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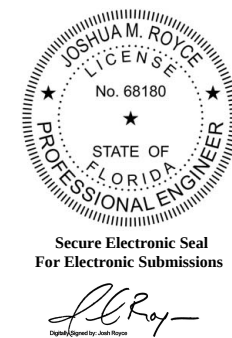
3010 RICE MINE ROAD, TUSCALOOSA, AL 35406  
PHONE: 800-772-7737 FAX: 800-255-7320

PRODUCT APPROVAL FOR FL550T  
LARGE MISSILE WET GLAZE SYSTEM  
INDEX TO DRAWINGS AND NOTES

|                          |                |                 |
|--------------------------|----------------|-----------------|
| DATE<br>8/22/2016        |                |                 |
| DRAWN<br>DEG             | CHECKED<br>WSS | APPROVED<br>EAB |
| PROJECT NO.              |                |                 |
| DRAWING NO.<br>FL550T_02 |                |                 |
| SHEET<br>1 OF 14         |                |                 |



DESIGN PRESSURE = +55/-55 PSF  
NS281 AND MS381 UNDER SEPARATE  
APPROVAL.



PRODUCT APPROVAL FOR FL550T  
LARGE MISSILE WET GLAZE SYSTEM

DOOR FRAMING  
STANDARD MULLION

|                          |                |                 |
|--------------------------|----------------|-----------------|
| DATE<br>8/22/2016        |                |                 |
| DRAWN<br>DEG             | CHECKED<br>WSS | APPROVED<br>EAB |
| PROJECT NO.              |                |                 |
| DRAWING NO.<br>FL550T_02 |                |                 |
| SHEET<br>2 OF 14         |                |                 |

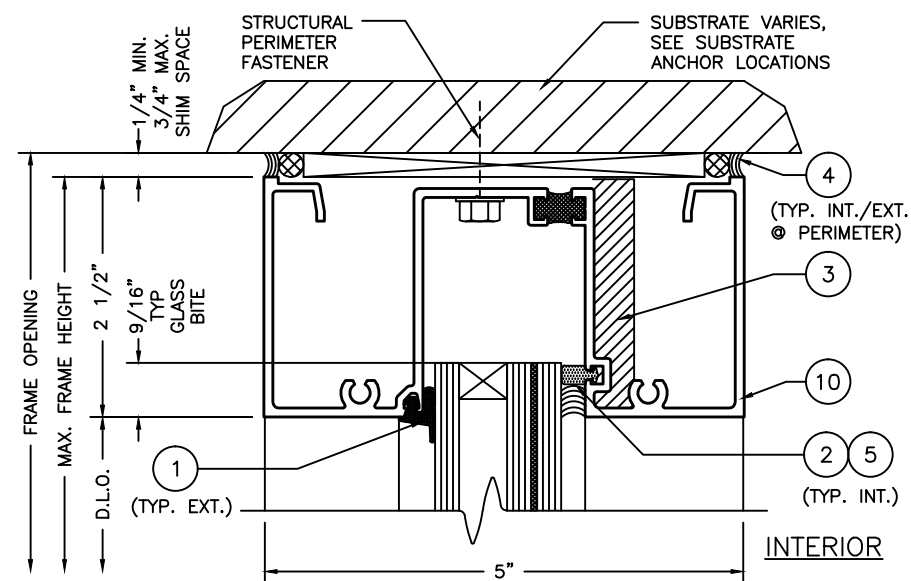
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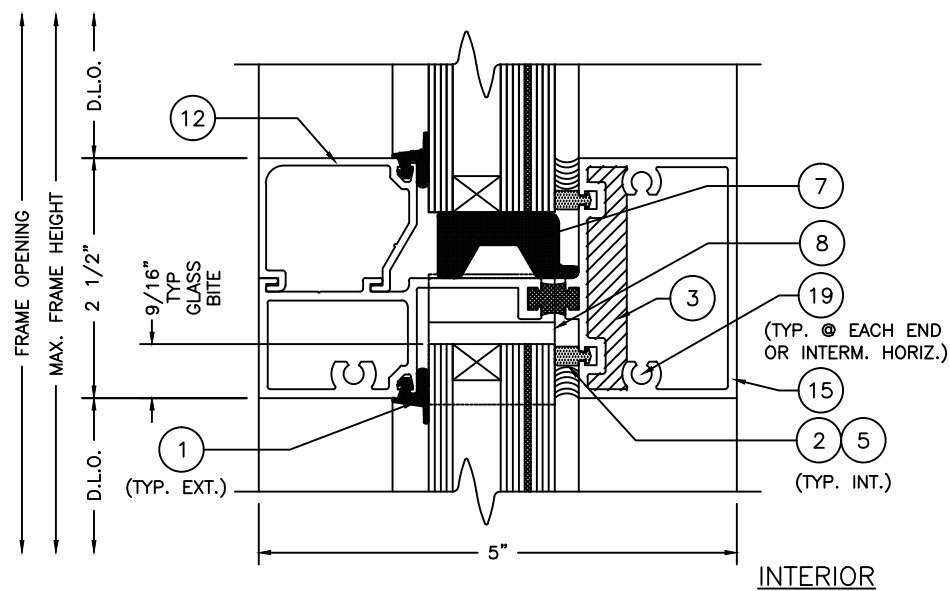
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PHONE: 800-772-7737 FAX: 800-255-7320

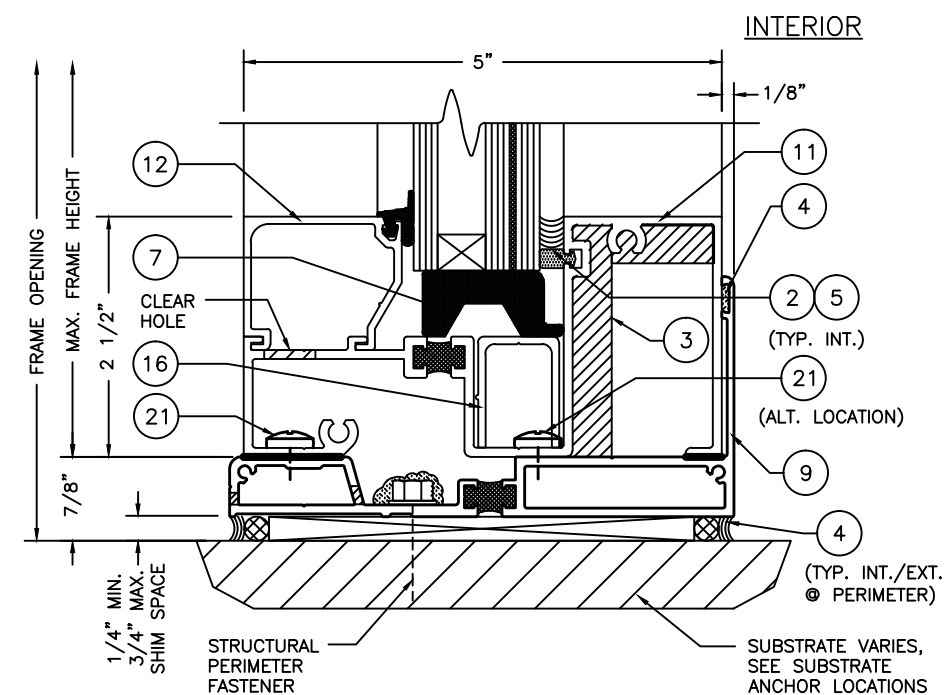
[illegible][illegible]



1 DETAIL  
3 SCALE: 1:2



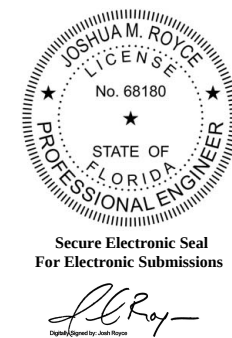
2 DETAIL  
3 SCALE: 1:2



DETAIL

SCALE: 1:2

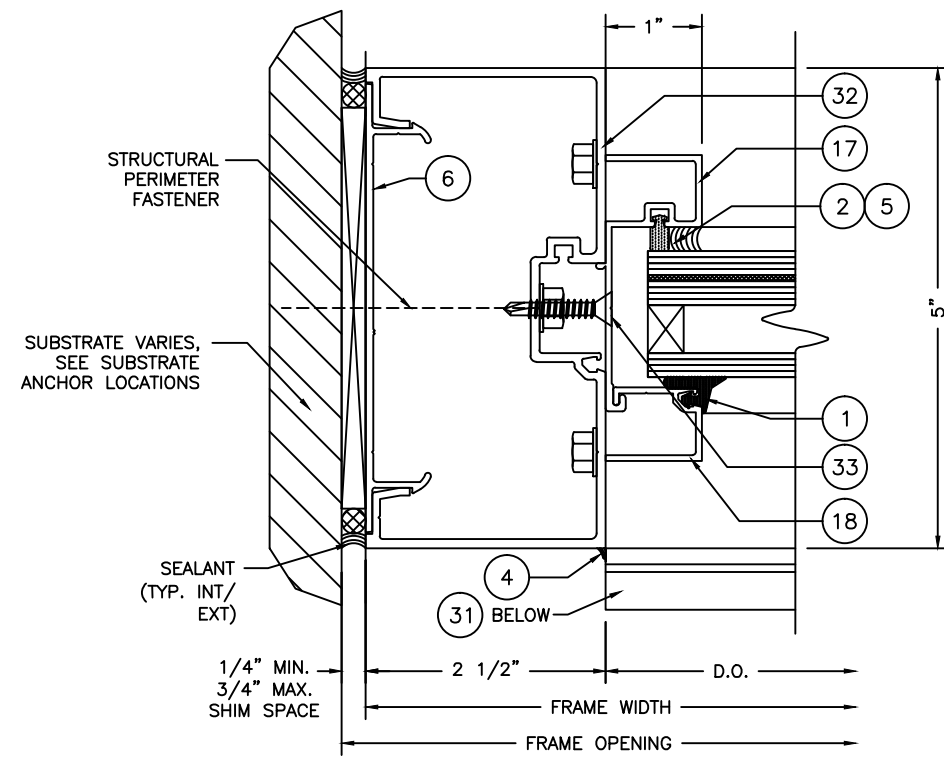
NOTE:  
SEE FL539T SUBSILL ANCHOR PAGE  
FOR ANCHOR LOCATIONS, TYPES  
AND WEEP HOLE LOCATIONS.



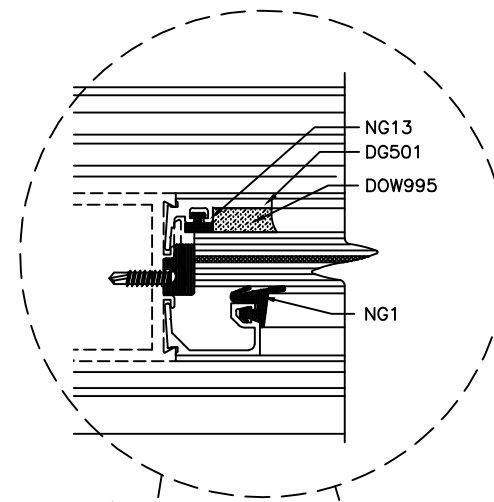
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|-----------------------------------------------------------------------|--|-------------------------------|------------------------|--------------------------------|--|
| <p>PRODUCT APPROVAL FOR FL550T<br/>LARGE MISSILE WET GLAZE SYSTEM</p> |  |                               | <p>FRAMING DETAILS</p> |                                |  |
| <p>DATE 8/22/2016</p>                                                 |  |                               |                        |                                |  |
| <p>DRAWN<br/><i>DEG</i></p>                                           |  | <p>CHECKED<br/><i>WSS</i></p> |                        | <p>APPROVED<br/><i>EAB</i></p> |  |
| <p>PROJECT NO.</p>                                                    |  |                               |                        |                                |  |
| <p>DRAWING NO.<br/><b>FL550T_02</b></p>                               |  |                               |                        |                                |  |
| <p>SHEET 3 OF 14</p>                                                  |  |                               |                        |                                |  |



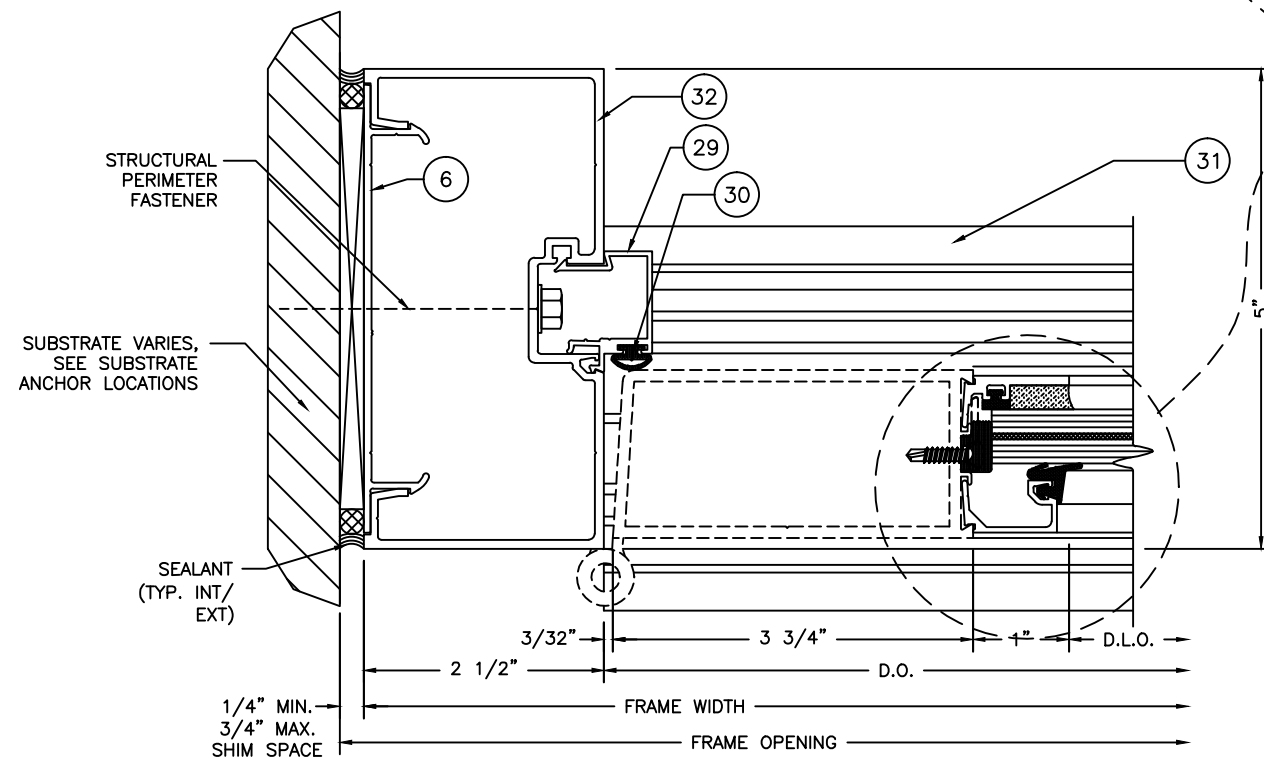
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| DATE<br>8/22/2016        |                |                 |
| DRAWN<br>DEG             | CHECKED<br>WSS | APPROVED<br>EAB |
| PROJECT NO.              |                |                 |
| DRAWING NO.<br>FL550T_02 |                |                 |
| SHEET<br>5 OF 14         |                |                 |



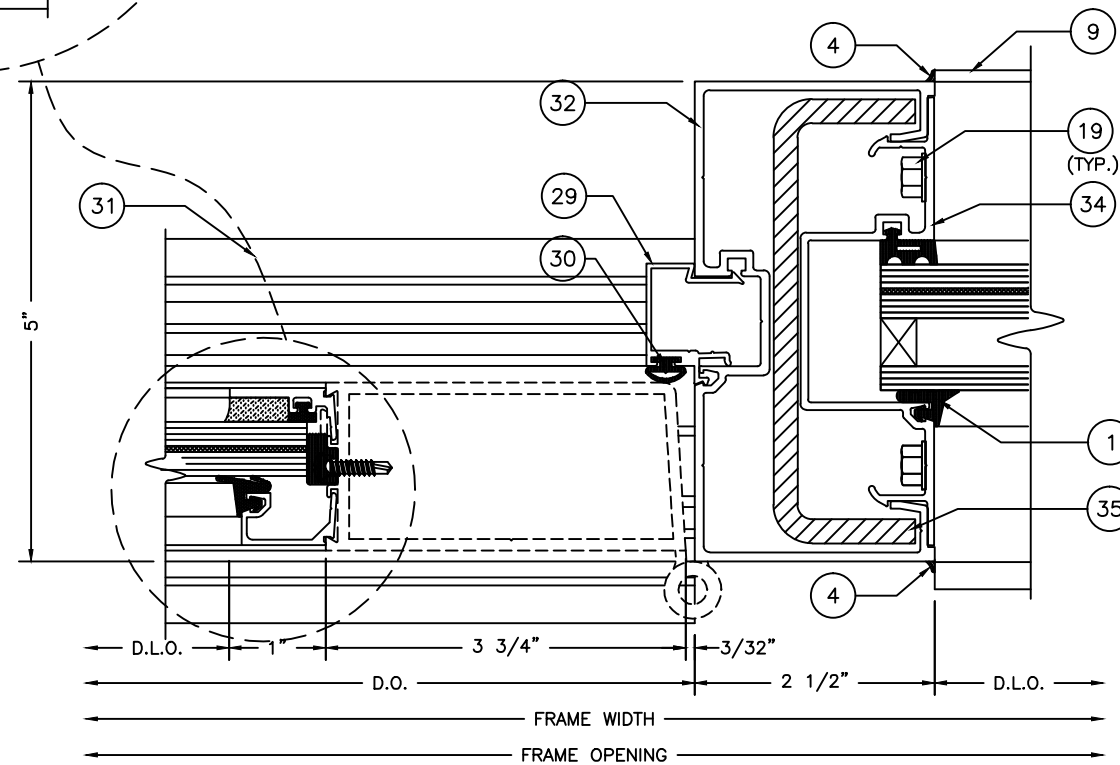
9 DETAIL  
6 SCALE: 1:2



10 DETAIL  
6 SCALE: 1:2



11 DETAIL  
6 SCALE: 1:2



12  
6



# PRODUCT APPROVAL FOR FL550T LARGE MISSILE WET GLAZE SYSTEM

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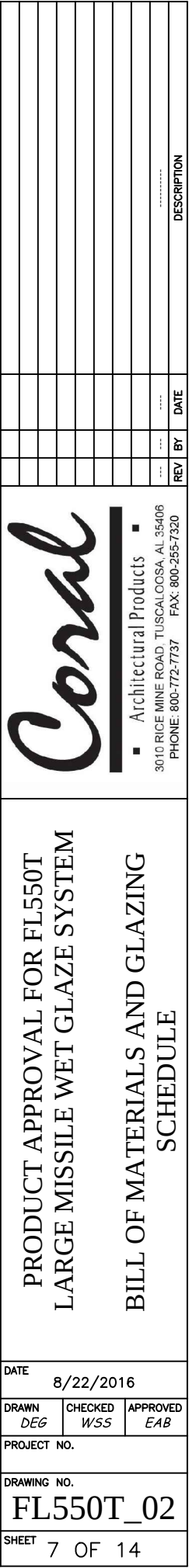
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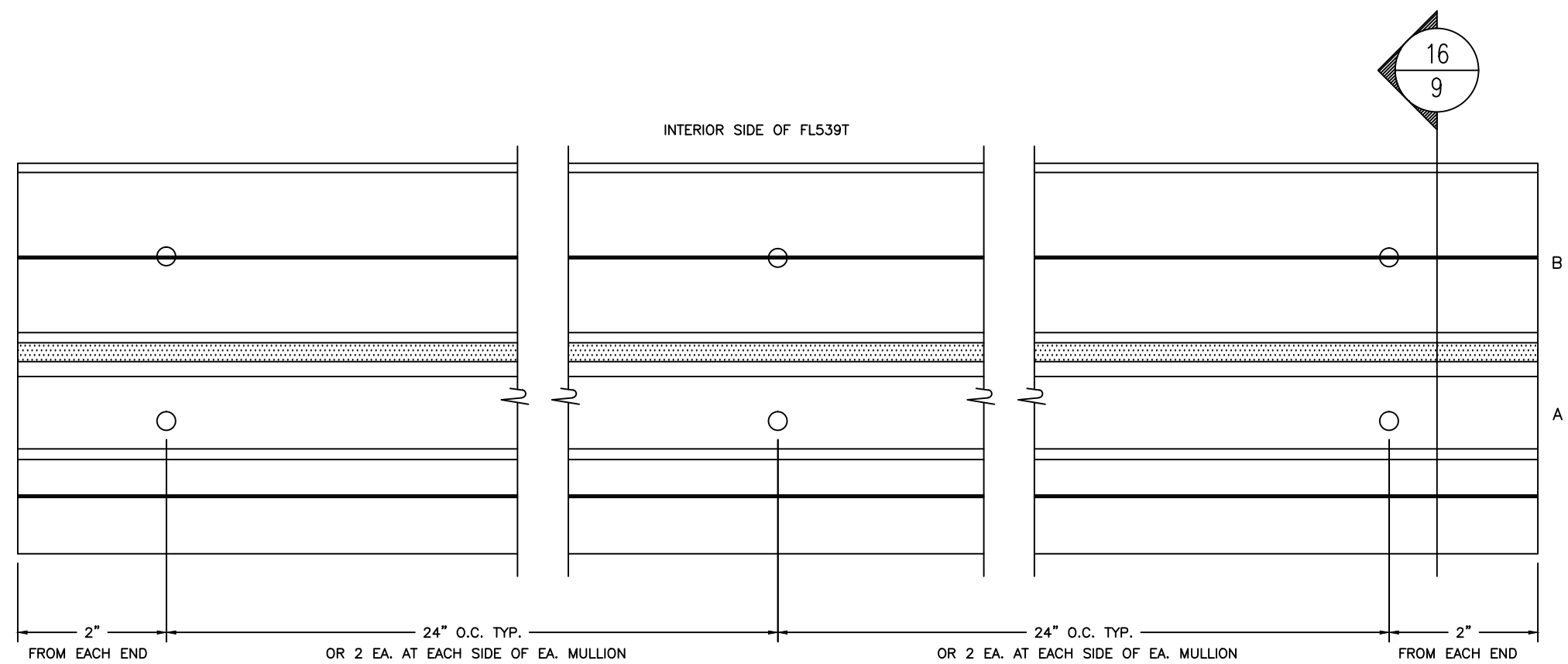
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|--------------------------|----------------|-----------------|
| DATE<br>8/22/2016        |                |                 |
| DRAWN<br>DEG             | CHECKED<br>WSS | APPROVED<br>EAB |
| PROJECT NO.              |                |                 |
| DRAWING NO.<br>FL550T_02 |                |                 |
| SHEET<br>6 OF 14         |                |                 |

| BILL OF MATERIALS |         |                                   |                        |                          |                        |                                                             |
|-------------------|---------|-----------------------------------|------------------------|--------------------------|------------------------|-------------------------------------------------------------|
| ITEM NO.          | P/N     | DESCRIPTION                       | DIMENSIONS             | MATERIAL                 | MANUFACTURER           | NOTES                                                       |
| 1                 | NG1     | EXTERIOR GLAZING GASKET           | 0.120 SPACE            | EPDM                     | VARIES                 |                                                             |
| 2                 | NG14    | INTERIOR SPACER GASKET            | 0.250 SPACE            | EPDM                     | VARIES                 |                                                             |
| 3                 | SM5601  | JOINT SEALANT TAPE                | 0.500 X 0.125 X VARIES | BUTYL                    | SCHNEE–MOOREHEAD       |                                                             |
| 4                 | 795     | SILICONE – PERIMETER SEALANT      | FILL SPACE             | SILICONE                 | DOW CORNING            | USED @ PERIMETER                                            |
| 5                 | 995     | SILICONE – GLASS TO METAL         | FILL SPACE             | SILICONE                 | DOW CORNING            | GLASS TO METAL AND INTERNAL                                 |
| 6                 | FL515   | FLAT FILLER                       | 0.681 X 4.658 X 0.070  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 7                 | SB15    | SETTING BLOCK @ SILL & HORIZONTAL | 0.687 X 1.468 X 4.000  | EPDM                     | VARIES                 | 2 PER LITE                                                  |
| 8                 | WD300–1 | WATER DIVERTER                    | 1.358 X 1.344 X 4.000  | INJECTION MOLDED PLASTIC | CORAL INDUSTRIES, INC. | @ EACH END OF HORIZONTAL                                    |
| 9                 | FL539T  | SUBSILL                           | 2.620 X 5.402 X 0.084  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 10                | FL571T  | HEAD OR WALL JAMB                 | 2.500 X 5.000 X 0.094  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 11                | FL572T  | SILL OR HEAD                      | 2.500 X 4.980 X 0.094  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 12                | FL553   | GLASS STOP                        | 1.250 X 1.646 X 0.078  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 13                | FL574T  | STD. VERTICAL MULLION             | 2.500 X 5.000 X 0.094  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 14                | FL575T  | OPEN BACK MULLION FILLER          | 0.681 X 4.670 X 0.080  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 15                | FL576T  | HORIZONTAL MULLION                | 2.500 X 4.980 X 0.094  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 16                | CS500–1 | SETTING CHAIR                     | 1.218 X 1.544 X 0.062  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 17                | FL467   | TRANSOM SASH                      | 2.669 X 1.000 X 0.062  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 18                | FL518   | TRANSOM GLASS STOP                | 1.000 X 0.767 X 0.062  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 19                | AS16    | FASTENER                          | #14 X 1" HHSTS         | STEEL                    | VARIES                 | TYP. SPLINE SCREW VERTICAL/HORIZONTAL JOINTS                |
| 20                | AS21    | FASTENER                          | #6 X 1/4" PPH          | STEEL                    | VARIES                 | ANCHOR(17) (ED519–1) TO(9)(FL539T)                          |
| 21                | AS57    | FASTENER                          | #12 X 1/2" PHPSMS      | S. STEEL                 | VARIES                 |                                                             |
| 22                | ANCHOR  | FASTENER                          | #14 X 2" HH TEK SCREW  | ZINC PLATED              | VARIES                 | ANCHOR MISC PARTS TO SUBSTRATES                             |
| 23                | AS29    | FASTENER                          | #8 X 2" FHPUC          | S. STEEL                 | VARIES                 | ANCHOR(14) FL575T TO (13) FL574T COUNTER SINK AND BREAK OFF |
| 24                | AS59    | FASTENER                          | #14 X 1–1/2" PHPSMS    | ZINC PLATED              | VARIES                 | ANCHOR(11) FL572T TO(9) FL539T                              |
| 25                | ED519–1 | SILL FLASHING END DAM             | 2.688 X 0.750 X 0.062  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 26                | SB7     | TRANSOM SETTING BLOCK             | 1.250 X 0.313 X 4.000  | EPDM                     | VARIES                 | 2 PER LITE                                                  |
| 27                | AS39    | FASTENER                          | #10 X 1–3/4" FPH       | STEEL                    | VARIES                 |                                                             |
| 28                | FL507   | DOOR HEADER                       | 2.500 X 5.000 X 0.094  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 29                | DS501   | DOOR STOP                         | 1.008 X 1.258 X 0.050  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 30                | NG5     | DOOR STOP GASKET                  | 0.070 SPACE            | EPDM                     | VARIES                 |                                                             |
| 31                | TH4     | THRESHOLD                         | 4.000 X 0.500 X 0.140  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 32                | FL504   | DOOR JAMB                         | 2.500 X 5.000 X 0.094  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 33                | AS18    | FASTENER                          | #10 X 1–1/4" FPH       | STEEL                    | VARIES                 |                                                             |
| 34                | FL555   | OPEN BACK MULLION FILLER          | 0.681 X 4.670 X 0.080  | 6063–T6 ALUMINUM         | CORAL INDUSTRIES, INC. |                                                             |
| 35                | SR504   | STEEL REINFORCEMENT               | 4.562 X 1.250 X 0.250  | STEEL                    | VARIES                 | STEEL REINFORCEMENT FOR(32) (PRIMED RED OXIDE)              |

| GLAZING SCHEDULE                                                                       |              |            |                              |             |                               |
|----------------------------------------------------------------------------------------|--------------|------------|------------------------------|-------------|-------------------------------|
| GLASS DESCRIPTION                                                                      | MANUFACTURER | GLASS MARK | MAXIMUM D.L.O. SIZE (INCHES) | SQUARE FEET | MAXIMUM DESIGN PRESSURE (PSF) |
| 1-5/16" INSULATED -.25T X 1/2" ALUMINUM BOX SPACER X .25HS X .090 SENTRY GLAS• X .25HS | KURARAY      | ID         | 45-1/2" X 96"                | 30.33       | +/-55                         |
| 1-5/16" INSULATED -.25T X 1/2" ALUMINUM BOX SPACER X .25HS X .090 BUTICITE X .25HS     | KURARAY      | IB         | 45-1/2" X 84"                | 27.19       | +/-55                         |
| 1-5/16" INSULATED -.25T X 1/2" ALUMINUM BOX SPACER X .25HS X .090 SOLUTIA X .25HS      | SOLUTIA      | IE         | 45-1/2" X 84"                | 27.19       | +/-55                         |



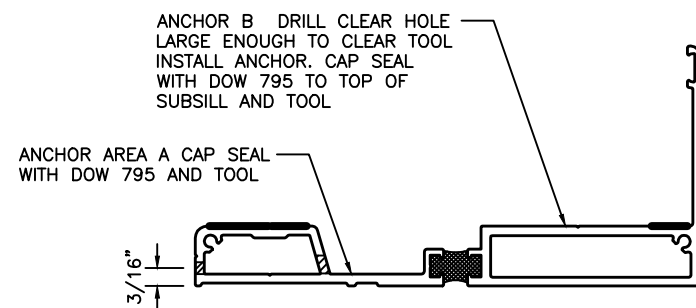




NOTE:  
FOR SINGLE WOOD BUCK APPLICATIONS,  
MINIMUM OF 1-1/2" THICK, ANCHORS  
MUST BE 6" ON CENTER.

## SUBSILL ANCHORING

SCALE: 1:2

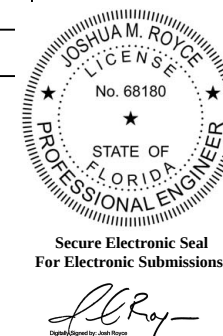


DRILL .25 WEEP HOLE  
6-3/4" FROM EACH  
SIDE OF  
VERTICAL/JAMBS  
2 HOLES PER DLO

16 SECTION  
9 SCALE: 1:2

| FL539 and FL539T Anchor types       |                                        |                                 |
|-------------------------------------|----------------------------------------|---------------------------------|
| Substrate                           | Anchor Type                            | Length based on 1/2" Shim space |
| Wood                                | #14 Pan Head Wood Screw                | 2 1/2"                          |
| Concrete                            | 3/8" LDT                               | 2 1/2"                          |
| Concrete                            | 1/4" Hex Head Tapcon                   | 3"                              |
| 18 GA Steel stud or 1/8" Hot Rolled | #14 Hex or Pan Head Tek or 1/4" Type F | 2"                              |
| Steel hot rolled                    | #14 Hex or Pan Head Tek or 1/4" Type F | 2"                              |
| Steel hot rolled                    | 3/8" Bolt nut and washers              | 2"                              |
| Steel hot rolled                    | 3/8" Type F or standard SAE and Tap    | 2"                              |
| Wood                                | #14 Pan Head Wood Screw                | 1 3/4"                          |
|                                     |                                        |                                 |
|                                     |                                        |                                 |

ALL ANCHORS CALLED OUT ABOVE  
ARE BASED ON MAXIMUM OF 1/2"  
SHIM SPACE. SHIM SPACE BEYOND  
1/2" IS NOT RECOMMENDED  
NOR APPROVED BY THIS DOCUMENT.



16

9

DESCRIPTION

DATE

8/22/2016

DRAWN

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EAB

PROJECT NO.

DRAWING NO.

FL550T\_02

SHEET

9 OF 14

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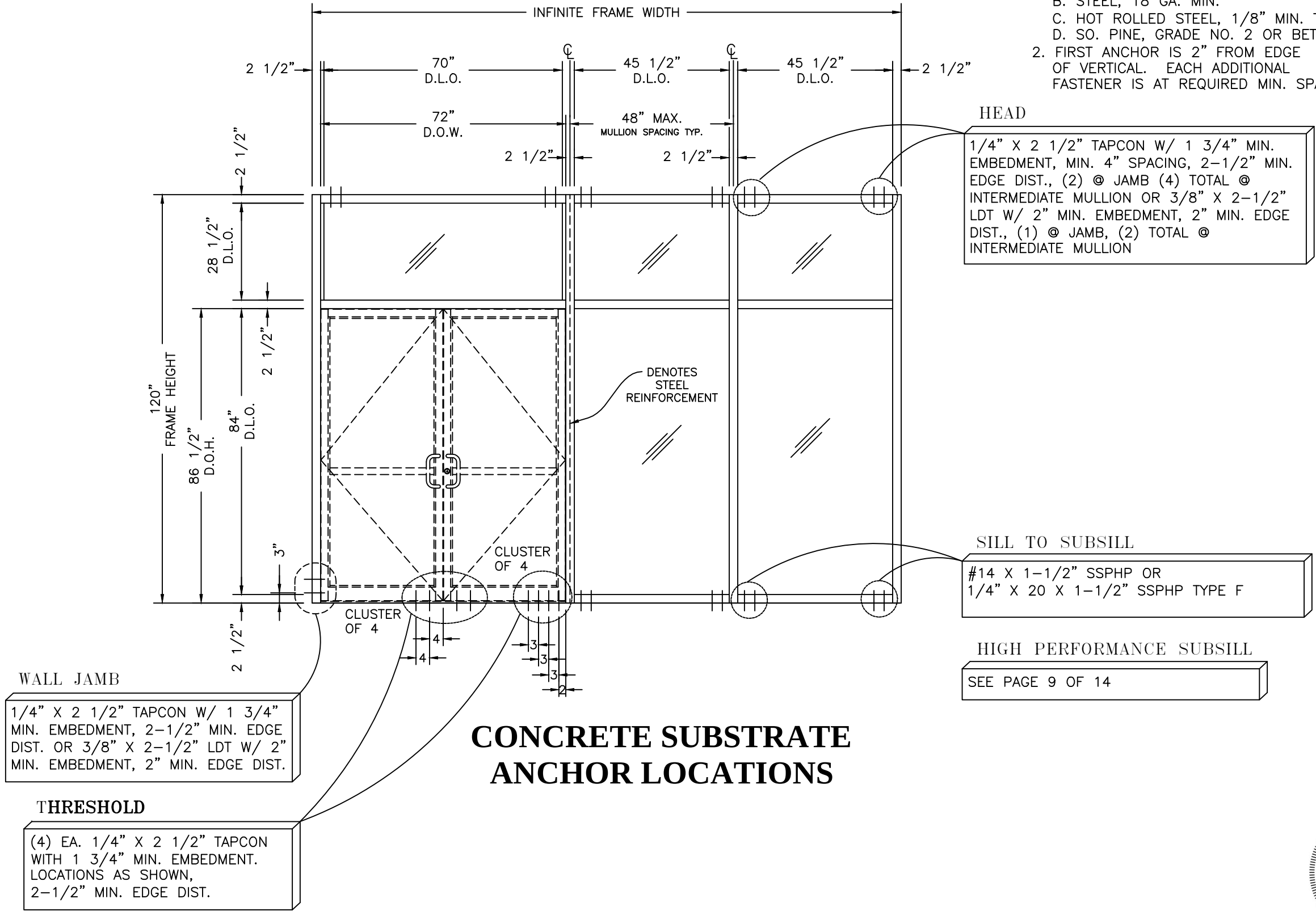
3010 RICE MINE ROAD, TUSCALOOSA, AL 35406

PHONE: 800-772-7737 FAX: 800-255-7320

PRODUCT APPROVAL FOR FL550T

LARGE MISSILE WET GLAZE SYSTEM

FRAMING DETAILS



- PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
    - A. 2500 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.

**HEAD**

1/4" X 2 1/2" TAPCON W/ 1 3/4" MIN. EMBEDMENT, MIN. 4" SPACING, 2-1/2" MIN. EDGE DIST., (2) @ JAMB (4) TOTAL @ INTERMEDIATE MULLION OR 3/8" X 2-1/2" LDT W/ 2" MIN. EMBEDMENT, 2" MIN. EDGE DIST., (1) @ JAMB, (2) TOTAL @ INTERMEDIATE MULLION

**SILL TO SUBSILL**

#14 X 1-1/2" SSPHP OR 1/4" X 20 X 1-1/2" SSPHP TYPE F

**HIGH PERFORMANCE SUBSILL**

SEE PAGE 9 OF 14

**WALL JAMB**

1/4" X 2 1/2" TAPCON W/ 1 3/4" MIN. EMBEDMENT, 2-1/2" MIN. EDGE DIST. OR 3/8" X 2-1/2" LDT W/ 2" MIN. EMBEDMENT, 2" MIN. EDGE DIST.

**THRESHOLD**

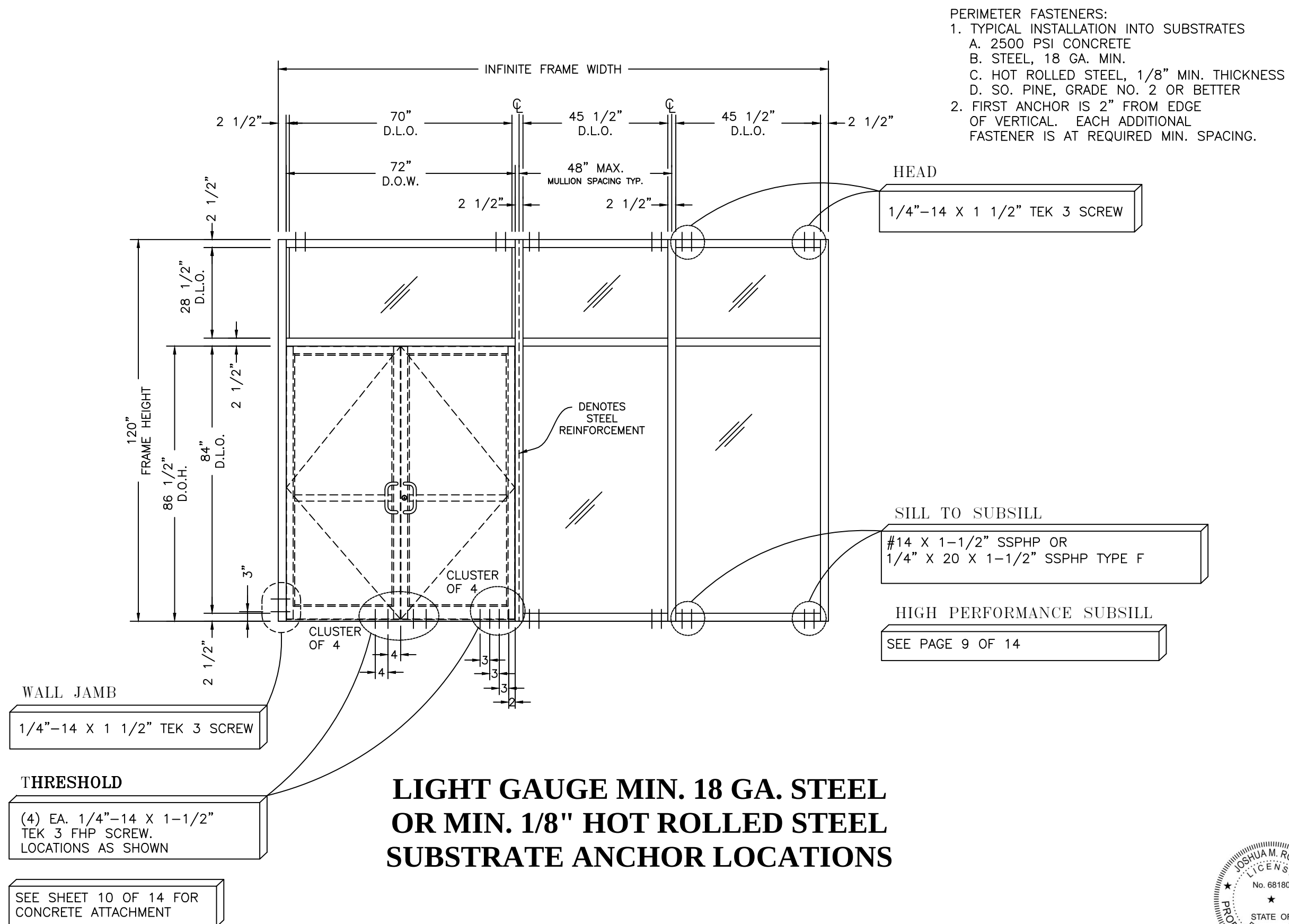
(4) EA. 1/4" X 2 1/2" TAPCON WITH 1 3/4" MIN. EMBEDMENT. LOCATIONS AS SHOWN, 2-1/2" MIN. EDGE DIST.

## CONCRETE SUBSTRATE ANCHOR LOCATIONS



|                                                            |           |                                                                                    |
|------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|
| Coral Architectural Products                               |           | 3010 RICE MINE ROAD, TUSCALOOSA, AL 35406<br>PHONE: 800-772-7737 FAX: 800-255-7320 |
| PRODUCT APPROVAL FOR FL550T LARGE MISSILE WET GLAZE SYSTEM |           | CONCRETE SUBSTRATE ANCHOR LOCATIONS                                                |
| DATE                                                       | 8/22/2016 |                                                                                    |
| DRAWN                                                      | CHECKED   | APPROVED                                                                           |
| DEG                                                        | WSS       | EAB                                                                                |
| PROJECT NO.                                                |           |                                                                                    |
| DRAWING NO.                                                |           |                                                                                    |
| FL550T_02                                                  |           |                                                                                    |
| SHEET                                                      |           |                                                                                    |
| 10 OF 14                                                   |           |                                                                                    |





- PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
    - A. 2500 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.

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PRODUCT APPROVAL FOR FL550T  
LARGE MISSILE WET GLAZE SYSTEM

LIGHT GAUGE STEEL SUBSTRATE  
ANCHOR LOCATIONS

JOSHUA M. ROYCE  
LICENSE  
No. 68180  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

Secure Electronic Seal  
For Electronic Submissions

*JMR*

|             |  |         |           |          |  |
|-------------|--|---------|-----------|----------|--|
| DATE        |  |         | 8/22/2016 |          |  |
| DRAWN       |  | CHECKED |           | APPROVED |  |
| DEG         |  | WSS     |           | EAB      |  |
| PROJECT NO. |  |         |           |          |  |
| DRAWING NO. |  |         |           |          |  |
| FL550T_02   |  |         |           |          |  |
| SHEET       |  |         |           |          |  |
| 12 OF 14    |  |         |           |          |  |



