



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 Renewal 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 **renews NOA #23-0816.23** 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
04/09/26

NOA No. 26-0317.04
Expiration Date: 10/22/2030
Approval Date: 04/09/2026

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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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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:

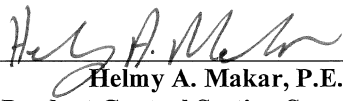
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

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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Product Control Section Supervisor
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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:

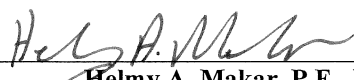
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

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. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-0816.23

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.*

9. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. *None.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE:

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

E. MATERIAL CERTIFICATION:

1. *None.*

F. OTHERS

1. *Letter of compliance to the FBC, 2023 Edition, issued by Tilteco, Inc., dated 02/24/26, signed and sealed by Walter A. Tillit Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 26-0317.04
Expiration Date: 10/22/2030
Approval Date: 04/09/2026

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 psi 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.

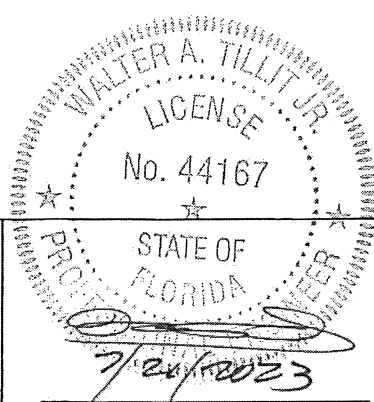
7.- FINISH COLOR FOR MIAMI BUS SHELTER & OPPI PAL-LI SOLAR DISPLAY PANEL IS NOT PART OF THIS APPROVAL, BUT SHALL BE DEFINED AS PER AGREEMENT BETWEEN MANUFACTURER AND OWNER OF BUS SHELTER/OPPI.

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.

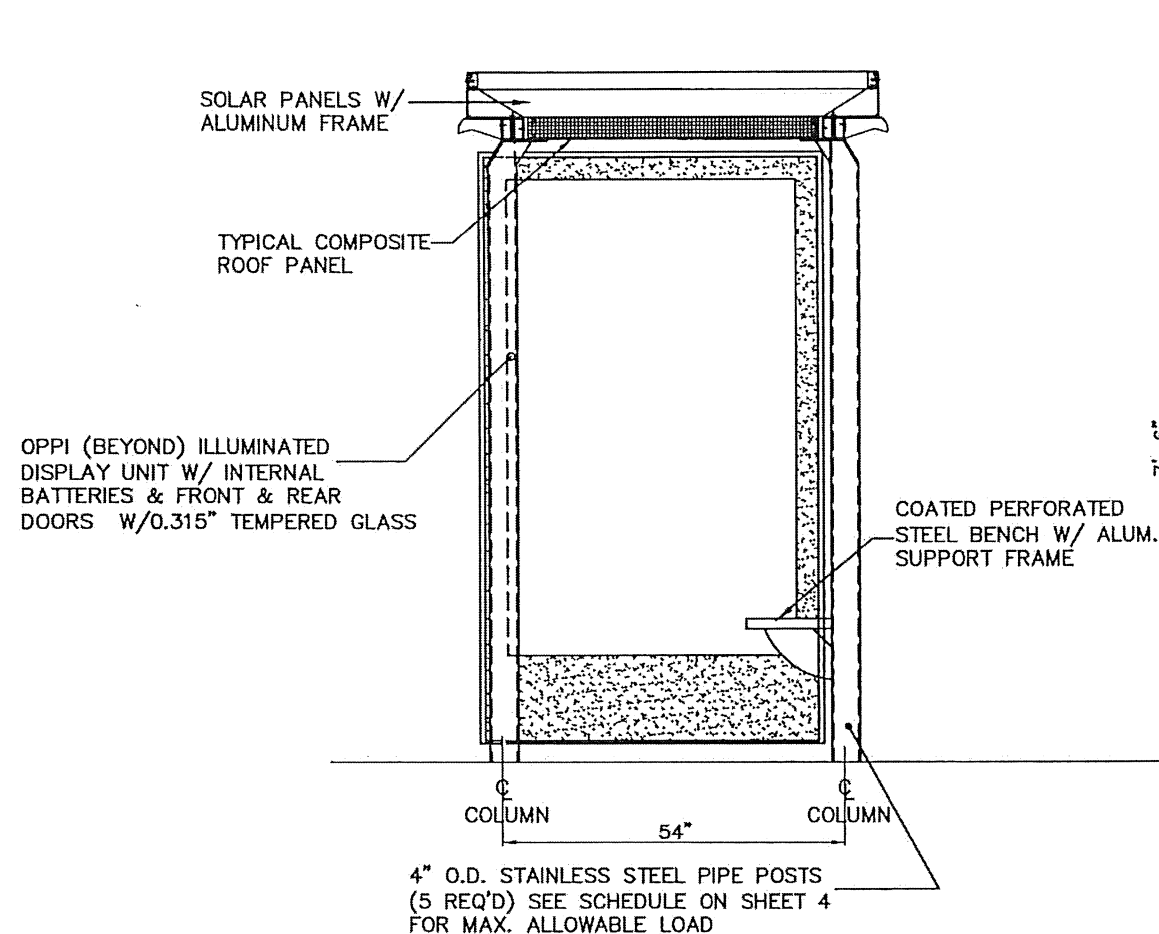
9. LABELING OF THIS PRODUCT SHALL COMPLY W/ MIAMI DADE COUNTY REGULATIONS AND THE FLORIDA BUILDING CODE.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 26-0317.04
Expiration Date 10/22/2030
By *Hesha M. Mohr*
Miami Dade Product Control

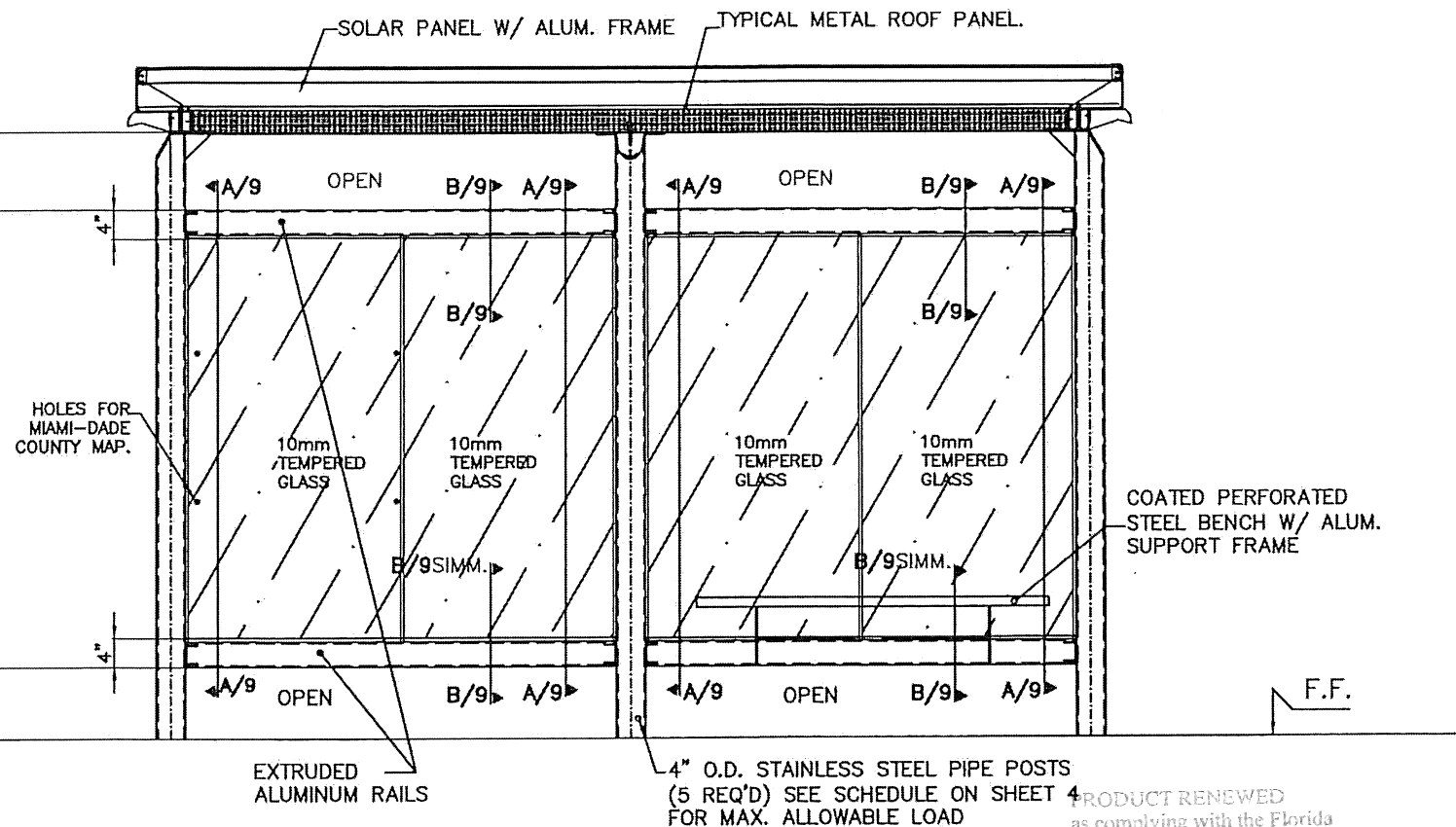
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-0816.23
Expiration Date 10/22/2025
By *Hesha M. Mohr*
Miami Dade Product Control



MIAMI DADE COUNTY		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	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.
			GENERAL NOTES		7/21/2023 DATE:
					23-121 DRAWING No.
					SHEET 1 OF 33



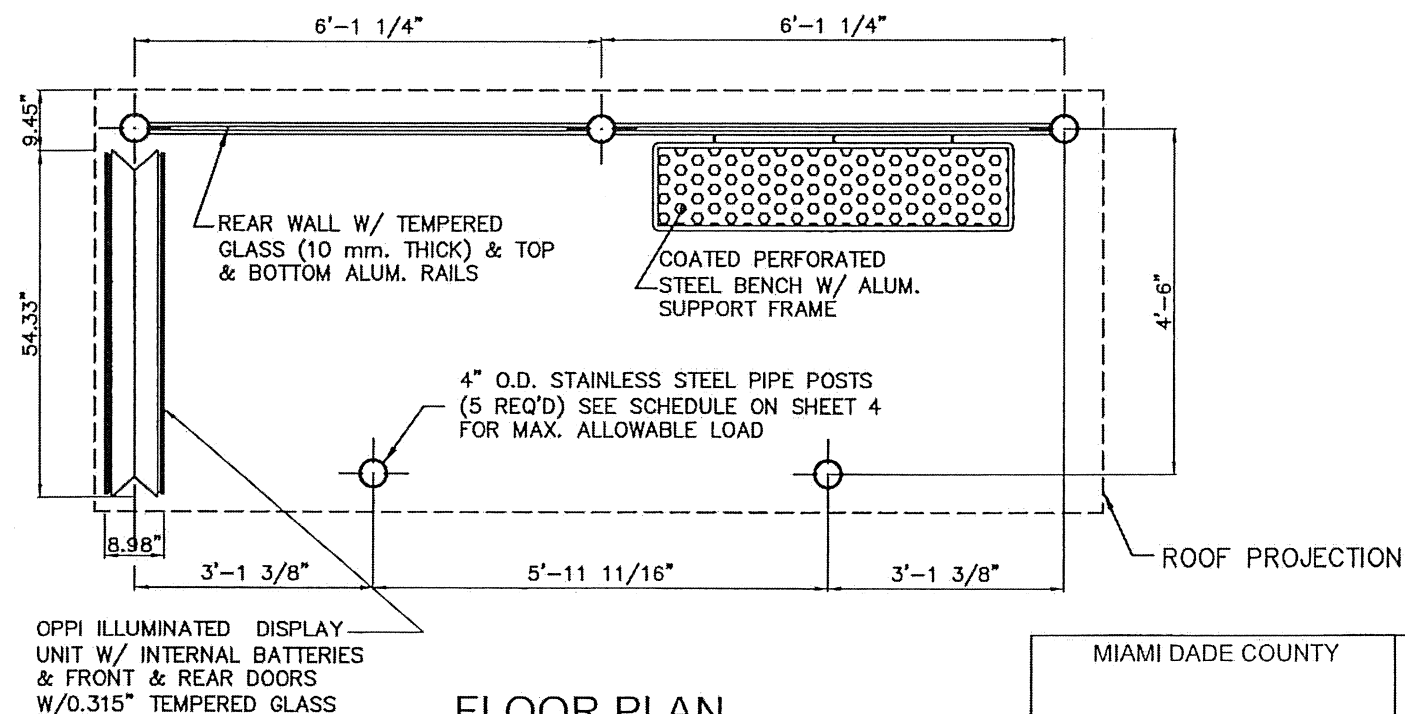
RIGHT SIDE ELEVATION



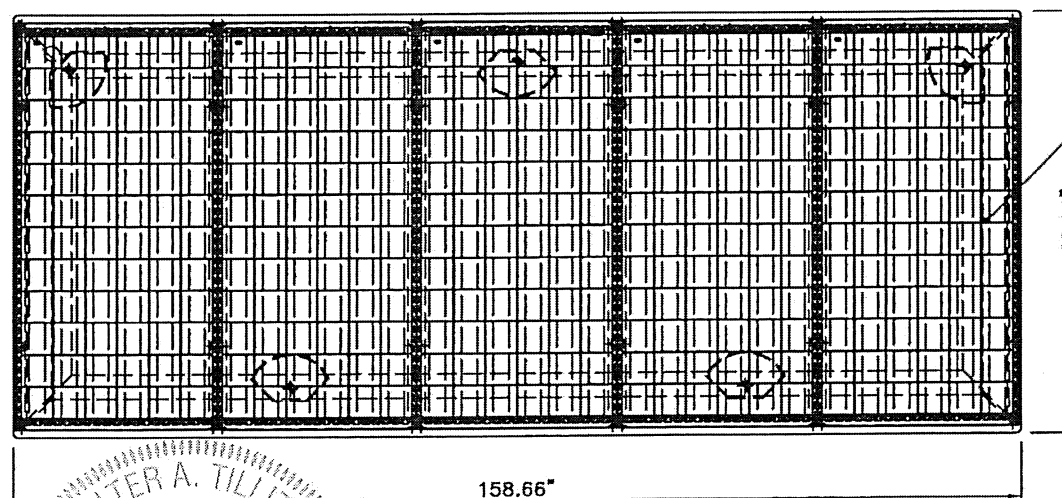
REAR WALL ELEVATION

NOTE : OPPI ILLUMINATED DISPLAY DO NOT SHOWN FOR CLARITY

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Hely A. Tillit*
Miami Dade Product Control



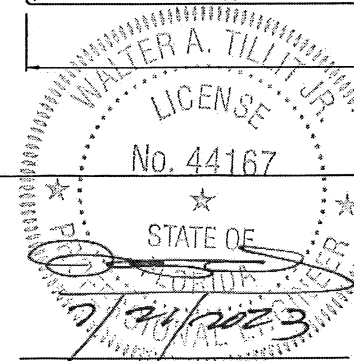
FLOOR PLAN



ROOF PLAN

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816
Expiration Date 22 OCT 2023
By *Hely A. Tillit*
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

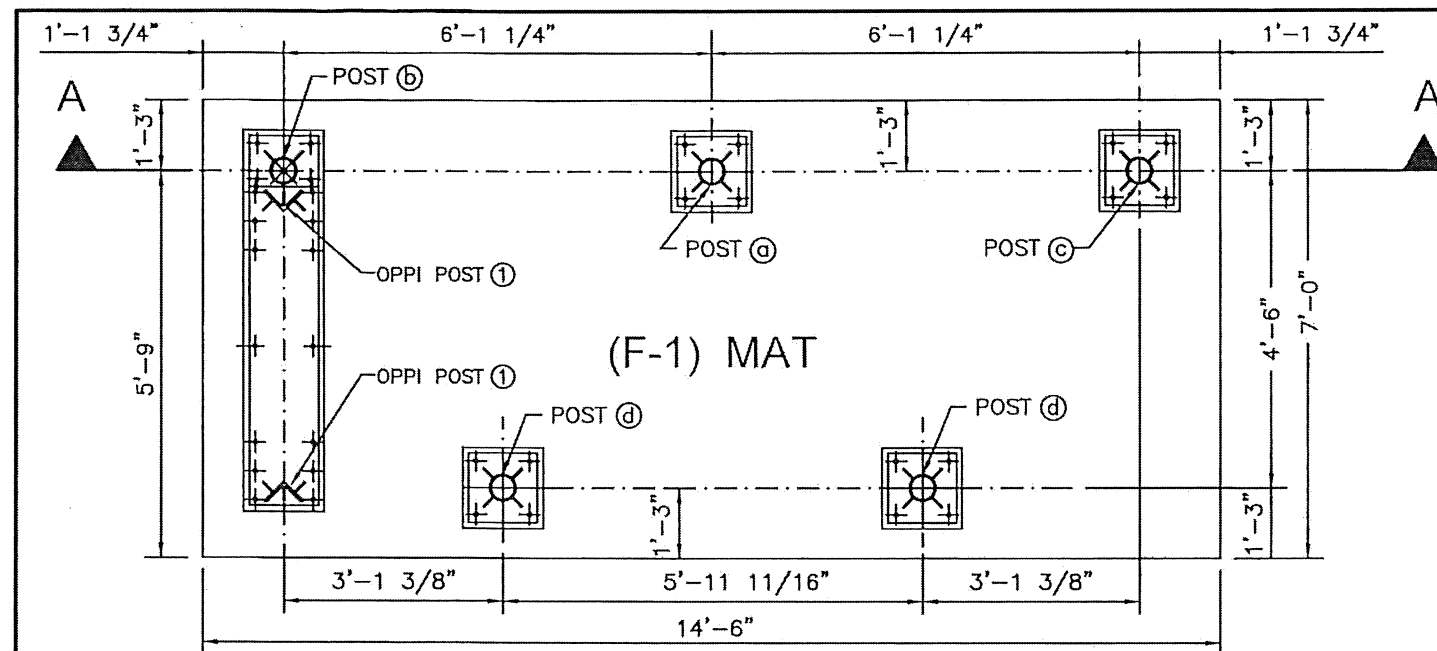
DATE:

23-121
DRAWING No.

SHEET 2 OF 33

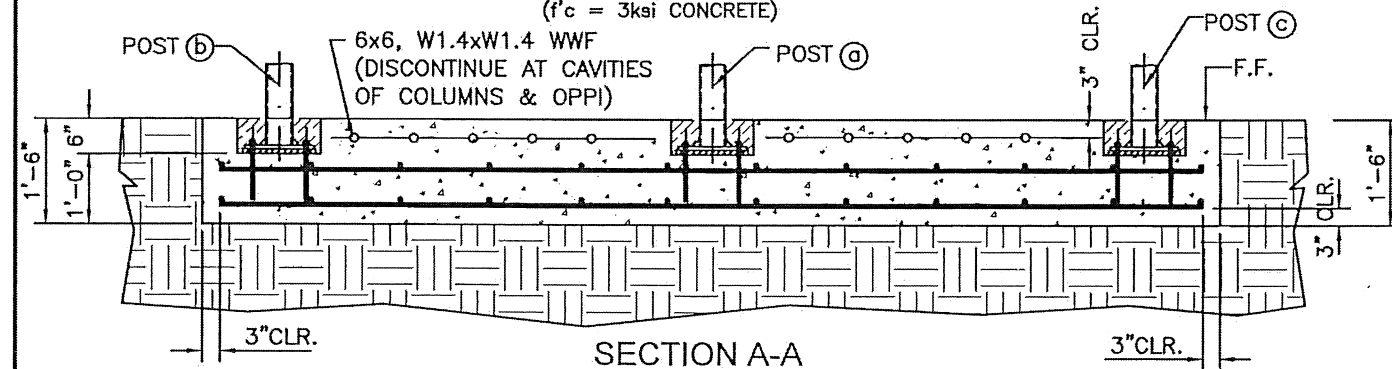
PLANS & ELEVATIONS

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



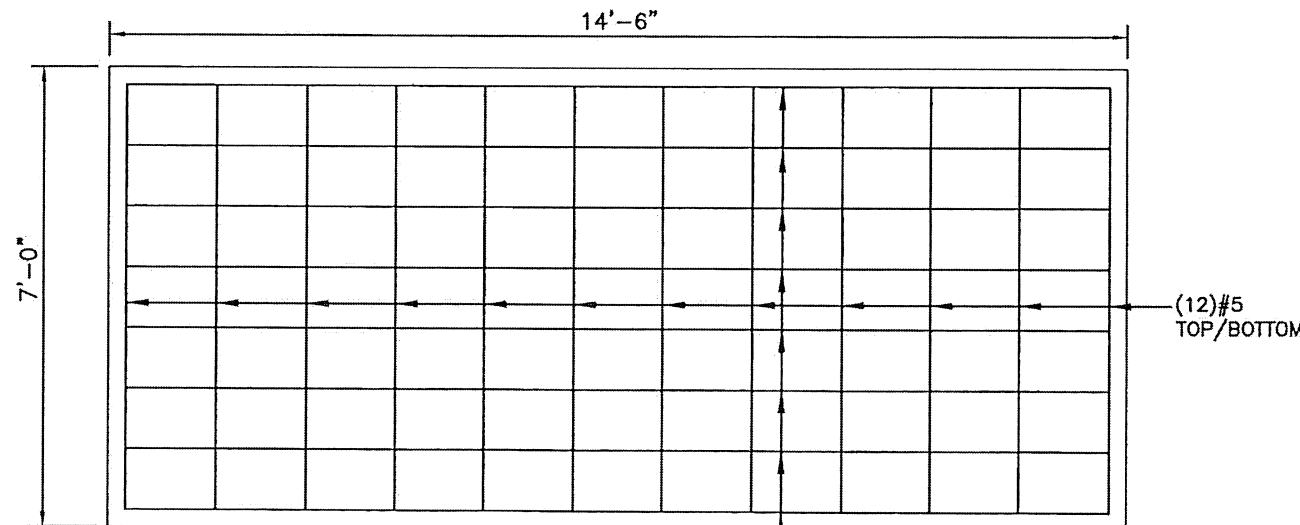
MAT FOUNDATION PLAN BUS SHELTER & OPPI

($f'_c = 3\text{ksi CONCRETE}$)



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

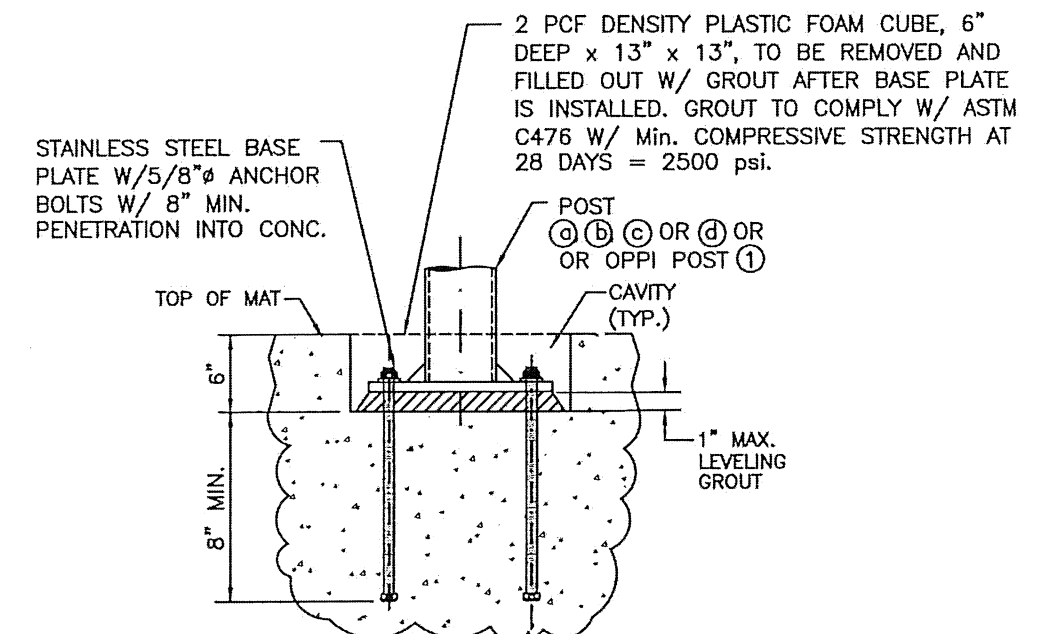
MIAMI DADE COUNTY

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 RENEWED

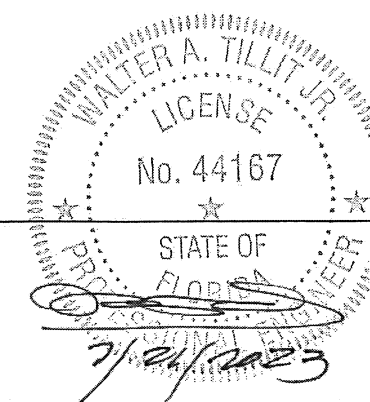
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2038

By *Walter A. Tillit Jr.*
Miami Dade Product Control

PRODUCT REVISED

as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 22 OCT 2025

By *Walter A. Tillit Jr.*
Miami Dade Product Control



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

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:

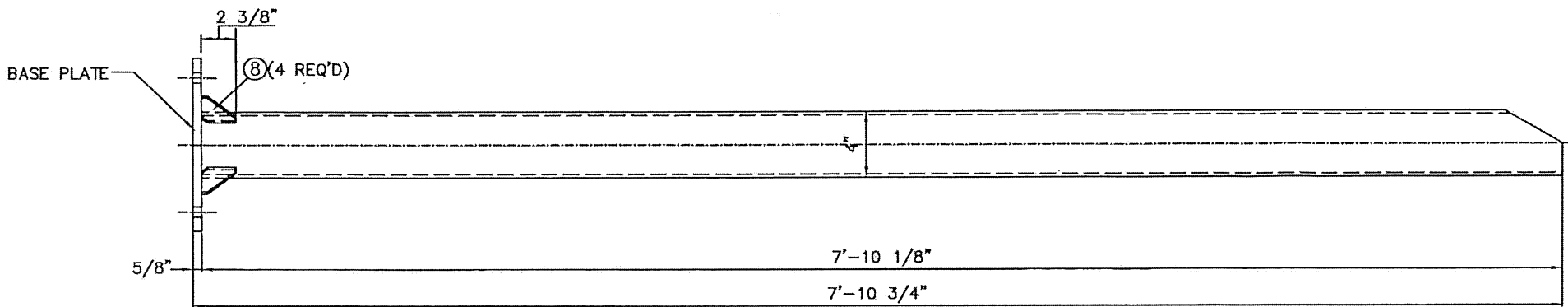
23-121
DRAWING No.

SHEET 3 OF 33

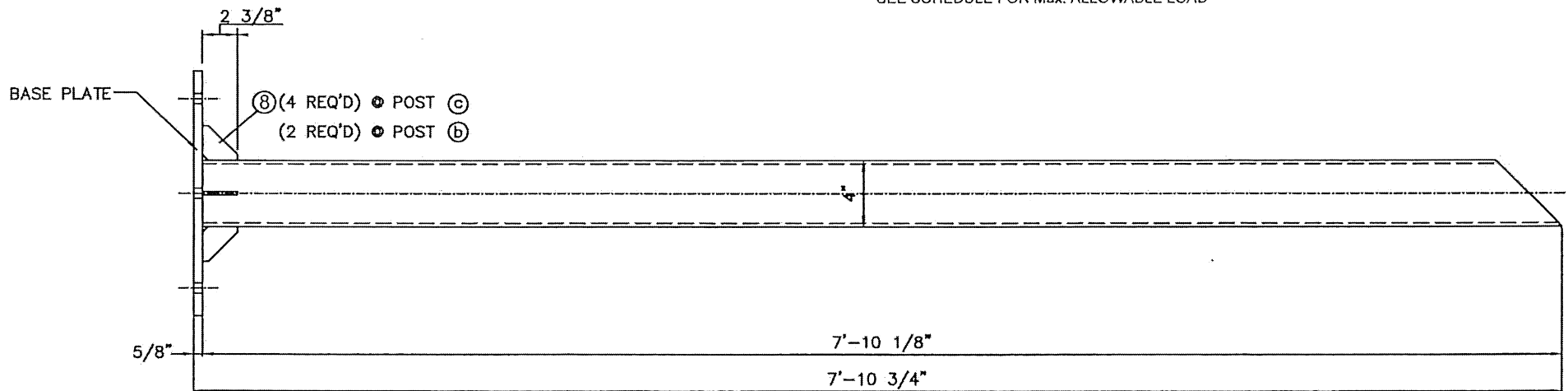
FOUNDATION PLAN
& SCHEDULE

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

POST SCHEDULE



① POST TYPE A
SCALE: 1.15" = 1'-0"
VALID FOR POSTS (a) AND (d) (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 (b) AND (c) (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

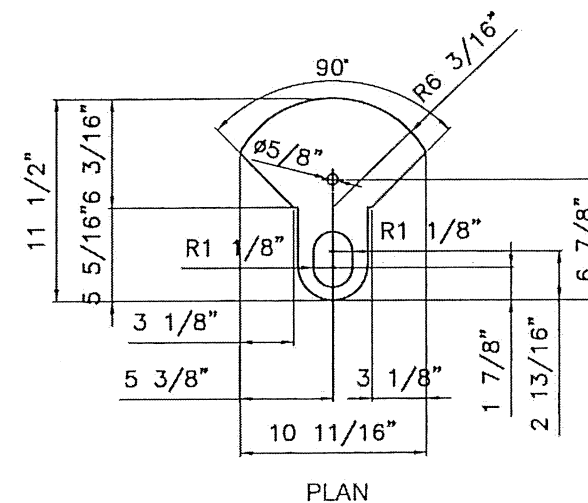
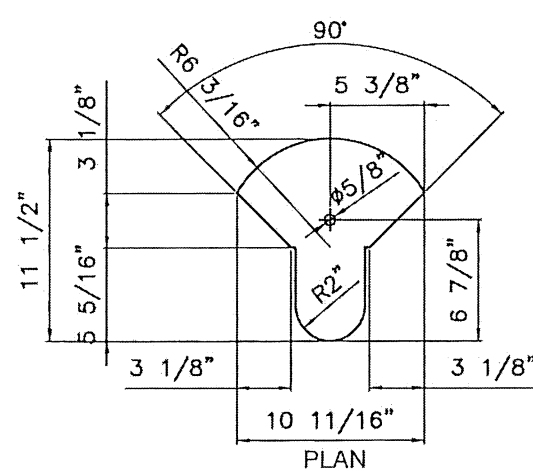
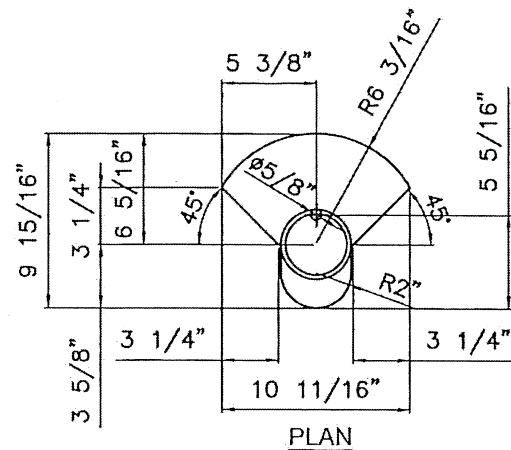
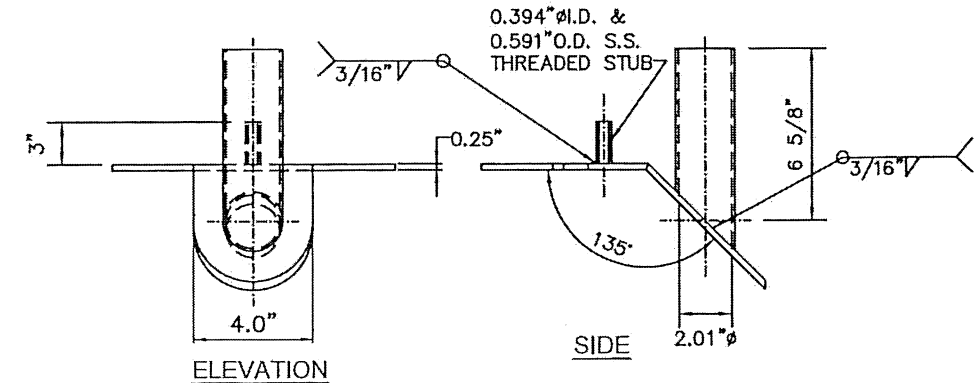
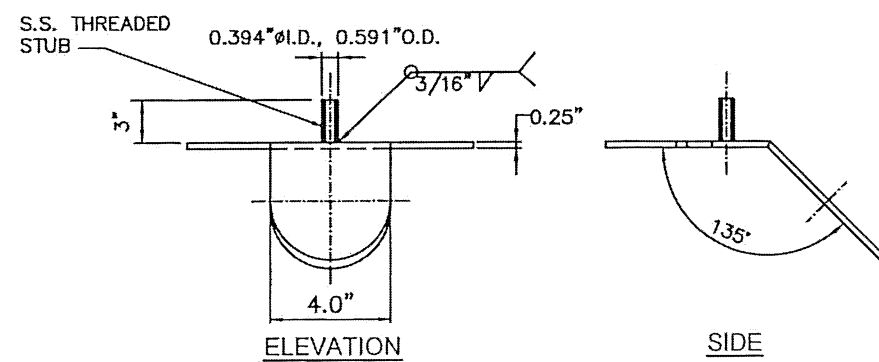
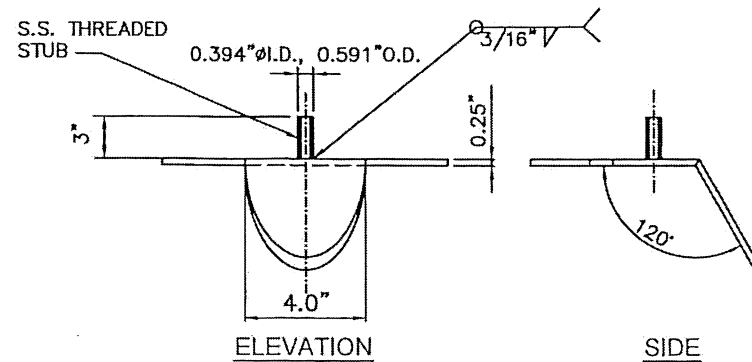
BUS SHELTER POST COMPONENTS

NOTE: SEE COMPONENT (8) ON SHEET 5

PRODUCT RENEWED
as complying with the Florida
Building Code 26 - 0 3 1 7 . 0 4
Acceptance No. 22 OCT 2030
Expiration Date
By *Walter A. Tillit Jr.*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 23 - 0 8 1 6 . 2 3
Acceptance No. 22 OCT 2025
Expiration Date
By *Walter A. Tillit Jr.*
Miami Dade Product Control

MIAMI DADE COUNTY			BUS SHELTER MIAMI	OUTERFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136	DRAWING BY: Y.M.
			POST ELEVATIONS		7/21/2023 DATE:
	P.E. SEAL/SIGNATURE/DATE				23-121 DRAWING No.
					SHEET 4 OF 33

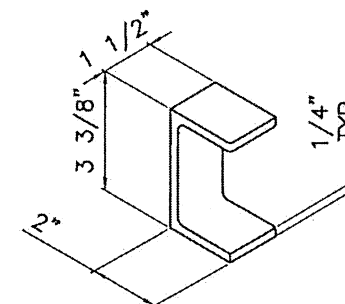
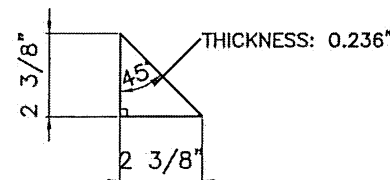
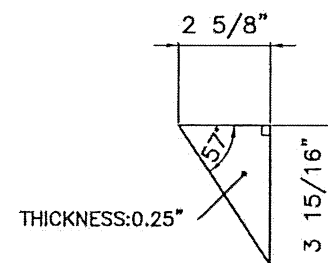
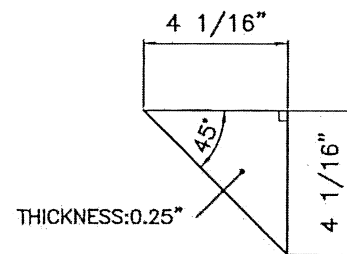


③ POST CAP PLATE TYPE A
VALID FOR POSTS (a) & (d)
REQUIRES:(3) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.

④ POST CAP PLATE TYPE B
VALID FOR POSTS (c)
REQUIRES:(1) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.

⑤ POST CAP PLATE TYPE C
VALID FOR POSTS (b)
REQUIRES:(1) PER UNIT
MATERIAL: STAINLESS STEEL, AISI 304
N.T.S.

PRODUCT RENEWED
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Expiration Date 22 OCT 2030
By *Helga H. Miller*
Miami Dade Product Control



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.

⑧ POST BASE PLATE GUSSET
REQUIRES:(20) 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 *Helga H. Miller*
Miami Dade Product Control

BUS SHELTER POST COMPONENTS

MIAMI DADE COUNTY

MIAMI DADE COUNTY
No. 44167
7/20/2023
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: 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

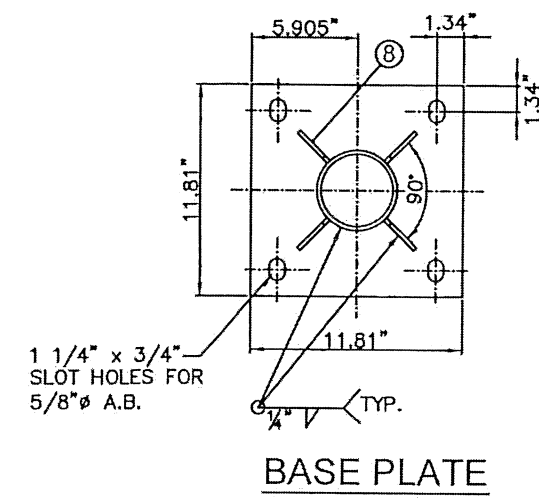
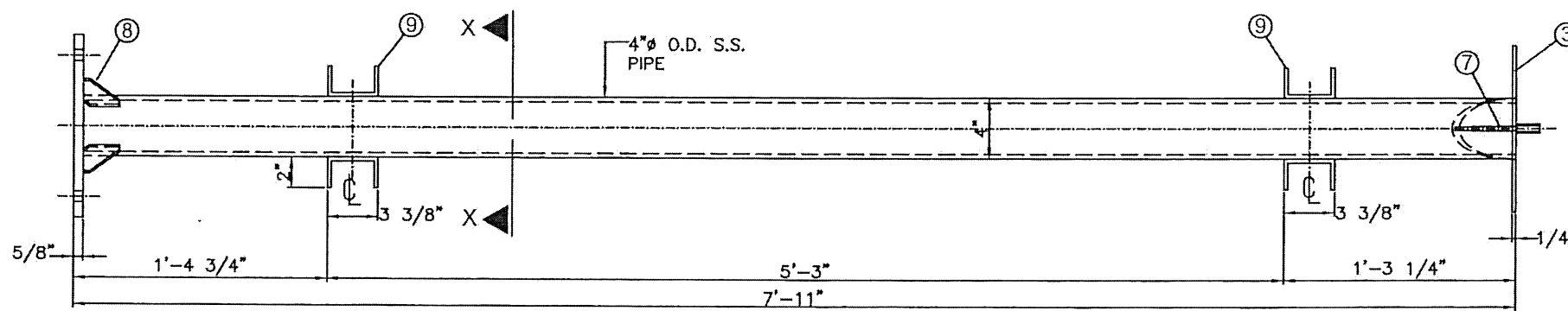
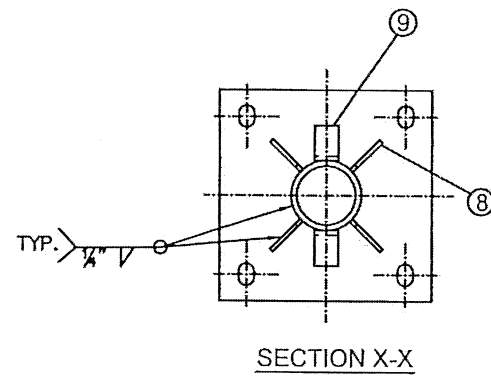
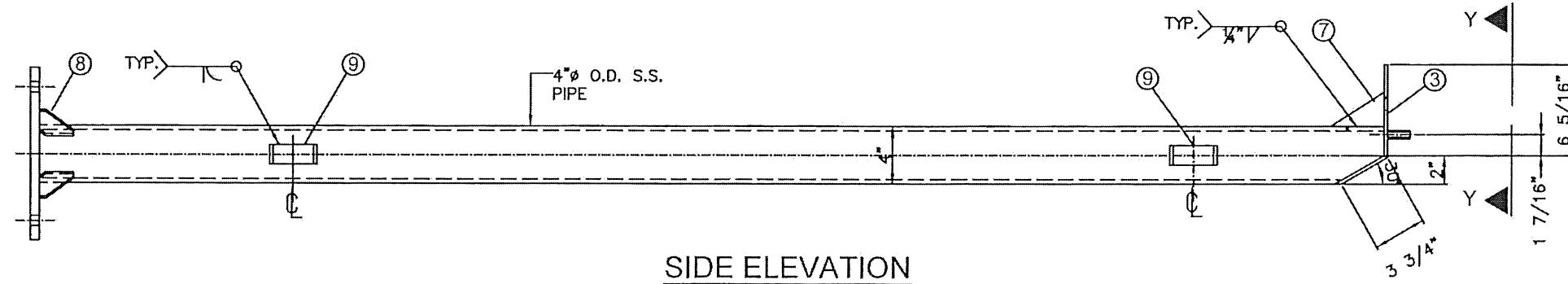
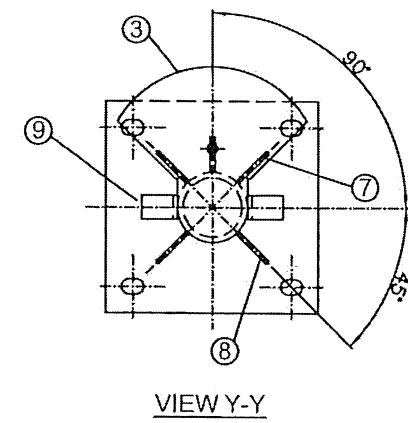
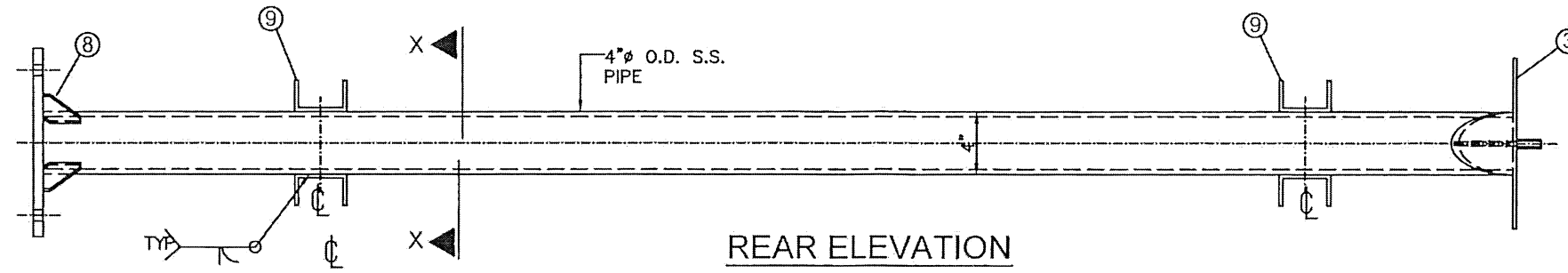
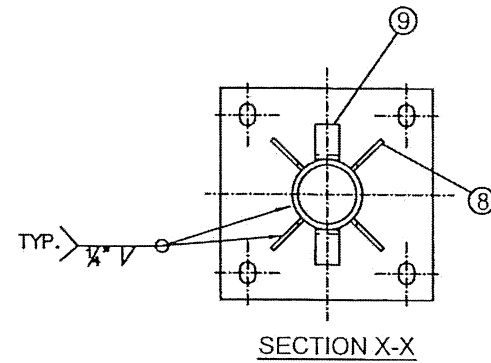
DATE:

23-121
DRAWING No.

SHEET 5 OF 33

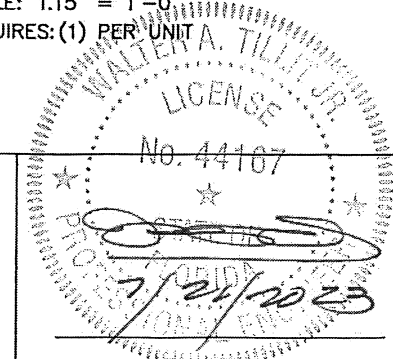
POST COMPONENTS

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



(a) REAR CENTER POST

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

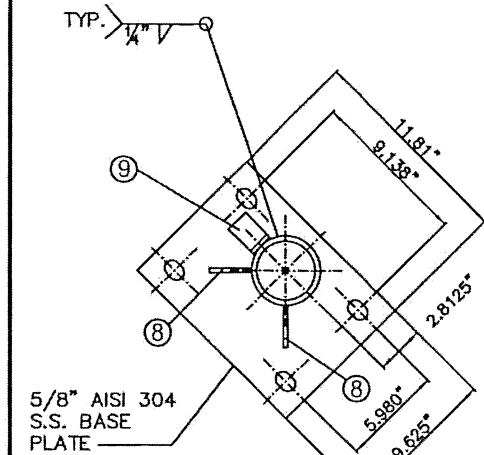


MIAMI DADE COUNTY	P.E. SEAL/SIGNATURE/DATE	TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305) 871-1530, Fax: (305) 871-1531 e-mail: tileco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	BUS SHELTER MIAMI POST ELEVATIONS	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
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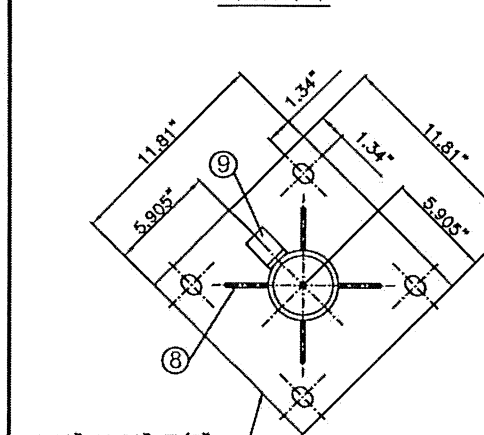
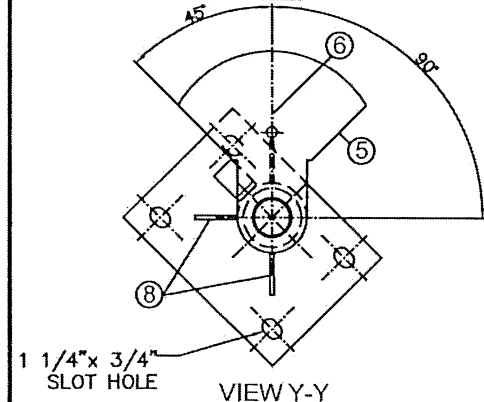
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Helga A. Melin*
Miami Dade Product Control

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

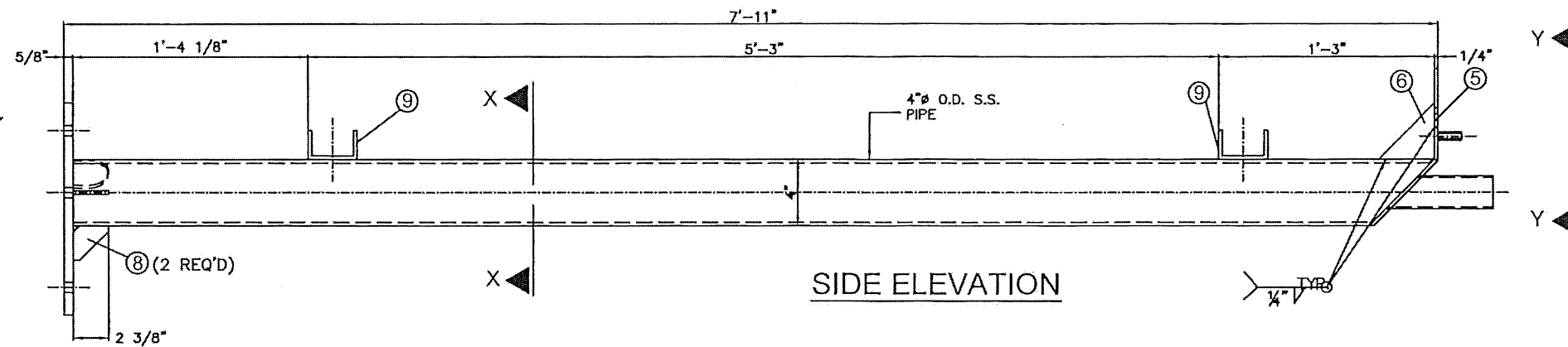
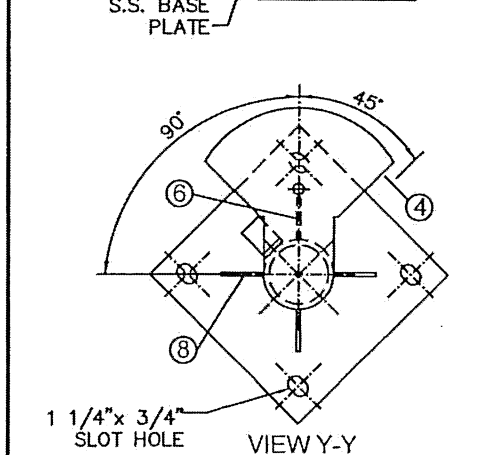
No.	Date	Description	Revisions
1	7/21/23	OLD 20-032	



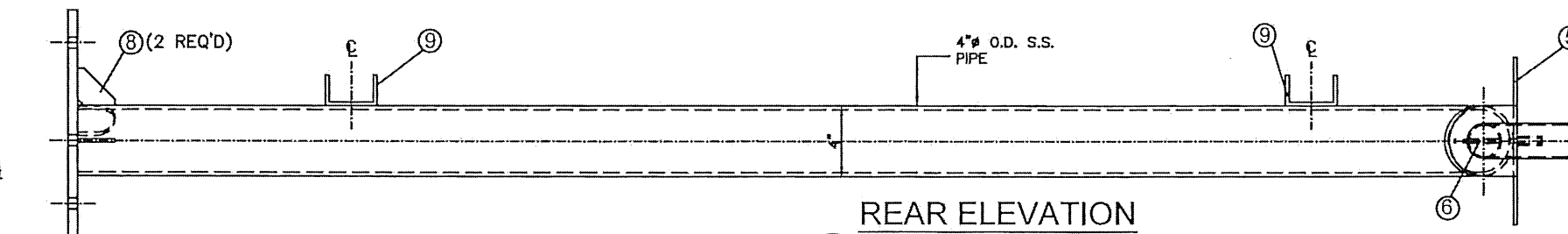
SECTION X-X



SECTION X-X

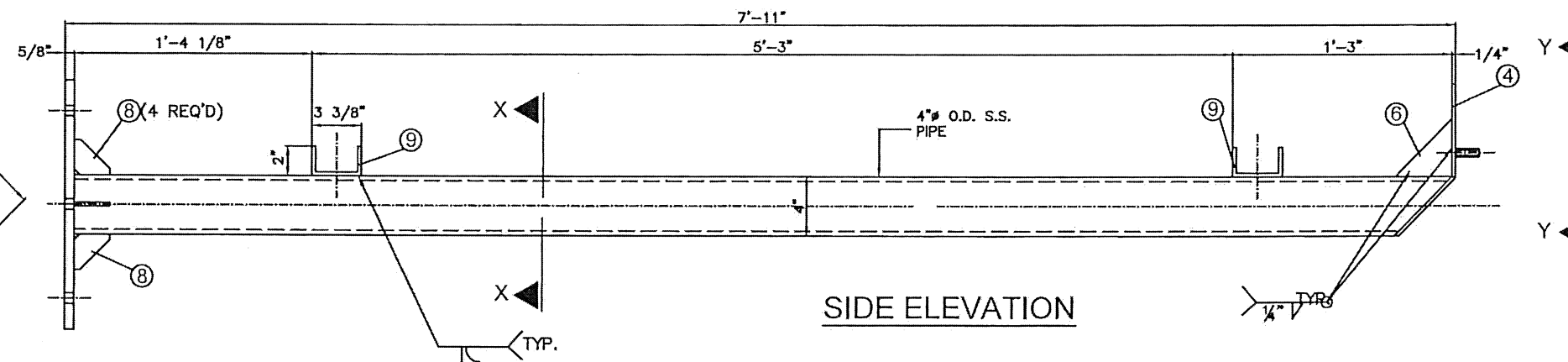


SIDE ELEVATION

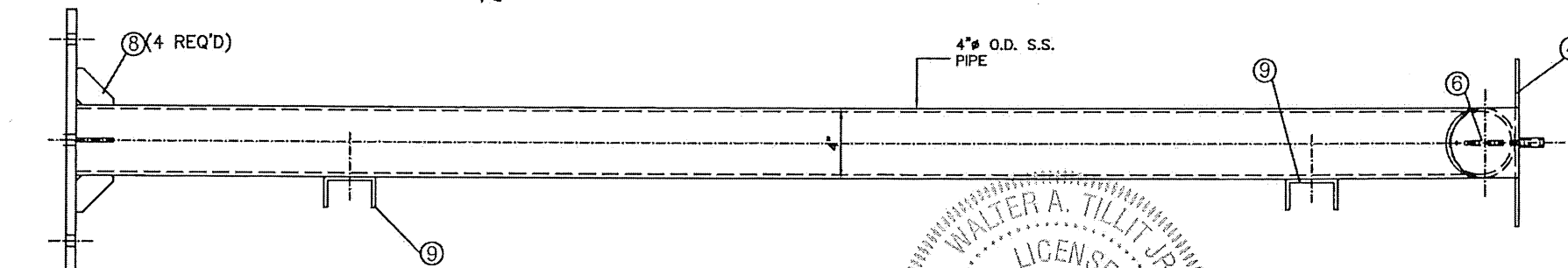


REAR ELEVATION

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



SIDE ELEVATION



REAR ELEVATION

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

PRODUCT RENEWED
as complying with the Florida
Building Code, 26-0317-04
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2038
By *Hedy A. Melin*
Miami Dade Product Control

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

MIAMI DADE COUNTY

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

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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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

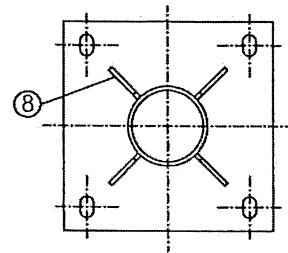
DATE:

23-121
DRAWING No.

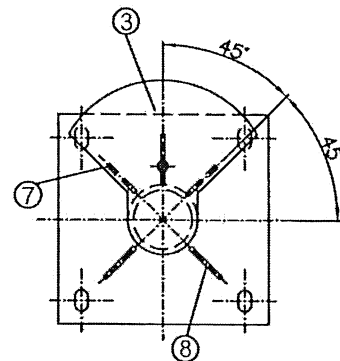
SHEET 7 OF 33

POST ELEVATIONS

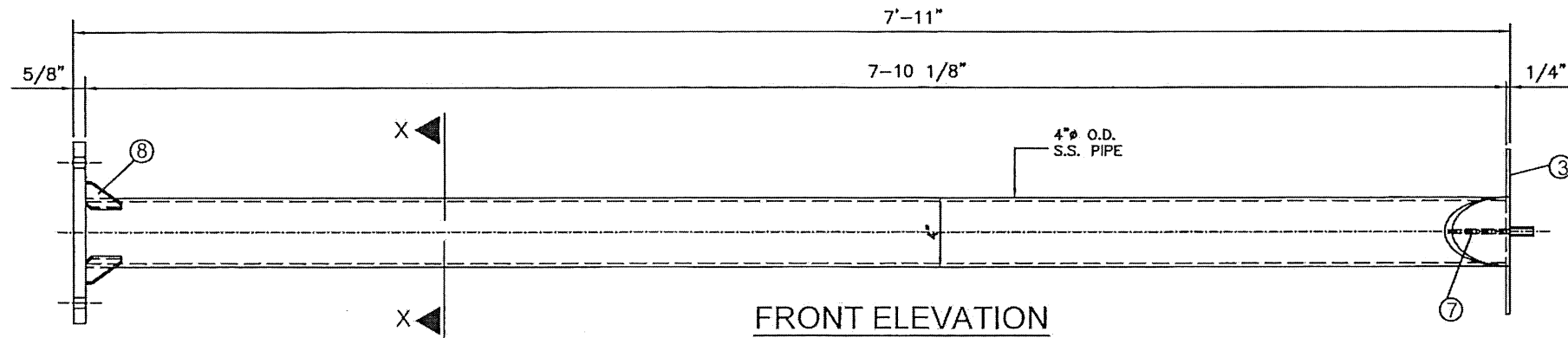
1	7/21/23	OLD 20-032
No. 1	Date:	Description:
		Revisions



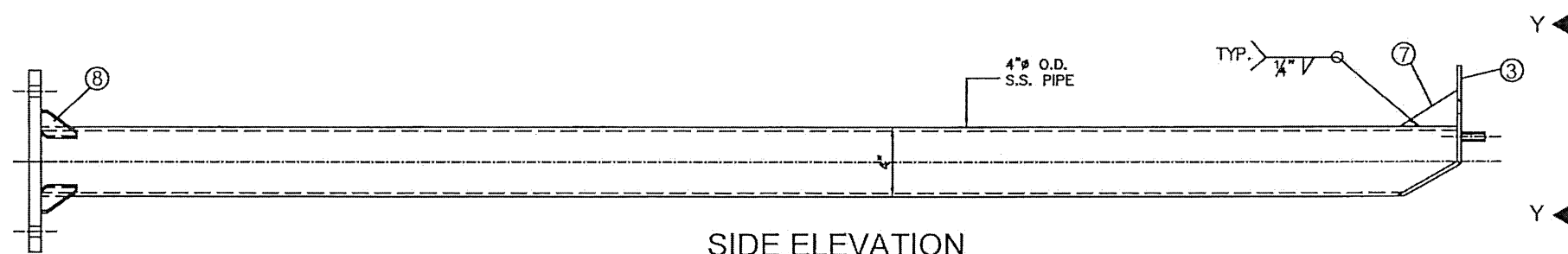
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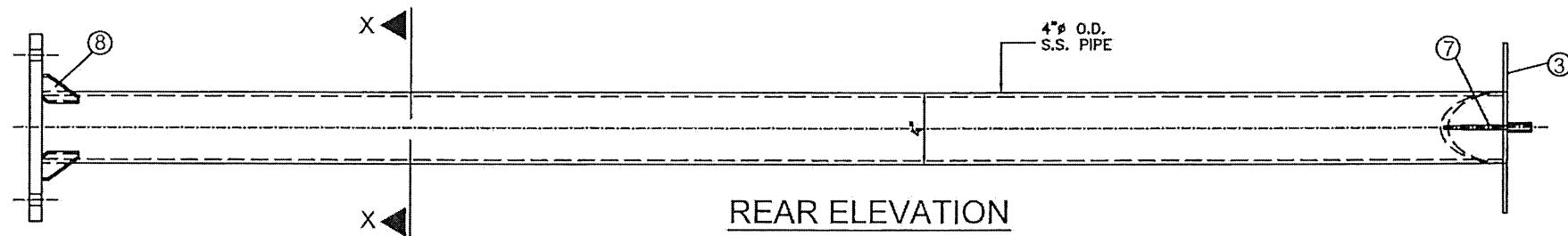
VIEW Y-Y



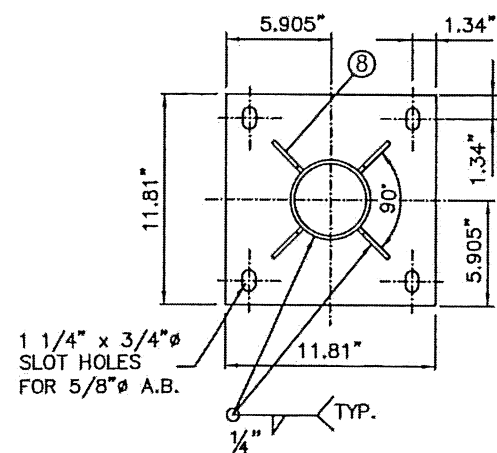
FRONT ELEVATION



SIDE ELEVATION



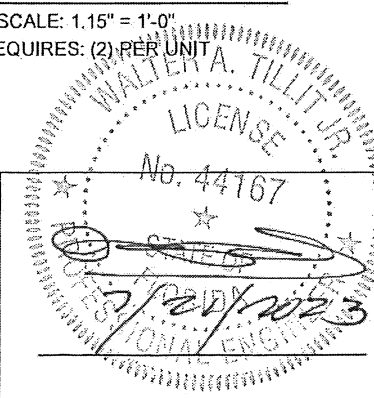
REAR ELEVATION



BASE PLATE

(d) FRONT POST

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



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
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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

DRAWING BY:
Y.M.

7/21/2023

DATE:

23-121
DRAWING No.

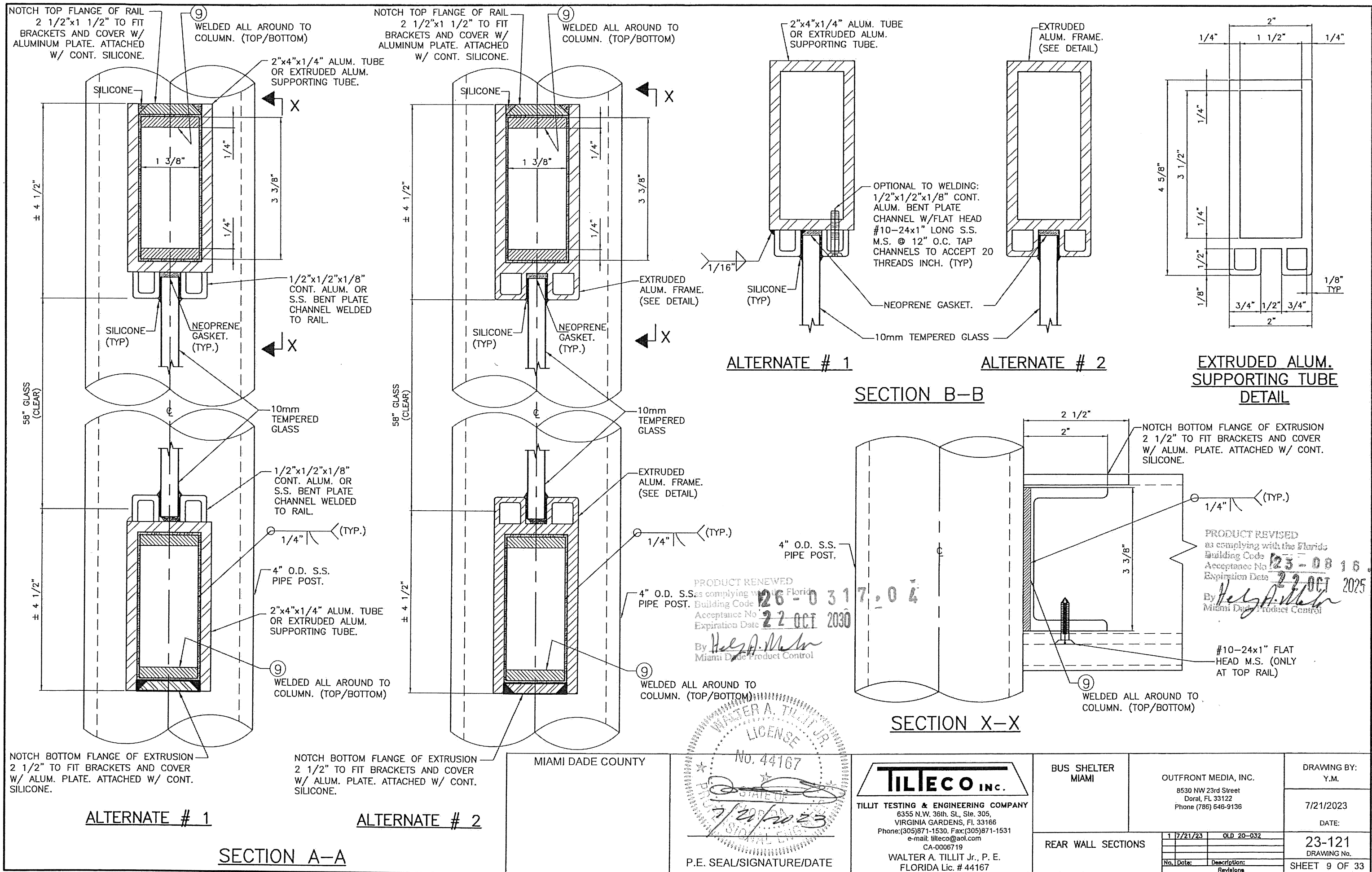
SHEET 8 OF 33

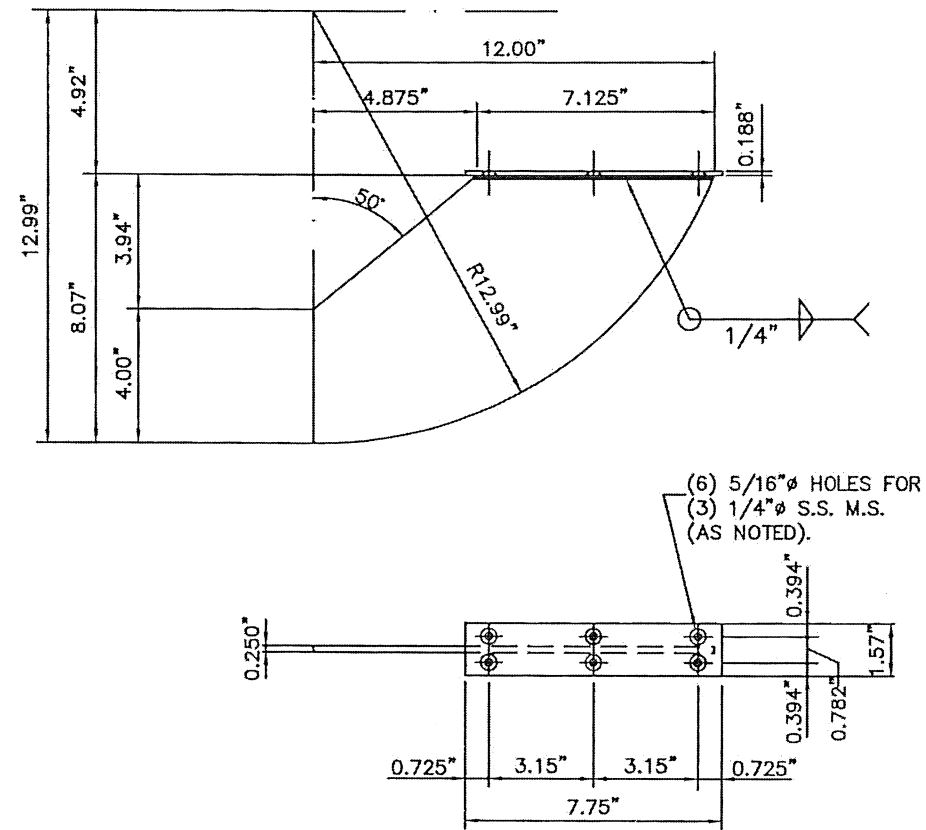
PRODUCT RENEWED
as complying with the Florida
Building Code 26-0317-04
Acceptance No. 22-OCT 2030
Expiration Date 22-OCT 2030
By *Helga A. Miller*
Miami Dade Product Control

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

POST ELEVATIONS

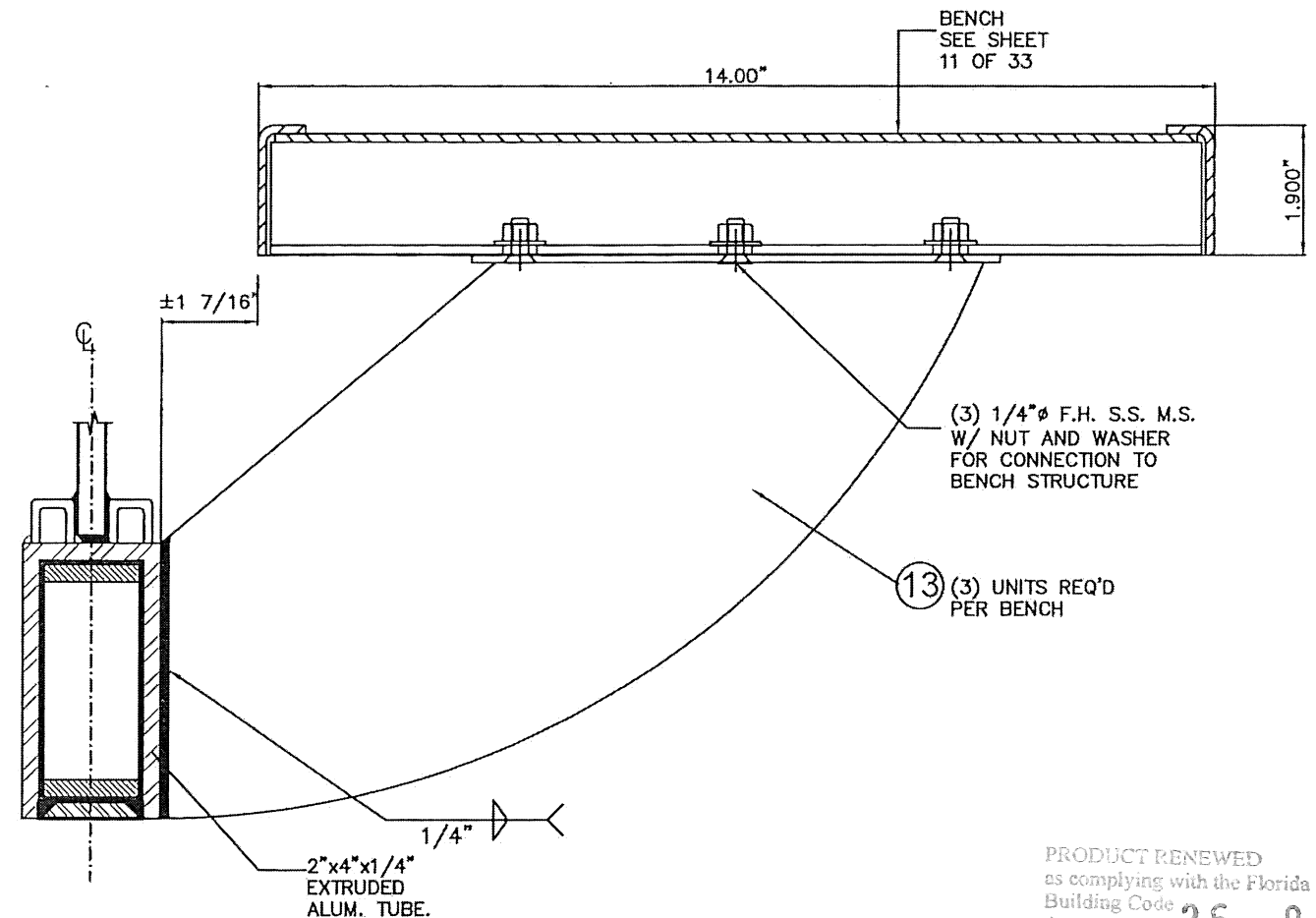
No.	Date	Description	Revision
1	7/21/23	OLD 20-032	





13 BENCH SUPPORT BRACKET

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

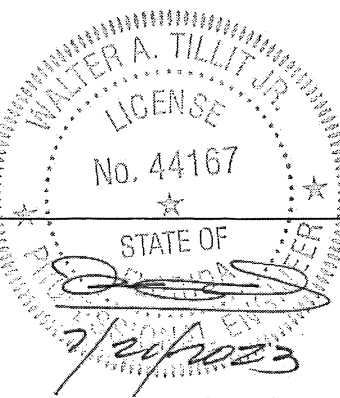


ASSEMBLY BENCH TO BOTTOM RAIL SECTION

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317.04
Expiration Date 22 OCT 2030
By *Hely P. Miller*
Miami Dade Product Control

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

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th 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

BUS SHELTER
MIAMI

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

DRAWING BY:
Y.M.

7/21/2023

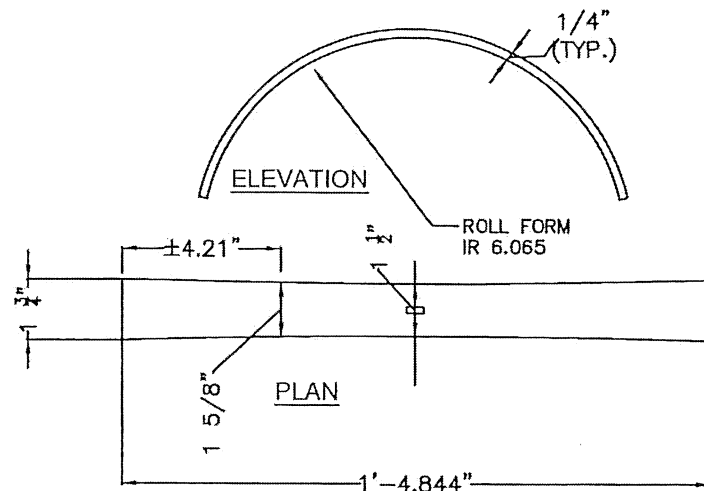
DATE:

23-121
DRAWING No.

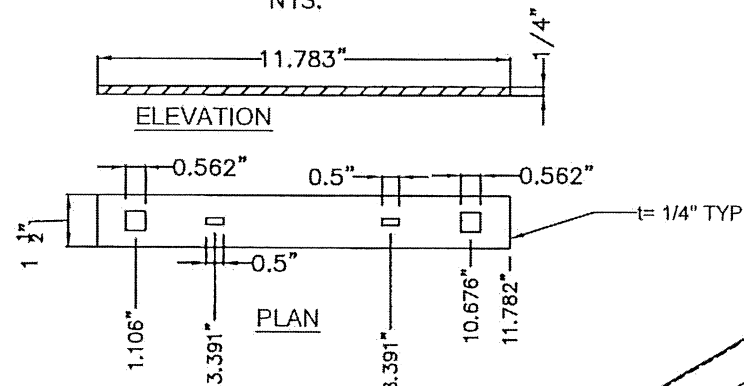
SHEET 10 OF 33

BEAM SUPPORT
COMPONENTS

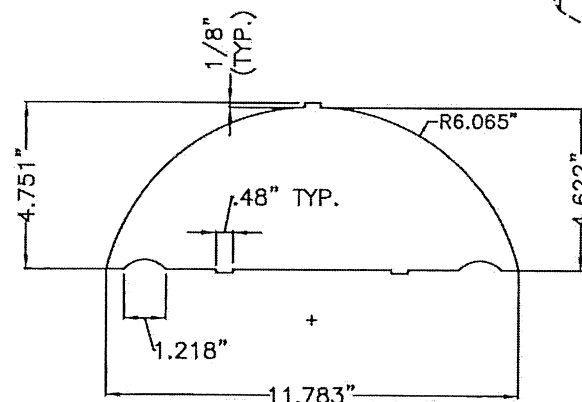
No.	Date	Description
1	7/21/23	OLD 20-032



ITEM "A": TOP ARCHED PLATE
NTS.

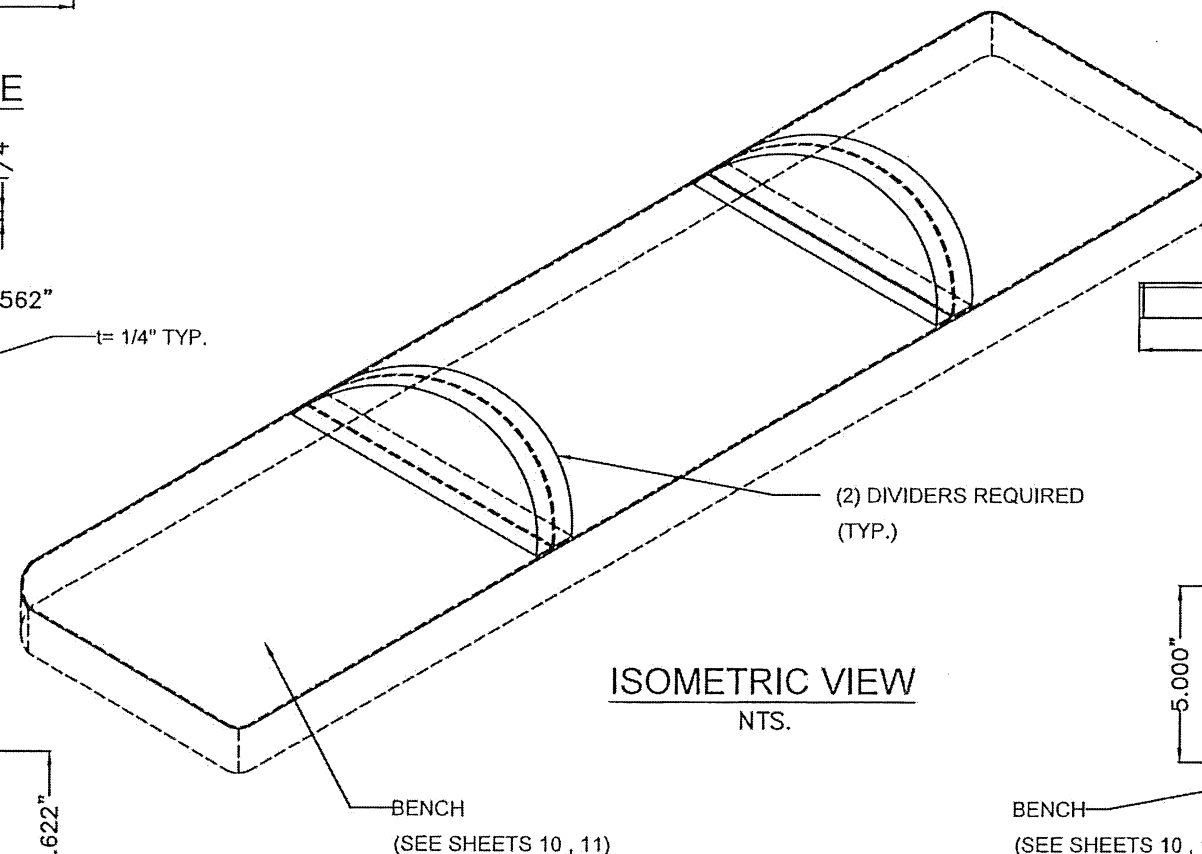


ITEM "B": BASE PLATE
NTS.

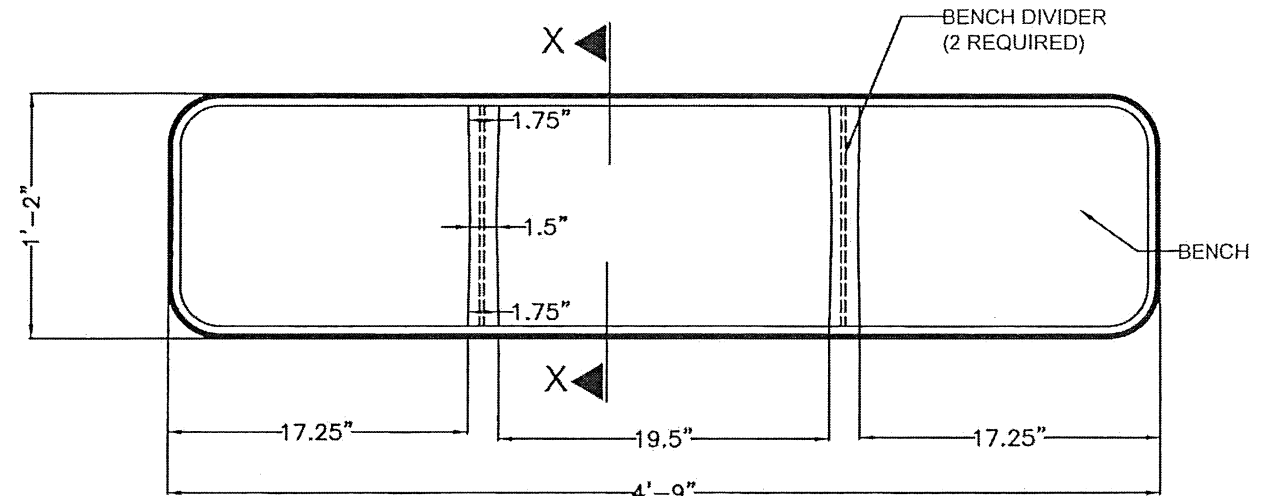


ITEM "C": WEB PLATE
NTS.

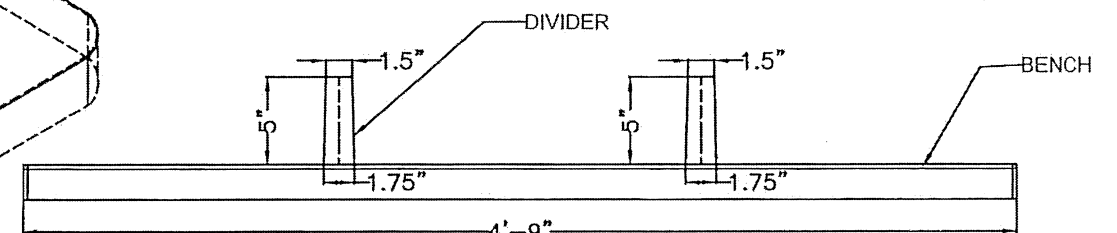
BENCH DIVIDER
5052-H32 ALUMINUM ALLOY



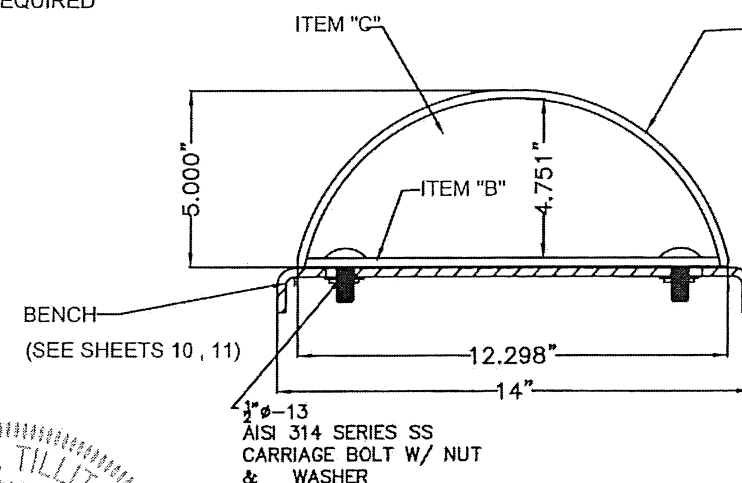
ISOMETRIC VIEW
NTS.



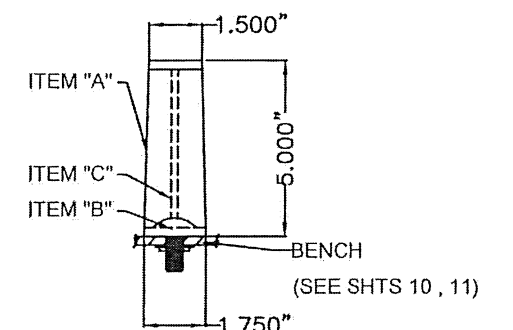
BENCH PLANT W/ DIVIDERS
NTS.



BENCH ELEVATION W/ DIVIDERS
NTS.



SECTION X-X
NTS.



BENCH SIDE VIEW W/ DIVIDER
NTS.

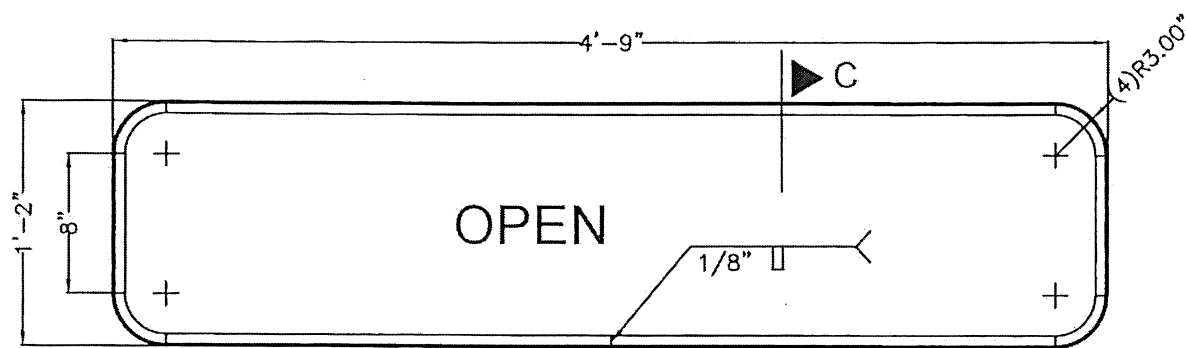
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Walter A. Tillit Jr.*
Miami Dade Product Control

MIAMI DADE COUNTY
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816
Expiration Date 22 OCT 2023
By *Walter A. Tillit Jr.*
Miami Dade Product Control

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

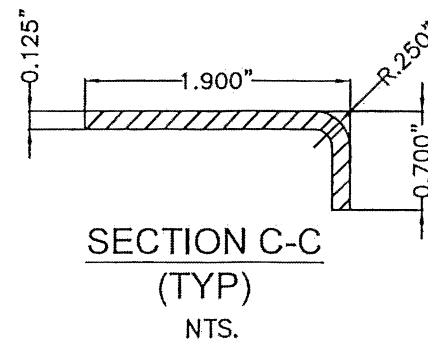
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305,
VIRGINIA GARDENS, FL 33166
Phone: (305) 871-1530, Fax: (305) 871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

BUS SHELTER MIAMI	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136	DRAWING BY: Y.M.
PROTO-M BENCH-0 DETAILS	1 7/21/23 OLD 20-032	DATE: 7/21/2023
	No. Date: Description: Revisions	23-121 DRAWING No.
		SHEET 11A OF 33

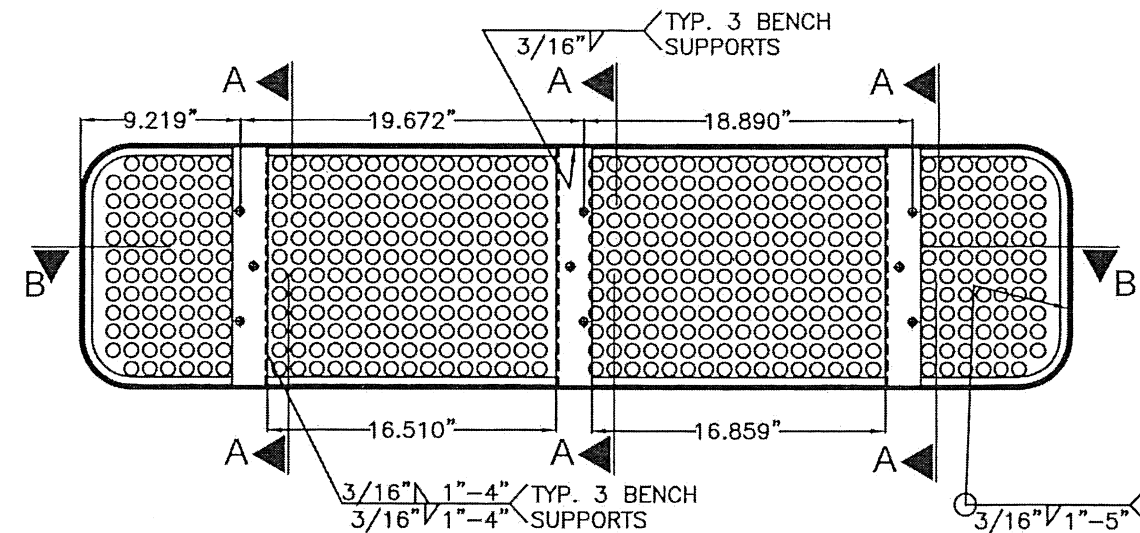


OUTER RAIL (PROTO-MBENCH-103)

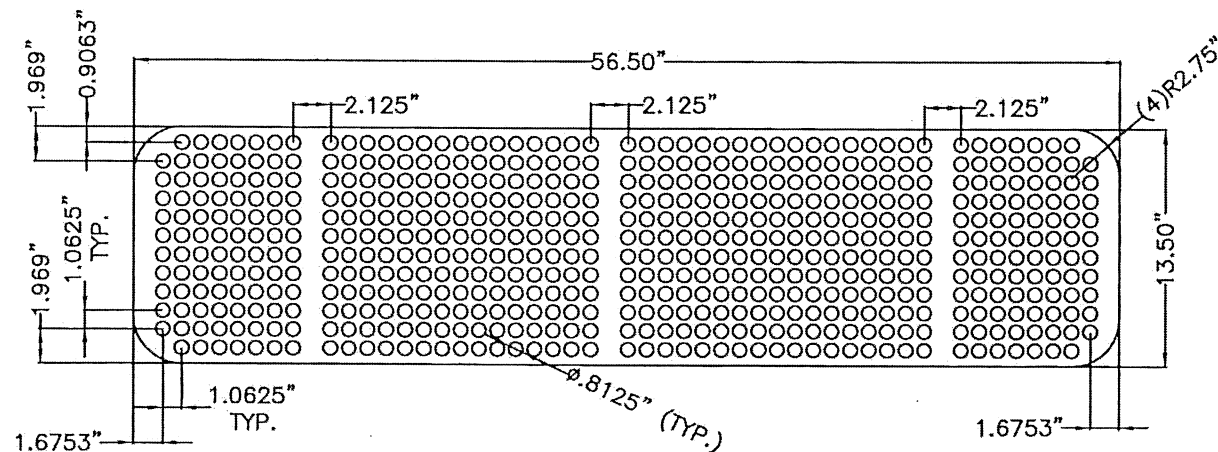
0.125" THICK HOT ROLLED STEEL COIL ASTM A 1011
NTS.



**SECTION C-C
(TYP)
NTS.**

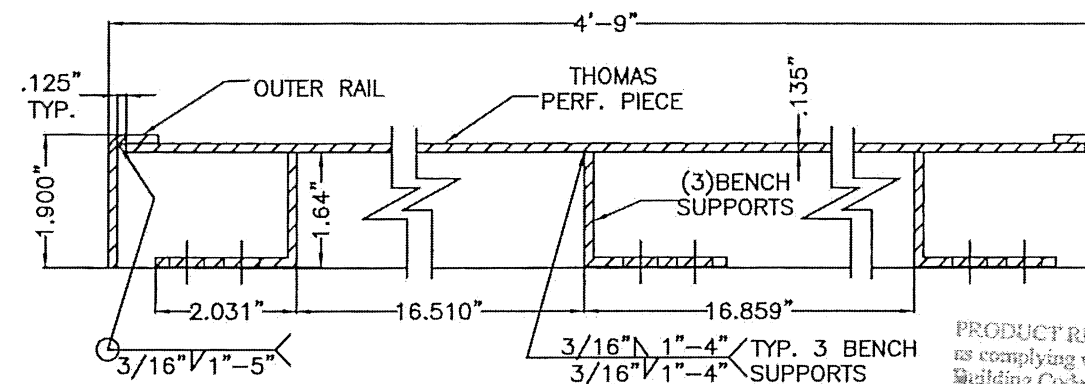


**BENCH ASSEMBLY
NTS.**



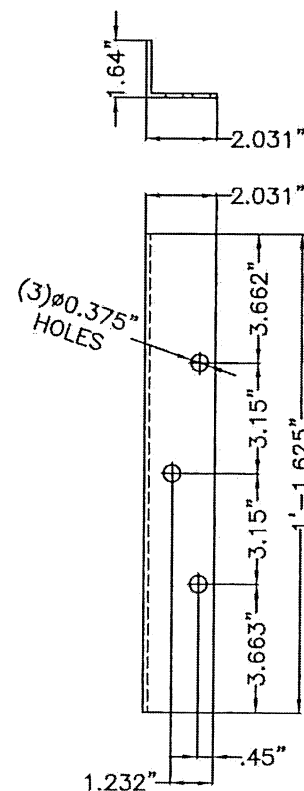
THOMAS PERF. PIECE (PROTO-MBENCH-101B)

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



**SECTION B-B
NTS.**

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2025
By *Helga A. Tillit*
Miami Dade Product Control

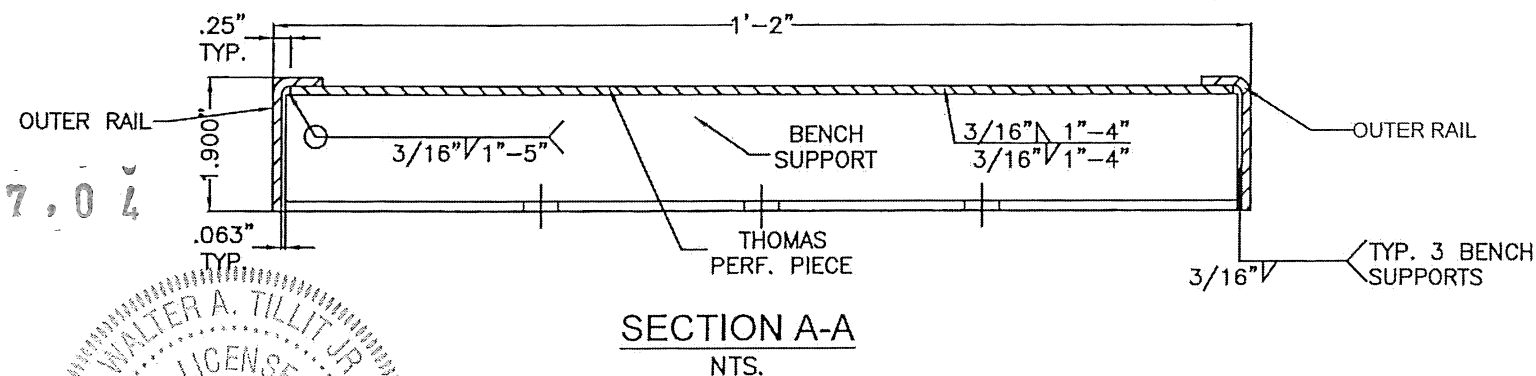


**BENCH SUPPORT
(PROTO-MBENCH-102)**

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

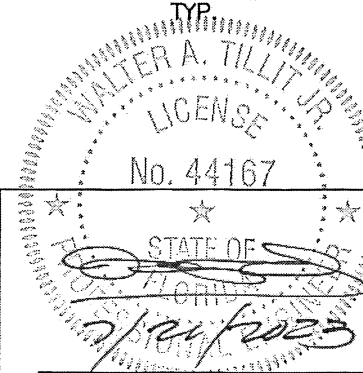
NOTE: PUNCH HOLES, AND BEND.

NTS.



**SECTION A-A
NTS.**

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Helga A. Tillit*
Miami Dade Product Control



P.E. SEAL/SIGNATURE/DATE

MIAMI DADE COUNTY

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

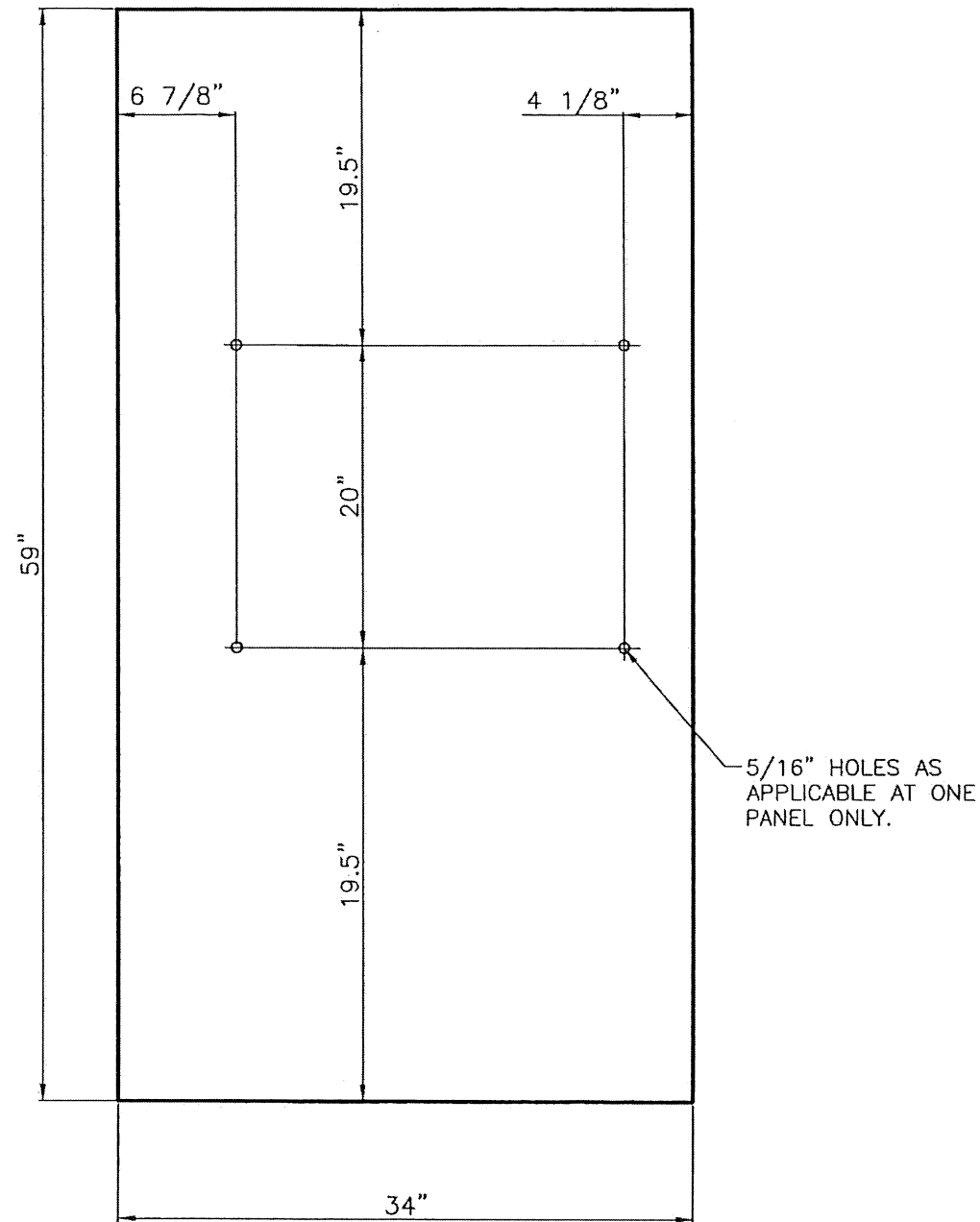
DATE:

23-121
DRAWING No.

SHEET 11 OF 33

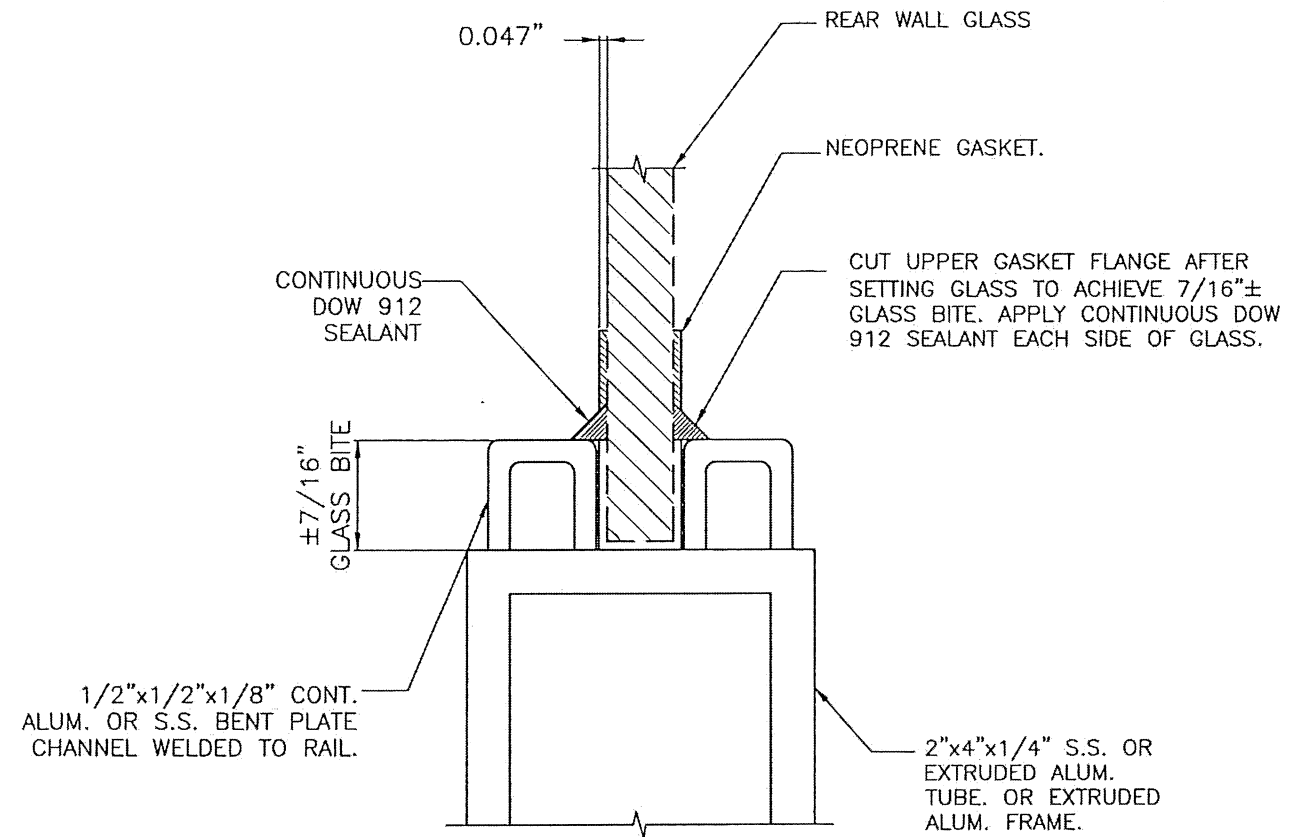
PROTO-M BENCH-0
DETAILS

No.	Date	Description	Revisions
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

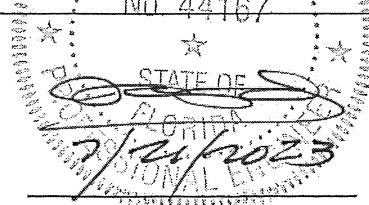


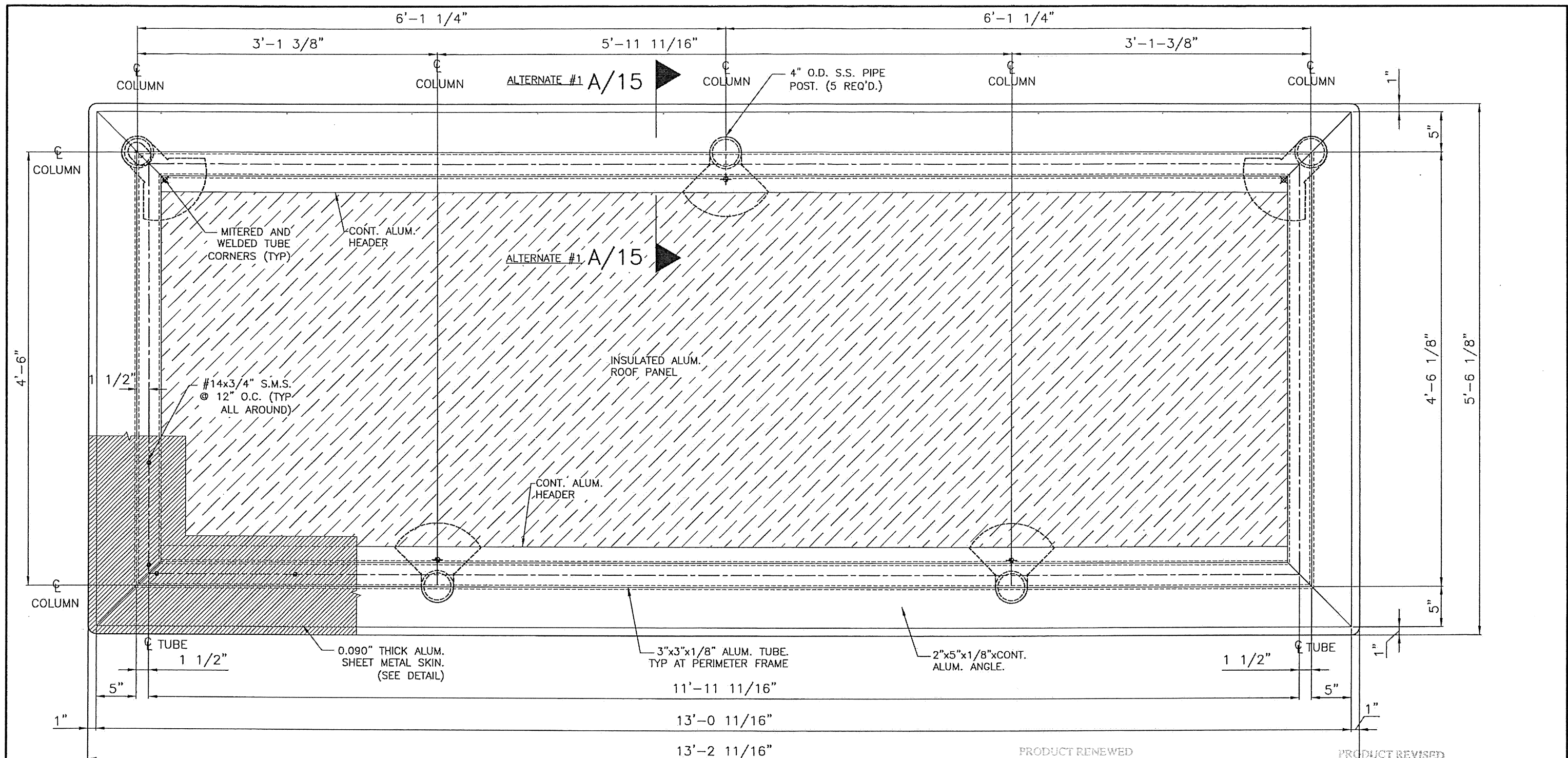
RUBBER GASKET–UPPER & LOWER GLASS EDGE: GLAZING DETAIL

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By Helga Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 123-0816-23
Expiration Date 22 OCT 2025
By Helga 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: tiltco@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:	
REAR WALL GLASS			1	7/21/23	OLD 20-032	23-121 DRAWING No. SHEET 12 OF 33
			No. Date:	Description:	Revisions:	

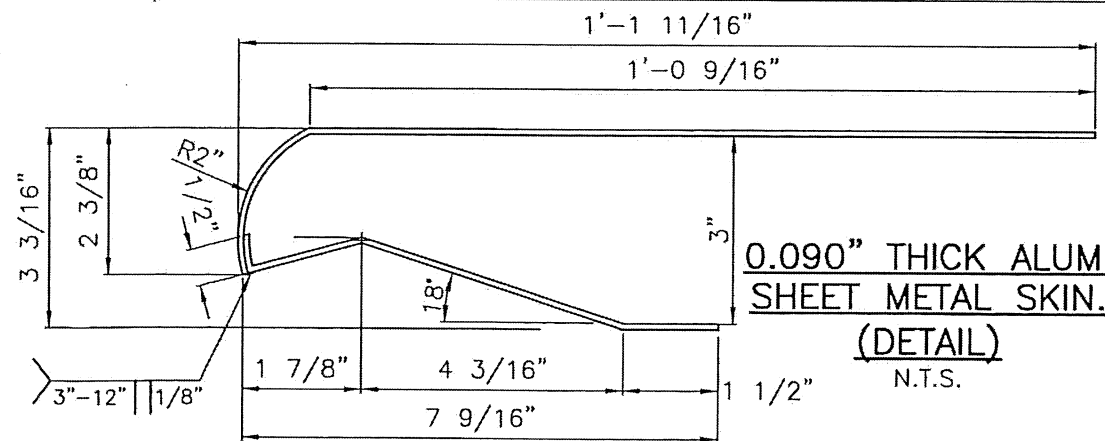


ROOF STRUCTURE PLAN

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Heidi A. Miller*
Miami Dade Product Control

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

PROFESSIONAL ENGINEER
LICENSE
No. 44167
WALTER A. TILLIT JR.
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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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

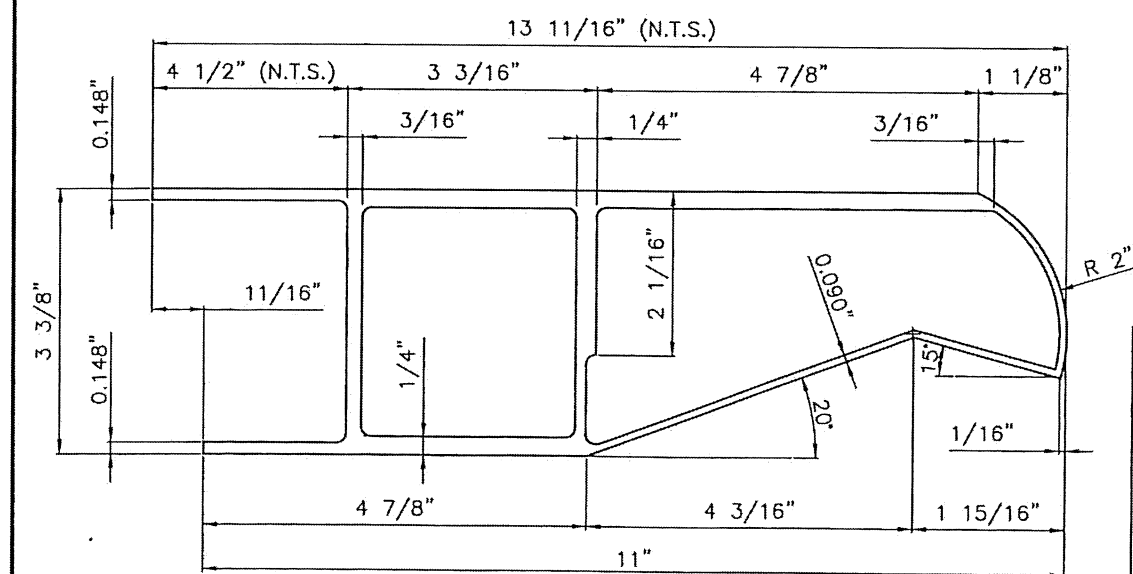
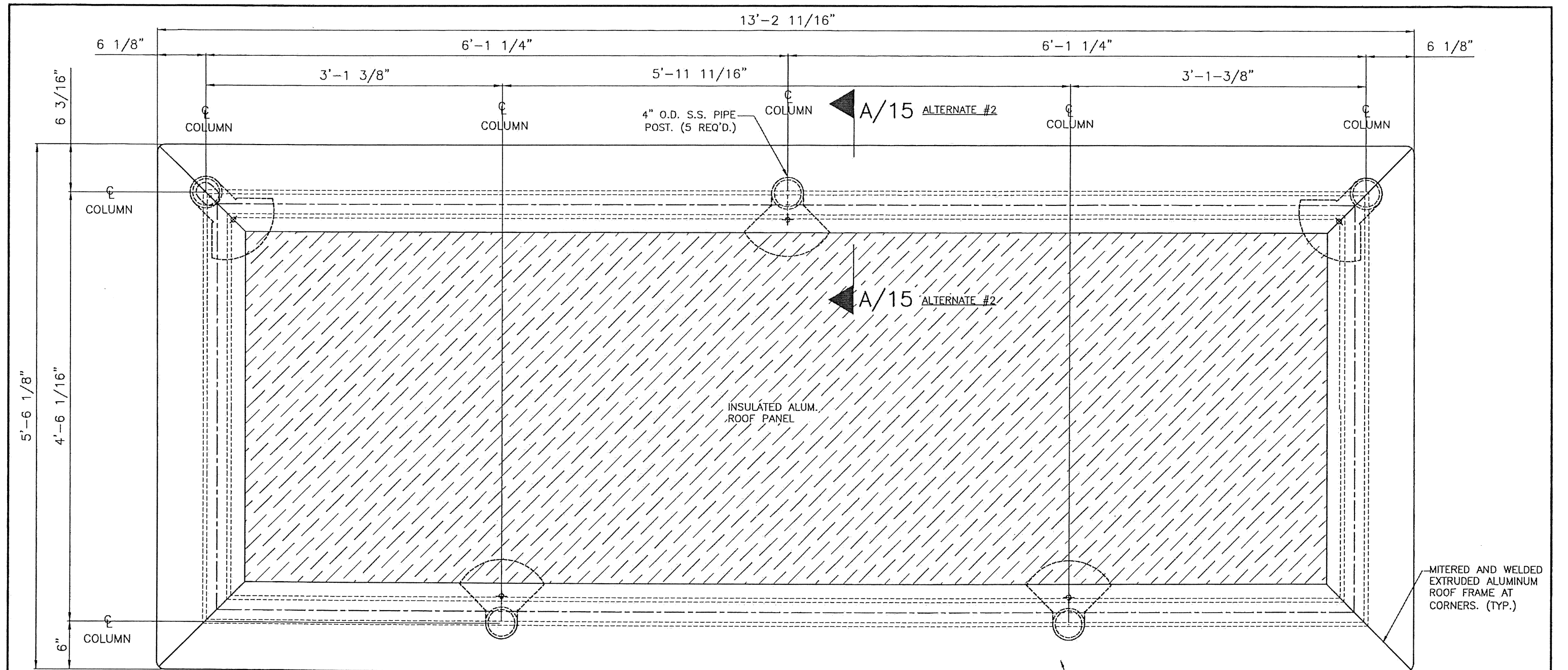
DATE:

23-121
DRAWING No.

SHEET 13 OF 33

ROOF STRUCTURE PLAN
ALTERNATE #1

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

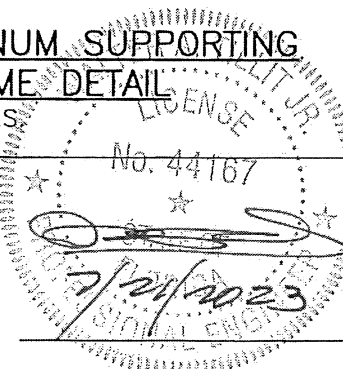
N.T.S.

EXTRUDED ALUMINUM
SUPPORTING ROOF FRAME
(SEE DETAIL)

PRODUCT RENEWED
as complying with the Florida
Building Code
Building Code 26-0317-04
Acceptance No. 22 OCT 2030
Expiration Date
By *Walter A. Tillit Jr.*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 23-0316-23
Acceptance No. 22 OCT 2025
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Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILTECO INC.
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

DRAWING BY:
Y.M.

7/21/2023

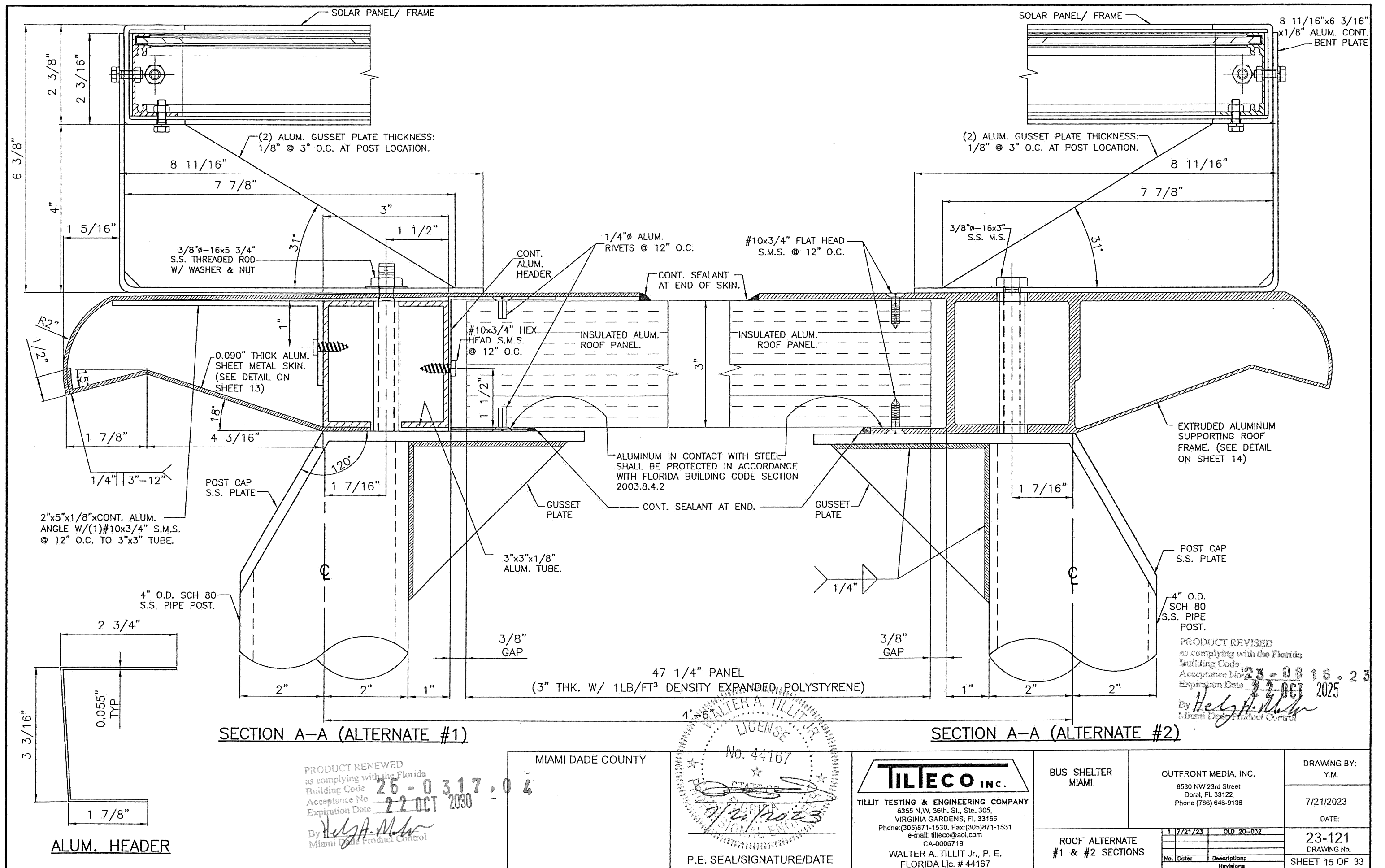
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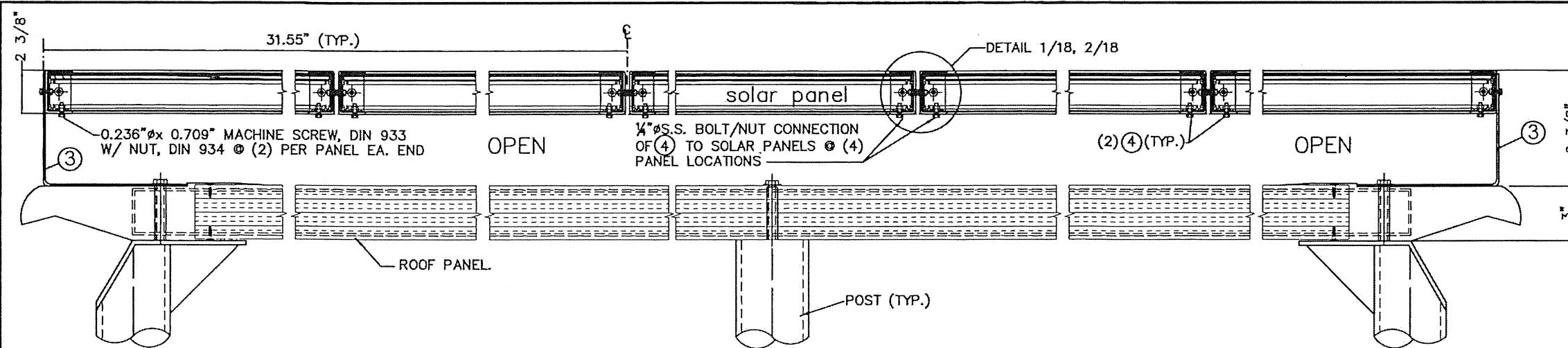
23-121
DRAWING No.

SHEET 14 OF 33

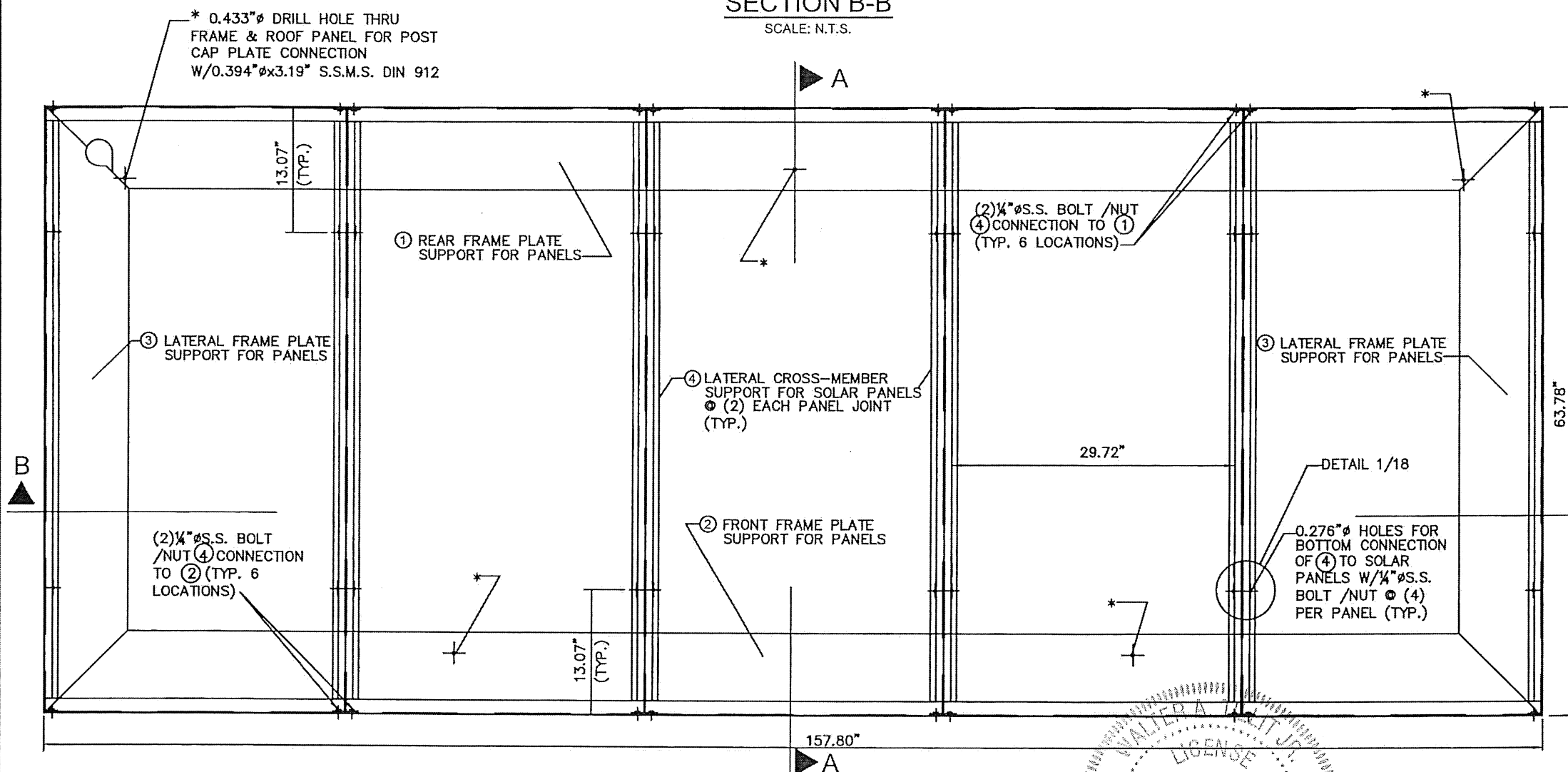
ROOF STRUCTURE PLAN
ALTERNATE #2

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

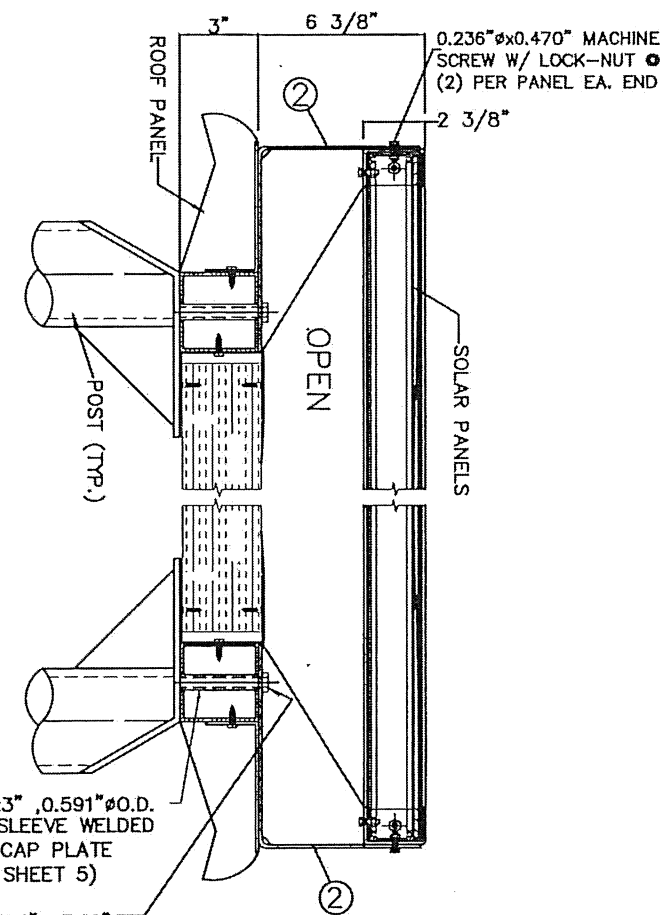




SECTION B-B
SCALE: N.T.S.



SOLAR PANEL SUPPORT FRAME
SCALE: 1.13\"/>



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

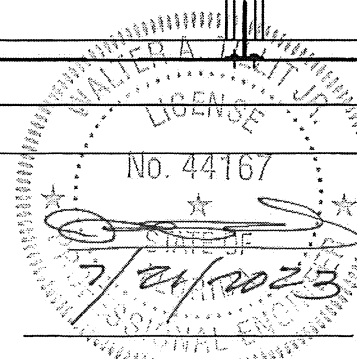
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317,04
Expiration Date 22 OCT 2030

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0616-23
Expiration Date 22 OCT 2025

By *Helga P. Miller*
Miami Dade Product Control

By *Helga P. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILTECO INC.
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BUS SHELTER
MIAMI

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8530 NW 23rd Street
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DRAWING BY:
Y.M.

7/21/2023

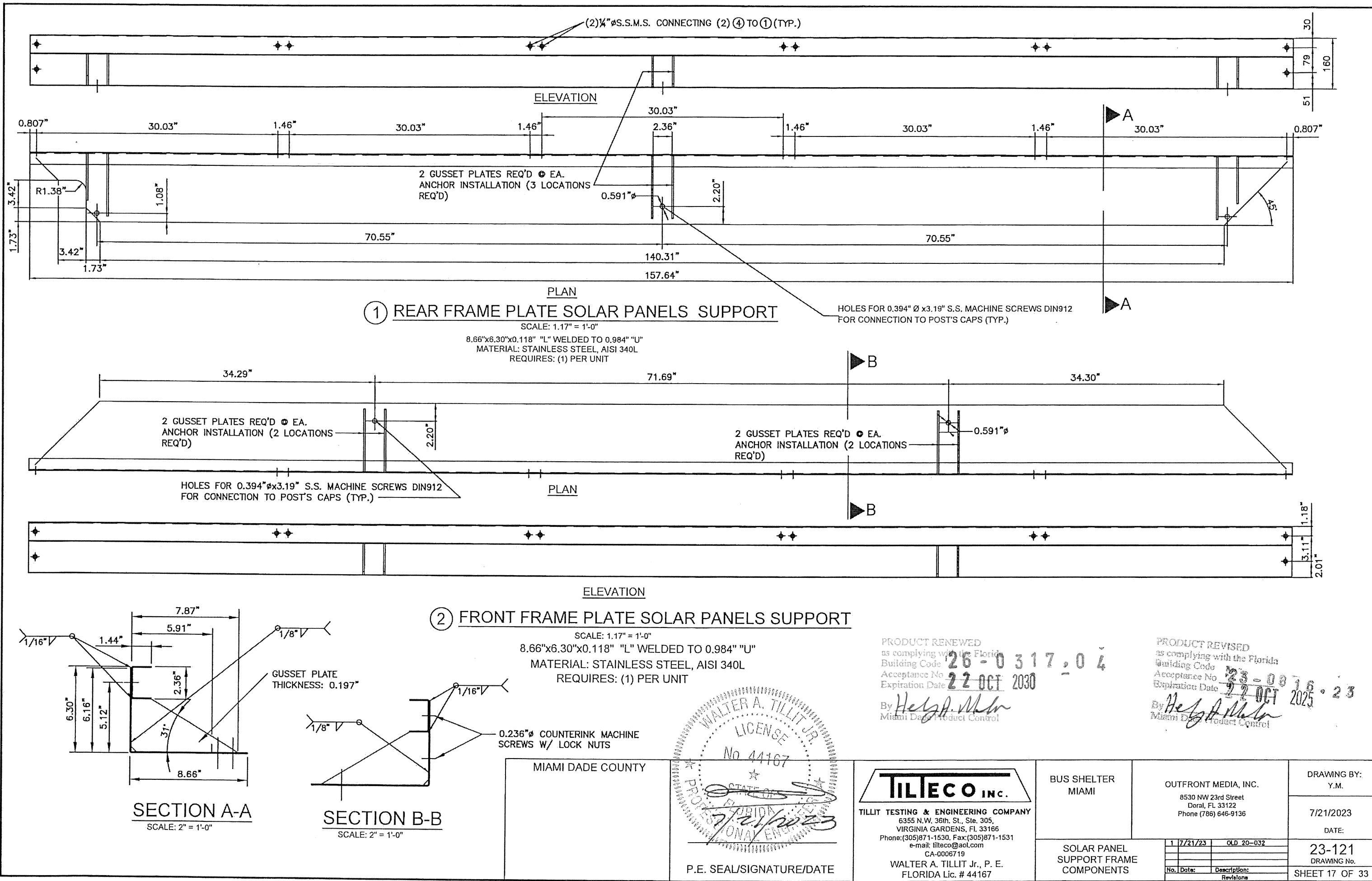
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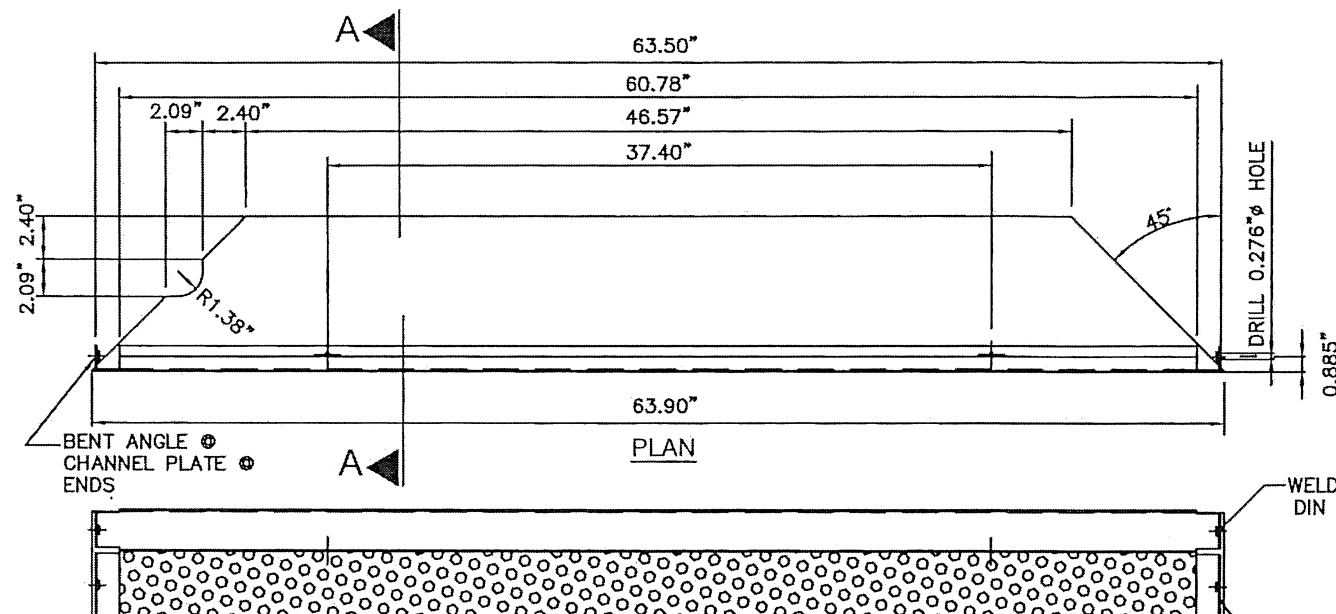
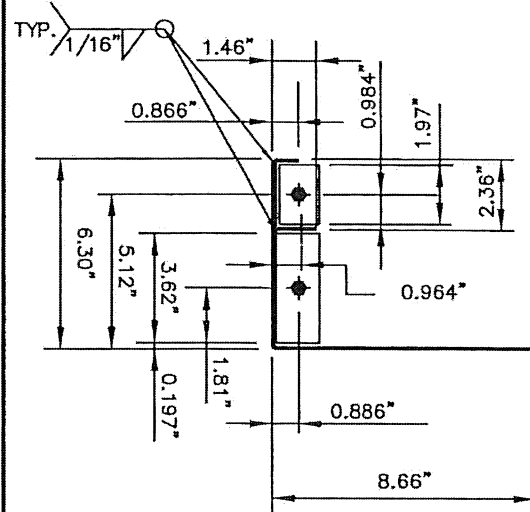
23-121
DRAWING No.

SHEET 16 OF 33

SOLAR PANEL
SUPPORT FRAME

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



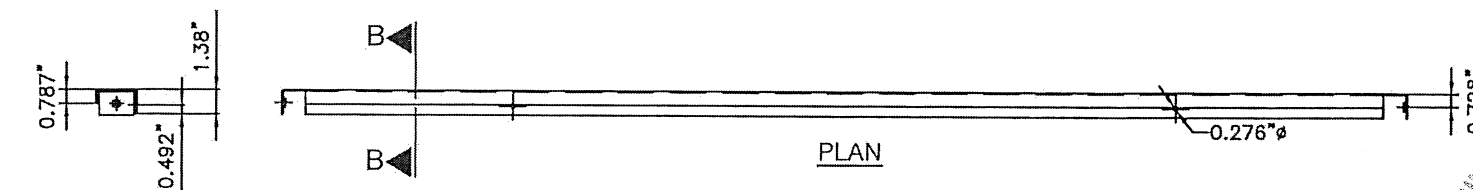
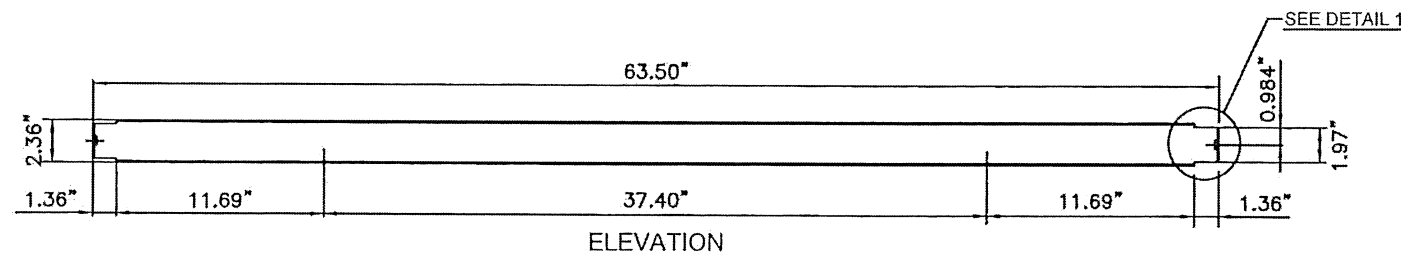


③ LATERAL FRAME PLATE SUPPORT FOR SOLAR PANELS

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"L
PLATE AS SHOWN W/ 0.394" HOLES @ 0.787" O.C. ALL DIRECTIONS
THROUGHOUT.

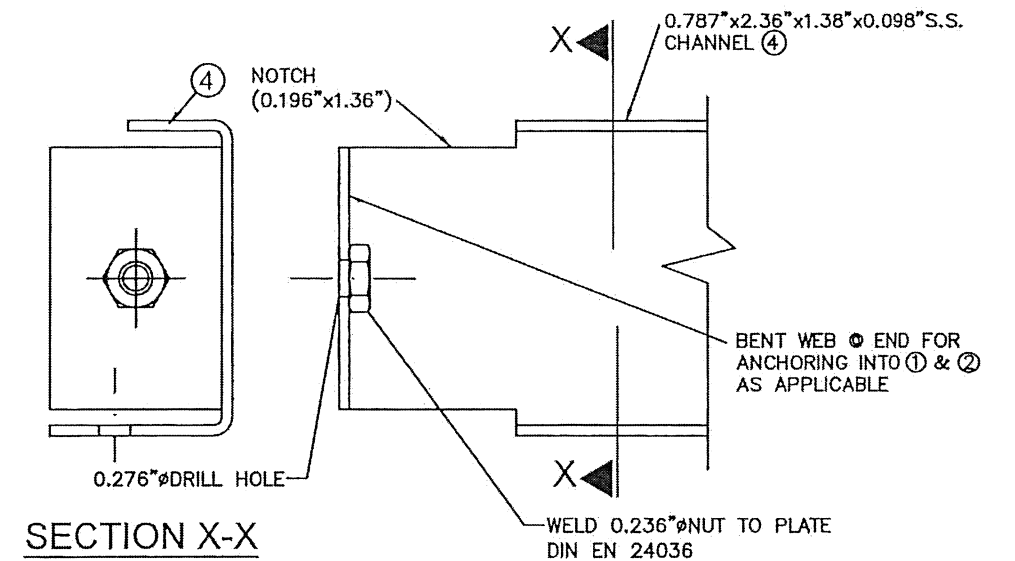


SECTION B-B

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



WELD 0.236" NUTS (TYP)
DIN 24036
WELD 1.42"x1.42"x0.079" S.S. BENT PLATE
ANGLE TO PERFORATED PLATE

SOLAR PANEL &
PERIMETER FRAME

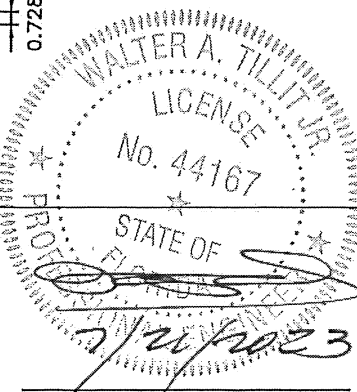
(2) 1/4" S.S. BOLT/NUT
EA (4) TO SOLAR PANELS
FRAME @ BOTTOM.

DETAIL 2

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Walter A. Tillit Jr.*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0815-23
Expiration Date 22 OCT 2025
By *Walter A. Tillit Jr.*
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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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

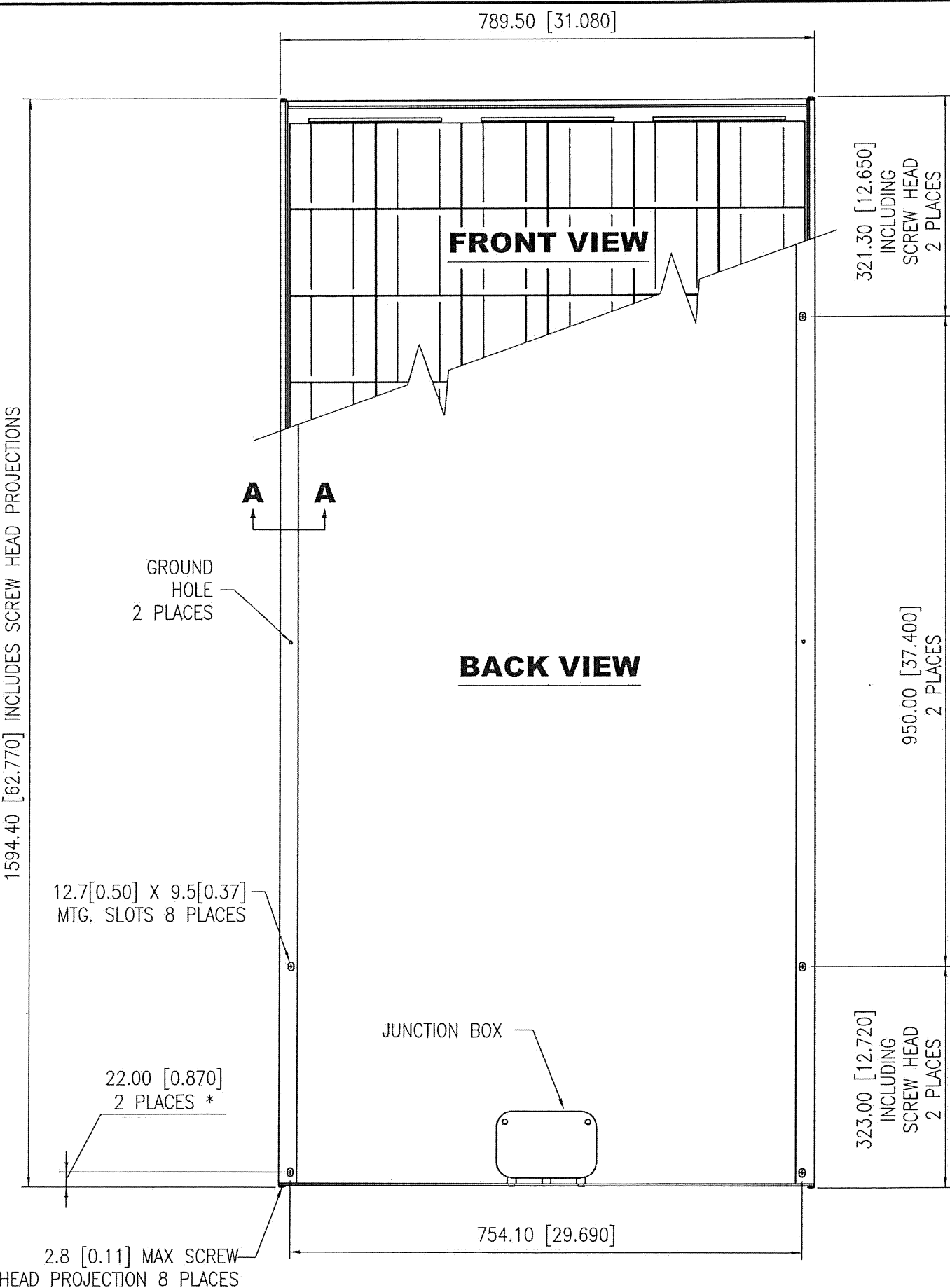
DRAWING BY:
Y.M.

7/21/2023

DATE:

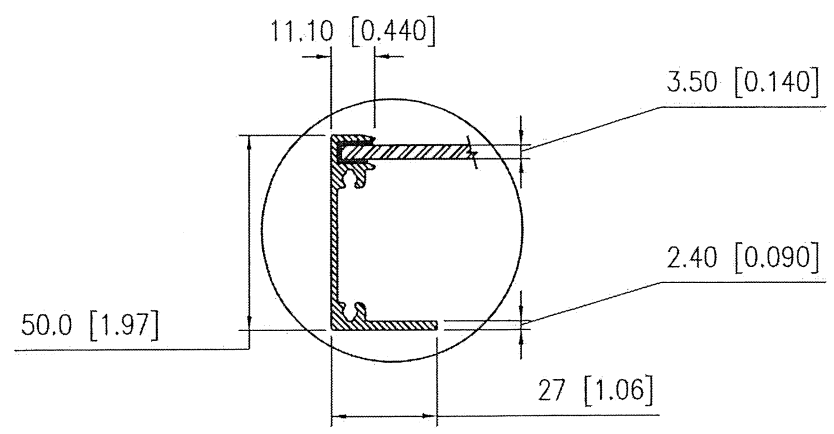
23-121
DRAWING No.

SHEET 18 OF 33

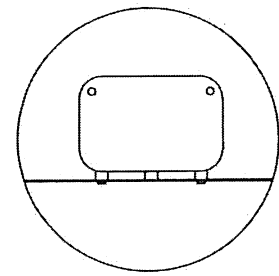


* DIMENSION ON OPPOSITE END IS 20 [0.8] 2 PLACES.

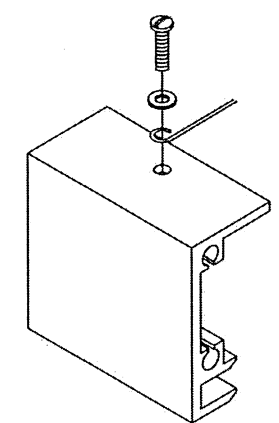
REVISIONS				
REV	NPA / ECO	DESCRIPTION	CHANGED BY / DATE	APPROVED BY / DATE
REV	NPA / ECO	DESCRIPTION	CHANGED BY / DATE	APPROVED BY / DATE



SECTION A-A



U-VERSION



GROUNDING DETAIL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Helga Miller*
Miami Dade Product Control

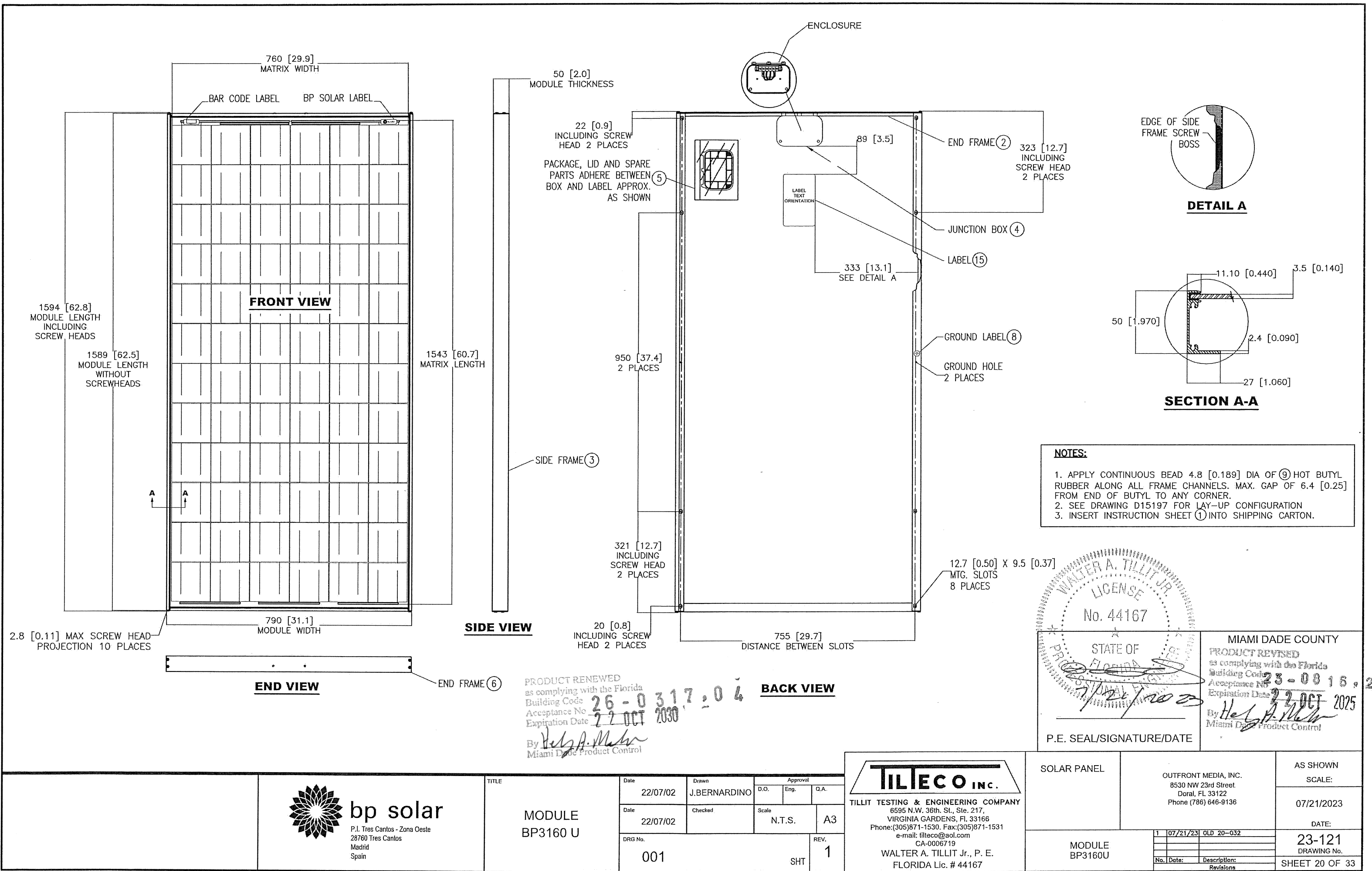
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0016-23
Expiration Date 22 OCT 2025
By *Helga Miller*
Miami Dade Product Control

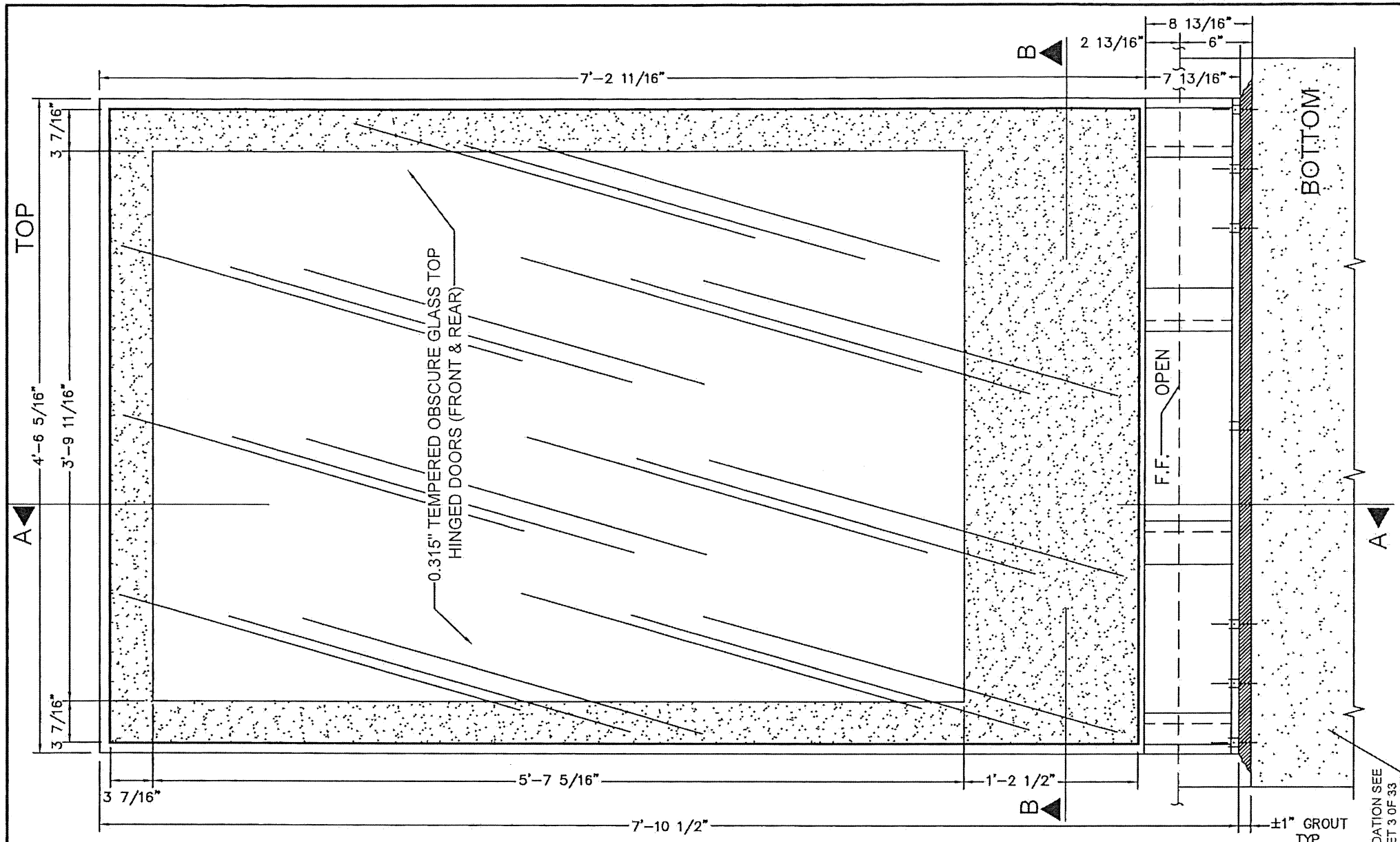
DRAWN BY / DATE C.J.ZEINER 14 MAR 02	MATERIAL: FINISH:	bp solar BP SOLAR MARYLAND, U.S.A.
PART NO.: UNLESS OTHERWISE SPECIFIED, DIMENSIONS: mm (INCHES) PRIMARY DIMS ARE MILLIMETERS, INCH DIMS FOR REFERENCE ONLY TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS WHOLE NUMBERS = ± 3mm X.X = ± 0.4mm PREVIOUS DRAWING NO. THIRD ANGLE PROJECTION DRAWING NUMBER: D15942 REV A DO NOT SCALE THIS DRAWING SHEET 3 OF 3		
SOLAR PANEL OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (786) 646-9136		AS SHOWN SCALE: 07/21/2023 DATE: 23-121 DRAWING No. SHEET 19 OF 33
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6595 N.W. 36th. St., Ste. 217, 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		ASSEMBLY 1 7/21/23 OLD 20-032 No. Date: Description: Revisions

MIAMI DADE COUNTY

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

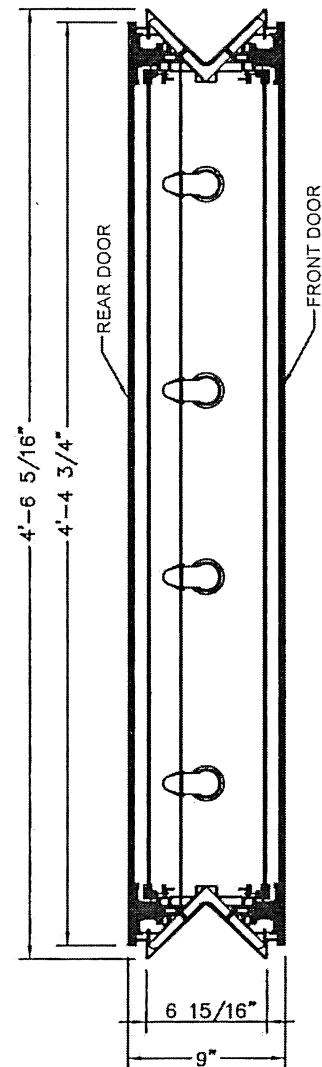
P.E. SEAL/SIGNATURE/DATE





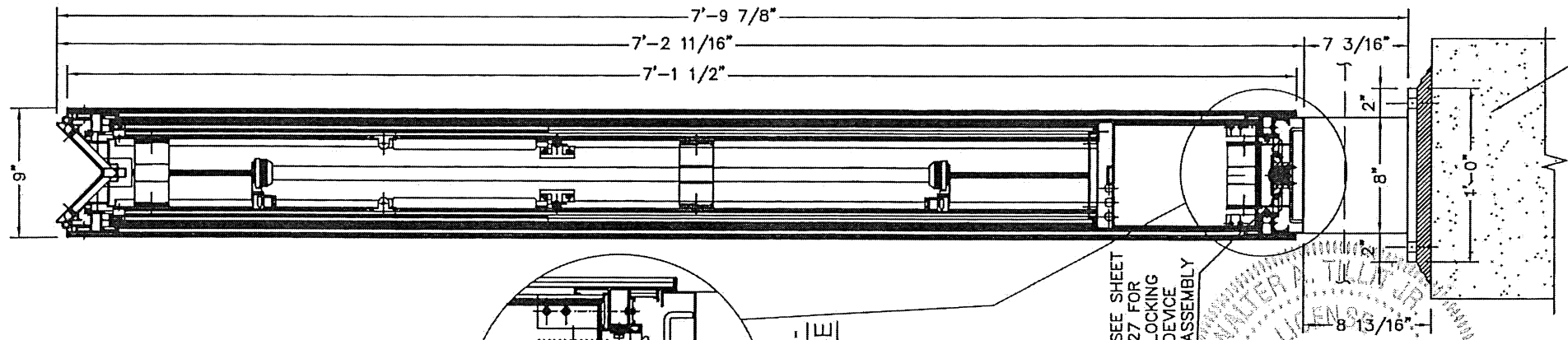
DISPLAY UNIT - ELEVATION

SCALE: 1.15" = 1'-0"



SECTION B-B

SCALE: 1.15" = 1'-0"

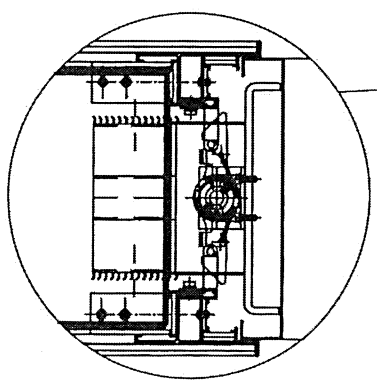


SECTION A-A

SCALE: 1.15" = 1'-0"

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 26-0317-04
 Expiration Date 22 OCT 2030
 By *Helga H. Miller*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 123-0813-23
 Expiration Date 22 OCT 2025
 By *Helga H. Miller*
 Miami Dade Product Control



ENLARGEMENT -
LOCKING DEVICE

MIAMI DADE COUNTY

No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 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

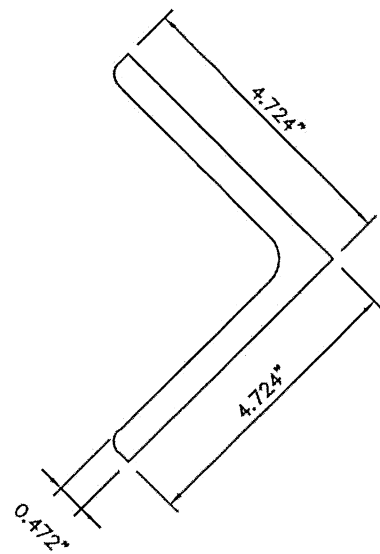
DATE:

23-121
DRAWING No.

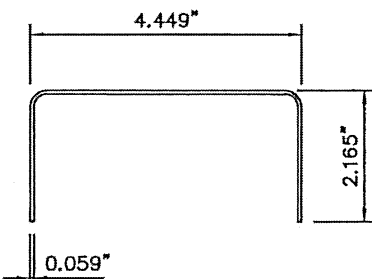
SHEET 21 OF 33

ELEVATIONS & SECTIONS

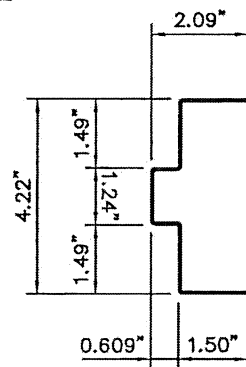
No.	Date	Description	Revisions
1	7/21/23	OLD 20-032	



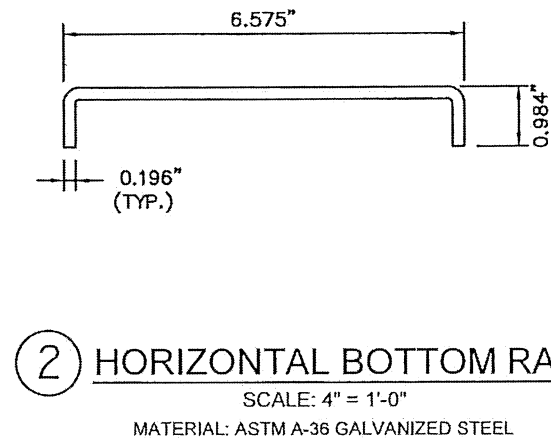
1 VERTICAL UPRIGHTS +
HORIZONTAL TOP RAIL,
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL



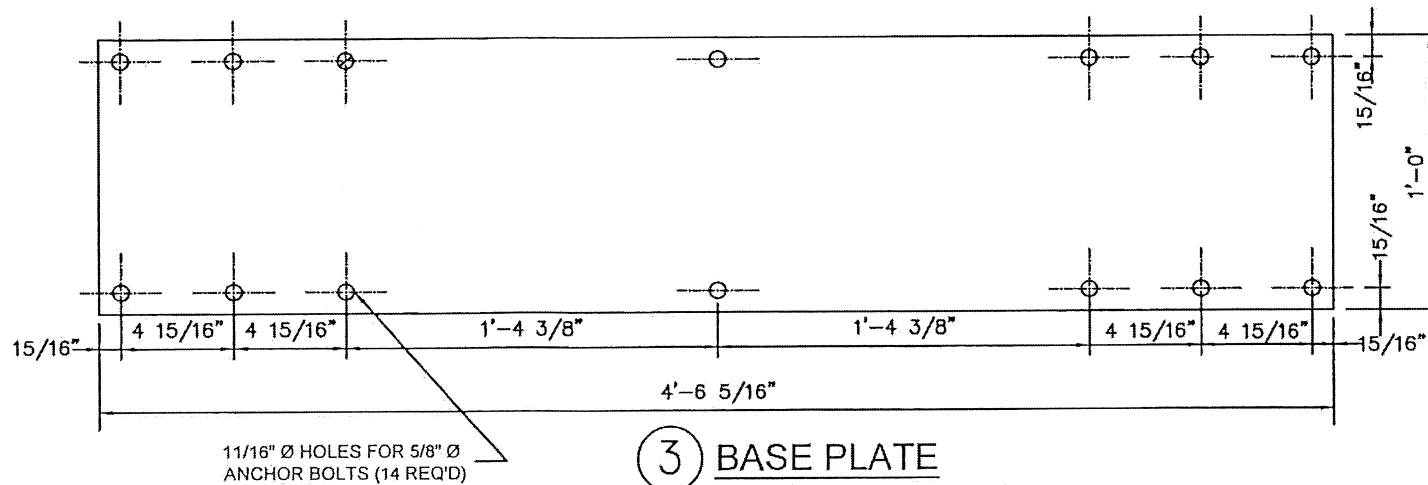
5 BOTTOM SUPPORT FOR DOORS
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL
REQUIRED: (2) 13.78" LONG



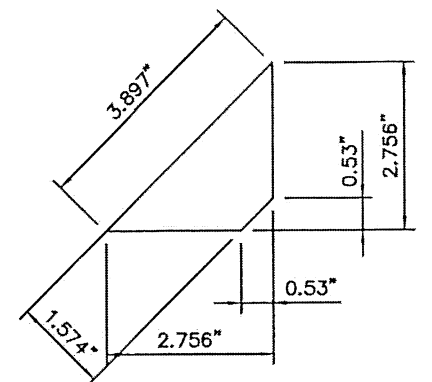
7 CLADDING, JAMB & HEAD
SCALE: 4" = 1'-0"
MATERIAL: STAINLESS STEEL, AISI 304L
THICKNESS: 0.0787"



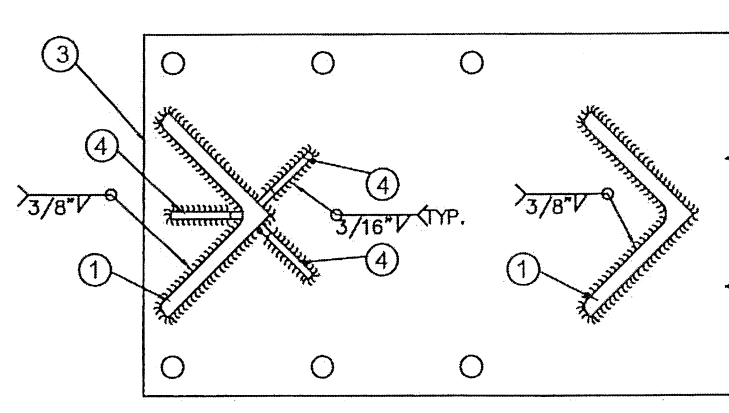
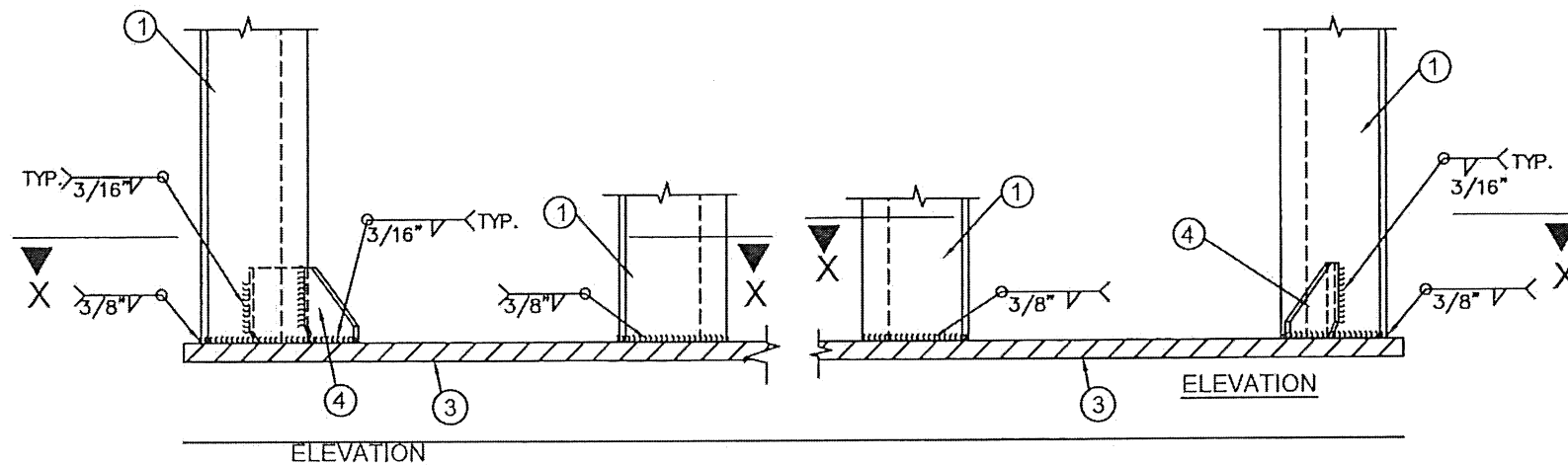
2 HORIZONTAL BOTTOM RAIL
SCALE: 4" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL



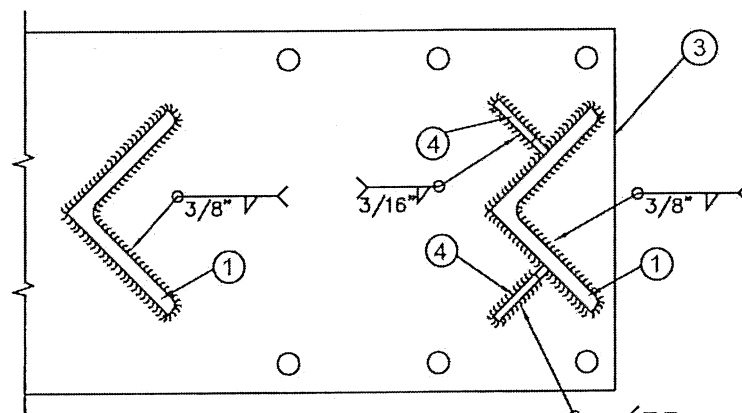
3 BASE PLATE
SCALE: 2" = 1'-0"
MATERIAL: ASTM A-36 GALVANIZED STEEL
THICKNESS: 0.625"



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 RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317.0
Expiration Date 22 OCT 2030
By *Healy M. M.*
Miami Dade Product Control

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

MIAMI DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
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

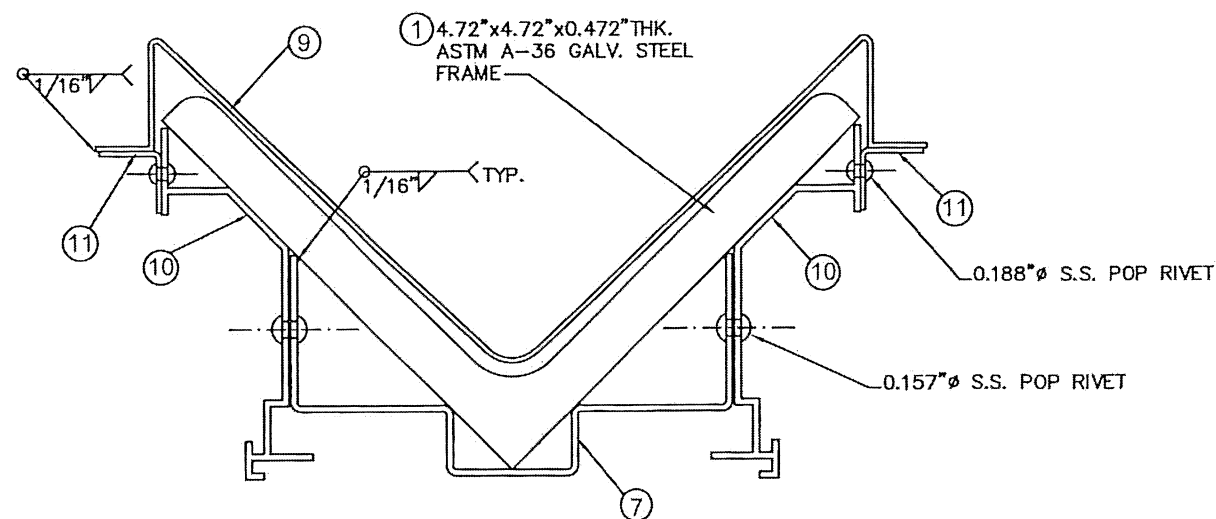
DATE:

23-121
DRAWING No.

SHEET 22 OF 33

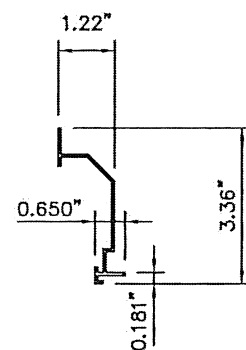
FRAME STRUCTURAL
COMPONENTS

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

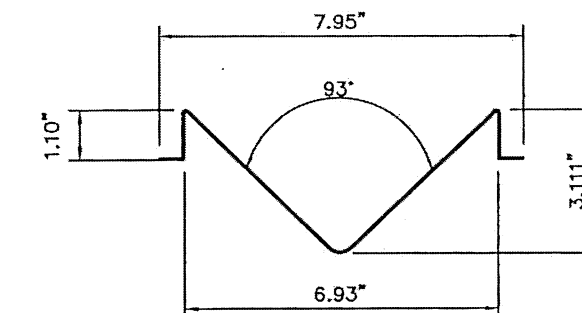


**TYPICAL SECTION - CLADDING MOUNTING
ON MAIN STRUCTURE ①**
SCALE: 6.86" = 1'-0"

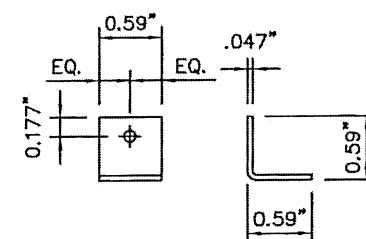
NOTE: ALL JOINTS BETWEEN CLADDING
COMPONENTS MUST BE RIVETED



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



⑨ EXTERIOR CLADDING FOR ①
SCALE: 4" = 1'-0"
MATERIAL: STAINLESS STEEL, AISI 304L
THICKNESS: 0.0472"



⑪ CLIP FOR ⑨ & ⑩
SCALE: 7" = 1'-0"
MATERIAL: STAINLESS STEEL, AISI 304L
(12 UNITS REQ'D)

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Helga A. Meln*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816-23
Expiration Date 27 OCT 2025
By *Helga A. Meln*
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

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

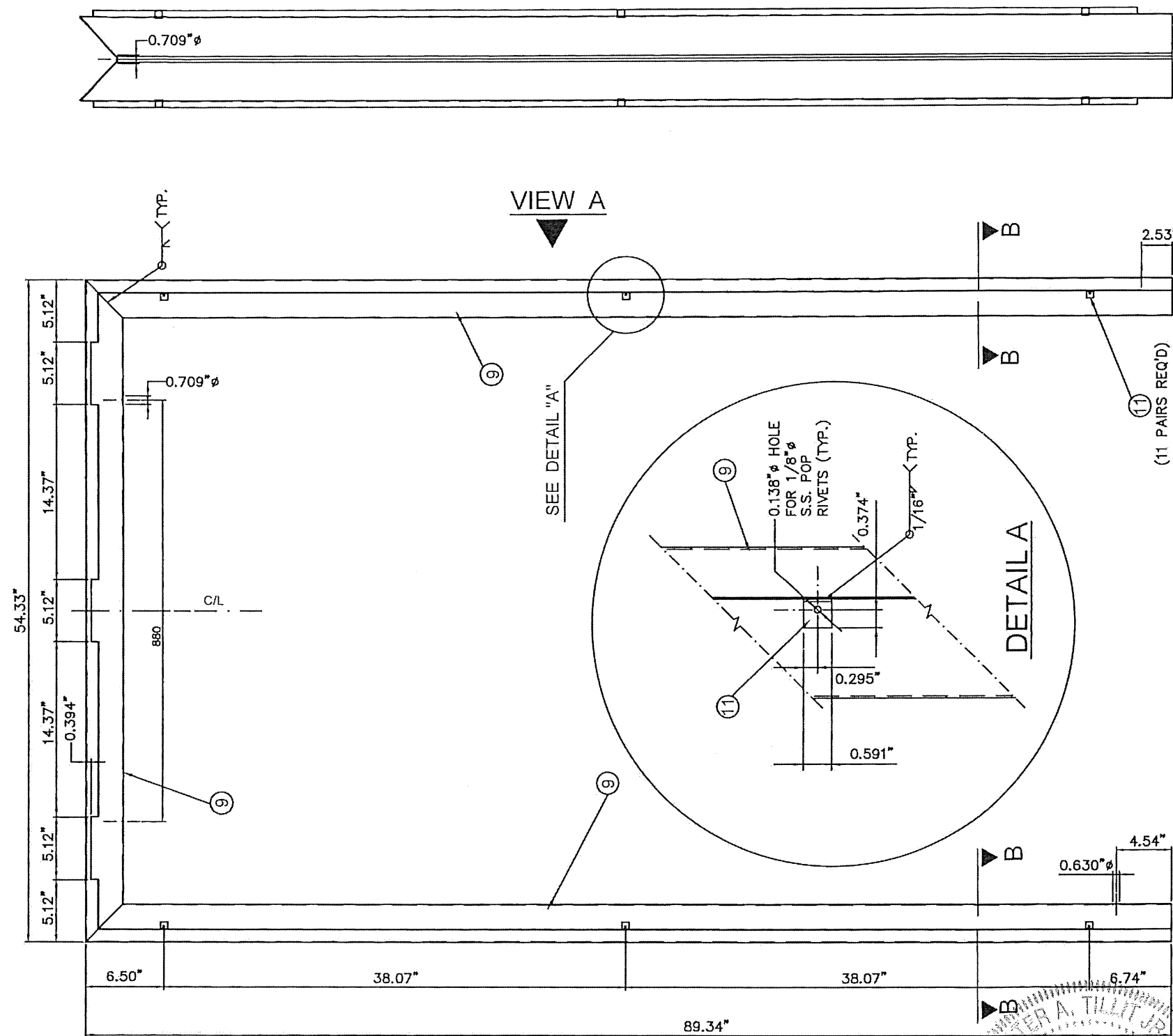
DATE:

23-121
DRAWING No.

SHEET 24 OF 33

FRAME CLADDING

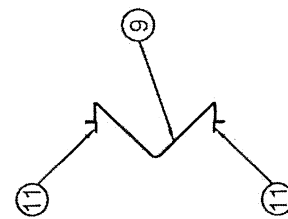
No.	Date	Description
1	7/21/23	OLD 20-032



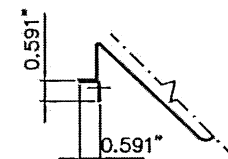
VIEW A

ELEVATION

SCALE: 1.15" = 1'-0"

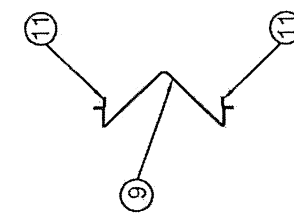


SECTION B-B



DETAIL B

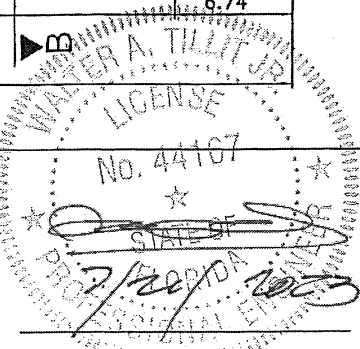
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Walter A. Tillit Jr.*
Miami Dade Product Control



SECTION B-B

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

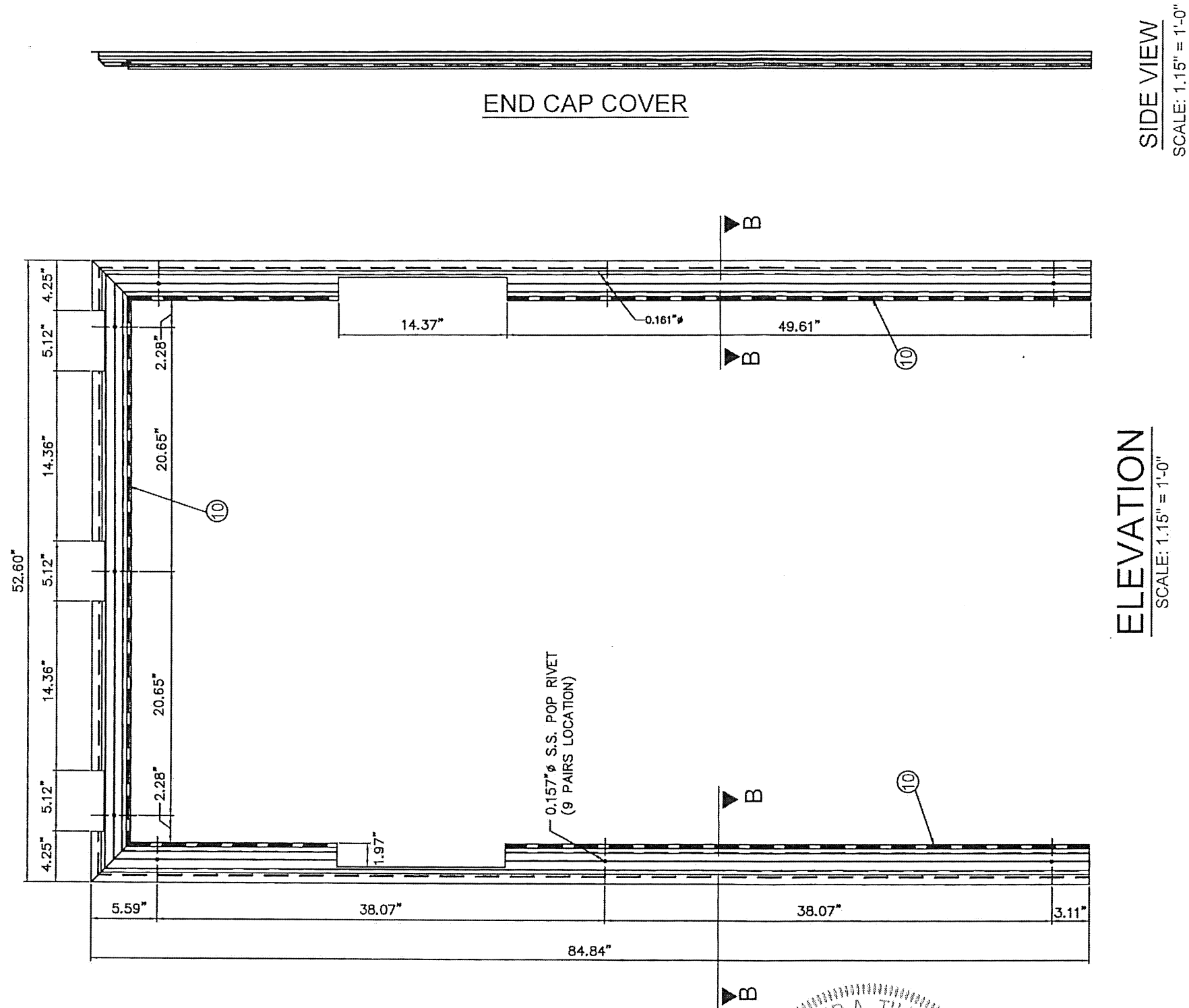
DATE:

23-121
DRAWING No.

SHEET 25 OF 33

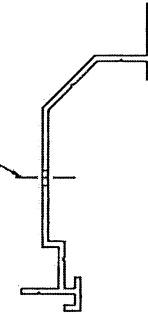
CLADDING 9

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



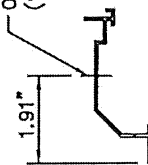
0.157" S.S. POP RIVET
(9 LOCATIONS) TO ⑦

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



0.157" S.S. POP RIVET
(9 LOCATIONS) TO ⑦

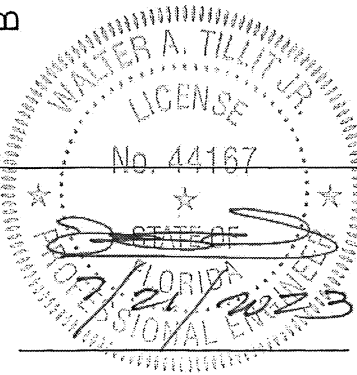
SECTION B-B
SCALE: 3" = 1'-0"



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317.04
Expiration Date 22 OCT 2030
By *Hely A. Malm*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0218.23
Expiration Date 22 OCT 2025
By *Hely A. Malm*
Miami Dade Product Control

MIAMI DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

TILTECO inc.
TILLIT TESTING & ENGINEERING COMPANY
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DISPLAY UNIT

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DRAWING BY:
Y.M.

7/21/2023

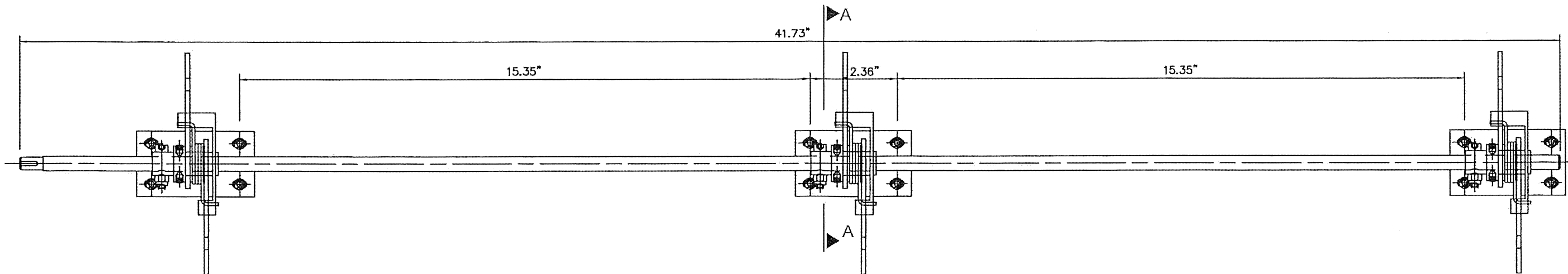
DATE:

23-121
DRAWING No.

SHEET 26 OF 33

CLADDING ⑩

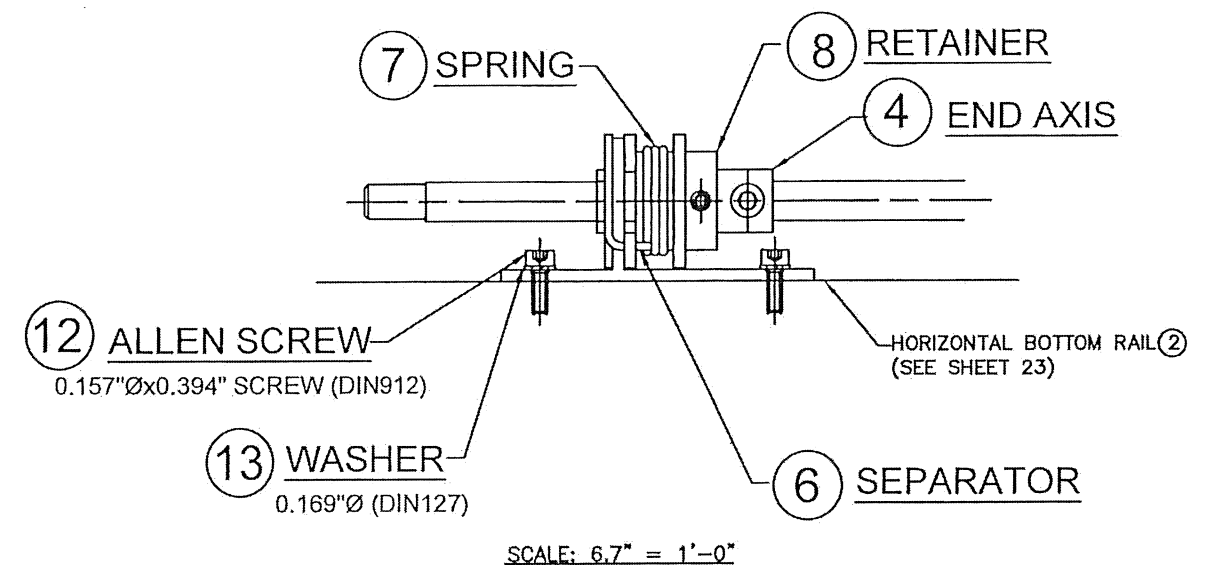
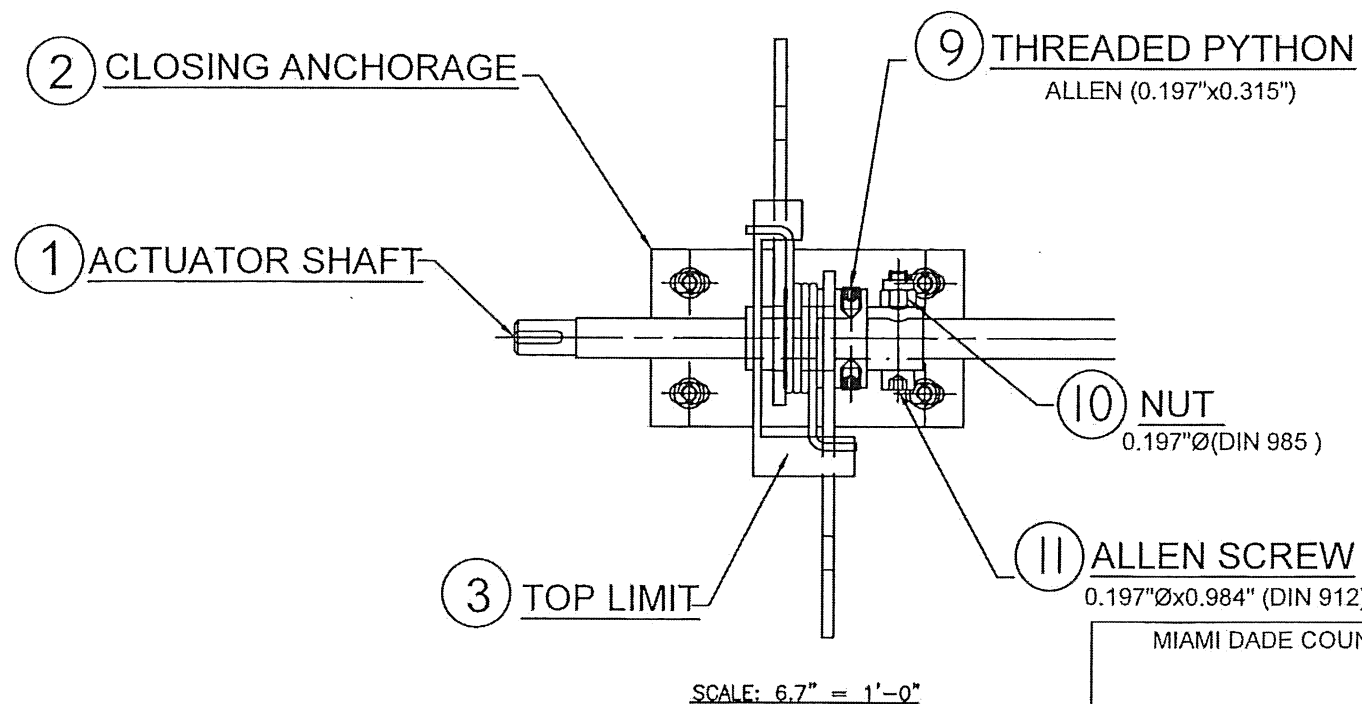
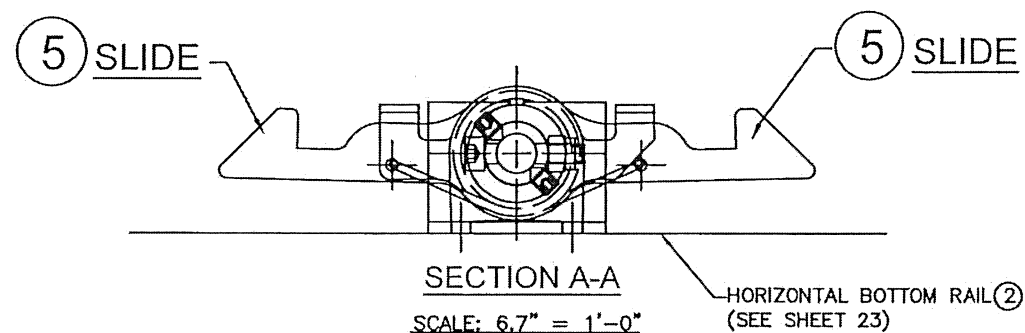
1	7/21/23	OLD 20-032
No.	Date:	Description:
Revisions		



LOCKING ASSEMBLY FOR DOORS @ BOTTOM

SCALE: 4.4\" = 1'-0"

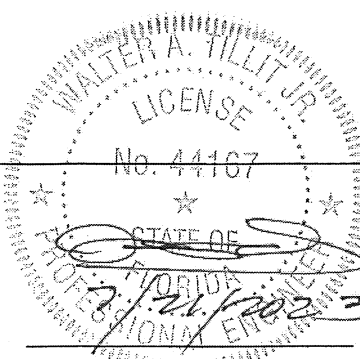
REQUIRES:(1) PER UNIT



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317,04
Expiration Date 22 OCT 2030
By *Walter A. Tillit Jr.*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816,23
Expiration Date 22 OCT 2025
By *Walter A. Tillit Jr.*
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,
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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

LOCKING DEVICE
ASSEMBLY

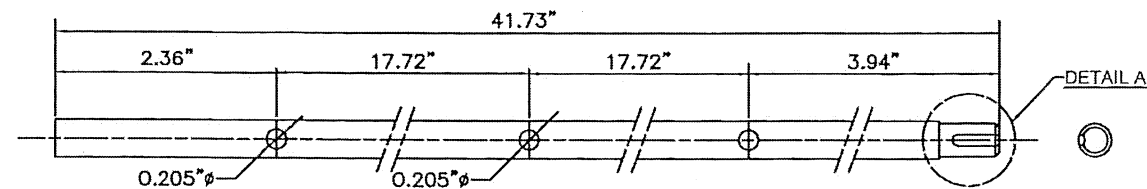
OUTFRONT MEDIA, INC.
8530 NW 23rd Street
Doral, FL 33122
Phone (786) 646-9136

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

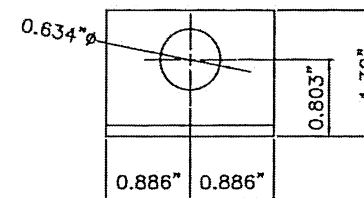
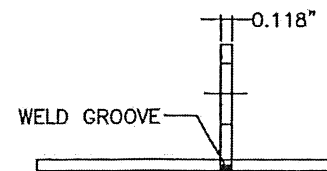
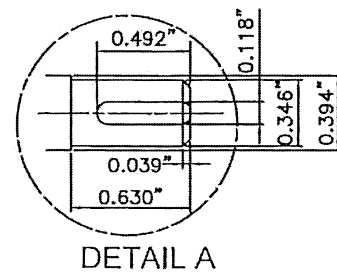
DRAWING BY:
Y.M.

7/21/2023
DATE:

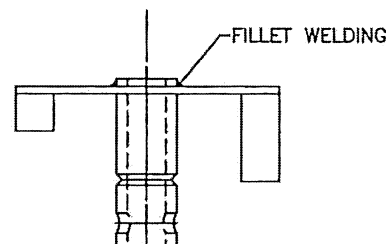
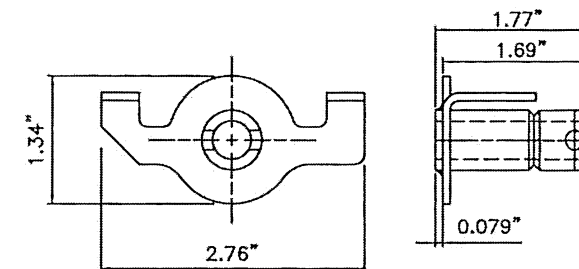
23-121
DRAWING No.
SHEET 27 OF 33



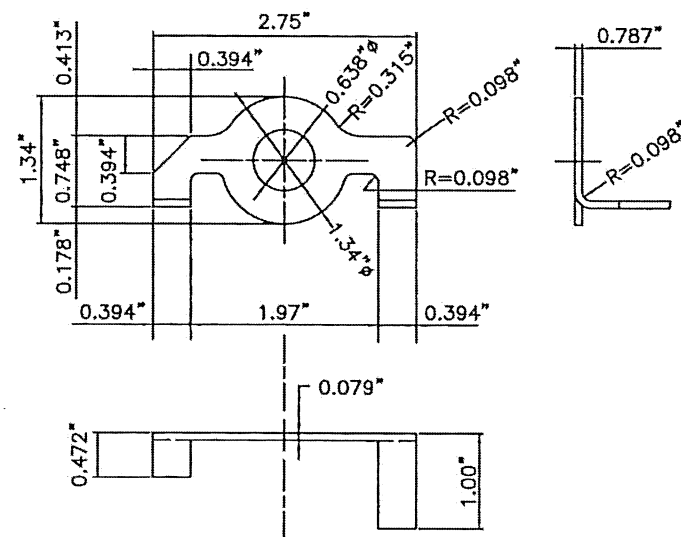
1 ACTUATOR SHAFT
MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 1 PER SET



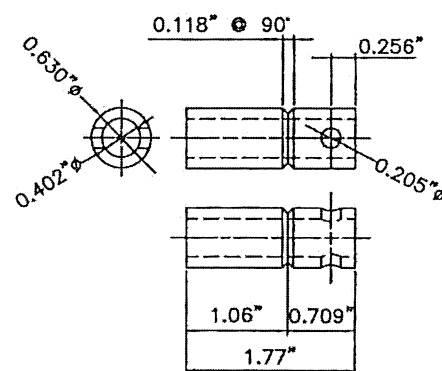
2 CLOSER ANCHORAGE
MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 1 PER SET



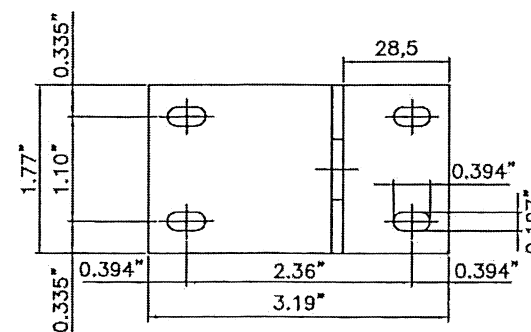
TOP END GROUP
ALL WELDED PIECES
COMPRISED OF TOP END &
END SHAFT



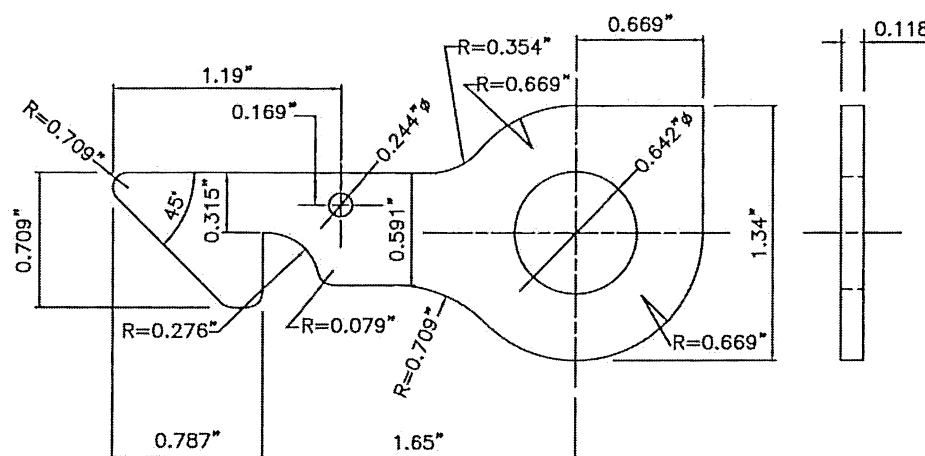
3 TOP LIMIT (END)
MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET



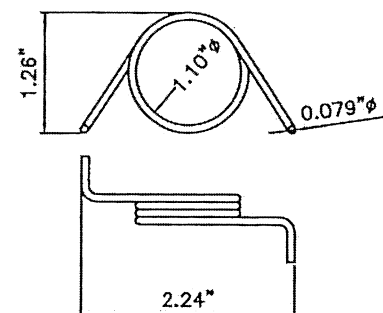
4 END AXIS
MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET



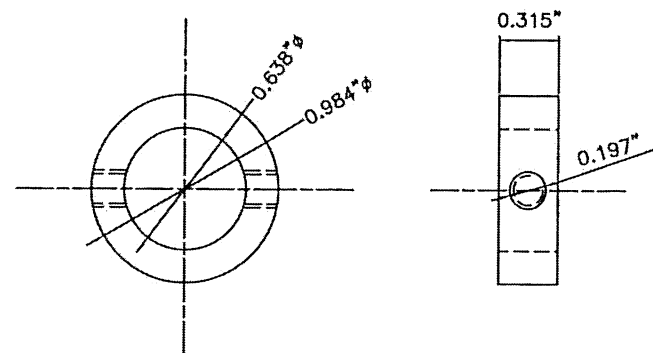
5 SLIDE
MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 4 PER SET



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



7 SPRING
MATERIAL: SCHOCK WIRE
QUANTITY: 2 PER SET

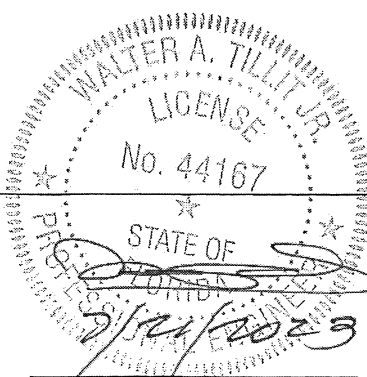


8 RETAINER
MATERIAL: STAINLESS STEEL, AISI 304
QUANTITY: 2 PER SET

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317.04
Expiration Date 22 OCT 2030
By *Walter A. Tillit Jr.*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0816.23
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
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

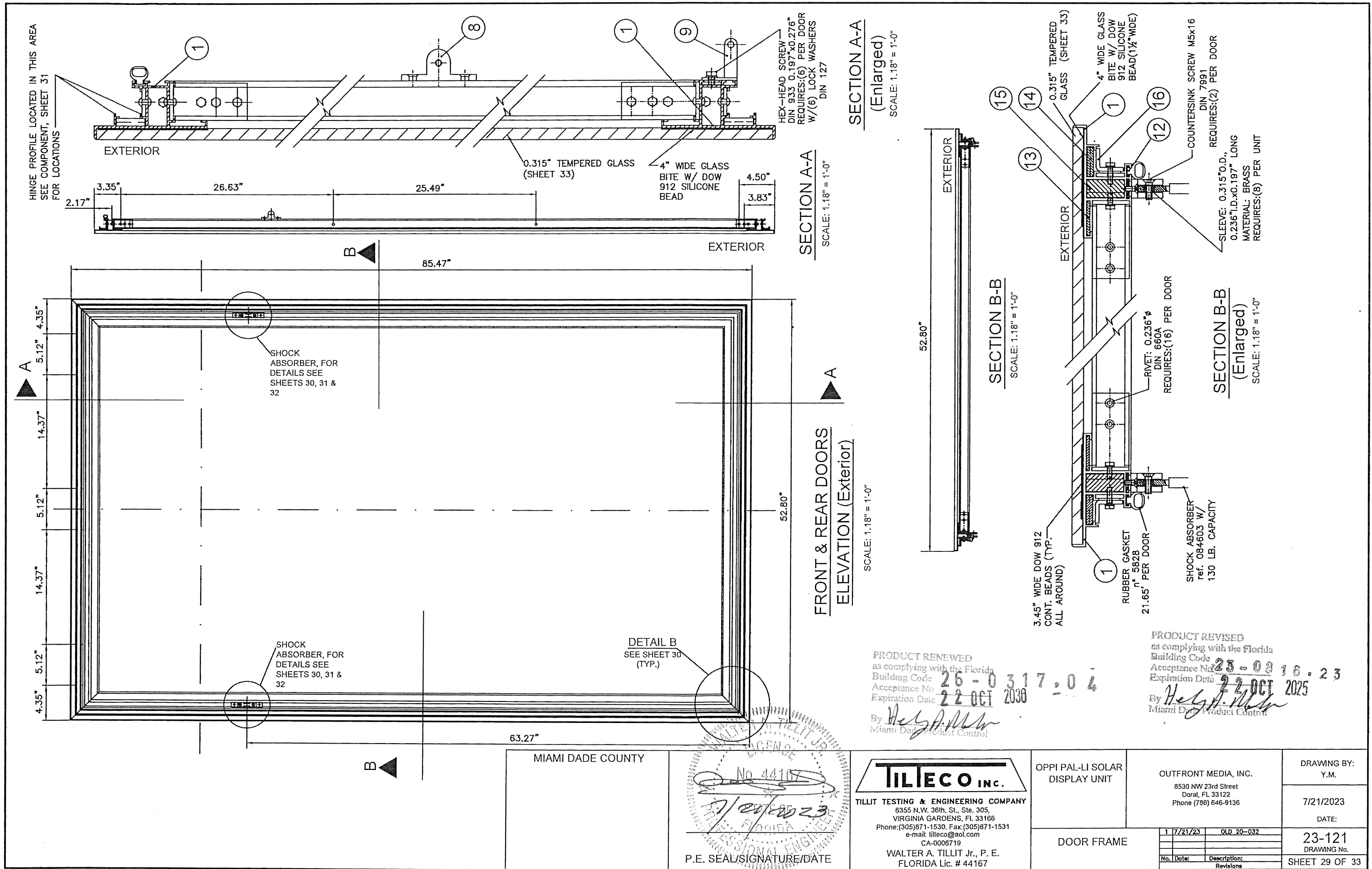
DATE:

23-121
DRAWING No.

SHEET 28 OF 33

LOCKING ASSEMBLY
COMPONENTS

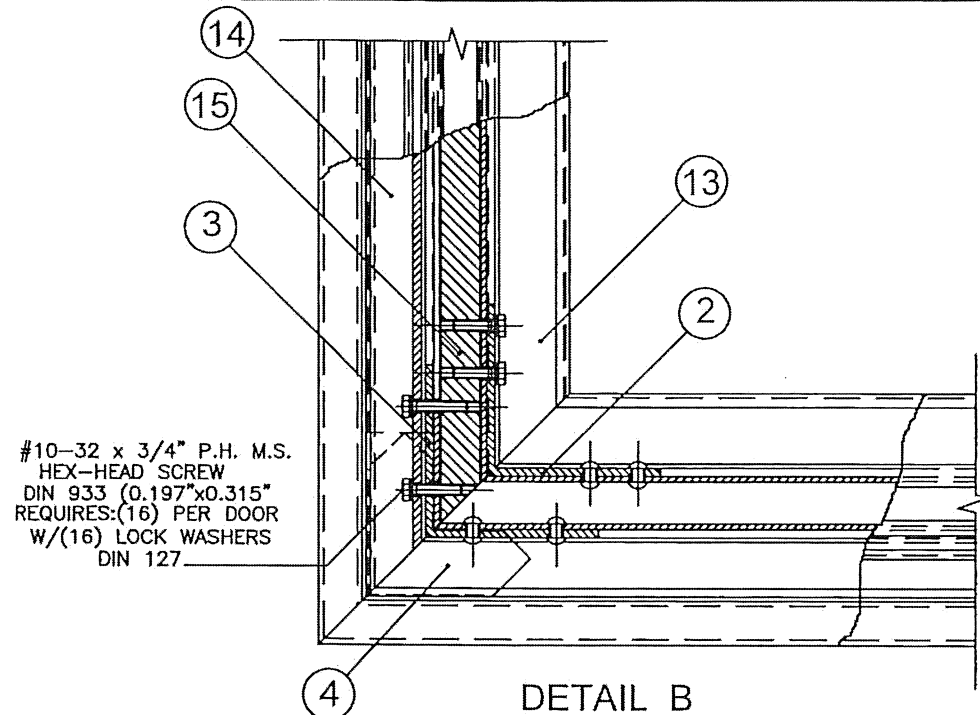
No.	Date	Description	Revisions
1	7/21/23	OLD 20-032	



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 26-0317-04
Expiration Date 22 OCT 2030
By *Walter A. Tillit Jr.*
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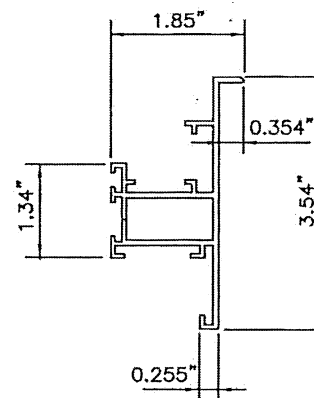
PRODUCT REVISED
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Acceptance No. 23-0816-23
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By *Heidi A. Miller*
Miami Dade Product Control

MIAMI DADE COUNTY		 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:															
	P.E. SEAL/SIGNATURE/DATE		DOOR FRAME	<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>No.</td><td>Date:</td><td>Description:</td></tr><tr><td></td><td></td><td>Revisions</td></tr></table>	1	7/21/23	OLD 20-032							No.	Date:	Description:			Revisions	23-121 DRAWING No. SHEET 29 OF 33
1	7/21/23	OLD 20-032																		
No.	Date:	Description:																		
		Revisions																		

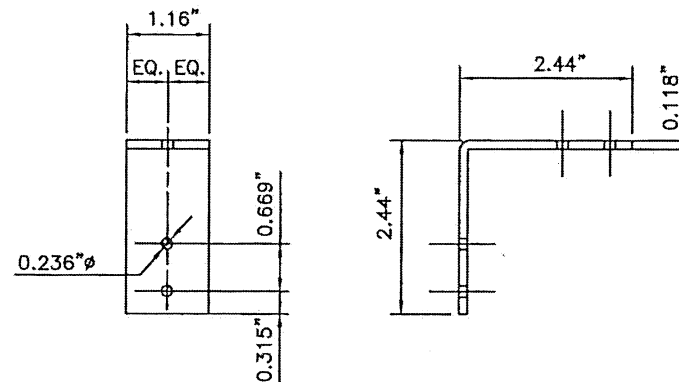


#10-32 x 3/4" P.H. M.S.
HEX-HEAD SCREW
DIN 933 (0.197"x0.315")
REQUIRES:(16) PER DOOR
W/(16) LOCK WASHERS
DIN 127

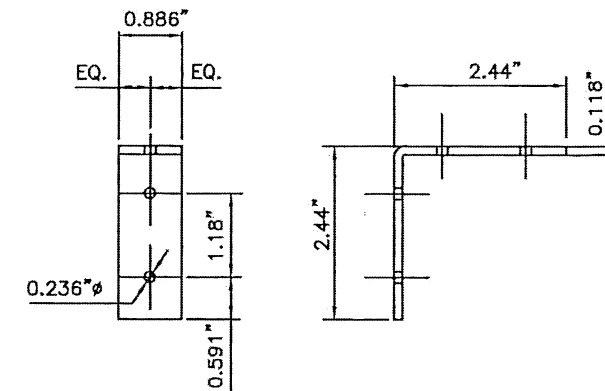
DETAIL B
DOOR FRAME CORNER
SCALE: 4.7" = 1'-0"



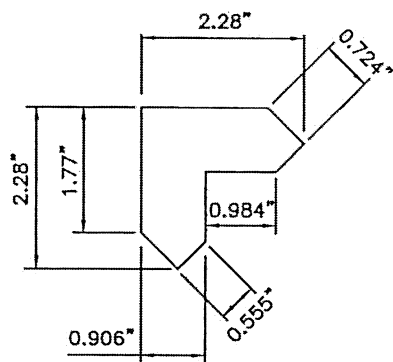
1 EXTRUDED ALUMINUM
DOOR FRAME (TYP)
SCALE: 4.7" = 1'-0"
MATERIAL: 6005-T5 ALUM. ALLOY
THICKNESS: .078"



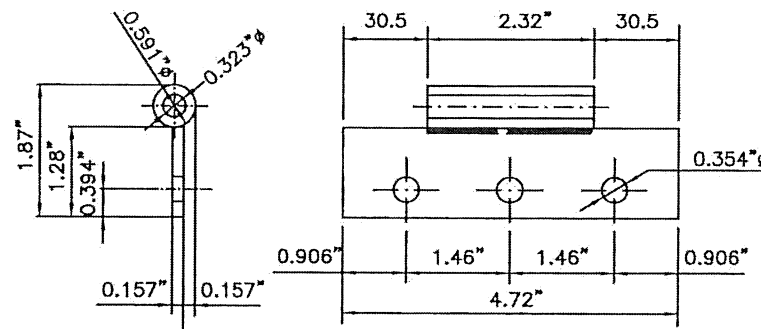
2 INTERIOR CORNER
ANGLE PLATE
REQUIRES:(4) PER DOOR
MATERIAL: STAINLESS STEEL AISI 304L



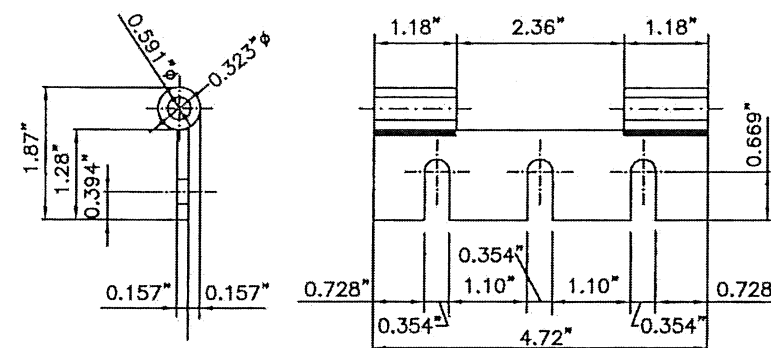
3 EXTERIOR CORNER
ANGLE PLATE
REQUIRES:(4) PER DOOR
MATERIAL: STAINLESS STEEL AISI 304L



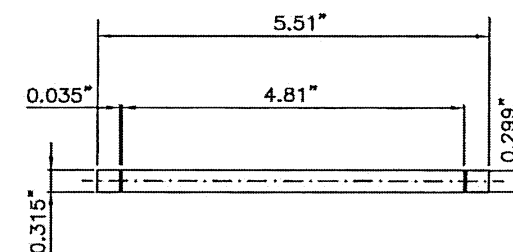
4 SURFACE CORNER PLATE
SCALE: 4.7" = 1'-0"
REQUIRES:(8) PER DOOR
THICKNESS: 0.118"
MATERIAL: STAINLESS STEEL AISI 304L



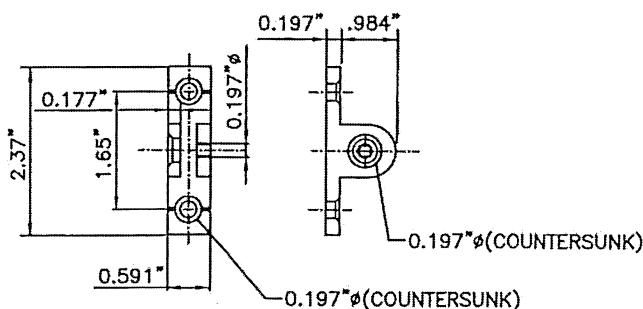
5 DOOR MOUNT HINGE
REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L



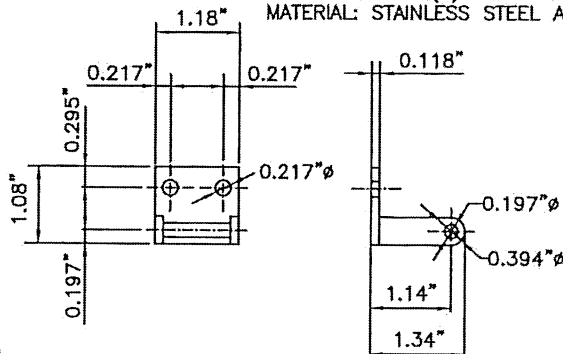
6 FRAME MOUNT HINGE
REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L



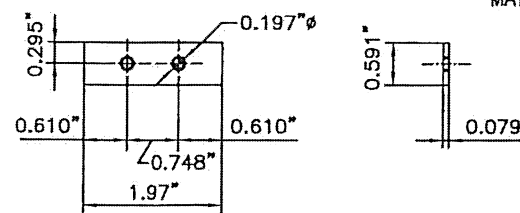
7 HINGE PIN
REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL
(TAMPERPROOF) DIN 471



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



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



10 CLOSURE LATCH PLATE
REQUIRES:(6) PER OPPI
MATERIAL: STAINLESS STEEL, AISI 304L

PRODUCT RENEWED
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Miami Dept. Product Control

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MIAMI DADE COUNTY

No. 44167
7/21/2023
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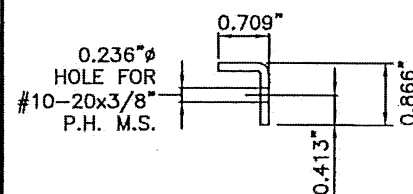
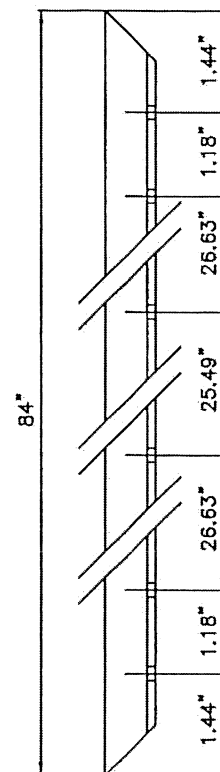
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OPPI PAL-LI SOLAR
DISPLAY UNIT
DOOR FRAME
COMPONENTS

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

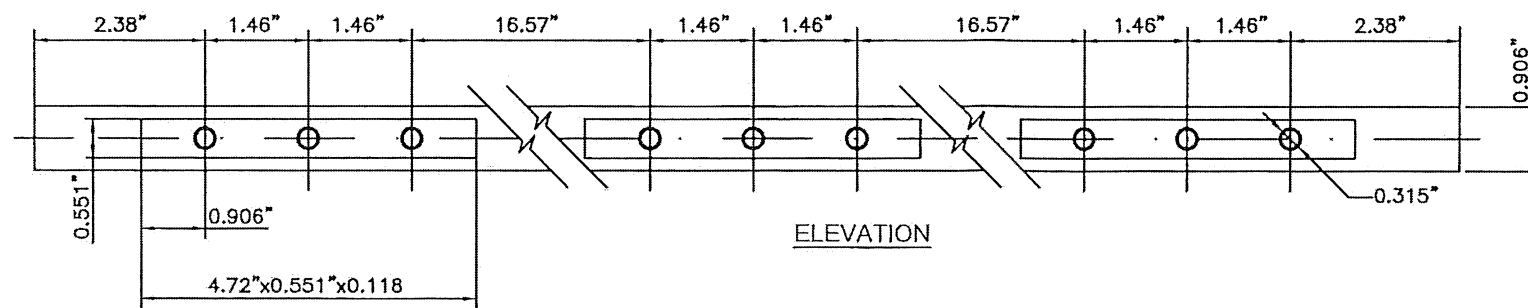
DRAWING BY:
Y.M.
7/21/2023
DATE:
23-121
DRAWING No.
SHEET 30 OF 33

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



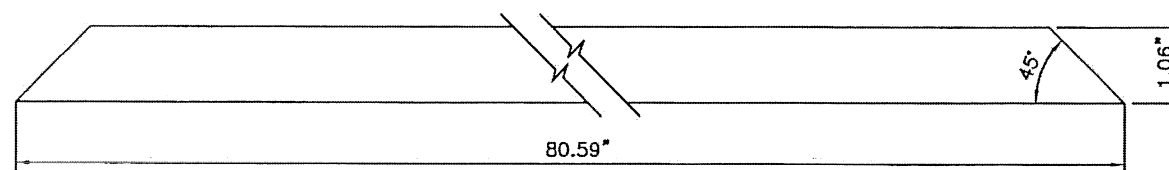
16 "L" DOOR FRAME REINFORCEMENT PLATE

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



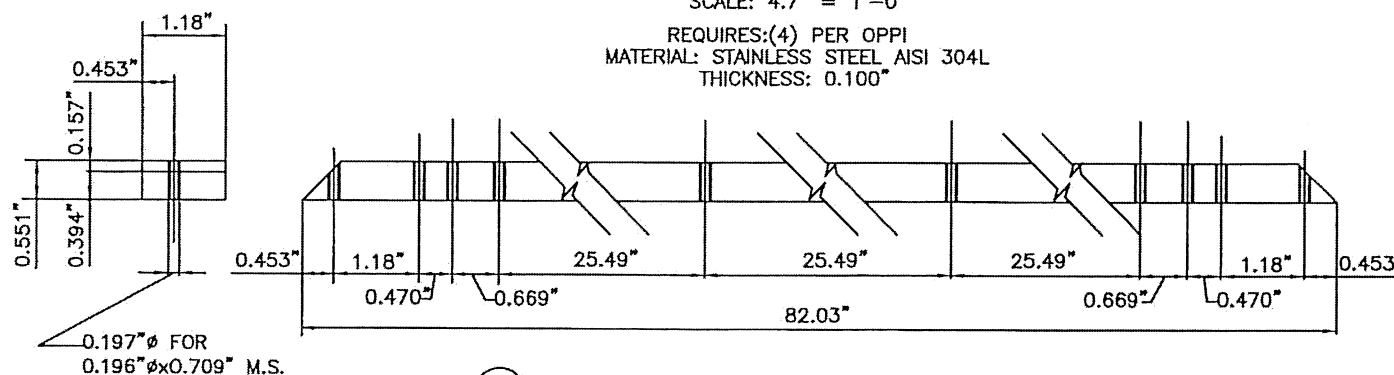
11 DOOR HINGE FIXING PLATE

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



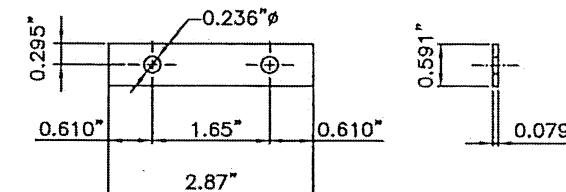
13 DOOR FRAME REINFORCEMENT PLATE: STILES

SCALE: 4.7" = 1'-0"
REQUIRES:(4) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L
THICKNESS: 0.100"



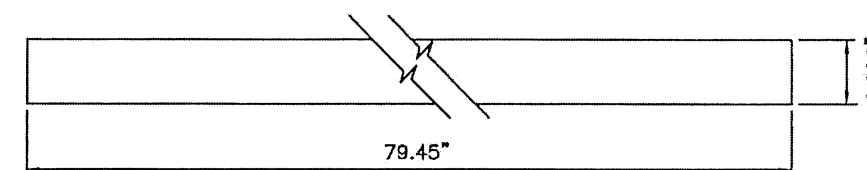
15 DOOR FRAME REINFORCEMENT PLATE: STILES

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



12 FIXING PLATE FOR SHOCK ABSORBER

SCALE: 4.7" = 1'-0"
REQUIRES:(4) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L
THICKNESS: 0.079"



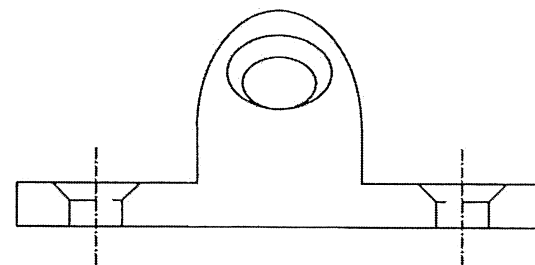
14 DOOR FRAME REINFORCEMENT PLATE: STILES

SCALE: 4.7" = 1'-0"
REQUIRES:(4) PER OPPI
MATERIAL: STAINLESS STEEL AISI 304L
THICKNESS: 0.197"

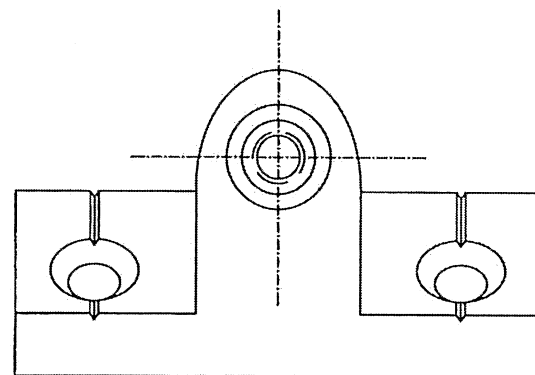
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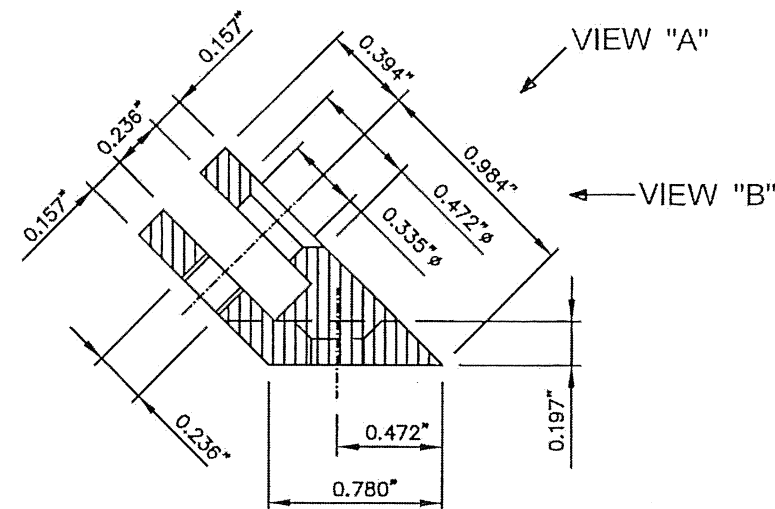
MIAMI DADE COUNTY	WALTER A. TILLIT JR. LICENSE No. 44167 P.E. SEAL/SIGNATURE/DATE	TILLECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305) 871-1530, Fax: (305) 871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	OPPI PAL-LI SOLAR DISPLAY UNIT	OUTFRONT MEDIA, INC. 8530 NW 23rd Street Doral, FL 33122 Phone (788) 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	



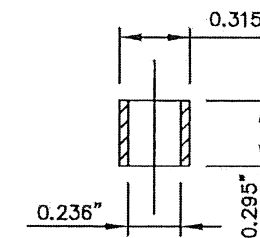
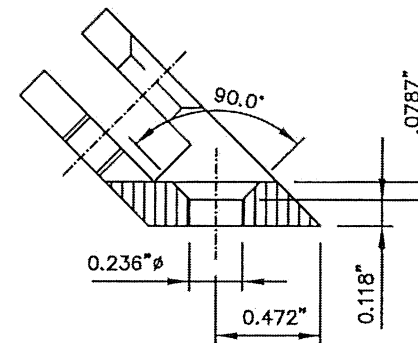
VIEW "B"



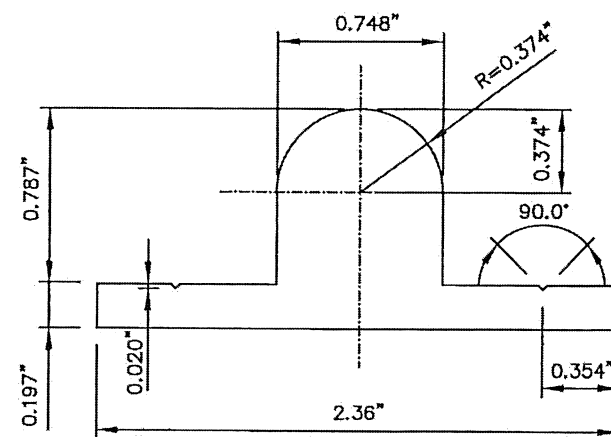
VIEW "A"



PLAN



SECTION - SLEEVE / BUSHING



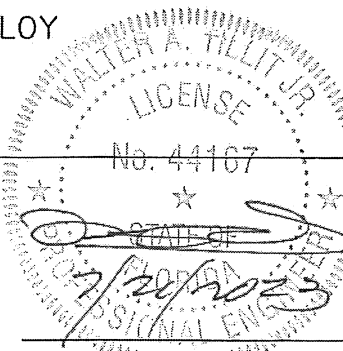
TYPICAL SECTION

6063-T5 ALUM. ALLOY

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MIAMI DADE COUNTY



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TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305,
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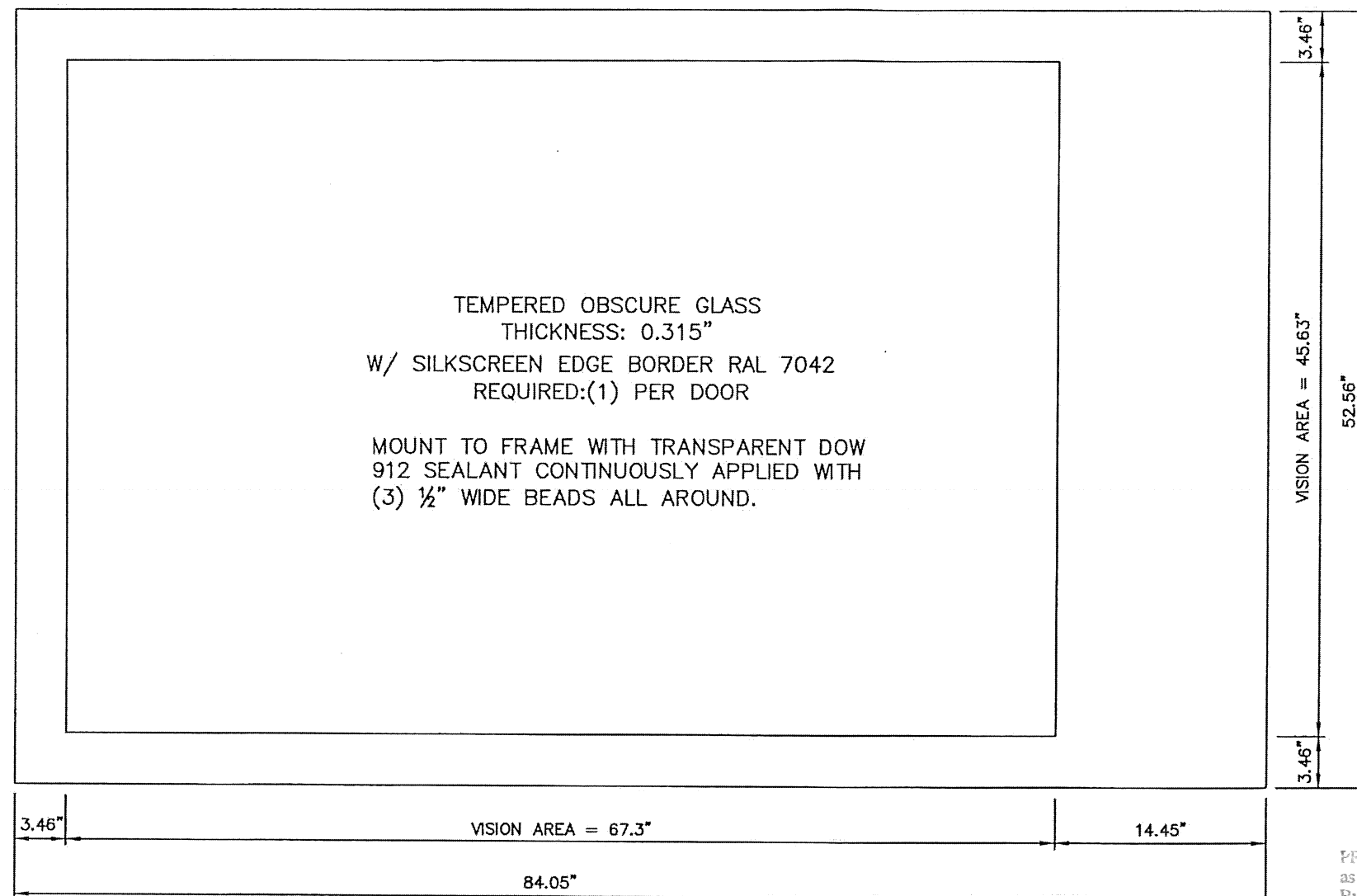
DATE:

23-121
DRAWING No.

SHEET 32 OF 33

SHOCK ABSORBER
SUPPORT BRACKET

No.	Date	Description	Revisions
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VISION PANEL

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WALTER A. TILLIT JR.
LICENSE
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STATE OF FLORIDA
PROFESSIONAL ENGINEER
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SHEET 33 OF 33

VISION PANEL

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