

FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T FOR NON-HIGH VELOCITY HURRICANE ZONES

GENERAL NOTES:

TEST STANDARDS:

AIR - ASTM E283
WATER - ASTM E331
STATIC - ASTM E330, TAS 202

DESIGN PRESSURE:

+40/-40 PSF
WATER INFILTRATION 15 PSF
AIR INFILTRATION 6.27 PSF

ALL ALUMINUM EXTRUSIONS SHALL BE MADE FROM 6063-T6 ALLOY AND TEMPER.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH CURRENT FLORIDA BUILDING CODE.

THIS PRODUCT IS NOT FOR USE IN HVHZ.

MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF CURRENT FLORIDA BUILDING CODE.

MINIMUM SHIM SPACE 1/4", MAXIMUM SHIM SPACE 3/4" ALL DETAILS

ABBREVIATIONS:

DIA. = DIAMETER
D.L.O. = DAY LIGHT OPENING
D.O.H. = DOOR OPENING HEIGHT
D.O.W. = DOOR OPENING WIDTH
EXT. = EXTERIOR
ELEVS. = ELEVATIONS
INT. = INTERIOR
MAX. = MAXIMUM
MIN. = MINIMUM
O.C. = ON CENTER
OPP. = OPPOSITE
TYP. = TYPICAL

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ELIZABETH A. BROADWAY
LICENSE
No. 38558
ELIZABETH A. BROADWAY
PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 48558

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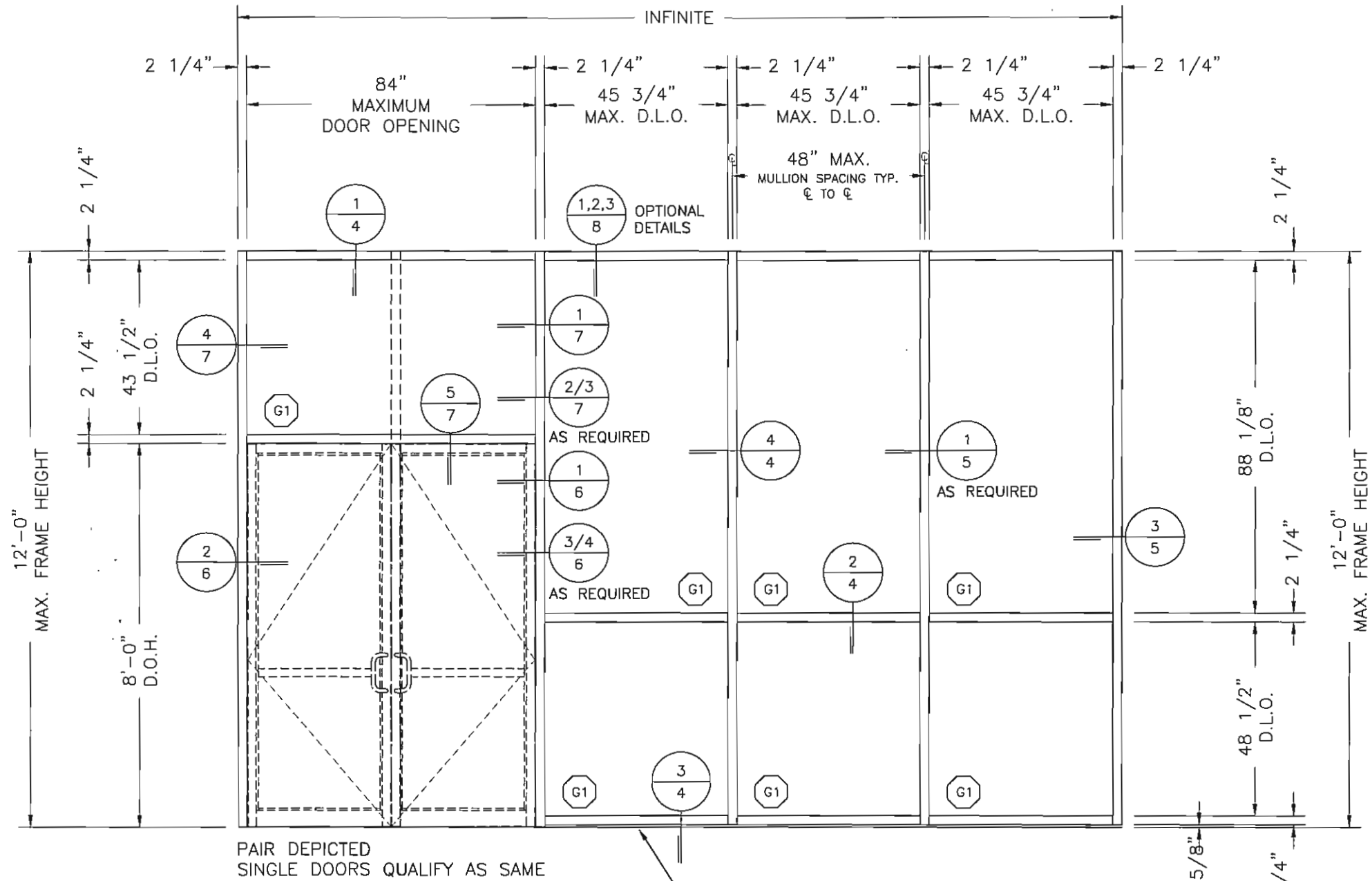
Coral

Architectural Products
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PHONE: 800-772-7737 FAX: 800-255-7370

FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T

INDEX TO DRAWINGS AND NOTES

| | |
|-------------------------|-----------------|
| PROJECT NO. FL600T | |
| DRAWN DEG | DATE 4/2/18 |
| CHECKED WS | APPROVED EAB |
| SHEET 1 OF 17 | |



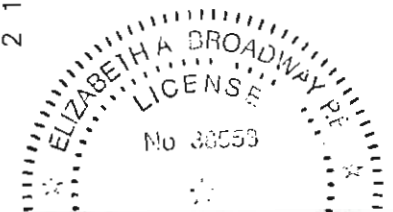
TYPICAL STANDARD MULLION

NOTES:

1. SEE SHEET 3 FOR MULLION TYPES, HEIGHTS AND WIDTHS, AND WIND PRESSURES.
2. SEE SHEETS 14, 15, 16, AND 17 FOR PERIMETER FASTENER SCHEDULE AND LOCATIONS FOR ELEVATIONS WITH DOORS.
3. D.L.O. = DAYLIGHT OPENING; D.O. = DOOR OPENING
4. DOORS ARE SHOWN ON SEPARATE SUBMITTAL: SEE NS213, MS380 & WS500 DOOR PRODUCT APPROVALS. LESSER PRESSURE OF DOOR AND STOREFRONT SYSTEM SHALL PREVAIL.
5. ELEVATION MAY CONTAIN MULTIPLE HORIZONTALS, NOT DEPICTED.

TEST PARAMETERS:

1. DESIGN PRESSURE = +/-40 PSF
2. AIR TEST AT 6.27 PSF
3. WATER TEST AT 15 PSF
4. MAXIMUM DEFLECTION = L/175 OR 0.823"



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FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T

FRAMING ELEVATION

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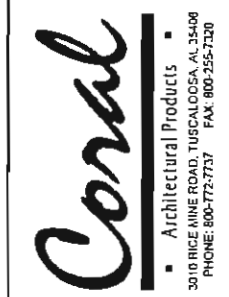
| GLASS SCHEDULE | | | | |
|----------------|--|--------------|---------------------|--------------|
| MARK | TYPE | MANUFACTURER | MAXIMUM D.L.O. SIZE | MAXIMUM AREA |
| G1 | 1/4" TEMPERED OUTER SURFACE, 1/2" AIR SPACE, 1/4" TEMPERED INNER SURFACE | VARIES | 60" X 94" | 39.2 SQ. FT. |

NOTE: ANY SINGLE LITE SHOULD NOT EXCEED MAXIMUM SQUARE FEET SHOWN ABOVE IN HORIZONTAL OR VERTICAL CONDITION

| DOOR JAMB CHART | | | | |
|-----------------|---------------|----------------|------------------|--------|
| MAXIMUM PSF | MAXIMUM WIDTH | MAXIMUM HEIGHT | PART | DETAIL |
| 0-40 | 84" | 120" | FL609T | 1/6 |
| 0-30 | 84" | 144" | FL609T AND SR102 | 3/6 |
| 30-40 | 84" | 144" | FL609T AND SR101 | 4/6 |

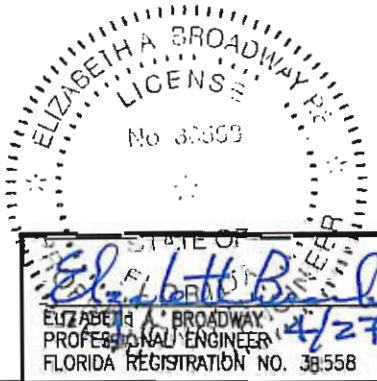
| VERTICAL MULLION AND CORNER CHART | | | | |
|-----------------------------------|---------------|----------------|---------------|--------|
| MAXIMUM PSF | MAXIMUM WIDTH | MAXIMUM HEIGHT | PART | DETAIL |
| 0-40 | 60" | 120" | FL634T/FL625T | 4/4 |
| 0-40 | 60" | 132" | FL610T/FL611T | 2/5 |
| 0-40 | 36" | 144" | FL634T/FL625T | 4/4 |
| 0-40 | 54" | 144" | FL610T/FL611T | 2/5 |
| 0-40 | 60" | 144" | FL646T/FL625T | 1/5 |

NOTE: PRESSURES (PSF), WIDTHS OR HEIGHTS BEYOND THE MAXIMUM SHOWN IN THE CHARTS ABOVE WILL REQUIRE SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA



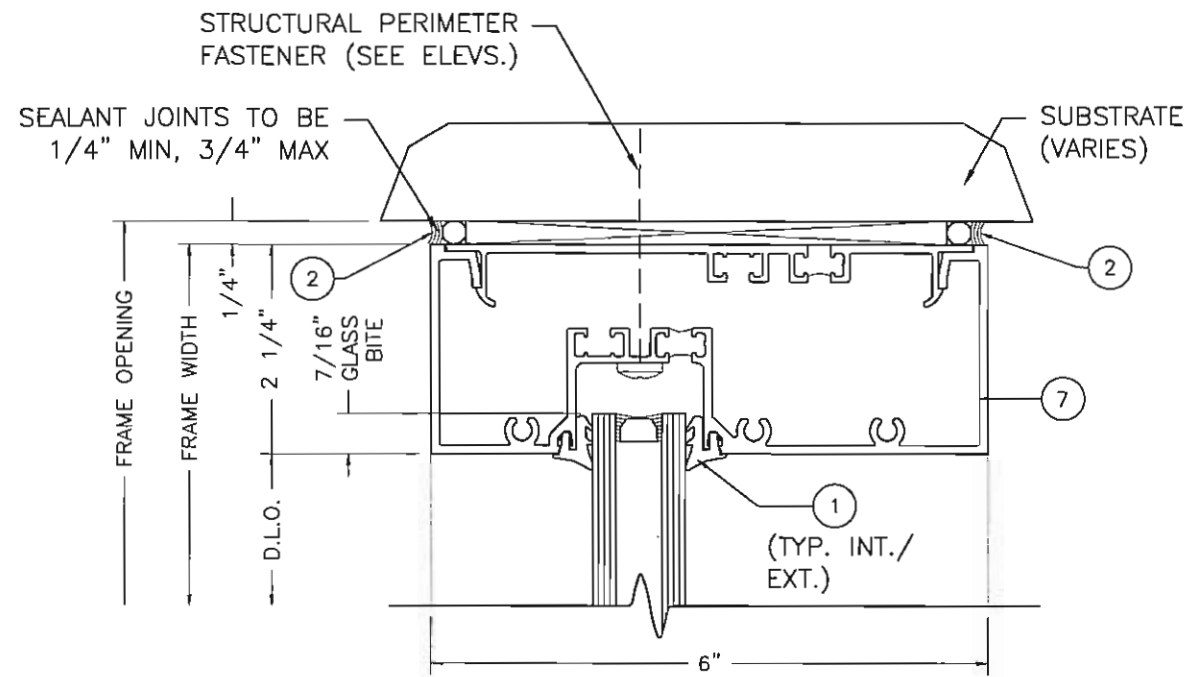
FLORIDA PRODUCT APPROVAL DRAWINGS FOR F600T
 GLASS SCHEDULE & MULLION CHARTS

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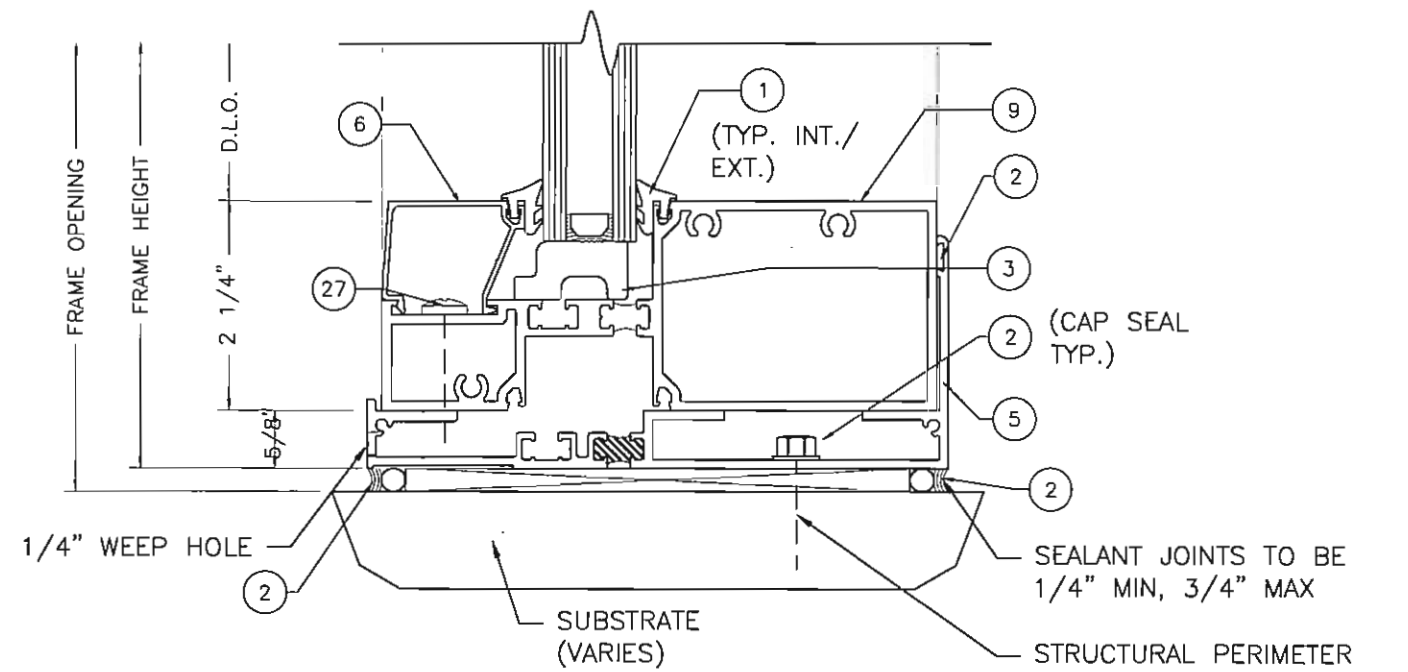


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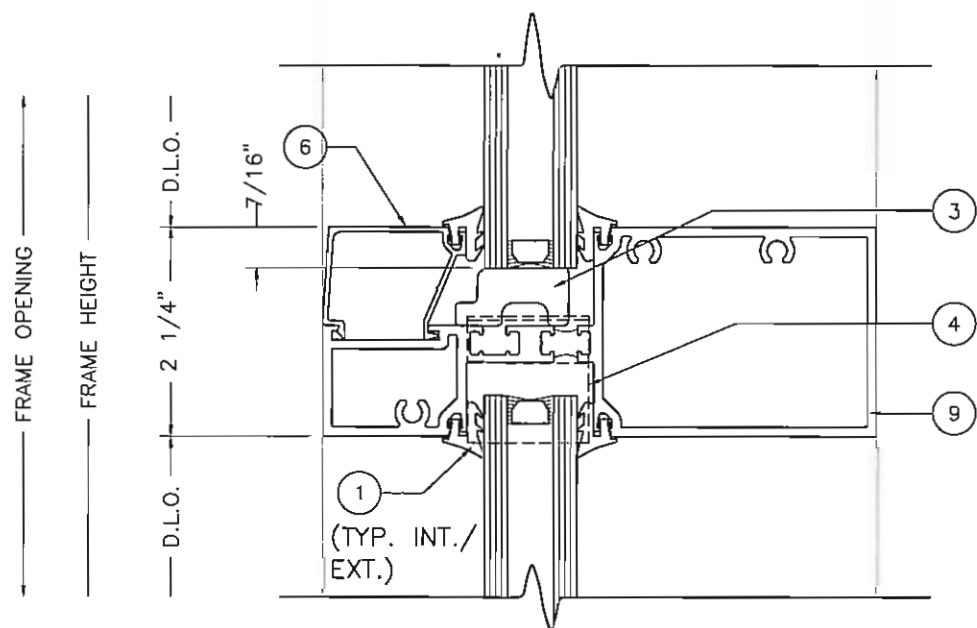
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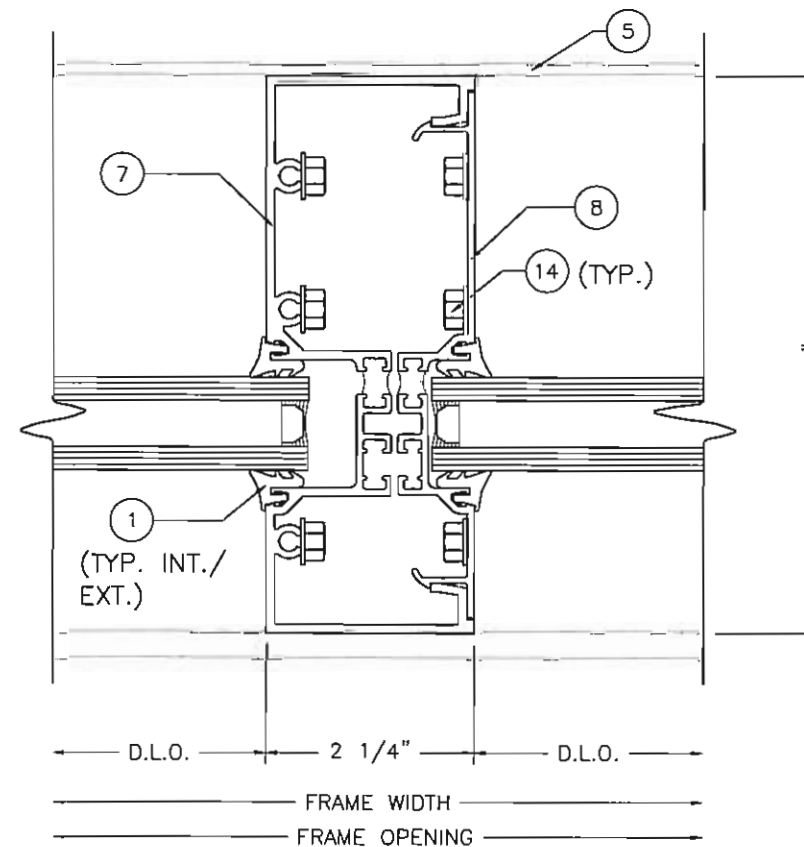
1 STANDARD HEAD
4 SCALE: 1:2



3 STANDARD SILL
4 SCALE: 1:2



2 STANDARD HORIZONTAL
4 SCALE: 1:2



4 STANDARD VERTICAL
4 SCALE: 1:2

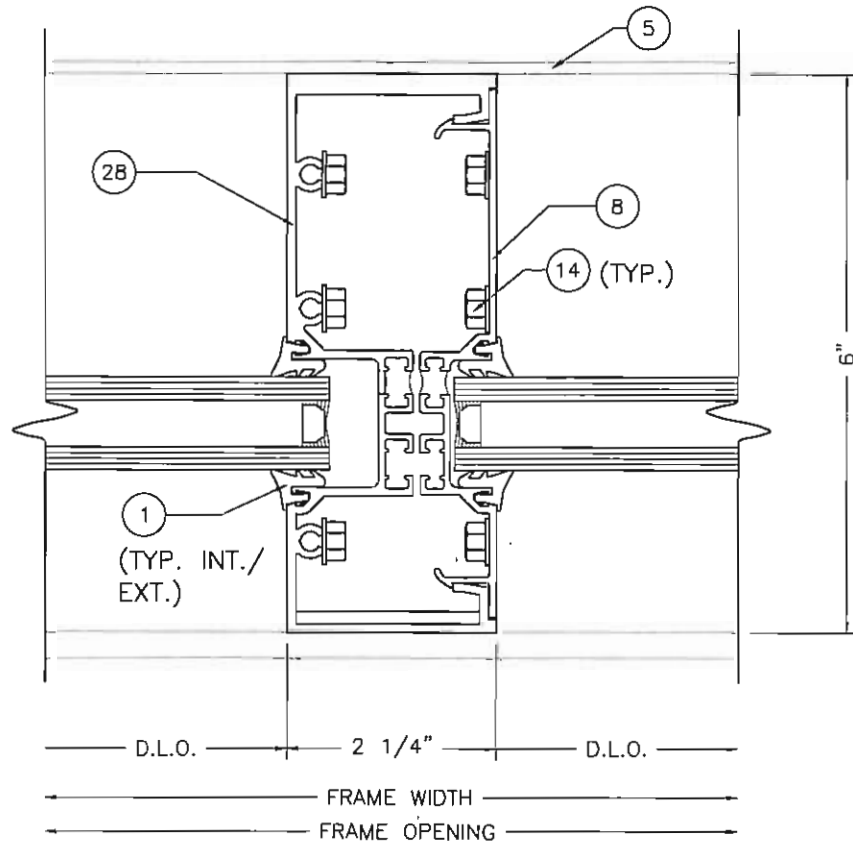
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FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T
STANDARD FRAMING DETAILS

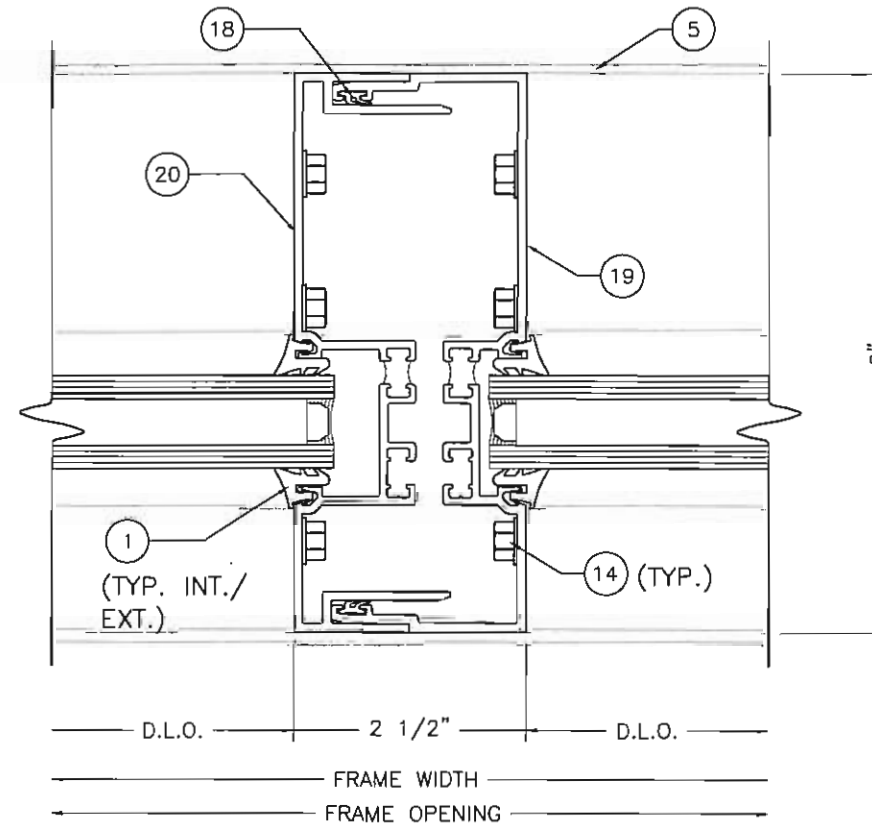
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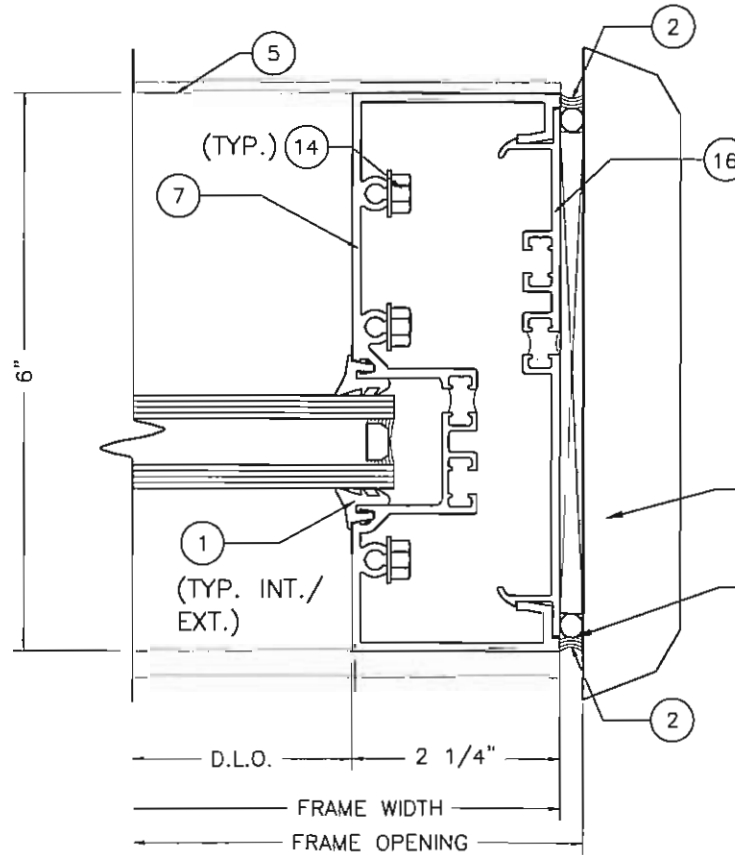
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| APPROVED EAB | SHEET 4 OF 17 |



1 HEAVY VERTICAL
 5 SCALE: 1:2



2 VERTICAL EXPANSION MULLION
 5 SCALE: 1:2



3 STANDARD JAMB
 5 SCALE: 1:2

SUBSTRATE (VARIES)
 SEALANT JOINTS TO BE 1/4" MIN, 3/4" MAX

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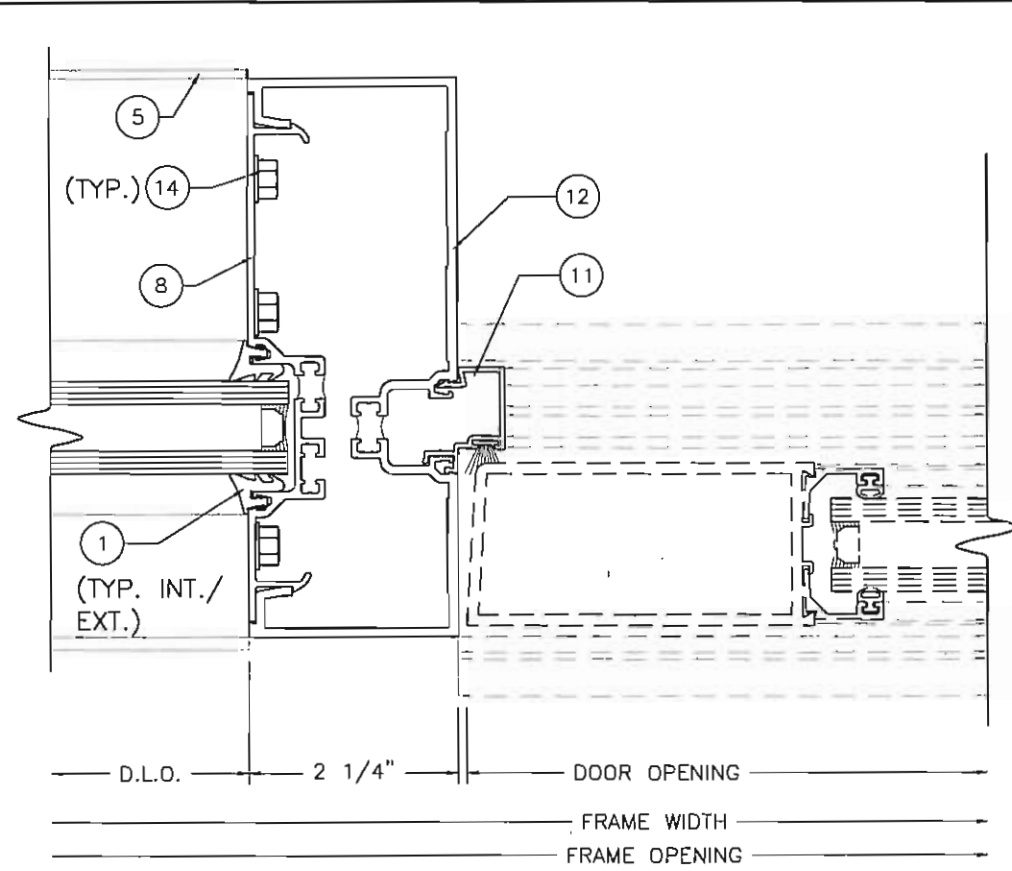
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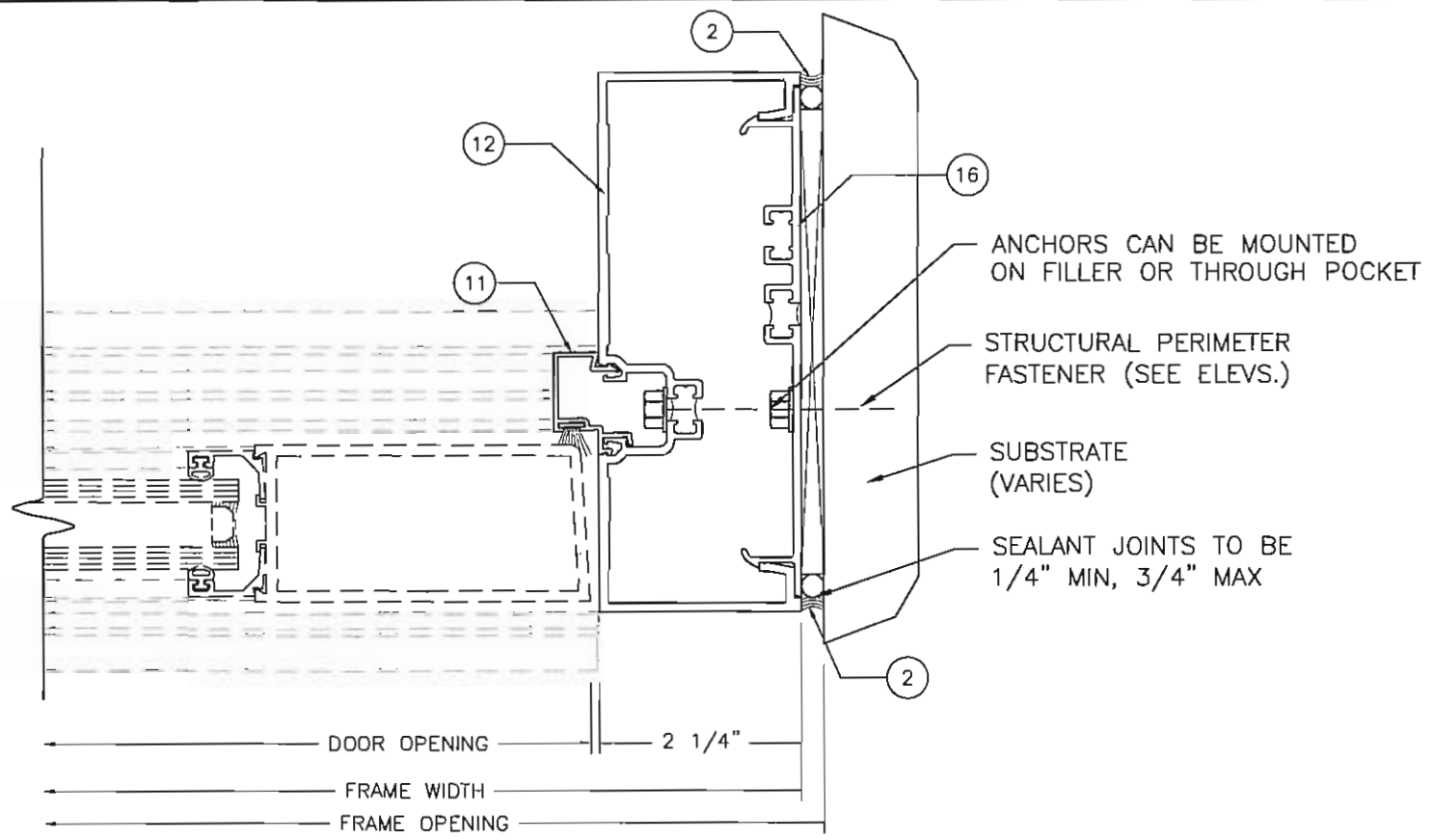
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 APPROVAL DRAWINGS FOR FL600T
 STANDARD FRAMING DETAILS

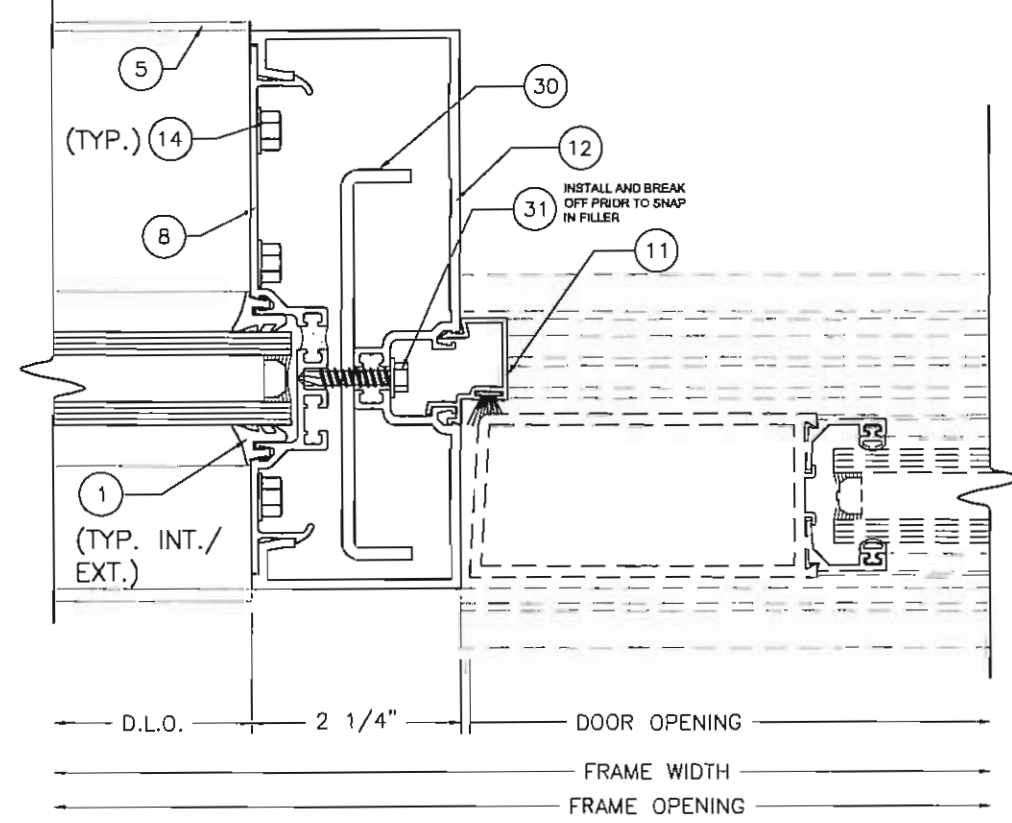
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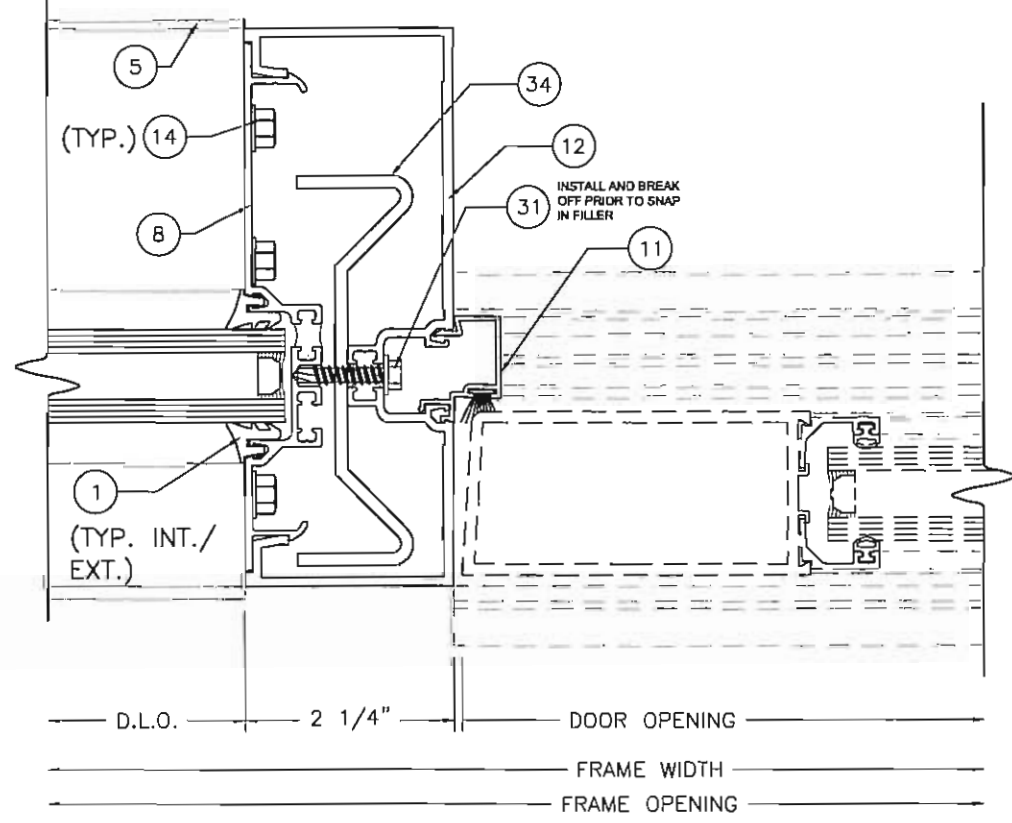
1 DOOR JAMB TO GLASS
6 SCALE: 1:2



2 DOOR JAMB
6 SCALE: 1:2



3 DOOR JAMB TO GLASS W/STEEL
6 SCALE: 1:2



4 DOOR JAMB TO GLASS W/STEEL
6 SCALE: 1:2

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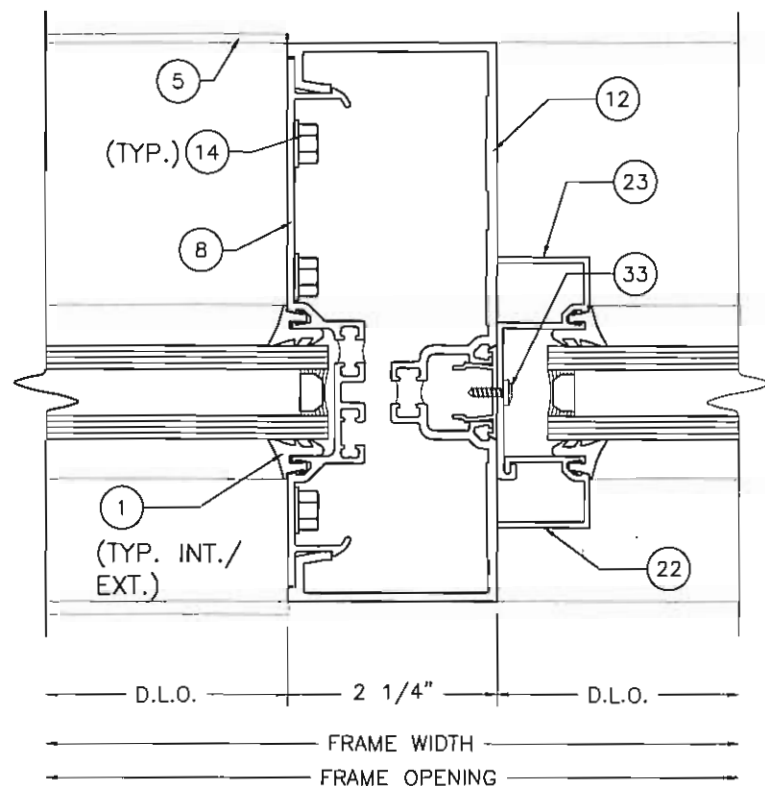
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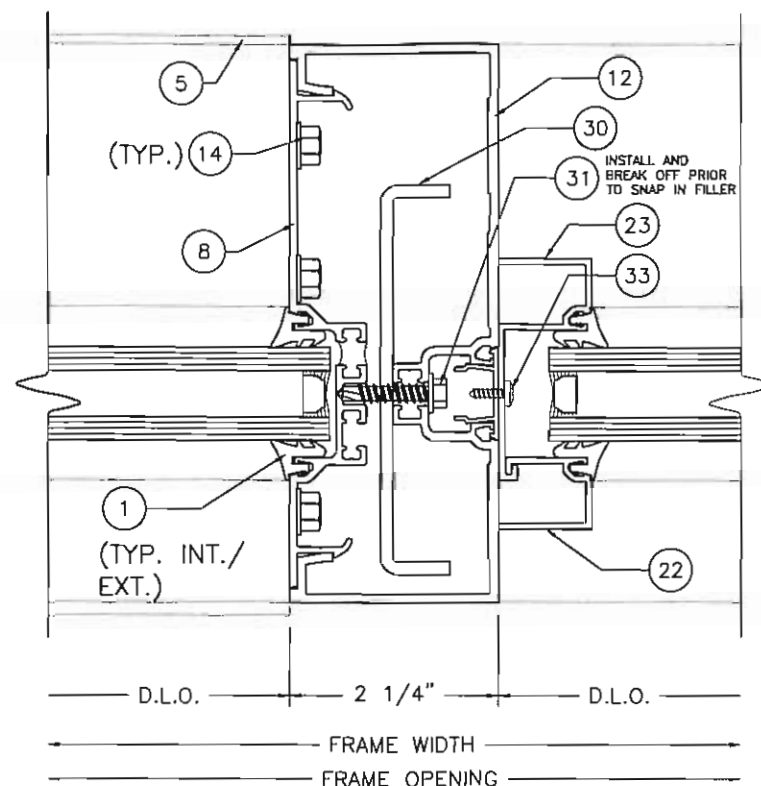
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FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T
DOOR FRAMING DETAILS

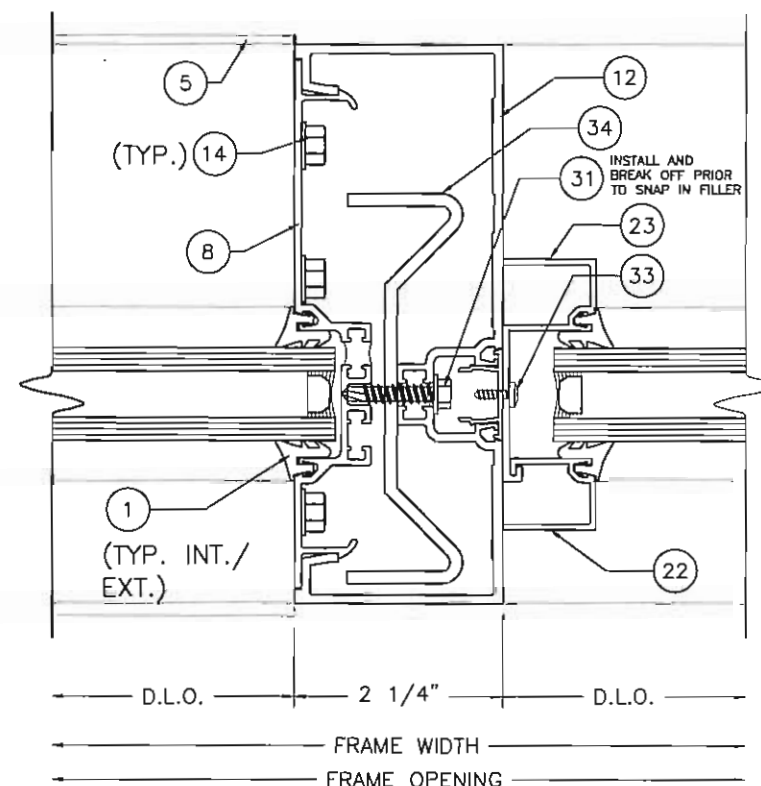
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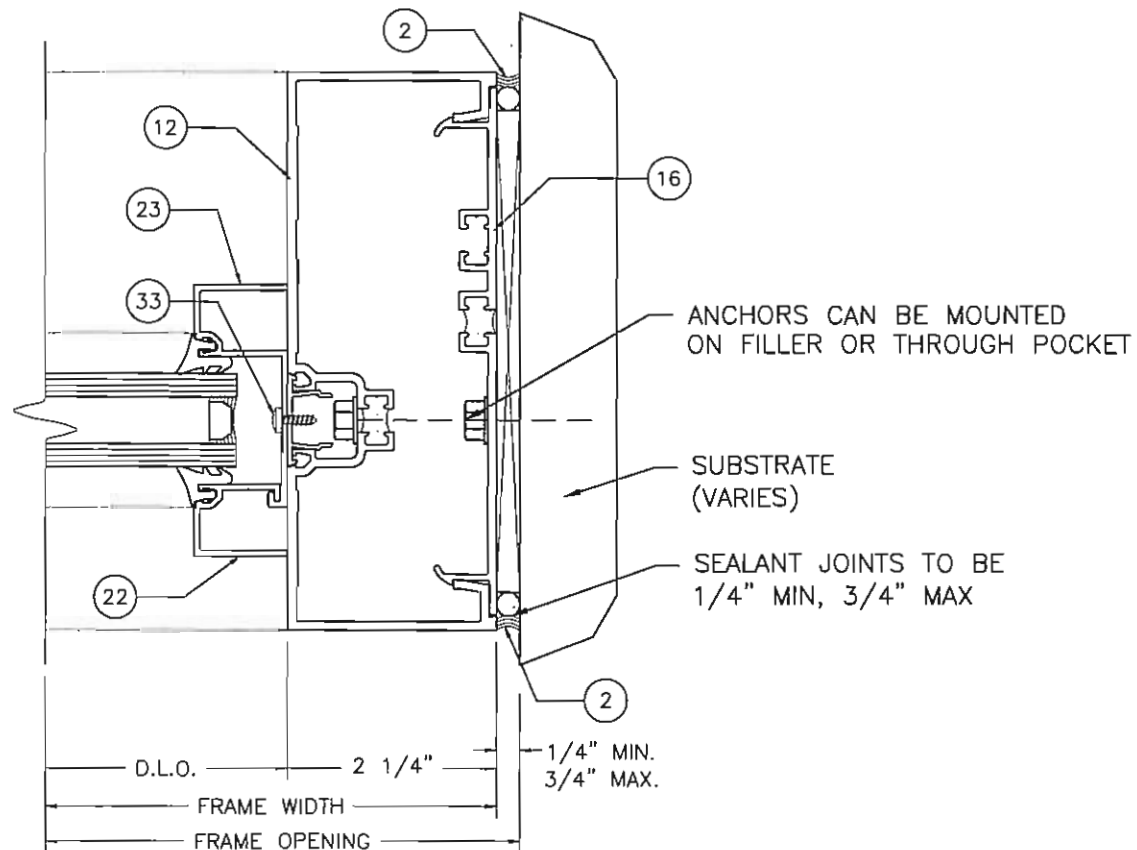
1 DOOR JAMB @ TRANSOM
7 SCALE: 1:2



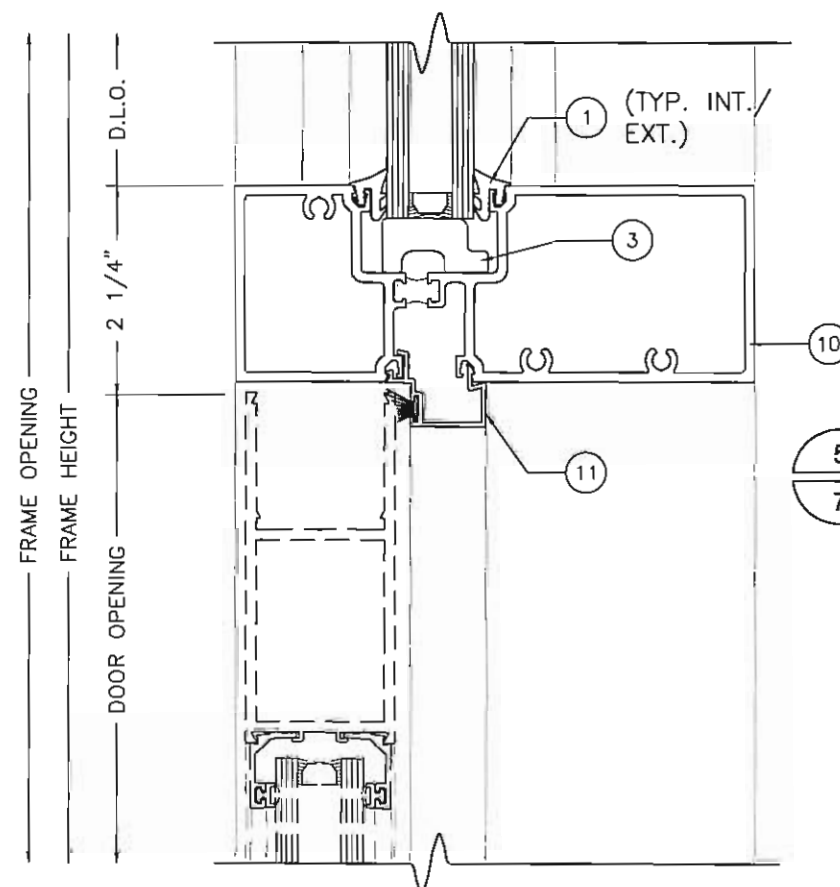
2 DOOR JAMB @ TRANSOM W/STEEL
7 SCALE: 1:2



3 DOOR JAMB @ TRANSOM W/STEEL
7 SCALE: 1:2



4 DOOR JAMB @ TRANSOM
7 SCALE: 1:2



5 TRANSOM BAR
7 SCALE: 1:2

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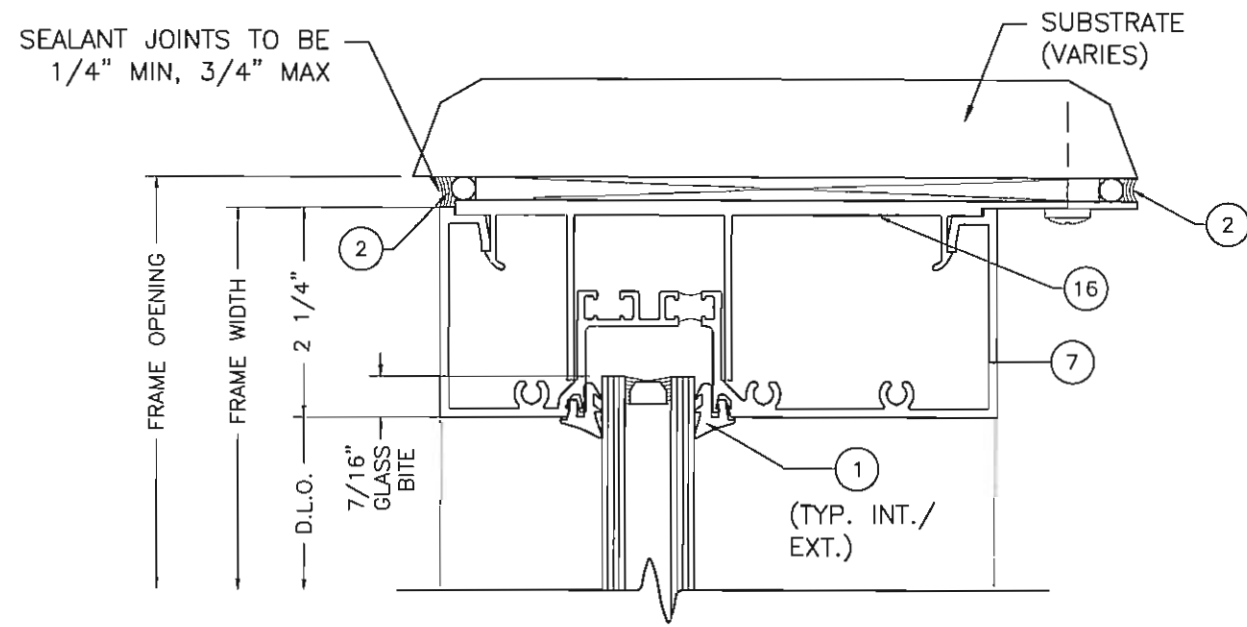
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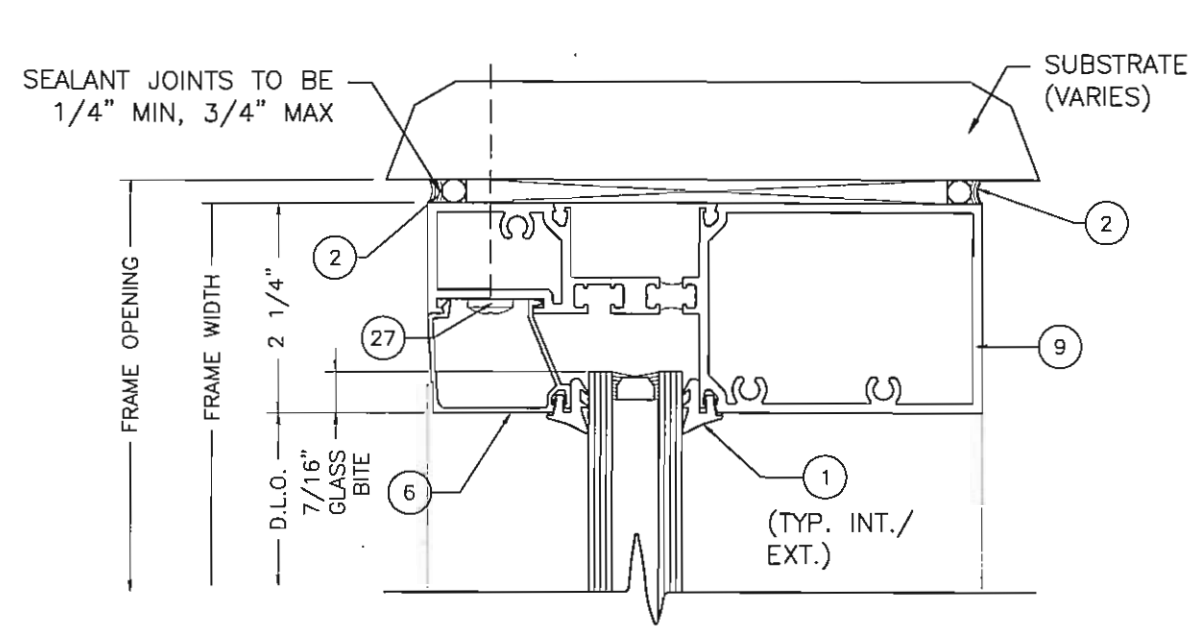
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DOOR FRAMING DETAILS

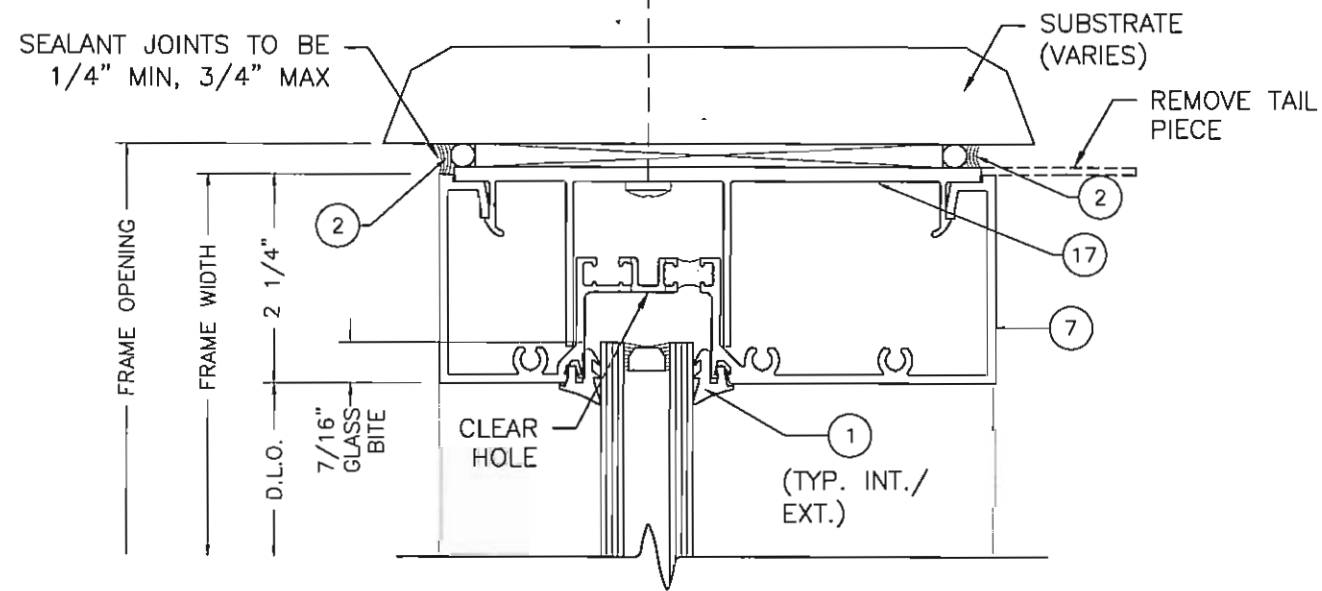
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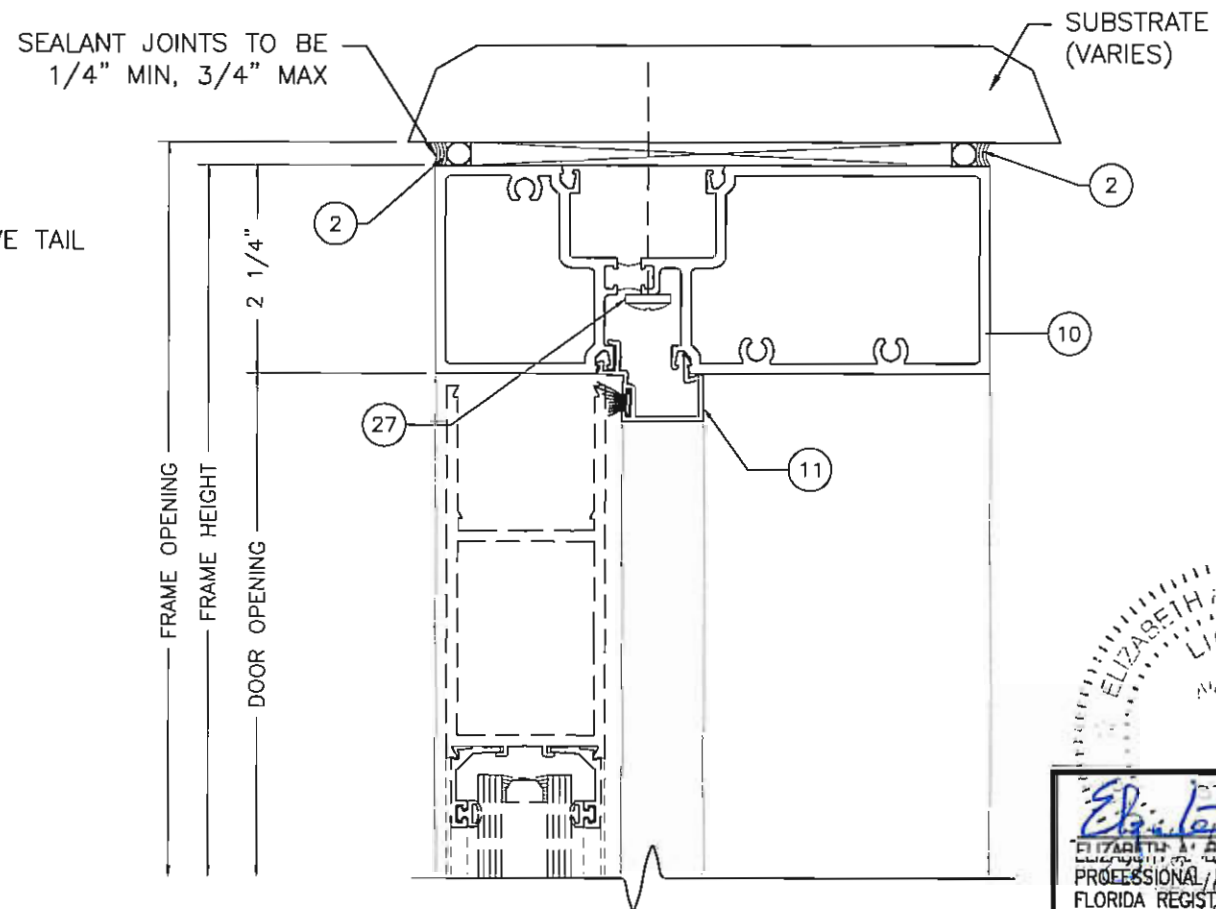
1 **OPTIONAL HEAD**
8 SCALE: 1:2



3 **OPTIONAL HEAD**
8 SCALE: 1:2



2 **OPTIONAL HEAD**
8 SCALE: 1:2



4 **OPTIONAL DOOR HEADER**
8 SCALE: 1:2

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 OPTIONAL FRAMING DETAILS

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FL600T
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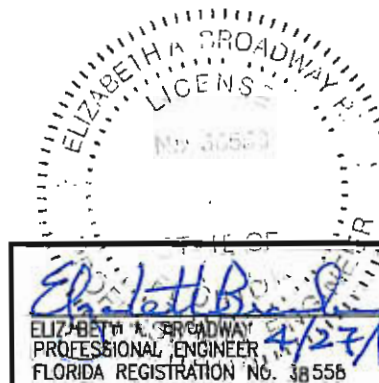
BILL OF MATERIALS

| ITEM NO. | P/N | DESCRIPTION | DIMENSIONS | MATERIAL | MANUFACTURER | NOTES |
|----------|---------|-----------------------------------|------------------------|---------------------------------------|------------------------|--|
| 1 | NG1 | EXTERIOR GLAZING GASKET | 0.120 SPACE | EPDM | VARIES | USED ON EXT. AND INT. |
| 2 | 795 | SILICONE | FILL SPACE | SILICONE | DOW CORNING | |
| 3 | SB3 | SETTING BLOCK @ SILL & HORIZONTAL | 0.625 X 1.218 X 4.000 | EPDM - SHORE A HARDNESS 70-90 DURO | VARIES | (2) PER LITE OF GLASS, MEETS ASTM C864 |
| 4 | WD300-1 | WATER DIVERTER | 1.358 X 1.344 X 4.000 | INJECTION MOLDED PLASTIC | CORAL INDUSTRIES, INC. | @ EACH END OF HORIZONTAL |
| 5 | FL639T | SUBSILL FLASHING | 2.250 X 6.250 X 0.094 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 6 | FL303 | GLASS STOP | 1.207 X 1.543 X 0.050 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 7 | FL634T | VERTICAL/HEAD/JAMB | 2.250 X 6.000 X 0.093 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 8 | FL625T | OPEN BACK MULLION FILLER | 0.862 X 5.670 X 0.078 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 9 | FL626T | INTERMEDIATE HORIZONTAL | 2.250 X 5.969 X 0.100 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 10 | FL607T | DOOR HEADER | 2.250 X 5.969 X 0.110 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 11 | DS200 | DOOR STOP | .500 X 1.019 X .050 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 12 | FL609T | DOOR JAMB | 2.250 X 6.000 X .093 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 13 | ED619-1 | SILL FLASHING END DAM | 2.250 X 1.000 X 0.062 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | USED AT ENDS OF SUBSILL |
| 14 | AS16 | FASTENER | #14 X 1" HHSTS | STEEL | VARIES | TYP. SPLINE SCREW VERTICAL/HORIZONTAL JOINTS |
| 16 | CS604T | FLAT FILLER | 5.6668 X .6730 X .093 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 17 | CS601 | F-CLIP | 7.3411 X 1.9135 X .156 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | 12" IN LENGTH |
| 18 | VG10 | GASKET | | EPDM | VARIES | |
| 19 | FL610T | VERTICAL EXPANSION MULLION | 2.0939 X 6.00 X .093 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 20 | FL611T | VERTICAL EXPANSION MULLION | 1.6945 X 6.00 X .093 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 21 | FL612 | DOOR HEADER | 2.00 X 6.00 X .125 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 22 | FL518 | SASH | 1.00 X .7670 X .0620 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 23 | CS115 | SASH | 1.00 X 2.3910 X .0620 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 24 | DS202 | DOOR STOP | 1.1880 X 2.00 X .0900 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 25 | CS118 | MALE HEAD RECEPTOR | 1.531 X 1.465 X .062 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 26 | CS619T | FEMALE HEAD RECEPTOR | 1.5620 X 6.286 X .062 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 27 | AS56 | FASTENER | #12 X 1.5 SS PHPSMS | STEEL | VARIES | ANCHOR TO CONNECT SILL TO SUBSILL |
| 28 | FL646T | HEAVY WALL VERTICAL | 2.25 X 6 X .23 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 29 | FL649 | HEAVY WALL DOOR JAMB | 2.25 X 6 X .176 | 6063-T6 ALUMINUM | CORAL INDUSTRIES, INC. | |
| 30 | SR102 | 10GA A-36 STEEL | .75 X 4.1875 X .134 | PRIMED STEEL | VARIES | |
| 31 | AS19 | FASTENER | #12 X 1 HWH TEK | STEEL | VARIES | ONE AT TOP AND BOTTOM OF DOOR FRAMES TO HOLD SR102 |
| 32 | CS105 | POCKET FILLER | .480 X 1 X .040 | 6063-T6 ALUMINUM | CORAL | |
| 33 | AS331 | FASTENER | #6 X 3/8" PPH | STEEL | VARIES | |
| 34 | SR101 | 10GA A-36 STEEL | 1.25 X 4.18 X .134 | PRIMED STEEL | VARIES | |



FLORIDA PRODUCT
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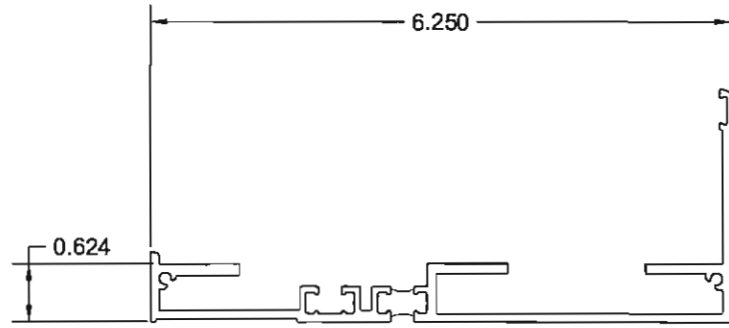
BILL OF MATERIALS



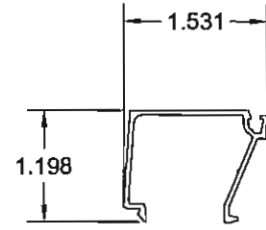
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| PROJECT NO. | FL600T |
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| DATE | 4/2/18 |
| APPROVED | EAB |
| SHEET | 10 OF 17 |

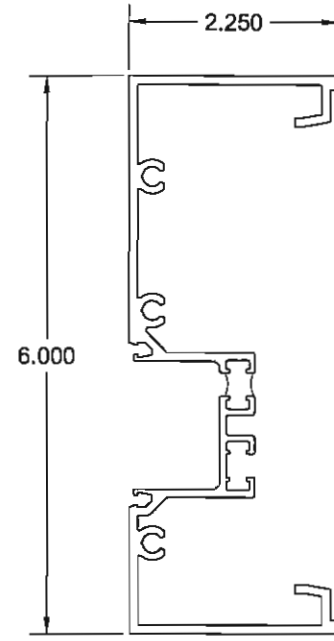
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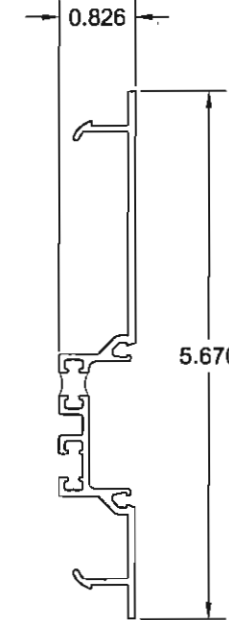
5 SUBSILL



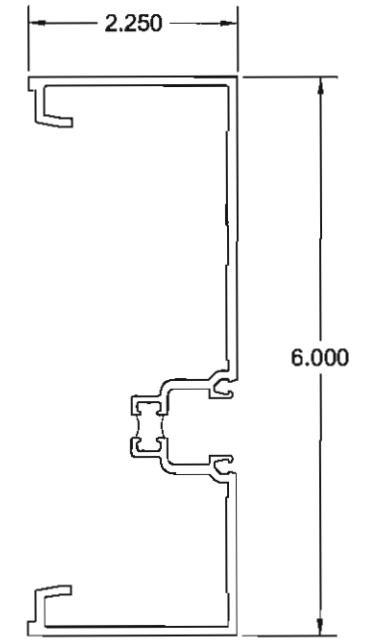
6 GLASS STOP



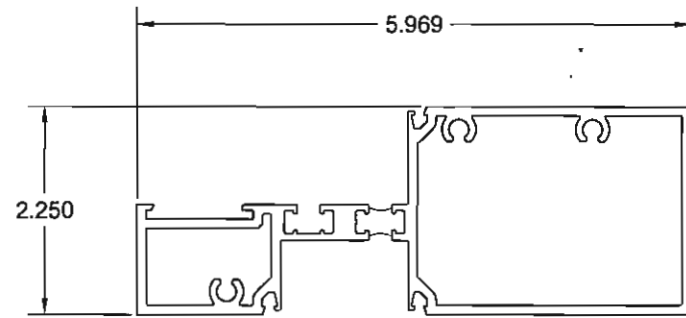
7 VERTICAL MULLION



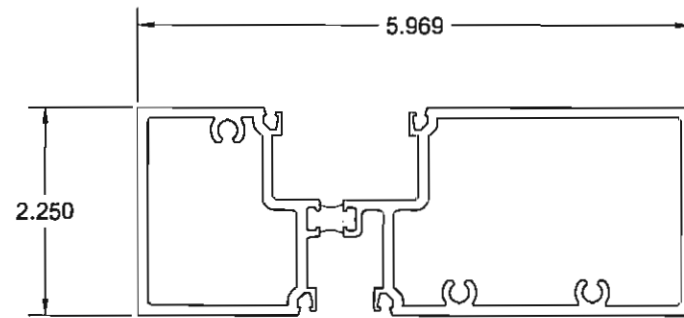
8 OPEN BACK MULLION FILLER



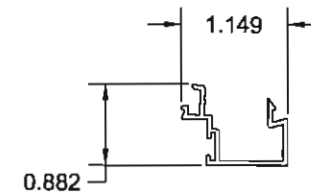
12 DOOR JAMB



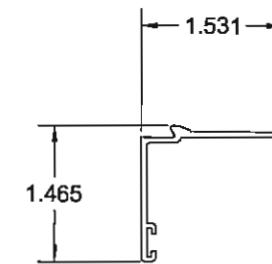
9 HORIZONTAL MULLION



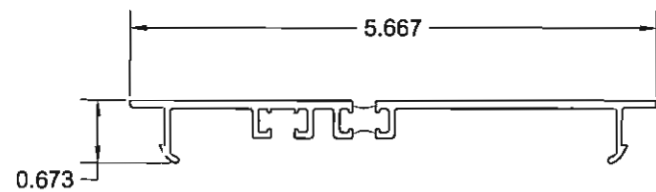
10 DOOR HEADER



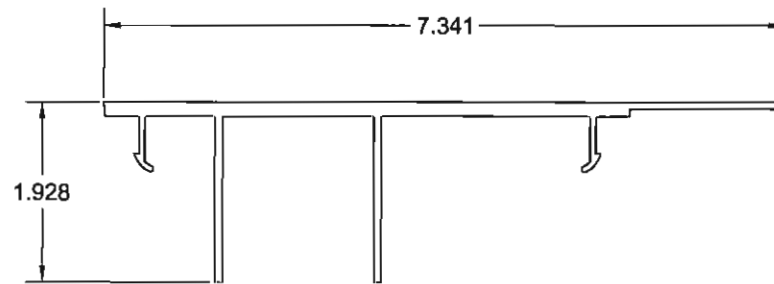
11 DOOR STOP



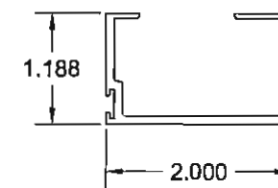
25 MALE HEAD RECEPTOR



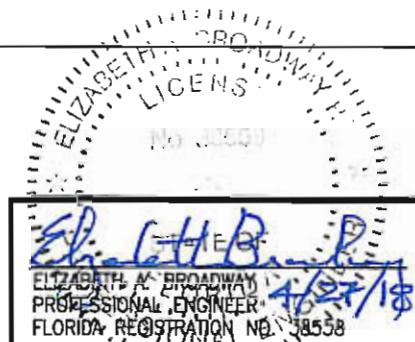
16 FLAT FILLER



17 F-CLIP



24 DOOR STOP



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FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T
 DIE DRAWINGS

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| PROJECT NO. | FL600T |
| DRAWN | DATE 4/2/18 |
| CHECKED W5 | APPROVED EAB |
| SHEET 11 OF 17 | |

1 EXT. GLAZING GASKET



18 GASKET



3 SETTING BLOCK



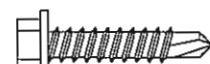
33 AS31



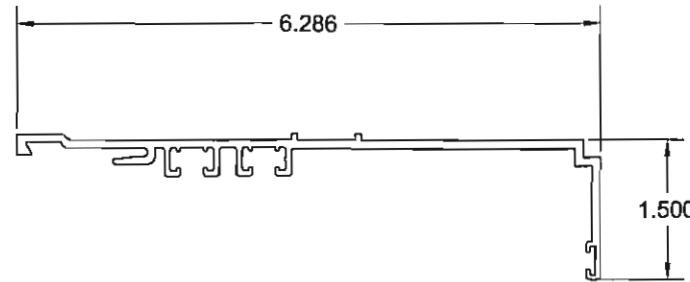
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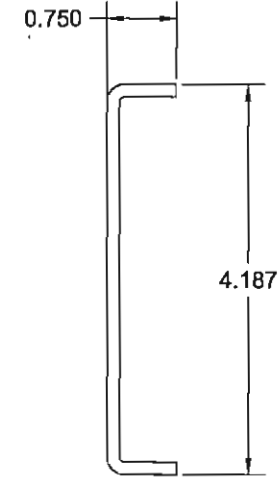
27 AS56



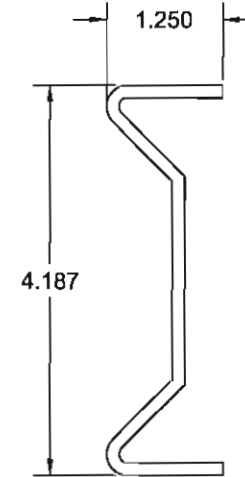
31 AS19



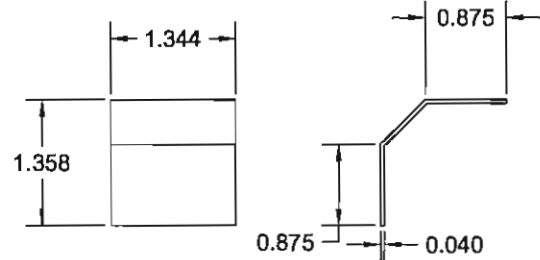
26 FEMALE HEAD RECEPTOR



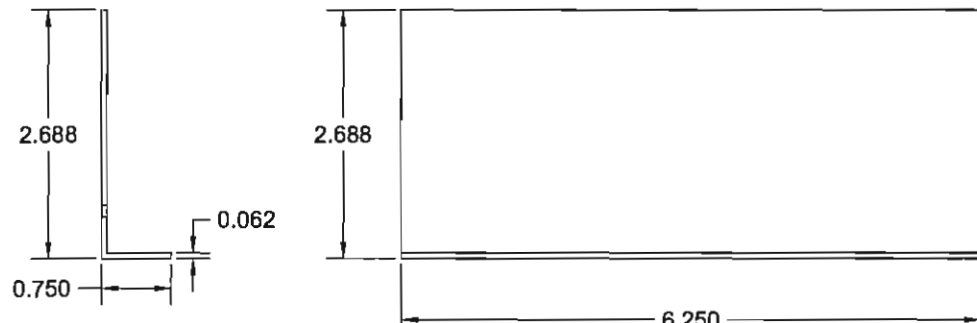
30 REINFORCING STEEL



34 REINFORCING STEEL



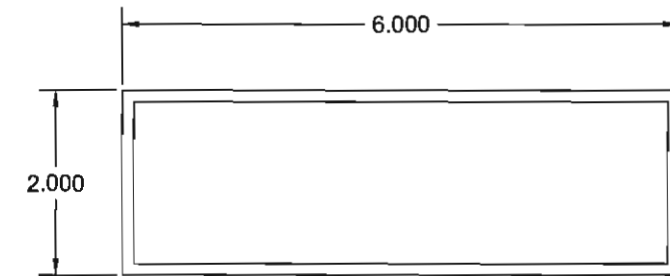
4 WATER DIVERTER



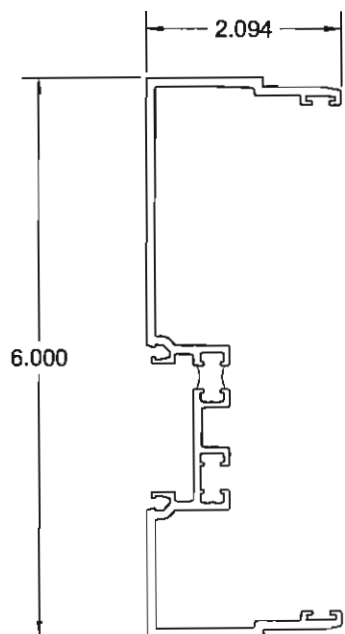
END VIEW

13 END DAMN

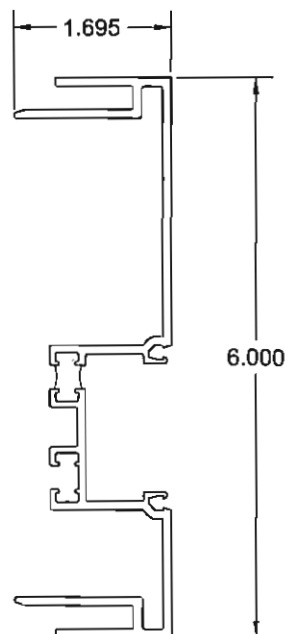
SIDE VIEW



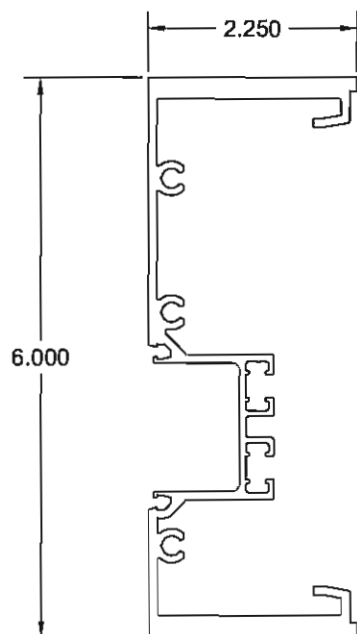
21 DOOR HEAD



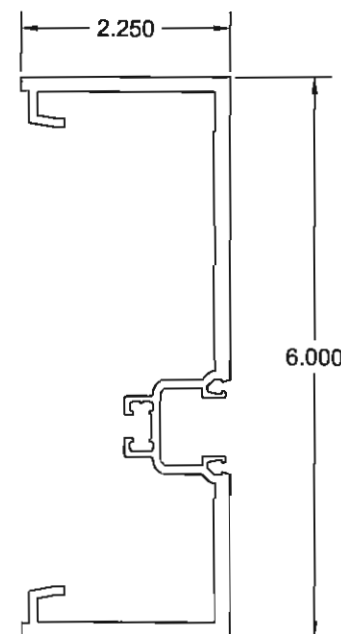
19 VERTICAL EXPANSION MULLION



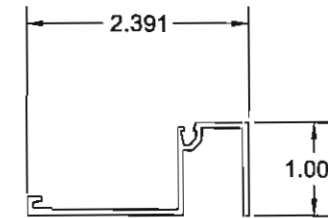
20 VERTICAL EXPANSION MULLION



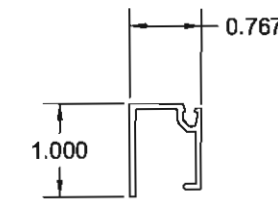
28 HEAVY WALL VERTICAL



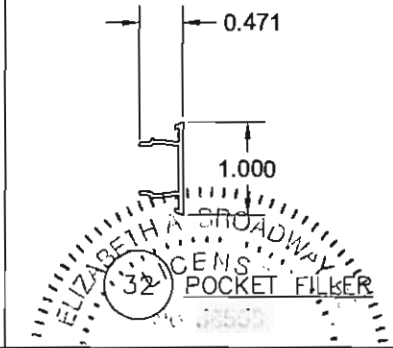
29 HEAVY WALL DOOR JAMB



23 SASH



22 SASH



ELIZABETH A. BROADWAY
PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 38558
4/27/18

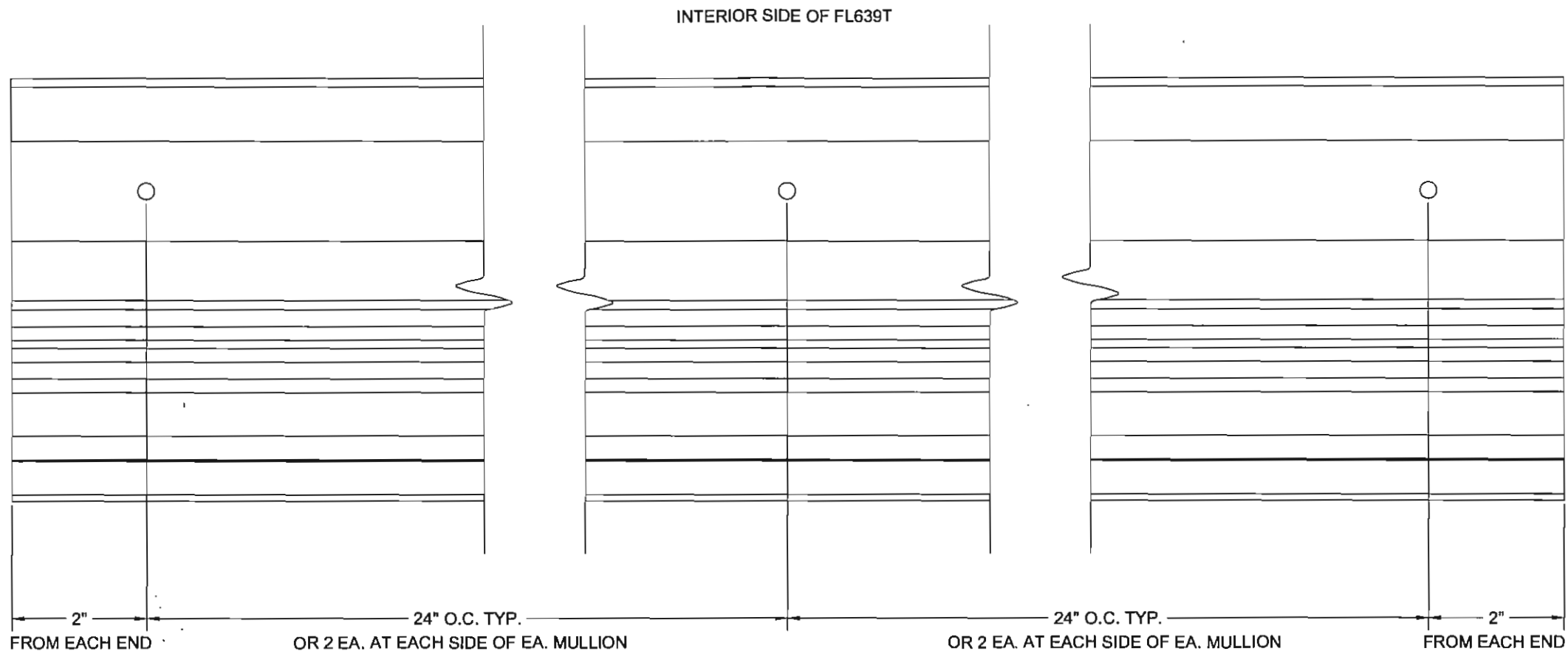
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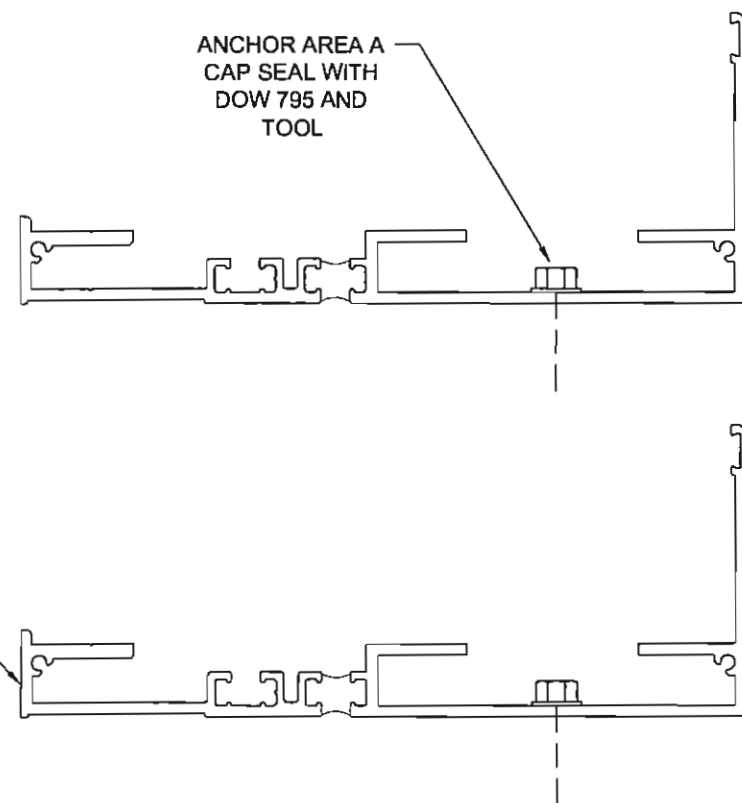
FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T
DIE DRAWINGS

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| PROJECT NO. FL600T | DATE 4/2/18 |
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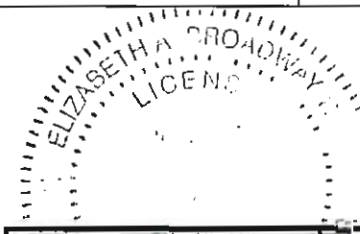
REFERENCE CHART BELOW FOR ANCHOR LOCATIONS

SUBSILL ANCHORING



FL639 AND FL639T ANCHOR TYPES

| SUBSTRATE | ANCHOR TYPE | LENGTH BASED ON 1/2" SHIM SPACE |
|---------------------------|-------------------------------------|---------------------------------|
| WOOD 3" THICK | #14 WOOD SCREW | 2-1/2" |
| CONCRETE MIN 3000 PSI | 1/4" HEX HEAD TAPCON OR EQUAL | 3" |
| STEEL STUD MIN 18 GA | #14 PH OR HH TEK SCREW | 2" |
| STEEL HOT ROLLED MIN 1/8" | #14 PH OR HH TEK SCREW | 2" |
| STEEL HOT ROLLED MIN 1/8" | 1/4" TYPE F OR STANDARD SAE AND TAP | 2" |



Elizabeth A. Broadway
 ELIZABETH A. BROADWAY
 PROFESSIONAL ENGINEER
 FLORIDA REGISTRATION NO. 38558

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| SHEET 13 OF 17 | |

PERIMETER FASTENERS:

- TYPICAL INSTALLATION INTO SUBSTRATES
 - 3000 PSI CONCRETE
 - STEEL, 18 GA. MIN.
 - HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - SO. PINE, GRADE NO. 2 OR BETTER

- FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

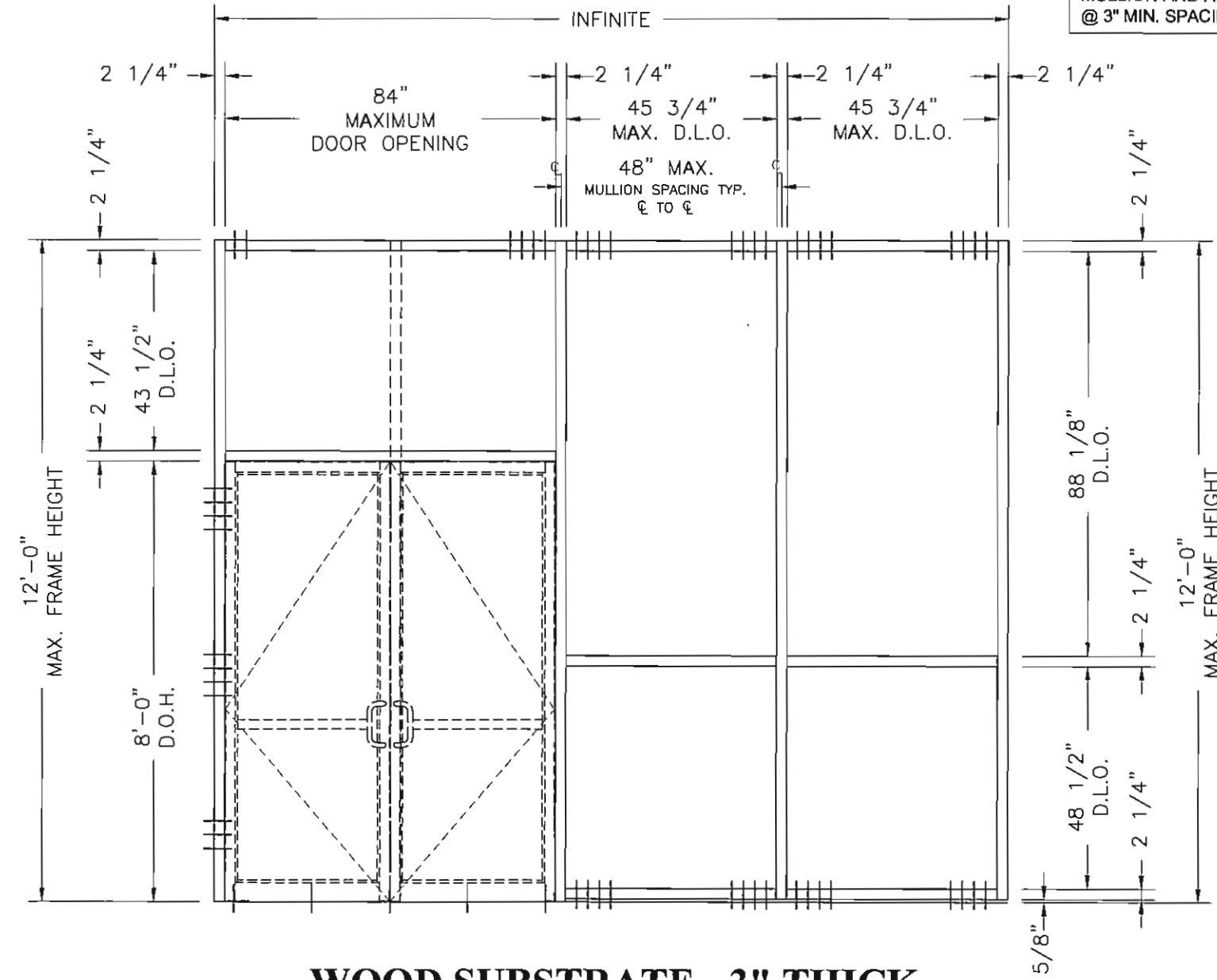
FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

| DOOR FRAME JAMB ANCHORS #14 X 3" PAN OR HEX HEAD WOOD SCREW | |
|--|--|
| LOCATION | SPACING |
| FROM BOTTOM OF FRAME (3) TOTAL | 11-1/2", 14-1/2", 17-1/2" |
| FROM CENTERLINE (4) TOTAL | 1-1/2", 4-1/2" ABOVE CENTERLINE 1-1/2", 4-1/2" BELOW CENTERLINE |
| FROM BOTTOM OF DOOR HEADER (4) TOTAL | 11-1/2", 14-1/2", 17-1/2", 20-1/2" |

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE ANCHORED AS SHOWN ON CHART ABOVE.

| THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE | |
|--|---|
| SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL) | (1) EACH 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL) | (1) EACH AT 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| | (1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS |

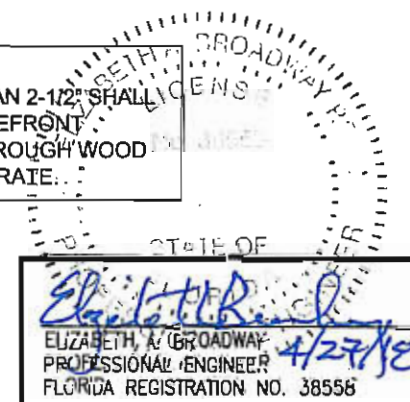
HEAD AND SILL
#14 X 3" WOOD SCREWS WITH 2" MIN. EMBEDMENT, 1-3/4" MIN. EDGE DISTANCE. LOCATE FIRST ANCHOR 2" FROM EDGE OF MULLION AND ADDITIONAL FASTENERS @ 3" MIN. SPACING.



**WOOD SUBSTRATE - 3" THICK
ANCHOR LOCATIONS**

JAMB
#14 X 3" WOOD SCREWS WITH 2" MIN. EMBEDMENT, 1-3/4" MIN. EDGE DISTANCE. LOCATE (1) ANCHOR @ 1-1/2" ABOVE AND BELOW CENTERLINE AND ADDITIONAL FASTENERS @ 3" MIN. SPACING.

NOTE:
WOOD FRAMING THAT IS LESS THAN 2-1/2" SHALL BE CONSIDERED BLOCKING. STOREFRONT FRAMING SHALL BE FASTENED THROUGH WOOD INTO STEEL OR CONCRETE SUBSTRATE.



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FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T
WOOD FASTENER LOCATIONS

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| CHECKED | APPROVED |
| W/S | EAB |
| SHEET | 14 OF 17 |

PERIMETER FASTENERS:

- TYPICAL INSTALLATION INTO SUBSTRATES
 - 3000 PSI CONCRETE
 - STEEL, 18 GA. MIN.
 - HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - SO. PINE, GRADE NO. 2 OR BETTER

- FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

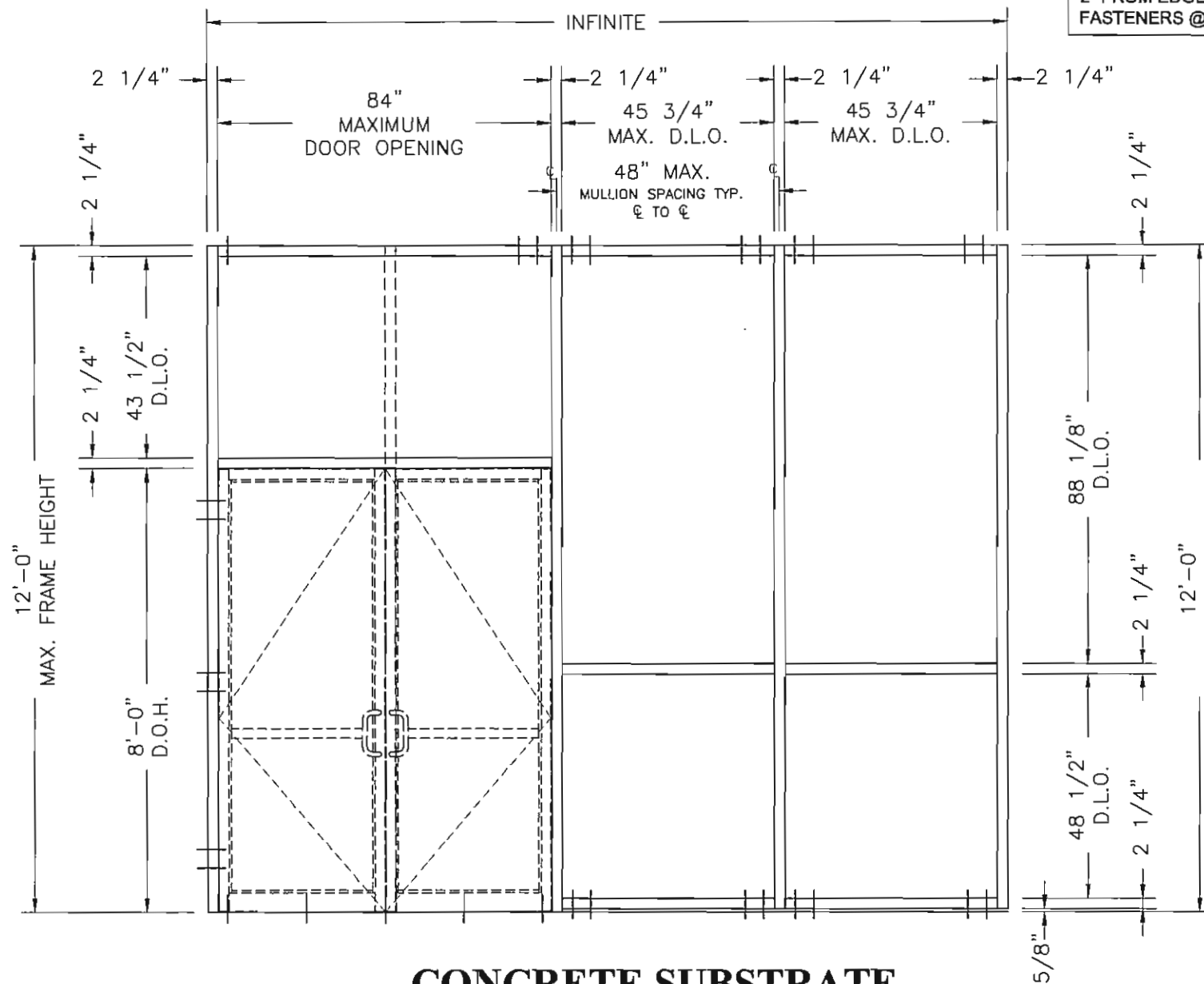
FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

| DOOR FRAME JAMB ANCHORS 1/4" X 3" HEX OR FLAT HEAD TAPCONS | |
|---|--|
| LOCATION | SPACING |
| FROM BOTTOM OF FRAME (2) TOTAL | 8-1/2", 12-1/2" |
| FROM CENTERLINE (2) TOTAL | 2" ABOVE CENTERLINE 2" BELOW CENTERLINE |
| FROM BOTTOM OF DOOR HEADER (2) TOTAL | 8-1/2", 12-1/2" |

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE ANCHORED AS SHOWN ON CHART ABOVE.

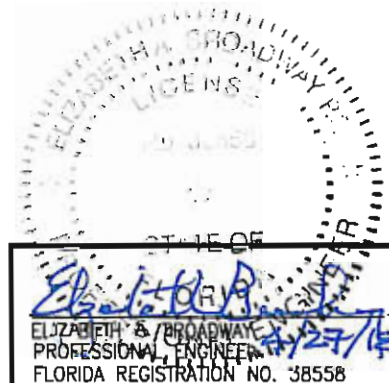
| THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE | |
|--|---|
| SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL) | (1) EACH 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL) | (1) EACH AT 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| | (1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS |

HEAD AND SILL
1/4" X 2-1/2" TAPCON WITH 1-3/4" MIN. EMBEDMENT, MIN. 4" SPACING, 2-1/2" MIN. EDGE DISTANCE. LOCATE FIRST ANCHOR 2" FROM EDGE OF MULLION AND ADDITIONAL FASTENERS @ 4" MIN. SPACING.



CONCRETE SUBSTRATE ANCHOR LOCATIONS

JAMB
1/4" X 2-1/2" TAPCON WITH 1-3/4" MIN. EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE. LOCATE (1) ANCHOR @ 2" ABOVE AND BELOW CENTERLINE



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| FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T | | CONCRETE FASTENER LOCATIONS | |
| PROJECT NO. | FL600T | DATE | 4/2/18 |
| DRAWN | DEG | CHECKED | W5 |
| APPROVED | EAB | SHEET 15 OF 17 | |

PERIMETER FASTENERS:

1. TYPICAL INSTALLATION INTO SUBSTRATES
 - A. 3000 PSI CONCRETE
 - B. STEEL, 18 GA. MIN.
 - C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - D. SO. PINE, GRADE NO. 2 OR BETTER

2. FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

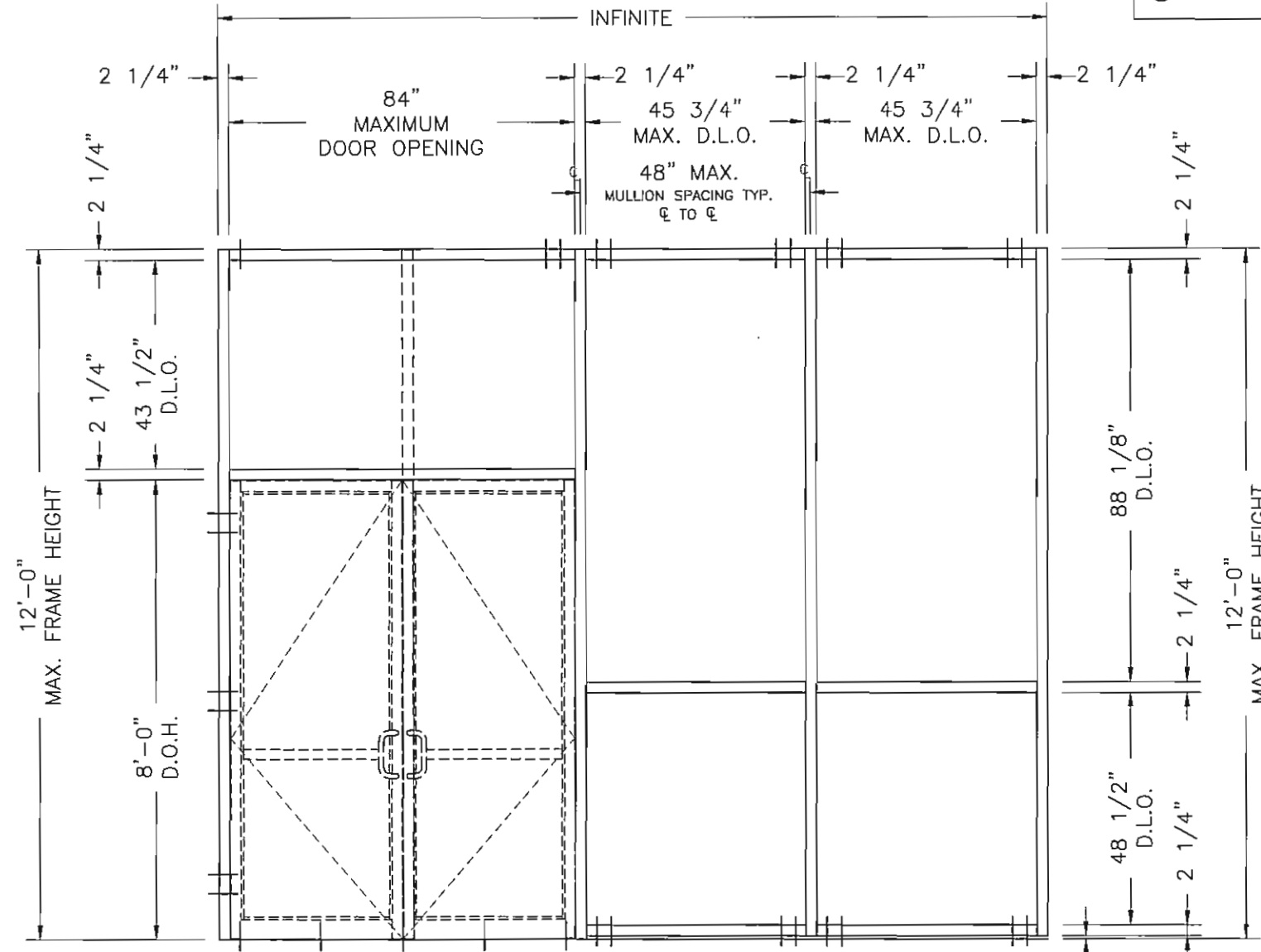
ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

HEAD AND SILL

1/4" X 2-1/2" TEK 3 SCREW.
LOCATE FIRST ANCHOR 2" FROM EDGE OF MULLION AND ADDITIONAL ANCHORS @ 2" MIN. SPACING.



LIGHT GAUGE MIN. 18 GA. STEEL SUBSTRATE ANCHOR LOCATIONS

JAMB

1/4" X 2-1/2" TEK 3 SCREW.
LOCATE (1) ANCHOR @ 1" ABOVE AND BELOW CENTERLINE

| DOOR FRAME JAMB ANCHORS 1/4-14 X 2-1/2" TEK 3 HEX OR FLAT HEAD SCREWS | |
|--|--|
| LOCATION | SPACING |
| FROM BOTTOM OF FRAME (2) TOTAL | 8-1/2", 12-1/2" |
| FROM CENTERLINE (2) TOTAL | 2" ABOVE CENTERLINE 2" BELOW CENTERLINE |
| FROM BOTTOM OF DOOR HEADER (2) TOTAL | 8-1/2", 12-1/2" |

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE ANCHORED AS SHOWN ON CHART ABOVE.

| THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE | |
|--|---|
| SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL) | (1) EACH 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL) | (1) EACH AT 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| | (1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS |



FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T
LIGHT GAUGE STEEL FASTENER LOCATIONS



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| PROJECT NO. FL600T | DATE 4/2/18 |
| DRAWN DEG | CHECKED WS |
| APPROVED EAB | SHEET 16 OF 17 |

PERIMETER FASTENERS:

1. TYPICAL INSTALLATION INTO SUBSTRATES
 - A. 3000 PSI CONCRETE
 - B. STEEL, 18 GA. MIN.
 - C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - D. SO. PINE, GRADE NO. 2 OR BETTER

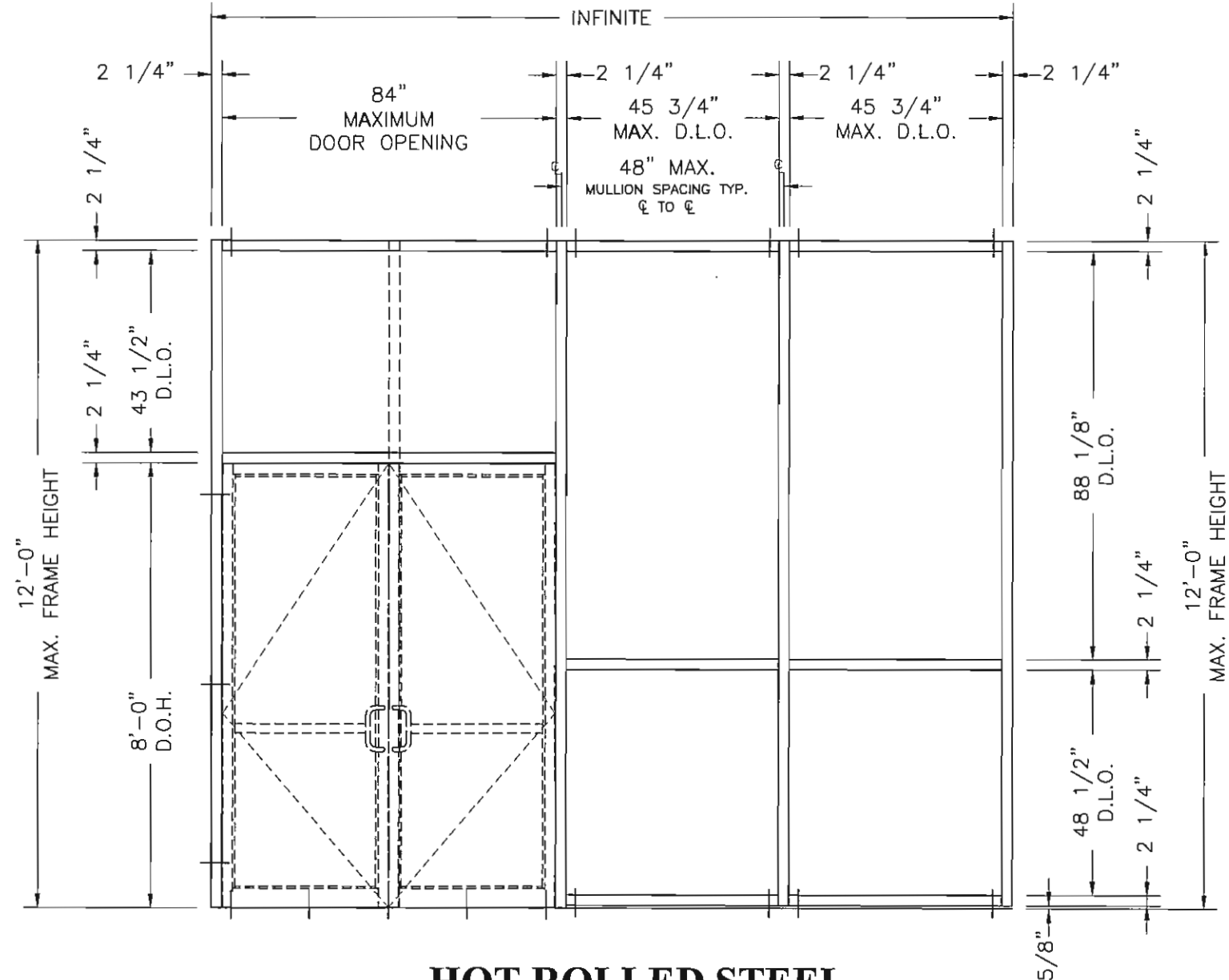
2. FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

HEAD AND SILL
 1/4" X 2" PAN HEAD OR TEK SCREW
 OR
 1/4" X 2" TYPE F BOLT OR STANDARD SAE BOLT AND TAP
 OR
 1/4" X 2" BOLT, NUT, AND WASHER
 LOCATE ANCHORS 2" FROM EDGE OF MULLION.



| DOOR FRAME JAMB ANCHORS 1/4-14 X 2-1/2" TEK 3 HEX OR FLAT HEAD SCREWS OR 1/4" X 2-1/2" BOLT | |
|---|---------------|
| LOCATION | SPACING |
| FROM BOTTOM OF FRAME (1) TOTAL | 8-1/2" |
| FROM CENTERLINE (1) TOTAL | AT CENTERLINE |
| FROM BOTTOM OF DOOR HEADER (1) TOTAL | 8-1/2" |

NOTE:
 DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE ANCHORED AS SHOWN ON CHART ABOVE.

| THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE | |
|--|---|
| SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL) | (1) EACH 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL) | (1) EACH AT 4" FROM EACH JAMB |
| | (1) EACH AT CENTER LINE OF DOOR OPENING |
| | (1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS |

**HOT ROLLED STEEL
 SUBSTRATE ANCHOR LOCATIONS**

JAMB
 1/4" X 2-1/2" TEK 3 SCREW OR BOLT
 LOCATE ANCHOR @ CENTERLINE



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HOT ROLLED STEEL FASTENER LOCATIONS

| | |
|-------------|----------|
| PROJECT NO. | FL600T |
| DRAWN | DATE |
| DEG | 4/2/18 |
| CHECKED | APPROVED |
| WS | EAB |
| SHEET | |
| 17 OF 17 | |