



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)

OutFront Media, Inc.
8530 NW 23rd Street
Doral, Florida 33122

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: Miami Bus Shelter & Oppi Pal-Li Solar Display Panel

APPROVAL DOCUMENT: Drawing No. 23-121, titled "Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33 including 11A, prepared by Tilteco, Inc., dated July 21, 2023, signed and sealed by Walter A. Tillit Jr., P.E. on July 21, 2023, 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: None

LABELING: Each bus shelter shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 approval is limited to only the Structural Adequacy of the Bus Shelter and the display unit. All others are not part of this Approval.

This NOA revises NOA #20-0922.01 and consists of this page 1, the evidence submitted pages E-1, E-2, E-3, E-4 & E-5 as well as approval document mentioned above.

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



Helmy A. Makar
10/05/2023

NOA No. 23-0816.23
Expiration Date: 10/22/2025
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Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0908.01

A. DRAWINGS:

1. *Drawing No. 03-199, titled " Pal-Li Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33, prepared by Tilteco, Inc., dated August 29, 2003, signed and sealed by Walter A. Tillit Jr., P.E. on September 4, 2003.*

B. TESTS:

1. *Test report on Uniform Static Air Pressure Test, TAS 202, of bus shelter roof panel, prepared by Fenestration Testing Laboratory, Inc., Report No. 3867, dated September 4, 2003, signed and sealed by Joseph Chan, P.E.*
2. *Test report on Uniform Static Air Pressure Test, TAS 202, of bus shelter solar roof panel, prepared by Fenestration Testing Laboratory, Inc., Report No. 3795, dated July 3, 2003, signed and sealed by Joseph Chan, P.E.*
3. *Test report on Uniform Static Air Pressure Test, TAS 202, of bus shelter rear panel back section, prepared by Fenestration Testing Laboratory, Inc., Report No. 3891, dated September 4, 2003, signed and sealed by Joseph Chan, P.E.*
4. *Test report on Uniform Static Air Pressure Test, TAS 202, of bus shelter roof panel, prepared by Fenestration Testing Laboratory, Inc., Report No. 3901, dated September 4, 2003, signed and sealed by Joseph Chan, P.E.*
5. *Test report on Uniform Static Air Pressure Test, TAS 202, of bus shelter solar display panel, prepared by Fenestration Testing Laboratory, Inc., Report No. 3792, dated September 4, 2003, signed and sealed by Joseph Chan, P.E.*
6. *Test report on Uniform Static Air Pressure Test, TAS 202, of bus shelter solar display panel, prepared by Fenestration Testing Laboratory, Inc., Report No. 3788, dated September 4, 2003, signed and sealed by Joseph Chan, P.E.*
7. *Test report on Gravity Load Test, of bus shelter Steel Rolled form Bench, prepared by Fenestration Testing Laboratory, Inc., Report No. 3920, dated September 3, 2003, signed and sealed by Joseph Chan, P.E.*

C. CALCULATIONS:

1. *Pal-Li Miami Bus Shelter & Oppi Pal-Li Solar Panel design and anchor analysis dated September 4, 2003, Pages 1 through 39 of 39, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.*

D. QUALITY ASSURANCE:

1. *By Miami-Dade County Building Code Compliance Office.*



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E. MATERIAL CERTIFICATION:

1. *Mill Certified Test Report issued by Amerimet Corporation, dated 07/16/03 with chemical composition and mechanical properties of aluminum alloy 3003-H154.*
2. *Tensile Test Report No. 3926, prepared by Fenestration Testing Laboratory, Inc.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 06-0503.09

A. DRAWINGS:

1. *Drawing No. 06-002, titled "Pal-Li Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33, prepared by Tilteco, Inc., dated January 06, 2006, signed and sealed by Walter A. Tillit Jr., P.E. on January 30, 2006.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *Calculation for verification of glass at rear wall of shelter and at display panel based on ASTM E-1300-98/02, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.*

D. QUALITY ASSURANCE:

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0801.01

A. DRAWINGS:

1. *None.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE:

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*



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4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0227.19

A. DRAWINGS:

1. *Drawing No. 12-032, titled "Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33, prepared by Tilteco, Inc., dated February 10, 2012, signed and sealed by Walter A. Tillit Jr., P.E. on February 21, 2012.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *Miami Bus Shelter & Oppi Pal-Li Solar Panel design dated February 12, 2012, Pages 1 through 9 of 9, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E., on February 21, 2012.*

D. QUALITY ASSURANCE:

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

E. MATERIAL CERTIFICATION:

1. *None.*

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-0815.01

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 CERTIFICATION:

1. *None.*

F. OTHERS

1. *Letter of compliance to the FBC, 2010 Edition, issued by Tilteco, Inc., dated August 06, 2013, signed and sealed by Walter A. Tillit Jr., P.E.*



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0818.15

A. DRAWINGS:

1. *Drawing No. 15-119, titled "Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33, prepared by Tilteco, Inc., dated May 04, 2015, signed and sealed by Walter A. Tillit Jr., P.E. on May 07, 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 CERTIFICATION:

1. *None.*

F. OTHERS

1. *Letter of compliance to the FBC, 2014 Edition, issued by Tilteco, Inc., dated May 01, 2015, signed and sealed by Walter A. Tillit Jr., P.E.*

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0922.01

A. DRAWINGS:

1. *Drawing No. 20-032, titled "Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33 including 11A, prepared by Tilteco, Inc., dated Sept. 03, 2020, signed and sealed by Walter A. Tillit Jr., P.E. on Sept. 08, 2020.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE:

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

E. MATERIAL CERTIFICATION:

1. *None.*

F. OTHERS

1. *Letter of compliance to the FBC, 2017 Edition and 2020 Edition, issued by Tilteco, Inc., dated Sept. 03, 2020, signed and sealed by Walter A. Tillit Jr., P.E.*



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

8. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. *Drawing No. 23-121, titled "Miami Bus Shelter & Oppi Pal-Li Solar Display Panel", sheets 1 through 33 of 33 including 11A, prepared by Tilteco, Inc., dated July 21, 2023, signed and sealed by Walter A. Tillit Jr., P.E. on July 21, 2023.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE:

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

E. MATERIAL CERTIFICATION:

1. *None.*

F. OTHERS

1. *Letter of compliance to the FBC, 2023 Edition and 2020 Edition, issued by Tilteco, Inc., dated July 21, 2023, signed and sealed by Walter A. Tillit Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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MIAMI BUS SHELTER & OPPI PAL-LI SOLAR DISPLAY PANEL

GENERAL NOTES:

(I) VALID ONLY FOR MIAMI BUS SHELTER

- 1.- MIAMI BUS SHELTER SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR CODE COMPLIANCE THROUGH TESTING AND RATIONAL ANALYSIS IN ACCORDANCE WITH THE 2020 (7th EDITION) AND THE 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS HAVE BEEN DETERMINED IN ACCORDANCE WITH SECTION 1620 OF THE ABOVE MENTIONED CODES, FOR A BASIC WIND SPEED OF 175 M.P.H. AND IN ACCORDANCE WITH ASCE 7-16 (FBC 2020) & ASCE 7-22 (FBC 2023) STANDARD.
- TESTING FOR WIND CAPACITY HAS BEEN PERFORMED IN ACCORDANCE OF TAS-202 AND AS PER ASTM E-330 STANDARD, PER FENESTRATION TESTING LAB REPORTS # 3867, 3795, 3891, 3901 AND 3925. THIS STRUCTURE SHALL ONLY BE INSTALLED WHERE DESIGN WIND LOADS DO NOT EXCEED THE MAXIMUM VALUES INDICATED BELOW.
- MAXIMUM A.S.D. DESIGN LOADS ARE:
DEAD LOADS ON STRUCTURAL ROOF: 5.0 P.S.F.
LIVE LOADS ON STRUCTURAL ROOF: 30 P.S.F.
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR WIND:
- ON STRUCTURAL ROOF: +80, -80 P.S.F. (S.F.=2.00)
- ON SOLAR PANELS: +35, -72 P.S.F. (S.F.=2.00)
- ON REAR GLASS WALL: +50, -61 P.S.F. (S.F.=1.50)
- 2.- ALL STEEL POSTS AND PLATES TO BE MADE OF AISI 304 SERIES WITH A MINIMUM YIELD STRENGTH OF 42.0 ksi.
- 3.- ALL ALUMINUM EXTRUSIONS SHALL BE MADE OF A MINIMUM ALUMINUM ASSOCIATION ALLOY AND TEMPER CORRESPONDING TO 6063-T6.
4. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2015 AND 2020 ALUMINUM DESIGN MANUAL.
5. BENCH MATERIAL SHALL BE ASTM A-1011 HOT ROLLED STEEL, W/ A MINIMUM YIELD STRENGTH OF 40.0 ksi, PAINTED AS PER FEDERAL SPECIFICATIONS CORRESPONDING TO RED OXIDE PAINT OR EQUAL. MATERIAL TO BE COATED WITH DENFLEX PX-12412 PVC PLASTISOL COATING, 0.125" THICK, AS MANUFACTURED BY POLYONE, CHICAGO, ILLINOIS W/ 10.4 Lb/Gallon DENSITY, 2300 psi TENSILE STRENGTH (ASTM D-412), 419 ppi TEAR STRENGTH (ASTM D-624). COATING WAS EXPOSED FOR 1000 hrs. IN A QUV ULTRAVIOLET CHAMBER, RESULTING ON SOME LOSS OF GLOSS BUT NO PHYSICAL PROPERTY DEGRADATION. COATING SHALL MAINTAIN A COMFORTABLE TEMPERATURE OF BENCH'S SURFACE UNDER EXTREME WEATHER CONDITIONS (HOT OR COLD). THIS ENGINEER IS NOT RESPONSIBLE FOR THE THERMAL PERFORMANCE OF THIS COATING, WHICH SHALL BE GUARANTEED BY THE COATING MANUFACTURER. MAXIMUM BENCH CAPACITY IS 640 Lbs.
- 6.- ALL MACHINE SCREWS & BOLTS TO BE AISI 304 OR 316 SERIES STAINLESS STEEL. MINIMUM SHEAR STRENGTH SHALL BE 60.0 ksi. MINIMUM TENSILE STRENGTH SHALL BE 90.0 ksi. AS PER ASTM A-276 STANDARD. ALL SHEET METAL SCREWS TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.
- 7.- ALL RIVETS TO BE STAINLESS STEEL WITH A MINIMUM OF 550 LB. SHEAR STRENGTH AND 700 LB. MINIMUM TENSILE STRENGTH.
- 8.- ALL WELDING OF STAINLESS STEEL MEMBERS SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY AWS D1.8 REGULATIONS. ELECTRODES SHALL BE MADE OF STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 80.0 ksi (A.W.S. CLASSIFICATION E-308, E309 OR EQUAL. ALL WELDING OF ALUMINUM MEMBERS TO CONFORM WITH THE AMERICAN WELDING SOCIETY A.W.S. D.1.2 REGULATIONS. USE E-5556 OR 5356 ELECTRODES. USE CERTIFIED WELDERS.
- 9.- STRUCTURAL INSULATED ROOF PANEL IS A 3" THICK 1LB/FT³ DENSITY EXPANDED POLYSTYRENE AS MANUFACTURED BY DYPLAST PRODUCTS LLC., W/ MIAMI DADE COUNTY PRODUCT APPROVAL, WITH 0.035" THICK. (STUCCO EMBOSSED) 3003-H154, ALUMINUM SKIN (W/ A MINIMUM YIELD STRENGTH OF 28.00 ksi) TOP AND BOTTOM AND ADHERED TO POLYSTYRENE TO SKIN WITH MOR-AD M-464 URETHANE PREPOLYMER SOLUTION, PRODUCED BY MORTON INTERNATIONAL, INC. CHICAGO, ILLINOIS 60606-1598.
- 10.- GLASS AT REAR WALL OF BUS SHELTER SHALL BE 10mm THICK, TEMPERED AND SHALL COMPLY WITH 16CFR-1201.
- 11.- VERIFICATION OF CODE COMPLIANCE FOR SOLAR PANELS AND THEIR SUPPORTING FRAME COVERS ONLY THEIR STRUCTURAL ADEQUACY TO SUSTAIN THE SUPERIMPOSED WIND LOADS. SOLAR PANELS TO BE MANUFACTURED BY BP SOLAR, MARYLAND, U.S.A., MODEL #BP3160 U. THIS PRODUCT APPROVAL DOCUMENT DOES NOT INCLUDE SOLAR PANEL'S THERMAL PERFORMANCE. SOLAR PANEL'S INSTALLATION INSTRUCTIONS SHALL INCLUDE INSTRUCTIONS SUCH THAT NO PERSON SHALL EVER STEP ON PANELS AT ANY TIME.
- 12.- ANCHORS USED TO CONNECT POST'S BASE PLATES TO CONCRETE FOUNDATION SHALL BE EITHER OF THE FOLLOWING TYPES:
(a.) 5/8" DIAMETER GALVANIZED STEEL ANCHOR BOLTS, WITH STRAIGHT SHAFT, HEAD AND NUT. TO COMPLY WITH ASTM F1554, GALVANIZED TO ASTM A-153 WITH A MINIMUM YIELD STRENGTH OF 36ksi, AND TO PENETRATE A MINIMUM OF 8" INTO THE THE CONCRETE FOUNDATION. MINIMUM A.S.D. TENSION LOAD CAPACITY: 6200 LB. MINIMUM A.S.D. SHEAR LOAD CAPACITY: 3100 LB. ANCHORS SHALL BE INSTALLED STRICTLY FOLLOWING THE SPECIFICATIONS OF THE ANCHOR MANUFACTURER AND THE DETAILS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT.
- 13.- ALL CONCRETE TO DEVELOP A 28 DAY MINIMUM COMPRESSIVE STRENGTH f'c OF 3000 psi. ALL REBARS TO BE ASTM A-615 DEFORMED BARS. ALL CONCRETE CONSTRUCTION TO COMPLY WITH ACI 318-14 AND ACI 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
- 14.- REQUIRED FRAMING FOR INSTALLATION OF SHELTER WITHIN EXPOSURES C OR D AS DEFINED BY ASCE 7-16 (FBC 2020) AND ASCE 7-22 (FBC 2023) STANDARD SHALL BE PROVIDED BASED ON SCHEDULE ON SHEET 4 OF 33 OF THIS DRAWING.

(II) VALID ONLY FOR OPPI PAL-LI SOLAR DISPLAY PANEL

- 1.- OPPI PAL-LI SOLAR DISPLAY UNIT SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR CODE COMPLIANCE THROUGH TESTING AND RATIONAL ANALYSIS IN ACCORDANCE WITH THE 2020 (7th EDITION) AND 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS HAVE BEEN DETERMINED IN ACCORDANCE WITH SECTION 1620 OF THE ABOVE MENTIONED, FOR A BASIC WIND SPEED OF 175 M.P.H. AND IN ACCORDANCE WITH ASCE 7-16 (FBC 2020) & ASCE 7-22 (FBC 2023) STANDARD.
- TESTING FOR WIND CAPACITY HAS BEEN PERFORMED IN ACCORDANCE WITH TAS-202 AND AS PER ASTM E-330 STANDARD, AS PER FENESTRATION TESTING LAB REPORTS # 3788 AND 3792. THIS STRUCTURE SHALL ONLY BE INSTALLED WHERE DESIGN WIND LOADS DO NOT EXCEED THE MAXIMUM VALUES INDICATED BELOW.
- MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR WIND:
+60, -67 P.S.F. (S.F.=1.50)
- 2.- MAIN FRAME COMPONENTS (SEE SHEET 22) SHALL BE MADE OF ASTM A-36 STEEL, GALVANIZED AS PER ASTM A-123. CLADDING COMPONENTS SHALL BE MADE OF AISI 304L SERIES, WITH MINIMUM YIELD STRENGTH OF 25.0 ksi.
- 3.- FRAME COMPONENTS FOR FRONT AND REAR DOORS OF DISPLAY UNIT SHALL BE MADE OF EXTRUDED ALUMINUM, WITH ALUMINUM ASSOCIATION 6005-T5 ALLOY AND TEMPER, REINFORCED WITH CONTINUOUS AISI 304L SERIES STAINLESS STEEL PLATES AT STILES.
- 4.- GLASS AT FRONT AND REAR DOORS OF DISPLAY UNIT SHALL BE 0.315" THICK TEMPERED GLASS AND SHALL COMPLY WITH 16CFR-1201.
- 5.- ALL MACHINE SCREWS & BOLTS TO BE AISI 304 OR 316 SERIES STAINLESS STEEL. MINIMUM SHEAR STRENGTH SHALL BE 60.0 ksi. MINIMUM TENSILE STRENGTH SHALL BE 90.0 ksi. AS PER ASTM A-276 STANDARD & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.
- 6.- ALL RIVETS TO BE STAINLESS STEEL WITH A MINIMUM OF 550 LB. SHEAR STRENGTH AND 700 LB. MINIMUM TENSILE STRENGTH.
- 7.- ALL WELDING OF HOT ROLLED STEEL MEMBERS SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY A.W.S. D 1.1 REGULATIONS. ELECTRODES SHALL BE E70 XX, AS PER A.W.S. A 5.1 OR A 5.5. WELDING OF GALVANIZED STEEL SHALL BE IN ACCORDANCE WITH A.W.S. D-19.0 SPECIFICATIONS.
- 8.- ALL HARDWARE FOR LOCKING ASSEMBLY FOR DOORS AT TOP AND BOTTOM SHALL BE AISI 304L STAINLESS STEEL AS SPECIFIED ON SHEETS 27, 28 AND 30 OF THIS PRODUCT APPROVAL DOCUMENT.
- 9.- ANCHORS USED TO CONNECT MAIN FRAME POST'S BASE PLATES TO CONCRETE FOUNDATION SHALL BE EITHER OF THE FOLLOWING TYPES:
(a.) 5/8" DIAMETER GALVANIZED STEEL ANCHOR BOLTS, WITH STRAIGHT SHAFT, HEAD AND NUT. TO WITH ASTM F1554, GALVANIZED TO ASTM A-153 AND TO PENETRATE A MINIMUM OF 8" IN TO THE CONCRETE FOUNDATION. MINIMUM A.S.D. TENSION LOAD CAPACITY: 6200 LB. MINIMUM A.S.D. SHEAR LOAD CAPACITY: 3100 LB. ANCHORS SHALL BE INSTALLED STRICTLY FOLLOWING THE SPECIFICATIONS OF THE ANCHOR MANUFACTURER AND THE DETAILS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT.
- 10.- ALL CONCRETE TO DEVELOP A 28 DAY MINIMUM COMPRESSIVE STRENGTH f'c OF 3000 psi. ALL REBARS TO BE ASTM A-615 DEFORMED BARS. ALL CONCRETE CONSTRUCTION TO COMPLY WITH ACI 318-14 AND ACI 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.

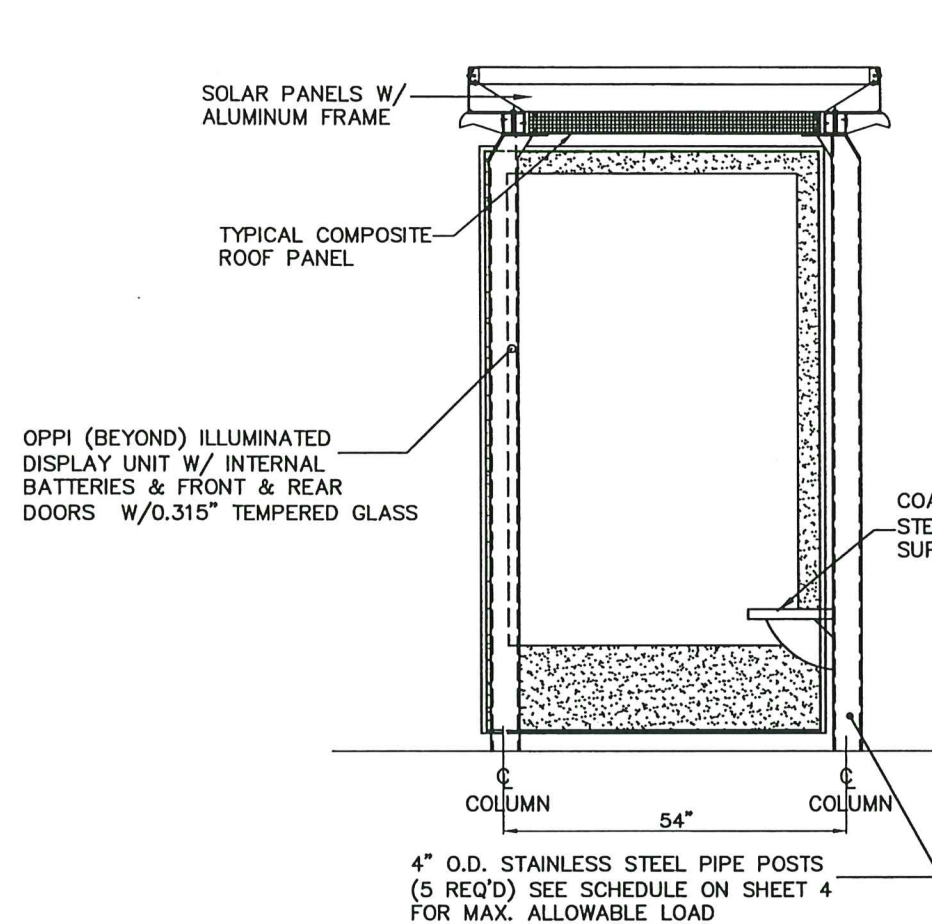
(III) VALID FOR BOTH MIAMI BUS SHELTER & OPPI PAL-LI SOLAR DISPLAY PANEL

- 1.- ALL ELECTRICAL & MECHANICAL DETAILS AND SPECIFICATIONS, AS APPLICABLE, ARE NOT PART OF THIS PRODUCT APPROVAL DOCUMENT. THEY SHALL BE PREPARED A FLORIDA REGISTERED ENGINEER OR ARCHITECT AND SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT IN ORDER TO ISSUE A PERMIT FOR CONSTRUCTION.
- 2.- ALL ZONING DETAILS AND SPECIFICATIONS NEEDED FOR THE LOCATION, USE AND CONSTRUCTION OF BUS SHELTER AND SOLAR ADVERTISING DISPLAY ARE NOT PART OF THIS PRODUCT APPROVAL DOCUMENT AND SHALL BE SUBMITTED SEPARATELY TO THE CORRESPONDING ZONING DEPARTMENT IN ORDER TO ISSUE A PERMIT FOR CONSTRUCTION.
- 3.- MINIMUM SOIL BEARING CAPACITY SHALL BE 2000 P.S.F.
- 4.- ELECTRIC SERVICE DROP CONDUCTORS OR ANY OVERHEAD WIRING SHALL NOT EXIST OR BE INSTALLED OVER ANY PART OF THIS STRUCTURE. CONTRACTOR TO COORDINATE AND VERIFY THE EXISTENCE OF ANY UTILITIES THAT MAY INTERFERE WITH THE CONSTRUCTION AND INSTALLATION OF THE BUS SHELTER OR SOLAR ADVERTISING DISPLAY BEFORE PROCEEDING WITH THE WORK.
- 5.- (a.) THIS PRODUCT APPROVAL DOCUMENT (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 PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c.) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- (d.) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED 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.
- 6.- BUS SHELTER AND OPPI PAL-LI SOLAR ADVERTISING UNIT SHALL BE BONDED AND/OR GROUNDED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- 7.- FINISH COLOR FOR MIAMI BUS SHELTER & OPPI PAL-LI SOLAR DISPLAY PANEL IS NOT PART OF THIS APPROVAL, BUT SHALL BE DEFINED AS PER AGREEMENT BETWEEN MANUFACTURER AND OWNER OF BUS SHELTER/OPPI.
8. THIS DRAWING IS A GENERIC STRUCTURAL DRAWING AND DOES NOT CONSTITUTE AT ALL A SHOP DRAWING FOR THE DIRECT MANUFACTURING OF THIS BUS SHELTER.
9. LABELING OF THIS PRODUCT SHALL COMPLY W/ MIAMI DADE COUNTY REGULATIONS AND THE FLORIDA BUILDING CODE.

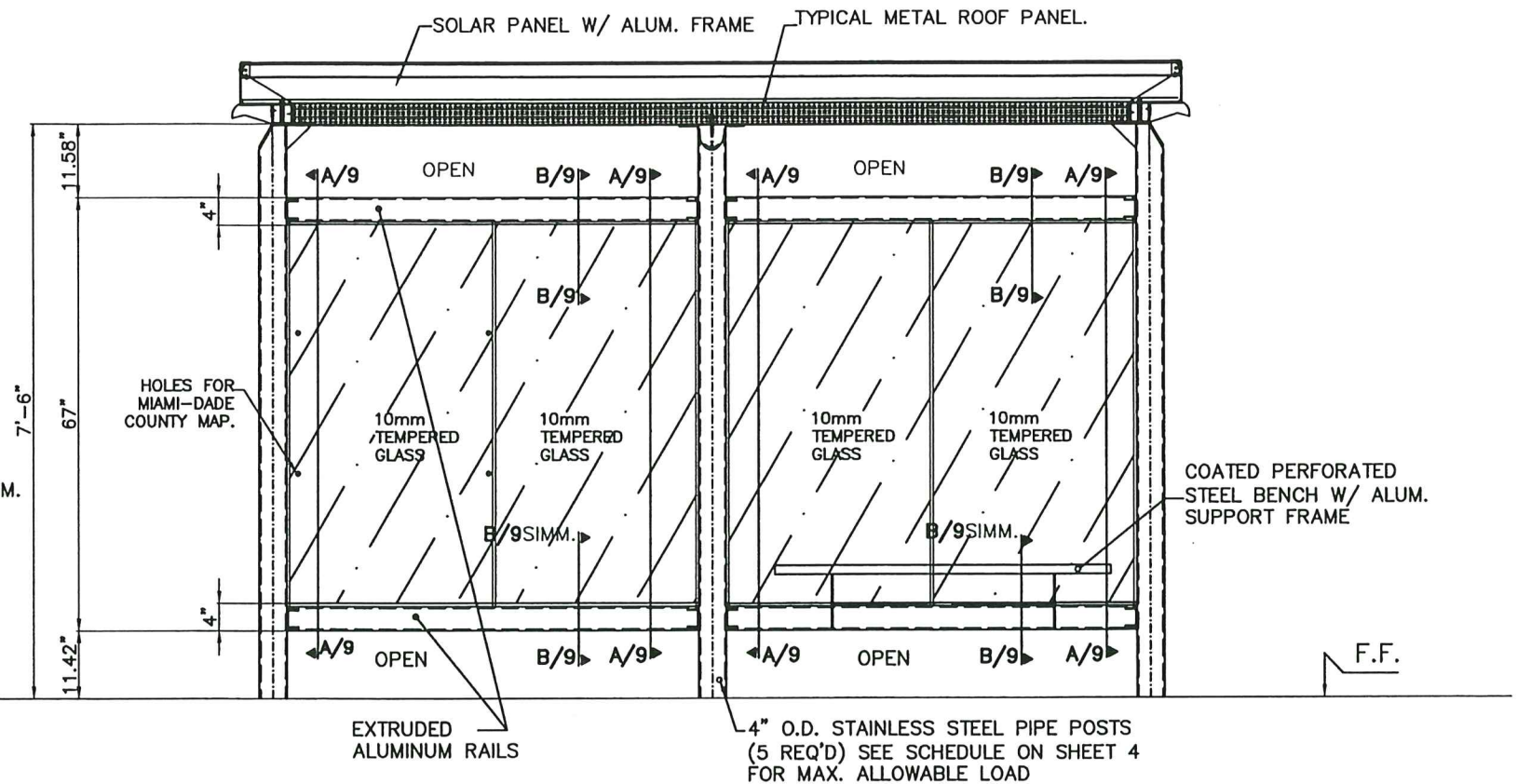
PRODUCT REVISED
as complying with the Florida:
Building Code
Acceptance No 23-0816.23
Expiration Date 10/22/2025
By Healy, M. M.
Miami Dade Product Control



MIAMI DADE COUNTY			MIAMI BUS SHELTER & OPPI PAL-LI SOLAR DISPLAY PANEL	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136	DRAWING BY: Y.M.	
					7/21/2023	
P.E. SEAL/SIGNATURE/DATE		TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone:(305)871-1530. Fax:(305)871-1531 e-mail: tillitco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	GENERAL NOTES	DATE:		
				23-121		
				DRAWING No.		
				1 7/21/23	OLD 20-032	SHEET 1 OF 33
				No. Date:	Description:	
				Revisions		

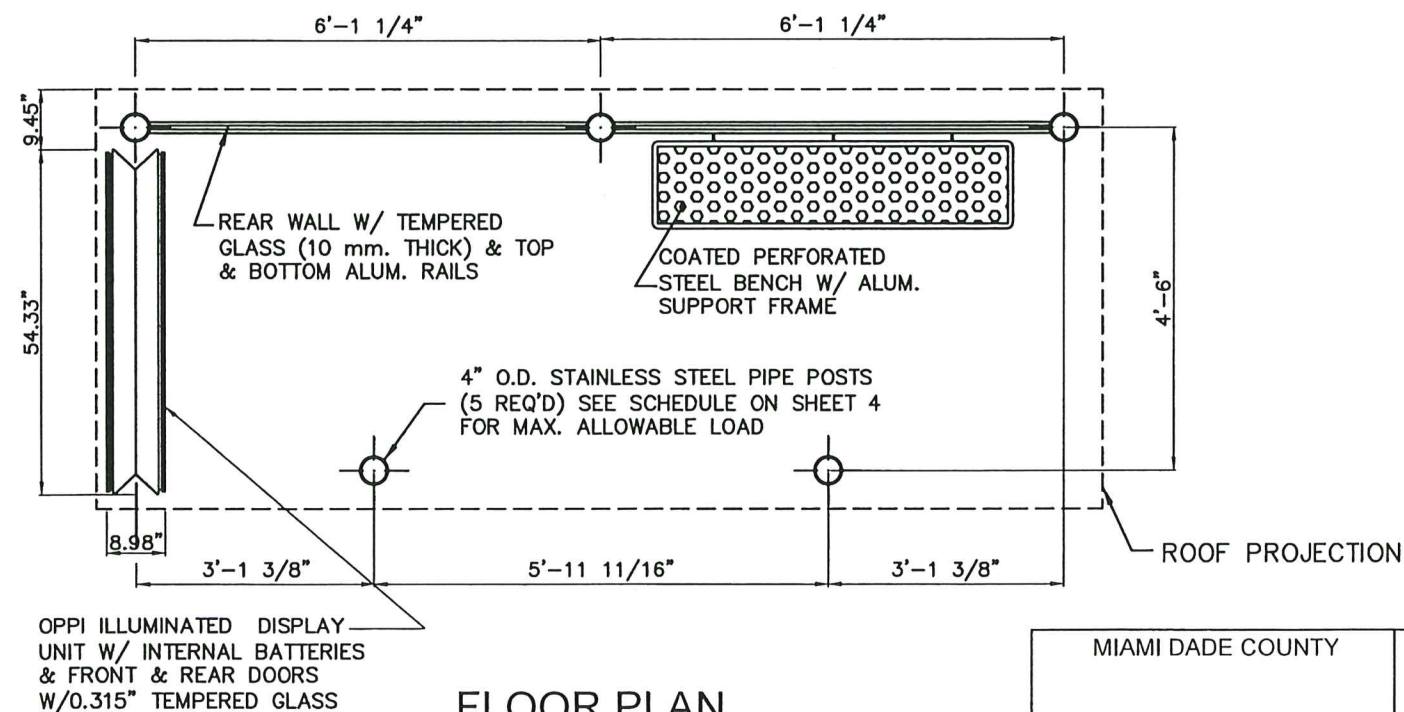


RIGHT SIDE ELEVATION

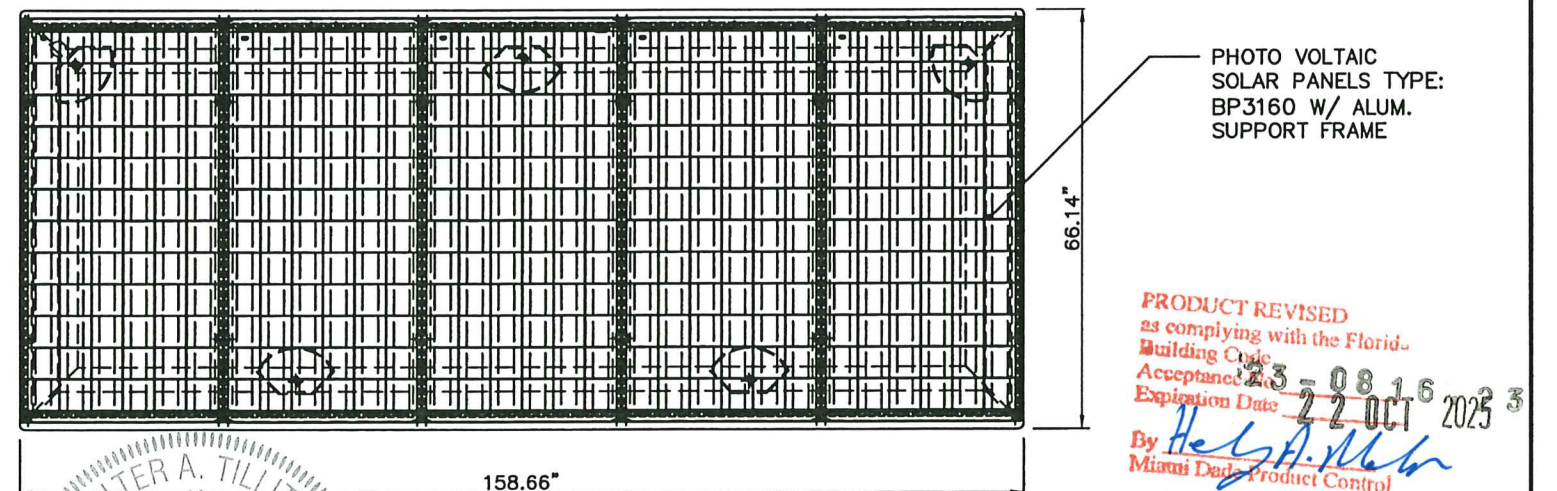


REAR WALL ELEVATION

NOTE : OPPI ILLUMINATED DISPLAY
DO NOT SHOWN FOR CLARITY



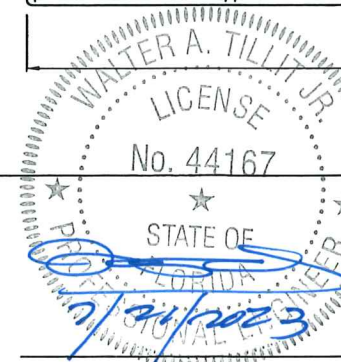
FLOOR PLAN



ROOF PLAN

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance Date 12-23-08
Expiration Date 12-23-16
By *Heidi A. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

DATE:

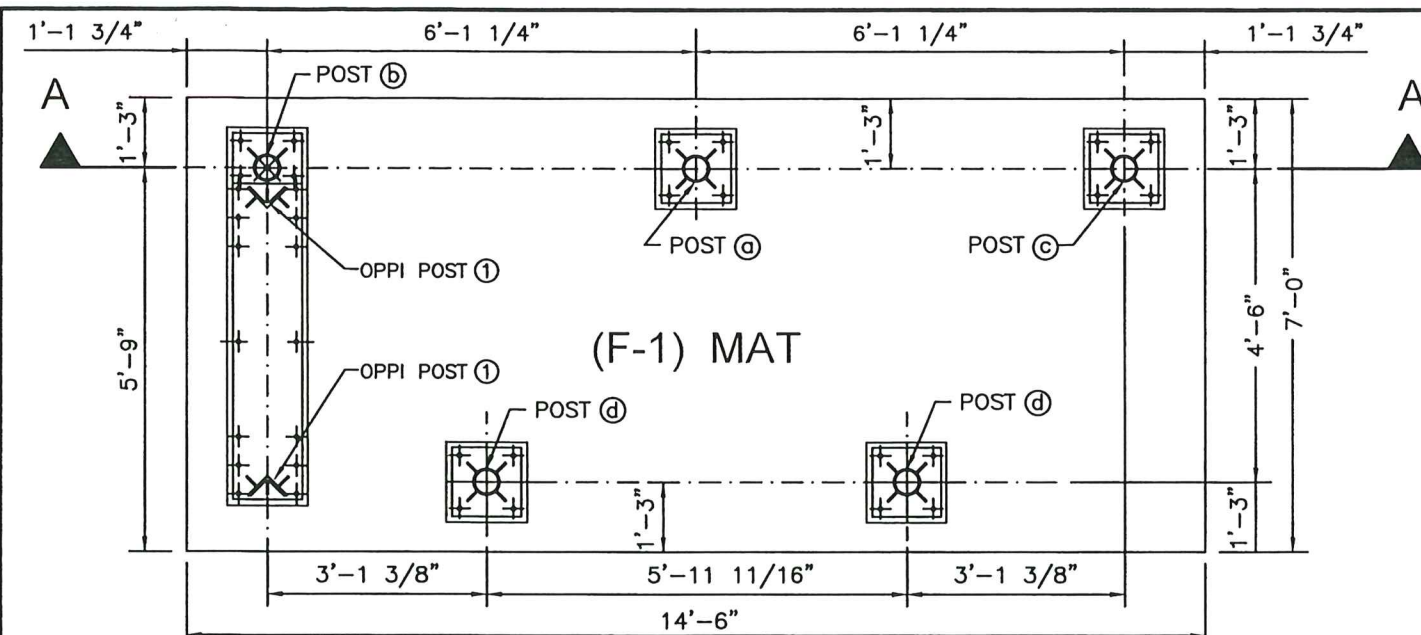
23-121

DRAWING No.

SHEET 2 OF 33

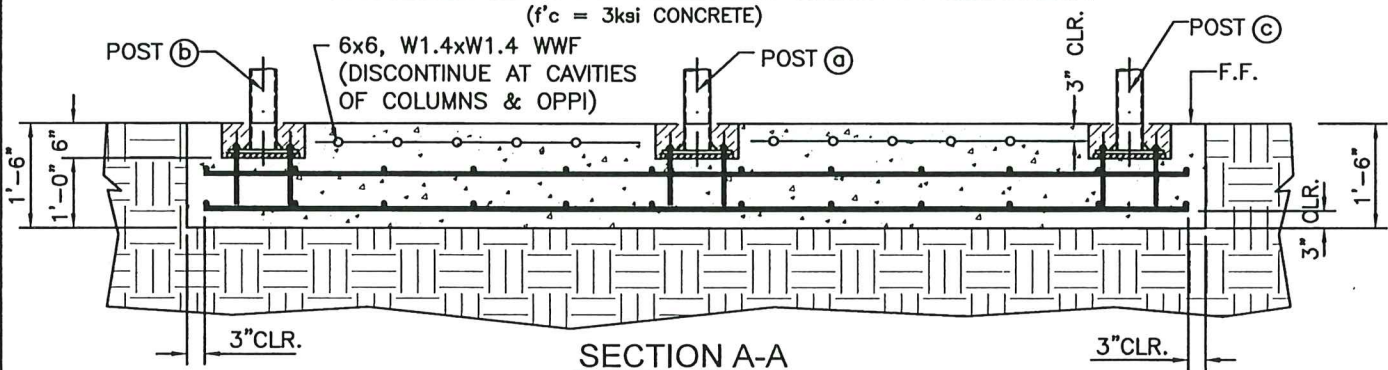
PLANS & ELEVATIONS

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



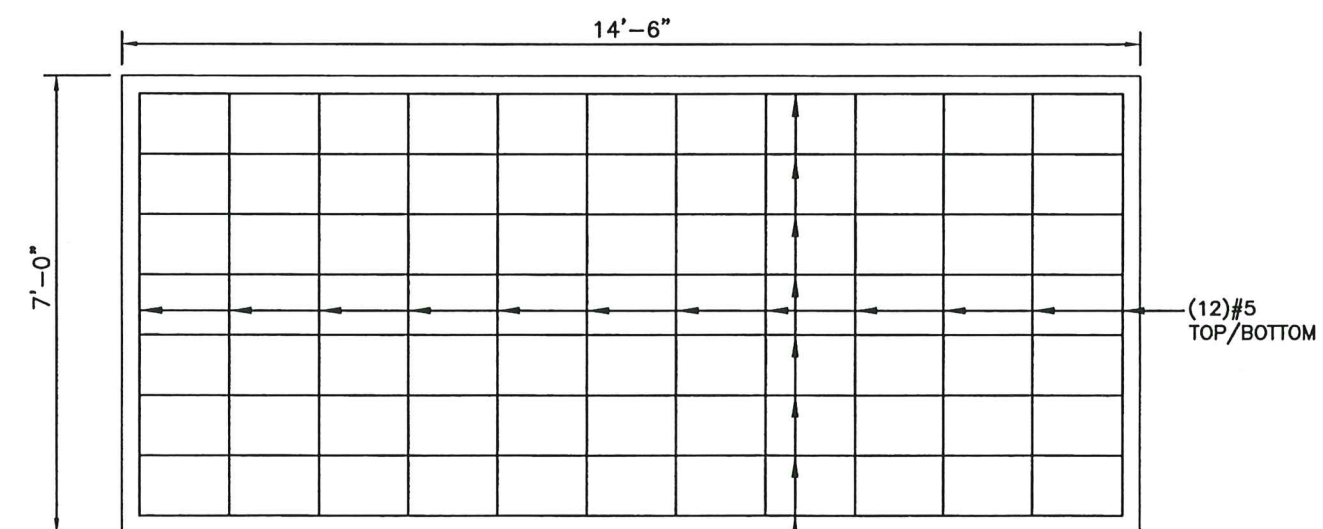
MAT FOUNDATION PLAN BUS SHELTER & OPPI

(f'c = 3ksi CONCRETE)



SECTION A-A

SCALE: 3/8"=1'-0"



DETAIL 1

TOP / BOTTOM REINFORCEMENT FOR 18" THICK CONCRETE MAT. (TOP WWF NOT SHOWN FOR CLARITY)

(8) #5 TOP/BOTTOM

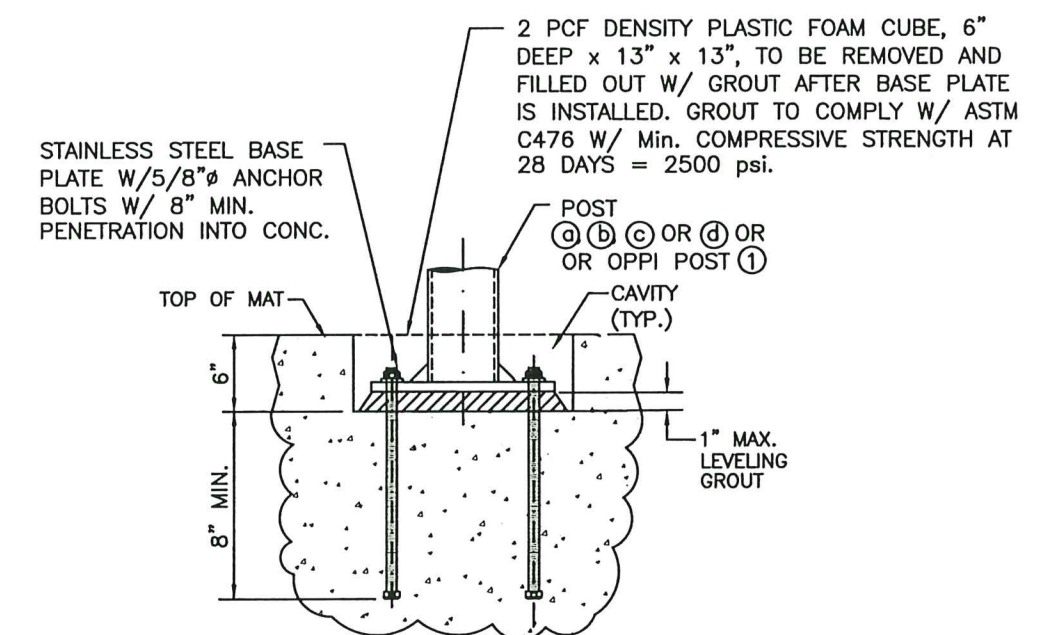
(12) #5 TOP/BOTTOM

FOUNDATION NOTES:

- 1.-THE ELEVATION OF CAVITIES LEFT FOR POST'S BASE PLATES (SEE DETAILS) SHALL BE A MINIMUM OF 6" BELOW THE TOP OF THE BUS SHELTER FINISHED FLOOR SLAB.
- 2.-REINFORCEMENT STEEL SHOULD BE AS INDICATED ON FOOTING SCHEDULE:
- 3.-SEE GENERAL NOTES ON SHEET 1 OF 33 FOR ADDITIONAL SPECIFICATIONS & NOTES.
- 4.-SEE SHEETS 6, 7 & 8 FOR POST/BASE, PLATE SPECIFICATIONS FOR BUS SHELTER. SEE SHEETS 22 & 23 FOR OPPI BASE PLATE SPECIFICATIONS.

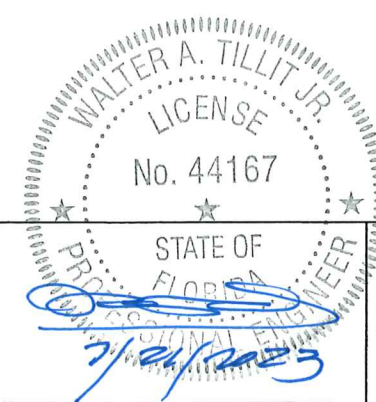
FOOTING SCHEDULE

NUMBER	DIMENSION (WxL)	DEPTH	STEEL REINFORCEMENT
F-1	7'-0"x14'-6"	1'-6"	(12) #5 @ 16" MAX. O.C. @ 14'-6" DIRECTION, TOP / BOTTOM. & (8) #5 @ 11" MAX. O.C. 7'-0" DIRECTION, TOP / BOTTOM.



TYPICAL POST/ OPPI POST CONNECTION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By *H. A. Tillit Jr.*
Miami Dade Product Control



P.E. SEAL/SIGNATURE/DATE

MIAMI DADE COUNTY

TILTECO INC.
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BUS SHELTER
MIAMI

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DRAWING BY:
Y.M.

7/21/2023

DATE:

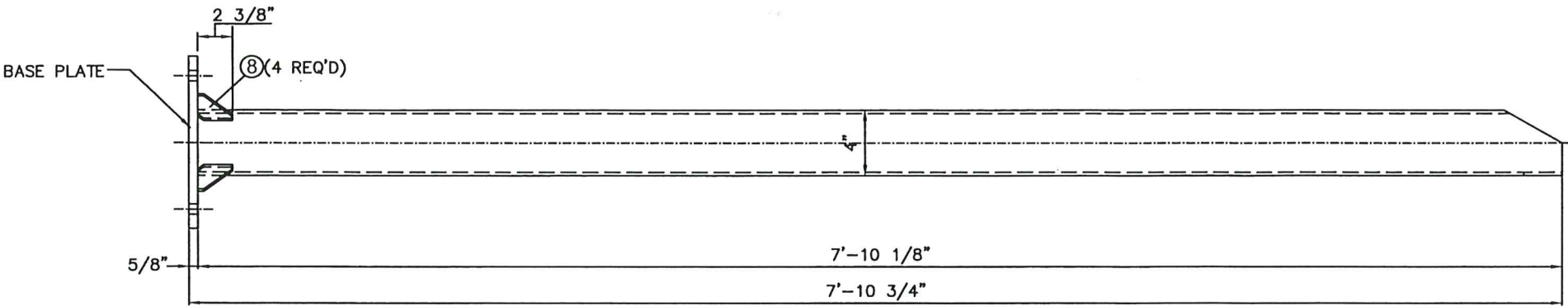
FOUNDATION PLAN
& SCHEDULE

1	7/21/23	OLD 20-032
No.	Date	Description
		Revisions

23-121
DRAWING No.

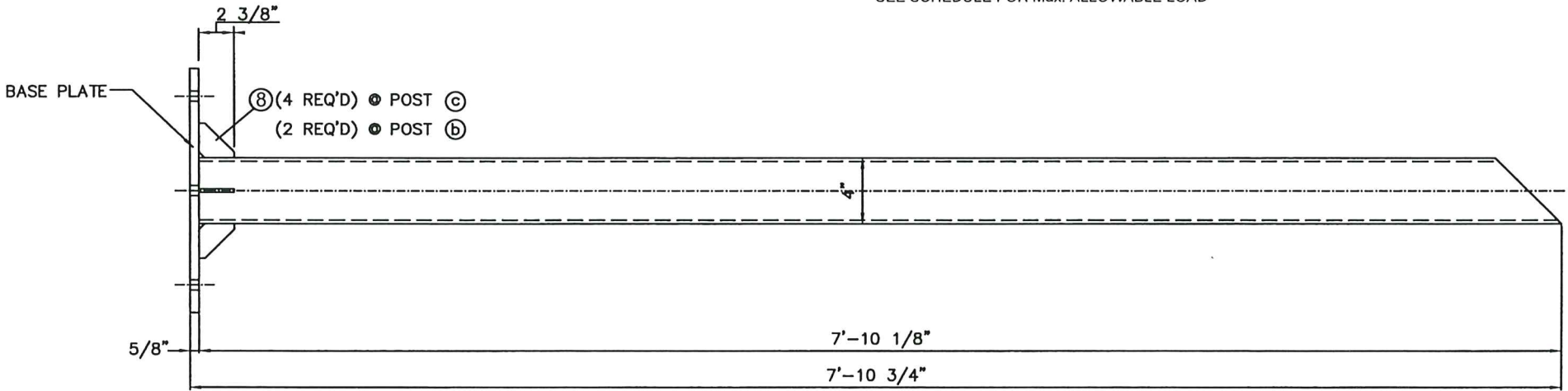
SHEET 3 OF 33

POST SCHEDULE



① POST TYPE A

SCALE: 1.15" = 1'-0"
VALID FOR POSTS ① AND ② (SEE SHEETS 6 & 8)
4" O.D. PIPE, STAINLESS STEEL
SEE SCHEDULE FOR Max. ALLOWABLE LOAD



② POST TYPE B

SCALE: 1.15" = 1'-0"
VALID FOR POSTS ③ AND ④ (SEE SHEET 7)
4" O.D. PIPE, STAINLESS STEEL
SEE SCHEDULE FOR Max. ALLOWABLE LOAD

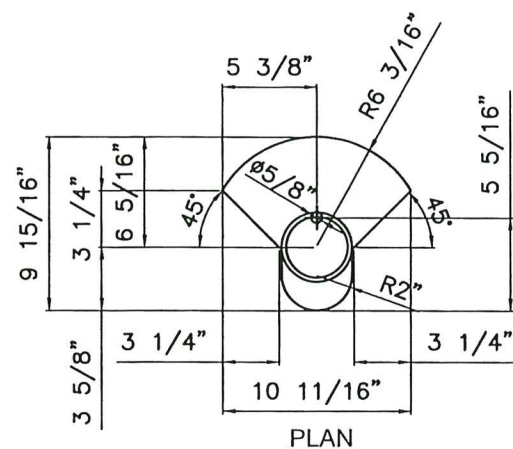
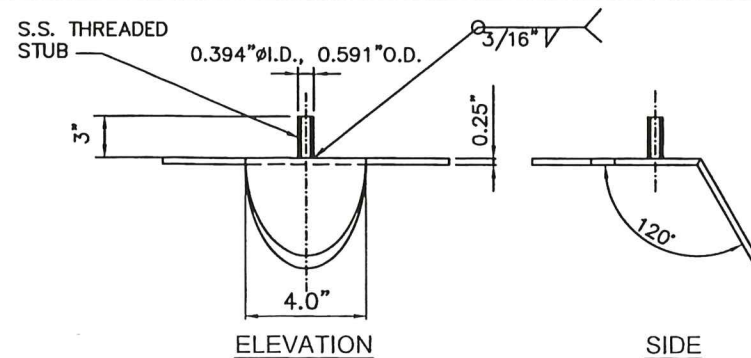
REQ'D PIPE SIZE & TYPE BASED ON EXPOSURES C OR D	MAX. A.S.D. DESIGN PRESSURE RATING (psf)	
	ROOF	REAR WALL
4" O.D. SCHEDULE 40 FOR INSTALLATIONS ONLY WITHIN EXPOSURE C, BASED ON ASCE 7	± 72.0	+ 45.0, -55.0
4" O.D. SCHEDULE 80 FOR INSTALLATIONS WITHIN EXPOSURES C OR D, BASED ON ASCE 7	± 80.0	+ 50.0, -61.0

BUS SHELTER POST COMPONENTS

NOTE: SEE COMPONENT ⑧ ON SHEET 5

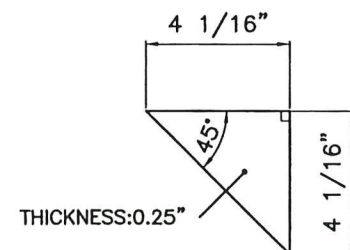
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816.23
Expiration Date 22 OCT 2025
By H. G. A. Miller
Miami Data Product Control

MIAMI DADE COUNTY	 <
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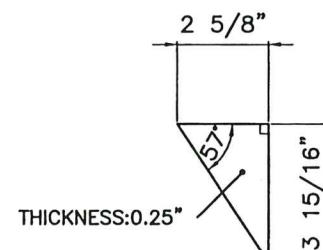
③ POST CAP PLATE TYPE A

VALID FOR POSTS (a) & (d)
REQUIRES:(3) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.



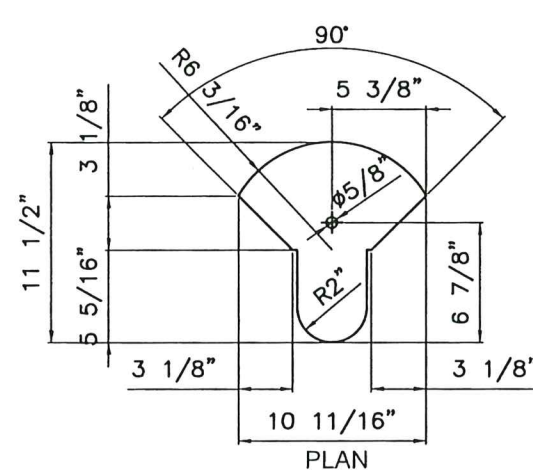
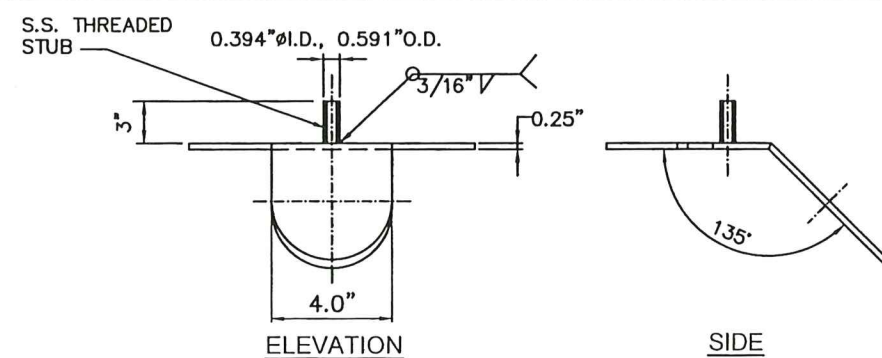
⑥ POST CAP PLATE GUSSET

VALID FOR POSTS (b) & (c)
REQUIRES:(2) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.



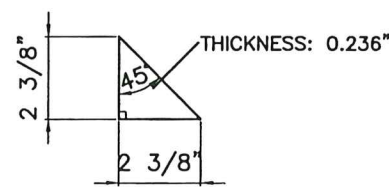
⑦ POST CAP PLATE GUSSET

VALID FOR POSTS (a) & (d)
REQUIRES:(3) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.



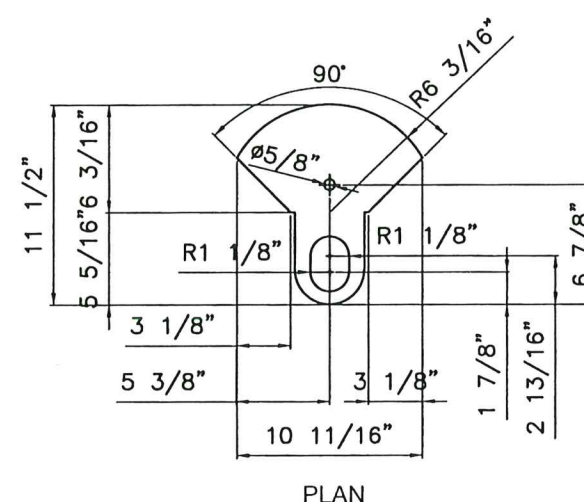
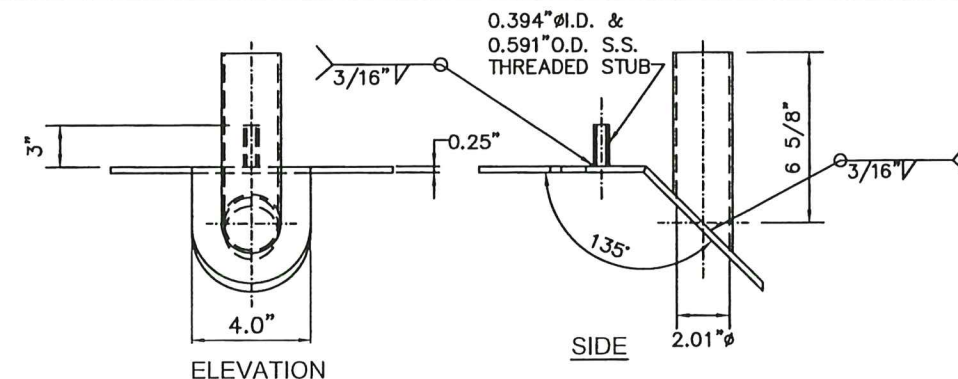
④ POST CAP PLATE TYPE B

VALID FOR POSTS (c)
REQUIRES:(1) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.



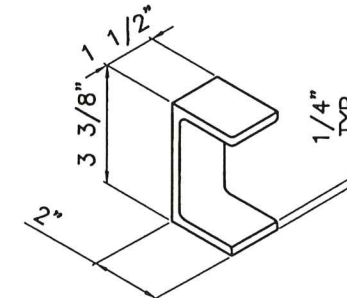
⑧ POST BASE PLATE GUSSET

REQUIRES:(20) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.



⑤ POST CAP PLATE TYPE C

VALID FOR POSTS (b)
REQUIRES:(1) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.



⑨ POST BRACKET FOR REAR WALL

REQUIRES:(2) PER POST
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816.23
Expiration Date 22 OCT 2025
By *H. G. H. H.*
Miami Dade Product Control

BUS SHELTER POST COMPONENTS

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

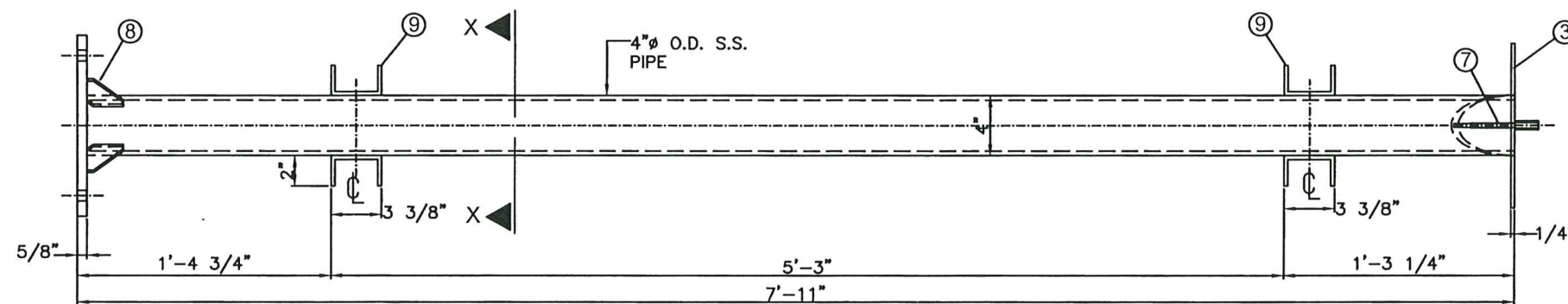
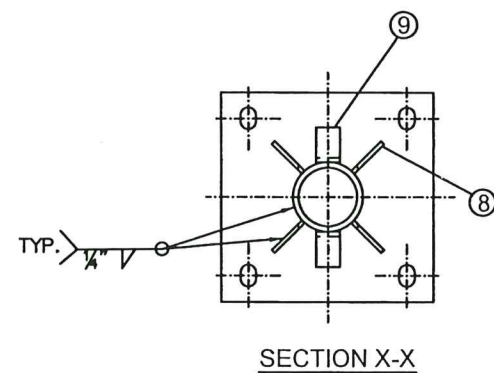
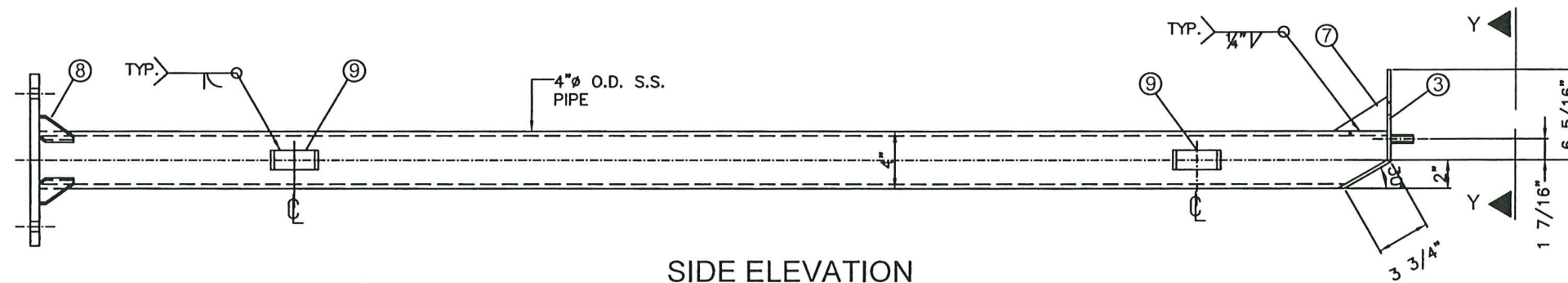
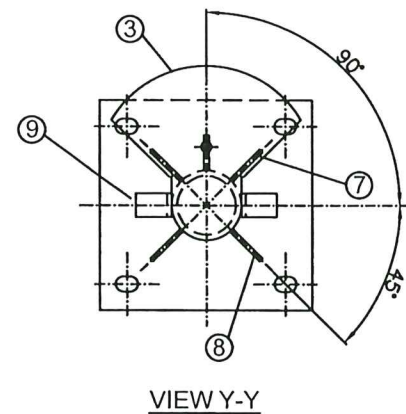
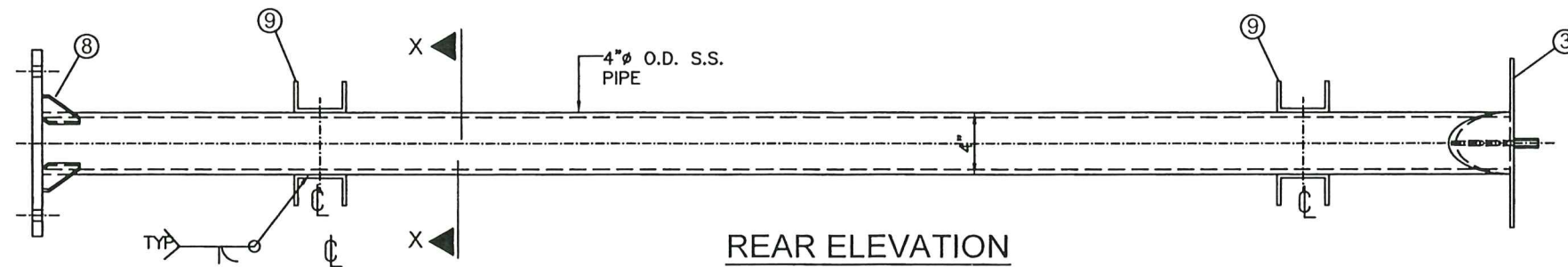
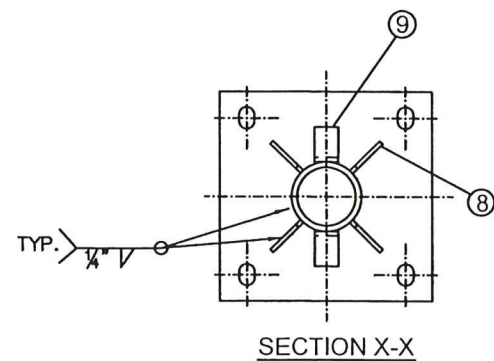
DATE:

23-121
DRAWING No.

SHEET 5 OF 33

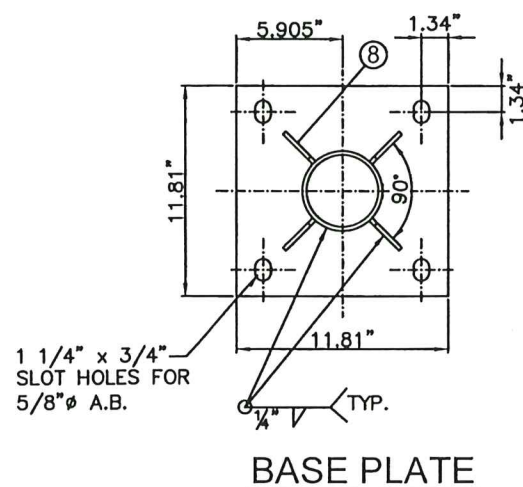
POST COMPONENTS

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revision:



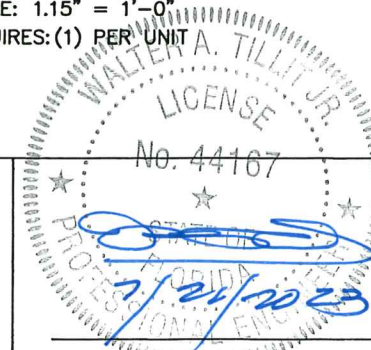
a) REAR CENTER POST

SCALE: 1.15" = 1'-0"
REQUIRES: (1) PER UNIT



PRODUCT REVISED
as complying with the Florida
Building Code '23-0816.23
Acceptance No. 22 OCT 2025
By *Hely A. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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Phone: (305) 871-1530. Fax: (305) 871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

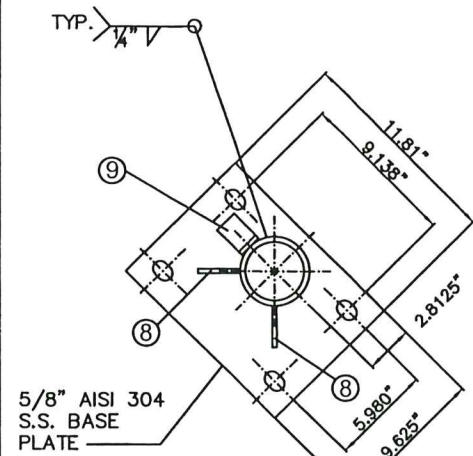
DATE:

23-121
DRAWING No.

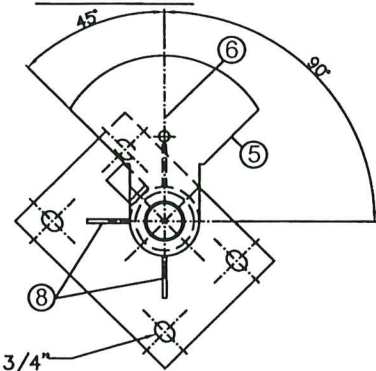
SHEET 6 OF 33

POST ELEVATIONS

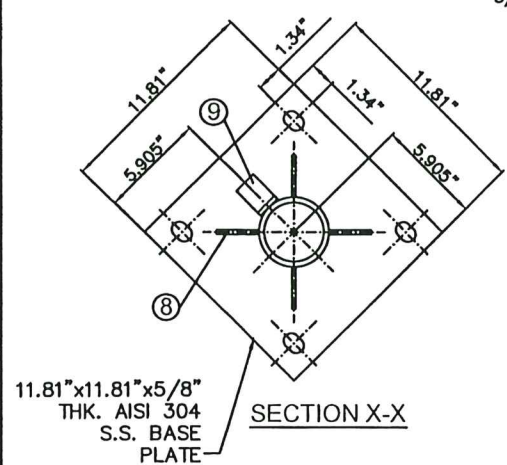
1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



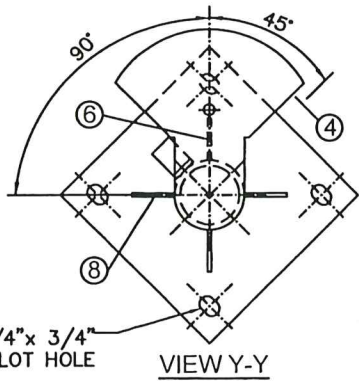
SECTION X-X



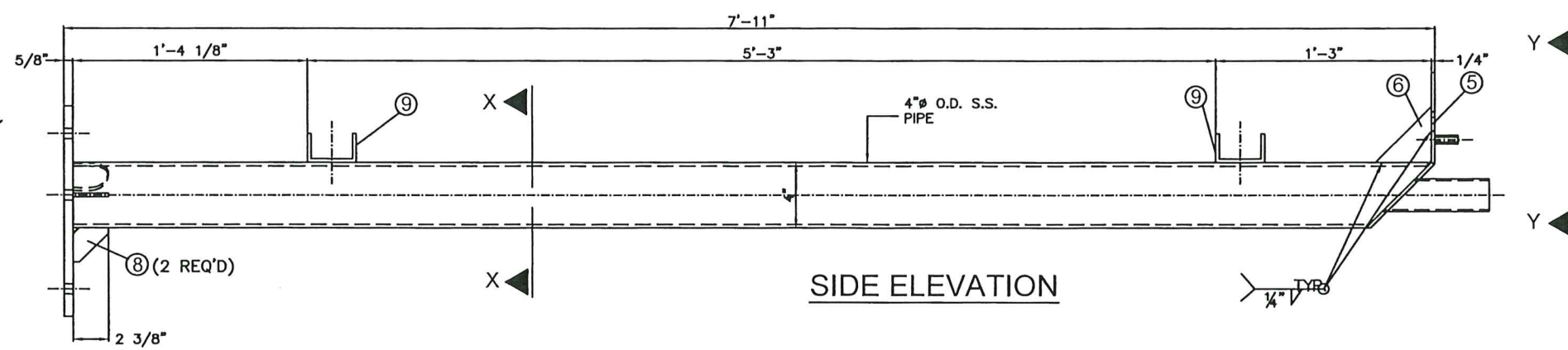
VIEW Y-Y



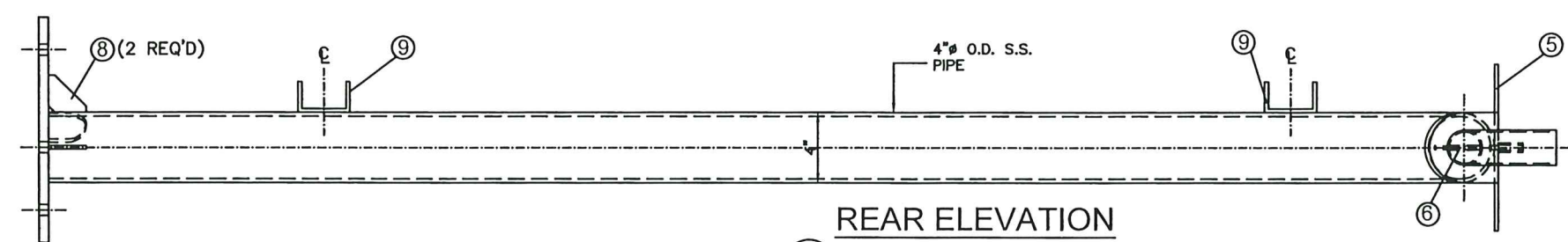
SECTION X-X



VIEW Y-Y

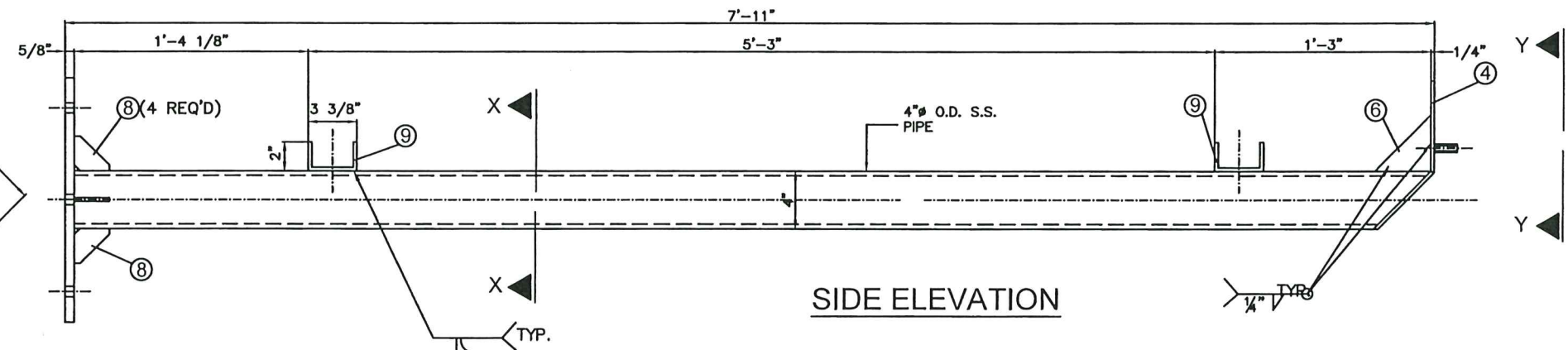


SIDE ELEVATION

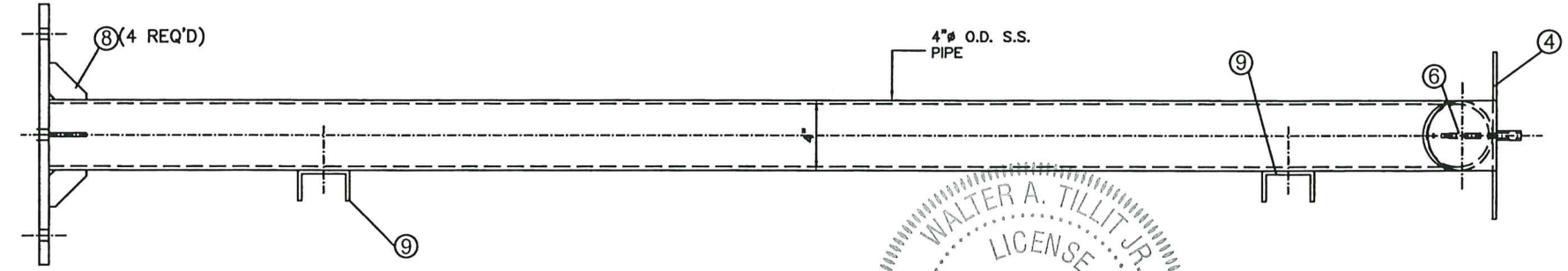


REAR ELEVATION

(b) REAR LEFT POST
REQUIRES: (1) PER UNIT



SIDE ELEVATION

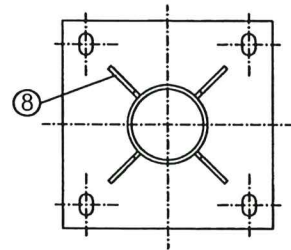


REAR ELEVATION

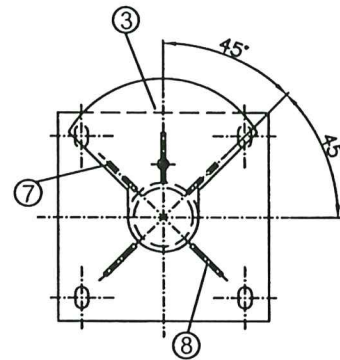
(c) REAR RIGHT POST
REQUIRES: (1) PER UNIT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0816.23
Expiration Date 22 OCT 2025
By *H. A. Miller*
Miami Dade Product Control

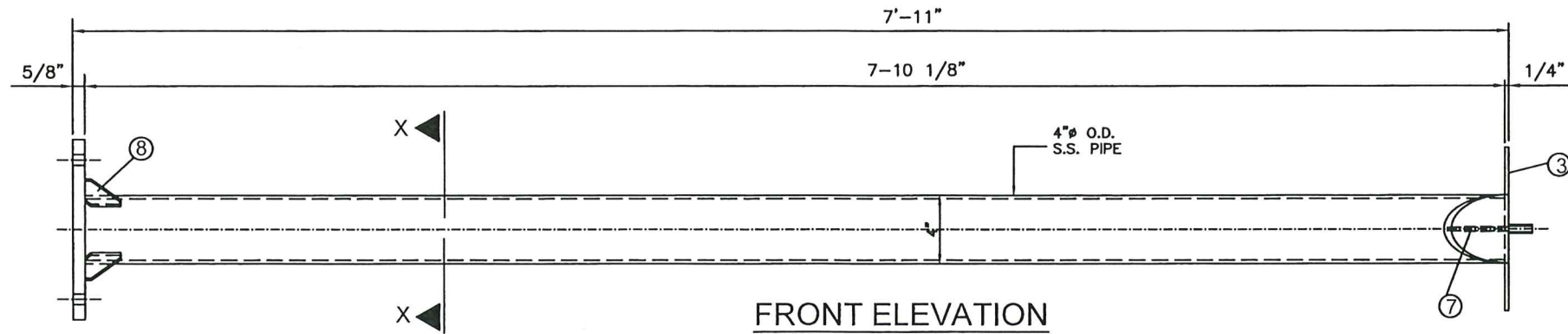
MIAMI DADE COUNTY	 P.E. SEAL/SIGNATURE/DATE	 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone:(305)871-1530. Fax:(305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	BUS SHELTER MIAMI	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136		DRAWING BY: Y.M.
			POST ELEVATIONS	1 7/21/23 OLD 20-032		7/21/2023
		DATE:				
No. Date: Description: Revisions		23-121 DRAWING No. SHEET 7 OF 33				



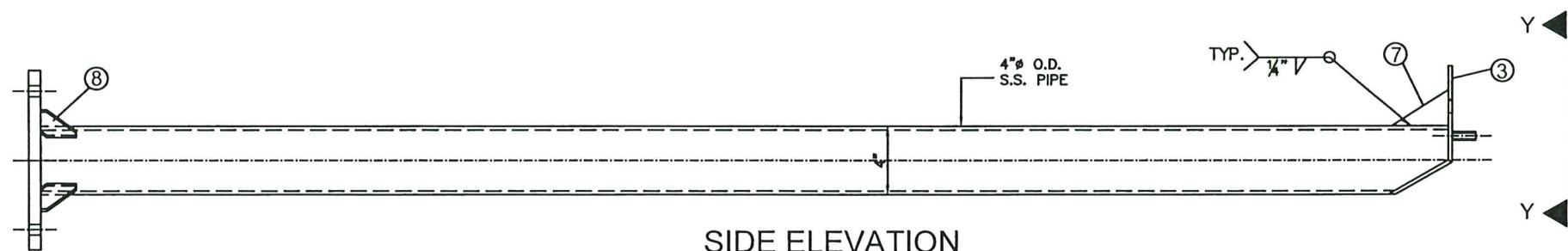
SECTION X-X



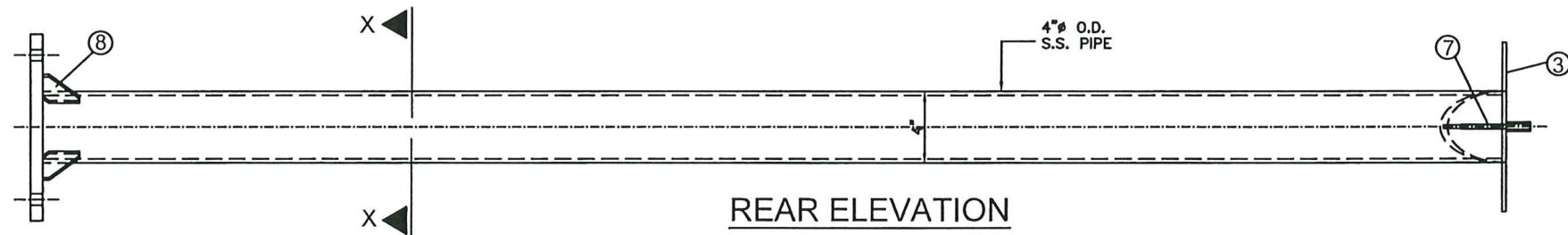
VIEW Y-Y



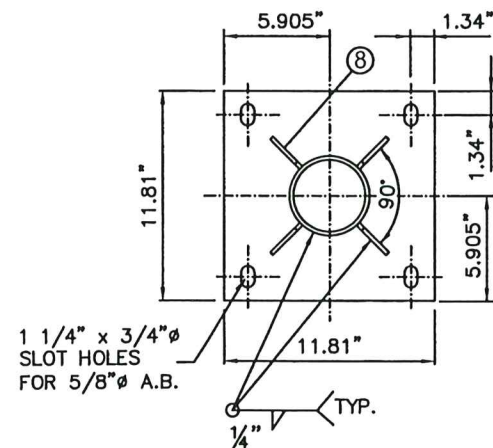
FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION



BASE PLATE

(d) FRONT POST

SCALE: 1.15" = 1'-0"
REQUIRES: (2) PER UNIT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816.23
Expiration Date 22 OCT 2025
By *H. A. Tillit Jr.*
Miami Data Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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BUS SHELTER
MIAMI

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DRAWING BY:
Y.M.

7/21/2023

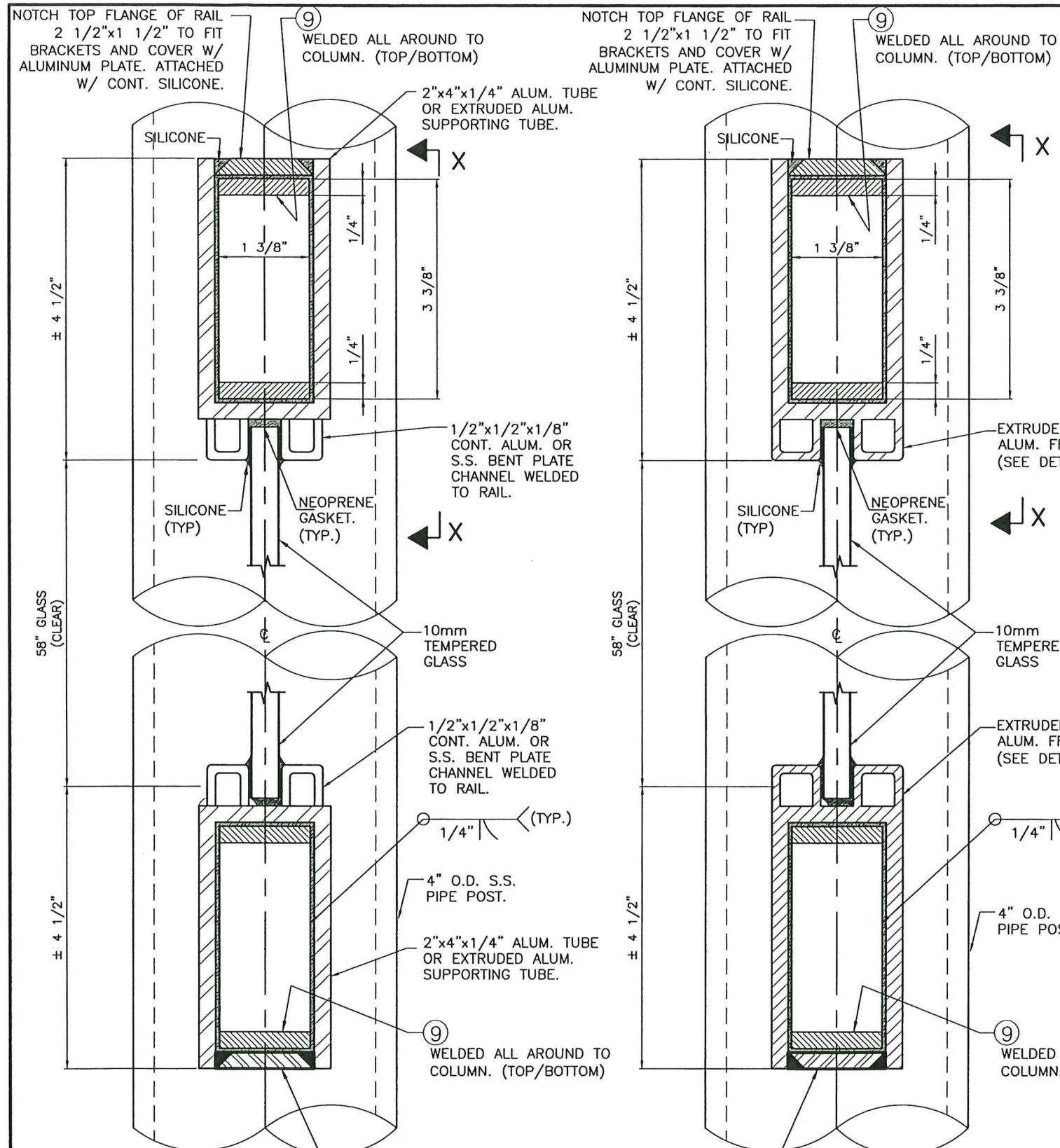
DATE:

23-121
DRAWING No.

SHEET 8 OF 33

POST ELEVATIONS

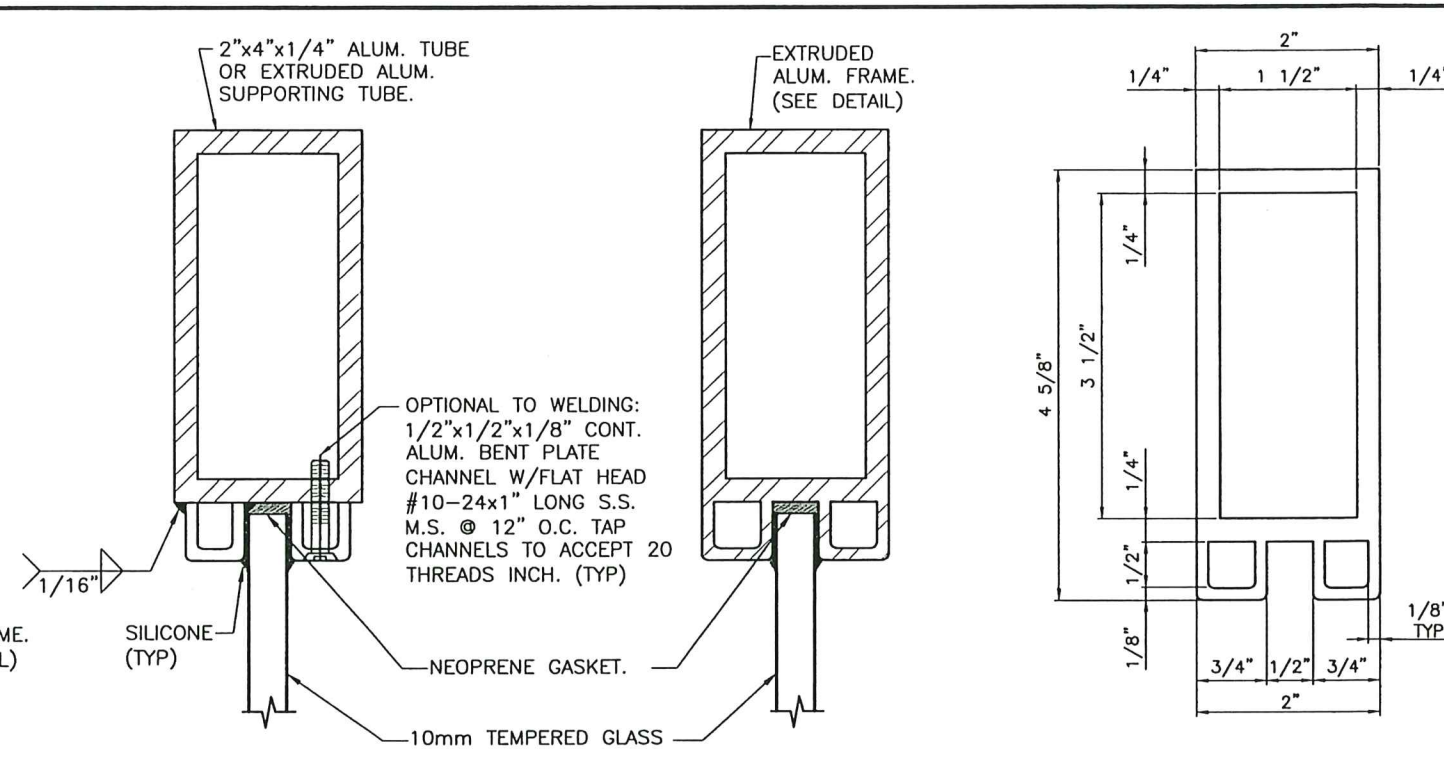
1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



ALTERNATE # 1

ALTERNATE # 2

SECTION A-A

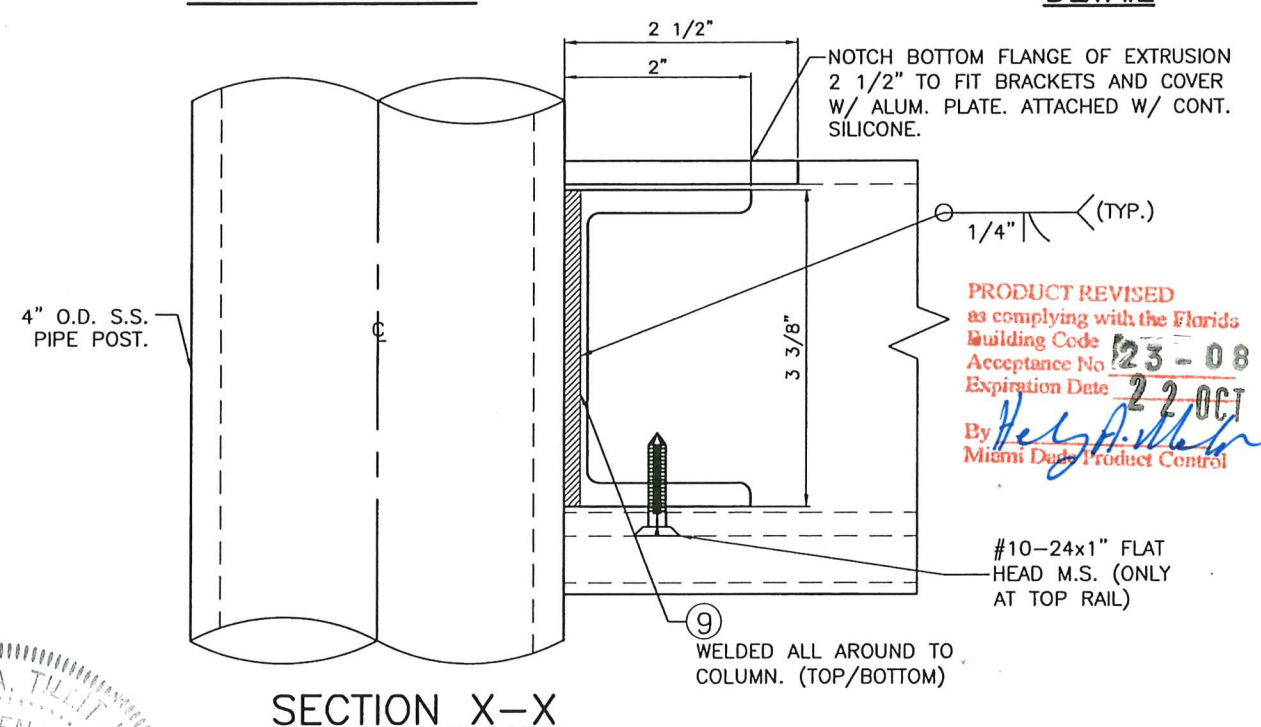


ALTERNATE # 1

ALTERNATE # 2

SECTION B-B

EXTRUDED ALUM. SUPPORTING TUBE DETAIL



SECTION X-X

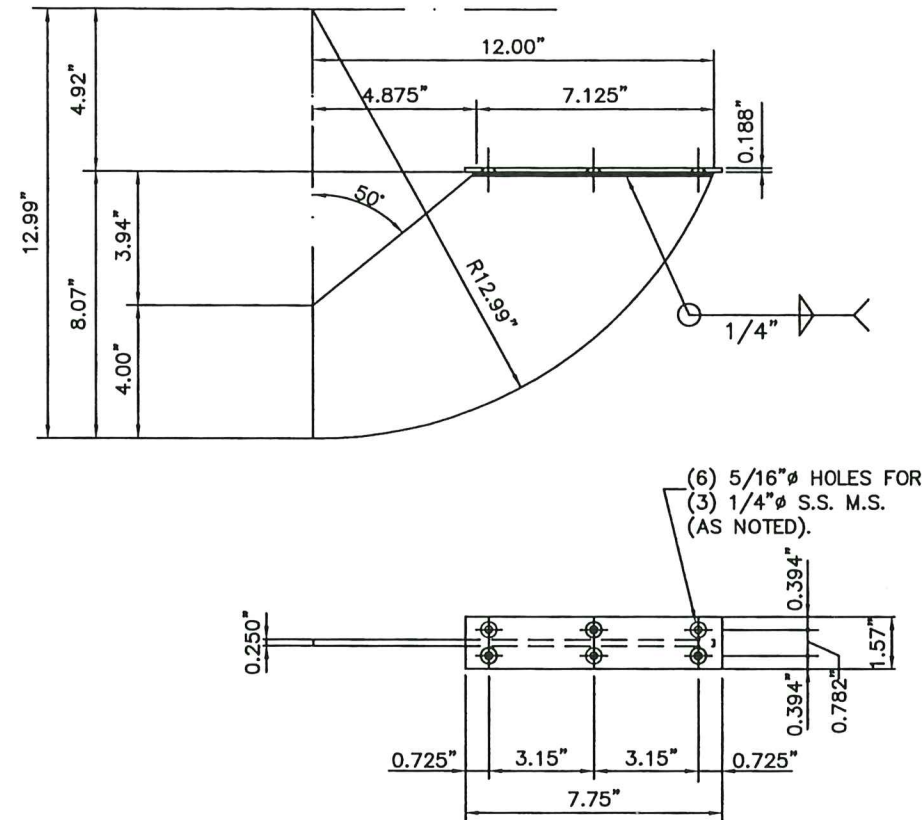
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By *[Signature]*
Miami Dade Product Control

MIAMI DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
7/21/2023
P.E. SEAL/SIGNATURE/DATE

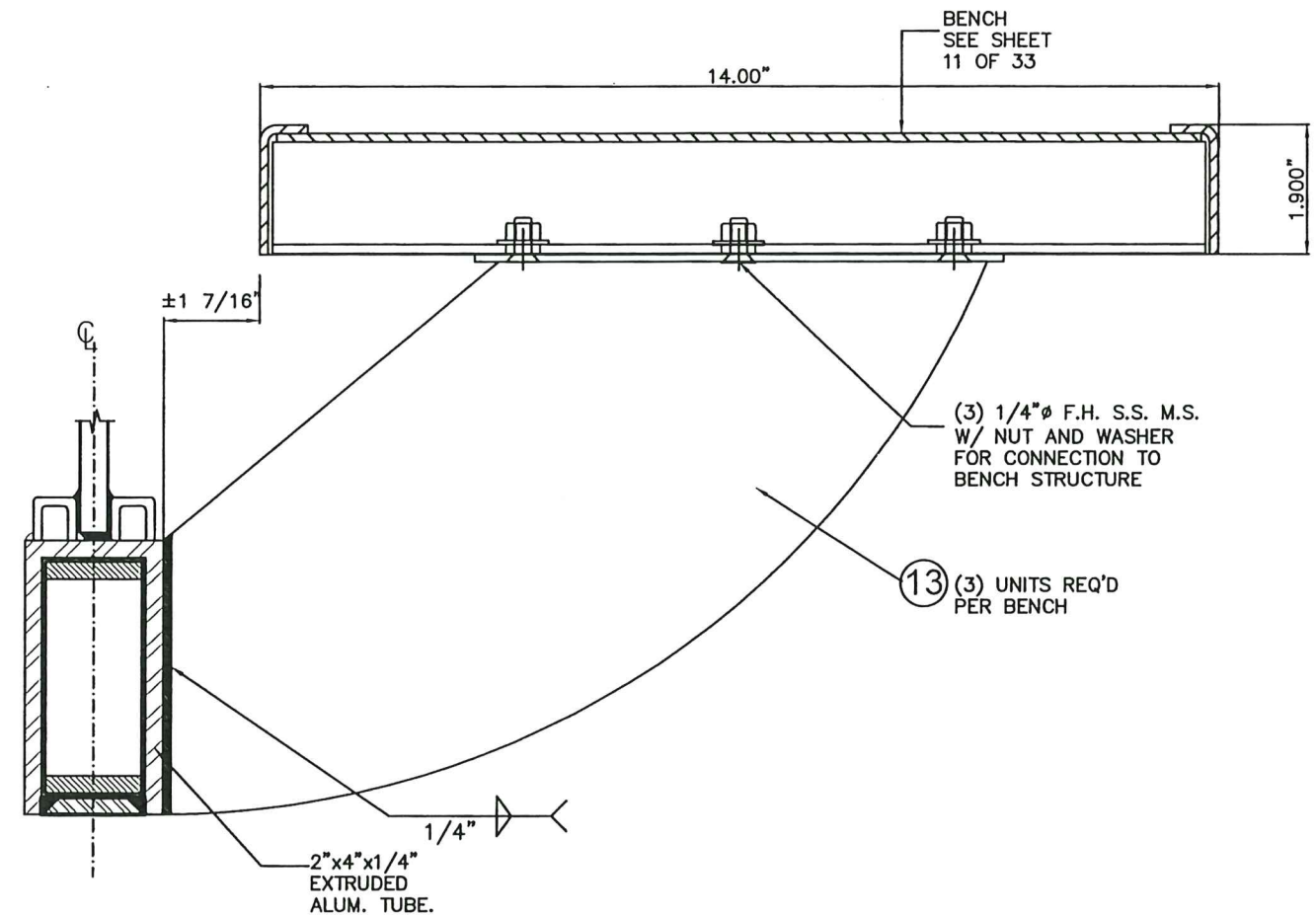
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
VIRGINIA GARDENS, FL 33166
Phone: (305) 871-1530, Fax: (305) 871-1531
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FLORIDA Lic. # 44167

BUS SHELTER MIAMI	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136		DRAWING BY: Y.M.
	7/21/2023		DATE:
REAR WALL SECTIONS	1 7/21/23	OLD 20-032	23-121
	Description: Revisions		DRAWING No.
			SHEET 9 OF 33



13 BENCH SUPPORT BRACKET

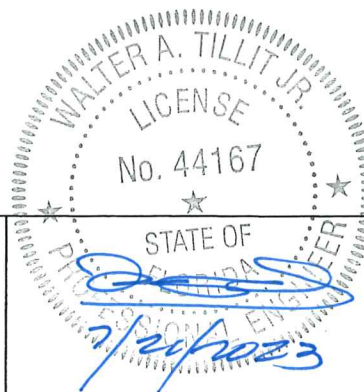
MATERIAL: 5052-H32 or 6063-T6
ALUM. ALLOY WELDED PLATES
REQUIRES: (3) PER UNIT



ASSEMBLY BENCH TO BOTTOM RAIL SECTION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 7/27 OCT 2025
By *Hely A. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

BEAM SUPPORT
COMPONENTS

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

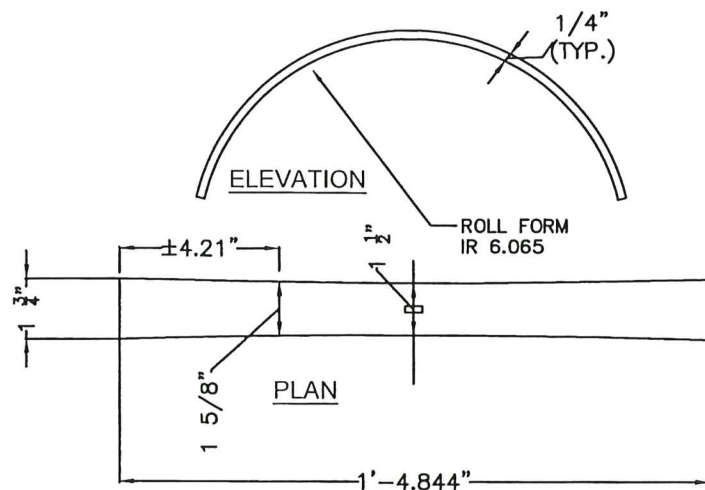
7/21/2023

DATE:

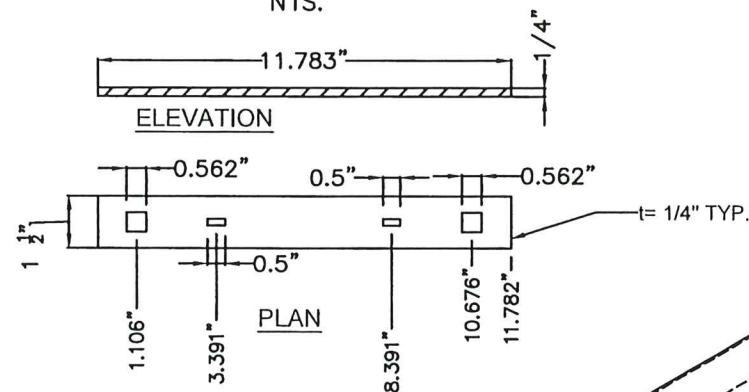
23-121
DRAWING No.

SHEET 10 OF 33

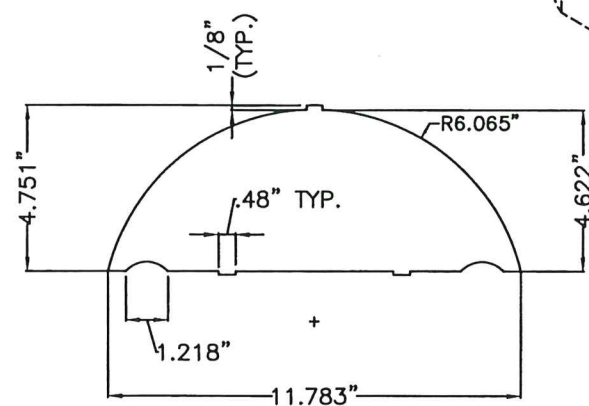
1	7/21/23	OLD 20-032
No.	Date:	Description:
Revisions		



ITEM "A" : TOP ARCHED PLATE
NTS.

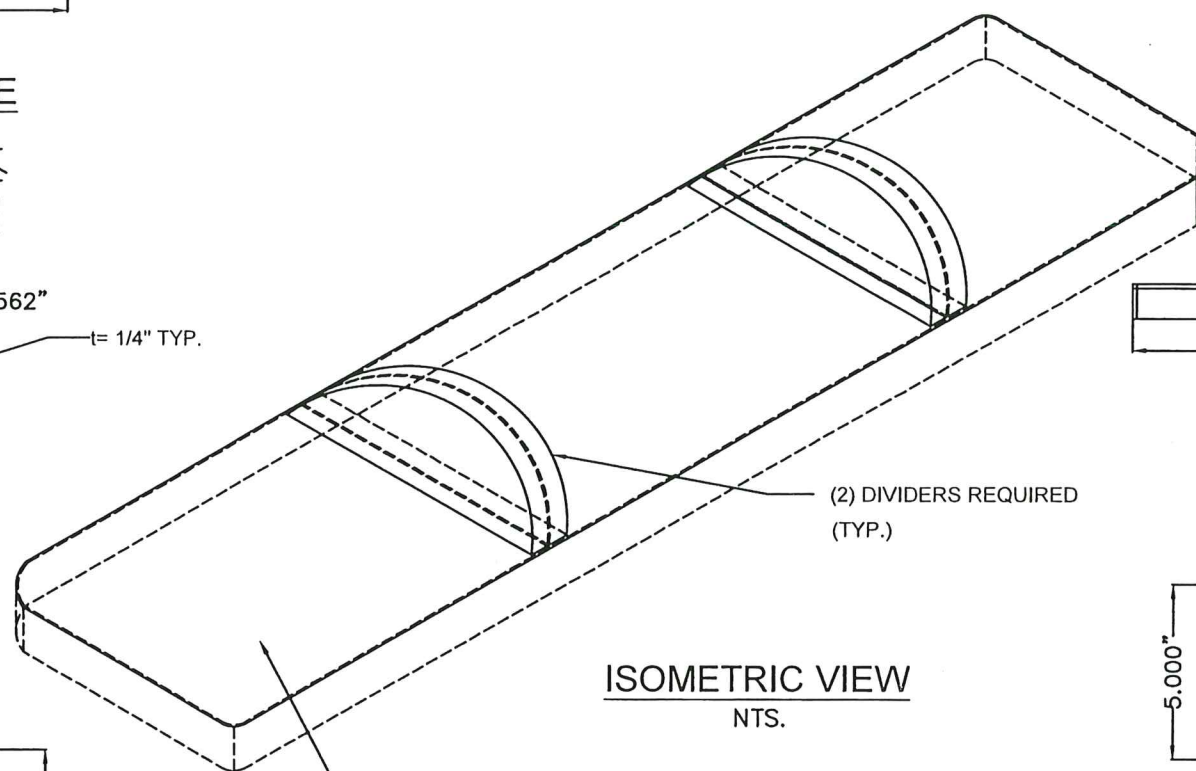


ITEM "B" : BASE PLATE
NTS.

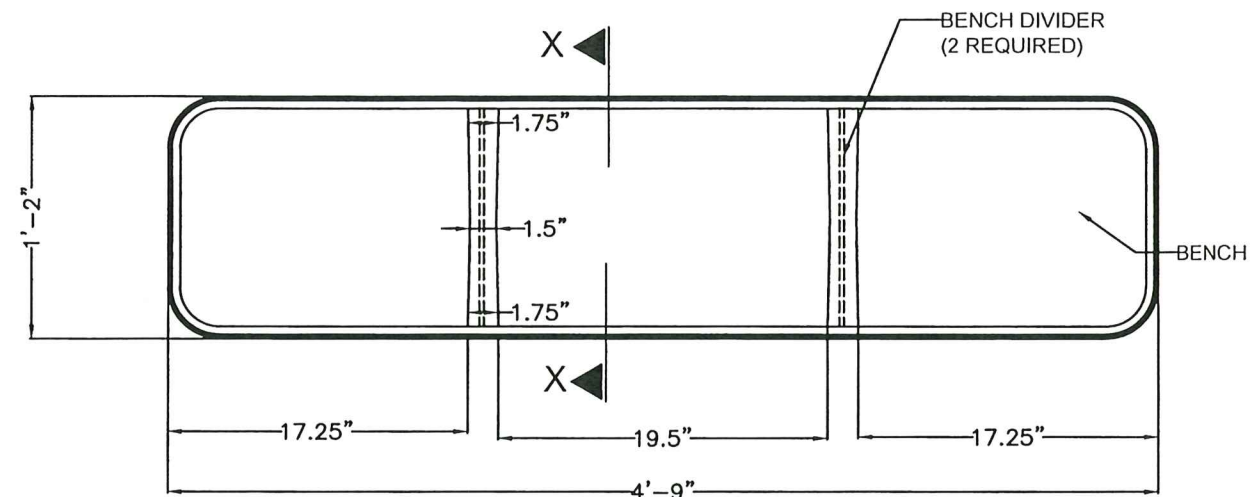


ITEM "C" : WEB PLATE
NTS.

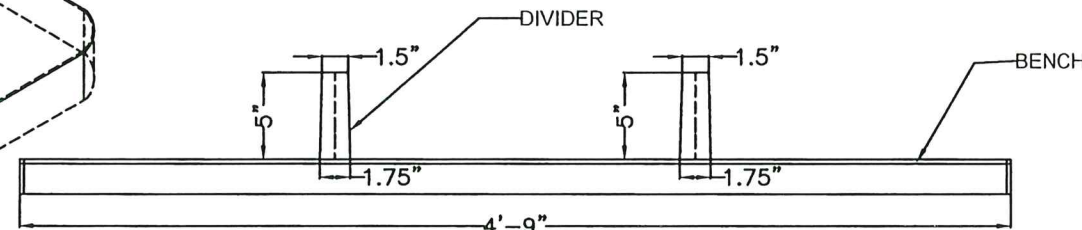
BENCH DIVIDER 5052-H32 ALUMINUM ALLOY



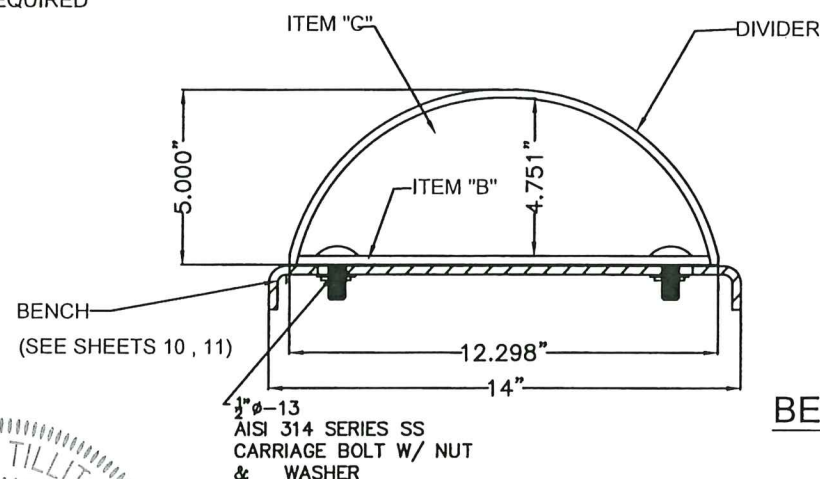
ISOMETRIC VIEW
NTS.



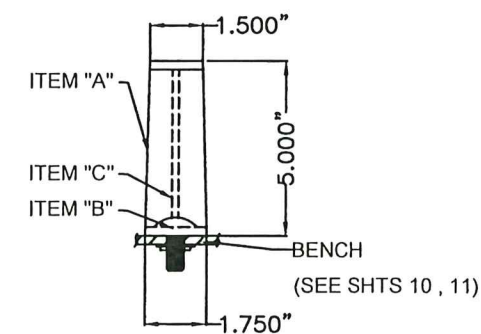
BENCH PLAN W/ DIVIDERS
NTS.



BENCH ELEVATION W/ DIVIDERS
NTS.

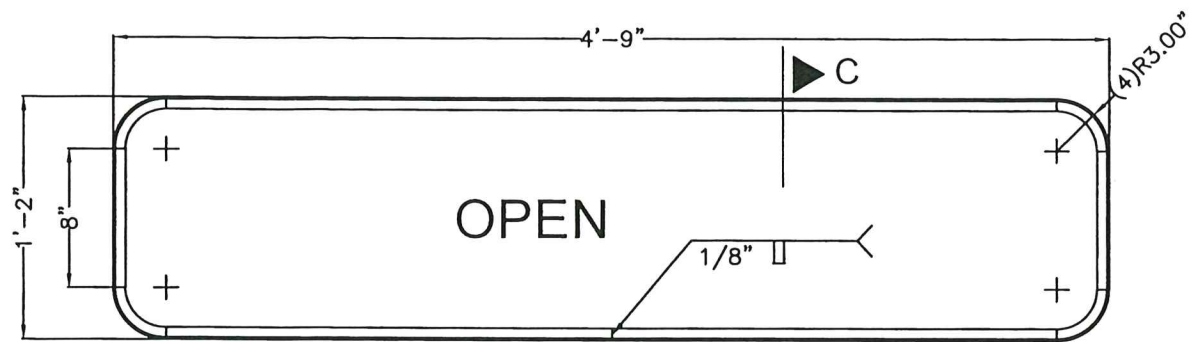


SECTION X-X
NTS.



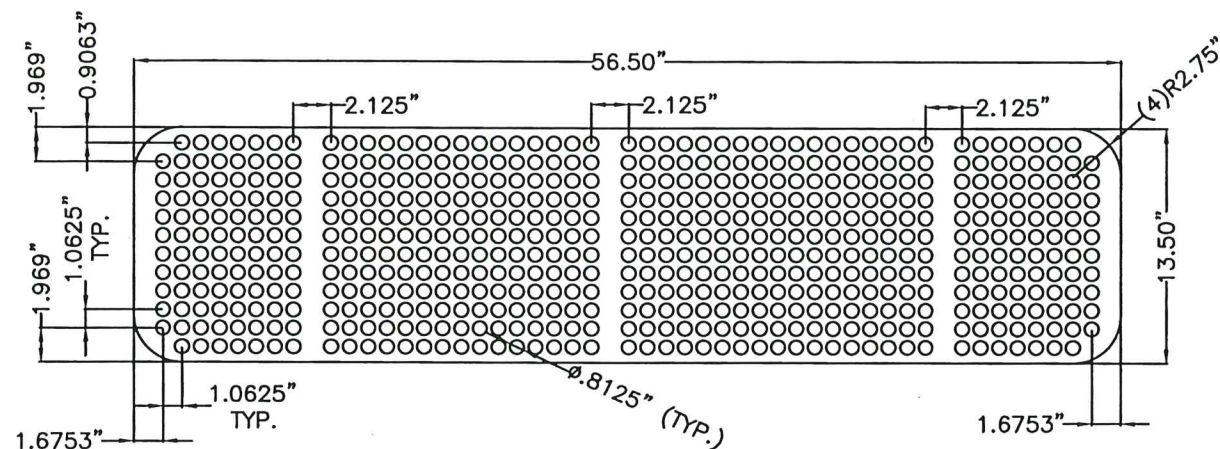
BENCH SIDE VIEW W/ DIVIDER
NTS.

MIAMI DADE COUNTY PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 23-0816 Expiration Date 22 OCT 2025 By <i>Helga A. Miller</i> Miami Dade Product Control	WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER P.E. SEAL/SIGNATURE/DATE	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 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	BUS SHELTER MIAMI OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136	DRAWING BY: Y.M. DATE: 7/21/2023 23-121 DRAWING No. SHEET 11A OF 33
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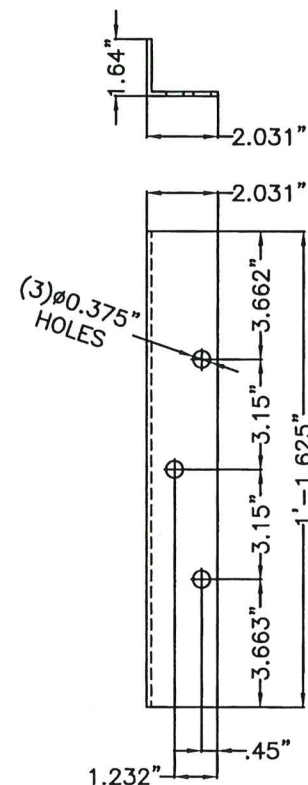
OUTER RAIL(PROTO-MBENCH-103)

0.125" THICK HOT ROLLED STEEL COIL ASTM A 1011
NTS.



THOMAS PERF. PIECE(PROTO-MBENCH-101B)

0.135" THICK HOT ROLLED STEEL ASTM A-1011 CS, TYPE B
NTS.

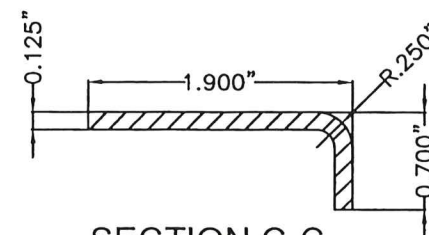


**BENCH SUPPORT
(PROTO-MBENCH-102)**

CUT OF 0.135" THICK HOT ROLLED
STEEL SHEET ASTM A 1011
(3 UNITS PER BENCH REQ'D.)

NOTE: PUNCH HOLES, AND BEND.

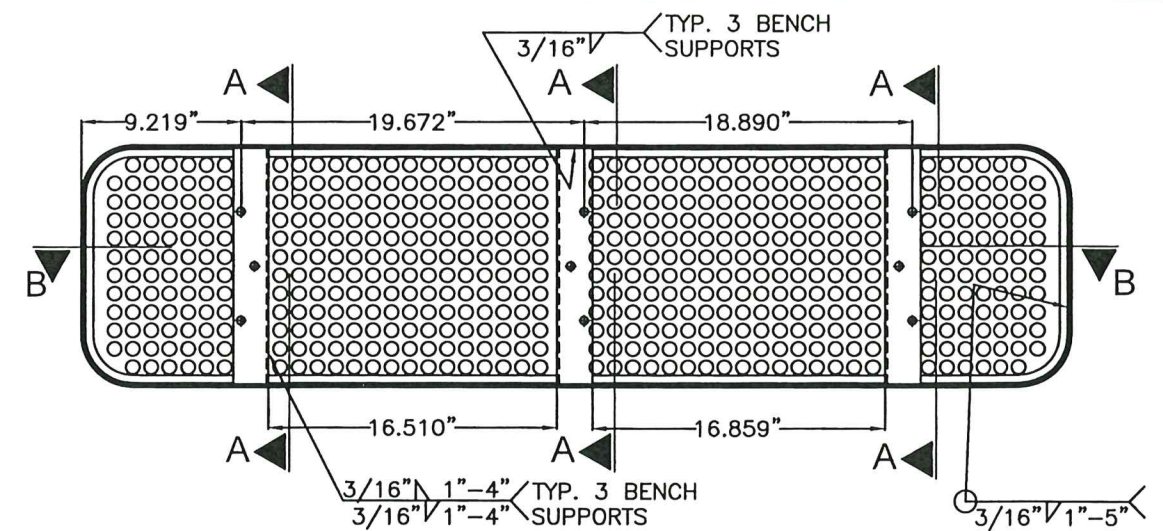
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SECTION C-C

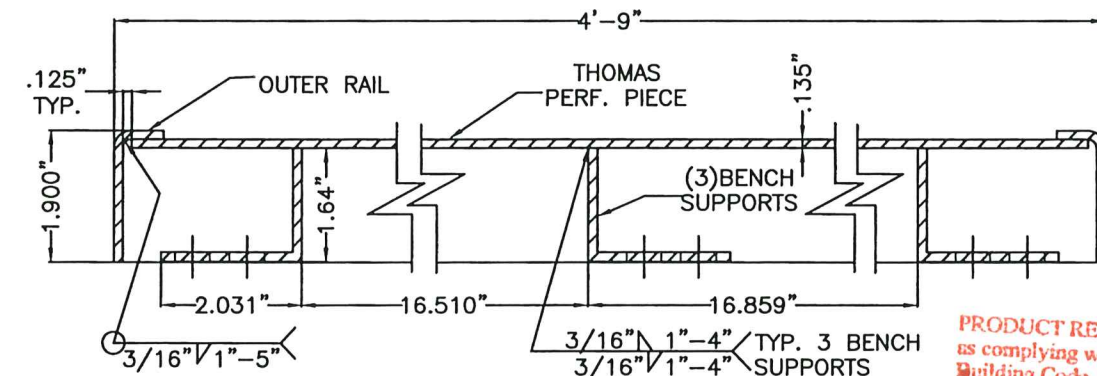
(TYP)

NTS.



BENCH ASSEMBLY

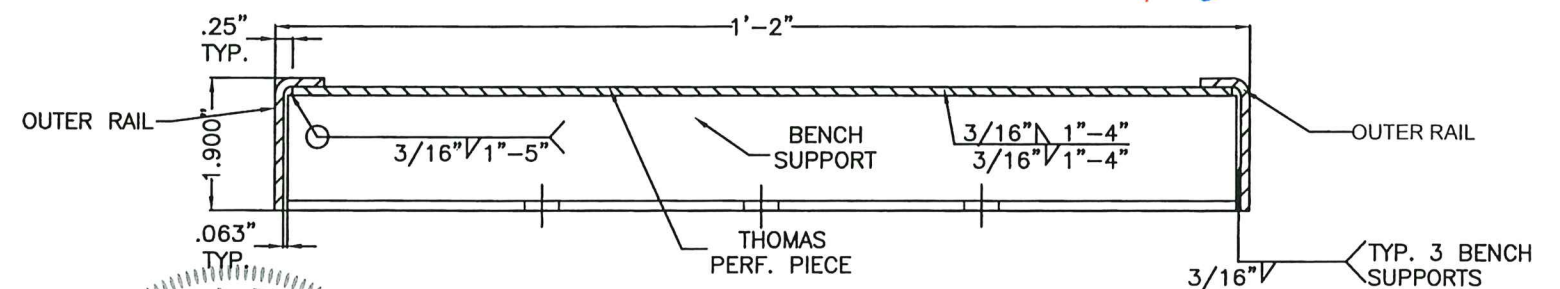
NTS.



SECTION B-B

NTS.

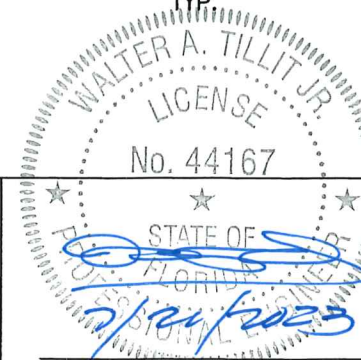
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0016-23
Expiration Date 22 OCT 2025
By: *H. G. Miller*
Miami Dade Product Control



SECTION A-A

NTS.

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
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CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

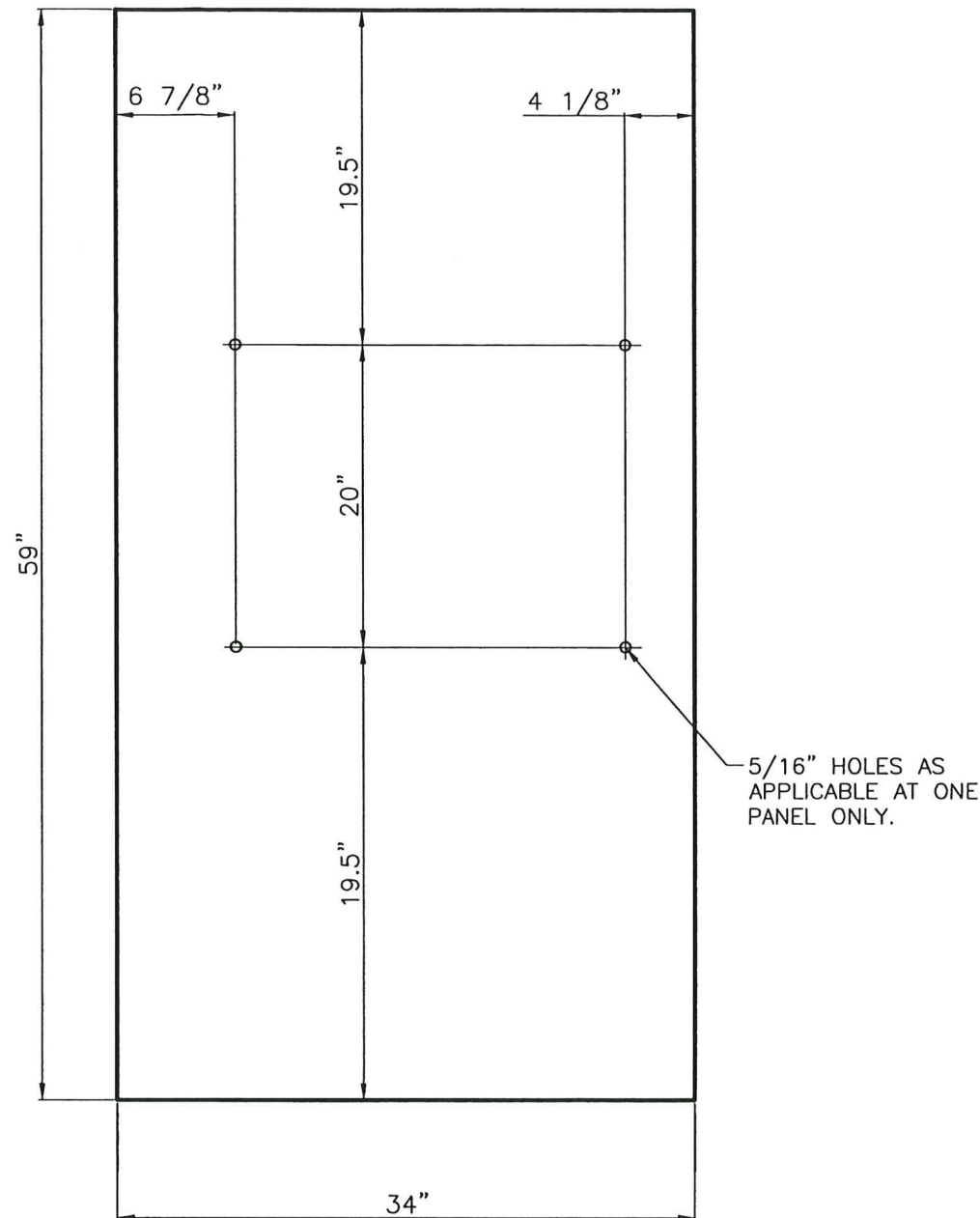
DATE:

23-121
DRAWING No.

SHEET 11 OF 33

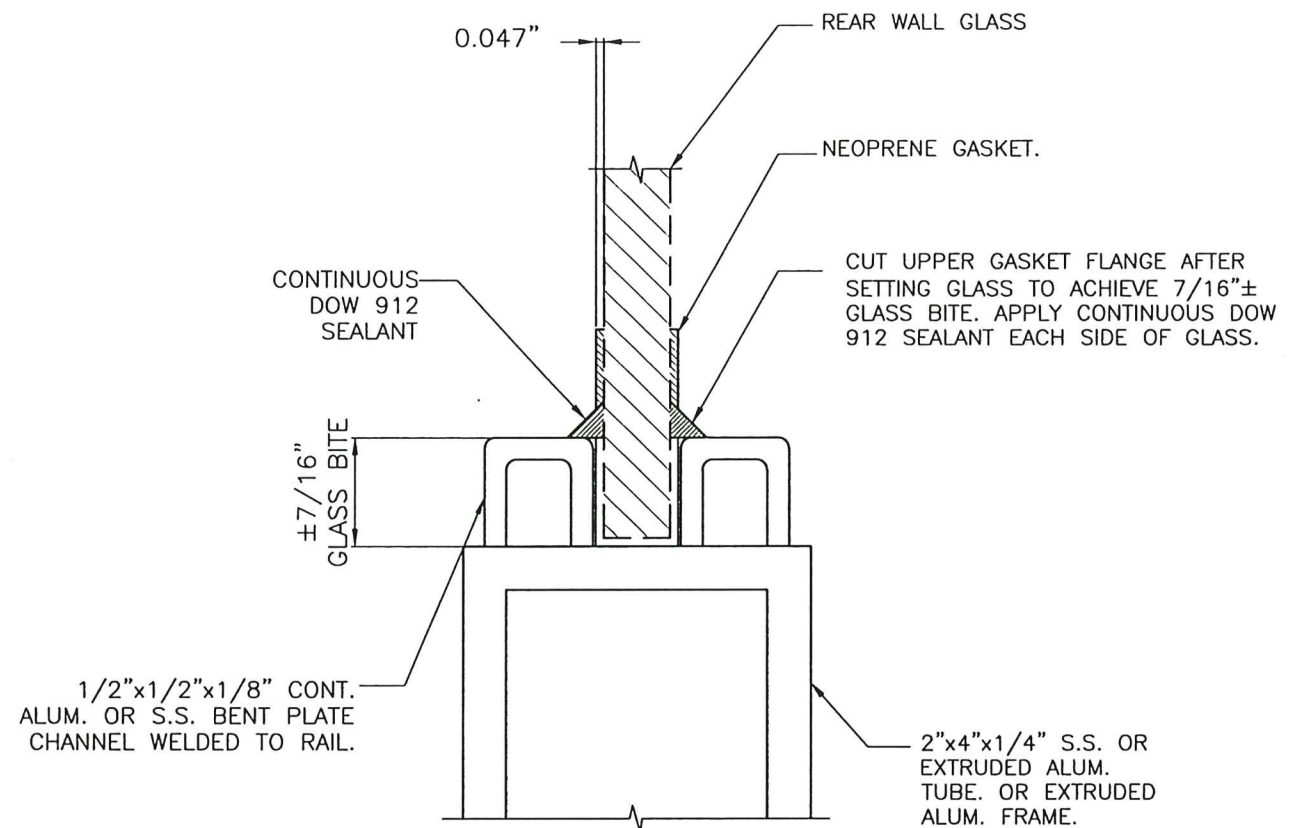
PROTO-M BENCH-0
DETAILS

No.	Date	Description
1	7/21/23	OLD 20-032



REAR WALL GLASS – BUS SHELTER

N.T.S.
10mm TEMPERED GLASS W/ GROUND EDGES
REQUIRES:(4) PER UNIT

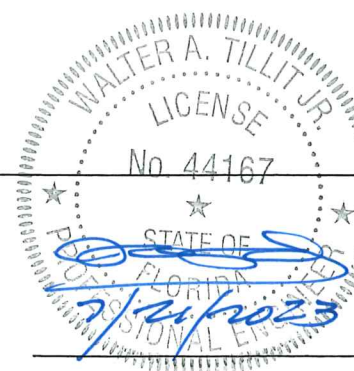


RUBBER GASKET–UPPER & LOWER GLASS EDGE: GLAZING DETAIL

N.T.S.
MATERIAL: NEOPRENE RUBBER
REQUIRES:(24') PER UNIT
THICKNESS: 10mm

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0816-23
Expiration Date 22 OCT 2025
By *H. G. A. K.*
Miami Dept. Product Control

MIAMI DADE COUNTY



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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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Phone:(305)871-1530. Fax:(305)871-1531
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FLORIDA Lic. # 44167

BUS SHELTER
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8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

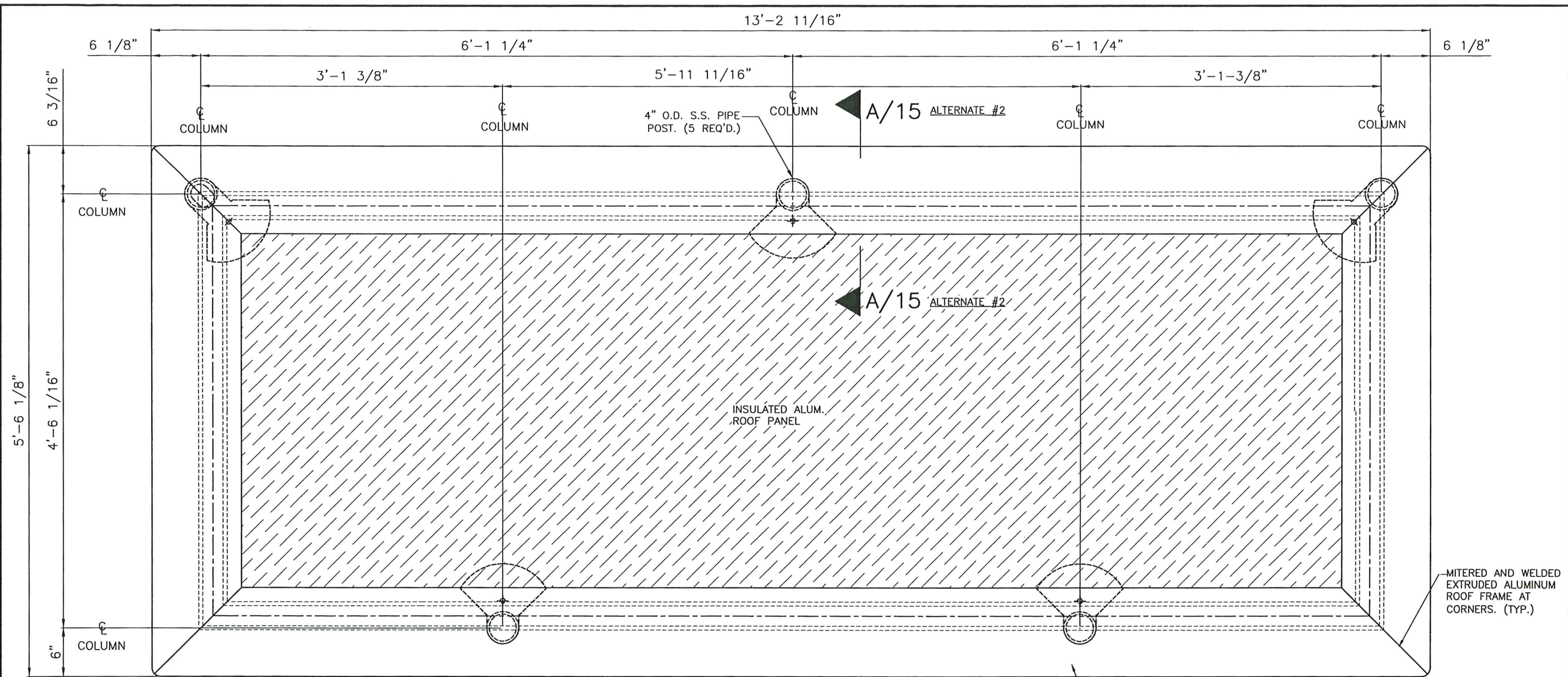
DATE:

23-121
DRAWING No.

SHEET 12 OF 33

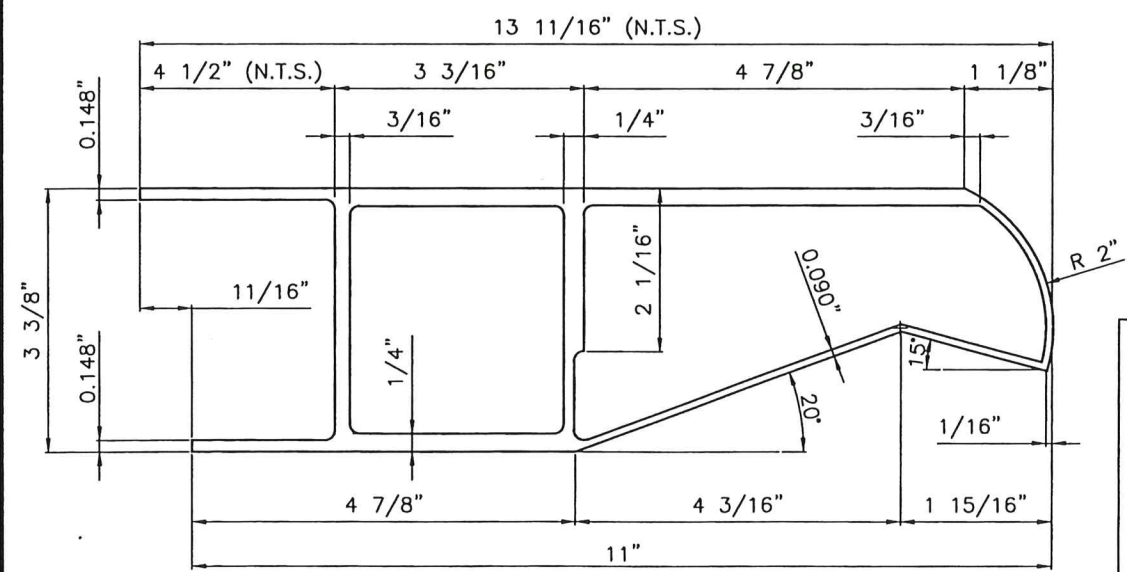
REAR WALL GLASS

No.	Date	Description	Revisions
1	7/21/23	OLD 20-032	



ROOF STRUCTURE PLAN

ALTERNATE #2
SOLAR PANEL NOT SHOWING FOR CLARITY
SCALE: 1"=1'-0"

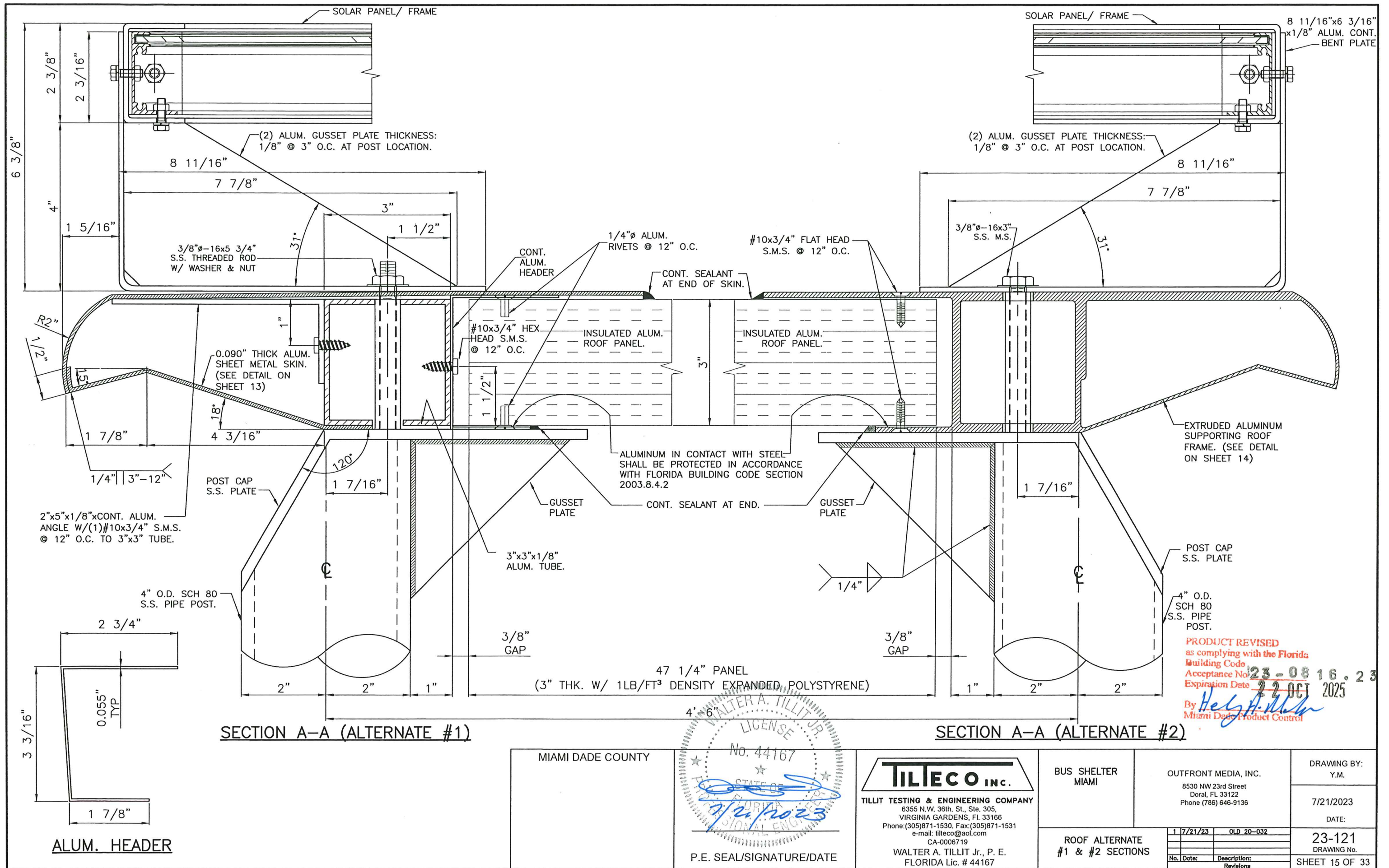


EXTRUDED ALUMINUM SUPPORTING ROOF FRAME DETAIL

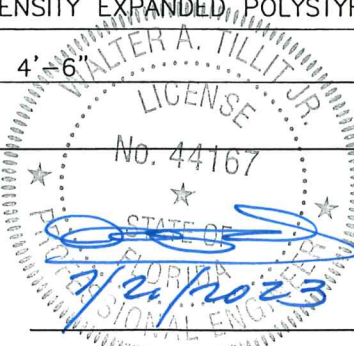
N.T.S.

MIAMI DADE COUNTY P.E. SEAL/SIGNATURE/DATE	 No. 44167 12/24/2023 WALTER A. TILLIT JR., P. E. FLORIDA Lic. # 44167	 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 e-mail: tilliteco@aol.com CA-0006719 WALTER A. TILLIT JR., P. E. FLORIDA Lic. # 44167	BUS SHELTER MIAMI ROOF STRUCTURE PLAN ALTERNATE #2	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136 1 7/21/23 OLD 20-032 No. Date: Description: Revisions:	DRAWING BY: Y.M. 7/21/2023 DATE: 23-121 DRAWING No. SHEET 14 OF 33
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816.23
Expiration Date 22 OCT 2025
By: *[Signature]*
Miami Dade Product Control



MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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TILLIT TESTING & ENGINEERING COMPANY
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WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

ROOF ALTERNATE
#1 & #2 SECTIONS

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions

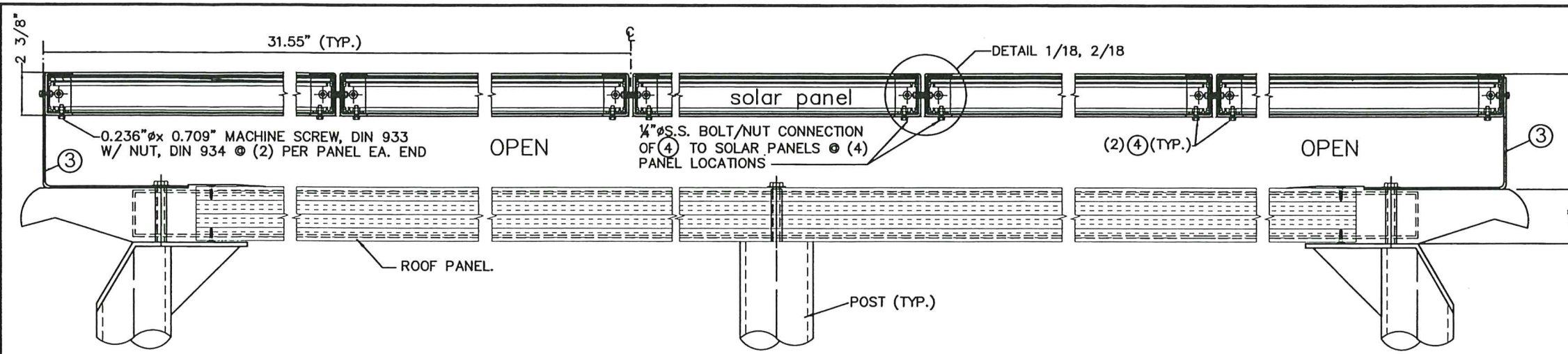
DRAWING BY:
Y.M.

7/21/2023

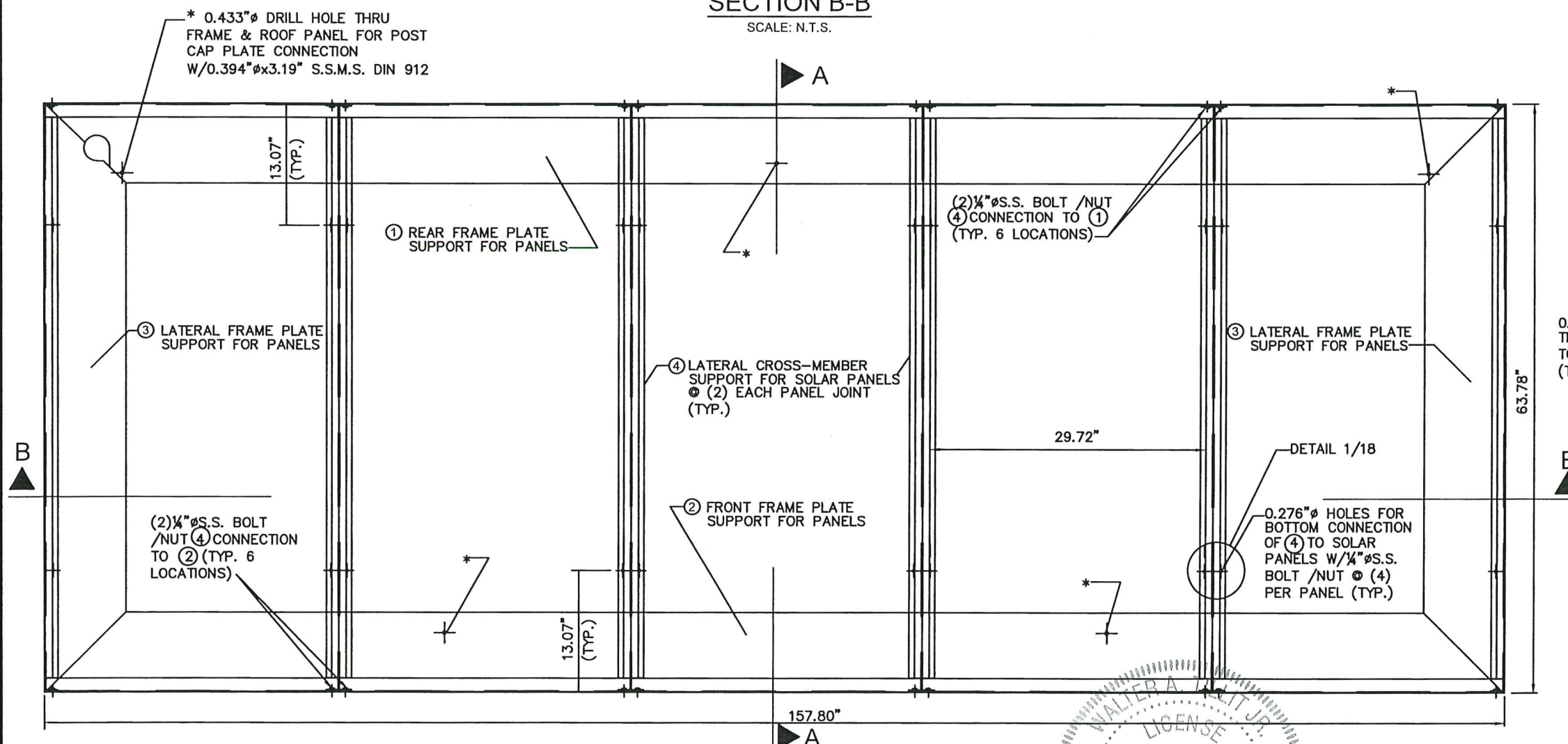
DATE:

23-121
DRAWING No.

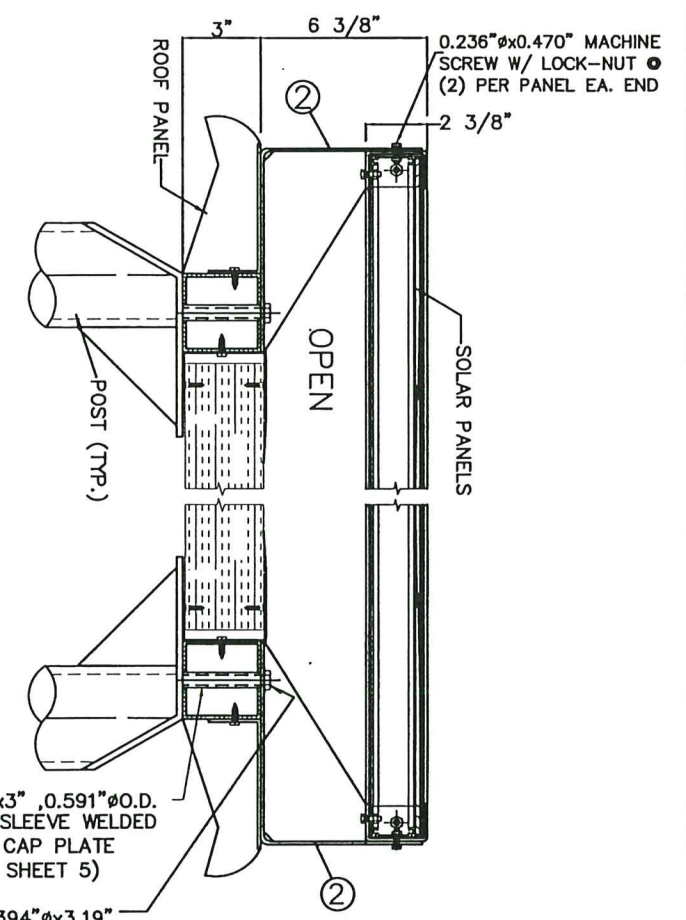
SHEET 15 OF 33



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



SOLAR PANEL SUPPORT FRAME
SCALE: 1.13" = 1'-0"



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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0816-23
Expiration Date 12/21/2025
By *[Signature]*
Miami Data Product Control

MIAMI DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
7/21/2023
ORIGINAL ENCLOSURE

P.E. SEAL/SIGNATURE/DATE

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
e-mail: tillit@aol.com
CA-0006719
WALTER A. TILLIT JR., P. E.
FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

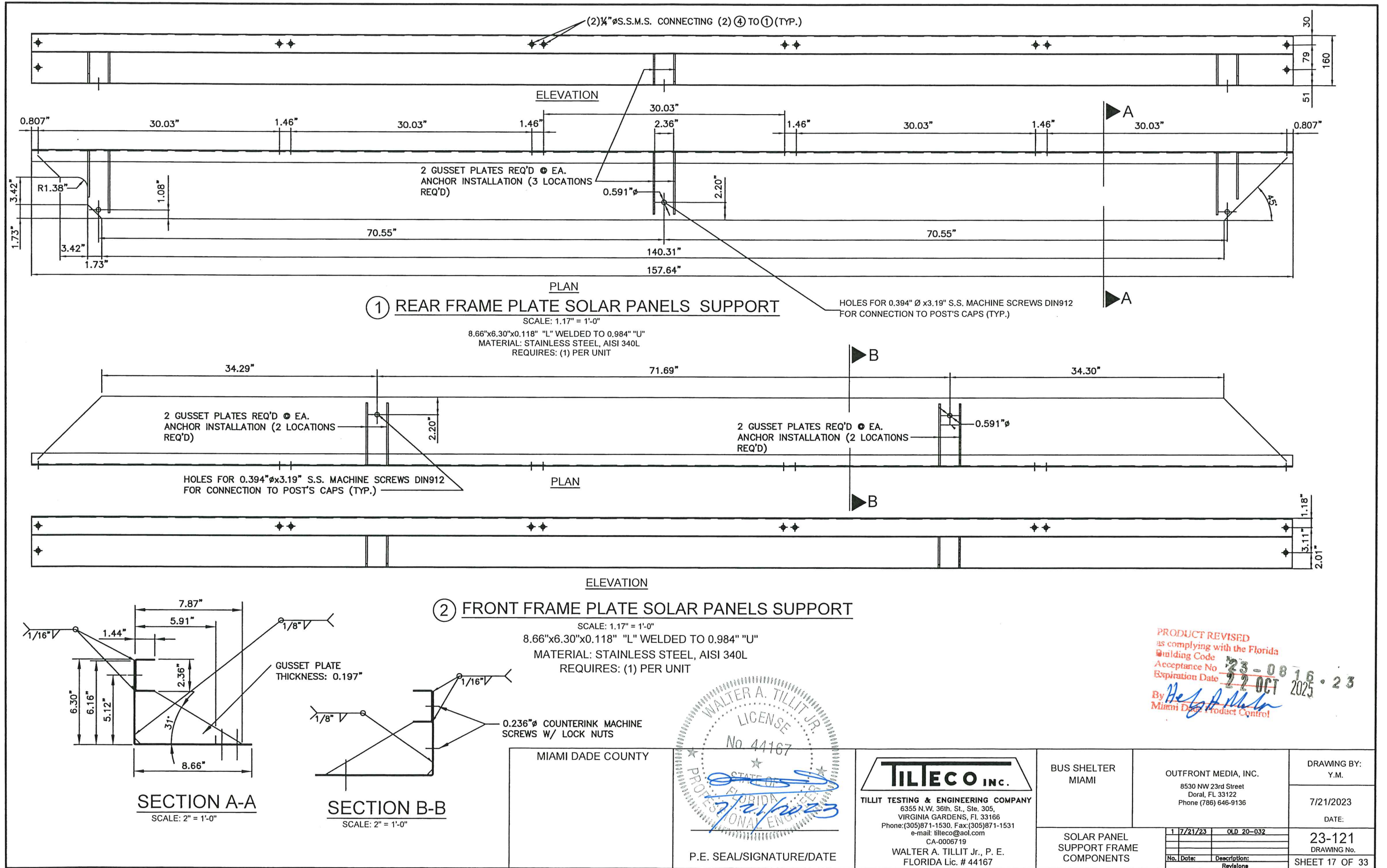
7/21/2023

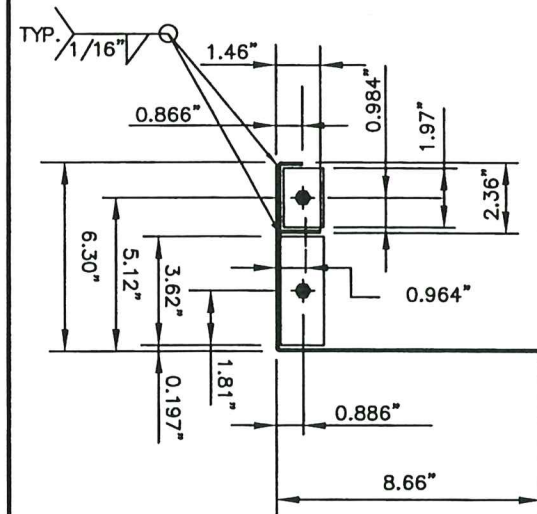
DATE:

SOLAR PANEL
SUPPORT FRAME

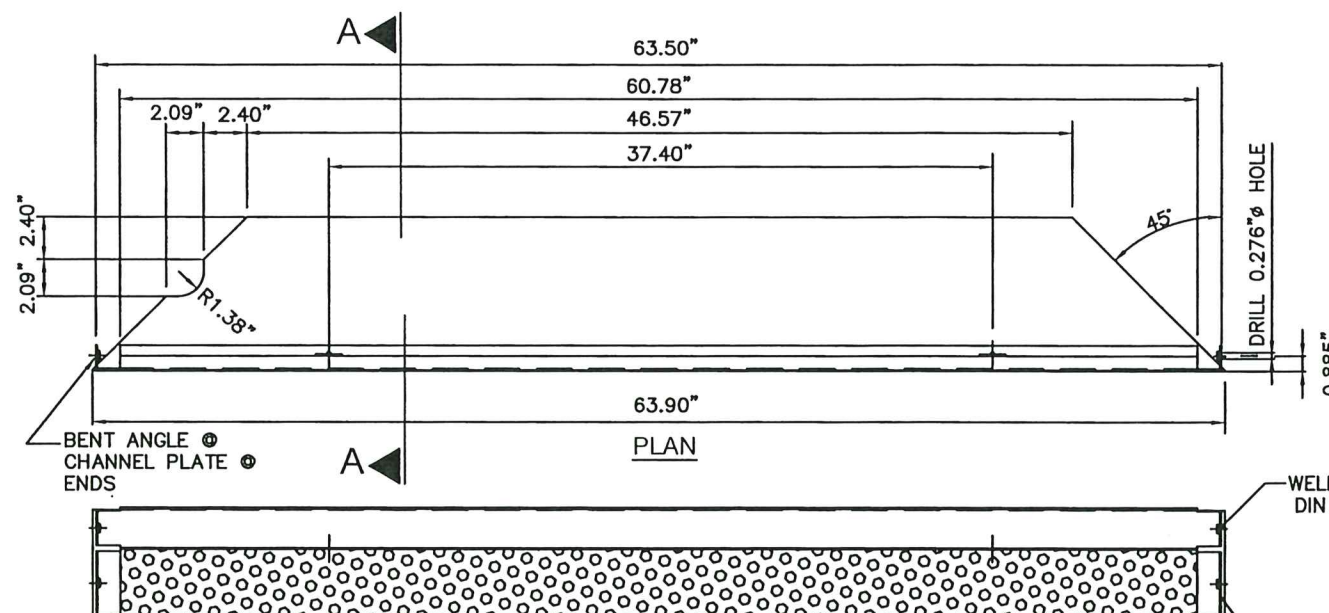
1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions

23-121
DRAWING No.
SHEET 16 OF 33





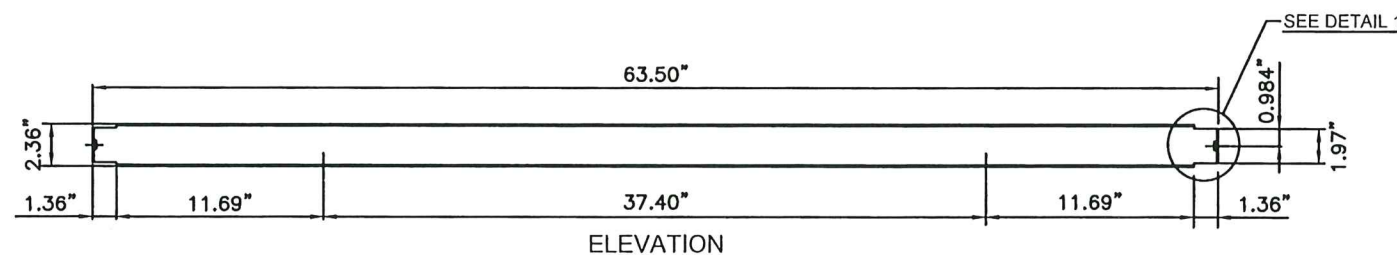
SECTION A-A
SCALE: 2" = 1'-0"



**③ LATERAL FRAME PLATE
SUPPORT FOR SOLAR PANELS**
SCALE: 1.17" = 1'-0"

MATERIAL: STAINLESS STEEL, AISI 340
REQUIRES: (2) PER UNIT

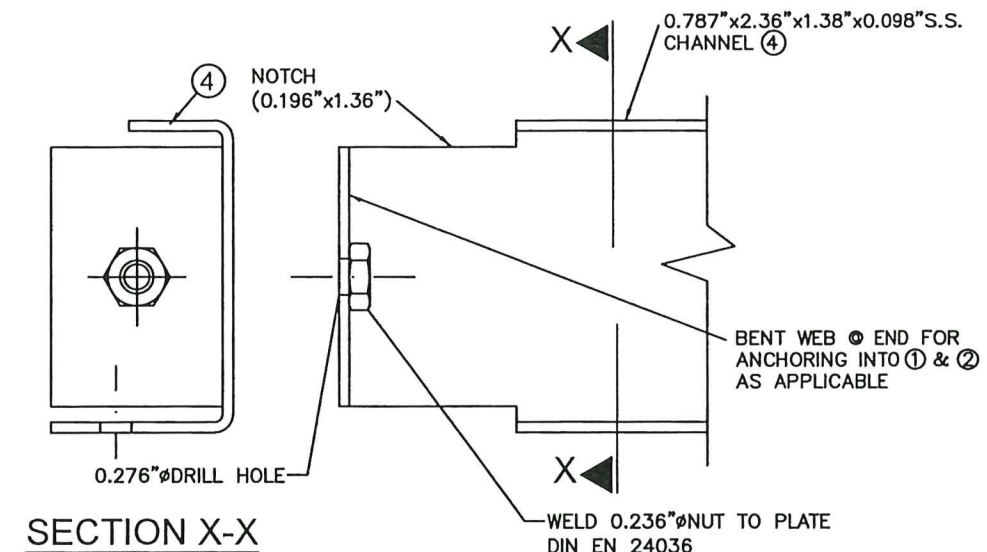
8.66"x6.30"x0.118" THICK "L" PLATE W/ 0.098" 1.46"x2.36"x0.866"
BENT CHANNEL PLATE WELDED CONT. PERFORATED 8.66"xL
PLATE AS SHOWN W/ 0.394" HOLES @ 0.787" O.C. ALL DIRECTIONS
THROUGHOUT.



SECTION B-B

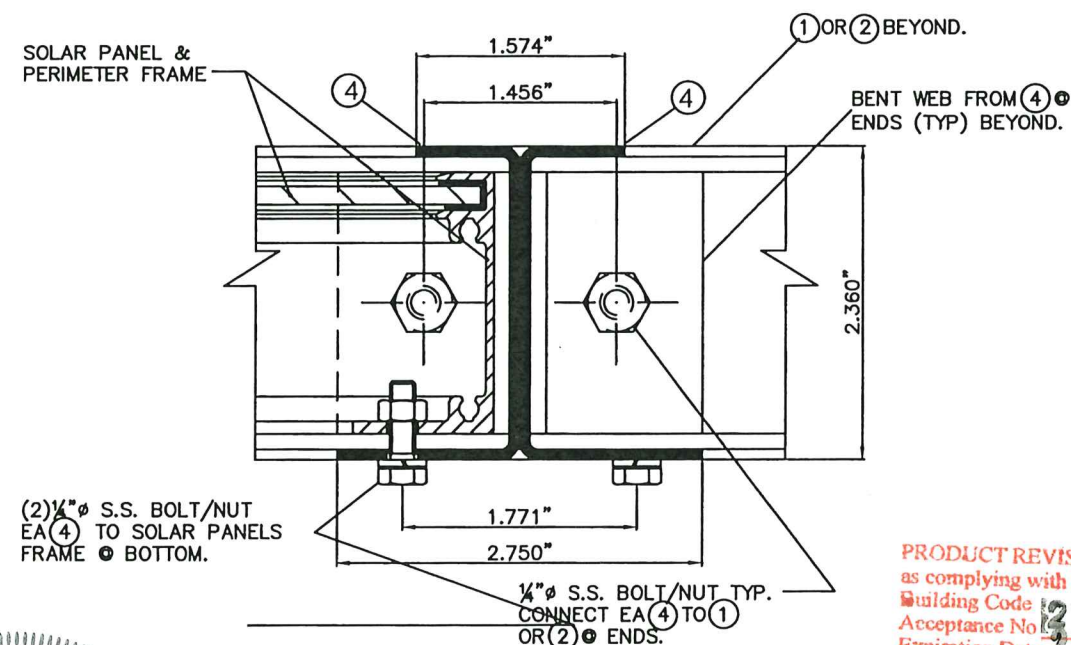
**④ LATERAL CROSS-MEMBER SUPPORT
FOR SOLAR PANELS**
SCALE: 1.17" = 1'-0"

MATERIAL: STAINLESS STEEL, AISI 340
THICKNESS: 0.0984"
REQUIRES: (2) PER SOLAR PANEL



SECTION X-X

DETAIL 1



DETAIL 2

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0816-23
Expiration Date 22 OCT 2025
By: *Walter A. Tillit Jr.*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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
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FLORIDA Lic. # 44167

BUS SHELTER
MIAMI

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8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

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Y.M.

7/21/2023

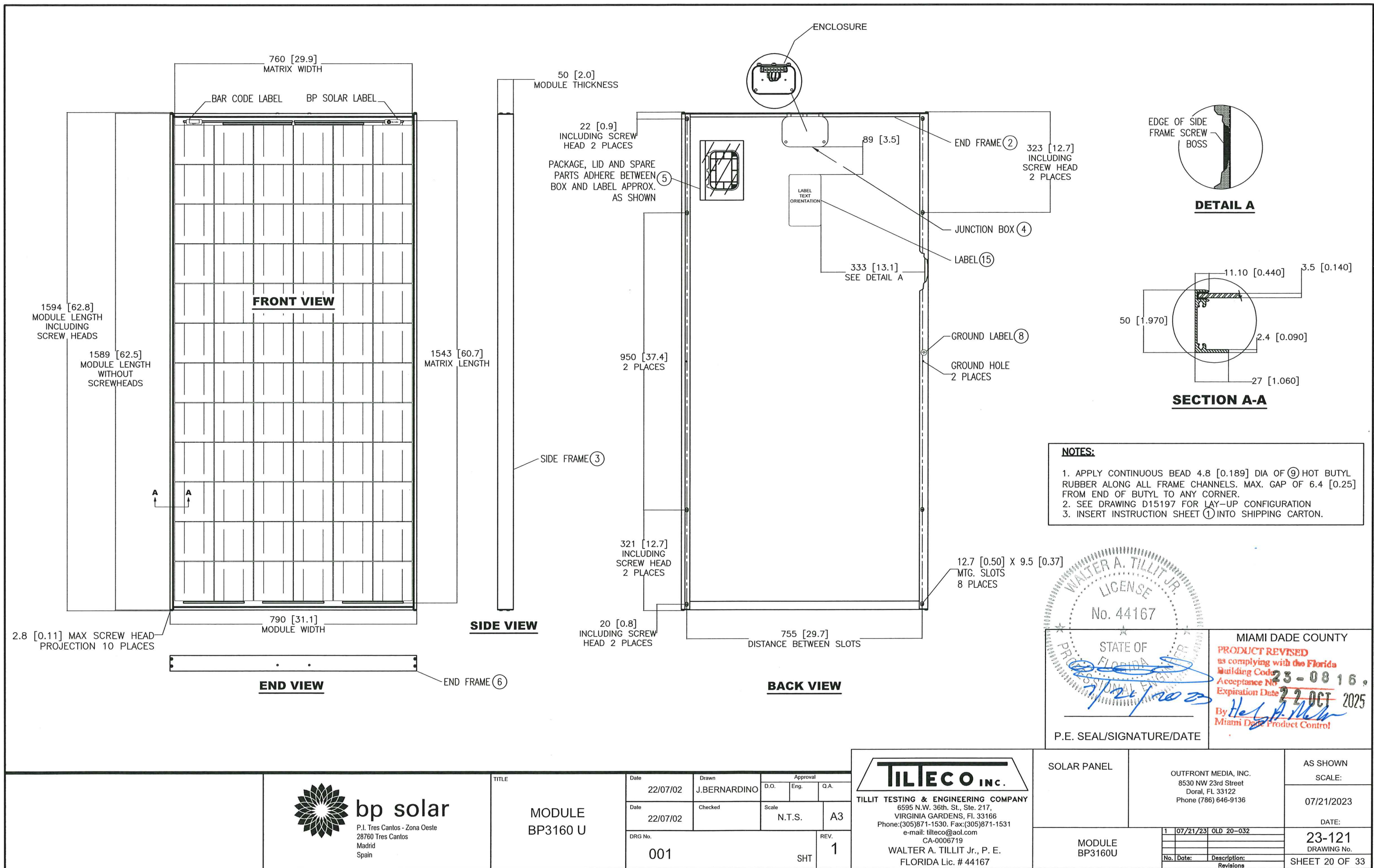
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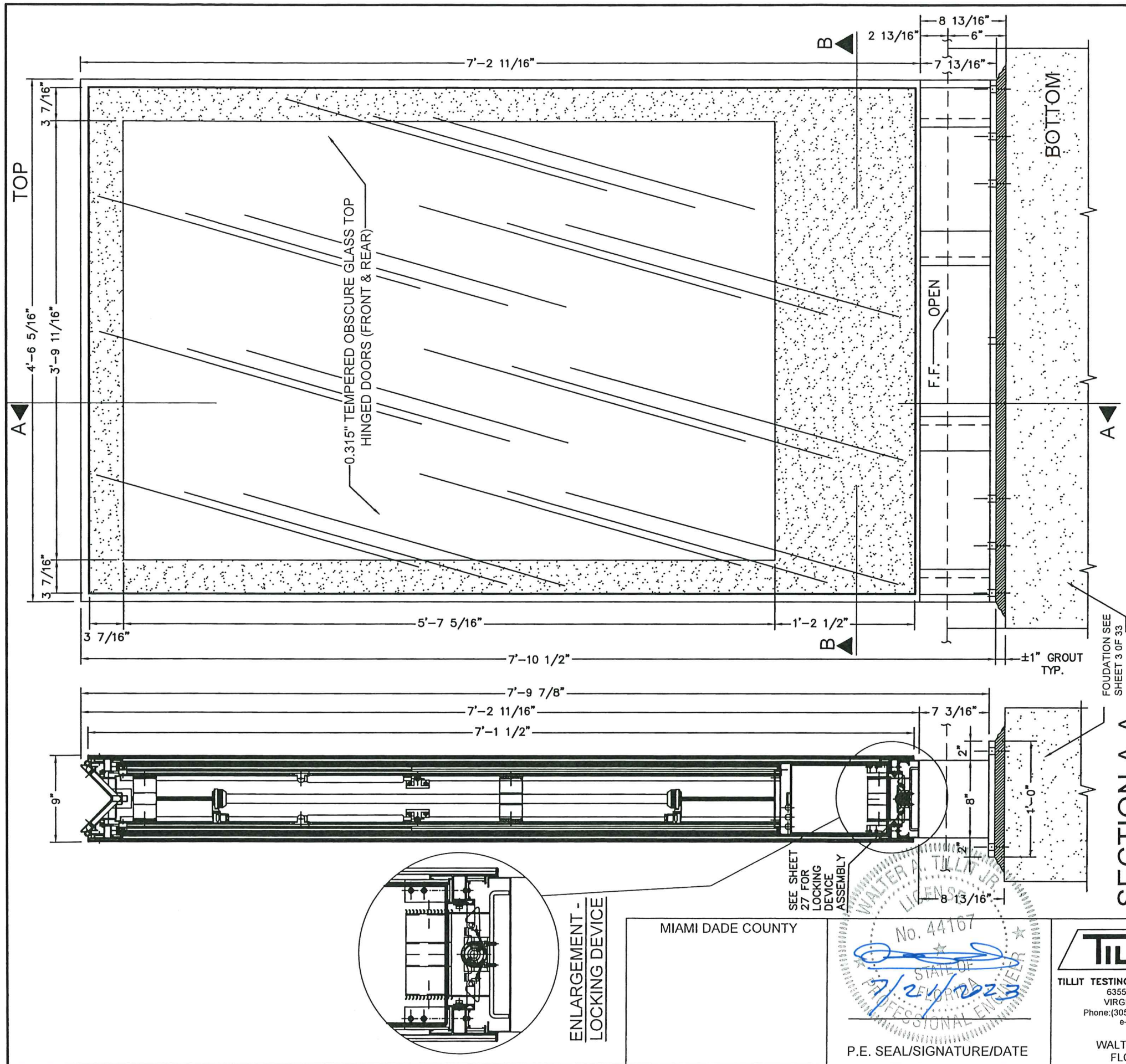
23-121
DRAWING No.

SHEET 18 OF 33

SOLAR PANEL FRAME
COMPONENTS

No.	Date	Description	Revisions
1	7/21/23	OLD 20-032	





DISPLAY UNIT - ELEVATION

SCALE: 1.15" = 1'-0"

SECTION A-A

SCALE: 1.15" = 1'-0"

SECTION B-B

SCALE: 1.15" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-08
Expiration Date 22 OCT 2025 • 23
By *Healy P. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY

No. 44167
STATE OF FLORIDA
7/21/2023
WALTER A. TILLIT JR.
LICENSED PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
VIRGINIA GARDENS, FL 33166
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e-mail: tillitco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

DATE:

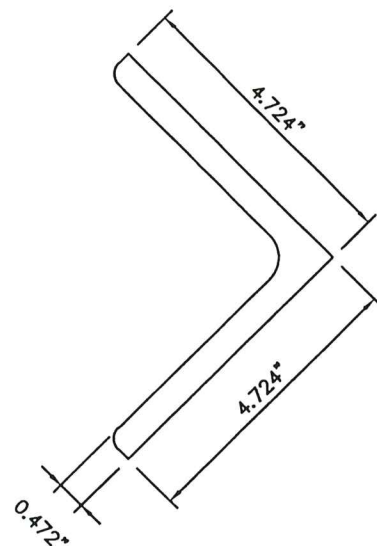
23-121

DRAWING No.

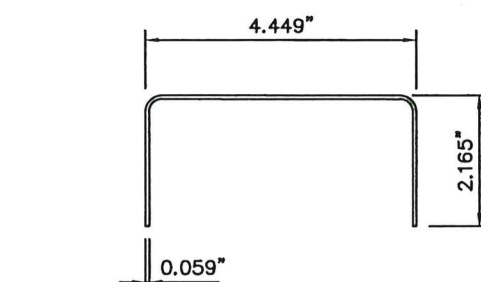
SHEET 21 OF 33

ELEVATIONS & SECTIONS

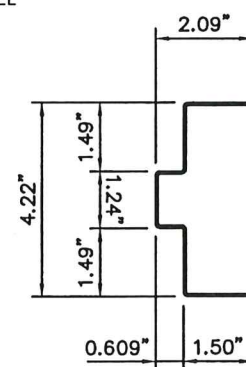
1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



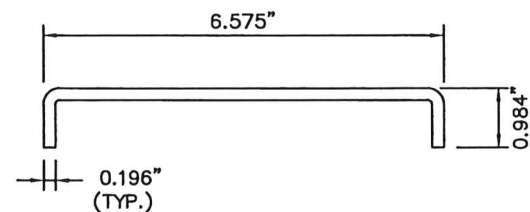
① **VERTICAL UPRIGHTS +
HORIZONTAL TOP RAIL,**
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL



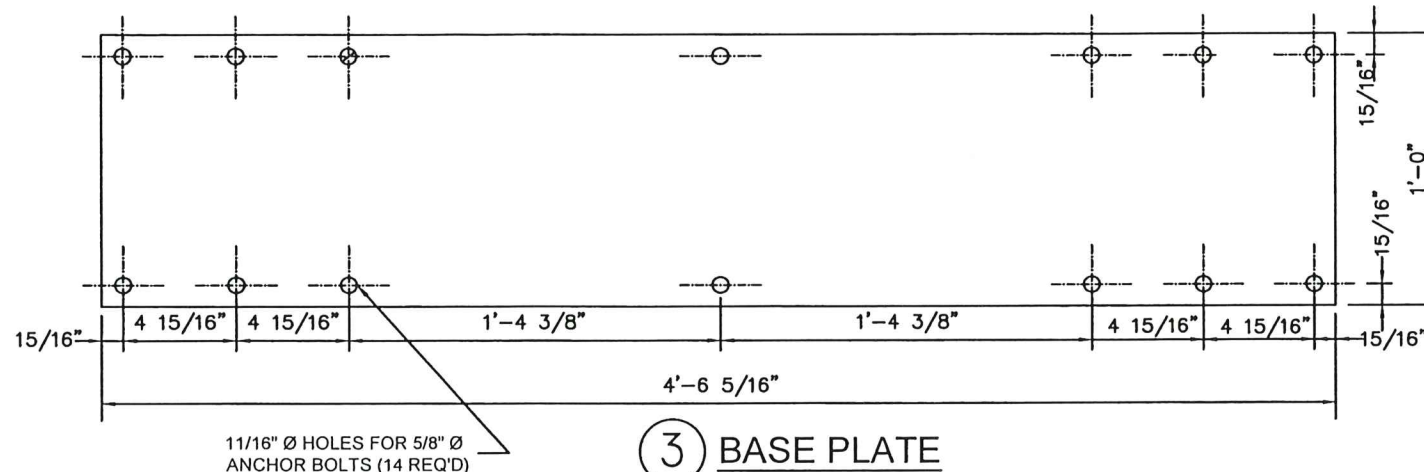
⑤ **BOTTOM SUPPORT FOR DOORS**
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL
REQUIRED: (2) 13.78" LONG



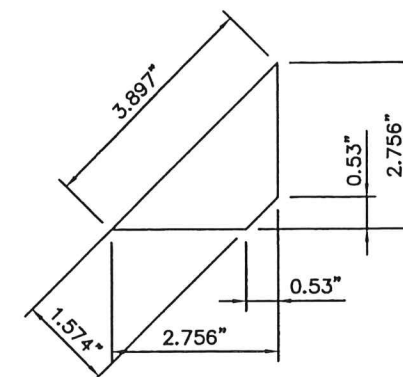
⑦ **CLADDING, JAMB & HEAD**
SCALE: 4" = 1'-0"
MATERIAL: STAINLESS STEEL, AISI 304L
THICKNESS: 0.0787"



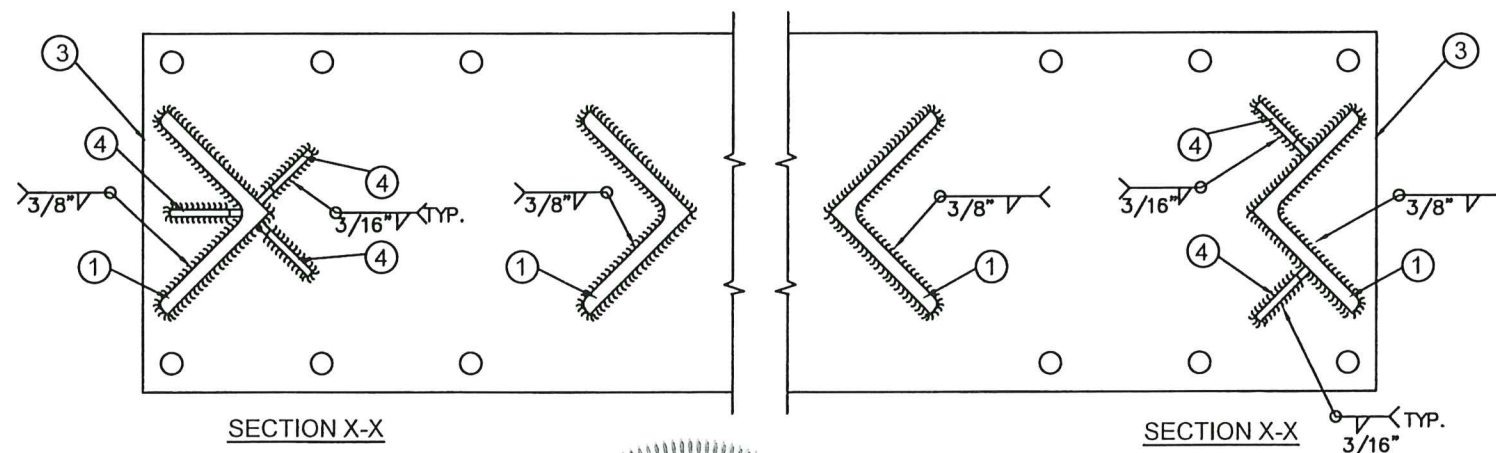
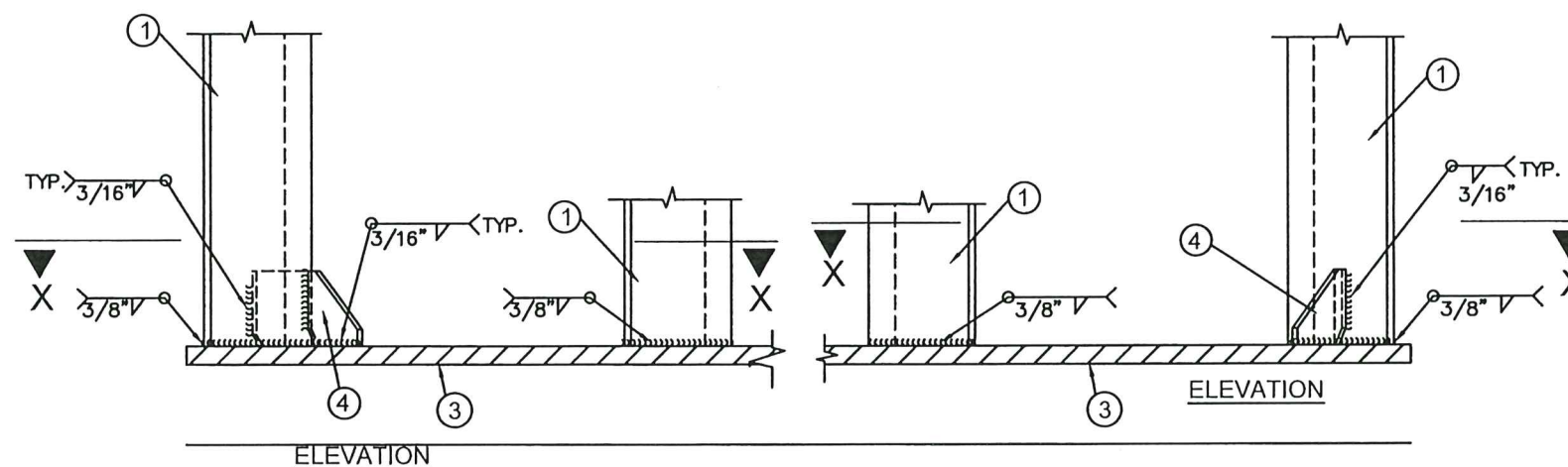
② **HORIZONTAL BOTTOM RAIL**
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL



③ **BASE PLATE**
SCALE: 2" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL
THICKNESS: 0.625"



④ **GUSSET PLATE**
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL
THICKNESS: 0.236"



SECTION X-X

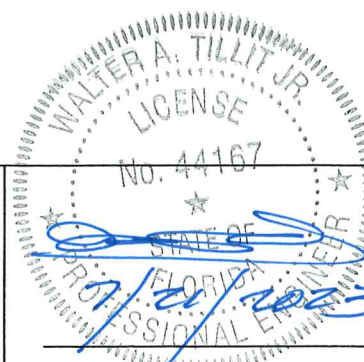
DETAIL 2
SCALE: 2" = 1'-0"

SECTION X-X

DETAIL 1
SCALE: 2" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By *Heidi A. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT JR., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

FRAME STRUCTURAL
COMPONENTS

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions

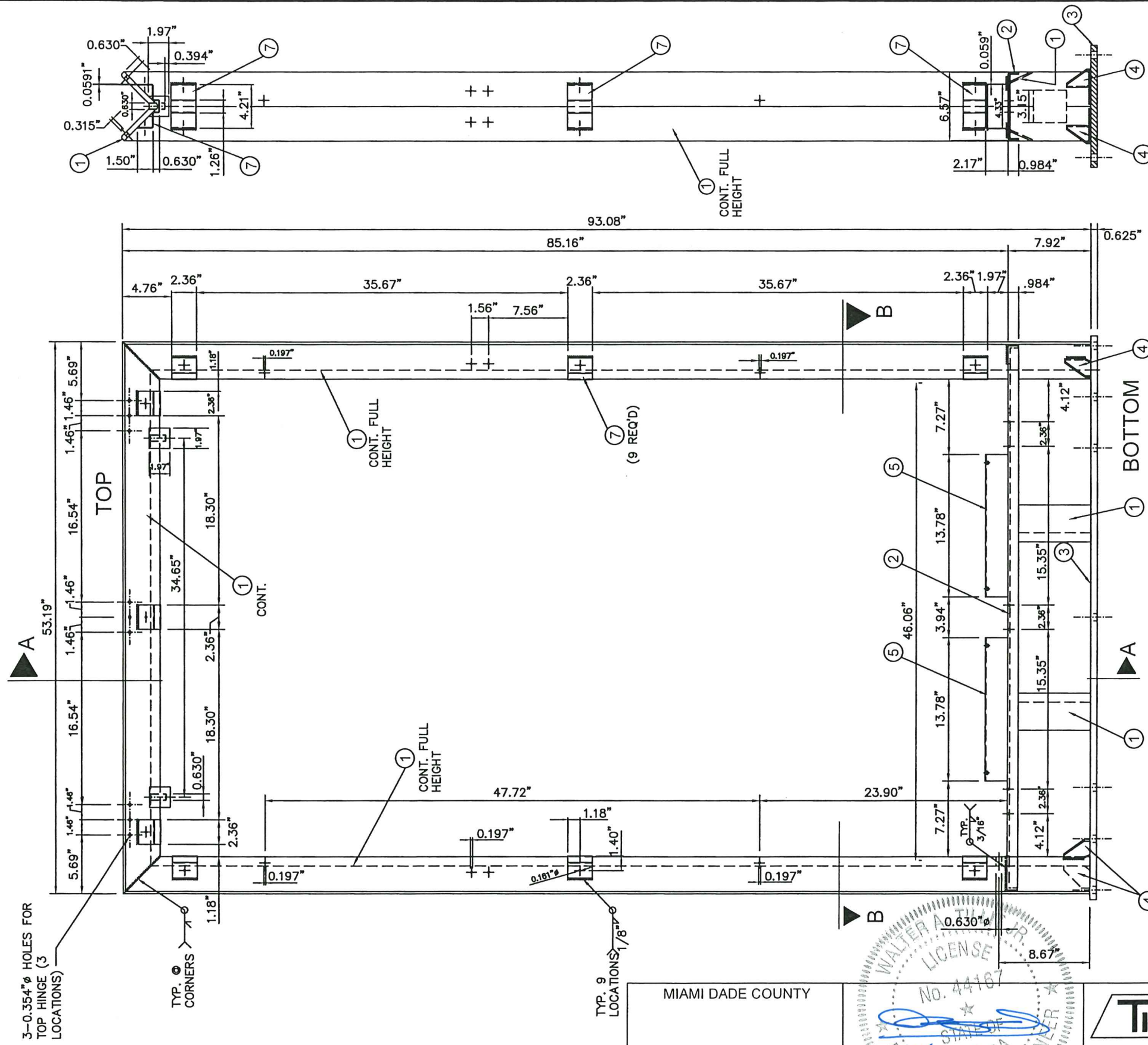
DRAWING BY:
Y.M.

7/21/2023

DATE:

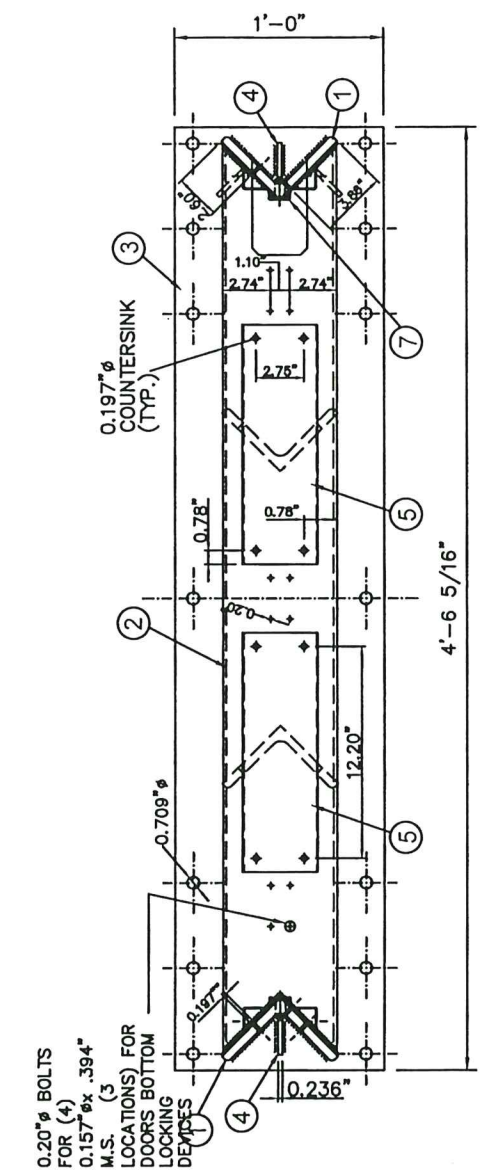
23-121
DRAWING No.

SHEET 22 OF 33



SECTION A-A
SCALE: 1.15" = 1'-0"

ELEVATION
SCALE: 1.15" = 1'-0"



SECTION B-B
SCALE: 1.15" = 1'-0"

3-0.354" HOLES FOR
TOP HINGE (3
LOCATIONS)

TYP. 9
LOCATIONS

TYP. 9
LOCATIONS

MIAMI DADE COUNTY

WALTER A. TILLIT, JR.
LICENSE
No. 44167
PROFESSIONAL ENGINEER
FLORIDA
7/21/2023

P.E. SEAL/SIGNATURE/DATE

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
e-mail: tiltco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023
DATE:

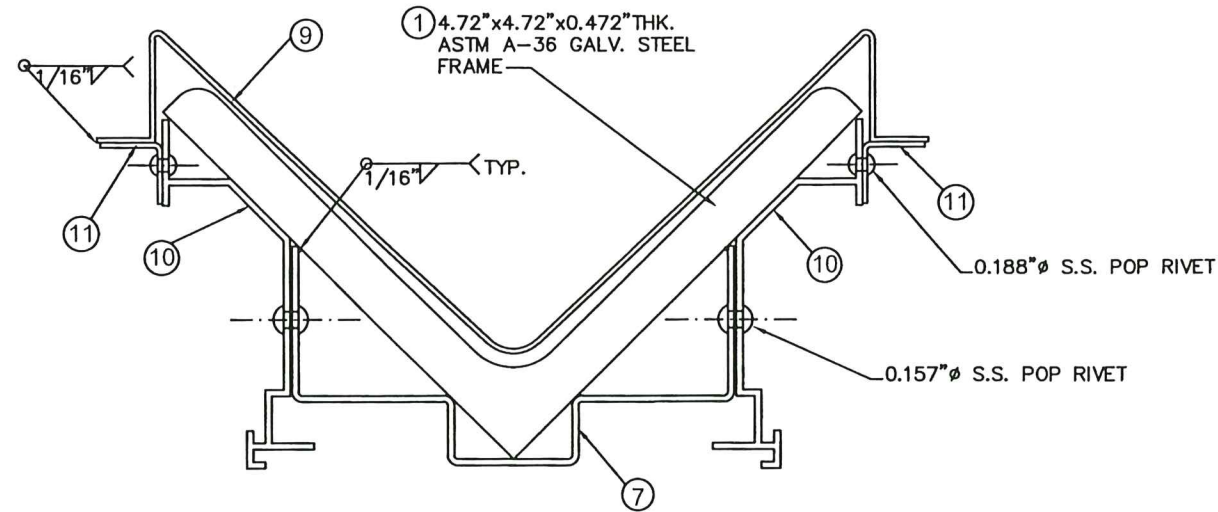
23-121
DRAWING No.

SHEET 23 OF 33

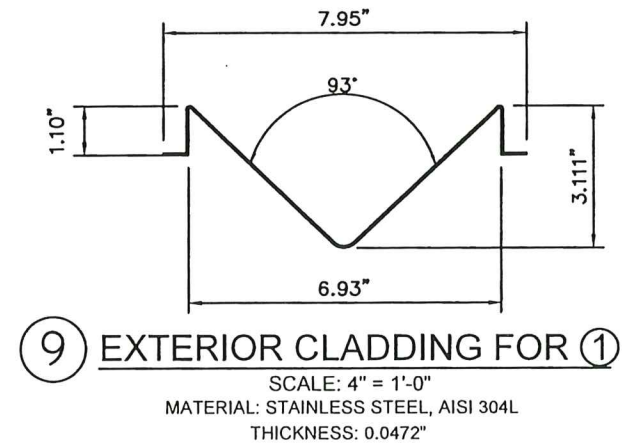
SUPPORT FRAME
ELEVATIONS & SECTIONS

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions

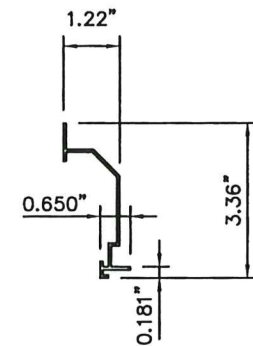
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 2/2/2025
By H. G. P. M. 2025
Miami Dade Product Control



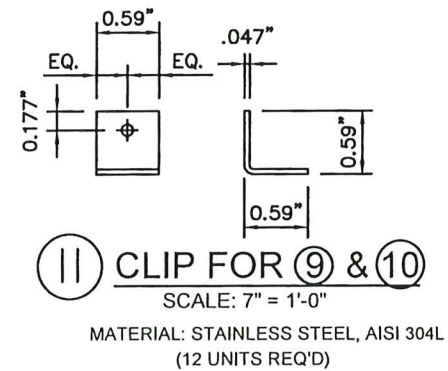
**TYPICAL SECTION - CLADDING MOUNTING
ON MAIN STRUCTURE ①**
SCALE: 6.86" = 1'-0"



NOTE: ALL JOINTS BETWEEN CLADDING
COMPONENTS MUST BE RIVETED

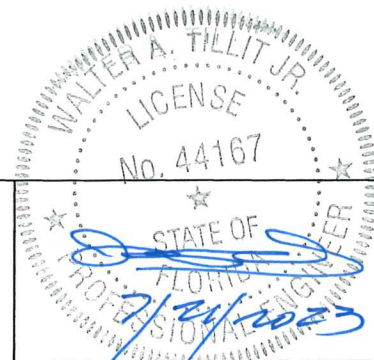


⑩ SIDE CLADDING FOR ①
SCALE: 4" = 1'-0"
MATERIAL: STAINLESS STEEL, AISI 304L
THICKNESS: 0.0472"



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By *Helga M. M.*
Miami Dade Product Control

MIAMI DADE COUNTY



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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
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

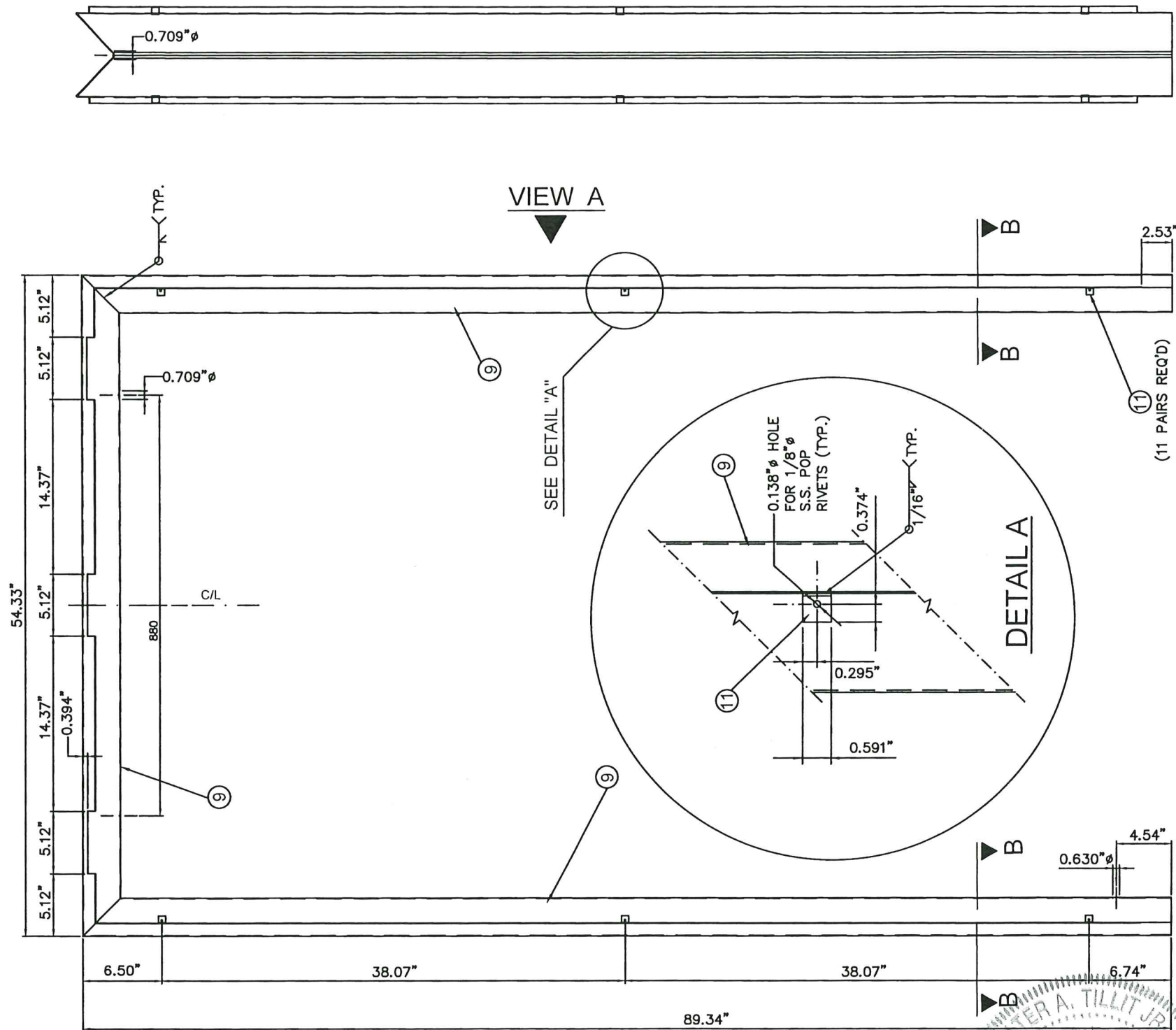
DATE:

23-121
DRAWING No.

SHEET 24 OF 33

FRAME CLADDING

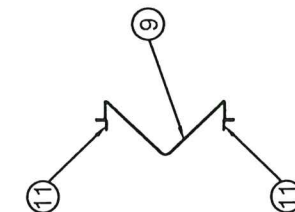
1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



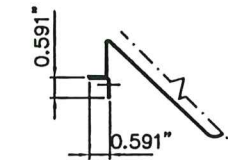
VIEW A

ELEVATION

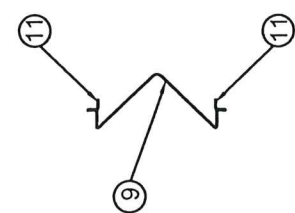
SCALE: 1.15" = 1'-0"



SECTION B-B



DETAIL B



SECTION B-B

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as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By: *Hesha Miller*
Miami Dade Product Control

MIAMI DADE COUNTY

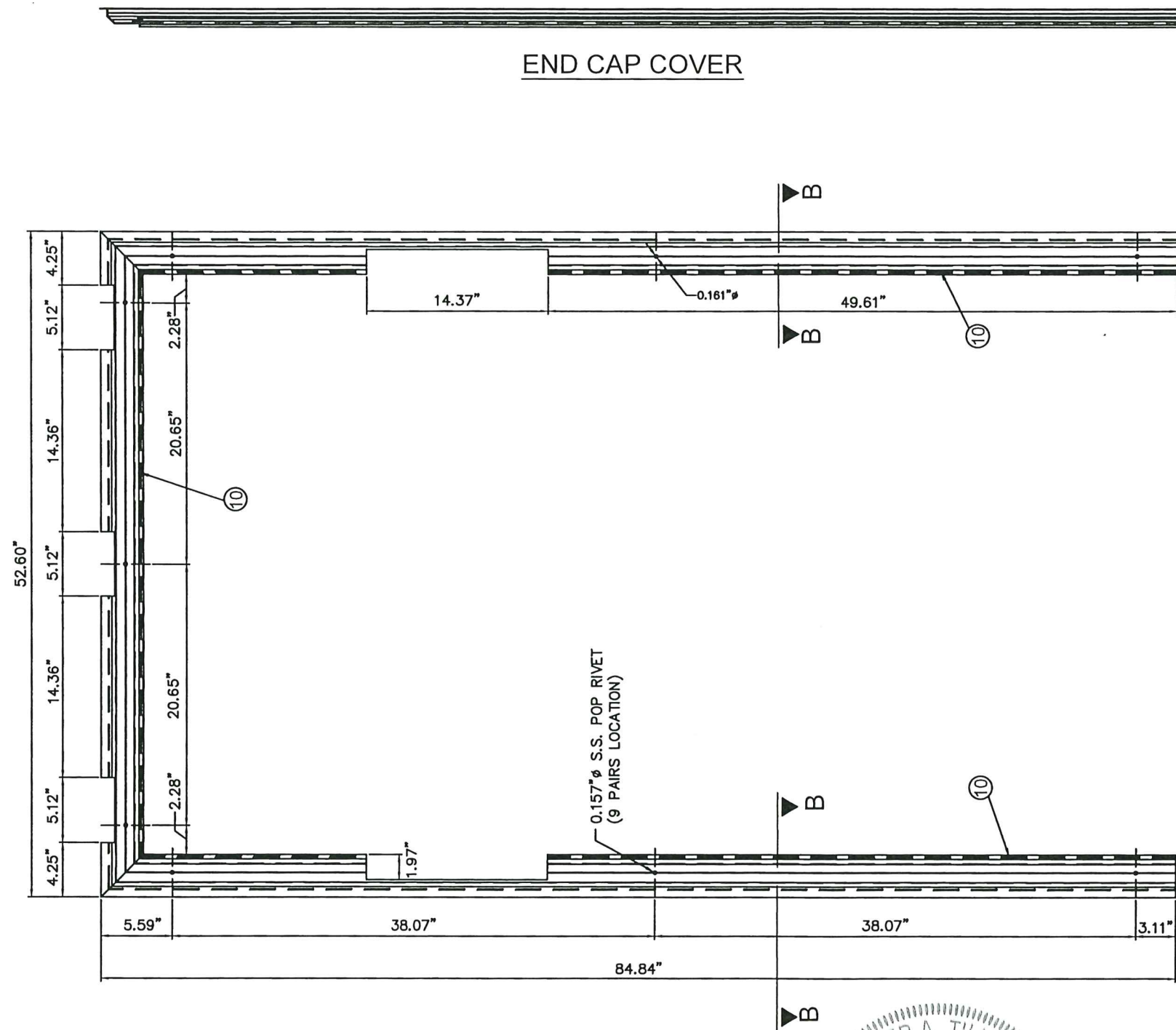
WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT
CLADDING 9

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136
1 7/21/23 OLD 20-032
No. Date: Description: Revisions

DRAWING BY:
Y.M.
7/21/2023
DATE:
23-121
DRAWING No.
SHEET 25 OF 33



SIDE VIEW
SCALE: 1.15" = 1'-0"

ELEVATION
SCALE: 1.15" = 1'-0"

0.157" S.S. POP RIVET
(9 LOCATIONS) TO ⑩

0.157" S.S. POP RIVET
(9 LOCATIONS) TO ⑩

SECTION B-B
SCALE: 3" = 1'-0"

SECTION B-B
SCALE: 3" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0016-23
Expiration Date 22 OCT 2025
By *H. G. A. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
VIRGINIA GARDENS, FL 33166
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e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

CLADDING ⑩

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

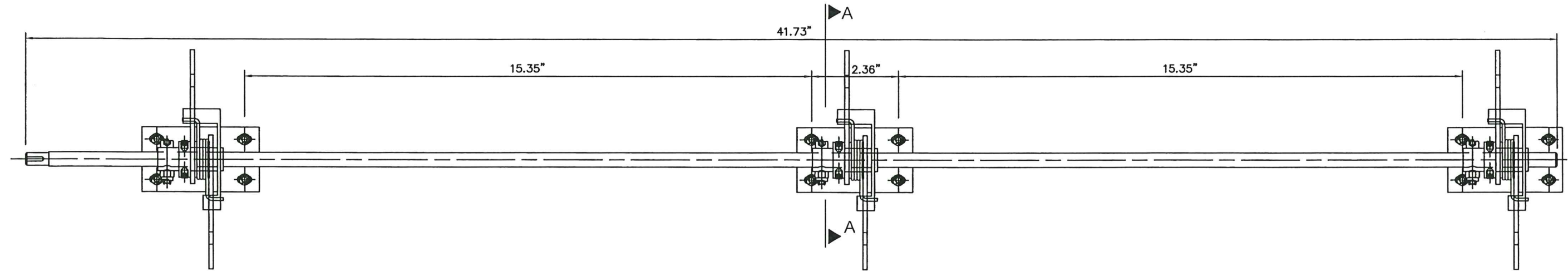
7/21/2023

DATE:

23-121
DRAWING No.

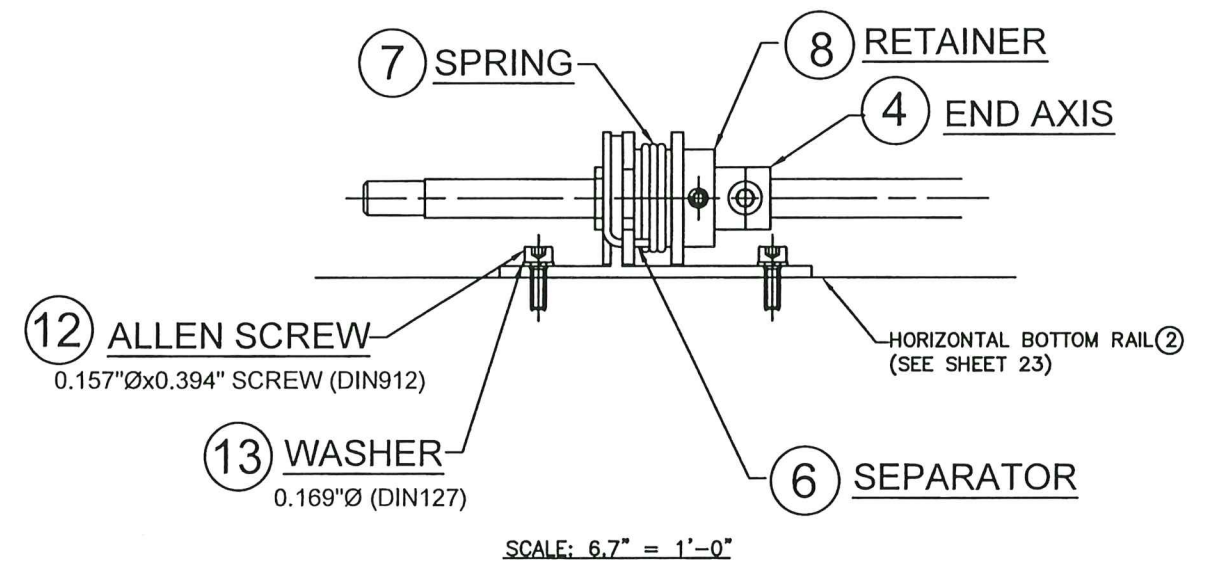
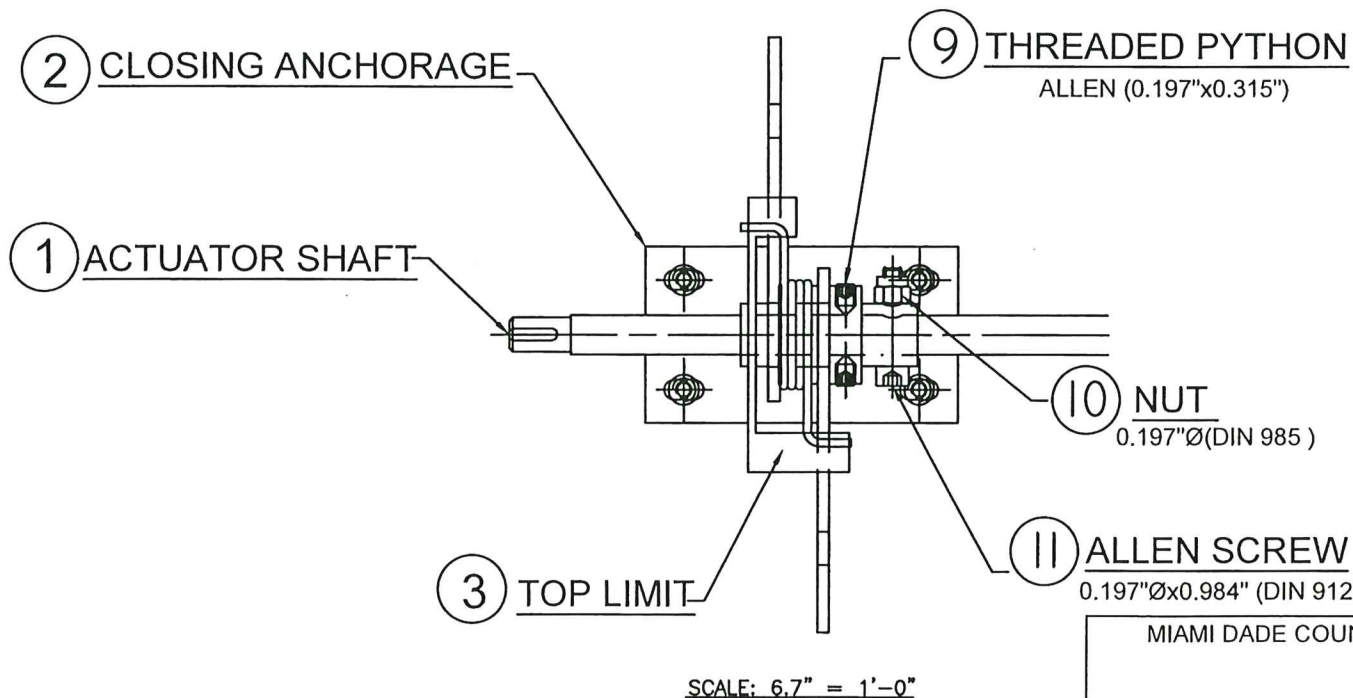
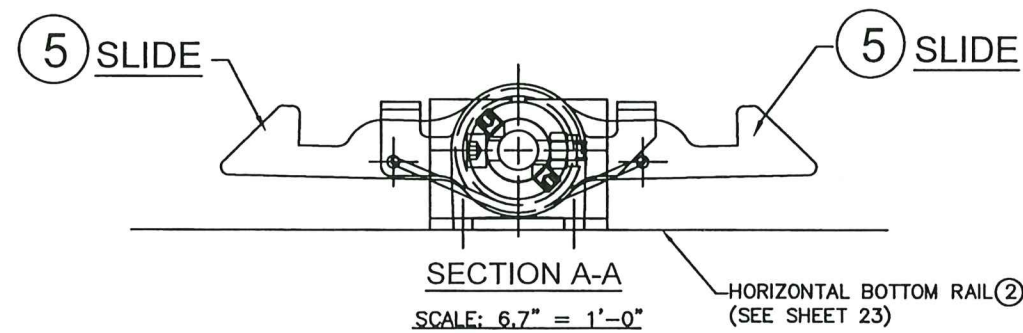
SHEET 26 OF 33

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



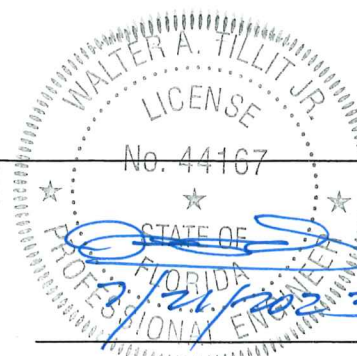
LOCKING ASSEMBLY FOR DOORS @ BOTTOM

SCALE: 4.4" = 1'-0"
REQUIRES:(1) PER UNIT



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0816-23
Expiration Date 22 OCT 2025
By *Hesha P. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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WALTER A. TILLIT Jr., P. E.
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DISPLAY UNIT

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8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

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Y.M.

7/21/2023

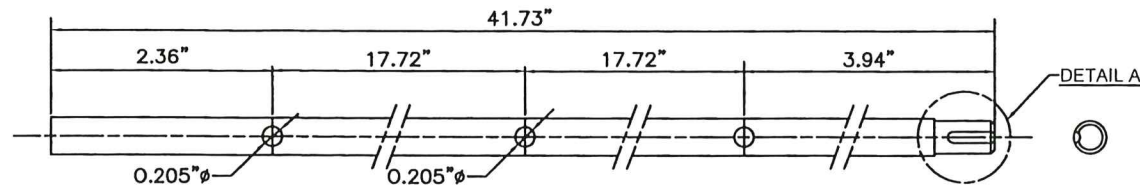
DATE:

23-121
DRAWING No.

SHEET 27 OF 33

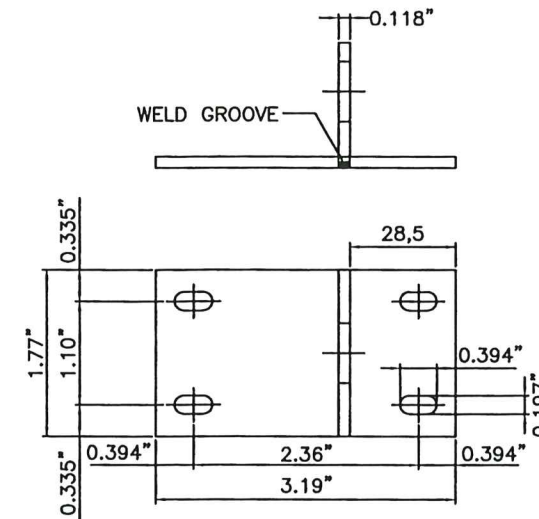
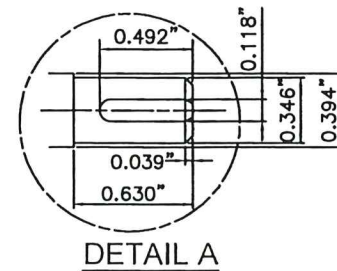
LOCKING DEVICE
ASSEMBLY

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



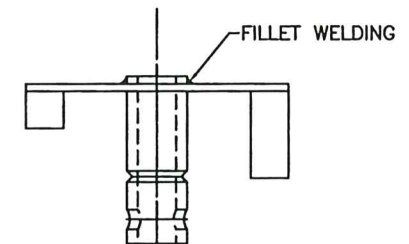
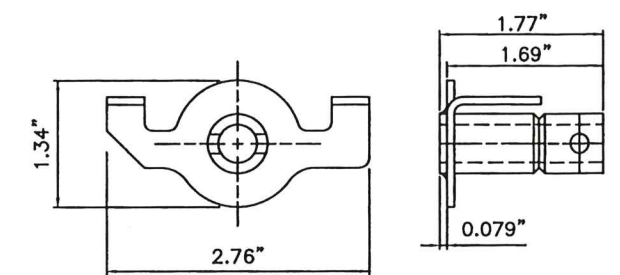
1 ACTUATOR SHAFT

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 1 PER SET



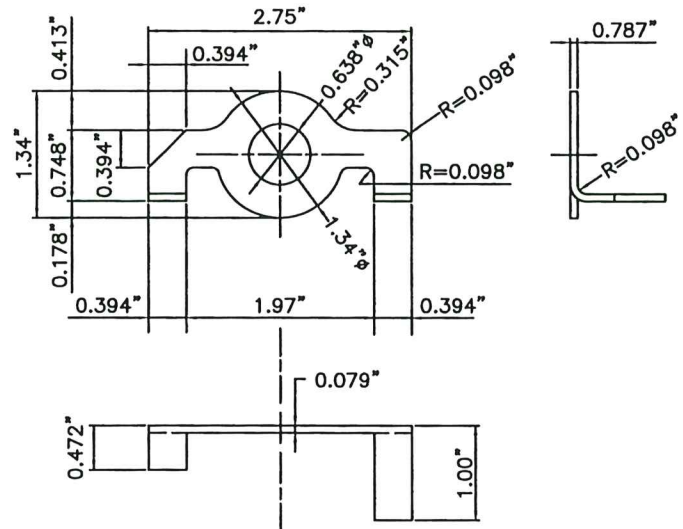
2 CLOSER ANCHORAGE

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 1 PER SET



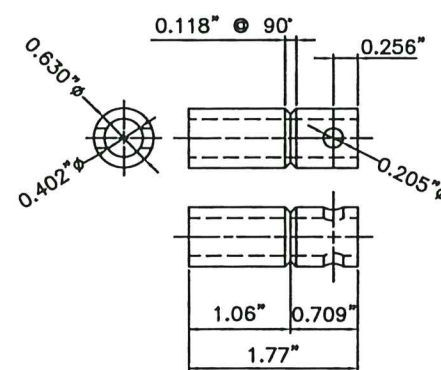
TOP END GROUP

ALL WELDED PIECES
COMPRISED OF TOP END &
END SHAFT



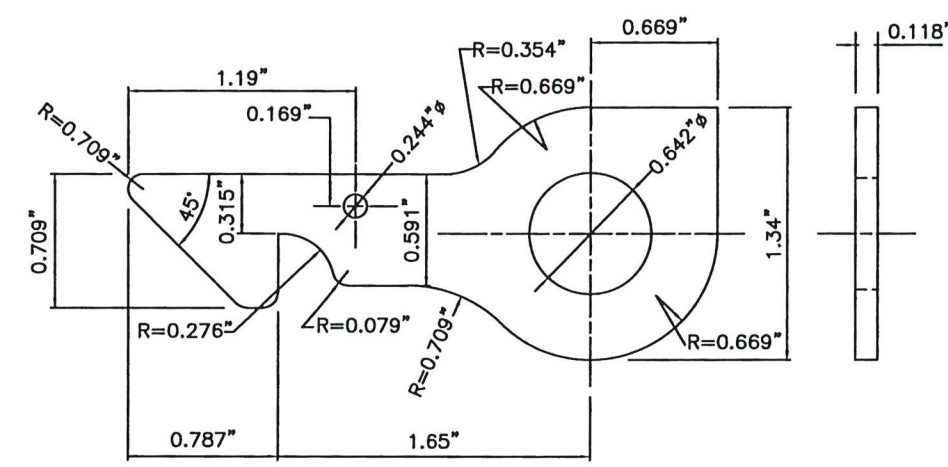
3 TOP LIMIT (END)

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET



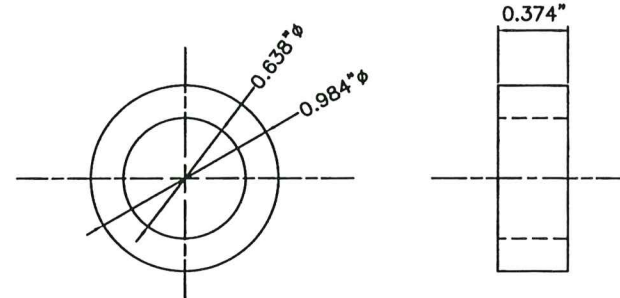
4 END AXIS

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET



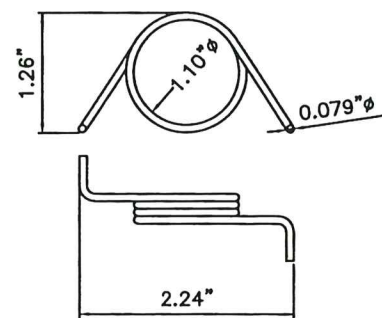
5 SLIDE

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 4 PER SET



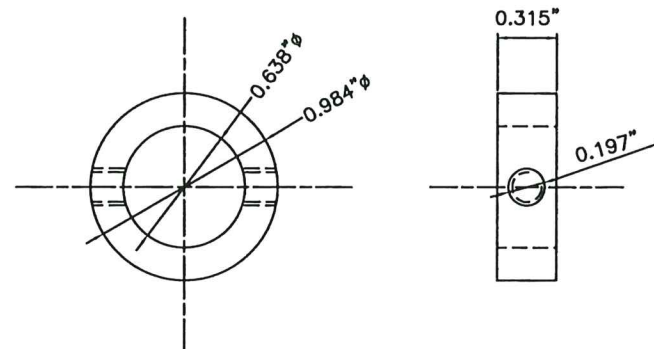
6 SEPARATOR

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET



7 SPRING

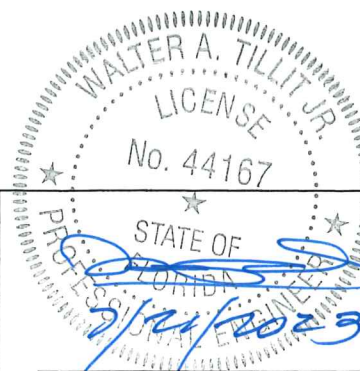
MATERIAL: SCHOCK WIRE
QUANTITY: 2 PER SET



8 RETAINER

MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILLECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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Phone: (305) 871-1530, Fax: (305) 871-1531
e-mail: tillitco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

DATE:

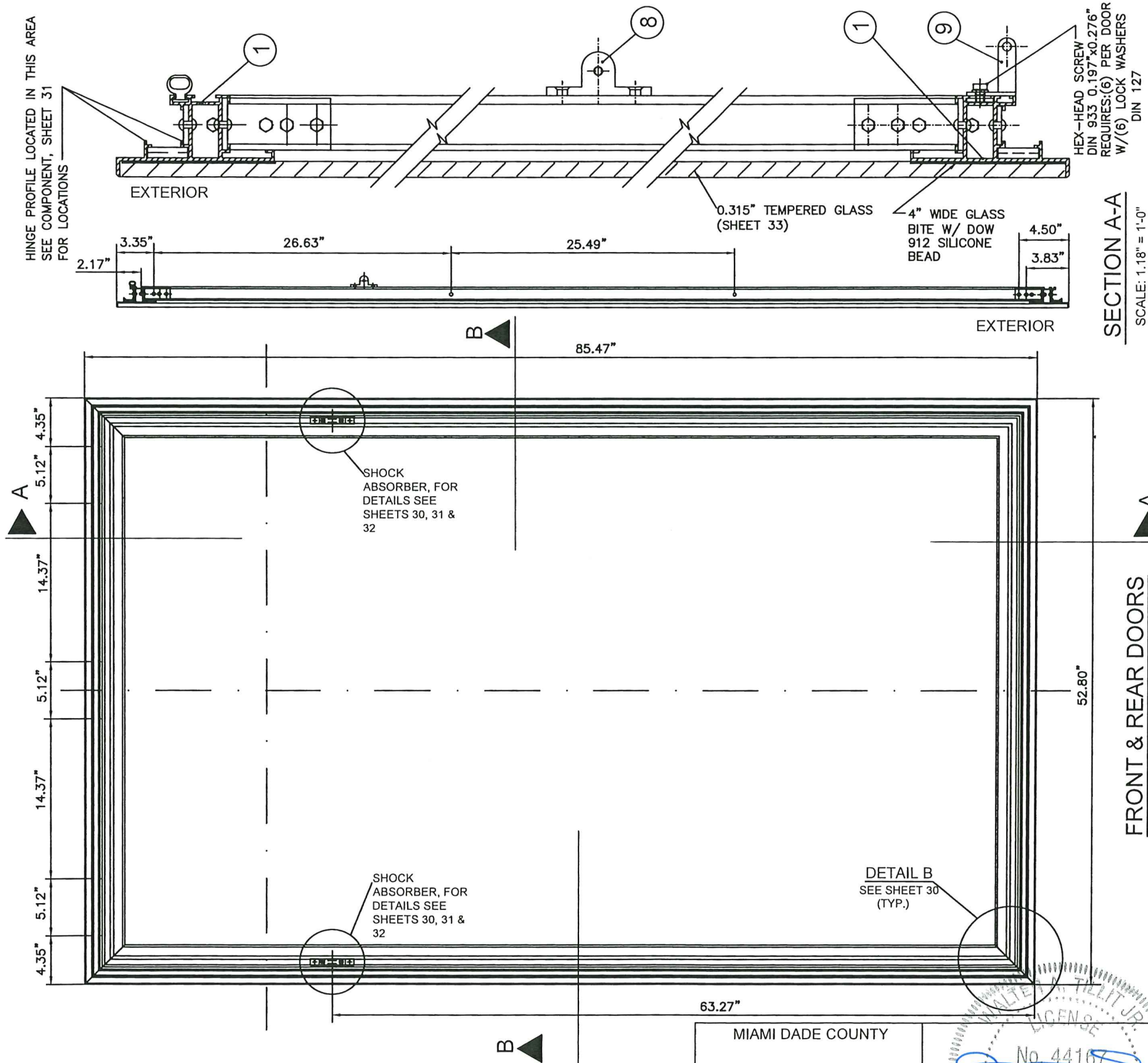
23-121
DRAWING No.

SHEET 28 OF 33

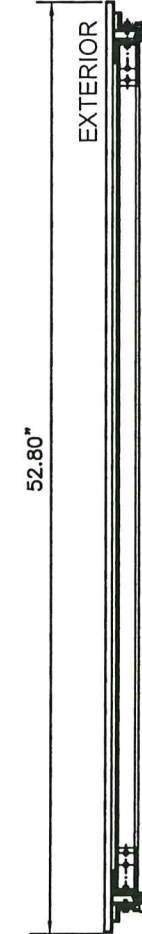
LOCKING ASSEMBLY
COMPONENTS

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions

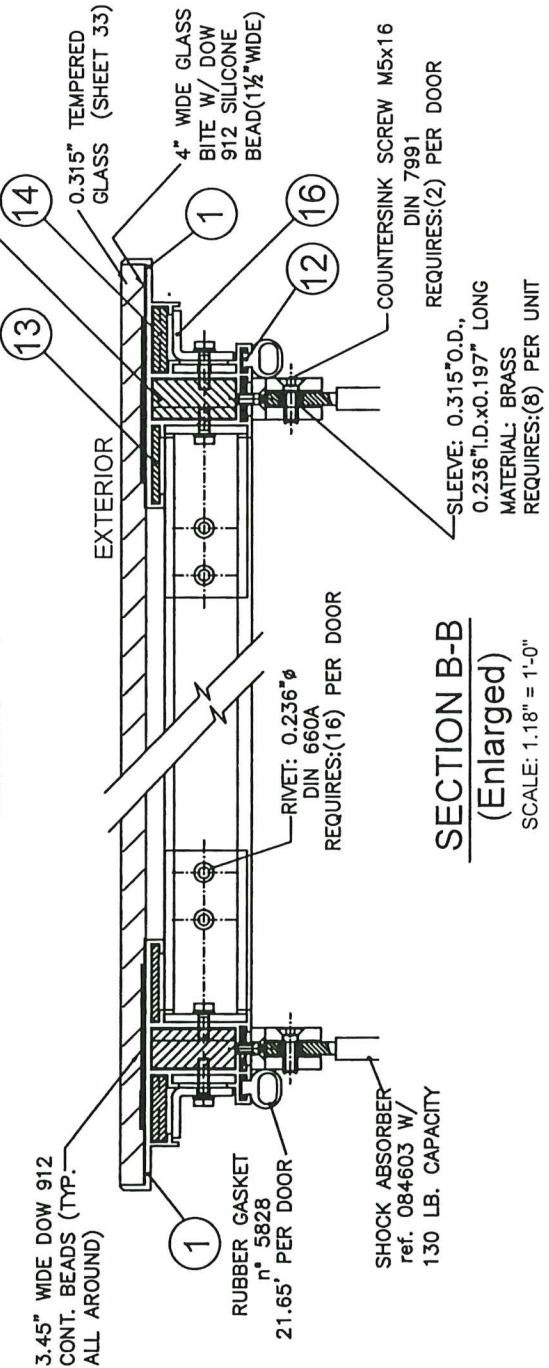
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By: *Helga Miller*
Miami Dade Product Control



**SECTION A-A
(Enlarged)**
SCALE: 1.18" = 1'-0"



**SECTION B-B
(Enlarged)**
SCALE: 1.18" = 1'-0"



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816.23
Expiration Date 22 OCT 2025
By *H. G. P. M.*
Miami Dade Product Control

MIAMI DADE COUNTY

WALTER A. TILLIT JR.
P.E. SEAL/SIGNATURE/DATE

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TILLIT TESTING & ENGINEERING COMPANY
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DRAWING BY:
Y.M.

7/21/2023

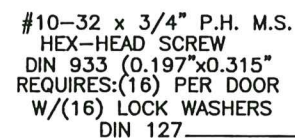
DATE:

23-121
DRAWING No.

SHEET 29 OF 33

DOOR FRAME

1	7/21/23	OLD 20-032
No.	Date:	Description:
		Revisions



DOOR FRAME CORNER



SCALE: 4.7" = 1'-0"
MATERIAL: 6005-T5 ALUM. ALLOY
THICKNESS: .078"



REQUIRES:(4) PER DOOR
MATERIAL: STAINLESS STEEL AISI 304L



REQUIRES:(4) PER DOOR
MATERIAL: STAINLESS STEEL AISI 304L



SCALE: 4.7" = 1'-0"
REQUIRES:(8) PER DOOR
THICKNESS: 0.118"
MATERIAL: STAINLESS STEEL AISI 304L



REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L



REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L



REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL
(TAMPERPROOF) DIN 471



SCALE: 4.7" = 1'-0"
REQUIRES:(8) PER OPPI
ALUMINUM EXTRUSION, 6063-T5 ALUM. ALLOY



REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL, AISI 304L



REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL, AISI 304L

MIAMI DADE COUNTY

No. 44167

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DISPLAY UNIT

OUTFRONT MEDIA, INC.
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Doral, FL 33122
Phone (786) 646-9136

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Y.M.

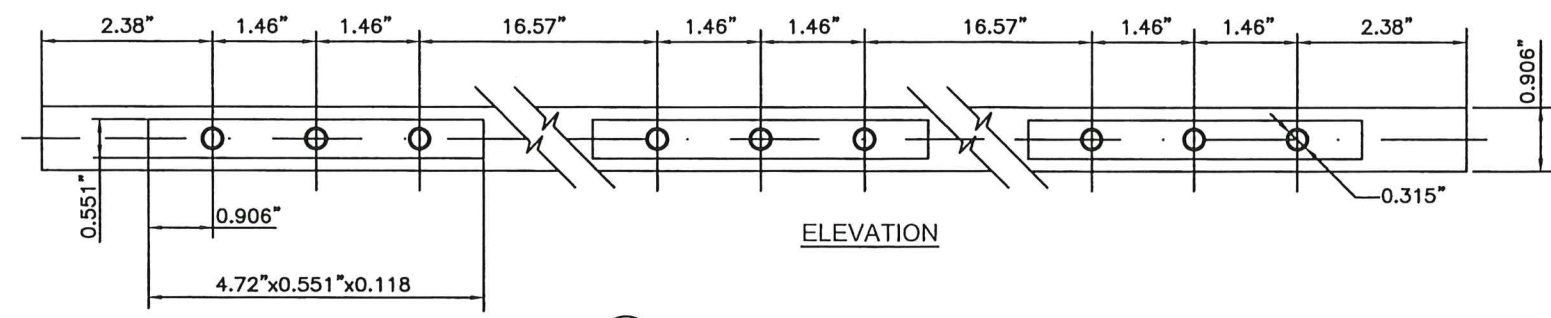
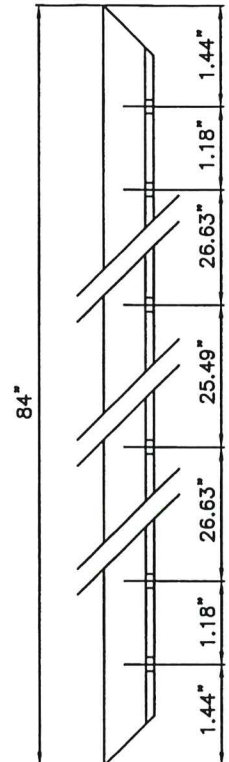
7/21/2023

DATE:

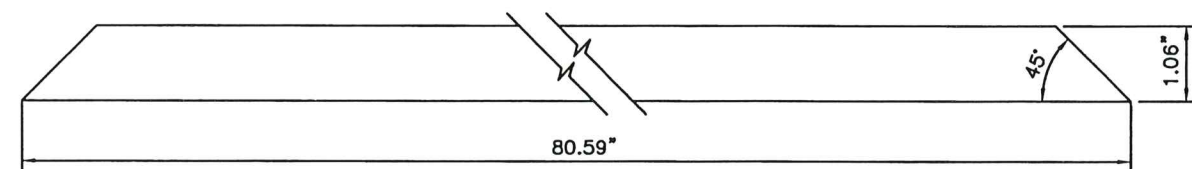
23-121
DRAWING No.

SHEET 30 OF 33

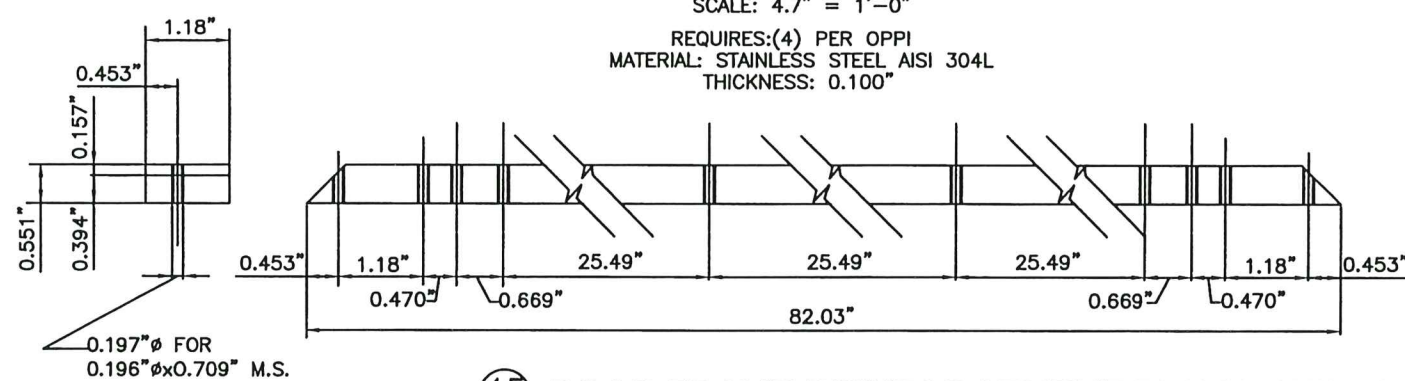
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. ~~23-08~~ 16-23
Expiration Date ~~22 OCT~~ 2025
By *H. G. A. M. M.*
Miami Dept. Product Control



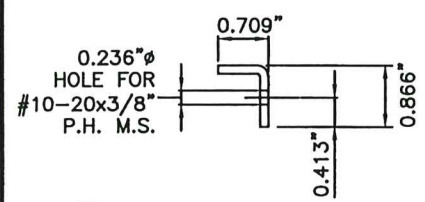
11 DOOR HINGE FIXING PLATE
 SCALE: 4.7" = 1'-0"
 REQUIRES: (1) PER OPPI
 MATERIAL: STAINLESS STEEL AISI 304L
 THICKNESS: 0.197"



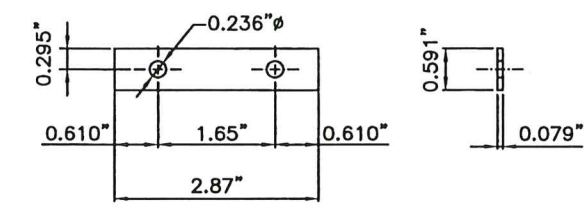
13 DOOR FRAME REINFORCEMENT PLATE: STILES
 SCALE: 4.7" = 1'-0"
 REQUIRES: (4) PER OPPI
 MATERIAL: STAINLESS STEEL AISI 304L
 THICKNESS: 0.100"



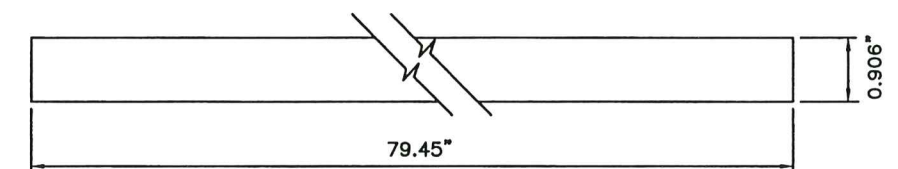
15 DOOR FRAME REINFORCEMENT PLATE: STILES
 SCALE: 4.7" = 1'-0"
 REQUIRES: (4) PER OPPI
 MATERIAL: STAINLESS STEEL AISI 304L
 THICKNESS: (0.157" + 0.394") PLATES
 = 0.551" TOTAL THICKNESS FOR BOTH PLATES



16 "L" DOOR FRAME REINFORCEMENT PLATE
 SCALE: 4.7" = 1'-0"
 REQUIRES: (4) PER OPPI
 MATERIAL: STAINLESS STEEL AISI 304L
 THICKNESS: 0.125"



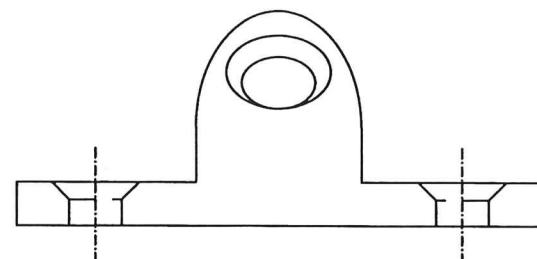
12 FIXING PLATE FOR SHOCK ABSORBER
 SCALE: 4.7" = 1'-0"
 REQUIRES: (4) PER OPPI
 MATERIAL: STAINLESS STEEL AISI 304L
 THICKNESS: 0.079"



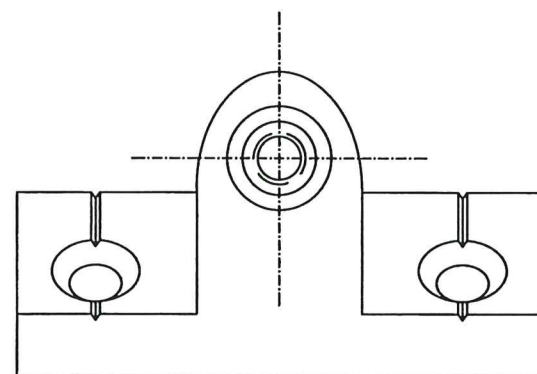
14 DOOR FRAME REINFORCEMENT PLATE: STILES
 SCALE: 4.7" = 1'-0"
 REQUIRES: (4) PER OPPI
 MATERIAL: STAINLESS STEEL AISI 304L
 THICKNESS: 0.197"

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 23-0816.23
 Expiration Date 22 OCT 2025
 By Hege A. Miller
 Miami Dade Product Control

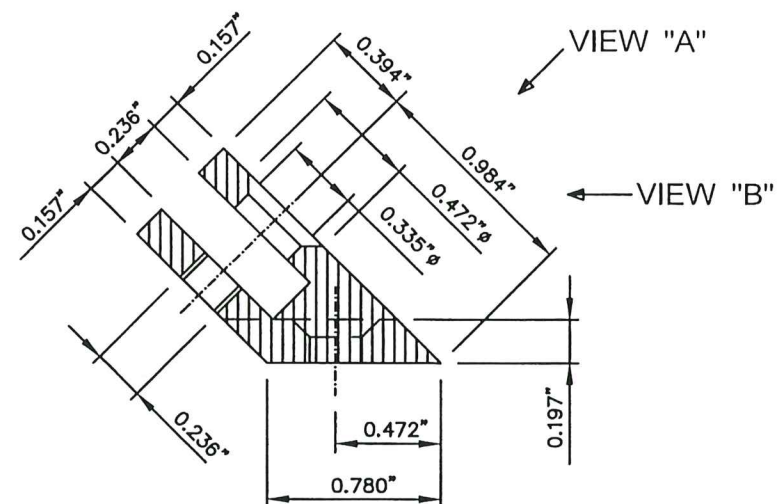
MIAMI DADE COUNTY	WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER P.E. SEAL/SIGNATURE/DATE	TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305) 871-1530, Fax: (305) 871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	OPPI PAL-LI SOLAR DISPLAY UNIT	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136	DRAWING BY: Y.M. 7/21/2023 DATE: 23-121 DRAWING No. SHEET 31 OF 33
			DOOR FRAME COMPONENTS	1 7/21/23 OLD 20-032 No. Date: Description: Revisions	



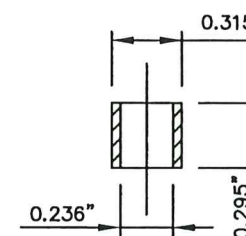
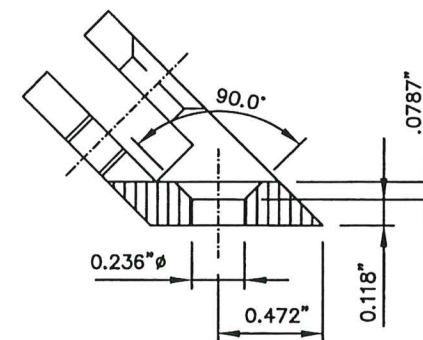
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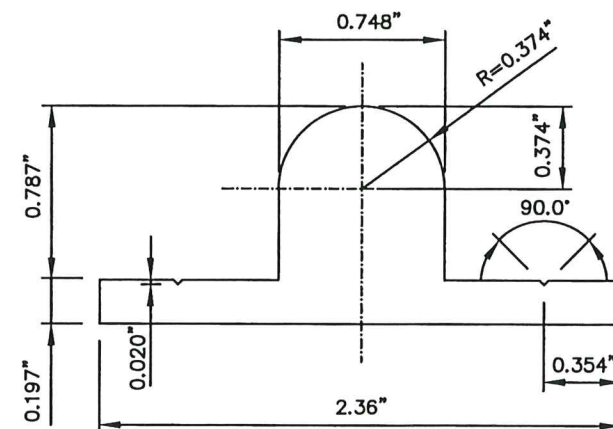
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PLAN

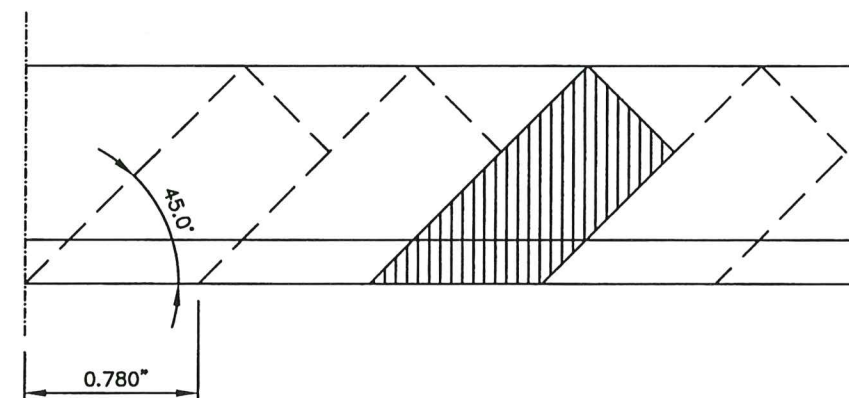


SECTION - SLEEVE / BUSHING



TYPICAL SECTION

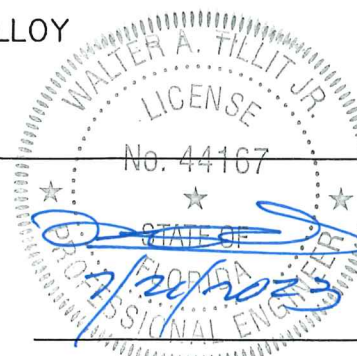
6063-T5 ALUM. ALLOY



SECTION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025
By *Hesya Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

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
e-mail: tileco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

OPPI PAL-LI SOLAR
DISPLAY UNIT

OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

DRAWING BY:
Y.M.

7/21/2023

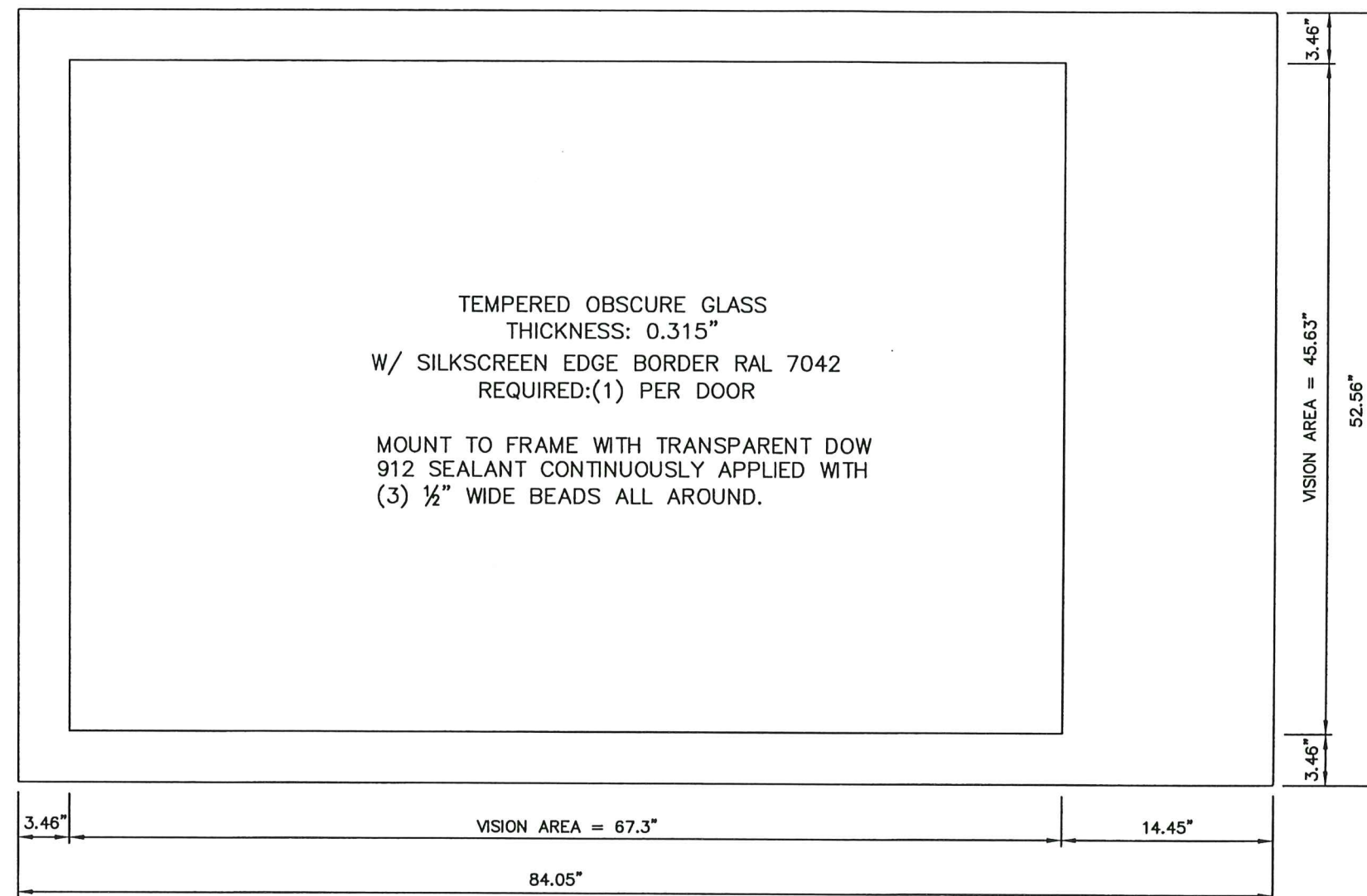
DATE:

23-121
DRAWING No.

SHEET 32 OF 33

SHOCK ABSORBER
SUPPORT BRACKET

1	7/21/23	OLD 20-032
No.	Date	Description
		Revisions



VISION PANEL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **23-0816-23**
Expiration Date **22 OCT 2025**
By *Hegda*
Miami Dade Product Control

MIAMI DADE COUNTY	No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER P.E. SEAL/SIGNATURE/DATE	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 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	OPPI PAL-LI SOLAR DISPLAY UNIT	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136	DRAWING BY: Y.M.																		
					7/21/2023																		
					DATE:																		
			VISION PANEL	<table><tr><td>1</td><td>7/21/23</td><td>OLD 20-032</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>No.</td><td>Date:</td><td>Description:</td></tr><tr><td colspan="3">Revisions</td></tr></table>	1	7/21/23	OLD 20-032										No.	Date:	Description:	Revisions			23-121 DRAWING No.
1	7/21/23	OLD 20-032																					
No.	Date:	Description:																					
Revisions																							
				SHEET 33 OF 33																			