

THESE DOORS ARE NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

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

**SERIES-2001 (N.I.)**  
**ALUMINUM OUTSWING ENTRANCE DOOR**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES.

SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.

DOORS WITH STD. THRESHOLD (#1202003) APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

DOORS WITH ADA THRESHOLD (#1202004) NOT APPROVED FOR WATER INFILTRATION RESISTANCE.

SEE SHEETS 2 & 3 FOR LIMITATIONS AND SHEET 6 FOR DETAILS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

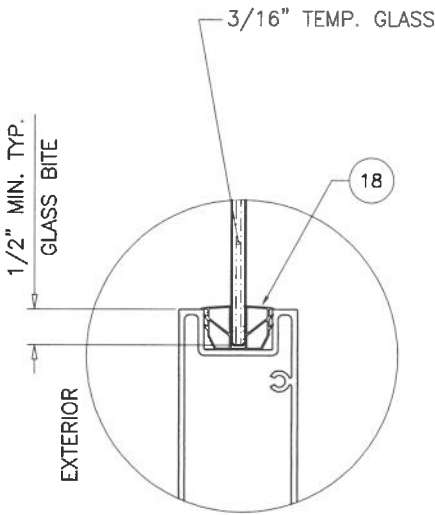
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

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

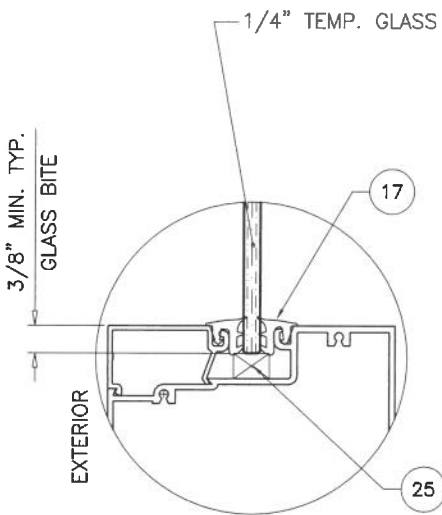
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

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.



**GLAZING DETAIL**  
**DOOR PANEL**  
**FIXED PANEL**



**GLAZING DETAIL**  
**SIDELITE**

**INSTRUCTIONS:**

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** FOR SINGLE (X) AND DOUBLE (XX) DOOR CAPACITIES SEE SHEET 2.
- STEP 3** FOR SIDELITE PANEL (O) CAPACITY SEE SHEET 3.
- STEP 4** FOR SIDELITE COMBINATION WITH DOOR SEE MULLION CAPACITY CHART ON SHEET 5.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

Sealed: 7/17/2026

FL #32381

- 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.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- 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.



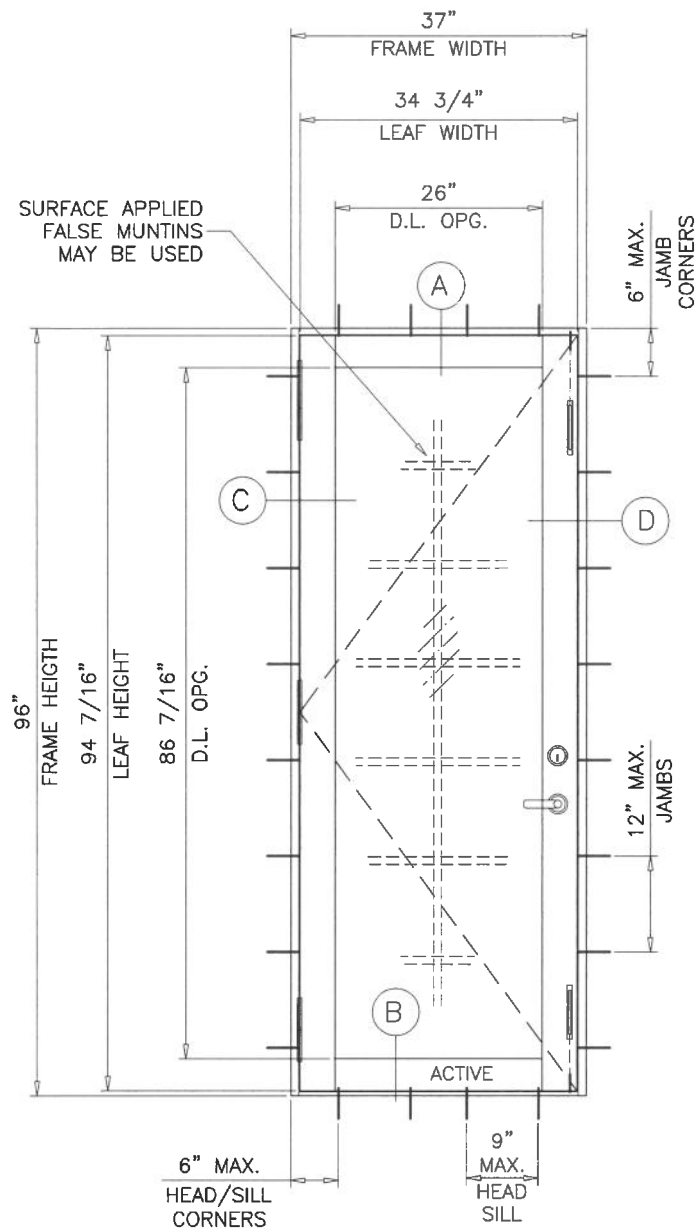
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**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL\20-42F - SWM

SERIES-2001 ALUMINUM OUTSWING DOOR (N.I.)  
**Sunshine Windows Manufacturing, Inc.**  
1785 West 33rd Place  
Hialeah, FL. 33012  
Tel. (305) 364-9952 Fax. (305) 828-5118

| revisions: | no | date     | by | description         |
|------------|----|----------|----|---------------------|
|            | A  | 08.28.20 |    | UPDATED TO 2020 FBC |
|            | B  | 07.24.23 |    | UPDATED TO 2023 FBC |
|            | C  | 07.15.26 |    | UPDATED TO 2026 FBC |

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| chk. by: |          |

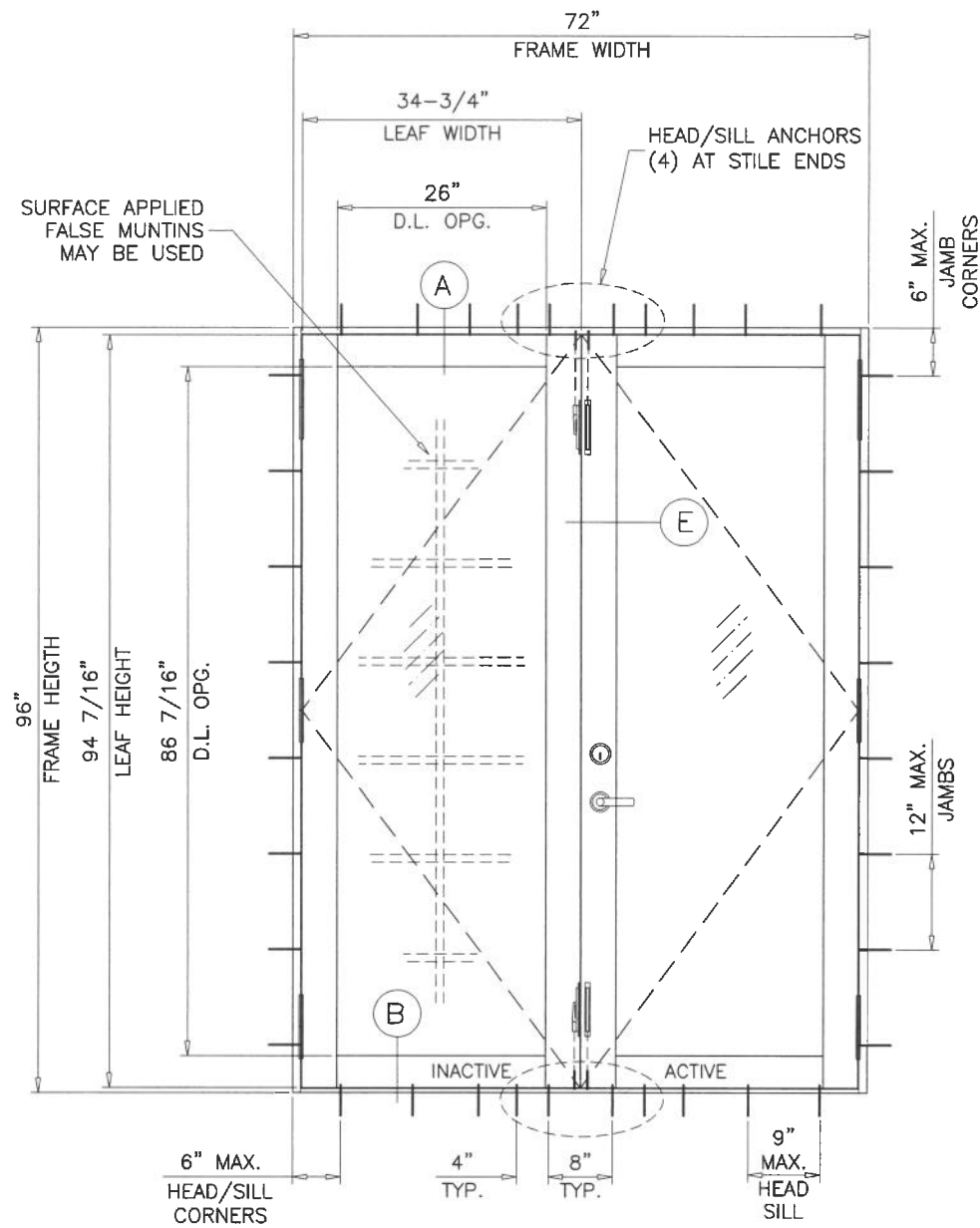
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| drawing no. | 20-42F  |
| sheet       | 1 of 14 |



**TYPICAL ELEVATION**  
( X )

| SINGLE DOORS LOAD CAPACITY - PSF<br>3/16" TEMP. GLASS |        |         |          |         |         |
|-------------------------------------------------------|--------|---------|----------|---------|---------|
| FRAME                                                 |        | LEAF    |          | EXT.(+) | INT.(-) |
| WIDTH                                                 | HEIGHT | WIDTH   | HEIGHT   |         |         |
| 37"                                                   | 84"    | 34-3/4" | 82-7/16" | 80.0    | 102.8   |
|                                                       | 96"    |         | 94-7/16" | 80.0    | 90.0    |

NOTE:  
GLASS CAPACITIES ARE BASED ON  
ASTM E1300-16 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



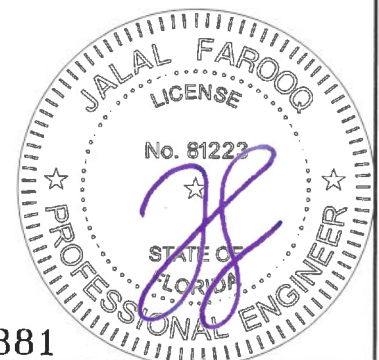
**TYPICAL ELEVATION**  
( XX )

| DOUBLE DOORS LOAD CAPACITY - PSF<br>3/16" TEMP. GLASS |        |         |          |         |         |
|-------------------------------------------------------|--------|---------|----------|---------|---------|
| FRAME                                                 |        | LEAF    |          | EXT.(+) | INT.(-) |
| WIDTH                                                 | HEIGHT | WIDTH   | HEIGHT   |         |         |
| 72"                                                   | 84"    | 34-3/4" | 82-7/16" | 80.0    | 102.8   |
|                                                       | 96"    |         | 94-7/16" | 80.0    | 90.0    |

EXTERIOR(+) LOADS SHOWN IN CHARTS ABOVE ARE FOR INSTALLATIONS  
WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED.  
FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED  
LIMIT MAX. EXTERIOR LOADS TO +75 PSF (WITH STD. THRESHOLD).  
ADA THRESHOLD NOT APPROVED FOR WATER INFILTRATION RESISTANCE.

GLASS D.L.O. FORMULAE:  
D.L.O. WIDTH = FRAME WIDTH - 11.0" (X DOORS)  
= (FRAME WIDTH - 20.0")/2 (XX DOORS)  
D.L.O. HEIGHT = FRAME HEIGHT - 9.5625"

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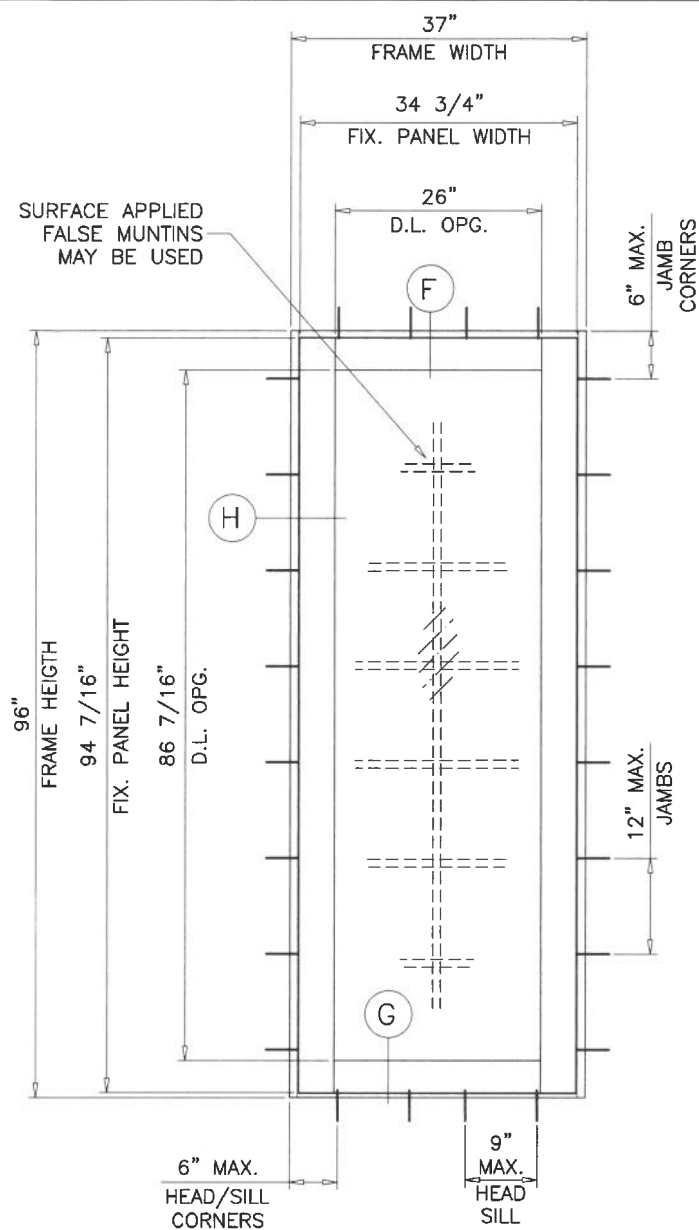
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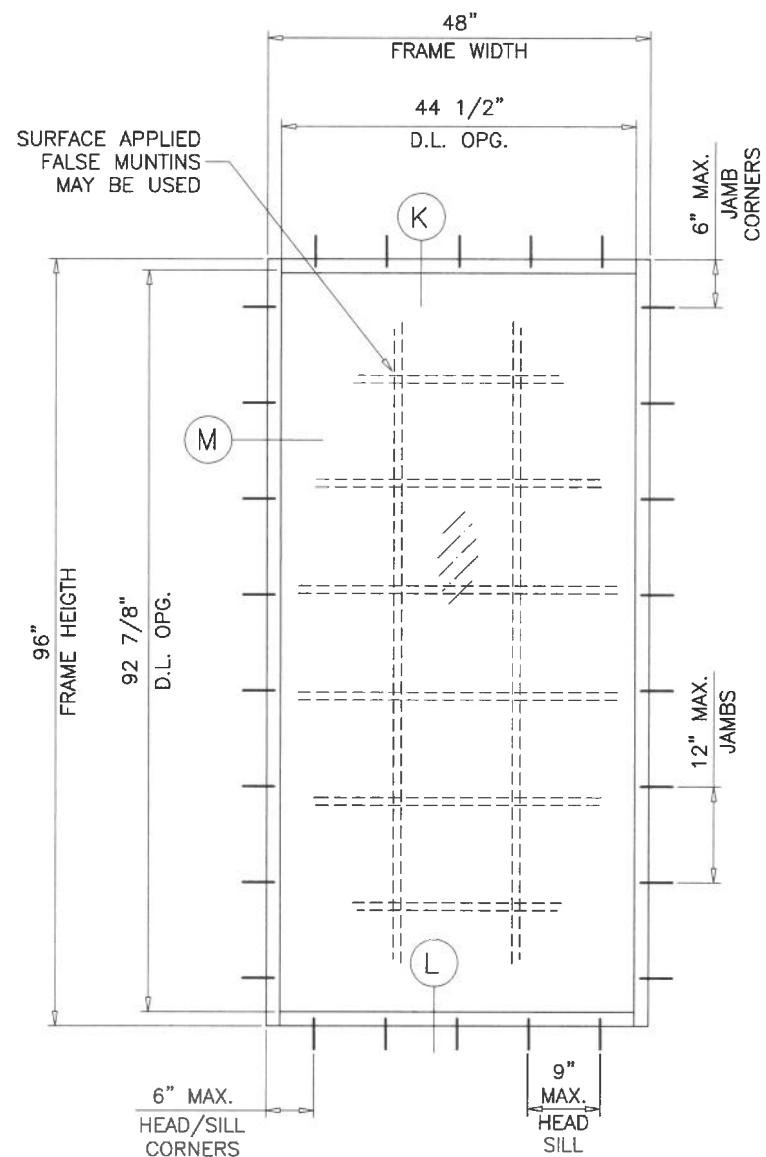
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COMP-ANL\20-42F-SWM



**TYPICAL ELEVATION**  
( O )

| SIDELITE LOAD CAPACITY - PSF<br>OR STAND ALONE STATIONARY PANEL (O)<br>3/16" TEMP. GLASS |        |         |          |         |         |
|------------------------------------------------------------------------------------------|--------|---------|----------|---------|---------|
| FRAME                                                                                    |        | PANEL   |          | EXT.(+) | INT.(-) |
| WIDTH                                                                                    | HEIGHT | WIDTH   | HEIGHT   |         |         |
| 24"                                                                                      | 84"    | 21-3/4" | 82-7/16" | 75.0    | 108.9   |
|                                                                                          | 96"    |         | 94-7/16" | 75.0    | 106.7   |
| 30"                                                                                      | 84"    | 27-3/4" | 82-7/16" | 75.0    | 90.9    |
|                                                                                          | 96"    |         | 94-7/16" | 75.0    | 88.5    |
| 36"                                                                                      | 84"    | 33-3/4" | 82-7/16" | 75.0    | 77.1    |
|                                                                                          | 96"    |         | 94-7/16" | 75.0    | 76.6    |
| 37"                                                                                      | 84"    | 34-3/4" | 82-7/16" | 75.0    | 75.0    |
|                                                                                          | 96"    |         | 94-7/16" | 75.0    | 75.0    |



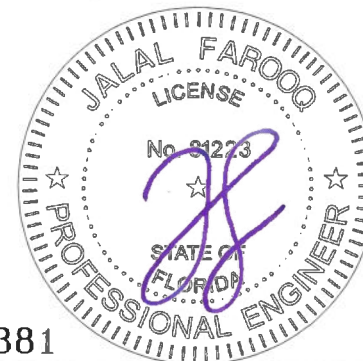
**TYPICAL ELEVATION**  
( O )

| SIDELITE LOAD CAPACITY - PSF<br>OR STAND ALONE STATIONARY PANEL (O)<br>1/4" TEMP. GLASS |        |         |         |
|-----------------------------------------------------------------------------------------|--------|---------|---------|
| FRAME                                                                                   |        | EXT.(+) | INT.(-) |
| WIDTH                                                                                   | HEIGHT |         |         |
| 24"                                                                                     | 84"    | 80.0    | 135.0   |
|                                                                                         | 96"    | 80.0    | 135.0   |
| 30"                                                                                     | 84"    | 80.0    | 131.5   |
|                                                                                         | 96"    | 80.0    | 128.0   |
| 36"                                                                                     | 84"    | 80.0    | 114.5   |
|                                                                                         | 96"    | 80.0    | 110.8   |
| 42"                                                                                     | 84"    | 80.0    | 102.9   |
|                                                                                         | 96"    | 80.0    | 98.7    |
| 48"                                                                                     | 84"    | 80.0    | 90.0    |
|                                                                                         | 96"    | 80.0    | 90.0    |

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 3.5"  
D.L.O. WIDTH (SIDE LITE) = FRAME WIDTH - 3.125"

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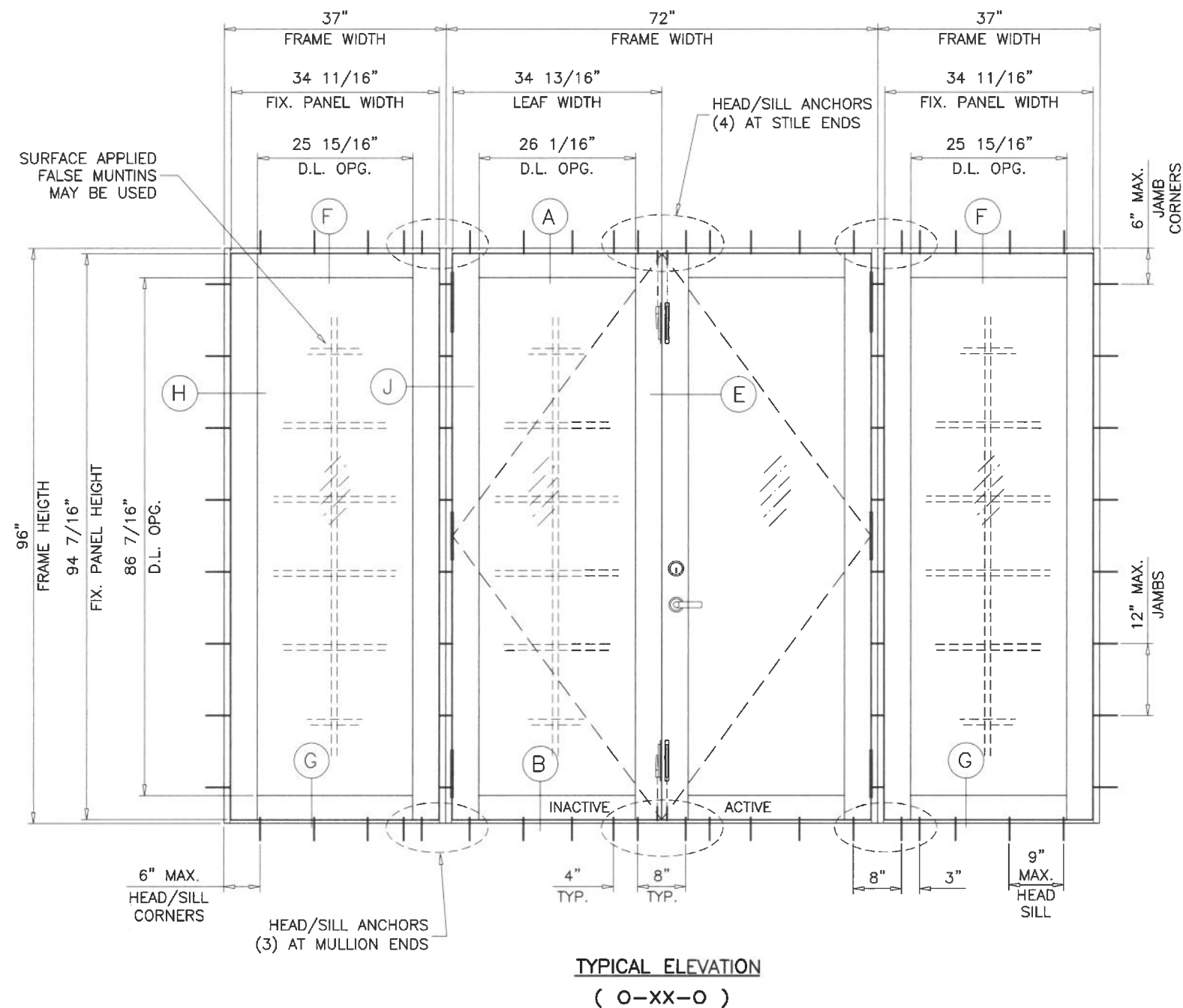


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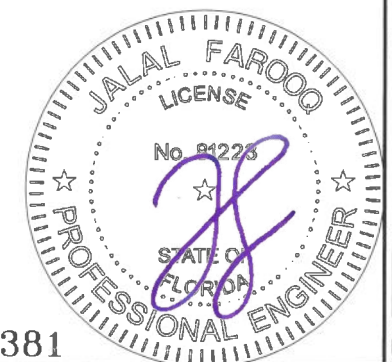


TYPICAL ELEVATION  
( O-XX-O )

DOOR WITH FIXED PANEL

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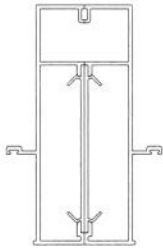
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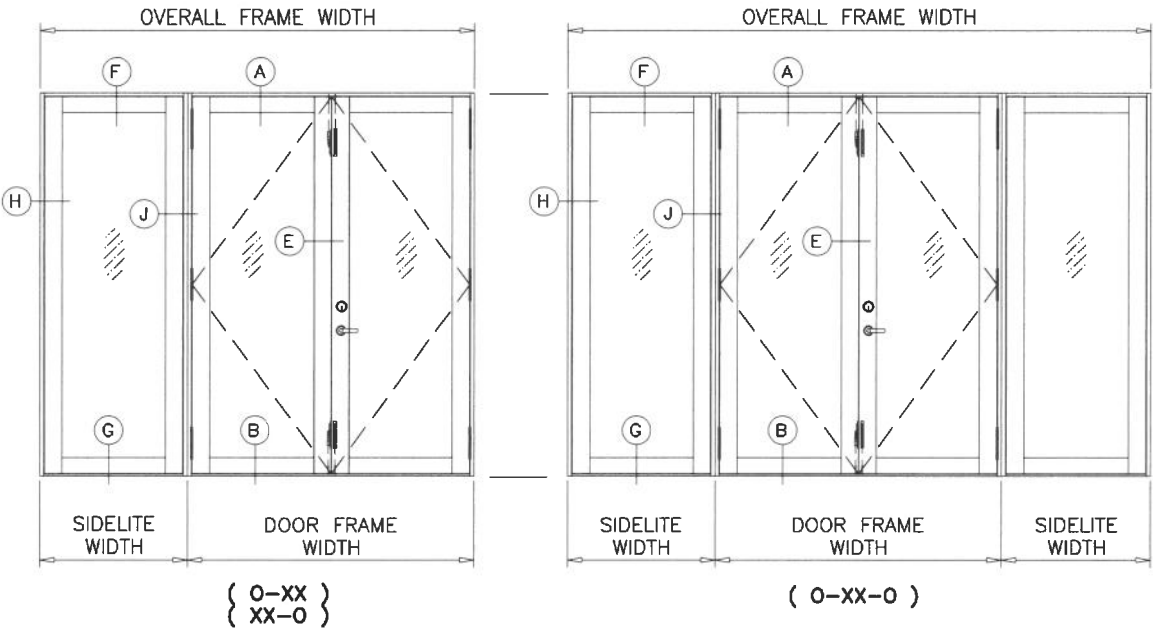
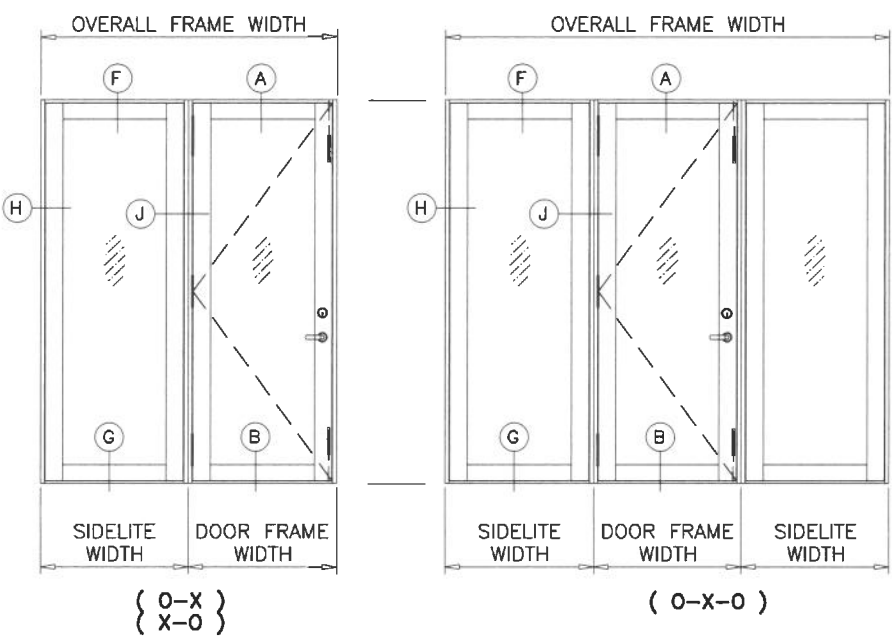
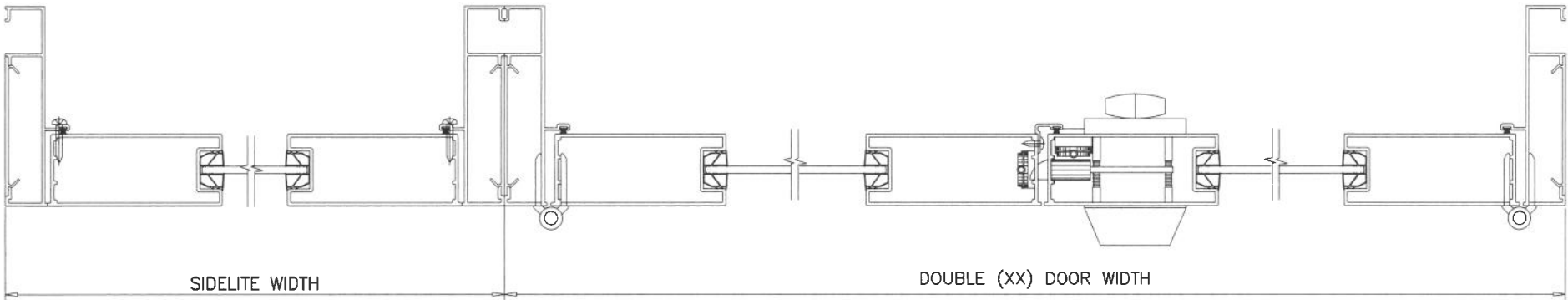
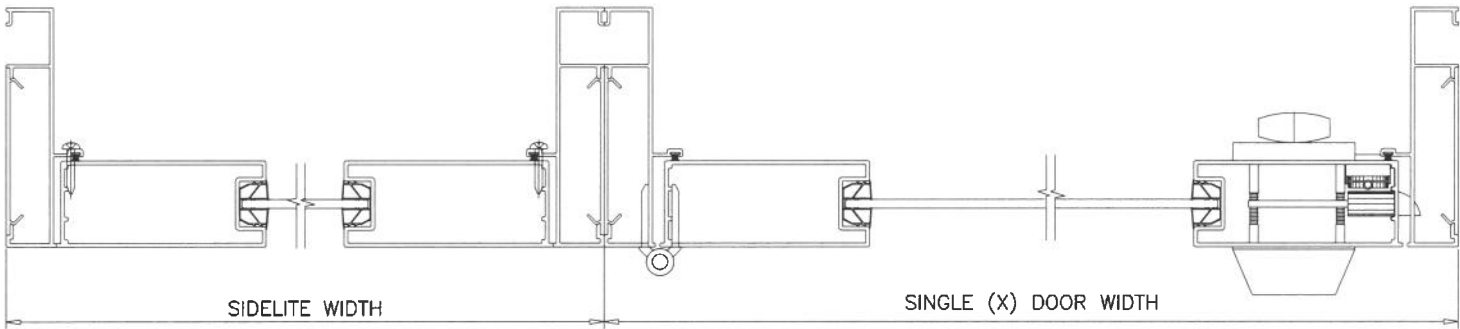
sheet 4 of 14

| DESIGN LOAD CAPACITY - PSF<br>DOOR TO FIXED PANEL MULLION |                        |                      |
|-----------------------------------------------------------|------------------------|----------------------|
| SIDELITE WIDTH<br>INCHES                                  | FRAME HEIGHT<br>INCHES | EXT. (+)<br>INT. (-) |
| 24                                                        | 84                     | 102.6                |
| 30                                                        |                        | 95.5                 |
| 36                                                        |                        | 89.6                 |
| 37                                                        |                        | 88.7                 |
| 24                                                        | 96                     | 87.3                 |
| 30                                                        |                        | 81.0                 |
| 36                                                        |                        | 75.8                 |
| 37                                                        |                        | 75.0                 |



DOOR TO FIXED PANEL MULLION

NOTE:  
FOR DOORS CAPACITY SEE SHEET 2  
FOR SIDELITE CAPACITIES SEE SHEET 3.  
FOR SIDELITE MULLION CAPACITY SEE CHART ABOVE  
LOWER VALUES FROM DOORS, SIDELITE, DOOR/SIDELITE  
OR DOOR/DOOR MULLION CHART WILL APPLY TO ENTIRE SYSTEM.



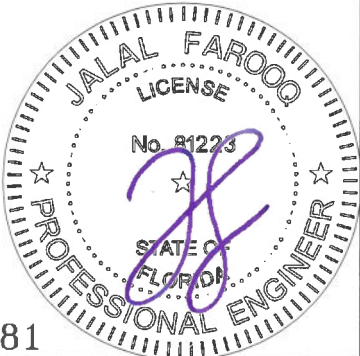
APPROVED CONFIGURATIONS

NOTE:  
THE FRAME AREA OF ALTERNATE SIZE MUST NOT EXCEED 97.3 SQ. FT.

DOOR WITH FIXED PANEL

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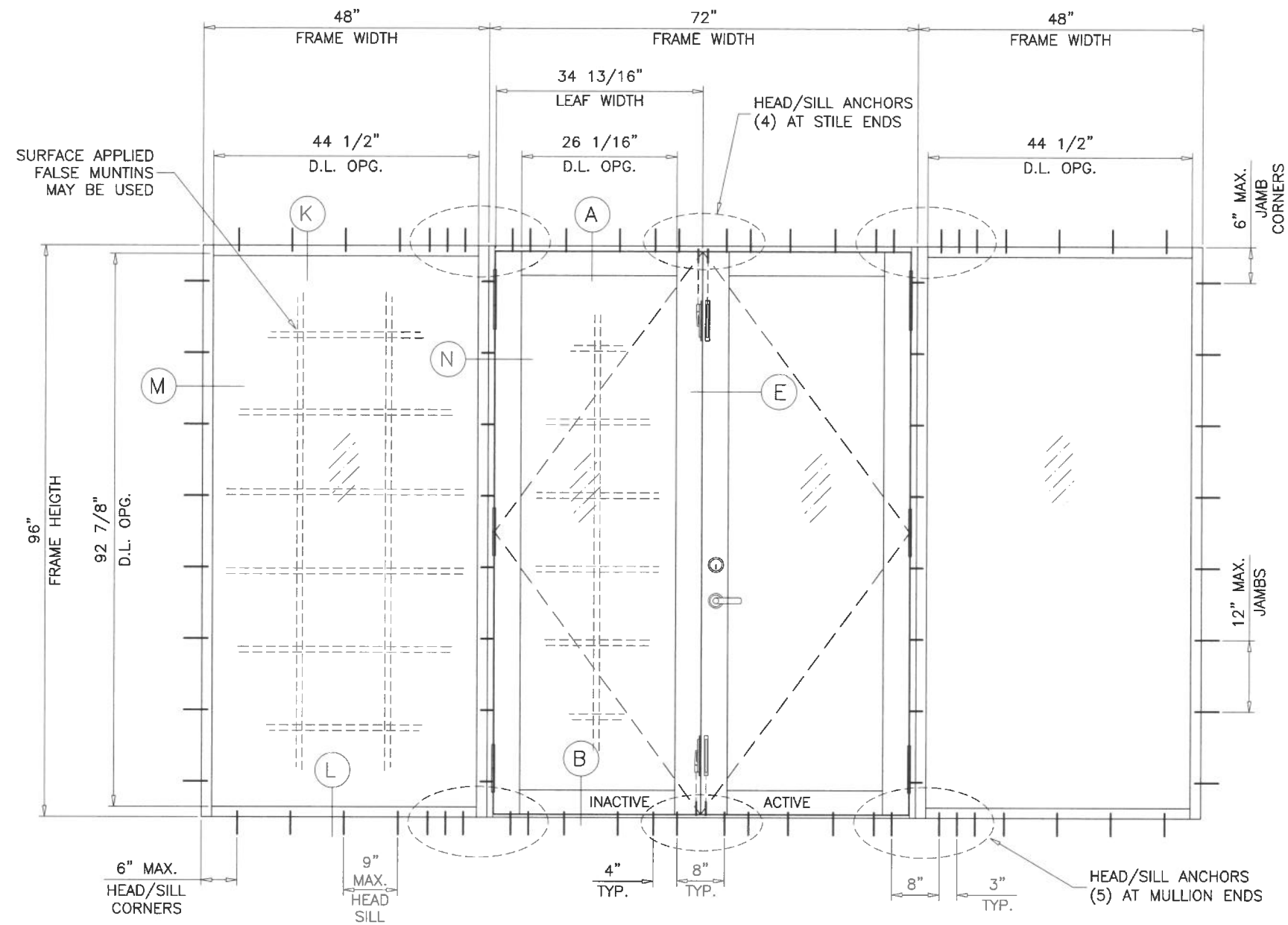
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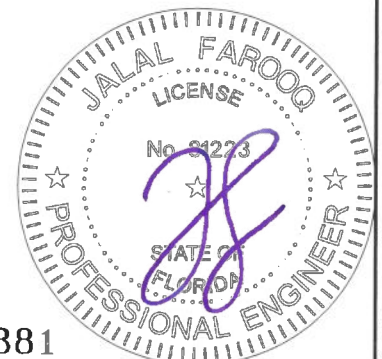
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| drawing no. | 20-42F   | sheet    | 5 of 14    |             |

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TYPICAL ELEVATION  
( O-XX-O )

DOOR WITH SIDELITE



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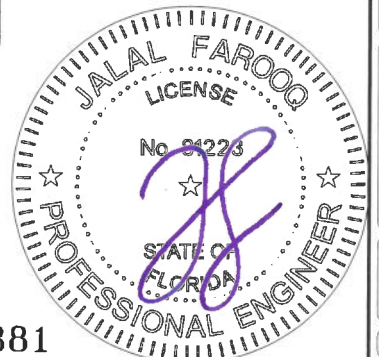
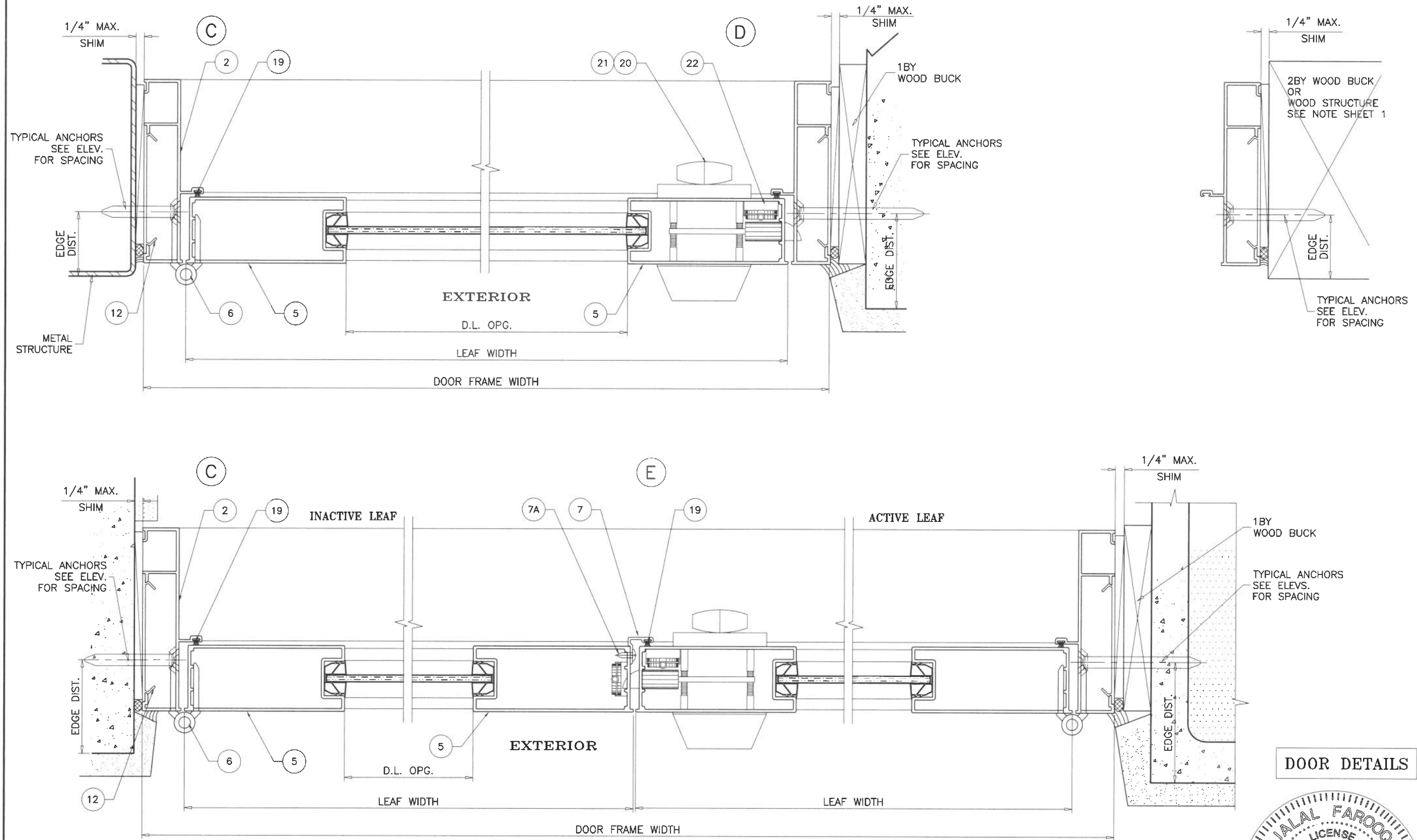
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| sheet 6 of 14  |                     |               |          |







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DOOR DETAILS

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| revisions: |             |
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date: 04-29-20

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.  
**20-42F**

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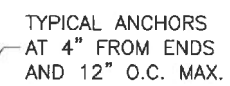
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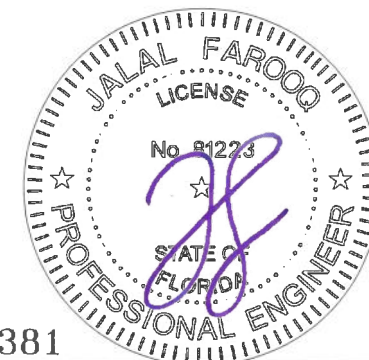
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drawing no. **20-42F**

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SIDELITE DETAILS



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|                |  |                  |  |               |  |          |  |
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| sheet 11 of 14 |  |                  |  |               |  |          |  |

| ITEM # | PART #       | REQD.    | DESCRIPTION                                                      | MATERIAL     | MANF./SUPPLIER/REMARKS |
|--------|--------------|----------|------------------------------------------------------------------|--------------|------------------------|
| 1      | GAS-46913    | 1        | DOOR FRAME HEAD                                                  | 6063-T6      | -                      |
| 2      | GAS-46912    | 2        | DOOR FRAME JAMB                                                  | 6063-T6      | -                      |
| 3      | GAS-46915    | 1        | DOOR FRAME SILL                                                  | 6063-T6      | -                      |
| 4      | GAH-46914    | AS REQD. | DOOR PANEL TOP & BOTTOM RAIL                                     | 6063-T5      | -                      |
| 5      | GAH-46910    | AS REQD. | DOOR PANEL STILE                                                 | 6063-T6      | -                      |
| 6      | GAH-46917    | 3/ LEAF  | DOOR HINGE                                                       | 6063-T5      | -                      |
| 7      | GAS-46916    | AS REQD. | ASTRAGAL ADAPTER                                                 | 6063-T5      | -                      |
| 7A     | #8 X 5/8"    | AS REQD. | ASTRAGAL FASTENERS, AT 2" FROM ENDS & 14" O.C. MAX.              | STEEL        | PH SMS                 |
| 8      | GAS-30655    | AS REQD. | SIDELITE HEAD & JAMB                                             | 6063-T5      | -                      |
| 9      | GAS-30656    | AS REQD. | SIDELITE SILL                                                    | 6063-T5      | -                      |
| 10     | GAS-30657    | AS REQD. | SIDELITE SILL STOP                                               | 6063-T5      | -                      |
| 11     | GAS-43890    | AS REQD. | SIDELITE MULLION                                                 | 6063-T6      | -                      |
| 12     | GAS-40926    | AS REQD. | FLAT FILL COVER                                                  | 6063-T6      | -                      |
| 13     | #10 X 1"     | AS REQD. | DOOR FRAME ASSEMBLY FASTENERS                                    | STEEL        | PH SMS                 |
| 14     | #10 X 1-1/2" | AS REQD. | PANEL ASSEMBLY FASTENERS                                         | STEEL        | PH SMS                 |
| 15     | #8 X 1"      | AS REQD. | SIDELITE ASSEMBLY FASTENERS                                      | STEEL        | PH SMS                 |
| 17     | MPI 3046     | AS REQD. | SIDELITE GLAZING GASKET                                          | PVC          | DUROMETER 70±5 SHORE A |
| 18     | MPI 5547     | AS REQD. | PANEL GLAZING GASKET                                             | PVC          | DUROMETER 70±5 SHORE A |
| 19     | W33321NK0020 | AS REQD. | ULTRA FIN WEATHERSEAL                                            | POLYPROYLENE | ULTRAFAB               |
| 20     | 2090L3ZAB3BP | 1        | PASSAGE LEVER                                                    | ZINC         | -                      |
| 21     | 2900DZ1ABBP  | 1        | DEAD BOLT                                                        | ZINC         | -                      |
| 22     | SERIES 2508  | 2/ LEAF  | FLUSH BOLTS                                                      | ZINC         | -                      |
| 24     | X109HT100    | AS REQD. | D SECTION RUBBER SEAL                                            | EPDM         | TRIMLOCK               |
| 25     | -            | 2/ LITE  | SIDELITE SETTING BLOCKS, AT 1/4 POINTS                           | EPDM         | DUROMETER 80±5 SHORE A |
| 26     | #10 X 1"     | AS REQD. | FIX. PANEL FASTENERS, AT 1" & 4" FROM EACH END AND 12" O.C. MAX. | STEEL        | PH SMS                 |
| 27     | -            | -        | -                                                                | -            | -                      |

LOCK OPTIONS:

ACTIVE LEAF:

SURFACE MOUNT DEAD BOLT LOCK BY 'REGENT' AT 42-1/2" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #8-32-28 X 2-1/4" OH MS LEVER TYPE METALLIC HANDLE AT 36-1/4" FROM BOTTOM, FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #8-32 X 1" PH MS. AND (2) #8 X 5/8" FH SMS

SERIES 2508 FLUSH BOLTS BY 'REGENT' MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT 56" FROM TOP AND 12" FROM BOTTOM FASTENED TO LOCK STILE WITH #8-32 X 1/2" FH SMS (2) PER BOLT

(2) SURFACE MOUNT STRIKE PLATES FACING LOCKS AT 36-1/4" AND 42-1/4" FROM BOTTOM FASTENED TO JAMB/INACTIVE STILE WITH (2) #8 X 1/2" FH SMS

INACTIVE LEAF:

SERIES 2508 FLUSH BOLTS BY 'REGENT' MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT 56" FROM TOP AND 12" FROM BOTTOM FASTENED TO LOCK STILE WITH #8-32 X 1/2" FH SMS (2) PER BOLT

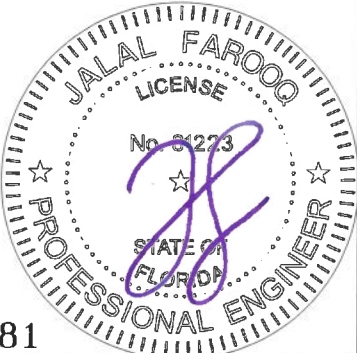
HINGES:

8" LONG SURFACE MOUNT ALUMINUM BUTT HINGES 3 PER LEAF TOP AND BOTTOM HINGES AT 10" FROM ENDS INTERMEDIATE HINGE AT MID SPAN FASTENED TO FRAME AND PANEL WITH #10 X 3/4" TRUSS HEAD SMS (3) PER HASP(LEAF)

SEALANTS:

ALL FRAME AND LEAF JOINTS AND SEAMS SEALED WITH DOWSIL 791 SILICONE.

Sealed: 7/17/2026



FL #32381

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL (305) 264-8100 FAX (305) 262-6978  
(C.A.N. 3538)

SERIES-2001 ALUMINUM OUTSWING DOOR (N.I.)

**Sunshine Windows Manufacturing, Inc.**  
1785 West 33rd Place  
Hialeah, FL. 33012  
Tel. (305) 364-9952 Fax. (305) 828-5118

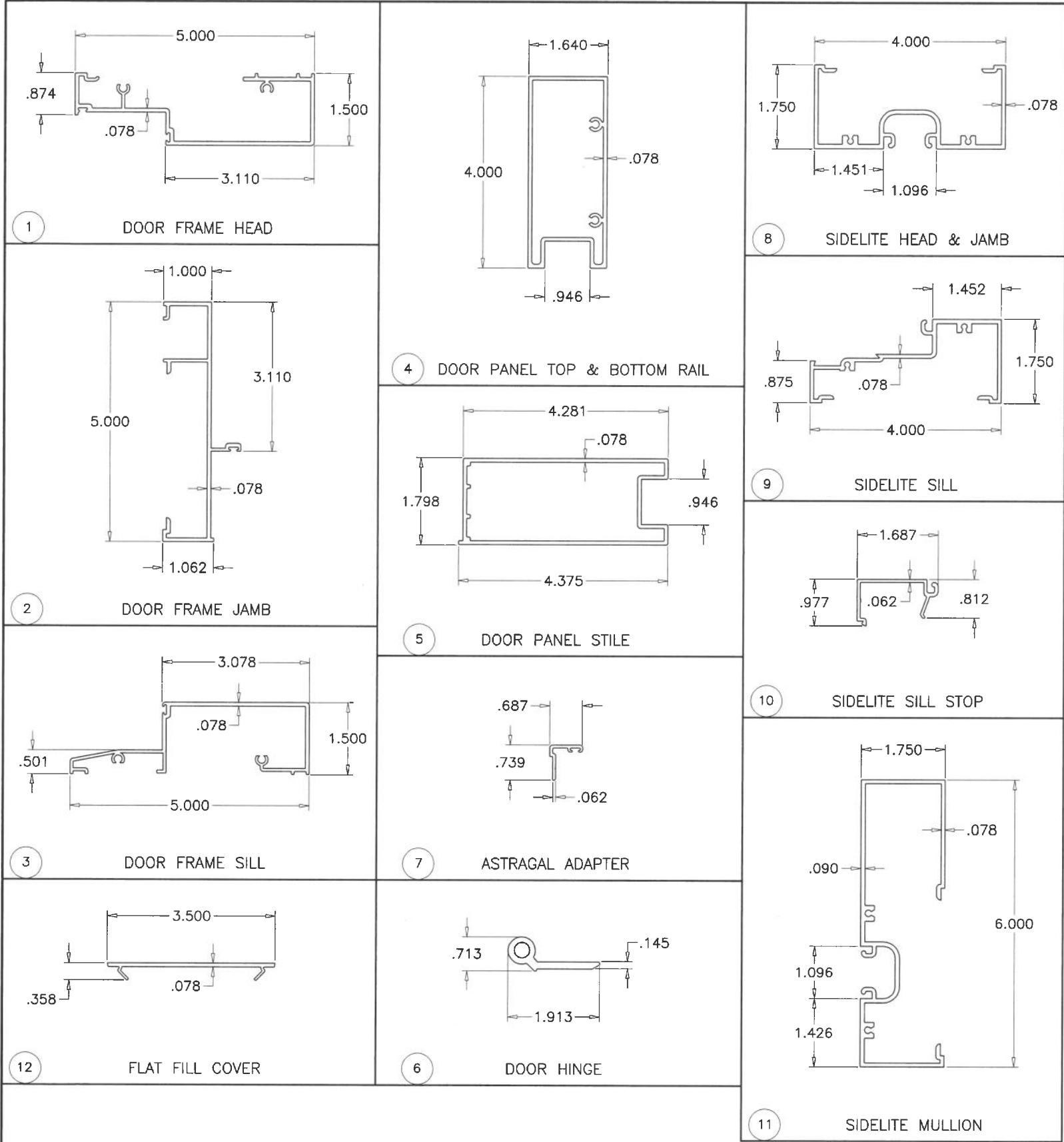
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chk. by:

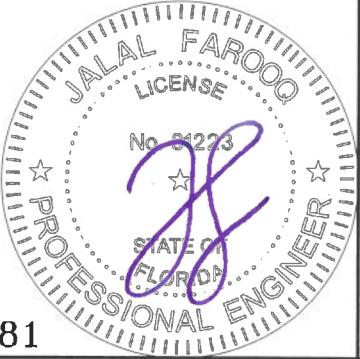
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**20-42F**

sheet 12 of 14

COMP-ANL\20-42F-SWM



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date: 04-29-20  
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dr. by: TARIQ  
chk. by:

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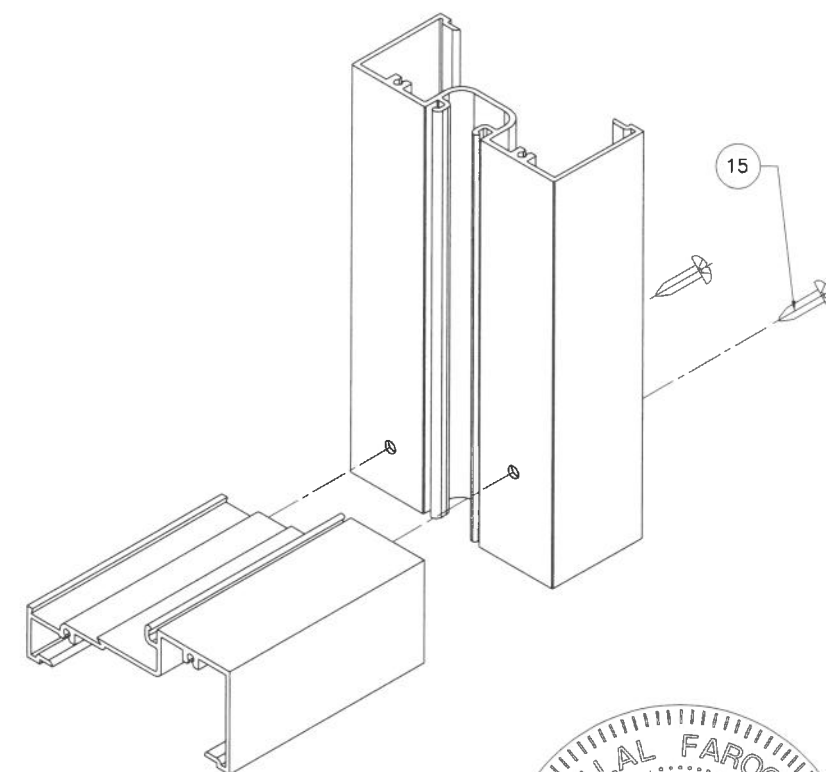
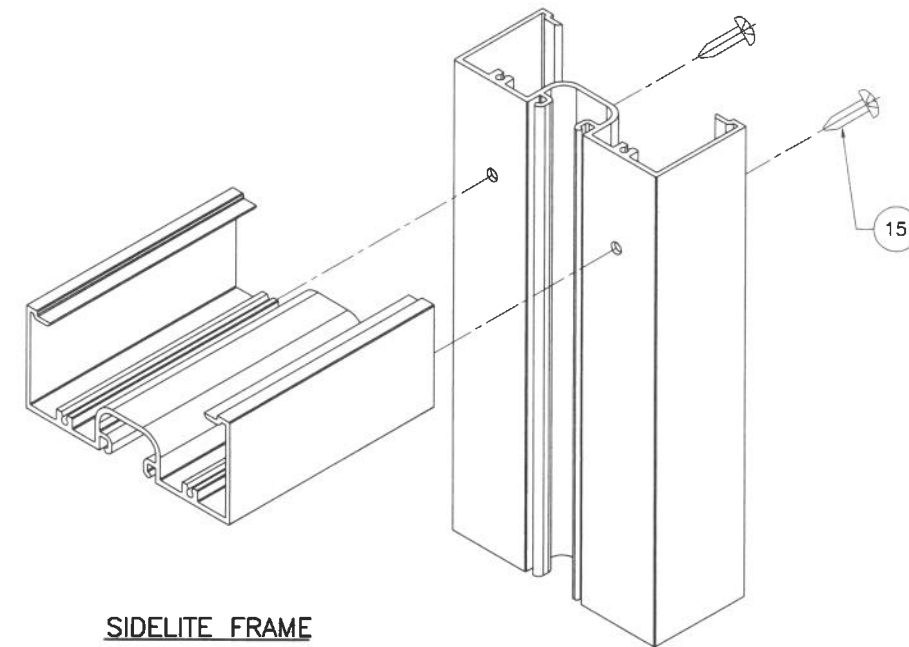
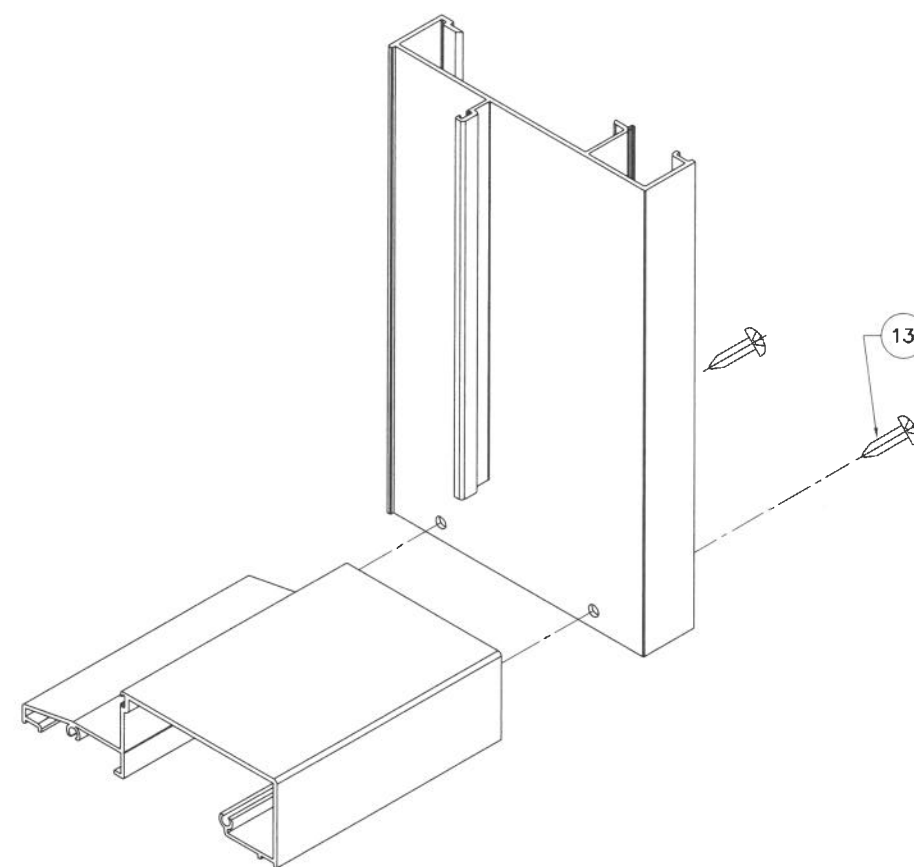
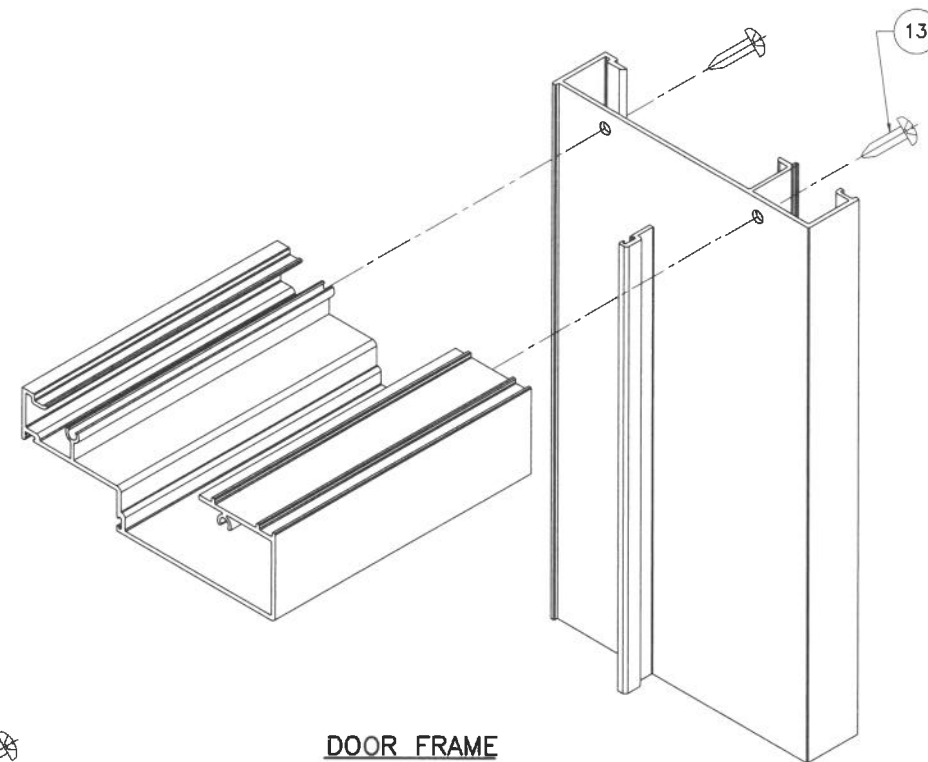
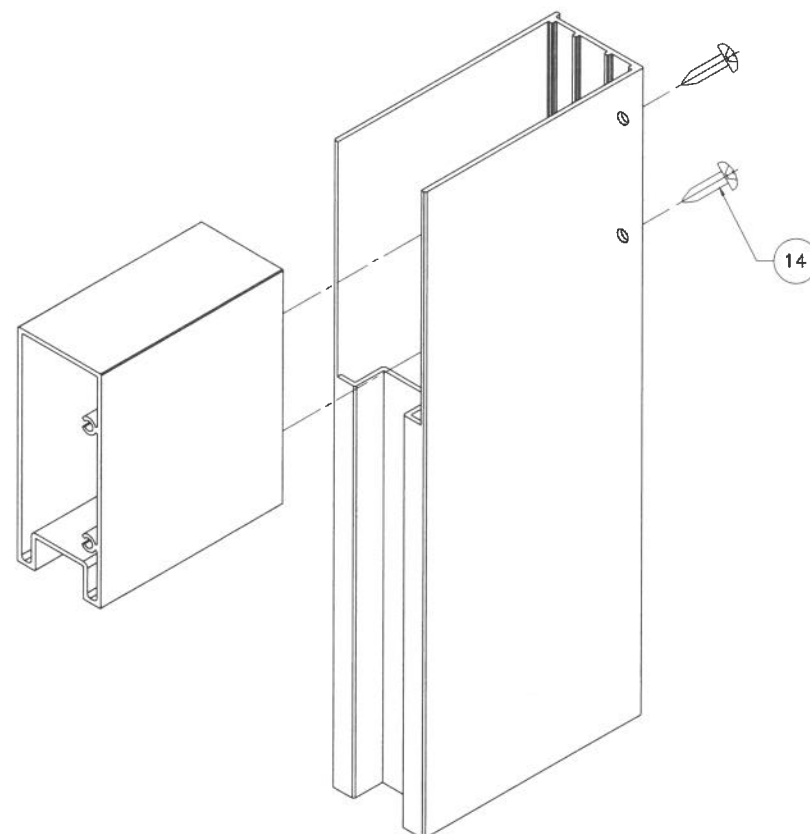
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**20-42F**

sheet 13 of 14

FL #32381



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| drawing no.      |  | revisions: |                |
| 20-42F           |  | no         | by description |
| sheet 14 of 14   |  |            |                |
| date: 04-29-20   |  |            |                |
| scale: 3/8" = 1" |  |            |                |
| dr. by: TARIQ    |  |            |                |
| chk. by:         |  |            |                |