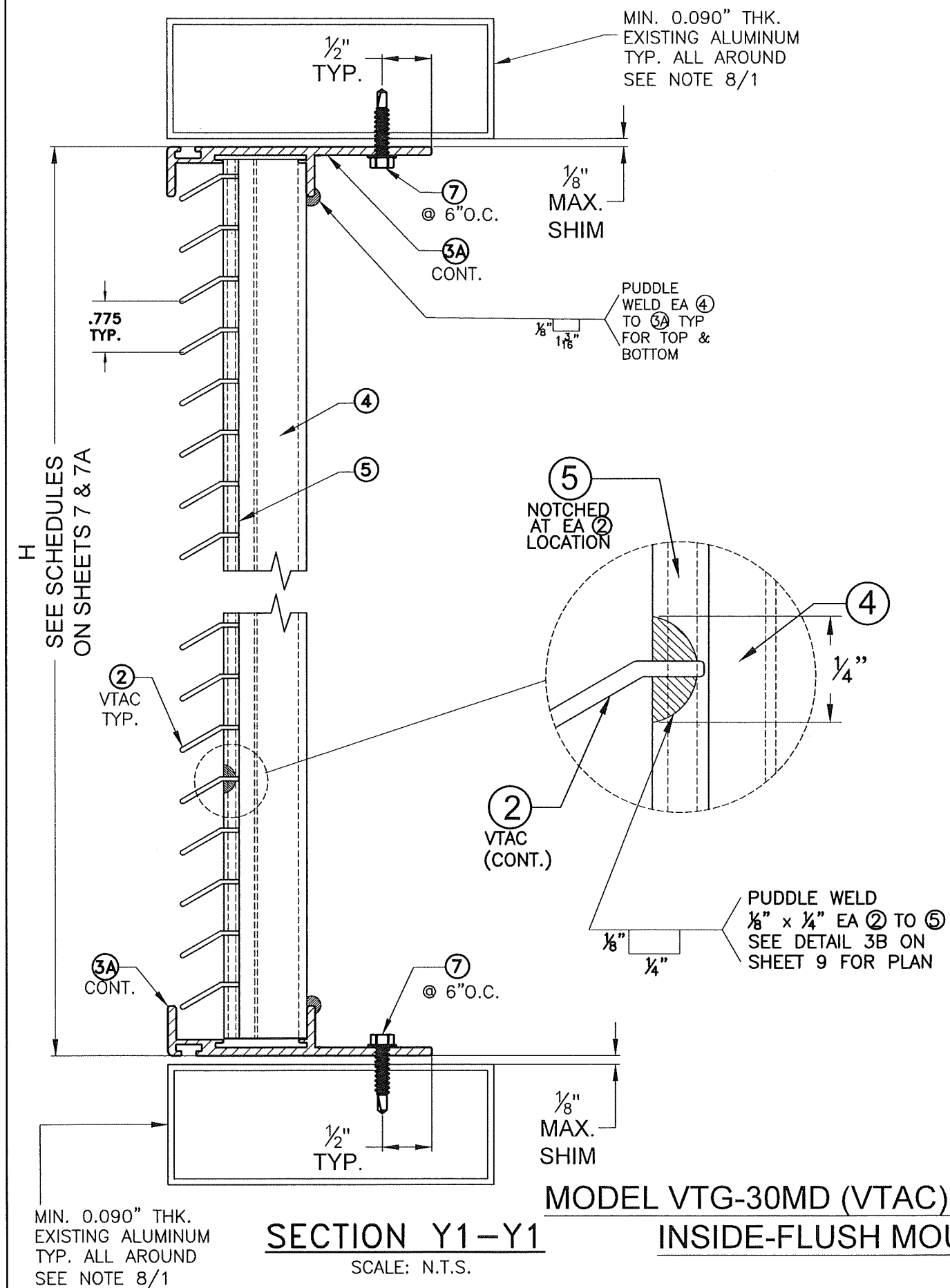
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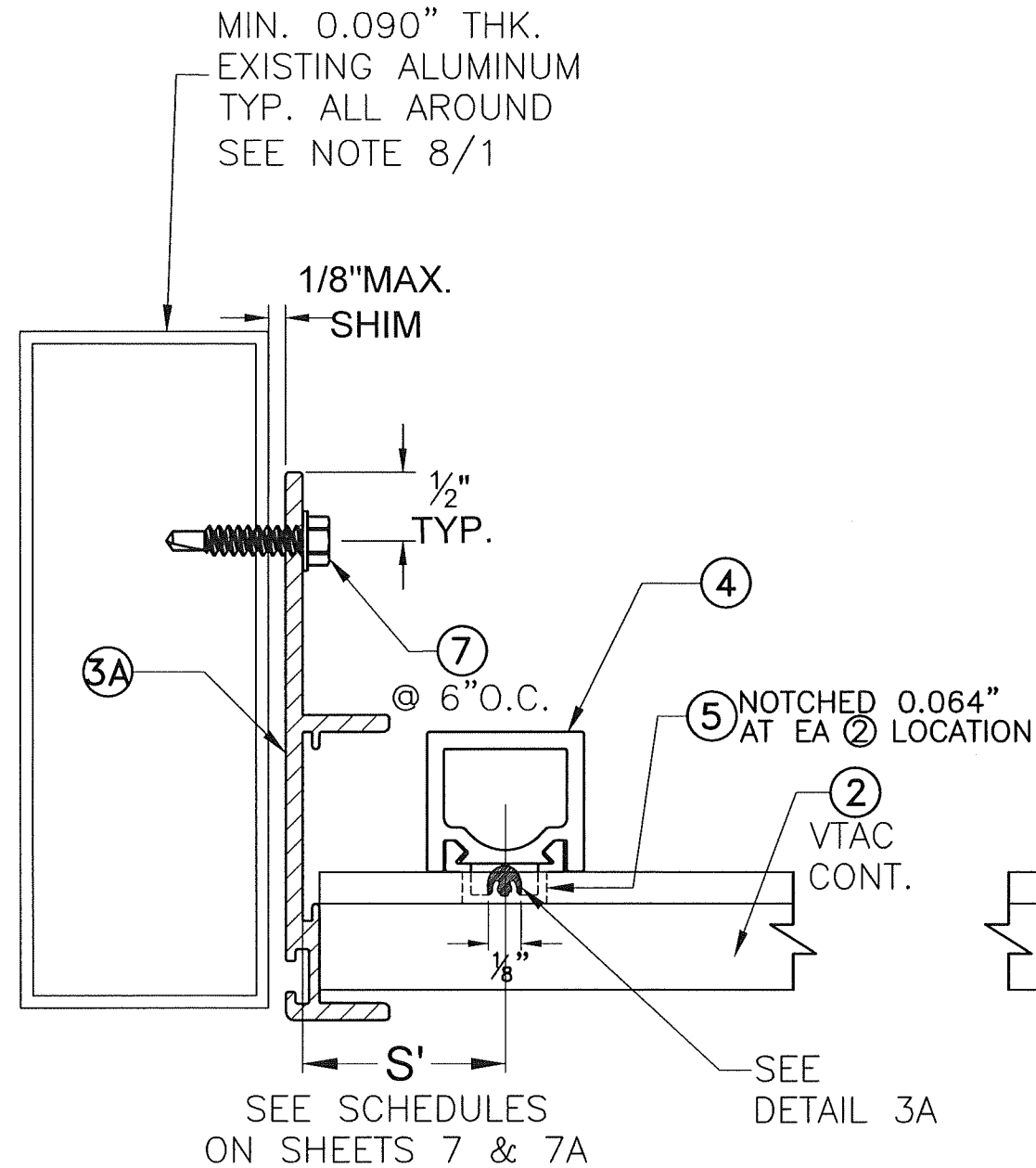
TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLITT Jr. P.E.
 FLORIDA Lic. # 44167

W.H. DRAWN BY: 10/19/2023 DATE: 23-222 DRAWING NO. SHEET 7A OF 12

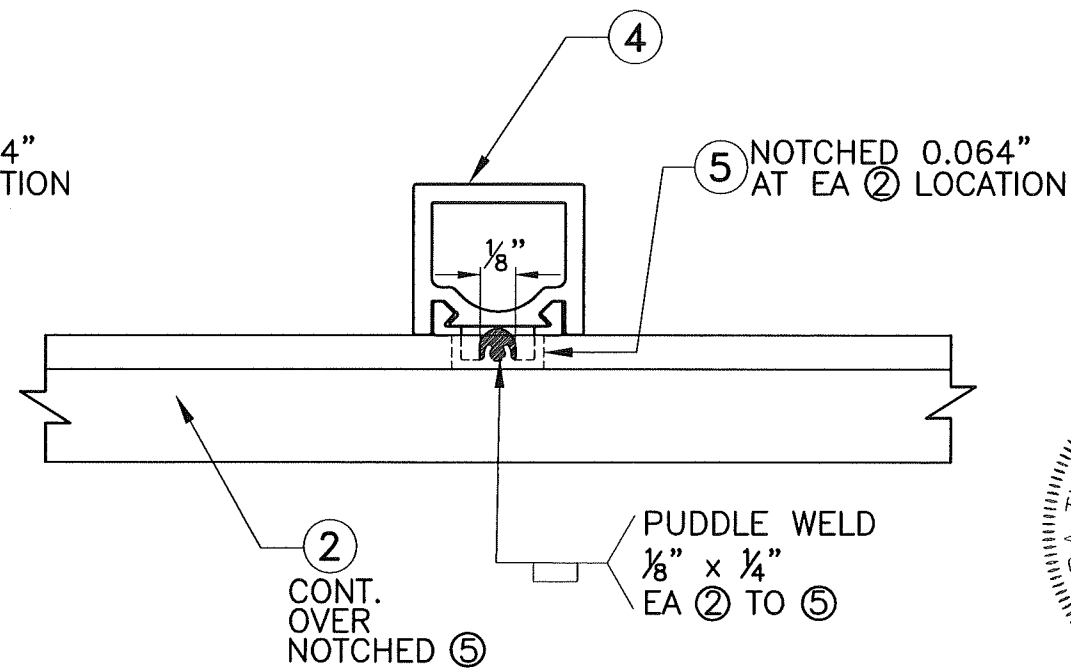
MIAMI-DADE COUNTY



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										REV. NO		DESCRIPTION		DATE		REV. No		DESCRIPTION		DATE	
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2		-		-		4		-		-											
P.E. SEAL/SIGNATURE/DATE																					
DATE APPROVED WITH THE FLORIDA CODE 23-1017.02																					
DATE 12/28/2023																					
Product Control																					
MIAMI-DADE COUNTY																					



DETAIL 2A (PLAN)
JAMB ATTACHMENT
SCALE: N.T.S



DETAIL 3A (PLAN)
SCALE: N.T.S

MODEL VTG-30MD (VTAC) BLADE SYSTEM:
INSIDE-FLUSH MOUNT W/③A

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-1017.02
Approval Date 12/28/2023
By *[Signature]*
Miami-Dade Product Control

MIAMI-DADE COUNTY

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC)
ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)

UNITED ENERTECH HOLDINGS, LLC

159 Genco Drive
HARTFORD, AL 36344
PHONE: (423)698-7715 FAX: (423)698-6629

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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23-222
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SHEET 9 OF 12

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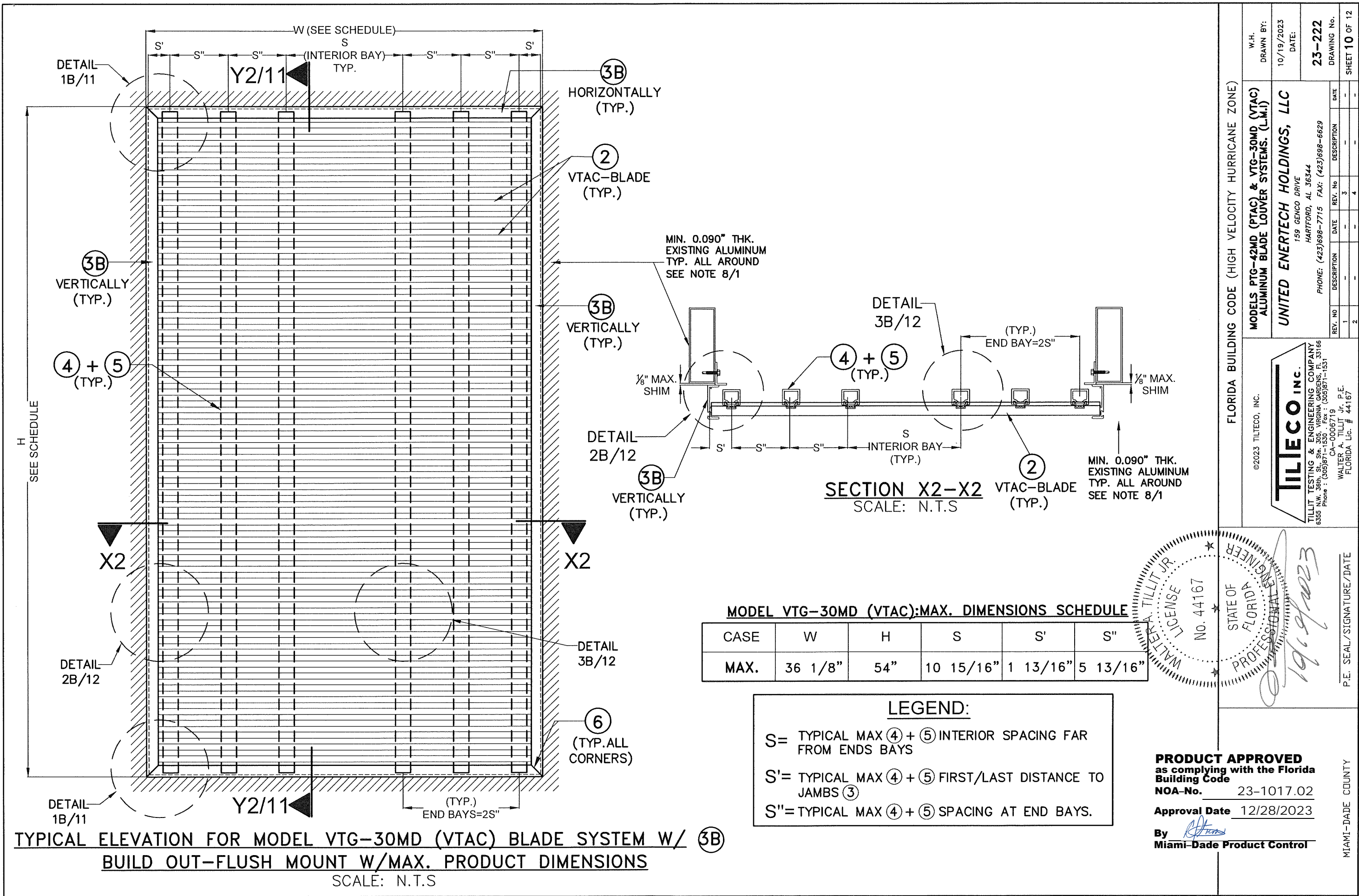
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531

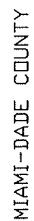
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167



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12/28/2023

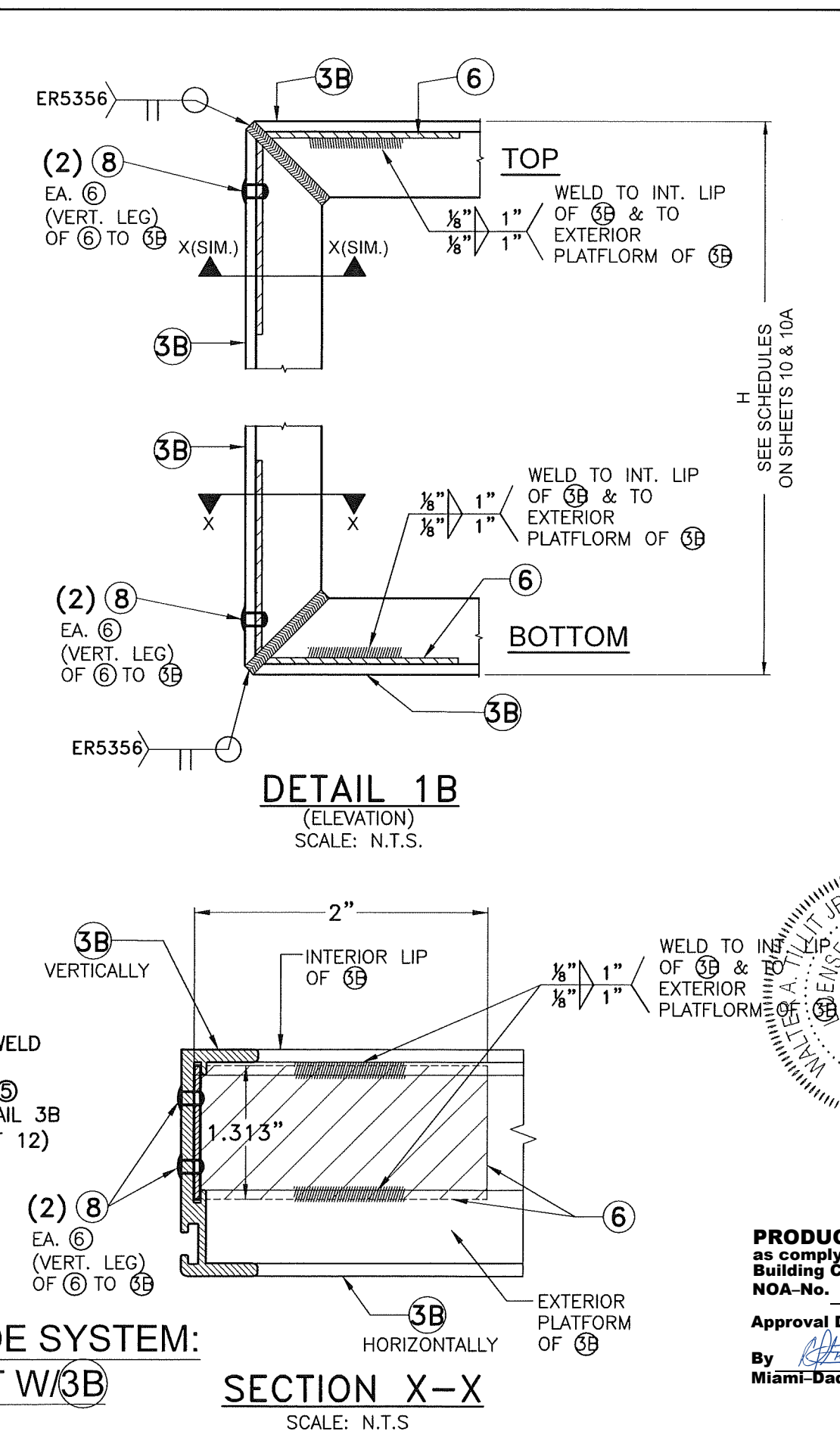
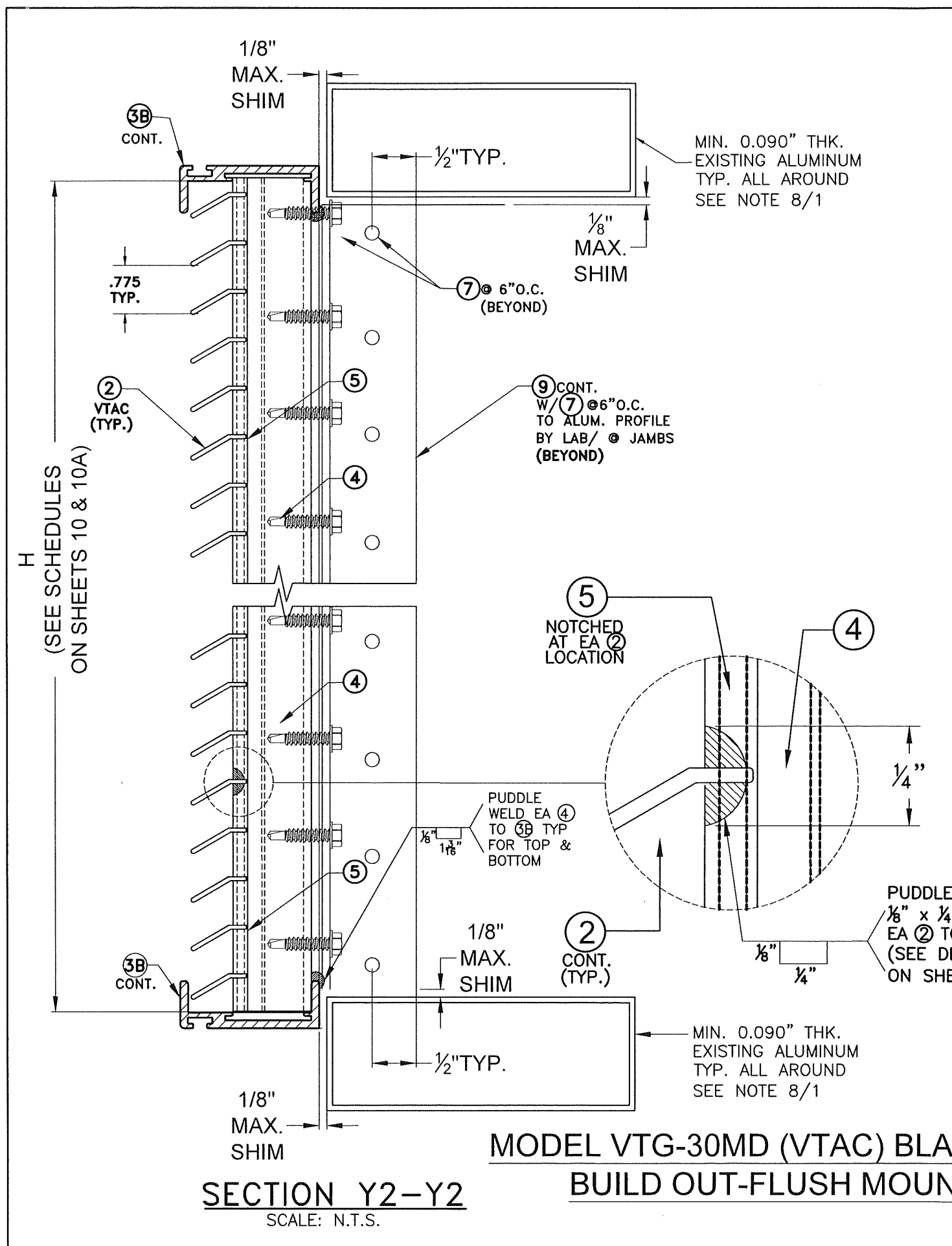
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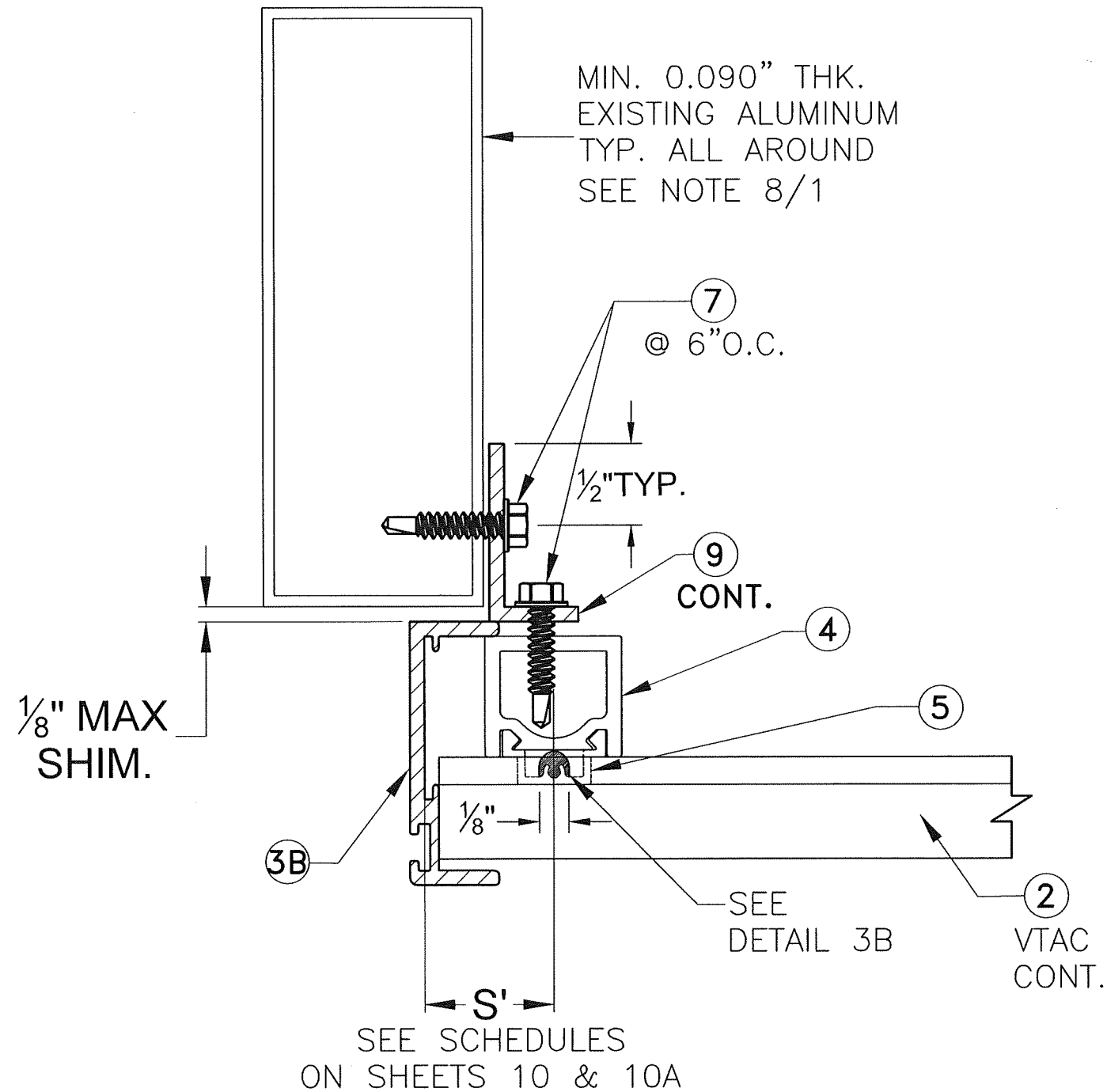


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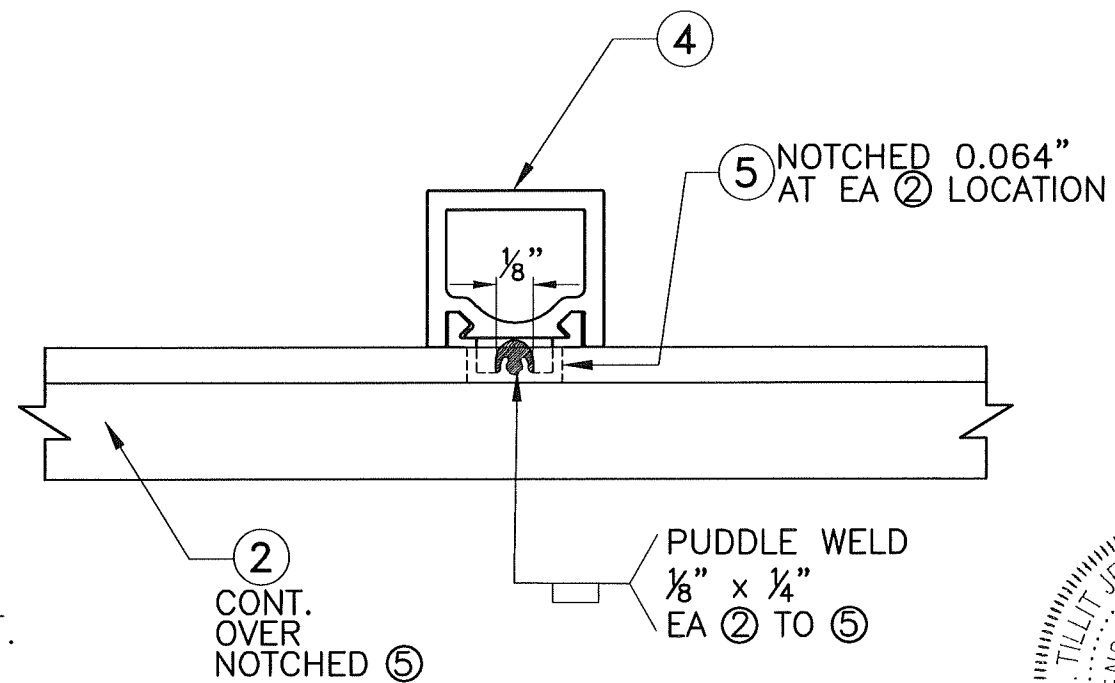
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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)		W.H. DRAWN BY: 10/19/2023 DATE: 23-222 DRAWING NO.	SHEET 11 OF 12
MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)		UNITED ENERTECH HOLDINGS, LLC 159 GEMCO DRIVE HARTFORD, AL 36344 PHONE: (423)698-7715 FAX: (423)698-6629	
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167		P.E. SEAL/SIGNATURE/DATE	
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DETAIL 2B (PLAN)
JAMB ATTACHMENT
 N.T.S.



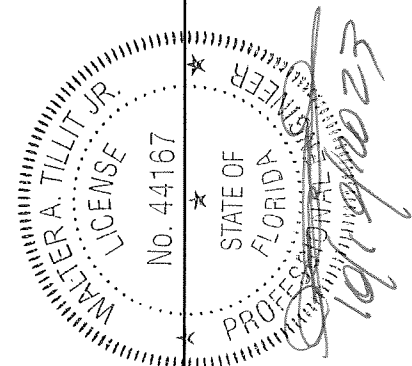
DETAIL 3B (PLAN)
 SCALE: N.T.S.

MODEL VTG-30MD (VTAC) BLADE SYSTEM:
BUILD OUT-FLUSH MOUNT W/3B

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 10/19/2023 DATE: 23-222 DRAWING NO. SHEET 12 OF 12	
MODELS PTG-42MD (PTAC) & VTG-30MD (VTAC) ALUMINUM BLADE LOUVER SYSTEMS. (L.M.I.)	
UNITED ENERTECH HOLDINGS, LLC	
159 GEMCO DRIVE HARTFORD, AL 36344	
PHONE: (423)698-7715 FAX: (423)698-6629	
REV. NO.	DESCRIPTION
1	1
2	2

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLIT Jr. P.E.
 FLORIDA Lic. # 44167



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MIAMI-DADE COUNTY