OUTSWING DOOR DESIGN PRESSURE CAPACITY +/- 50.0 PSF A.S.D.

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

INSWING DOOR DESIGN PRESSURE CAPACITY +/- 40.0 PSF A.S.D.

WATER PENETRATION PER ASTM E547: 6.1 PSF AIR INFILTRATION PER ASTM E283

REQUIREMENTS

I.GLASS THICKNESS COMPLIES WITH ASTM E1300

2.SETTING BLOCK SHALL COMPLY WITH 2411.3.3.1

OF THE FLORIDA BUILDING CODE SEVENTH EDITION

(G1) GLASS DETAIL (NON IMPACT)

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

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

VISIT ECALC.IO/39509

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



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

OUTSWING:

- + 50 PSF
- 50 PSF

INSWING:

- + 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 &

3. THE HOST STRUCTURE IS NOT TO BE MODIFIED WITH THE ADDITION OF THIS UNIT

GENERAL NOTES:

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 FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES

DIVIDED BY A 1.5 SAFETY FACTOR.

3. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR

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.

5. 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.

6. ALL ALUMINUM EXTRUSION SHALL BE EQUIVALENT TO OR GREATER THAN THE MINIMUM

ALLOYS AND TEMPERS AS SPECIFIED HEREIN.
7. ALL FASTENERS TO BE SAE GRADE 5 STEEL UNLESS NOTED OTHERWISE. FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL PER THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.

THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR

MATERIALS TO PREVENT ELECTROLYSIS.

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

10. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

11. ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

12. PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER

WINDOW CONTAINING THE FOLLOWING:

FOUR SEASONS SOLAR PRODUCTS

HOLBROOK, NY

AAMA/WDMA/CSA 101/I.S.2/A440-05 PRODUCT APPROVAL NUMBER

THE SYSTEM DETAILED HEREIN HAS BEEN TESTED PER THE TEST STANDARD(S) LISTED ABOVE AS REFERENCED IN TEST REPORT(S) #73507.02-301-44 AND 73506.02-301-44 BY

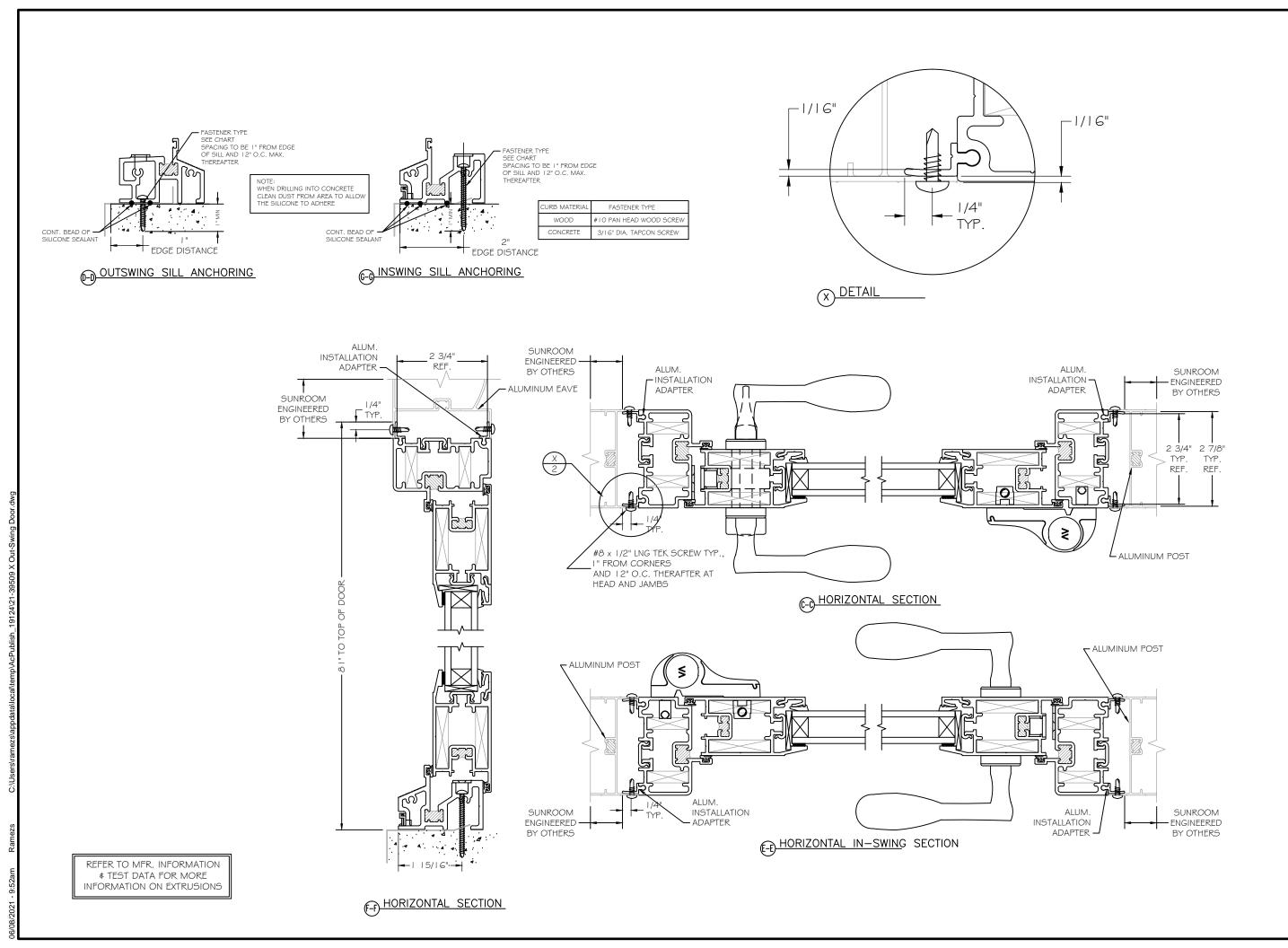
RANK BENNARDO, P.E

SEASONS SOLAR PRODUCTS, LLC. 5005 VETERANS MEMORIAL HIGHWAY HOLBROOK, NY 11741

SUNROOM ALUMINUM SINGLE OUT-SWING DOOR FLORIDA PRODUCT APPROVAL

FOUR

21-39509 SCALE: NTS UNLESS NOTED



FRANK BENNARDO, P.E. PE# 0046549 CA# 9885

FL#12155.3

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SUNROOM ALUMINUM SINGLE OUT-SWING DOOR FLORIDA PRODUCT APPROVAL

SEASONS SOLAR PRODUCTS, LLC. 5005 VETERANS MEMORIAL HIGHWAY HOLBROOK, NY 11741 PH: (631) 563-4000

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RWN FLB (
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REMARKS
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21-39509 SCALE: NTS UNLESS NOTED

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