

DOORS NOT RATED FOR IMPACT.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

## SERIES ES-45T (N.I.) ALUMINUM THERMALLY BROKEN OUTSWING DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE FOR NON HIGH VELOCITY HURRICANE ZONE.

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

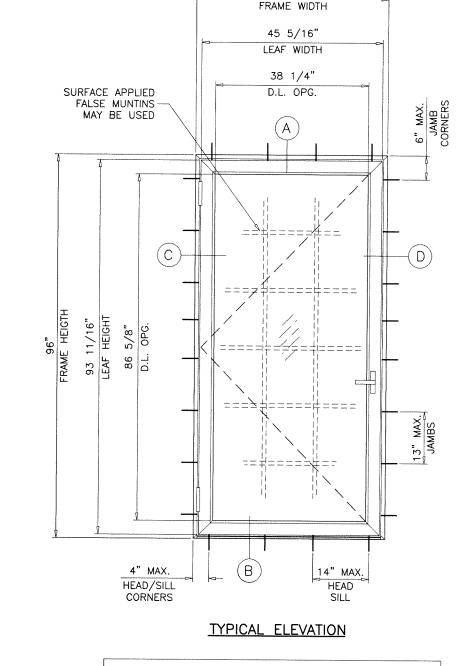
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

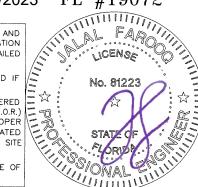


48"

MAXIMUM DESIGN LOAD RATING = + 70.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) - 70.0 PSF

Sealed: 8/1/2023

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- 3- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- 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.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



| Total Control | lescription | LT. LEAF STILE ADDED      | JPDATED TO 2020 FBC | JPDATED TO 2023 FBC |                |                |
|---|-------------|---------------------------|---------------------|---------------------|----------------|----------------|
|   | by          | _                         |                     |                     |                |                |
| isions:   | date        | 04.16.19                  | 12.17.20            | 07.31.23            |                |                |
| [e]   | no          | 4                         | æ                   | O                   |                |                |
| $\subseteq$   | 57          |                           | 70                  |                     |                | _              |
| 10-14-15  |             | 1/2"=1'-0"                |                     | TARIO               |                | ·              |
| date:   |             | scale:                    |                     | dr. by:             |                | COK. DV:       |
| d   | ra          | wir                       | na                  |                     | no             | ٠.             |
|   | $\equiv$    | date: 10–14–15 revisions: | date: 10-14-15      | date: 10-14-15      | date: 10-14-15 | date: 10-14-15 |

(C.A.N. 3538) FAX. (305) 262-6978

AL-FAROOQ CORPOR, SINGINEERS & PRODUCT DEVELOP 3360 SUNSET DRIVE, SUITE 220 AIAMI, FLORIDA 33173 (C.A EL. (305) 264-8100 FAX. (305)

CORPORATION

S.

OUTSWING

BROKEN

THERMALLY

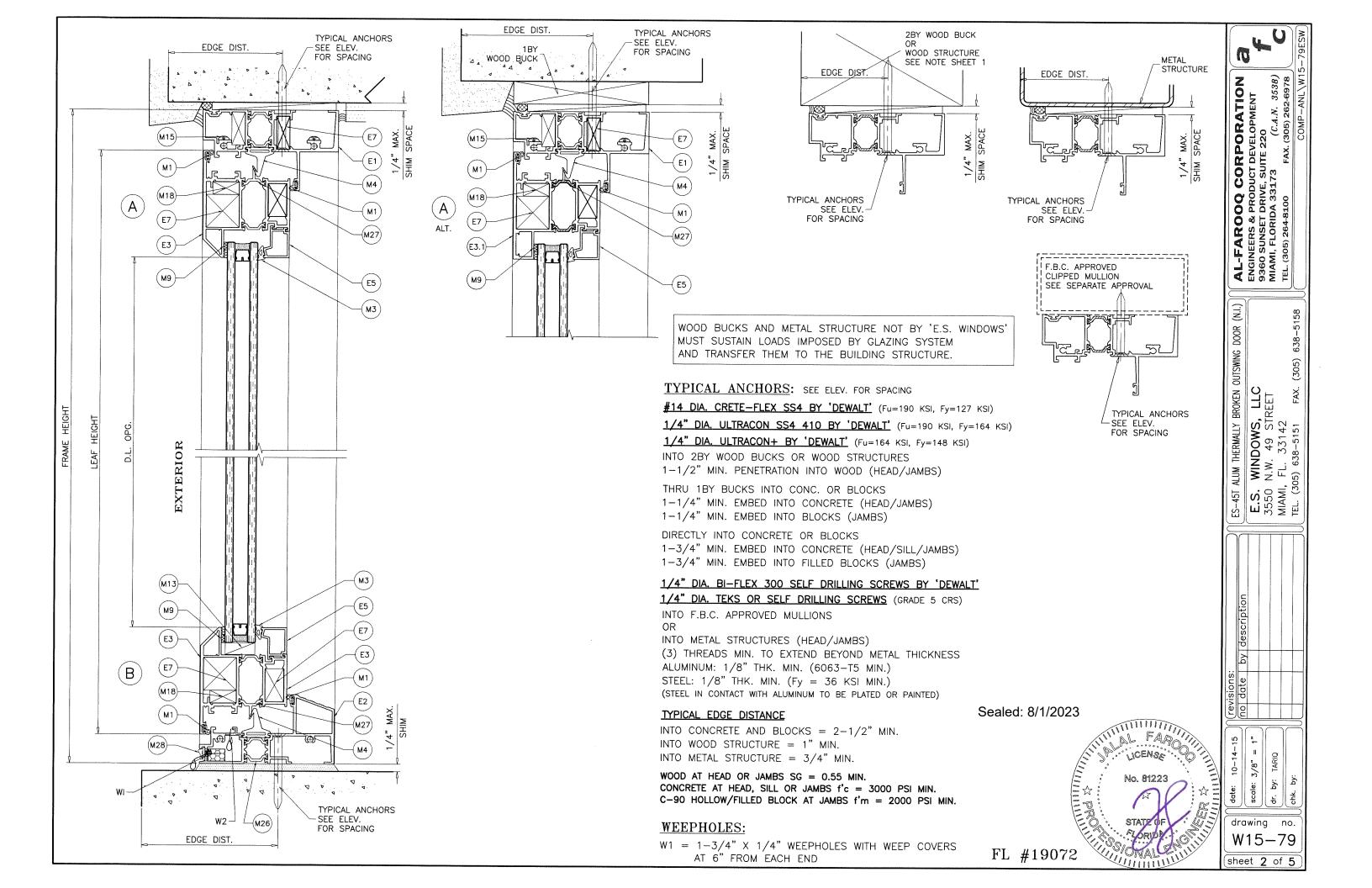
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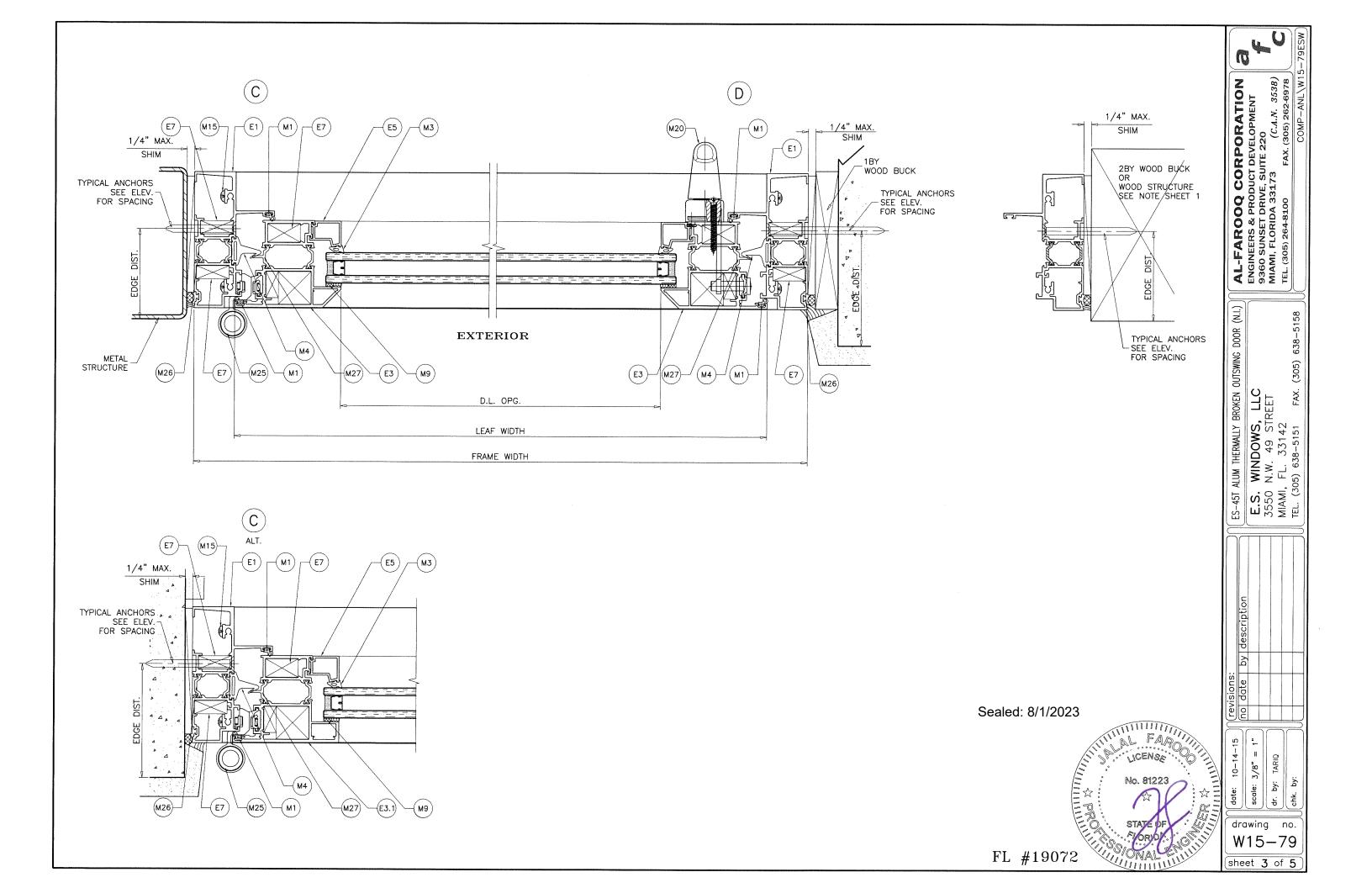
WINDOWS, LLC N.W. 49 STREET FL. 33142 (55) 638–5151 FAX.

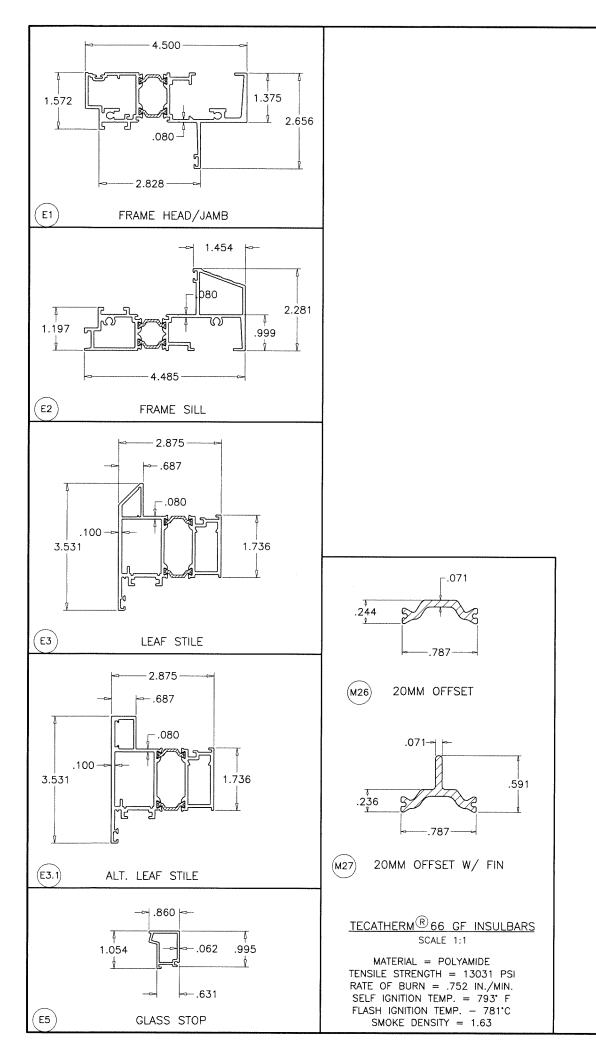
**E.S.** 3550 MIAMI, TEL. (30

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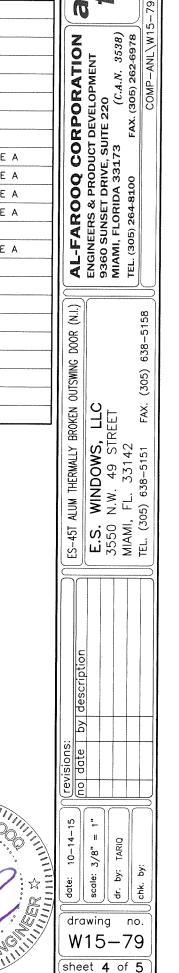
NOTE: GLASS CAPACITIES ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219





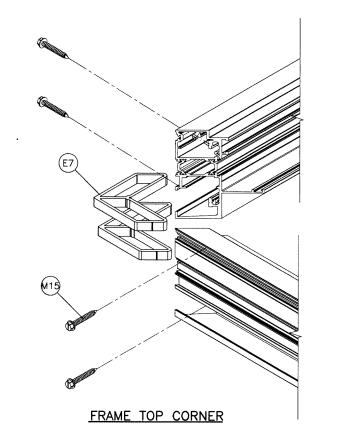


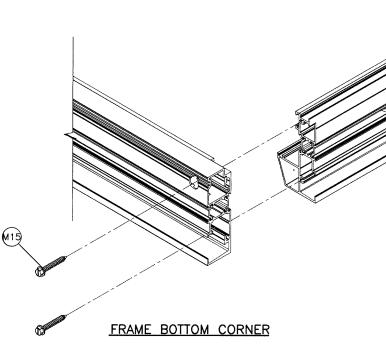
| ITEM # | PART #          | REQD.    | DESCRIPTION                               | MATERIAL      | MANF./SUPPLIER/REMARKS |
|--------|-----------------|----------|---|---------------|------------------------|
| E1     | ES-45T-001-002  | 3        | FRAME HEAD/JAMB                           | 6063-T6       | _                      |
| E2     | ES-45T-003-004  | 1        | FRAME SILL                                | 6063-T6       | -                      |
| E3     | ES-45T-005-006  | 4        | LEAF STILE                                | 6063-T6       | _                      |
| E3.1   | ES-45T-051      | 4        | ALT. LEAF STILE                           | 6063-T6       |                        |
| E5     | ES-45T-007      | 4/ LEAF  | GLASS STOP                                | 6063-T6       | -                      |
| E7     | ES-45T-011      | AS REQD. | CORNER KEY                                | 6063-T6       | -                      |
| E14    | ES-EUR-001      | 1        | EURO BAR                                  | 6063-T6       | -                      |
|        |                 |          |   |               |                        |
| М1     | ES-P251-G01     | AS REQD. | FRAME/LEAF GASKET                         | EPDM          | DUROMETER 70±5 SHORE A |
| м3     | ES-P251-G03     | AS REQD. | GLAZING GASKET                            | EPDM          | DUROMETER 70±5 SHORE A |
| М4     | ES-P251-G04     | AS REQD. | CHAMBER DIVIDER EXTRUSION                 | EPDM          | DUROMETER 60±5 SHORE A |
| М5     | ES-P251-G04A    | AS REQD. | CHAMBER DIVIDER MOLDED CORNER             | EPDM          | DUROMETER 60±5 SHORE A |
| М9     |                 | AS REQD. | SINGLE FACE TAPE (1/8" X 1/4")            | POLYURETHANE  | _                      |
| M13    | NF-315-B02      | 2/LITE   | SETTING BLOCK, AT 1/4 POINTS              | EPDM          | DUROMETER 80±5 SHORE A |
| M15    | #12 X 1-3/4" PH |          | FRAME ASSEMBLY FASTENERS                  | ST/ST         | _                      |
| M18    | ES-45T-C01      | AS REQD. | CORNER JOINT                              | CAST ALUMINUM | MASTER #0333           |
| M20    | MHSS-1500       | _        | LOCKING HANDLE, AT 35-1/2" FROM BOTTOM    | CAST ALUMINUM | INTERLOCK              |
| M21    | 895955          |          | HANDLE FORK                               | CAST ALUMINUM | INTERLOCK              |
| M22    | 899915          |          | HANDLE PIN                                | ST. STEEL     | INTERLOCK              |
| M25    | A105            | _        | BUTT HINGE, AT 6-11/16" FROM TOP & BOTTOM | ALUMINUM      | DR. HAHN               |
| M26    | 1673            |          | INSULBAR 20MM OFFSET                      | POLYAMIDE     | ENSINGER               |
| M27    | 964200          | -        | INSULBAR 20MM OFFSET WITH FIN             | POLYAMIDE     | ENSINGER               |
| M28    | WA2L            | _        | WEEP HOLE COVER                           | RIGID PVC     | PREFERRED              |

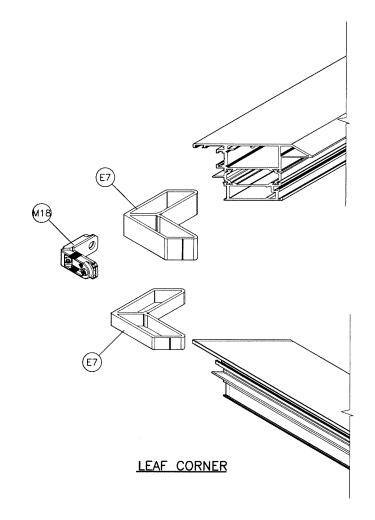


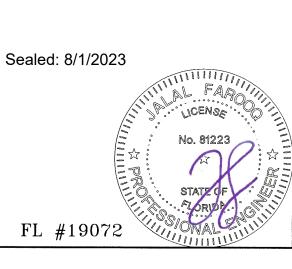
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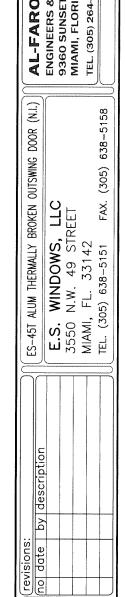
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no.