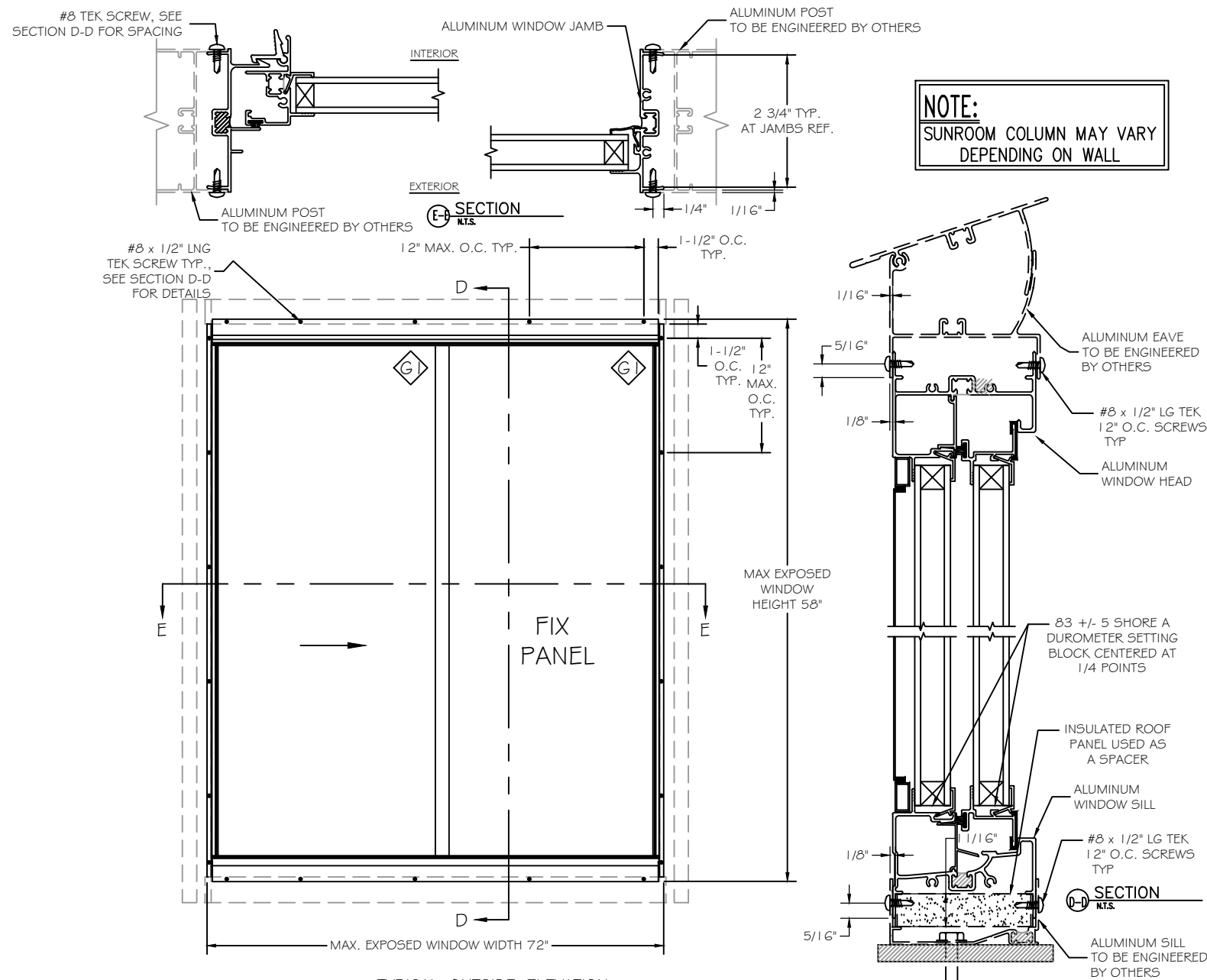


06/08/2021 - 10:10am
Ramez
C:\Users\ramez\Engineering\Express\Production - Documents\Projects\21-39515 Series 230 Horizontal Sliding Window - 230 HS - 2020 FBC\Work\Drawings & CAD\21-39515 230 Horizontal Slider (2020 FSA).dwg

-FOR USE IN NON-HABITABLE SUNROOMS ONLY AS DESCRIBED IN AAMA/NPEA/NSA 2100.

-FOR USE AS A CATEGORY IV SUNROOM IF SYSTEM MEETS THERMAL PERFORMANCE AS DESCRIBED IN SECTION 7 IN AAMA/NPEA/NSA 2100.



NOTES:

1. THIS WINDOW IS APPROVED ONLY FOR INSTALLATION INTO SEPARATELY ENGINEERED FOUR SEASONS ALUMINUM SUNROOM. INSTALLATION INTO ANY OTHER SUBSTRATE SHALL REQUIRE A SEPARATE, SITE SPECIFIC DESIGN TO BE PREPARED BY A FL-REGISTERED PROFESSIONAL ENGINEER, AND SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL.
2. ALL FASTENERS SHALL PENETRATE SHEET METAL WITH THREE FULL THREAD PITCHES.

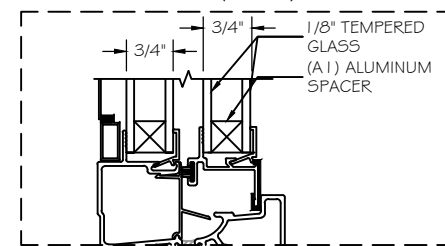
REFER TO MFR. INFORMATION
& TEST DATA FOR MORE
INFORMATION ON EXTRUSIONS

A TYPICAL OUTSIDE ELEVATION
N.T.S.

NOTE:

1. GLASS THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS.

2. SETTING BLOCK SHALL COMPLY WITH 2411.3.3.1 OF THE FLORIDA BUILDING CODE SEVENTH EDITION (2020)



(G1) GLASS DETAIL
(NON IMPACT)

WATER PENETRATION PER ASTM E547: 7.5 PSF
AIR INFILTRATION PER ASTM E283

VISIT [ECALC.IO/39512](https://ecalc.io/39512)

FOR HELPFUL RESOURCES, SITE
SPECIFIC JOB ORDERING & MORE
INFORMATION ABOUT THIS PRODUCT
& RELATED SERVICES



(NON IMPACT APPROVED)
MAXIMUM ALLOWABLE DESIGN PRESSURES (A.S.D.):

+40 PSF / -40 PSF

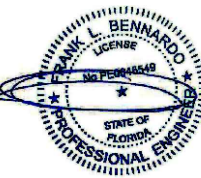
DESIGN NOTES:

1. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE. SITE-SPECIFIC PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-16 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SEVENTH EDITION (2020) SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
2. FOR USE IN SUNROOMS, SYSTEM TO BE USED AS AN AAMA 2100 CATEGORY I-IV ONLY & AS PER FBC 2002.6
3. THE HOST STRUCTURE IS NOT TO BE MODIFIED WITH THE ADDITION OF THIS UNIT.

GENERAL NOTES:

1. THIS SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SEVENTH EDITION (2020) PER AAMA/WDMA/CSA 101/I.S.2/A440-05 STANDARDS FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) ONLY.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
3. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT. ALL ALUMINUM EXTRUSION SHALL BE EQUIVALENT TO OR GREATER THAN THE MINIMUM ALLOYS AND TEMPERAS AS SPECIFIED IN THE BILL OF MATERIALS.
5. ALL FASTENERS TO BE 1/4"Ø SAE GRADE 5 CARBON STEEL UNLESS NOTED OTHERWISE. FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
6. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
7. ENGINEER SEAL AFFIXED HERE TO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
8. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
9. ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
10. PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER WINDOW CONTAINING THE FOLLOWING:
FOUR SEASONS SOLAR PRODUCTS LLC
HOLBROOK, NY
AAMA/WDMA/CSA 101/I.S.2/A440-05
APPROVED BY FLORIDA BUILDING COMMISSION
FLORIDA PRODUCT APPROVAL NUMBER
11. THE SYSTEM DETAILED HEREIN HAS BEEN TESTED PER THE TEST STANDARD(S) LISTED ABOVE AS REFERENCED IN TEST REPORT #ETC-07-1014-18605.1 BY ETC LABORATORIES.

RANK BENNARDO, P.E.
E# 0046549 CA# 9885



06/08/2021

FL#12295.2



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FOUR SEASONS SOLAR PRODUCTS, LLC.
FOUR VETERANS MEMORIAL LITIGATION

5005 VETERANS MEMORIAL HIGHWAY

HOLBROOK, NY 11741

PH: (631) 563-4000

SERIES 230 HORIZONTAL SLIDER FOR SUNROOM
FLORIDA PRODUCT APPROVAL

REMARKS	DRWN	CHRD	DATE
INIT ISSUE	JAC	FLB	02/15/17
REV (2017 FBC)	RWN	FLB	08/14/17
REV (2020 FBC)	TAE	AJP	04/24/21
-	-	-	-
-	-	-	-
-	-	-	-

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21-39515

SCALE: NTS UNLESS NOTED

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