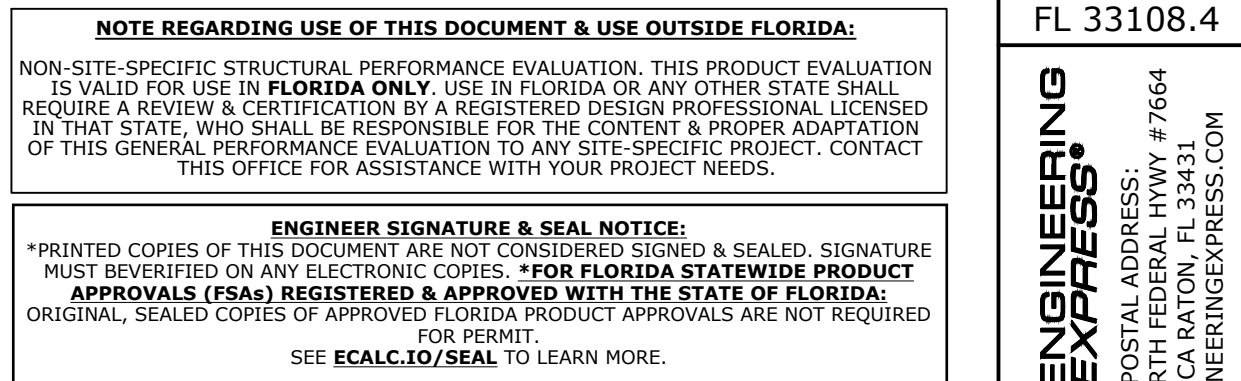


FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

AUGUST 10, 2026

Digitally signed by  
Frank Bennardo  
Date: 2026.08.20  
11:18:06 -04'00'



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>1. THE SYSTEM AND GLASS TYPES DESCRIBED HEREIN COMPLY AND HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 9TH EDITION (2026) PER</p> <p>a. ASTM E330, E331, E283, E1886, E1996</p> <p>b. TAS 201 / 202 / 203</p> <p>c. AAMA 501</p> <p>d. ANSI Z97.1 (400 ft-LB IMPACT)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <p>2. FOR USE <b>WITHIN AND OUTSIDE</b> THE HIGH VELOCITY HURRICANE ZONE (HVHZ).</p>                                                                                                                                                                                                                                                                                                                                                               |  |
| <p>3. GLASS UNIT(S) SHALL ME THE REQUIREMENTS OF ASTM E-1300.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <p>4. DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.</p>                                                                                                                                                                                                                                                                                                                                      |  |
| <p>5. 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. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <p>6. 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.</p>                                                                                                                                              |  |
| <p>7. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <p>8. FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.7.2 BY THE ALUMINUM ASSOCIATION, INC., &amp; ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.</p>                                                                                                                                                                                   |  |
| <p>9. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <p>10. ENGINEER SEAL AFFIXED HERETO VALIDATE STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES &amp; SAVES HARMLESS THIS ENGINEER FOR ALL COST &amp; DAMAGES INCLUDING LEGAL FEES &amp; APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, &amp; CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, &amp; FEDERAL CODES &amp; FROM DEVIATIONS OF THIS PLAN.</p> |  |
| <p>11. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <p>12. PRESSURE VALUES ON THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES.</p>                                                                                                                                                                                                                                                                                                                                                                  |  |
| <p>13. ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <p>14. SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION)</p>                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <p>15. IF SLOPED GLAZING IS NEEDED, IT SHALL BE ALLOWED UNDER SITE SPECIFIC ENGINEERING. DESIGN MUST BE CHECKED AND APPROVED BY A PROFESSIONAL ENGINEER AND THE MANUFACTURER(S).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <p>16. UNITS SHALL BE LABELED IN ACCORDANCE WITH THE FLORIDA BUILDING COMMISSION AND THE FLORIDA DEPARTMENT OF BUSINESS &amp; PROFESSIONAL REGULATION SPECIFICATION.</p>                                                                                                                                                                                                                                                                           |  |
| <p>17. FOR PERMANENT OUTDOOR INSTALLATIONS, ALL EXPOSED ANCHORS, FASTENERS, CONNECTORS, AND METAL PLATES SHALL BE CORROSION RESISTANT. CORROSION RESISTANCE MAY BE PROVIDED BY INHERENT MATERIAL COMPOSITION OR, WHERE PERMITTED BY CODE, BY AN APPROVED PROTECTIVE COATING OR GALVANIZATION. WHERE APPLICABLE NEAR A SALTWATER COASTLINE, SUCH COMPONENTS SHALL COMPLY WITH FBC SECTION 1711, INCLUDING APPLICABLE REQUIREMENTS FOR EXPOSED, PROTECTED, OR ENCLOSED CONDITIONS. MATERIALS, COATINGS, AND FINISHES SHALL BE COMPATIBLE WITH CONNECTED MATERIALS, AND PROTECTIVE COATINGS SHALL BE CONTINUOUS OVER EXPOSED SURFACES. FASTENERS USED WITH ALUMINUM MEMBERS SHALL ALSO COMPLY WITH SECTION J.3.7.2 OF THE ALUMINUM DESIGN MANUAL, "SPECIFICATION FOR ALUMINUM STRUCTURES." SUBSTITUTION OF COMPONENTS FROM ALTERNATE MANUFACTURERS, OR WITH DIFFERENT MATERIALS, COATINGS, OR FINISHES, SHALL NOT BE ASSUMED EQUIVALENT AND MAY REQUIRE ADDITIONAL ENGINEERING REVIEW OR SITE-SPECIFIC ANALYSIS.</p> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |

|                               |                      |         |      |
|-------------------------------|----------------------|---------|------|
| REMARKS                       | DATE                 | CHKO    | DRWN |
|                               | 2020 FBC (19-20199)  | JPC AJP |      |
|                               | 2023 FBC (23-59835a) | SQ RS   |      |
|                               | 2026 FBC UPDATE      | AEG RS  |      |
| COPYRIGHT ENGINEERING EXPRESS |                      |         |      |
| 26-101740                     |                      |         |      |
| SCALE: NTS UNLESS NOTED       |                      |         |      |
| 01                            |                      |         |      |

**VISIT [ECALC.IO/101740](https://www.ecalc.io/101740)**  
 FOR SITE-SPECIFIC DEVIATIONS  
 & MORE INFORMATION ABOUT THIS DOCUMENT  
 OR SCAN THIS QR CODE

**VISIT [ENGINEERINGEXPRESS.COM/STORE](https://www.EngineeringExpress.com/Store)**  
 FOR ADDITIONAL PLANS, REPORTS & RESOURCES



ELEVATIONS DRAWING FOR Reliance<sup>TM</sup> StormMax<sup>®</sup> HIGH PERFORMANCE IMPACT  
RESISTANT CAPTURED CURTAIN WALL SYSTEM

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4

ENGINEERING  
EXPRESS<sup>®</sup>

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE<sup>®</sup>

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELANCE<sup>TM</sup> STORMMAX<sup>®</sup> HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

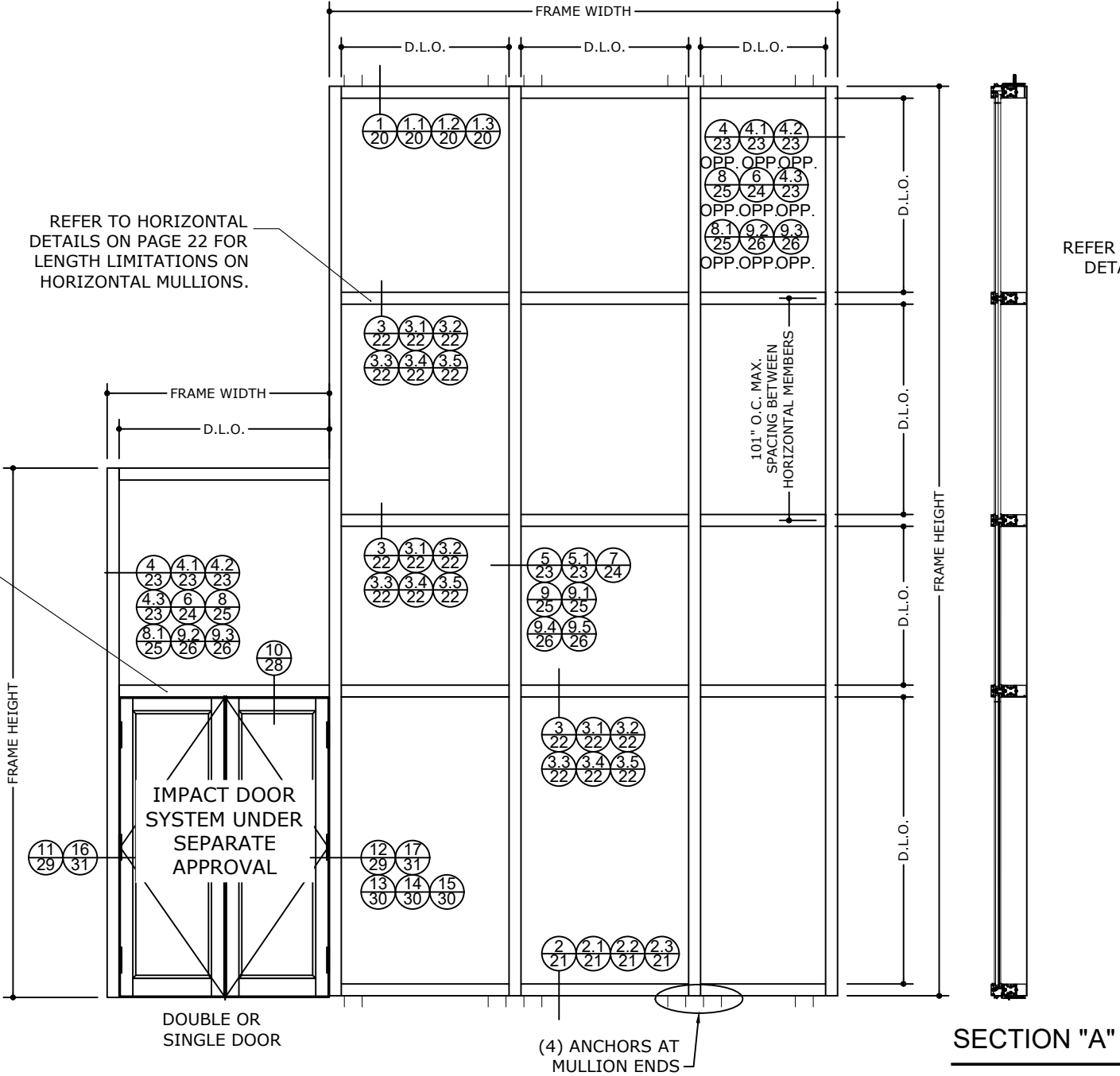
| REMARKS              | DATE     | DRWN | CHKD |
|----------------------|----------|------|------|
| 2020 FBC (19-20199)  | 08/13/20 | JPC  | AJP  |
| 2023 FBC (23-59835a) | 08/16/23 | SQ   | RS   |
| 2026 FBC UPDATE      | 08/10/26 | AEG  | RS   |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |

COPYRIGHT ENGINEERING EXPRESS<sup>®</sup>

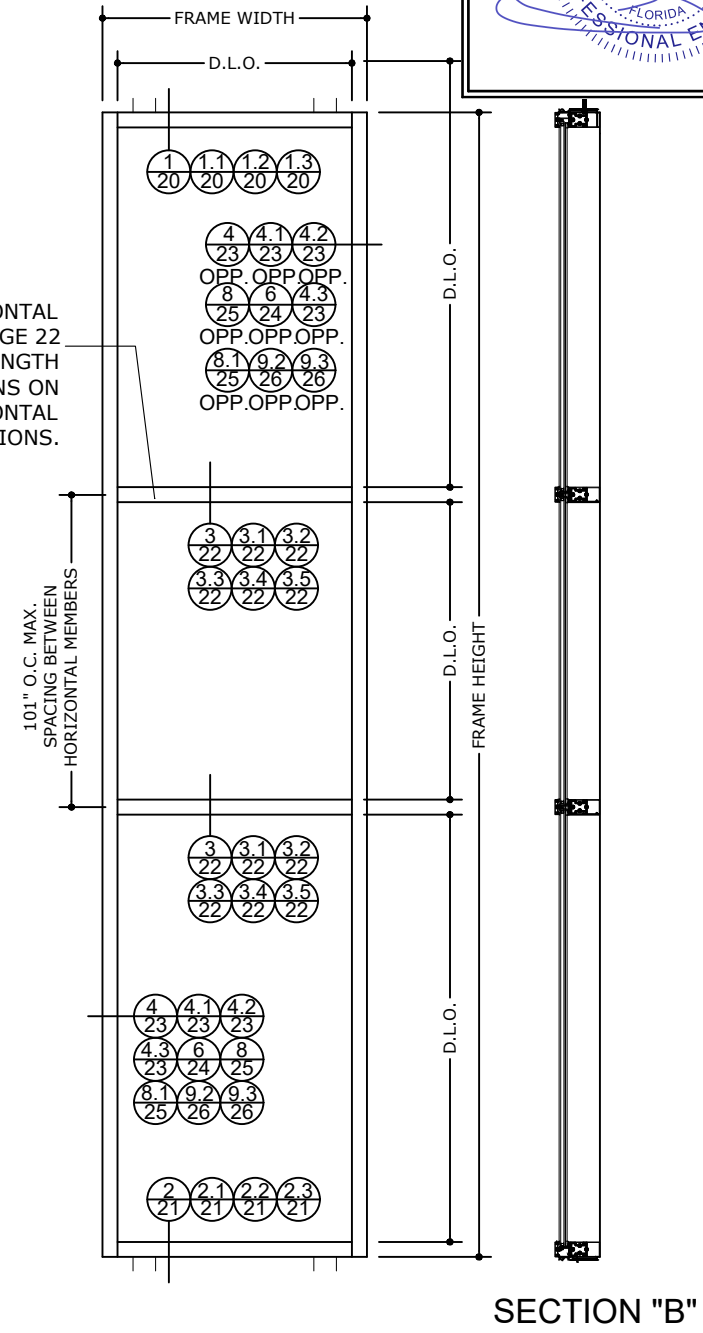
26-101740

SCALE: NTS UNLESS NOTED

02 OF 37



TYPICAL CURTAIN WALL ELEVATION



TYPICAL SINGLE PANEL OPENING

\* LIMITING DIMENSIONS HEREIN  
CAN DIFFER UNDER SITE SPECIFIC  
ENGINEERING AND SHALL BE  
APPROVED BY THE AUTHORITY  
HAVING JURISDICTION (AHJ)

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

- STEP ①: USE THE GLASS LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.
- STEP ②: USE THE MULLION LOADING TABLE TO DETERMINE THE ALLOWABLE PRESSURES FOR THE MULLIONS.  
NOTE: TO DETERMINE THE LOADS OF THE JAMB MULLIONS SEE DIAGRAM ON PAGE 8.
- STEP ③: SEE FASTENER TYPES AND PRESSURES ON SHEET 19.
- STEP ④: THE MINIMUM VALUE BETWEEN STEP ①, STEP ②, AND ③ WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE CURTAIN WALL SYSTEM

WATER INFILTRATION NOTE:

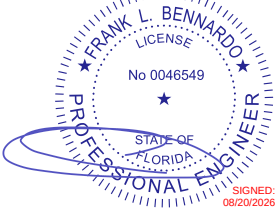
WATER RESISTANCE PER TAS 202 AND ASTM E331 = 15 P.S.F

FRAME SIZE FOR SINGLE OPENINGS SHALL BE  
GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O.  
DIMENSIONS DISPLAYED ON THE GLASS CHARTS



GLASS LOADING TABLES - MISSILE LEVEL "D"

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



FL

FL 33108.4

| GLASS TYPES        |                   | G4A G12<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|--------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                   |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                            | (-) P.S.F |
| 72                 | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
|                    | 54                | 80                                   | 80        |
|                    | 57                | 80                                   | 80        |
|                    | 60                | 76                                   | 76        |
|                    | 66                | 69                                   | 69        |
|                    | 72                | 63                                   | 63        |
| 78                 | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
|                    | 54                | 80                                   | 80        |
|                    | 57                | 80                                   | 80        |
|                    | 60                | 76                                   | 76        |
| 84                 | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
|                    | 54                | 80                                   | 80        |
|                    | 57                | 79                                   | 79        |
|                    | 60                | 76                                   | 76        |

| GLASS TYPES        |                   | G4A G12<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|--------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                   |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                            | (-) P.S.F |
| 90                 | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
|                    | 54                | 80                                   | 80        |
|                    | 57                | 80                                   | 80        |
|                    | 60                | 76                                   | 76        |
| 96                 | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
| 102                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
| 108                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |

NOTE:  
D.L.O. WIDTH AND HEIGHT  
DIMENSIONS CAN BE REVERSED.



ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

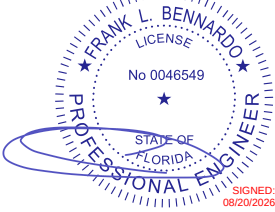
26-101740

SCALE: NTS UNLESS NOTED

04<sup>OF 37</sup>

GLASS LOADING TABLES - MISSILE LEVEL "D"

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



FL

FL 33108.4

| GLASS TYPES        |                   | G4A G12<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|--------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                   |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                            | (-) P.S.F |
| 114                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
|                    | 48                | 80                                   | 80        |
| 120                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
| 126                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
|                    | 42                | 80                                   | 80        |
| 132                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |

| GLASS TYPES        |                   | G4A G12<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|--------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                   |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                            | (-) P.S.F |
| 138                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
| 144                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
| 150                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
|                    | 36                | 80                                   | 80        |
| 156                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
| 162                | 24                | 80                                   | 80        |
|                    | 30                | 80                                   | 80        |
| 186                | 24                | 80                                   | 80        |
| 192                | 24                | 80                                   | 80        |



POSTAL ADDRESS:  
2234 NORTH FEDERAL HYWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

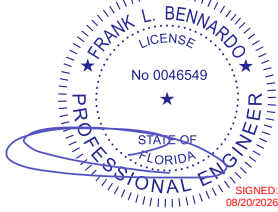
26-101740

SCALE: NTS UNLESS NOTED

NOTE:  
D.L.O. WIDTH AND HEIGHT  
DIMENSIONS CAN BE REVERSED.

GLASS LOADING TABLES - MISSILE LEVEL "D" OR "E"

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



FL

FL 33108.4

| GLASS TYPES        |                   | G9 G14<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|-------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                  |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                           | (-) P.S.F |
| 72                 | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
|                    | 54                | 92                                  | 92        |
|                    | 57                | 92                                  | 92        |
|                    | 60                | 88                                  | 88        |
|                    | 66                | 80                                  | 80        |
|                    | 72                | 73                                  | 73        |
| 78                 | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
|                    | 54                | 92                                  | 92        |
|                    | 57                | 92                                  | 92        |
|                    | 60                | 88                                  | 88        |
| 84                 | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
|                    | 54                | 92                                  | 92        |
|                    | 57                | 92                                  | 92        |
|                    | 60                | 88                                  | 88        |

| GLASS TYPES        |                   | G9 G14<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|-------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                  |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                           | (-) P.S.F |
| 90                 | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
|                    | 54                | 92                                  | 92        |
|                    | 57                | 92                                  | 92        |
|                    | 60                | 88                                  | 88        |
| 96                 | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
| 102                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
| 108                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |

NOTE:  
D.L.O. WIDTH AND HEIGHT  
DIMENSIONS CAN BE REVERSED.



POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

06 OF 37

GLASS LOADING TABLES - MISSILE LEVEL "D" OR "E"

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4

| GLASS TYPES        |                   | G9 G14<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|-------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                  |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                           | (-) P.S.F |
| 114                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
|                    | 48                | 92                                  | 92        |
| 120                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
| 126                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
|                    | 42                | 92                                  | 92        |
| 132                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |

| GLASS TYPES        |                   | G9 G14<br>LOADING CHART<br>(L.M.I.) |           |
|--------------------|-------------------|-------------------------------------|-----------|
|                    |                   | ALLOWABLE PRESSURE                  |           |
| D.L.O. HEIGHT (in) | D.L.O. WIDTH (in) | (+) P.S.F                           | (-) P.S.F |
| 138                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
| 144                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
| 150                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
|                    | 36                | 92                                  | 92        |
| 156                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
| 162                | 24                | 92                                  | 92        |
|                    | 30                | 92                                  | 92        |
| 186                | 24                | 92                                  | 92        |
| 192                | 24                | 92                                  | 92        |

NOTE:  
D.L.O. WIDTH AND HEIGHT  
DIMENSIONS CAN BE REVERSED.

ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

07 OF 37

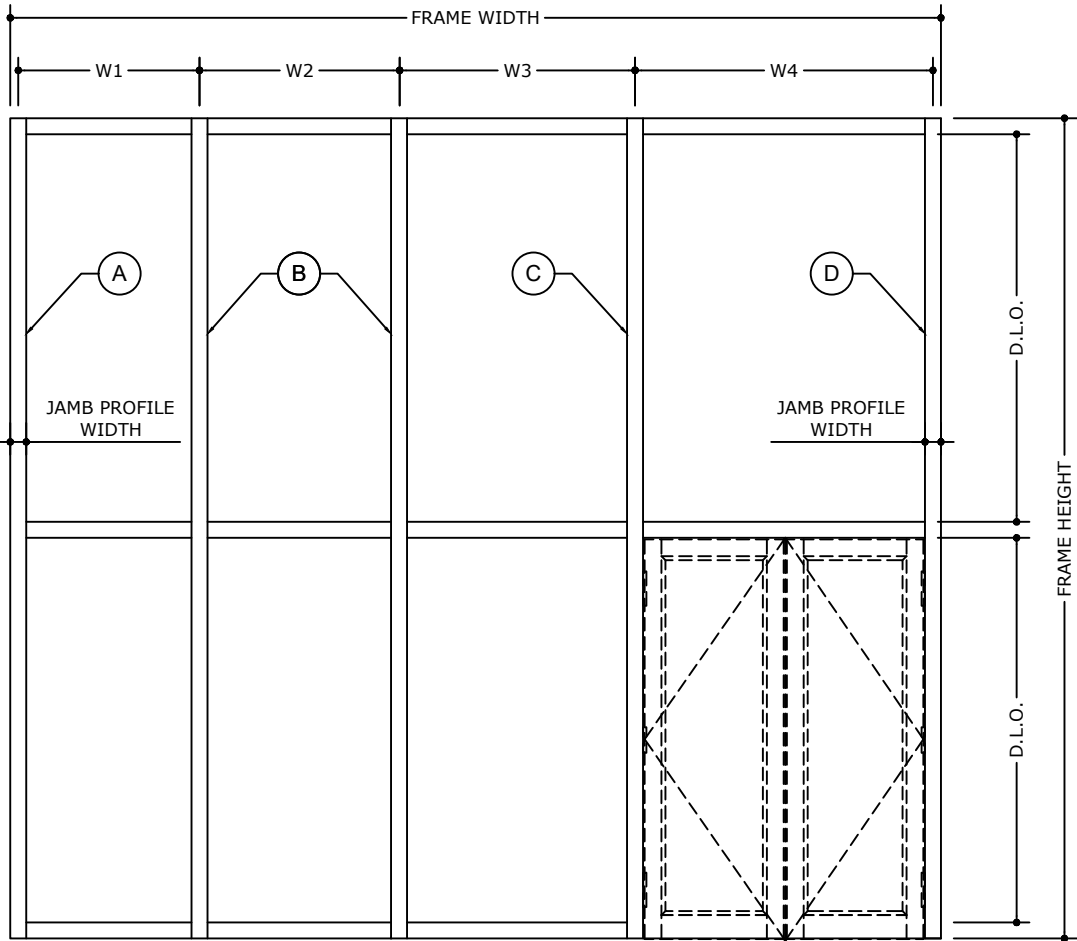
SINGLE SPAN MULLION LOAD DETERMINATION

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

AUGUST 10, 2026

FL 33108.4



LOAD DETERMINATION

TRIBUTARY WIDTH A =  $\frac{W1}{2} + 1/2"$  JAMB PROFILE WIDTH  
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH B = LARGER OF  $\frac{W1 + W2}{2}$  OR  $\frac{W2 + W3}{2}$   
(FOR STANDARD MULLION)

TRIBUTARY WIDTH C =  $\frac{W3 + W4}{2}$   
(FOR INTERMEDIATE DOOR MULLION)

TRIBUTARY WIDTH D =  $\frac{W4}{2} + 1/2"$  JAMB PROFILE WIDTH  
(FOR DOOR JAMB MULLION )

- A

E

I

JAMB MULLION
- B

F

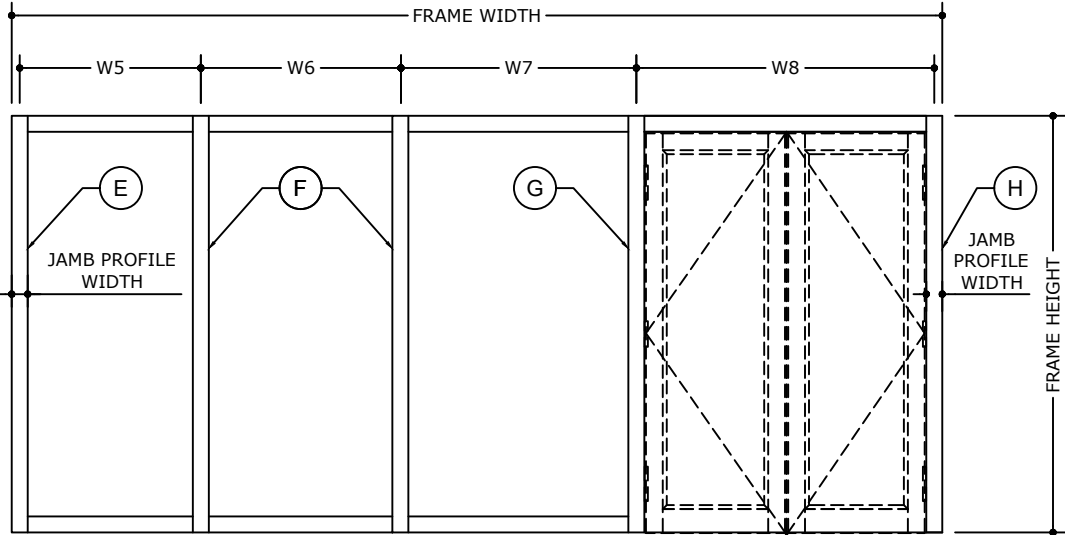
STANDARD MULLION
- C

G

DOOR JAMB INTERMEDIATE MULLION
- D

H

DOOR JAMB MULLION



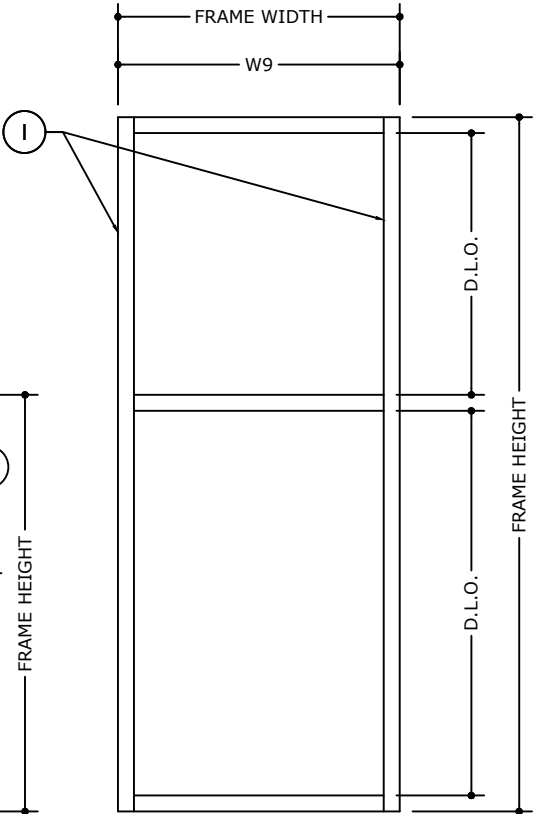
LOAD DETERMINATION

TRIBUTARY WIDTH E =  $\frac{W5}{2} + 1/2"$  JAMB PROFILE WIDTH  
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH F = LARGER OF  $\frac{W5 + W6}{2}$  OR  $\frac{W6 + W7}{2}$   
(FOR STANDARD MULLION)

TRIBUTARY WIDTH G =  $\frac{W7}{2} + \frac{W8}{4}$   
(FOR INTERMEDIATE DOOR MULLION)

TRIBUTARY WIDTH H =  $\frac{W8}{4} + 1/2"$  JAMB PROFILE WIDTH  
(FOR DOOR JAMB MULLION )



LOAD DETERMINATION

TRIBUTARY WIDTH I =  $\frac{W9}{2}$   
(FOR STANDARD JAMB MULLION)

ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEQ  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

08 OF 37

Reliance™ StormMax® HIGH PERFORMANCE SINGLE SPAN MULLION

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4

**ENGINEERING**  
**EXPRESS®**

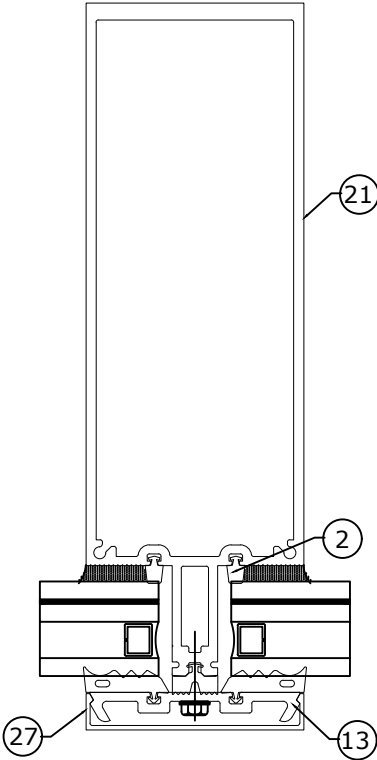
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

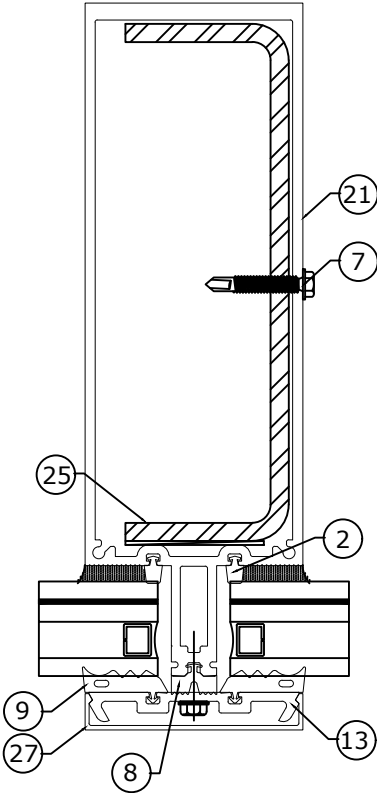
RELANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |



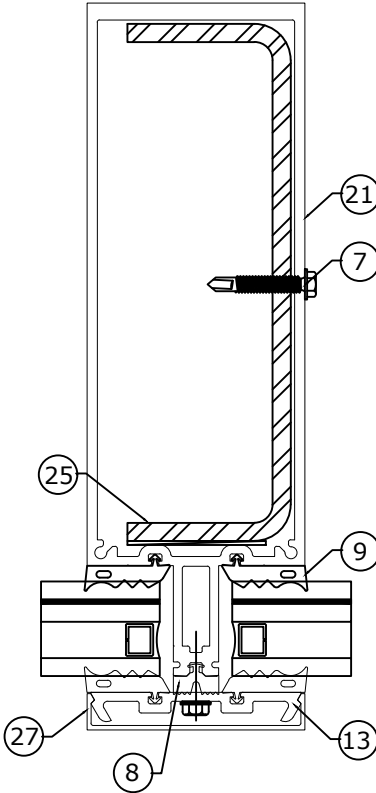
**M1**  
Ix= 34.8107 in4  
Sx= 7.1339 in3  
IN TERMS OF ALUMINUM  
WET GLAZED ONLY  
MISSILE LEVEL D OR E

REF. DETAIL 5 ON 23



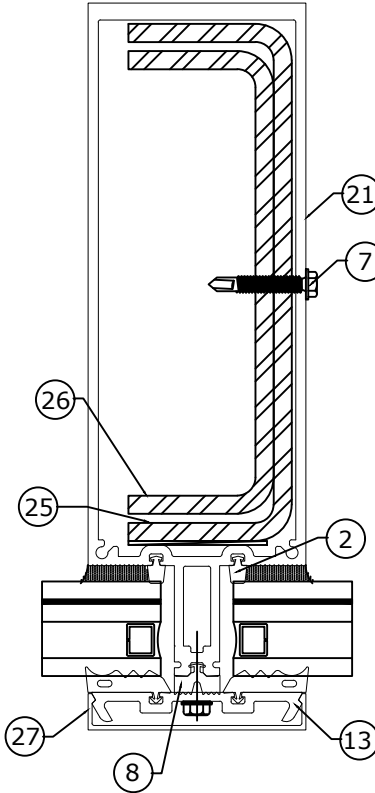
**M2**  
Ix= 90.7837 in4  
Sx= 17.1876 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 5 ON 23



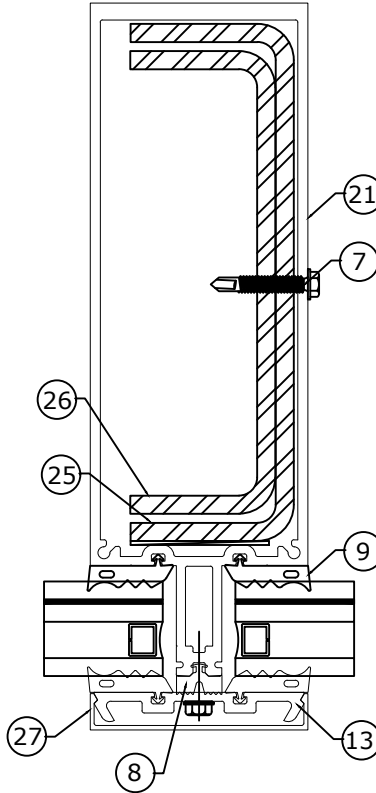
**M2**  
Ix= 90.7837 in4  
Sx= 17.1876 in3  
IN TERMS OF ALUMINUM  
DRY GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 5.1 ON 23



**M3**  
Ix= 130.3060 in4  
Sx= 24.3435 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 5 ON 23



**M3**  
Ix= 130.3060 in4  
Sx= 24.3435 in3  
IN TERMS OF ALUMINUM  
DRY GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 5.1 ON 23

NOTE:  
REINFORCEMENT MEMBERS  
MUST BE SHIMMED TIGHT.

Reliance™ StormMax® HIGH-PERFORMANCE SINGLE SPAN JAMB

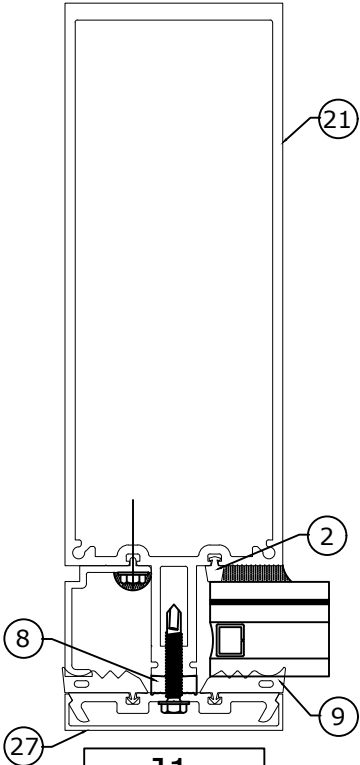
FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FRANK L. BENNARDO  
LICENSE  
No 0046549  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
SIGNED:  
08/20/2026

FL

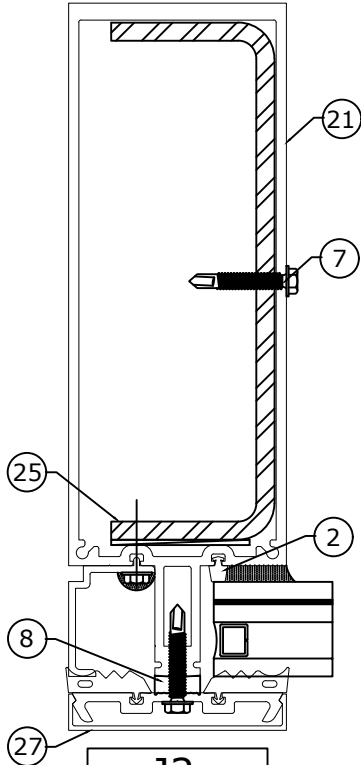
AUGUST 10, 2026

FL 33108.4



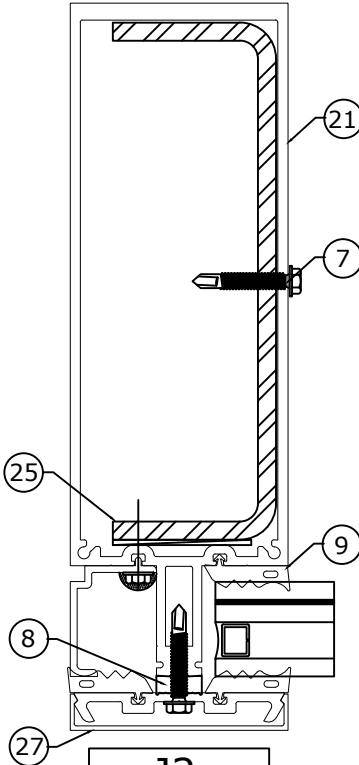
**J1**  
Ix= 34.8107 in4  
Sx= 7.1339 in3  
IN TERMS OF ALUMINUM  
WET GLAZED ONLY  
MISSILE LEVEL D OR E

REF. DETAIL 4 ON 23



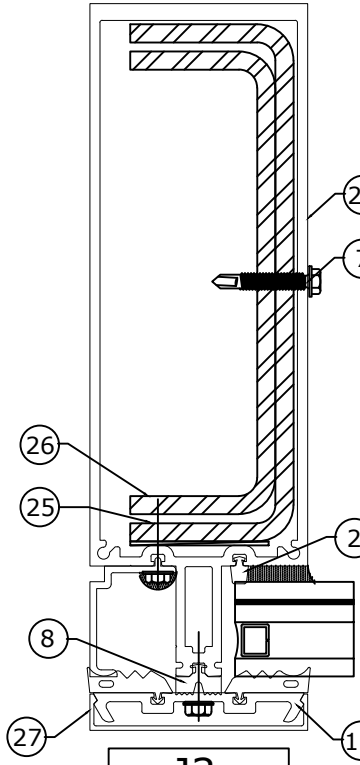
**J2**  
Ix= 90.7837 in4  
Sx= 17.1876 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 4 ON 23



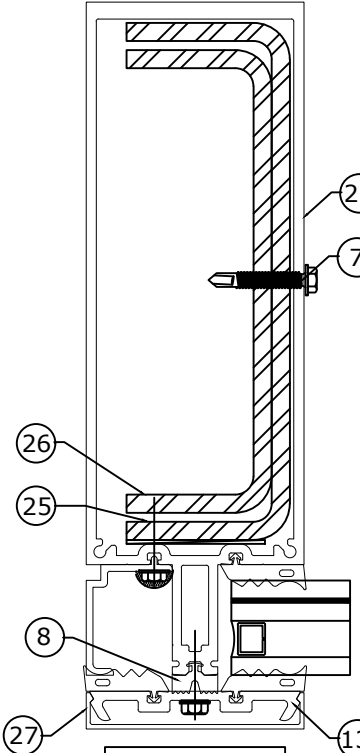
**J2**  
Ix= 90.7837 in4  
Sx= 17.1876 in3  
IN TERMS OF ALUMINUM  
DRY GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 4.1 ON 23



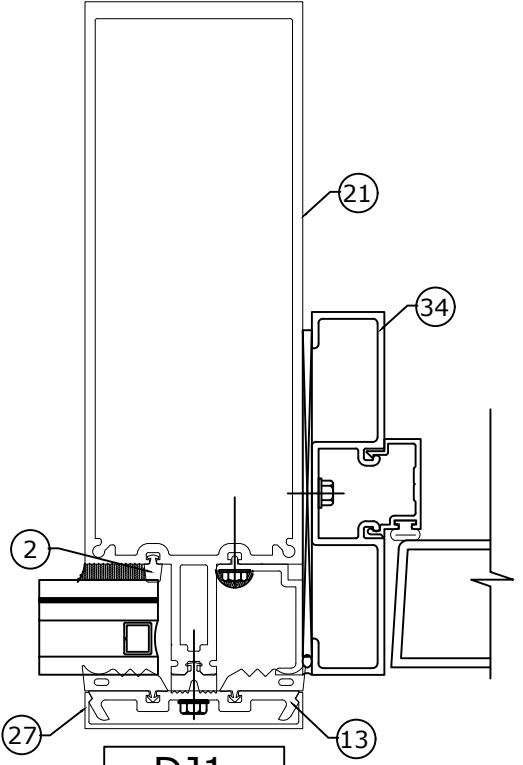
**J3**  
Ix= 130.3060 in4  
Sx= 24.3435 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 4 ON 23



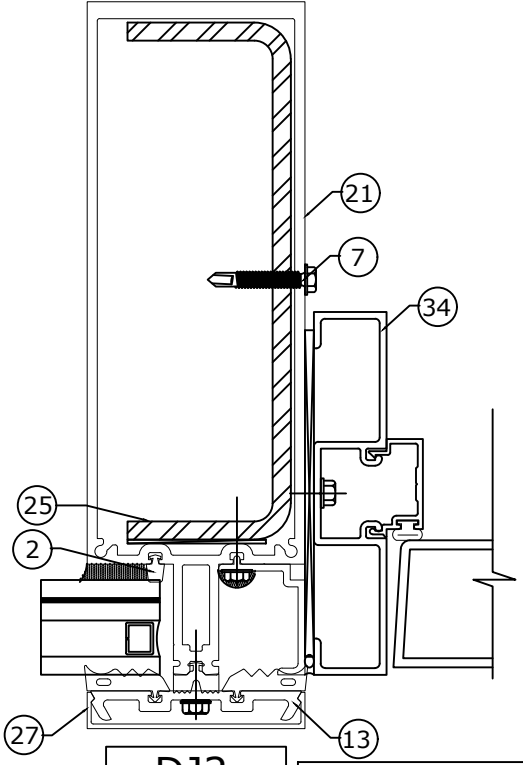
**J3**  
Ix= 130.3060 in4  
Sx= 24.3435 in3  
IN TERMS OF ALUMINUM  
DRY GLAZED  
MISSILE LEVEL D OR E

REF. DETAIL 4.1 ON 23



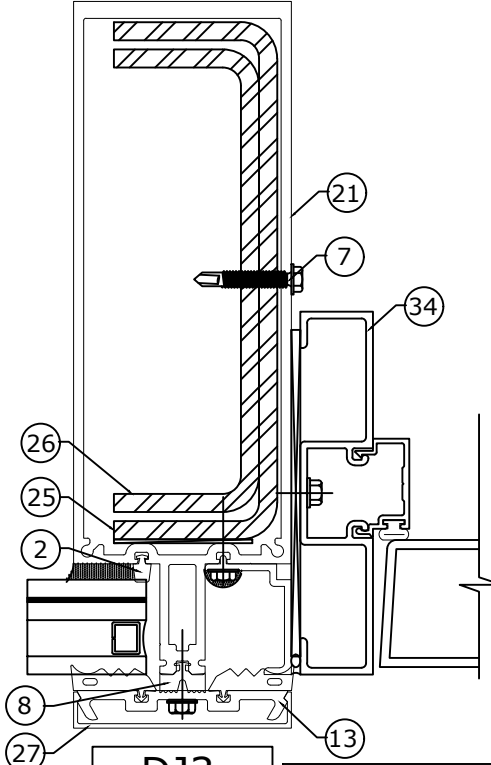
**DJ1**  
Ix= 34.8107 in4  
Sx= 7.1339 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D ONLY

REF. DETAIL 4 ON 23



**DJ2**  
Ix= 90.7837 in4  
Sx= 17.1876 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D ONLY

REF. DETAIL 4 ON 23



**DJ3**  
Ix= 130.3060 in4  
Sx= 24.3435 in3  
IN TERMS OF ALUMINUM  
WET GLAZED  
MISSILE LEVEL D ONLY

REF. DETAIL 4 ON 23

NOTE:  
REINFORCEMENT MEMBERS  
MUST BE SHIMMED TIGHT.

**ENGINEERING  
EXPRESS®**

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

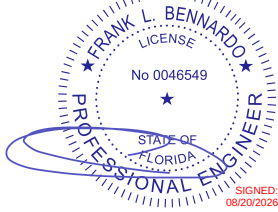
COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

9 Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

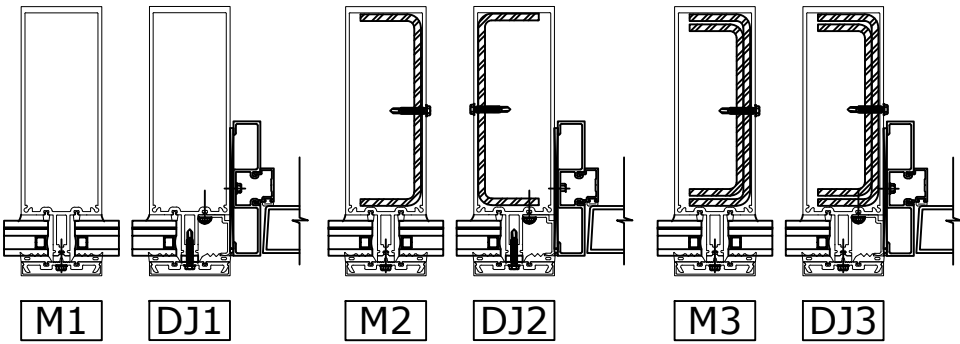


FL

AUGUST 10, 2026

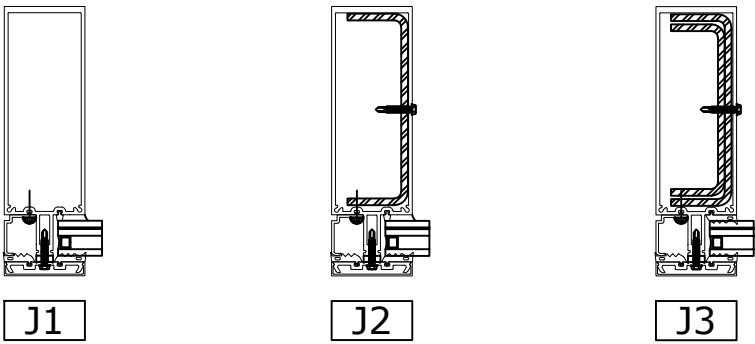
MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           | MULLION TYPE |           | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|
|                                      |                         | M1 - DJ1     |           | M2 - DJ2     |           | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F |
| 104                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 72                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 78                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 84                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 90                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 96                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 99                      | -            | -         | 92           | 92        | 92           | 92        |
| 108                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 72                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 78                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 84                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 90                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 96                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 99                      | -            | -         | 92           | 92        | 92           | 92        |
| 120                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 72                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 78                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 84                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 90                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 96                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 99                      | -            | -         | 92           | 92        | 92           | 92        |



MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                   |                         | J1        |           | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 104                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 42                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 48                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 51                      | 70        | 70        | 92        | 92        | 92        | 92        |
| 108                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 42                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 48                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 51                      | 70        | 70        | 92        | 92        | 92        | 92        |
| 120                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 42                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |



FL 33108.4



POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

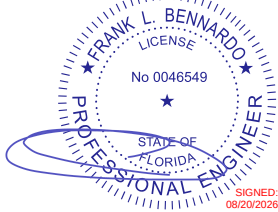
SCALE: NTS UNLESS NOTED

11

OF 37

9 Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



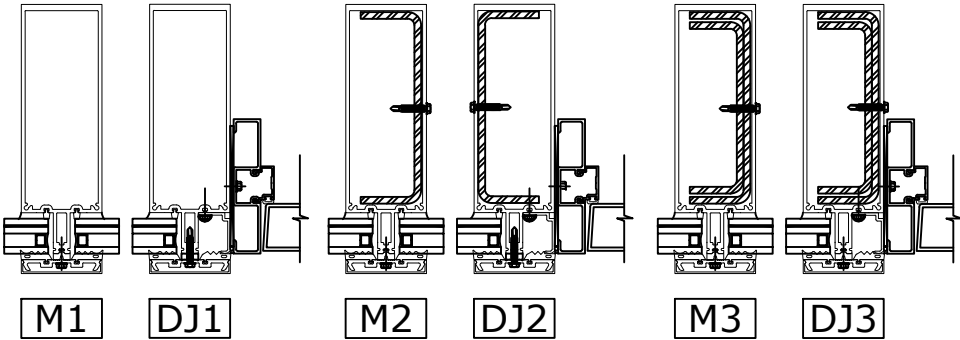
FL

AUGUST 10, 2026

FL 33108.4

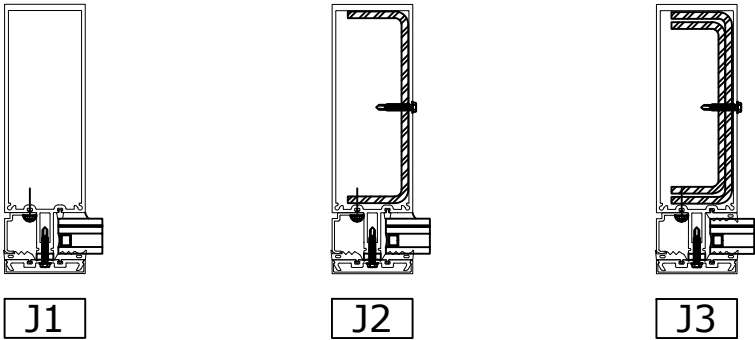
MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           | MULLION TYPE |           | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|
|                                      |                         | M1 - DJ1     |           | M2 - DJ2     |           | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F |
| 126                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 72                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 78                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 84                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 90                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 96                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 99                      | -            | -         | -            | -         | 92           | 92        |
|                                      |                         |              |           |              |           |              |           |
| 138                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 72                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 78                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 84                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 90                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 96                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 99                      | -            | -         | -            | -         | 92           | 92        |
|                                      |                         |              |           |              |           |              |           |
| 144                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 78                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 84                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 90                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 96                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 99                      | -            | -         | -            | -         | 92           | 92        |
|                                      |                         |              |           |              |           |              |           |



MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                   |                         | J1        |           | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 126                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 42                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   |                         |           |           |           |           |           |           |
| 138                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   |                         |           |           |           |           |           |           |
| 144                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   |                         |           |           |           |           |           |           |





ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

REMARKS  
2020 FBC (19-20199)  
2023 FBC (23-59835a)  
2026 FBC UPDATE

DATE  
08/13/20  
08/16/23  
08/10/26

DRWN CHKO  
JPC AJP  
SQ RS  
AEG RS

26-101740

COPYRIGHT ENGINEERING EXPRESS®

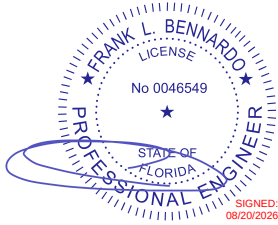
SCALE: NTS UNLESS NOTED

12 OF 37

9 Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

\* MULLION/JAMB SHALL BE IN INSTALLED WITH A MINIMUM OF 1 HORIZONTALS FOR LATERAL BRACING PURPOSES.  
\*\* MULLION/JAMB SHALL BE IN INSTALLED WITH A MINIMUM OF 2 HORIZONTALS FOR LATERAL BRACING PURPOSES.

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



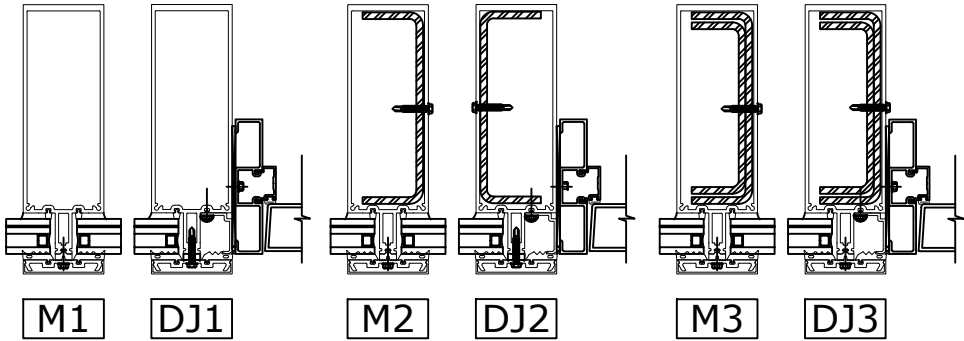
SIGNED:  
08/20/2026

FL

AUGUST 10, 2026

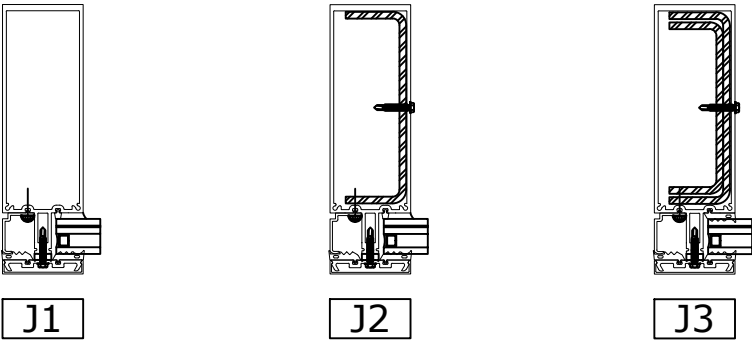
MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           | MULLION TYPE |           | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|
|                                      |                         | M1 - DJ1     |           | M2 - DJ2     |           | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F |
| 156                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 78                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 84                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 90                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 96                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 99                      | -            | -         | -            | -         | 92           | 92        |
| 162                                  | 60                      | 70           | 70        | 92           | 92        | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 78                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 84                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 90                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 96                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 99                      | -            | -         | -            | -         | 90           | 90        |
| 168                                  | 60                      | 70*          | 70*       | 92           | 92        | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 78                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 84                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 90                      | -            | -         | -            | -         | 91           | 91        |
|                                      | 96                      | -            | -         | -            | -         | 87           | 87        |
|                                      | 99                      | -            | -         | -            | -         | -            | -         |



MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                   |                         | J1        |           | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 156                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
| 162                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
| 168                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70*       | 70*       | 92        | 92        | 92        | 92        |
|                                   | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |



FL 33108.4



ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

13 OF 37

9 Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

\* MULLION/JAMB SHALL BE IN INSTALLED WITH A MINIMUM OF 1 HORIZONTALS FOR LATERAL BRACING PURPOSES.  
\*\* MULLION/JAMB SHALL BE IN INSTALLED WITH A MINIMUM OF 2 HORIZONTALS FOR LATERAL BRACING PURPOSES.

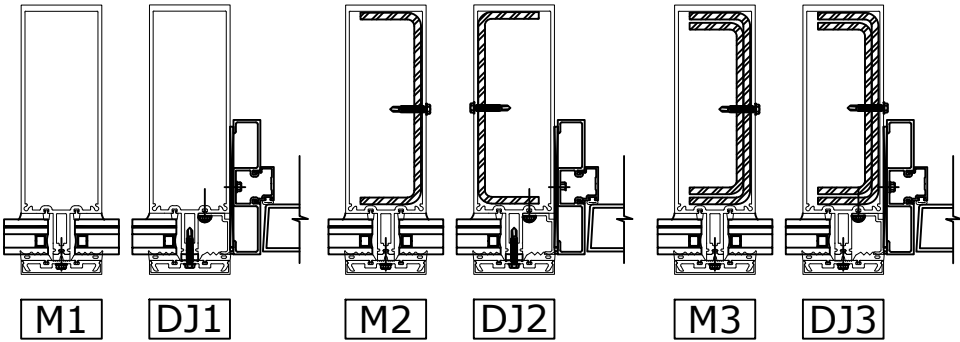


AUGUST 10, 2026

FL

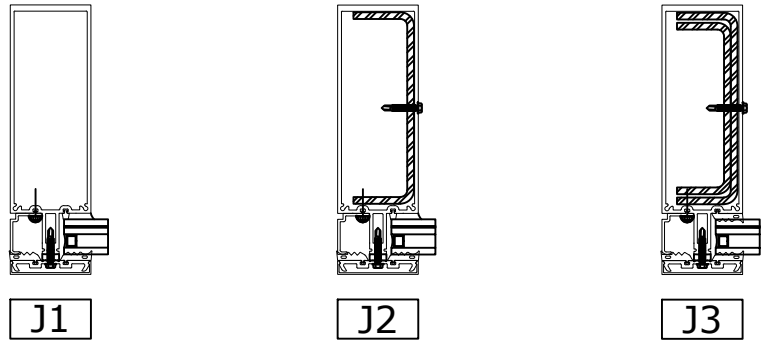
MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           | MULLION TYPE |           | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|
|                                      |                         | M1 - DJ1     |           | M2 - DJ2     |           | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F |
| 171                                  | 60                      | 70*          | 70*       | 92           | 92        | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 78                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 84                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 90                      | -            | -         | -            | -         | 88           | 88        |
|                                      | 96                      | -            | -         | -            | -         | -            | -         |
|                                      | 99                      | -            | -         | -            | -         | -            | -         |
| 180                                  | 60                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 78                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 84                      | -            | -         | -            | -         | 86           | 86        |
|                                      | 90                      | -            | -         | -            | -         | 82           | 82        |
|                                      | 96                      | -            | -         | -            | -         | -            | -         |
|                                      | 99                      | -            | -         | -            | -         | -            | -         |
| 186                                  | 60                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        | 92           | 92        |
|                                      | 72                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 78                      | -            | -         | -            | -         | 92           | 92        |
|                                      | 84                      | -            | -         | -            | -         | 83           | 83        |
|                                      | 90                      | -            | -         | -            | -         | -            | -         |
|                                      | 96                      | -            | -         | -            | -         | -            | -         |
|                                      | 99                      | -            | -         | -            | -         | -            | -         |



MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                   |                         | J1        |           | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 171                               | 12                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 18                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 24                      | 70        | 70        | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 70*       | 70*       | 92        | 92        | 92        | 92        |
|                                   | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 12                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 18                      | -         | -         | 92        | 92        | 92        | 92        |
| 180                               | 24                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 12                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 18                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 24                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | -         | -         | 92        | 92        | 92        | 92        |
| 186                               | 36                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 42                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 48                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 51                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 12                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 18                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 24                      | -         | -         | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | -         | -         | 92        | 92        | 92        | 92        |



FL 33108.4

**ENGINEERING  
EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

**26-101740**

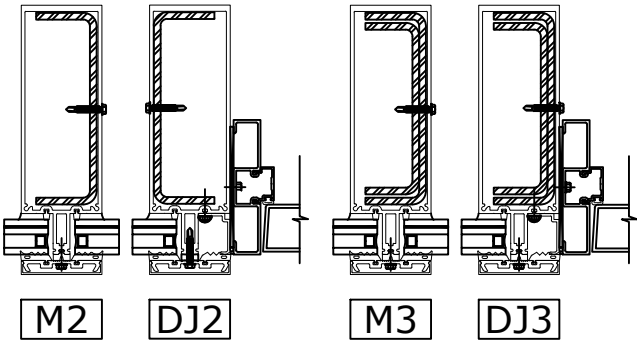
SCALE: NTS UNLESS NOTED

**14** OF **37**

Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

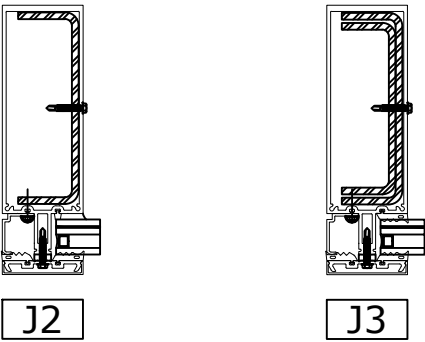
| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|--------------|-----------|
|                                      |                         | M2 - DJ2     |           | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F | (+) P.S.F    | (-) P.S.F |
| 192                                  | 60                      | 92*          | 92*       | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        |
|                                      | 78                      | -            | -         | 92*          | 92*       |
|                                      | 84                      | -            | -         | 80*          | 80*       |
|                                      | 90                      | -            | -         | -            | -         |
|                                      | 96                      | -            | -         | -            | -         |
|                                      | 99                      | -            | -         | -            | -         |
|                                      |                         |              |           |              |           |
| 198                                  | 60                      | 92*          | 92*       | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        |
|                                      | 78                      | -            | -         | 92*          | 92*       |
|                                      | 84                      | -            | -         | 76*          | 76*       |
|                                      | 90                      | -            | -         | -            | -         |
|                                      | 96                      | -            | -         | -            | -         |
|                                      | 99                      | -            | -         | -            | -         |
|                                      |                         |              |           |              |           |
| 201                                  | 60                      | 92*          | 92*       | 92           | 92        |
|                                      | 66                      | -            | -         | 92           | 92        |
|                                      | 72                      | -            | -         | 92           | 92        |
|                                      | 78                      | -            | -         | 92**         | 92**      |
|                                      | 84                      | -            | -         | 75**         | 75**      |
|                                      | 90                      | -            | -         | -            | -         |
|                                      | 96                      | -            | -         | -            | -         |
|                                      | 99                      | -            | -         | -            | -         |
|                                      |                         |              |           |              |           |



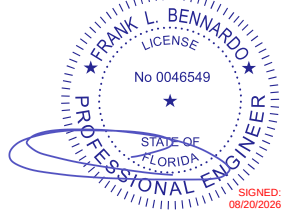
\* MULLION/JAMB SHALL BE IN INSTALLED  
WITH A MINIMUM OF 1 HORIZONTALS FOR  
LATERAL BRACING PURPOSES.  
\*\* MULLION/JAMB SHALL BE IN INSTALLED  
WITH A MINIMUM OF 2 HORIZONTALS FOR  
LATERAL BRACING PURPOSES.

MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|
|                                   |                         | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 192                               | 12                      | 92        | 92        | 92        | 92        |
|                                   | 18                      | 92        | 92        | 92        | 92        |
|                                   | 24                      | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 92*       | 92*       | 92*       | 92*       |
|                                   | 36                      | 92*       | 92*       | 92*       | 92*       |
|                                   | 42                      | 92*       | 92*       | 92*       | 92*       |
|                                   | 48                      | 92*       | 92*       | 92*       | 92*       |
|                                   | 51                      | 92*       | 92*       | 92*       | 92*       |
|                                   |                         |           |           |           |           |
|                                   |                         |           |           |           |           |
| 198                               | 12                      | 92        | 92        | 92        | 92        |
|                                   | 18                      | 92        | 92        | 92        | 92        |
|                                   | 24                      | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 92*       | 92*       | 92*       | 92*       |
|                                   | 36                      | 92*       | 92*       | 92*       | 92*       |
|                                   | 42                      | 92*       | 92*       | 92*       | 92*       |
|                                   | 48                      | 92*       | 92*       | 92*       | 92*       |
|                                   | 51                      | 92*       | 92*       | 92*       | 92*       |
|                                   |                         |           |           |           |           |
|                                   |                         |           |           |           |           |
| 201                               | 12                      | 92        | 92        | 92        | 92        |
|                                   | 18                      | 92        | 92        | 92        | 92        |
|                                   | 24                      | 92        | 92        | 92        | 92        |
|                                   | 31-1/2                  | 92*       | 92*       | 92**      | 92**      |
|                                   | 36                      | 92*       | 92*       | 92**      | 92**      |
|                                   | 42                      | 92*       | 92*       | 92**      | 92**      |
|                                   | 48                      | 92*       | 92*       | 92**      | 92**      |
|                                   | 51                      | 92*       | 92*       | 92**      | 92**      |
|                                   |                         |           |           |           |           |
|                                   |                         |           |           |           |           |



FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



AUGUST 10, 2026

FL

FL 33108.4

**ENGINEERING  
EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

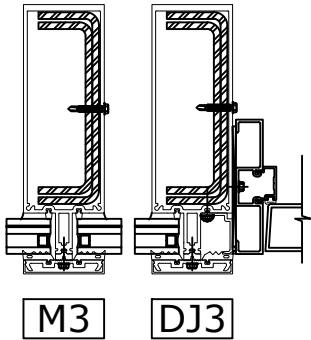
SCALE: NTS UNLESS NOTED

15 OF 37

9 Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|
|                                      |                         | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F |
| 204                                  | 60                      | 80           | 80        |
|                                      | 66                      | 80**         | 80**      |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |
| 210                                  | 60                      | 80           | 80        |
|                                      | 66                      | 80**         | 80**      |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |
| 216                                  | 60                      | 80           | 80        |
|                                      | 66                      | 80**         | 80**      |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |



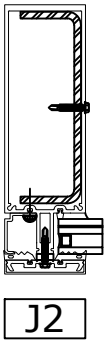
M3

DJ3

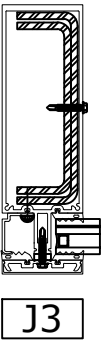
\*\* MULLION/JAMB SHALL BE IN INSTALLED  
WITH A MINIMUM OF 2 HORIZONTALS FOR  
LATERAL BRACING PURPOSES.

MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|
|                                   |                         | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 204                               | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80        | 80        | 80        | 80        |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |
| 210                               | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80        | 80        | 80        | 80        |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |
| 216                               | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80        | 80        | 80        | 80        |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | -         | -         | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |

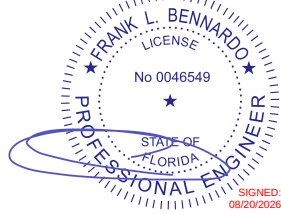


J2



J3

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



AUGUST 10, 2026

FL

FL 33108.4

**ENGINEERING  
EXPRESS®**

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

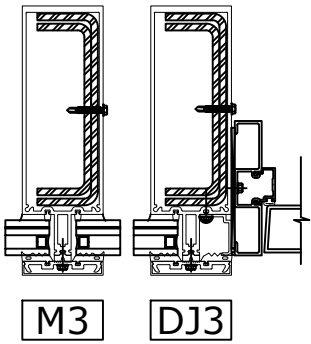
SCALE: NTS UNLESS NOTED

16 OF 37

9 Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|
|                                      |                         | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F |
| 222                                  | 60                      | 80**         | 80**      |
|                                      | 66                      | -            | -         |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |
| 228                                  | 60                      | 80**         | 80**      |
|                                      | 66                      | -            | -         |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |
| 234                                  | 60                      | 80**         | 80**      |
|                                      | 66                      | -            | -         |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |



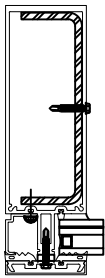
M3

DJ3

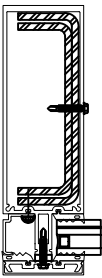
\*\* MULLION/JAMB SHALL BE IN INSTALLED  
WITH A MINIMUM OF 2 HORIZONTALS FOR  
LATERAL BRACING PURPOSES.

MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|
|                                   |                         | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 222                               | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | -         | -         | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |
|                                   | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
| 228                               | 24                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | -         | -         | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |
|                                   | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
| 234                               | 36                      | -         | -         | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |
|                                   | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | -         | -         | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |

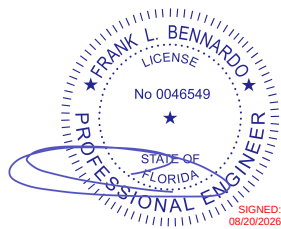


J2



J3

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



AUGUST 10, 2026

FL

FL 33108.4

**ENGINEERING  
EXPRESS®**

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

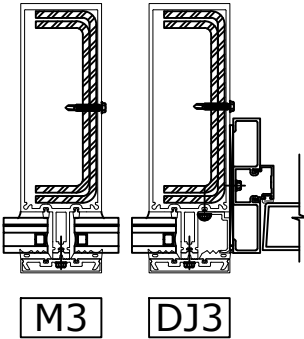
COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

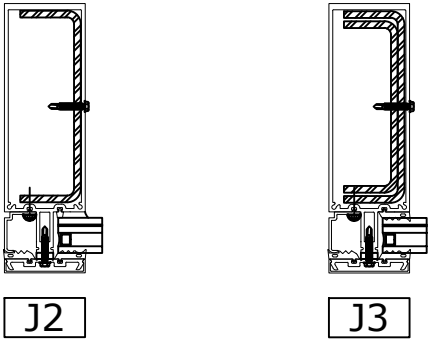
MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD MULLIONS

| SINGLE SPAN MULLION<br>LOADING CHART |                         | MULLION TYPE |           |
|--------------------------------------|-------------------------|--------------|-----------|
|                                      |                         | M3 - DJ3     |           |
| FRAME<br>HEIGHT (in)                 | TRIBUTARY<br>WIDTH (in) | (+) P.S.F    | (-) P.S.F |
| 240                                  | 60                      | 80**         | 80**      |
|                                      | 66                      | -            | -         |
|                                      | 72                      | -            | -         |
|                                      | 78                      | -            | -         |
|                                      | 84                      | -            | -         |
|                                      | 90                      | -            | -         |
|                                      | 96                      | -            | -         |
|                                      | 99                      | -            | -         |



MAXIMUM A.S.D. DESIGN PRESSURE  
RATING FOR STANDARD JAMBS

| SINGLE SPAN JAMB<br>LOADING CHART |                         | JAMB TYPE |           | JAMB TYPE |           |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|
|                                   |                         | J2        |           | J3        |           |
| FRAME<br>HEIGHT (in)              | TRIBUTARY<br>WIDTH (in) | (+) P.S.F | (-) P.S.F | (+) P.S.F | (-) P.S.F |
| 240                               | 12                      | 80        | 80        | 80        | 80        |
|                                   | 18                      | 80        | 80        | 80        | 80        |
|                                   | 24                      | 80**      | 80**      | 80**      | 80**      |
|                                   | 31-1/2                  | 80**      | 80**      | 80**      | 80**      |
|                                   | 36                      | -         | -         | 80**      | 80**      |
|                                   | 42                      | -         | -         | -         | -         |
|                                   | 48                      | -         | -         | -         | -         |
|                                   | 51                      | -         | -         | -         | -         |



\*\* MULLION/JAMB SHALL BE IN INSTALLED  
WITH A MINIMUM OF 2 HORIZONTALS FOR  
LATERAL BRACING PURPOSES.

FL 33108.4

**ENGINEERING  
EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

**26-101740**

SCALE: NTS UNLESS NOTED

HEAD & SILL STANDARD MULLION CONNECTIONS

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4

ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

"T" ANCHOR/SLEEVE  
CONNECTION DETAIL FOR  
ANCHORS TYPE "A" OR "B"

"F" ANCHOR/SLEEVE  
CONNECTION DETAIL FOR  
ANCHORS TYPE "D" OR "G"

"U" ANCHOR CONNECTION  
DETAIL FOR ANCHORS TYPE "F"

FASTENER TYPES

A - 1/2" Ø HILTI KWIK HUS-EZ SCREW ANCHOR WITH 3" MIN. EMBEDMENT INTO 6" MIN. THICK POURED CONCRETE (MIN. f'c=3 ksi.) BEYOND ANY FINISH MATERIAL WITH 3 3/4" MIN. EDGE DISTANCE.

92 P.S.F.\*

B - 1/2" Ø -13 TYPE "F" GRADE 5 BOLT TO 1/4" MIN. THICK ASTM A-36 STEEL WITH 1" MIN. EDGE DISTANCE.

92 P.S.F.\*

D - 1/2" Ø -13 TYPE "F" GRADE 5 BOLT TO 1/4" MIN. THICK ASTM A-36 STEEL WITH 1" MIN. EDGE DISTANCE

92 P.S.F.\*

F - 1/2" Ø DEWALT FASTENERS SCREW-BOLT WITH 4" MIN. EMBEDMENT INTO 6" MIN. THICK POURED CONCRETE (f'c=3 Ksi.) BEYOND ANY FINISH MATERIAL WITH 5 1/2" MIN. EDGE DISTANCE.

80 P.S.F. (FOR DOOR JAMBS)\*  
92 P.S.F. (FOR NON-DOOR JAMBS)\*

G - 3/4" Ø DEWALT FASTENERS SCREW-BOLT WITH 5 1/2" MIN. EMBEDMENT INTO 6 1/2" MIN. THICK POURED CONCRETE (f'c=3 Ksi.) BEYOND ANY FINISH MATERIAL WITH 7 1/2" MIN. EDGE DISTANCE.

92 P.S.F.\*

\*NOTE:  
FOR SPANS LISTED ON MULLION/GLASS  
TABLES LIMITED TO MULLION/GLASS  
DESIGN PRESSURE.

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

19 OF 37

HEAD CONNECTION DETAILS (WET AND DRY GLAZED)

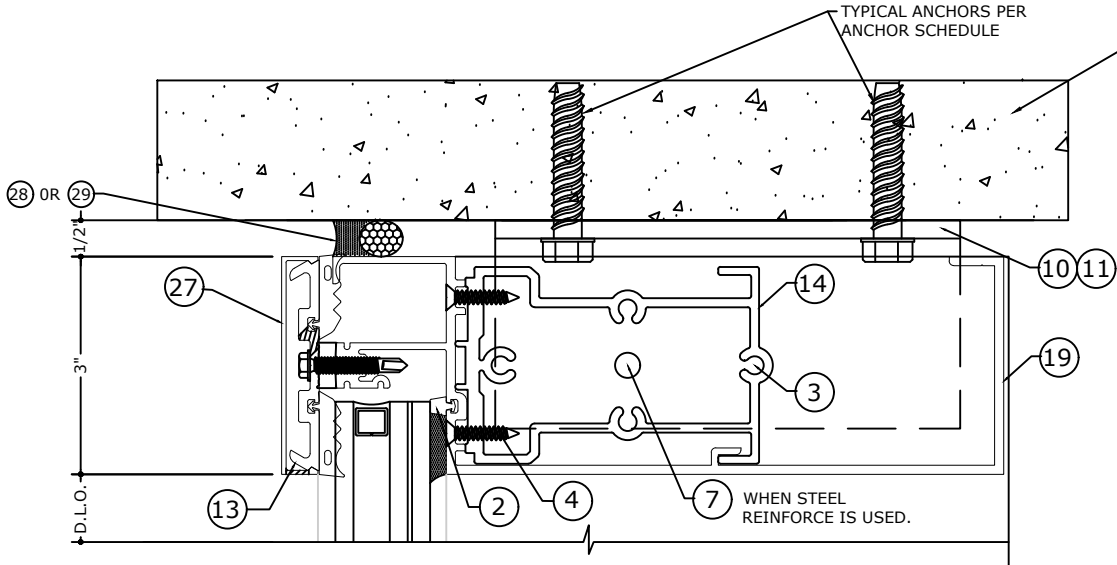
FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

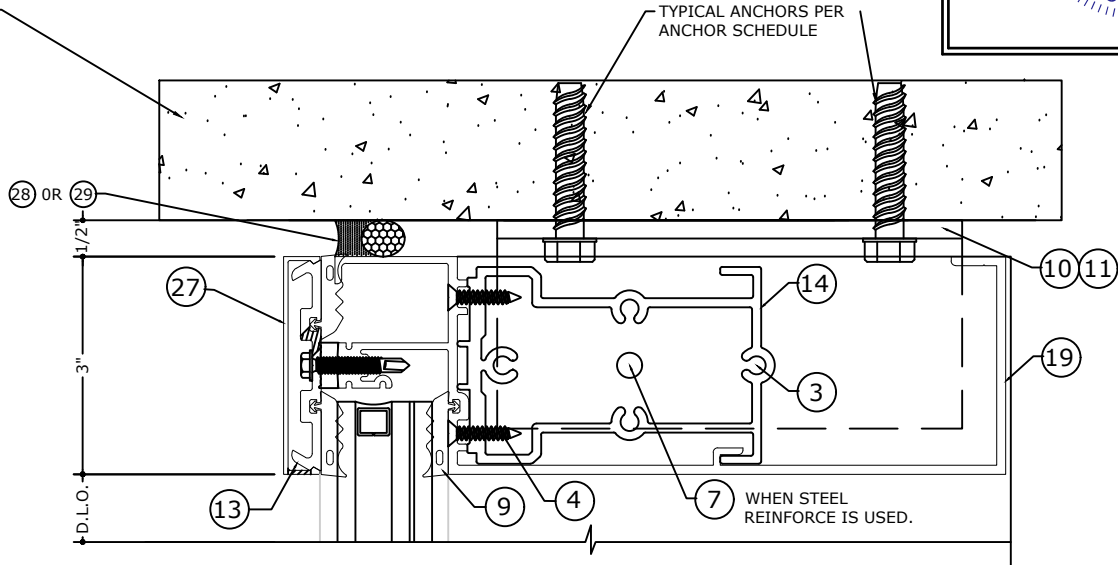
FL 33108.4

ENGINEERING  
EXPRESS®

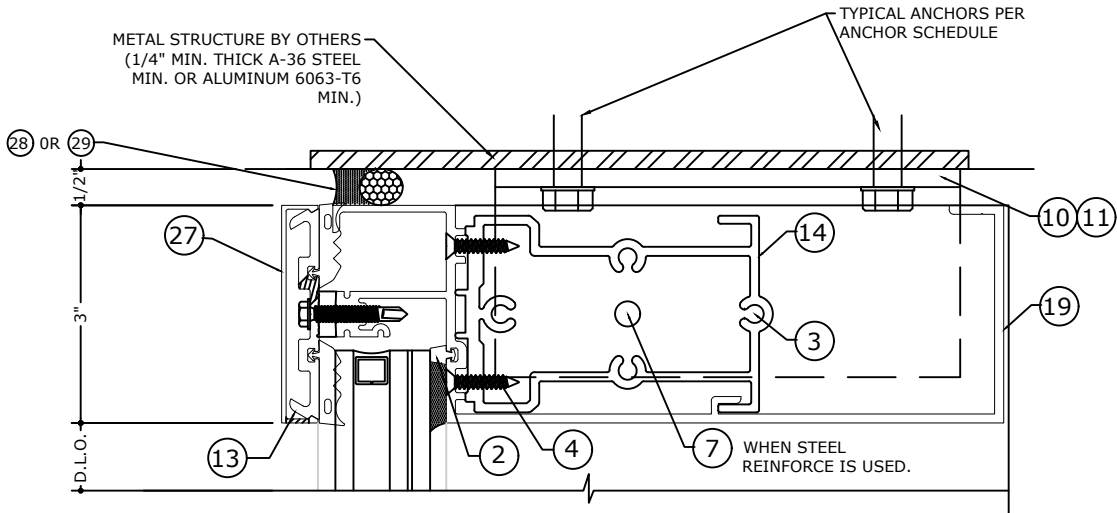
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM



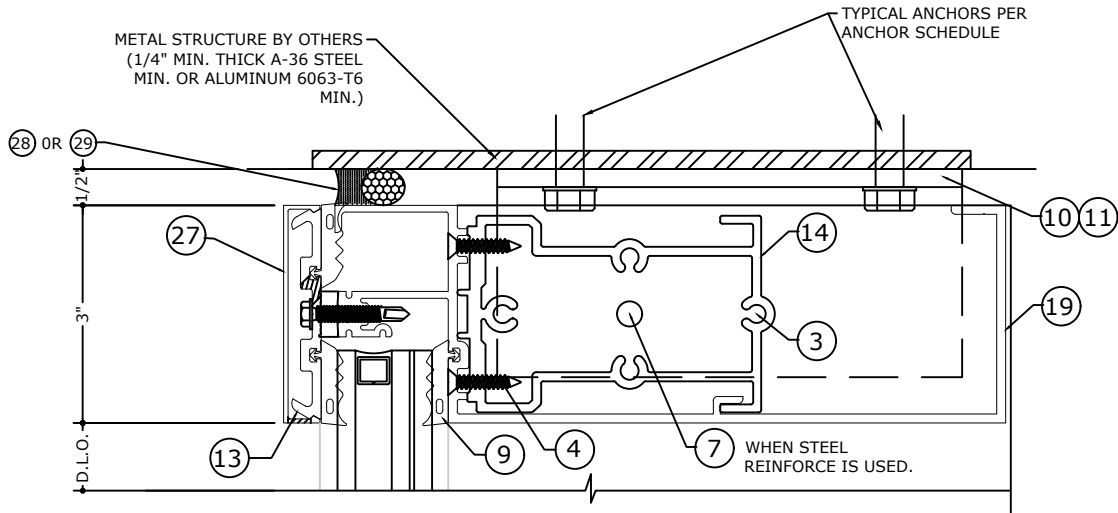
1 HEAD DETAIL (WET GLAZED)



1.1 HEAD DETAIL (DRY GLAZED)



1.2 HEAD DETAIL (WET GLAZED)



1.3 HEAD DETAIL (DRY GLAZED)

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

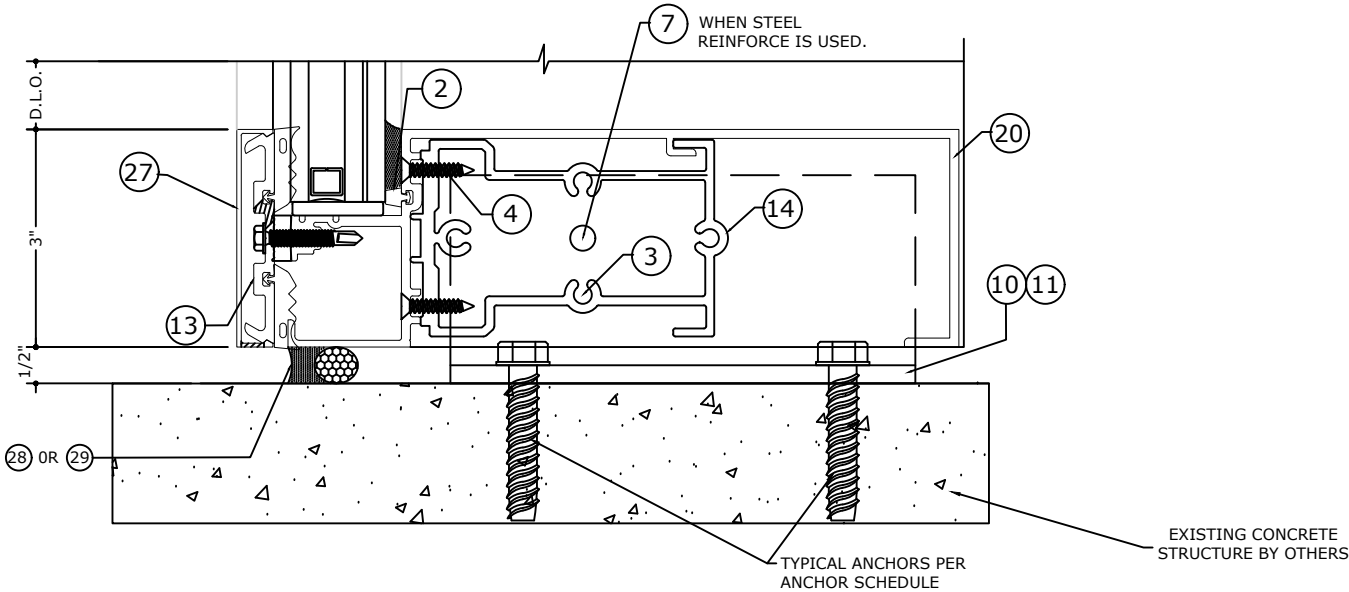
COPYRIGHT ENGINEERING EXPRESS®

26-101740  
SCALE: NTS UNLESS NOTED

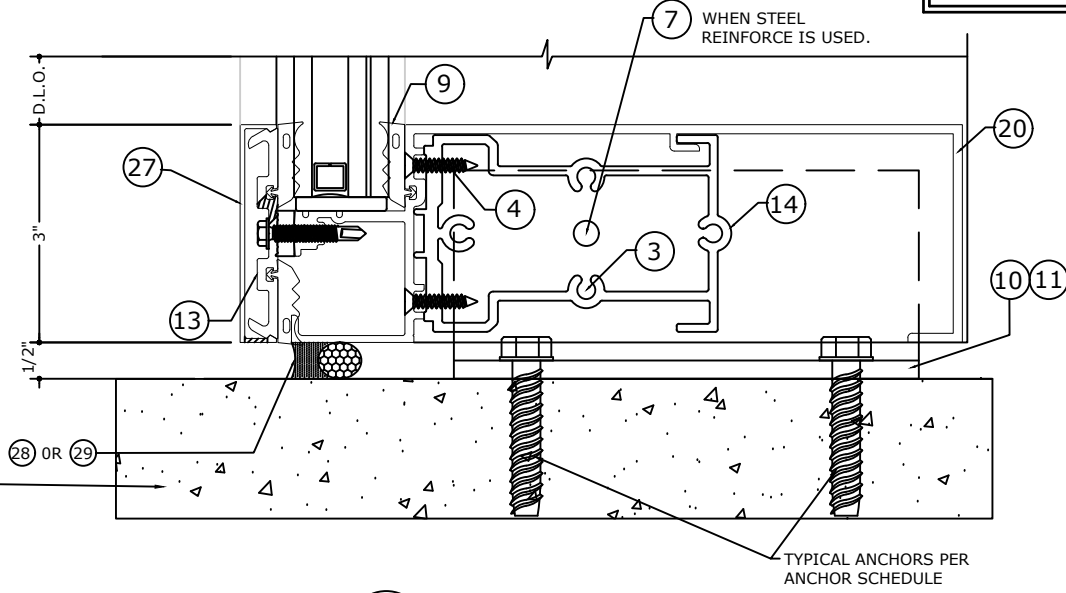
SILL CONNECTION DETAILS (WET AND DRY GLAZED)



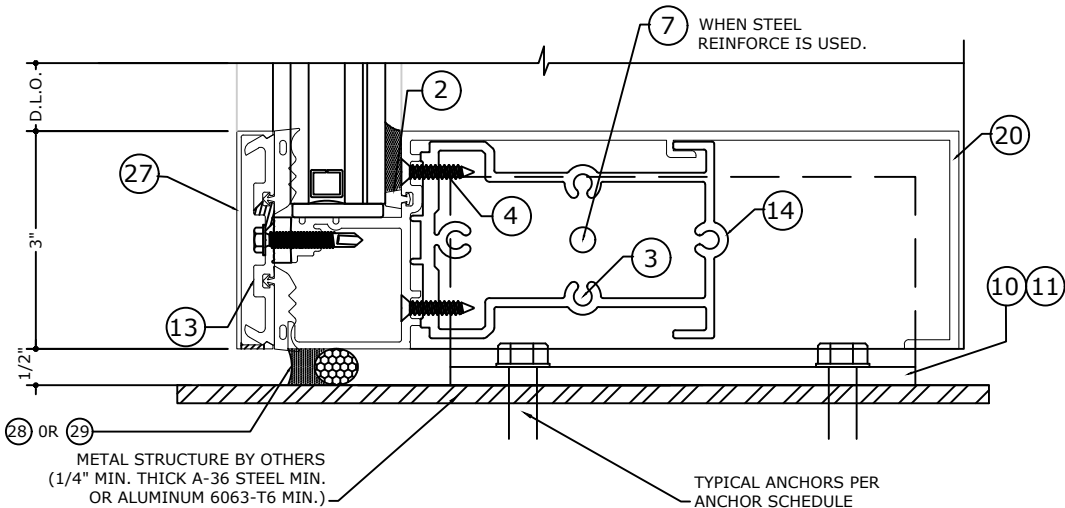
AUGUST 10, 2026



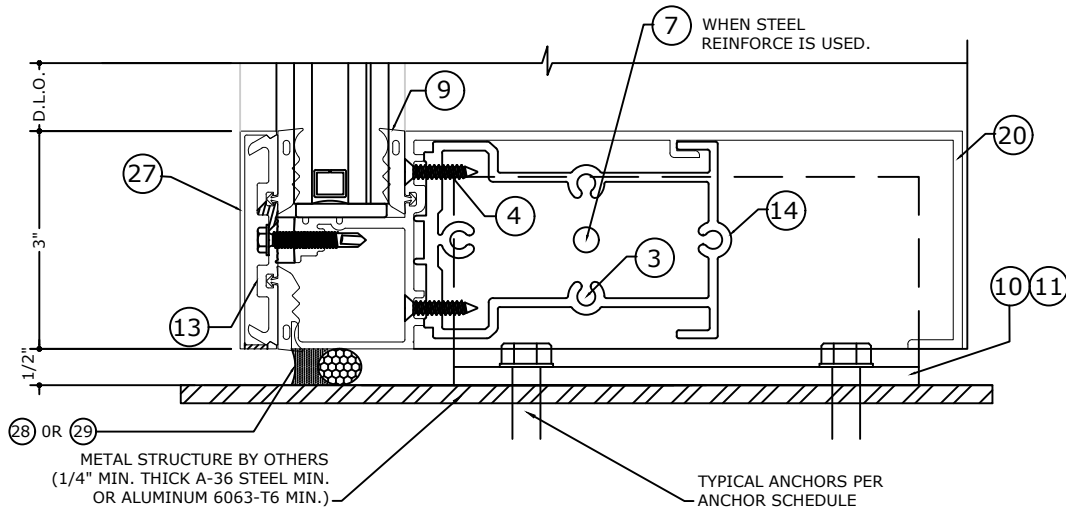
2 SILL DETAIL



2.1 SILL DETAIL



2.2 SILL DETAIL



2.3 SILL DETAIL

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

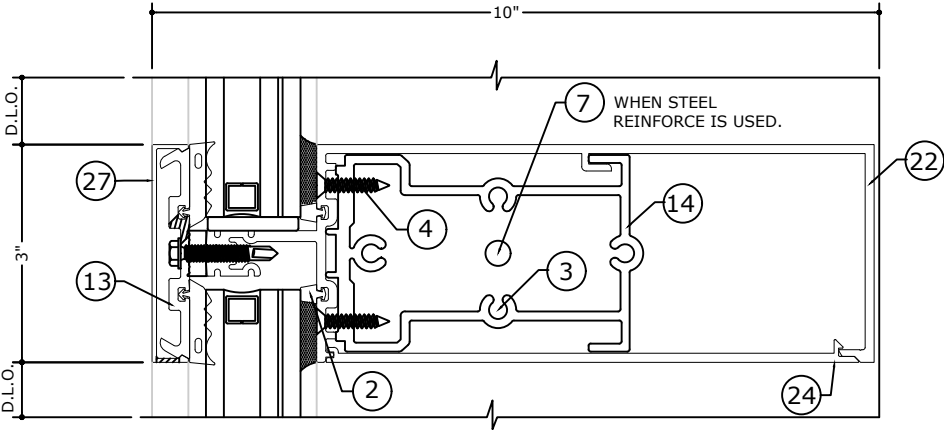
| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |

COPYRIGHT ENGINEERING EXPRESS®

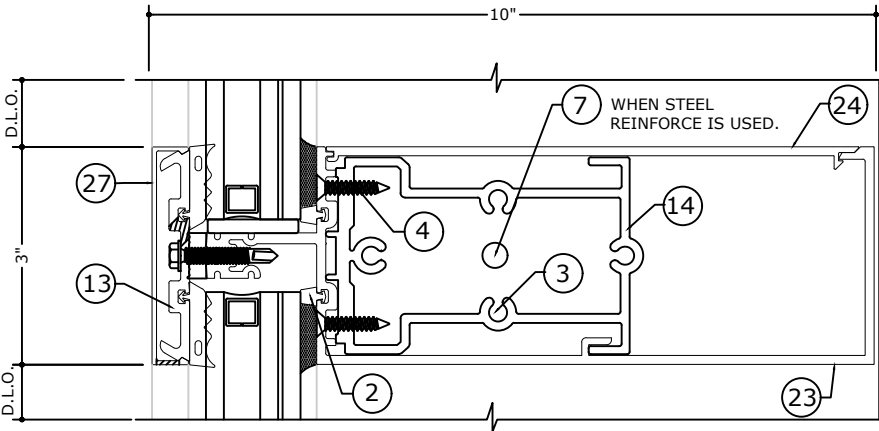
26-101740

SCALE: NTS UNLESS NOTED

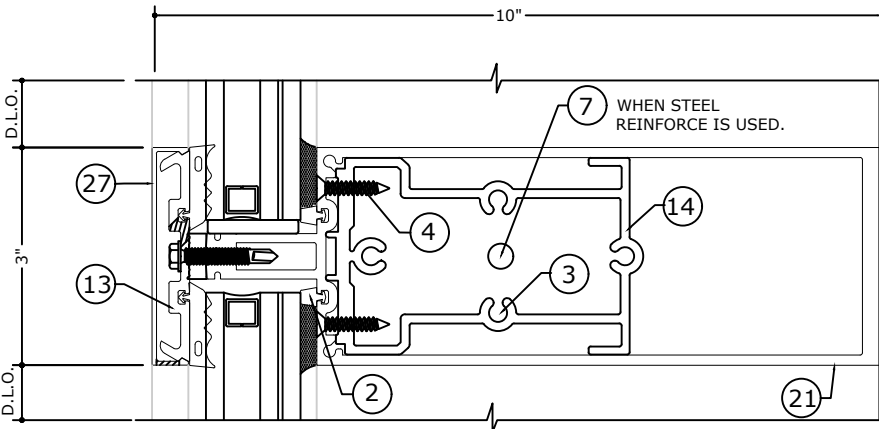
HORIZONTAL CONNECTION DETAILS (WET AND DRY GLAZED)



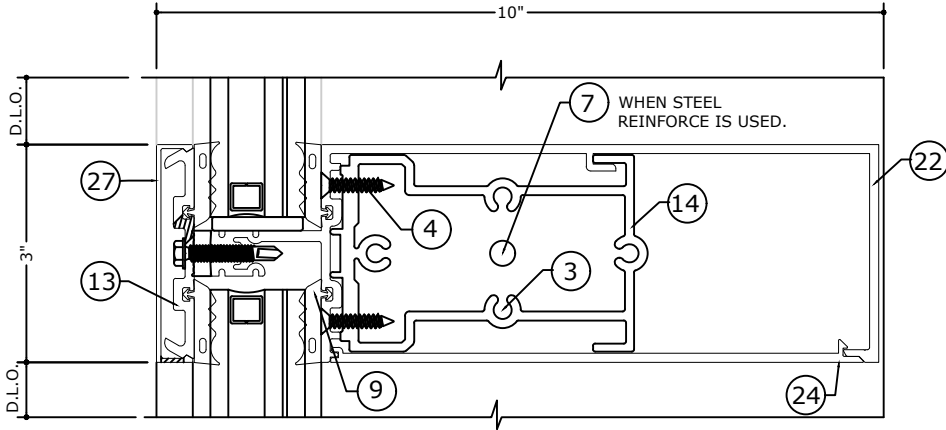
3 INTERMEDIATE HORIZONTAL DETAIL (ROLL OVER)  
NOTE: LIMITED TO 57" IN LENGTH. MISSILE LEVEL D OR E.



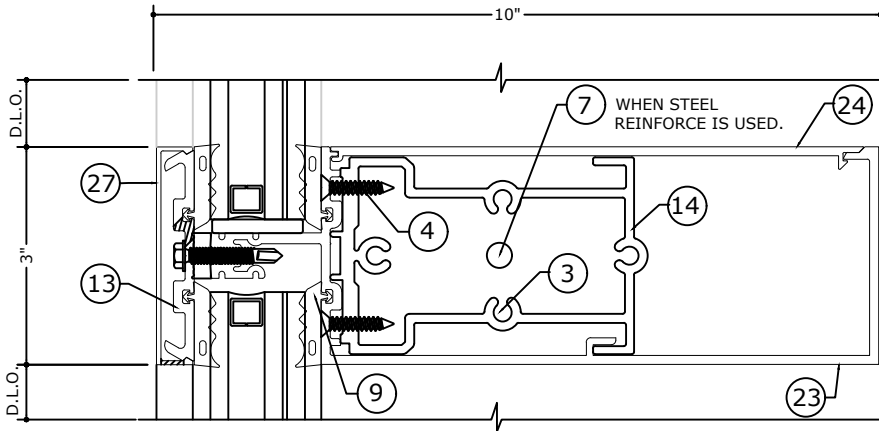
3.2 INTERMEDIATE HORIZONTAL DETAIL (ROLL UNDER)  
NOTE: LIMITED TO 57" IN LENGTH. MISSILE LEVEL D OR E.



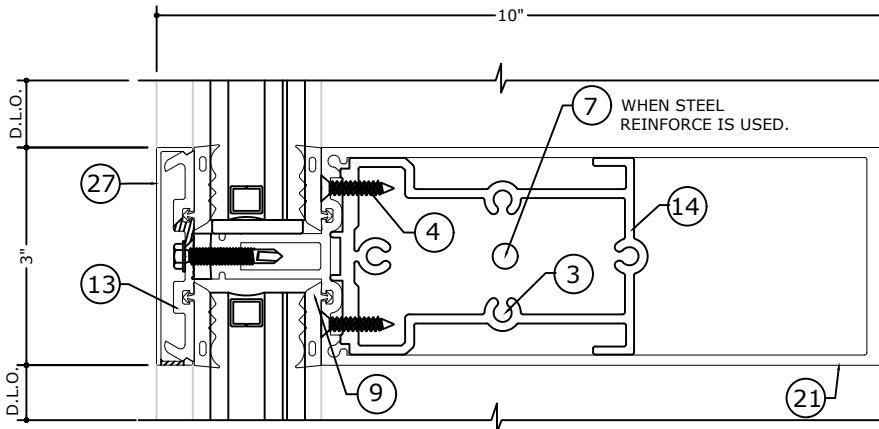
3.4 INTERMEDIATE HORIZONTAL DETAIL  
NOTE: LIMITED TO 96" IN LENGTH. MISSILE LEVEL D OR E.



3.1 INTERMEDIATE HORIZONTAL DETAIL (ROLL OVER)  
NOTE: LIMITED TO 57" IN LENGTH. MISSILE LEVEL D OR E.



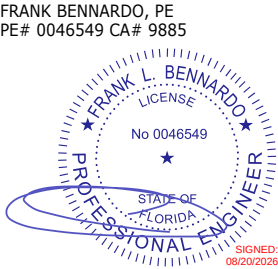
3.3 INTERMEDIATE HORIZONTAL DETAIL (ROLL UNDER)  
NOTE: LIMITED TO 57" IN LENGTH. MISSILE LEVEL D OR E.



3.5 INTERMEDIATE HORIZONTAL DETAIL  
NOTE: LIMITED TO 57" IN LENGTH. MISSILE LEVEL D OR E.

NOTE: REFER TO SYSTEM ELEVATION ON PAGE 02 FOR LENGTH LIMITATIONS ON HORIZONTAL MULLIONS.

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.



FL

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

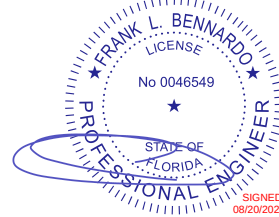
26-101740

SCALE: NTS UNLESS NOTED

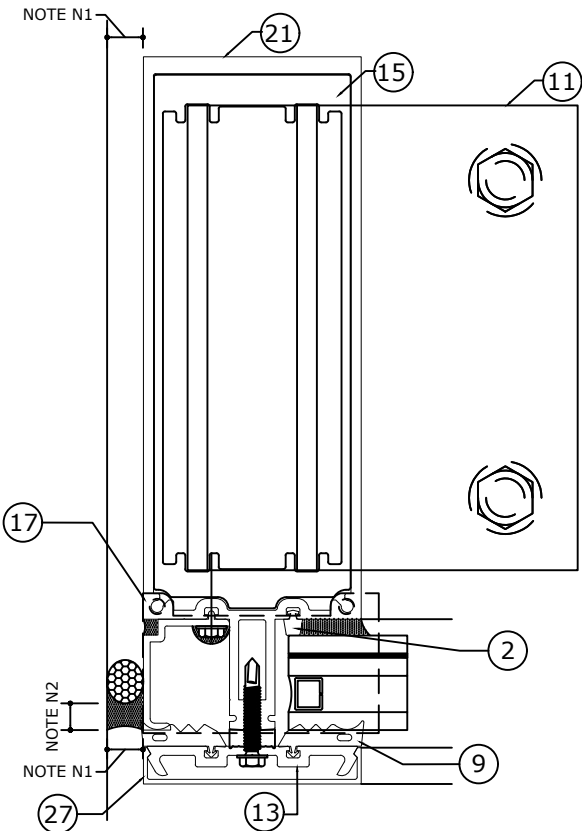
SILL & HEAD ANCHOR DETAILS FOR JAMB & STANDARD MULLIONS (WET AND DRY GLAZED)

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

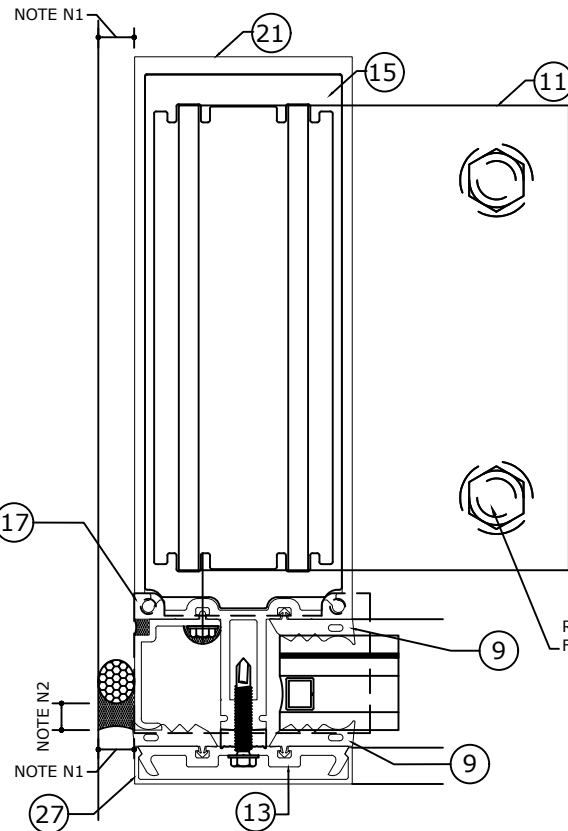
AUGUST 10, 2026



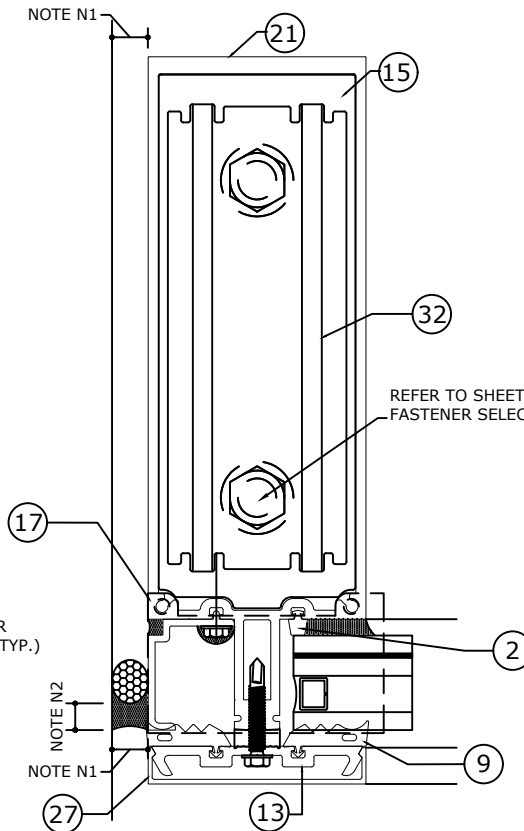
FL



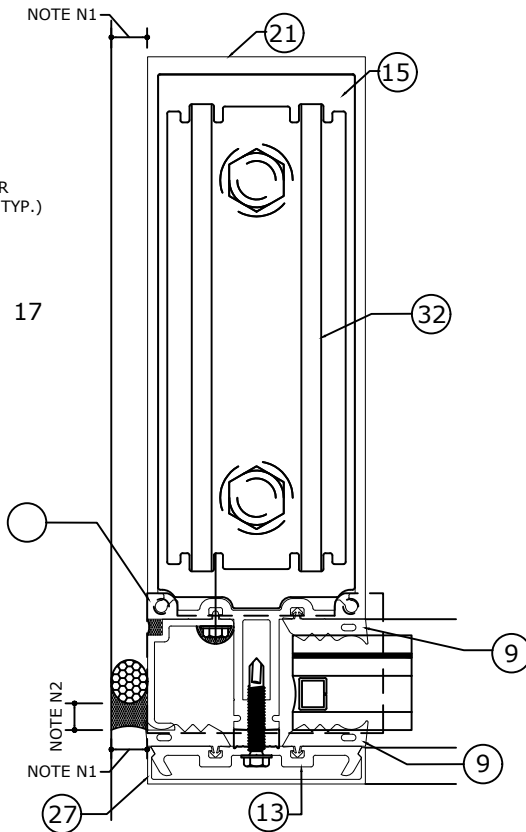
**4 JAMB DETAIL**  
REFER TO J1, J2, J3, DJ1, DJ2 & DJ3 ON PAGE 10 FOR STEEL REINFORCEMENT.



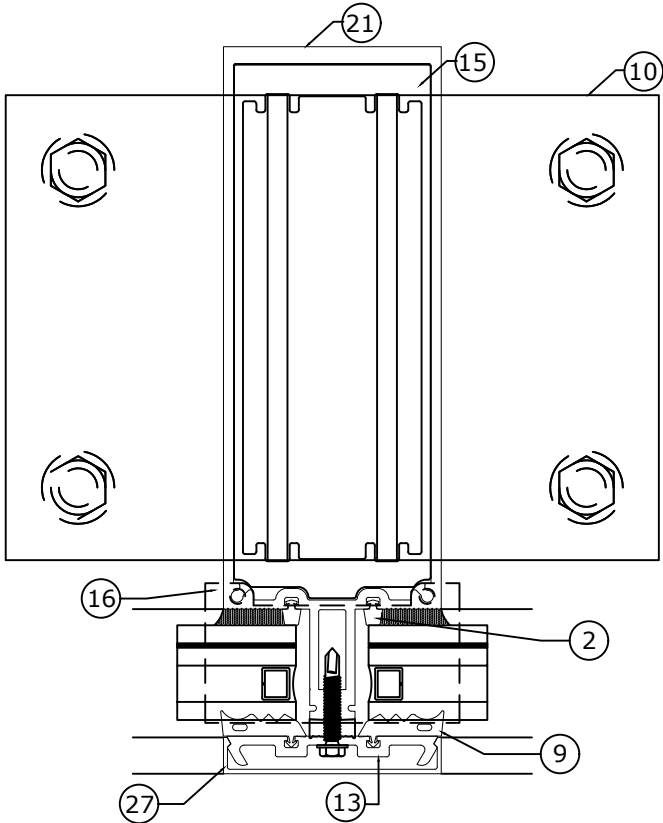
**4.1 JAMB DETAIL**  
REFER TO J2 ON PAGE 10 FOR STEEL REINFORCEMENT.



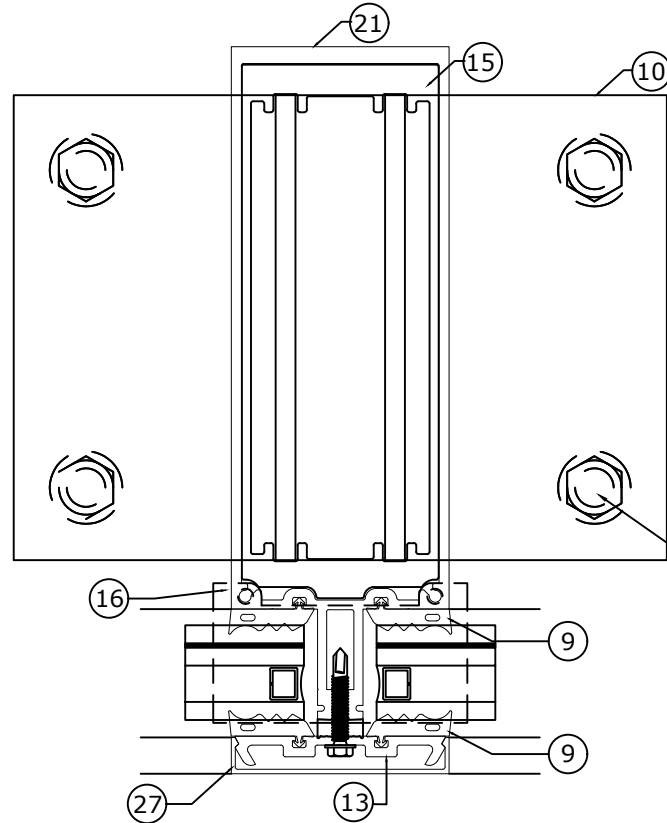
**4.2 JAMB DETAIL**  
REFER TO J1, J2, J3, DJ1, DJ2 & DJ3 ON PAGE 10 FOR STEEL REINFORCEMENT.



**4.3 JAMB DETAIL**  
REFER TO J1, J2, J3, DJ1, DJ2 & DJ3 ON PAGE 10 FOR STEEL REINFORCEMENT.



**5 STD MULLION**  
REFER TO M1, M2 & M3 ON PAGE 09 FOR STEEL REINFORCEMENT.



**5.1 STD MULLION**  
REFER TO M2 & M3 ON PAGE 09 FOR STEEL REINFORCEMENT.

SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT WITH SEALANT (28) OR (30).

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT (28) OR (30).

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

**26-101740**

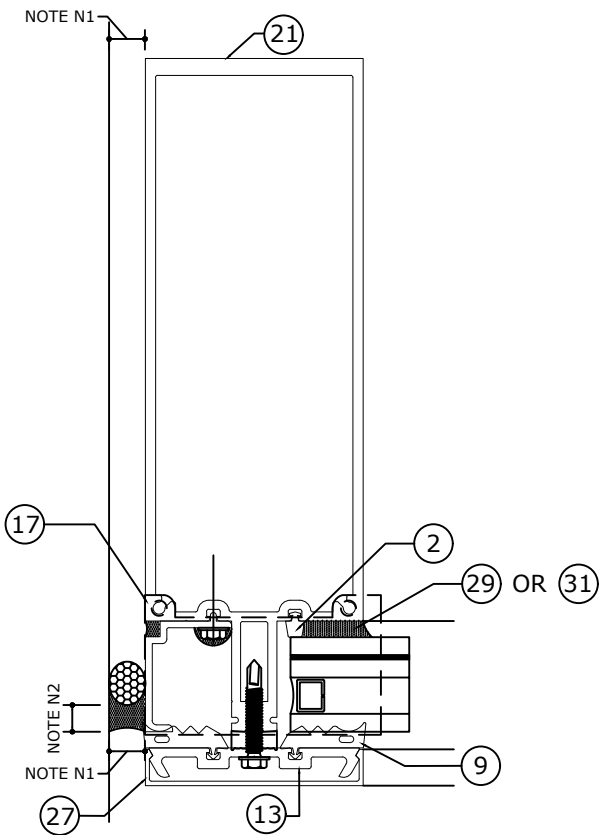
SCALE: NTS UNLESS NOTED

UNREINFORCED JAMB AND STANDARD MULLION  
(WET GLAZE ONLY)

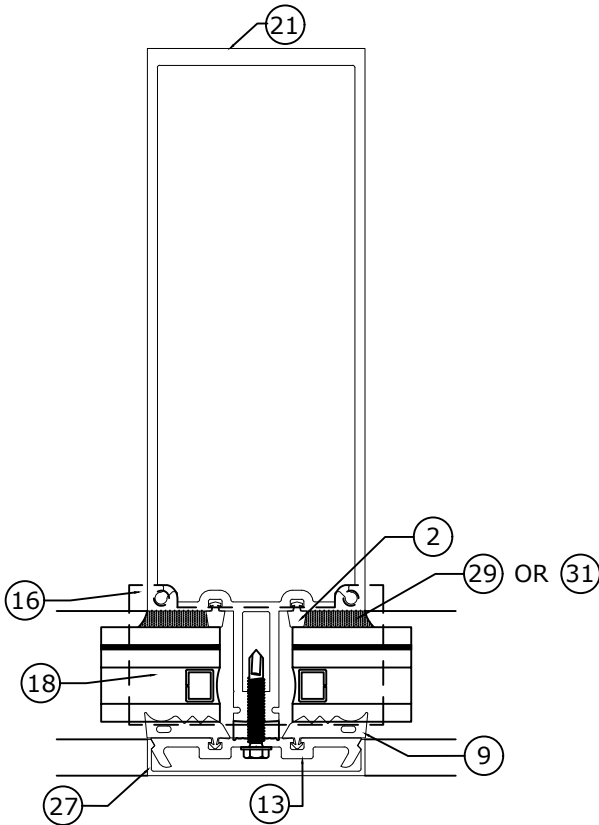
FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4



6 JAMB DETAIL - J1  
REFER TO J1, J2 , J3, DJ1, DJ2 & DJ3 ON  
PAGE 10 FOR STEEL REINFORCEMENT.



7 MULLION DETAIL - M1

SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT  
WITH SEALANT 28 OR 30

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT  
WITH 1/4" DEPTH AT MIDWIDTH OF  
JOINT WITH SEALANT 28 OR 30

NOTE: REFER TO SYSTEM INSTALLATION MANUAL  
FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

ENGINEERING  
EXPRESS®

2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

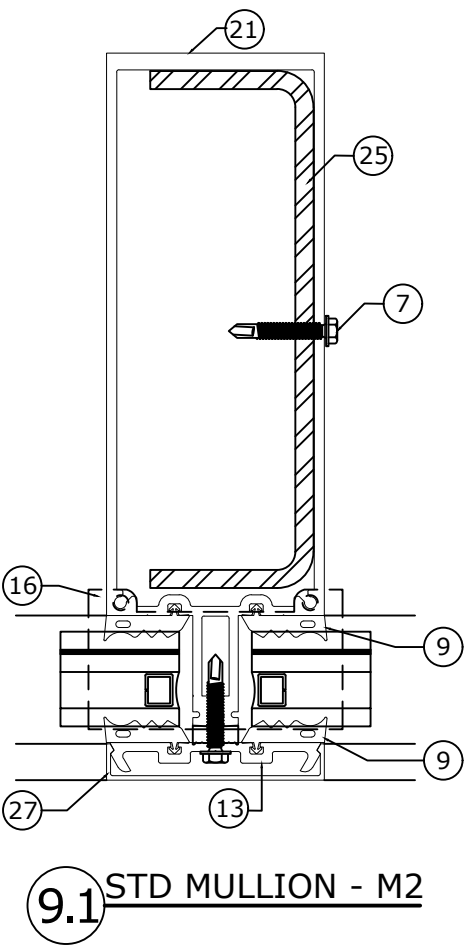
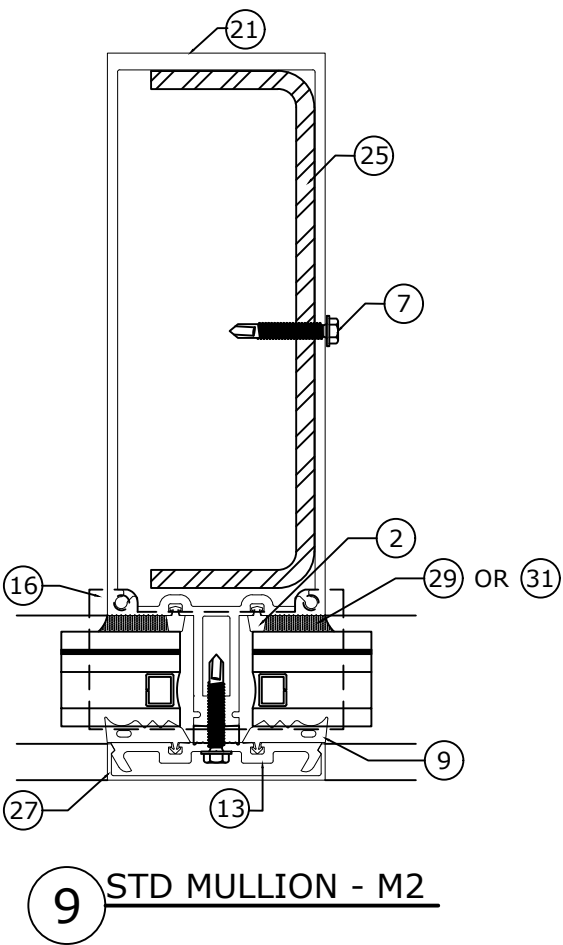
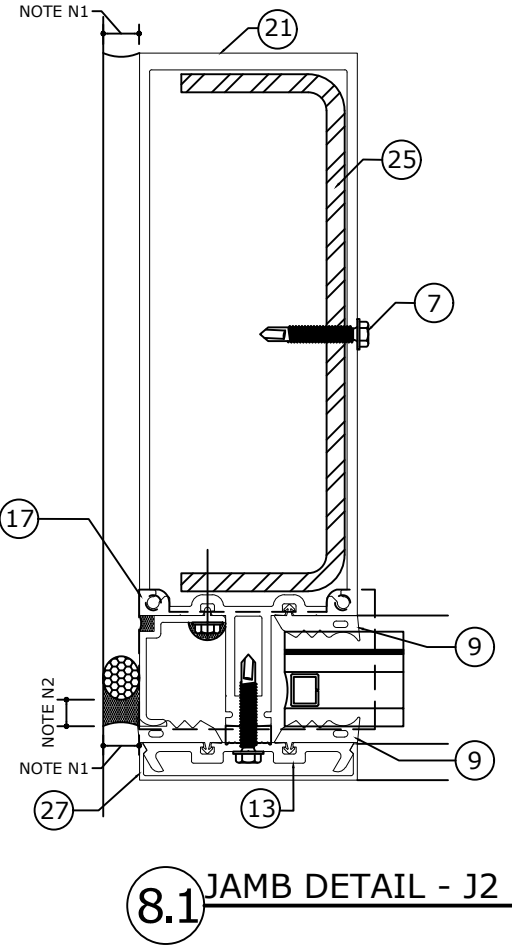
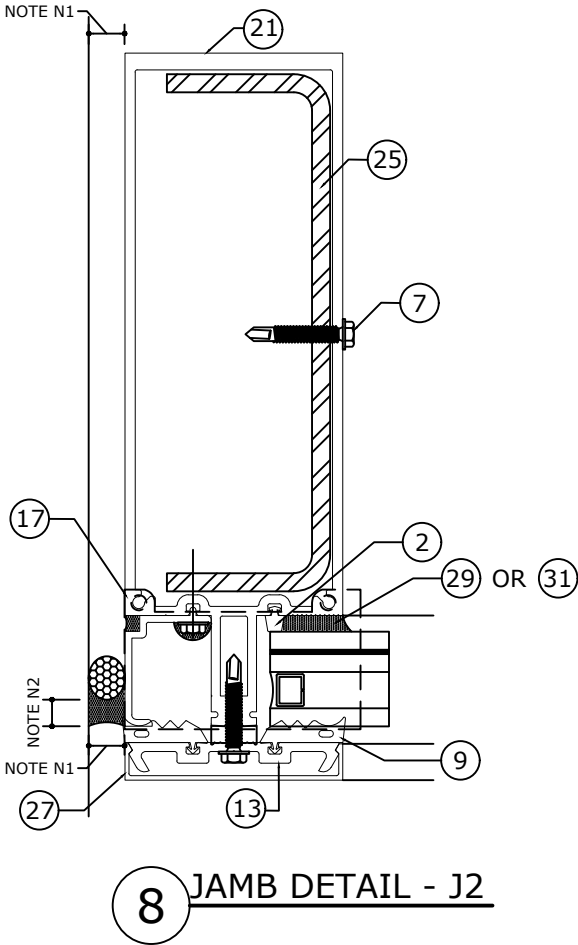
24 OF 37

REINFORCED JAMB AND STANDARD MULLION  
(WET AND DRY GLAZE)



AUGUST 10, 2026

FL



SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT WITH SEALANT (28) OR (30)

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT (28) OR (30)

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

DOUBLY REINFORCED JAMB AND STANDARD MULLION  
(WET AND DRY GLAZE)



AUGUST 10, 2026  
FL

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

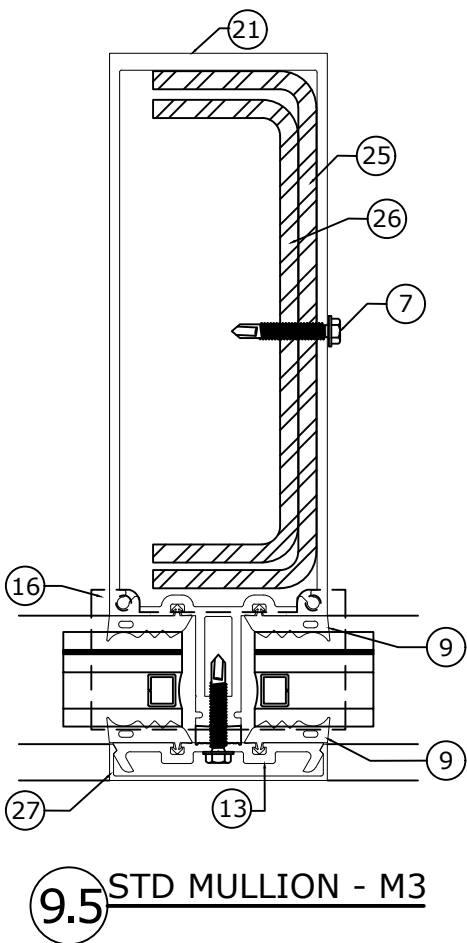
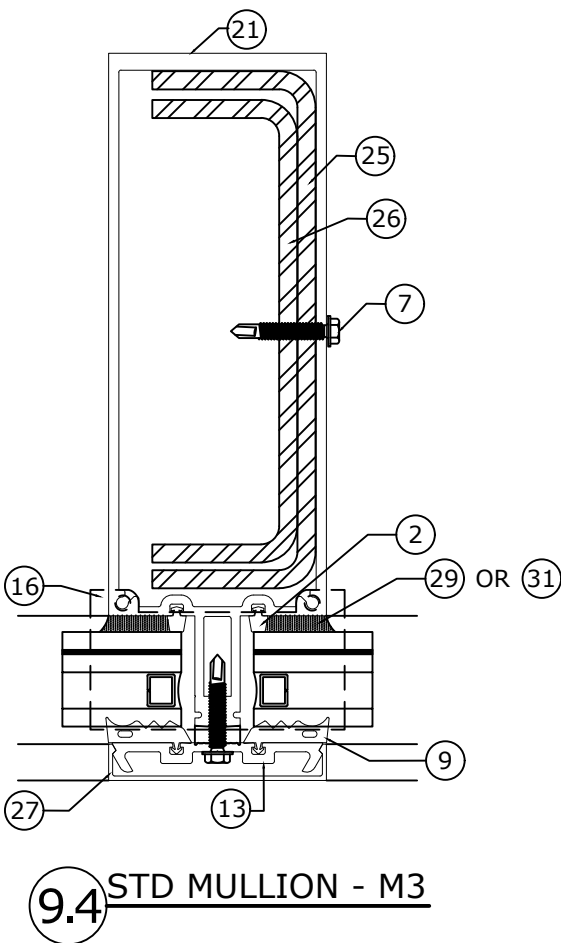
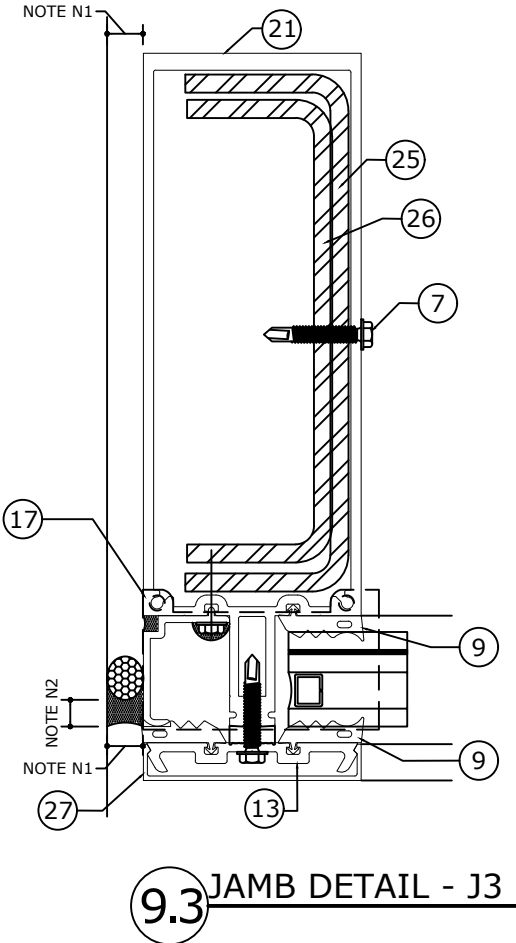
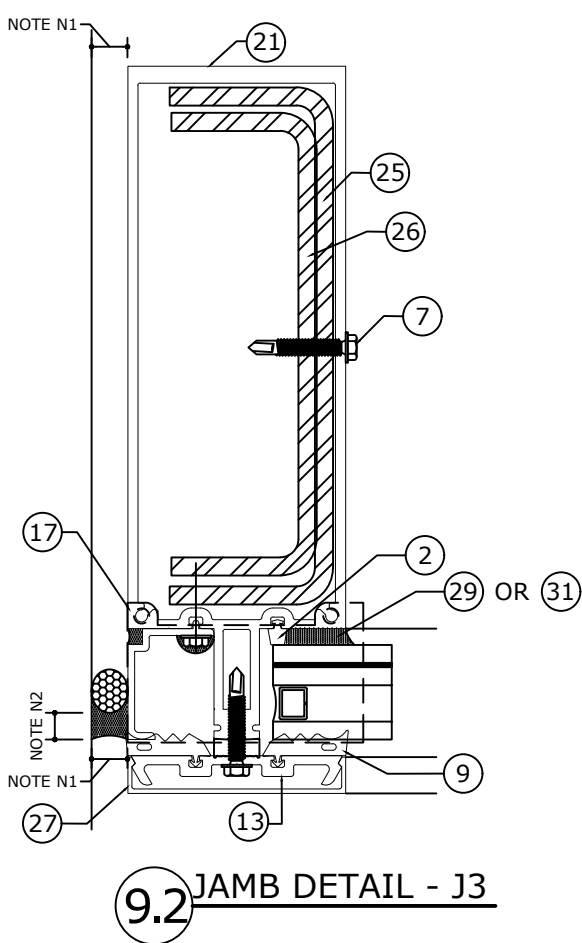
**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

**26-101740**

SCALE: NTS UNLESS NOTED



SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT WITH SEALANT (28) OR (30)

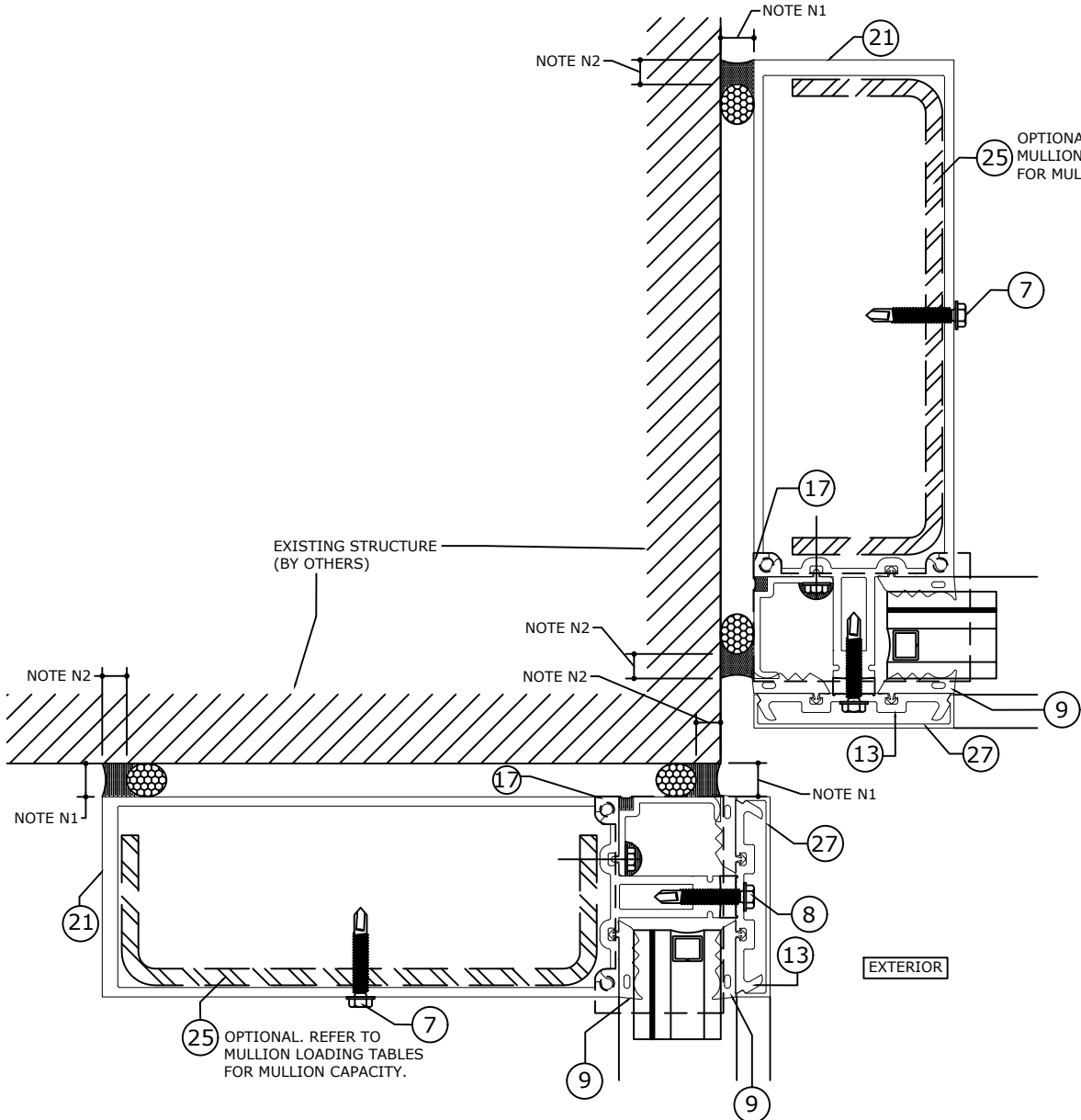
N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT (28) OR (30)

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

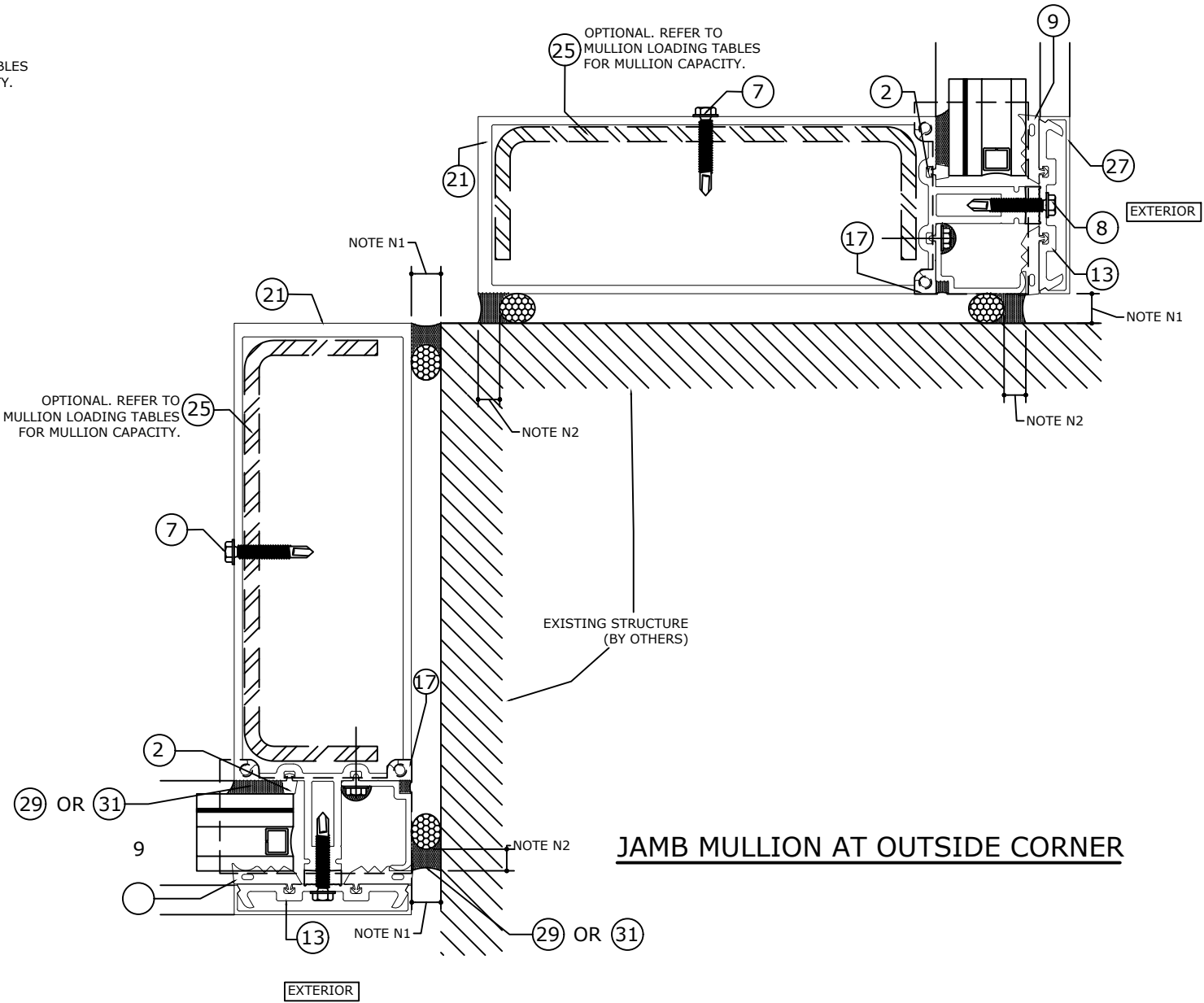
REINFORCED INSIDE OR OUTSIDE 90° CORNER JAMB MULLION  
(WET AND DRY GLAZED)



AUGUST 10, 2026  
FL



JAMB MULLION AT INSIDE CORNER



JAMB MULLION AT OUTSIDE CORNER

SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT WITH SEALANT (28) OR (30)

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT (28) OR (30)

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DATE     | DRWN | CHKD |
|----------------------|----------|------|------|
| 2020 FBC (19-20199)  | 08/13/20 | JPC  | AJP  |
| 2023 FBC (23-59835a) | 08/16/23 | SQ   | RS   |
| 2026 FBC UPDATE      | 08/10/26 | AEG  | RS   |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |
|                      |          |      |      |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

DOOR HEADER CONNECTION TO CURTAIN WALL HORIZONTALS

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FRANK L. BENNARDO  
LICENSE  
No 0046549  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
SIGNED: 08/20/2026

AUGUST 10, 2026

FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

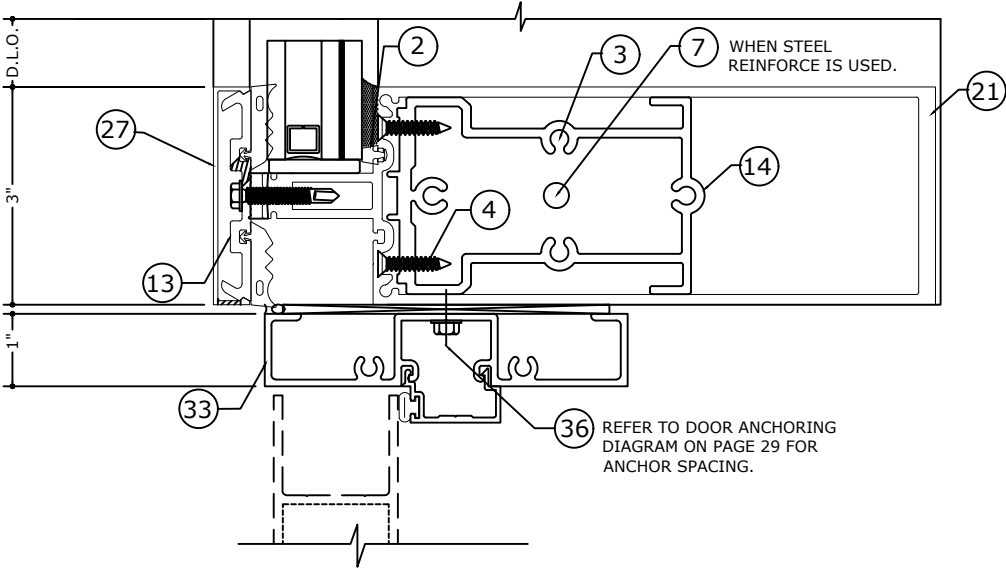
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED



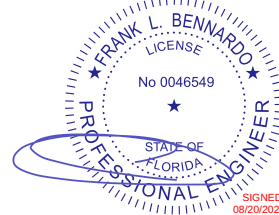
10 DOOR HEADER CONNECTION DETAIL  
MISSILE LEVEL D

NOTE: REFER TO SYSTEM ELEVATION ON PAGE 02 FOR LENGTH LIMITATIONS ON HORIZONTAL MULLIONS.

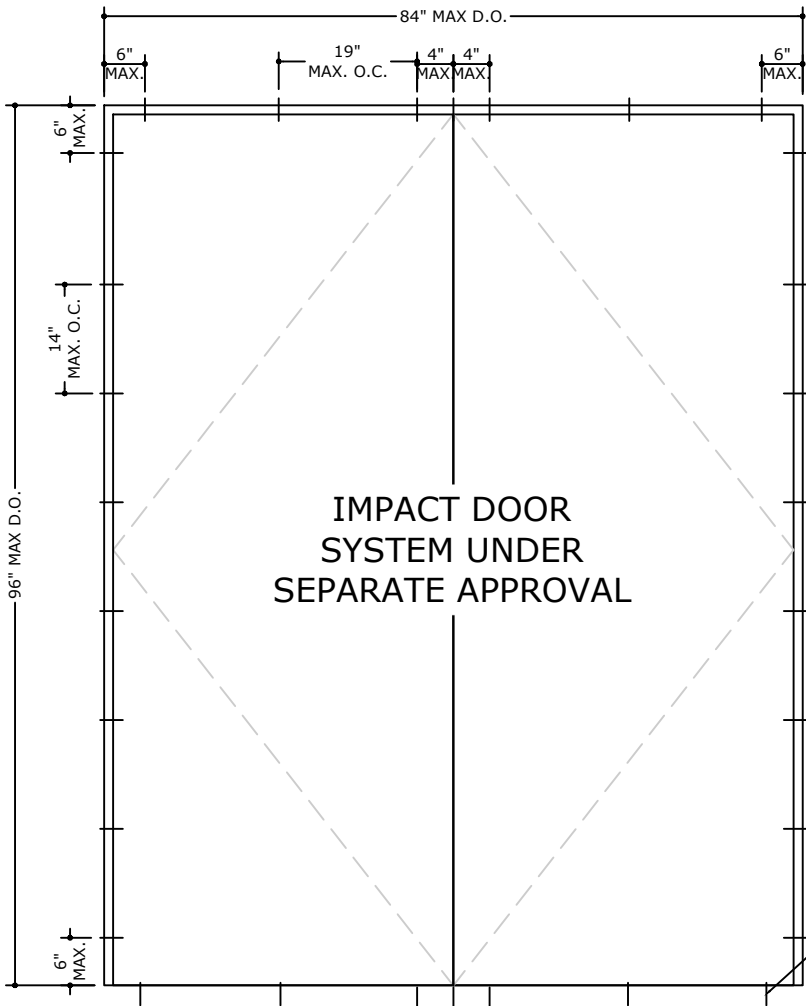
DOOR JAMB CONNECTION TO CURTAIN WALL VERTICALS

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

AUGUST 10, 2026



FL

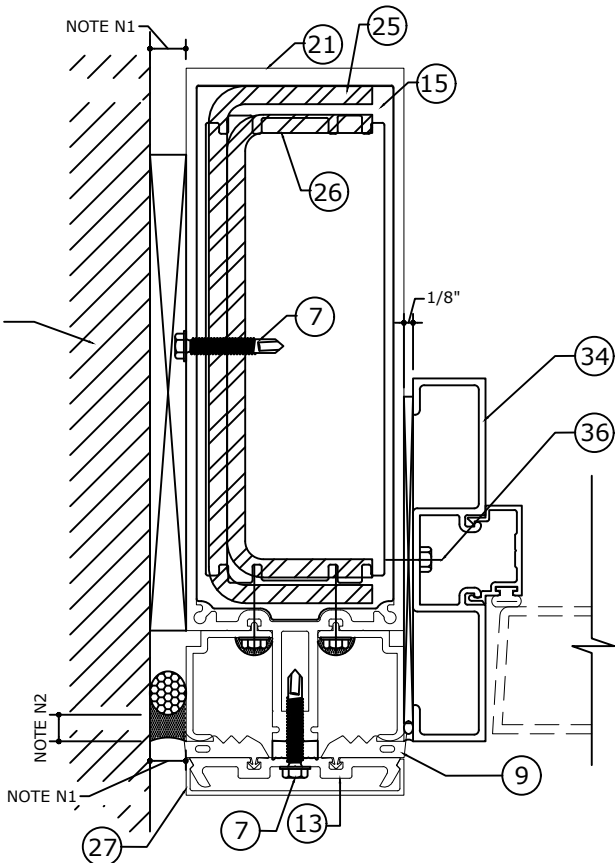


IMPACT DOOR  
SYSTEM UNDER  
SEPARATE APPROVAL

LOCATIONS FOR DOOR FRAME ATTACHMENTS  
ABOVE DIMENSIONS ARE MAXIMUM SIZES TESTED

REFER TO DOOR  
PRODUCT APPROVAL  
FOR SILL FASTENER  
TYPE

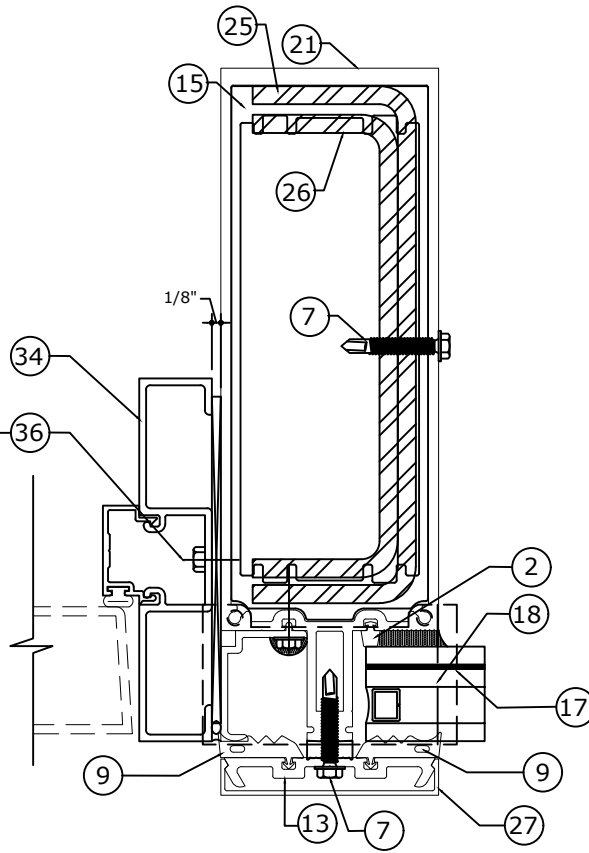
IMPACT DOOR SYSTEM  
UNDER SEPARATE APPROVAL



JAMB MULLION W/  
NO SIDELITE CONDITION

11

REFER TO DOOR  
ANCHORING DIAGRAM  
FOR ANCHOR SPACING.



DOOR JAMB MULLION AT  
CURTAIN WALL WITH SIDELITE

12

SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT  
WITH SEALANT (28) OR (30)

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT  
WITH 1/4" DEPTH AT MIDWIDTH OF  
JOINT WITH SEALANT (28) OR (30)

NOTE: REFER TO SYSTEM ELEVATION ON PAGE 02  
FOR LENGTH LIMITATIONS ON HORIZONTAL  
MULLIONS.

FL 33108.4

**ENGINEERING  
EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

DOOR JAMB CONNECTION TO CURTAIN WALL VERTICALS

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FRANK L. BENNARDO  
LICENSE  
No 0046549  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

SIGNED:  
08/20/2026

AUGUST 10, 2026

FL

FL 33108.4

**ENGINEERING  
EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

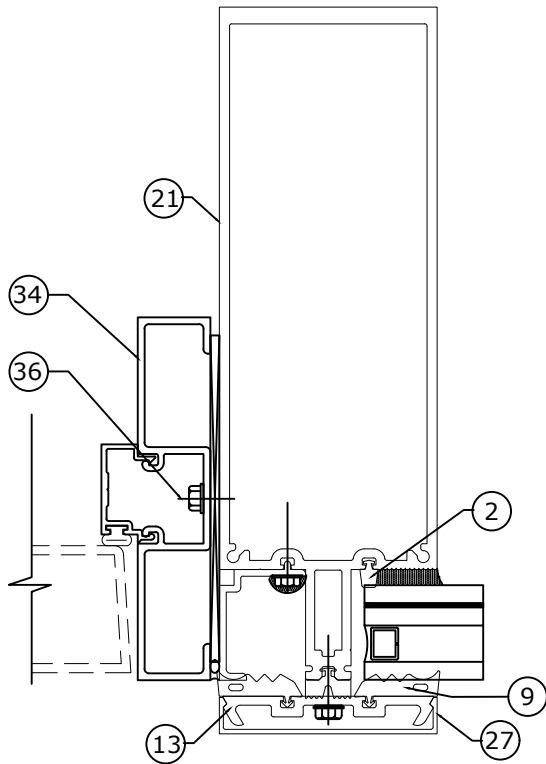
**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

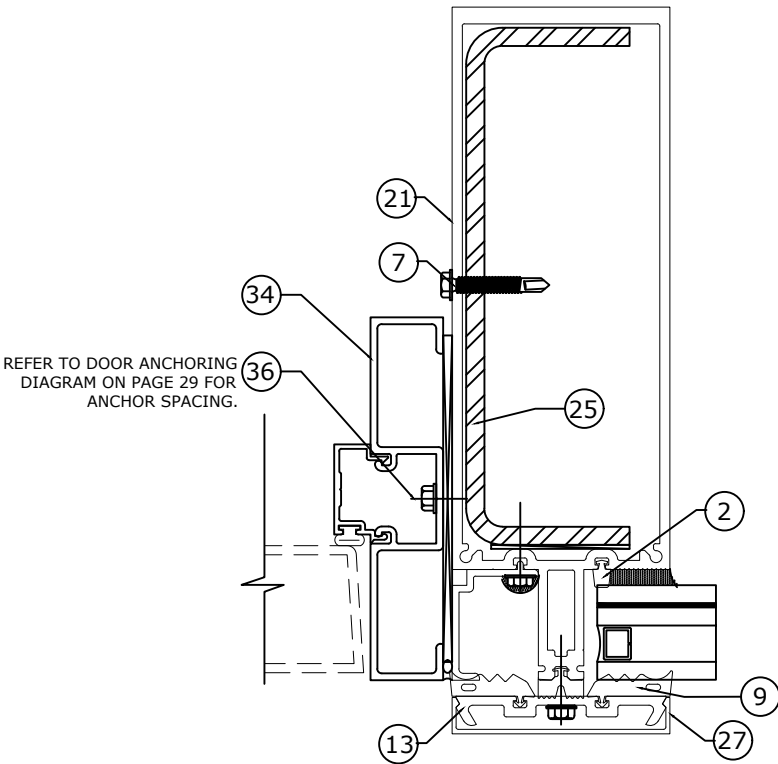
COPYRIGHT ENGINEERING EXPRESS®

**26-101740**

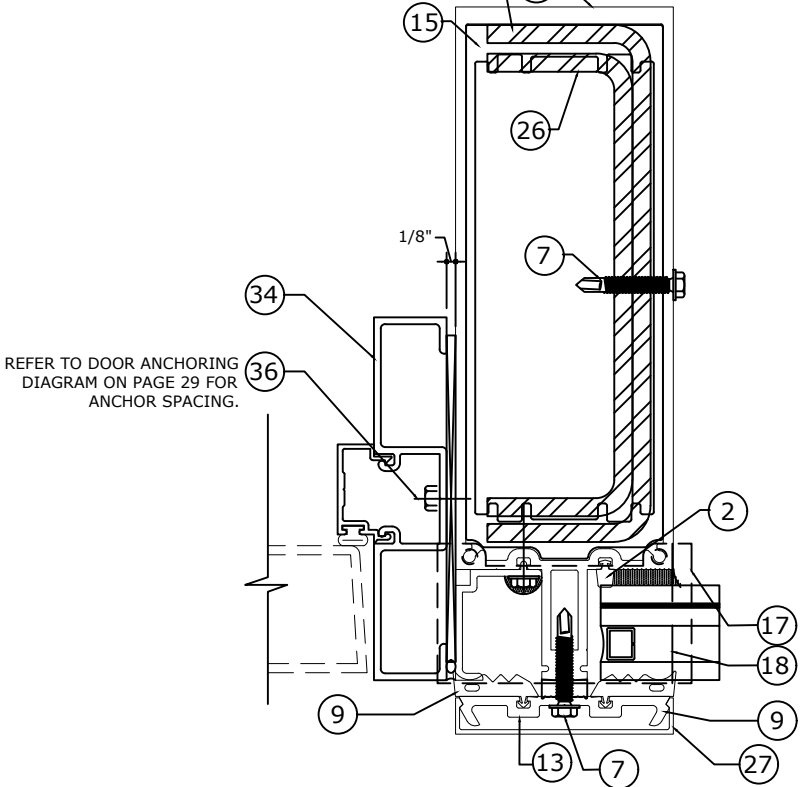
SCALE: NTS UNLESS NOTED



13 DOOR JAMB MULLION AT CURTAIN WALL WITH SIDELITE (NON REINFORCED)



14 DOOR JAMB MULLION AT CURTAIN WALL WITH SIDELITE (REINFORCED)



15 DOOR JAMB MULLION AT CURTAIN WALL WITH SIDELITE (REINFORCED)

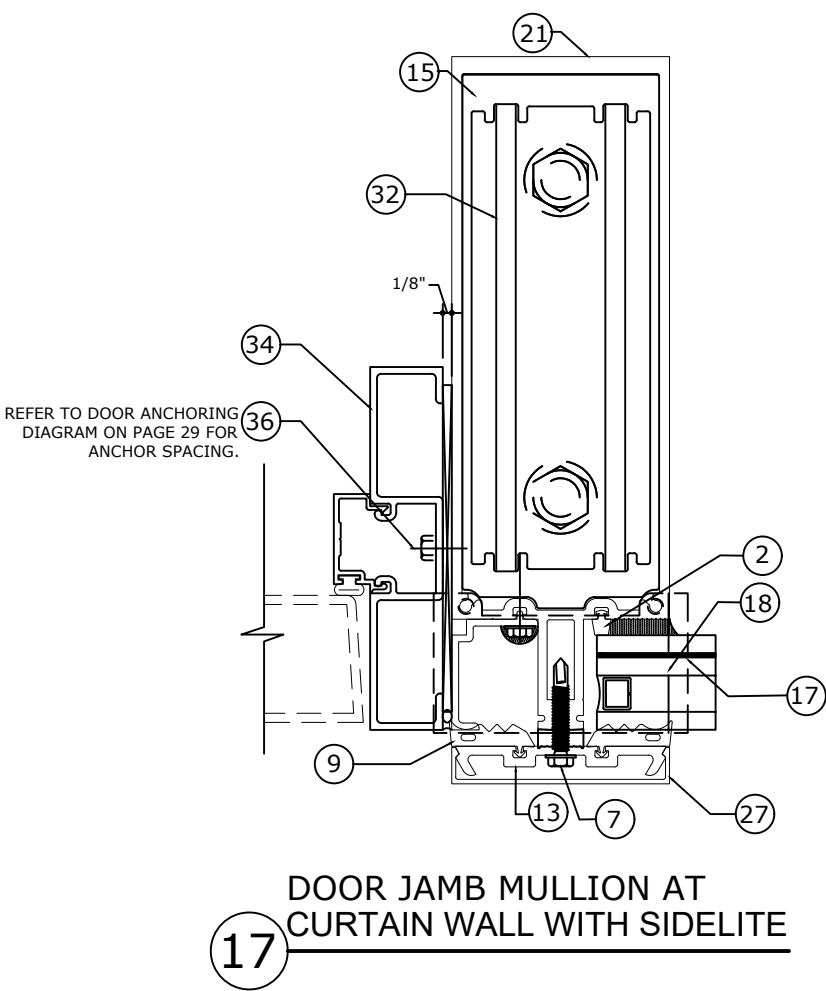
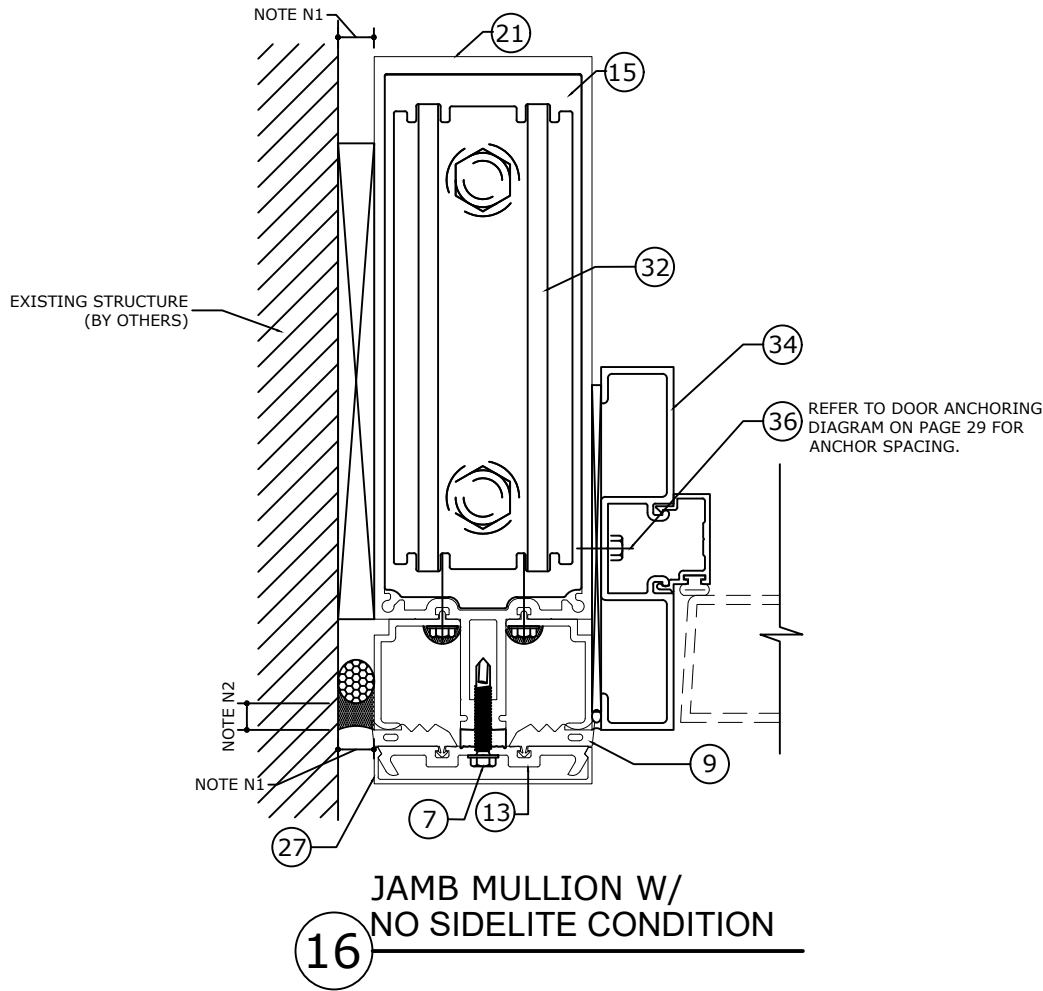
NOTE:  
REFER TO MULLION LOADING CHARTS FOR  
MULLION CAPACITIES.

SILL CONNECTION FOR JAMB MULLION W/ NO SIDELITE & FOR DOOR JAMB MULLION FOR DOORS INSTALLED AT EXISTING STRUCTURE OR ADJACENT TO CURTAIN WALL

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4



SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT WITH SEALANT (28) OR (30).

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT (28) OR (30).

NOTE: REFER TO SYSTEM ELEVATION ON PAGE 02 FOR LENGTH LIMITATIONS ON HORIZONTAL MULLIONS.

ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

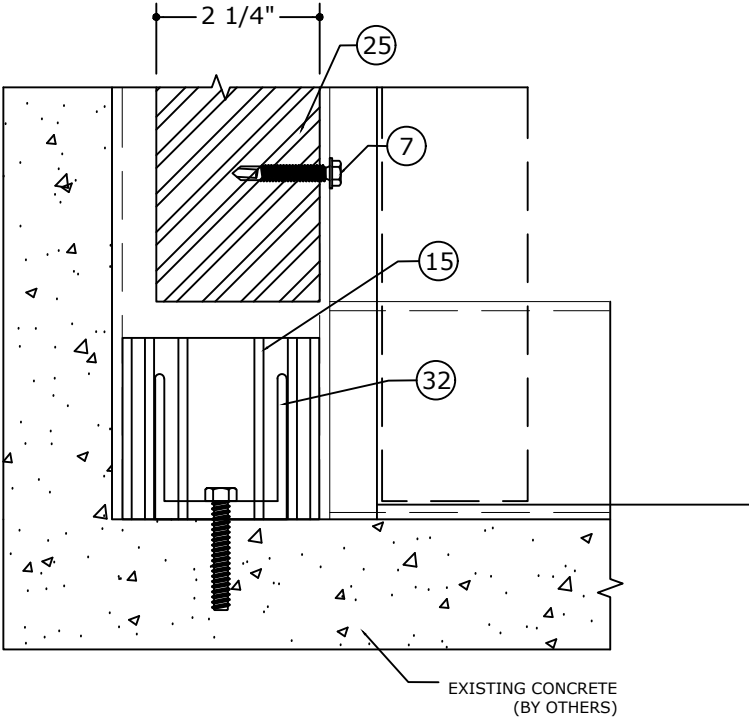
31 OF 37

SILL CONNECTION FOR JAMB MULLION W/ NO SIDELITE & FOR DOOR JAMB MULLION FOR DOORS  
INSTALLED AT EXISTING STRUCTURE OR ADJACENT TO CURTAIN WALL

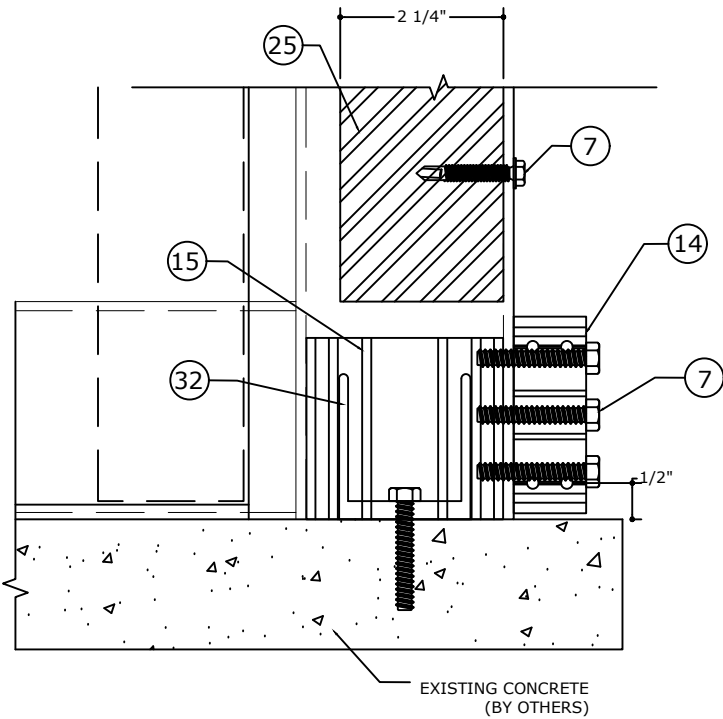
FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

FL 33108.4



ANCHORING DETAIL AT DOOR JAMB  
MULLION WITH NO SIDELITE CONDITION



ANCHORING DETAIL AT DOOR JAMB  
MULLION WITH SIDELITE CONDITION

ENGINEERING  
EXPRESS®

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

26-101740

SCALE: NTS UNLESS NOTED

32 OF 37

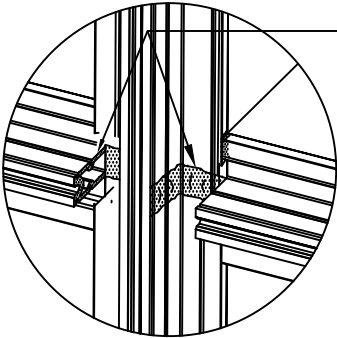
ZONE PLUG INSTALLATION

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

FL

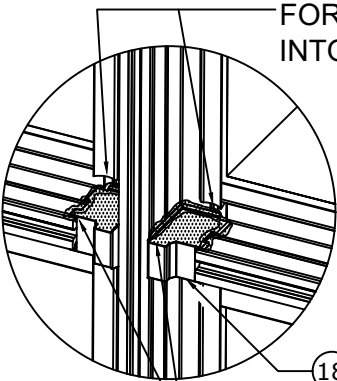
FL 33108.4

STEP 1



SEAL ALONG TONGUE OF HORIZONTAL & ACROSS FACE AND TONGUE OF MULLION BEFORE INSTALLING (18) HW-355 ZONE PLUGS.

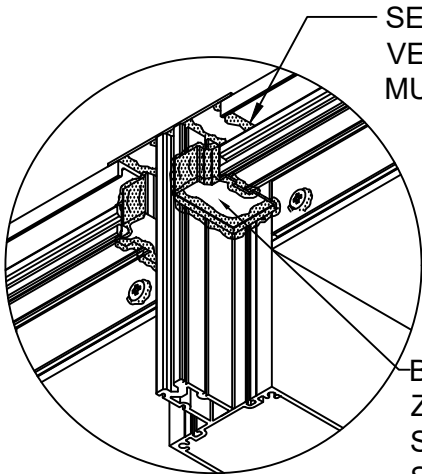
STEP 2



FORCE SEALANT INTO GASKET RACE

(18) HW-355 ZONE PLUG

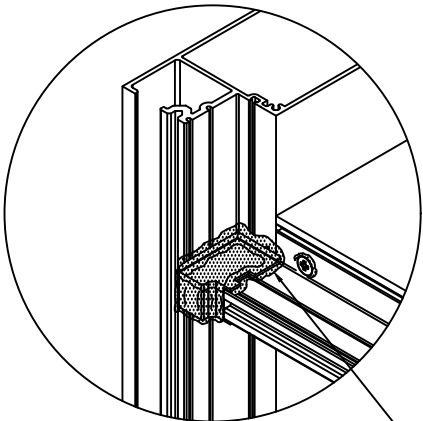
TOOL SEALANT ALONG TOP OF ZONE PLUG TO FORM A WATER TIGHT SEAL.



SEAL BETWEEN HEAD, VERTICAL MULLION AND MULLION CAP

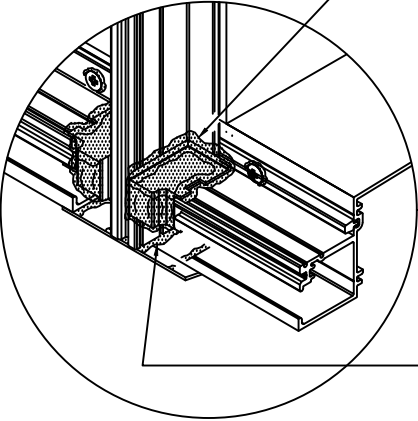
BOTTOM SIDE OF ZONE PLUG SHOWN. SEAL TOP SIDE SIMILAR.

ZONE PLUG AT HEAD



SEAL JAMB & SILL ZONE PLUGS SAME AS SHOWN AT LEFT

ZONE PLUG AT JAMB



SEAL JAMB & SILL ZONE PLUGS SAME AS SHOWN AT LEFT

SEAL BETWEEN SILL, VERTICAL & MULLION CAP

ZONE PLUG AT SILL

**ENGINEERING EXPRESS®**

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**

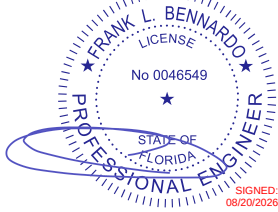
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

PRESSURE PLATE AND FACE CAP INSTALLATION

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885



FL

FL 33108.4

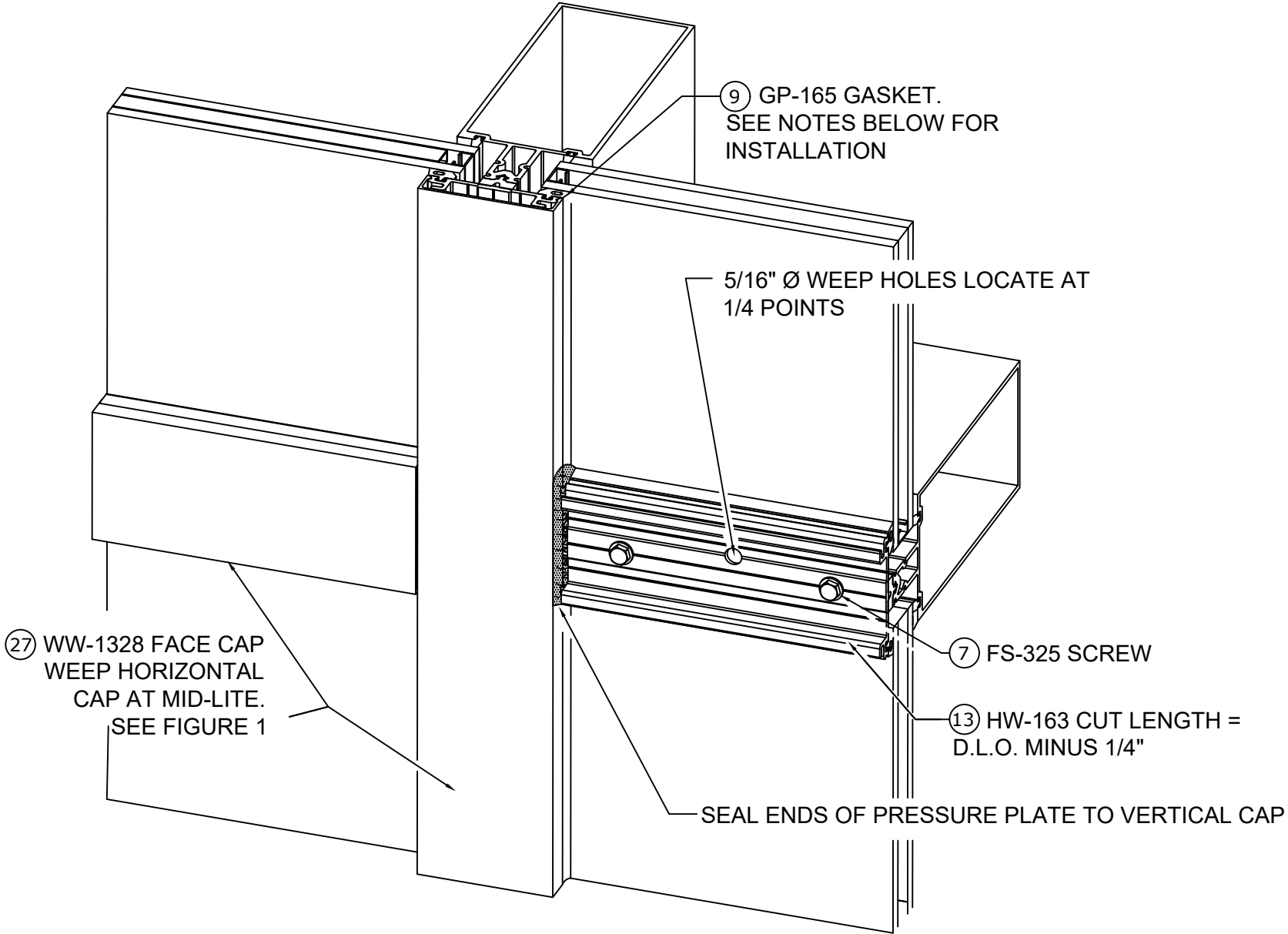
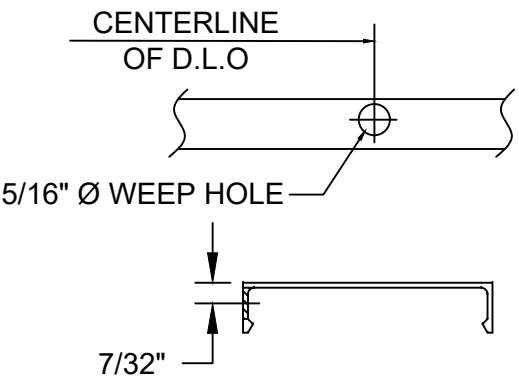


FIGURE 1  
GLAZING INSTRUCTIONS  
HORIZONTAL FACE CAP FABRICATION

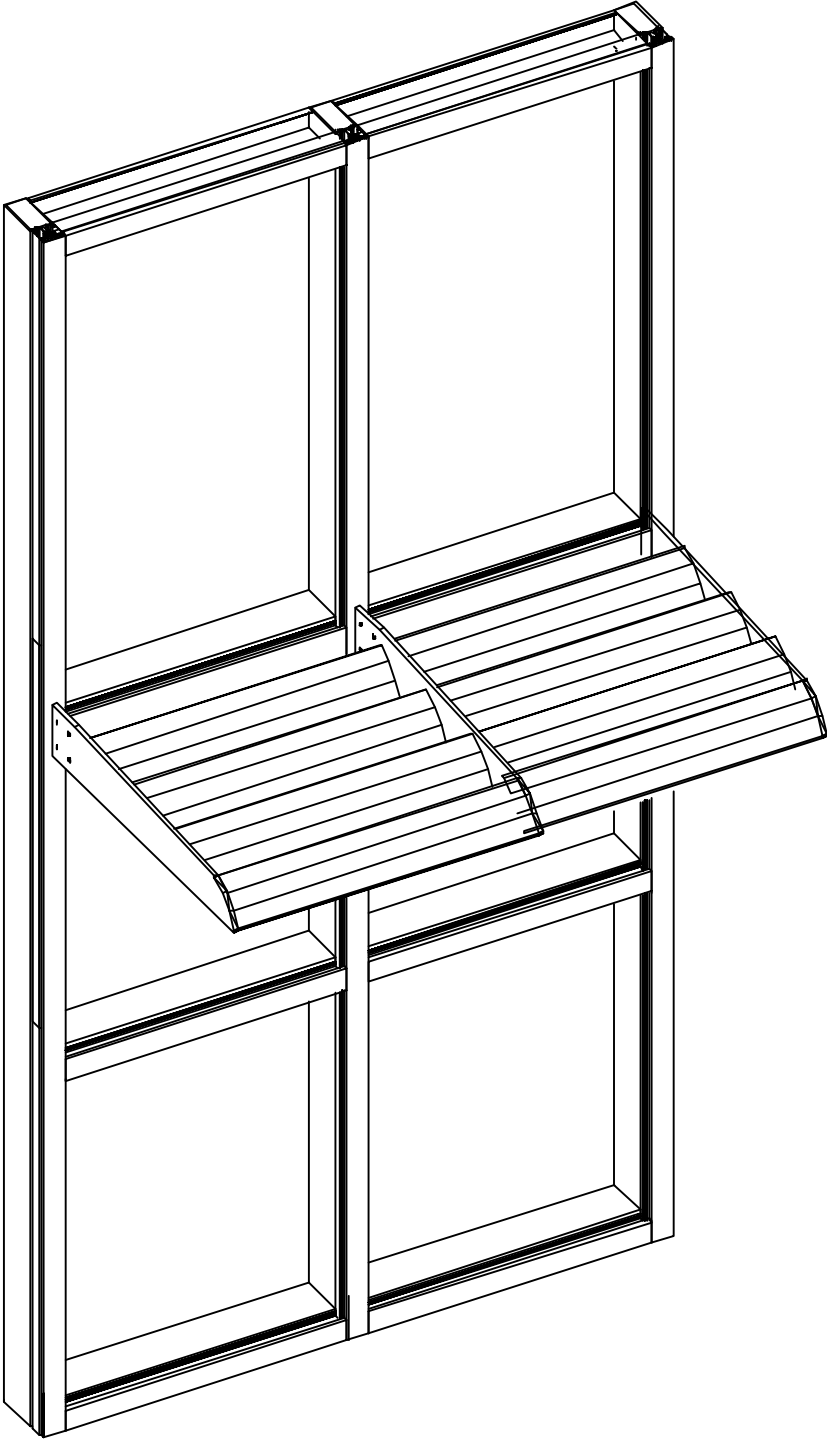


**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

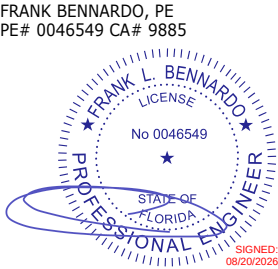
**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |
|                      | -    | -    | -        |

SUNSHADE OPTION



NOTE: OPTIONAL SUNSHADES IN NON-HVHZ  
CONDITIONS CAN BE USED BASED ON SITE  
SPECIFIC ENGINEERING.



FL

FL 33108.4

**ENGINEERING**  
**EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100

RELIANCE™ STORMMAX® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |

COPYRIGHT ENGINEERING EXPRESS®

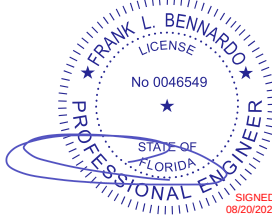
26-101740

SCALE: NTS UNLESS NOTED

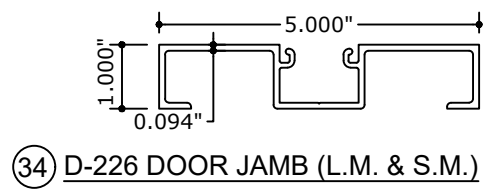
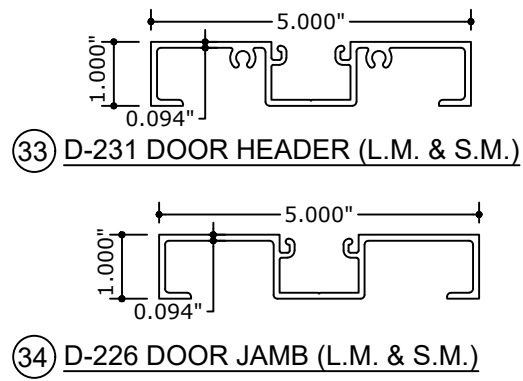
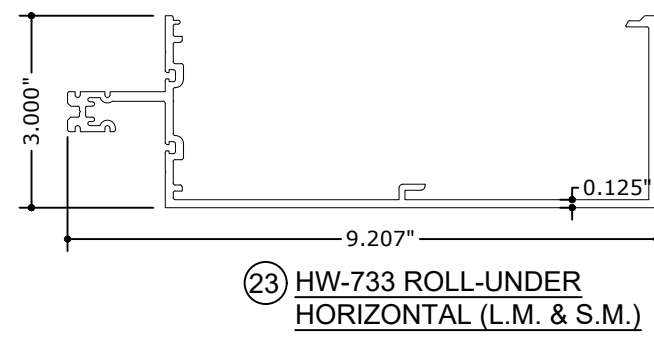
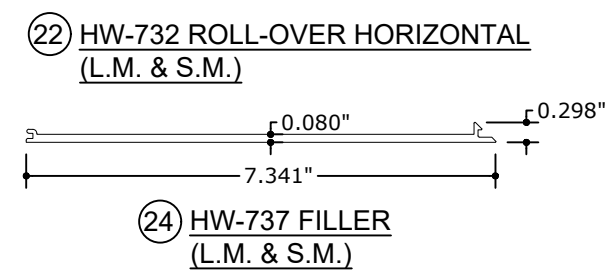
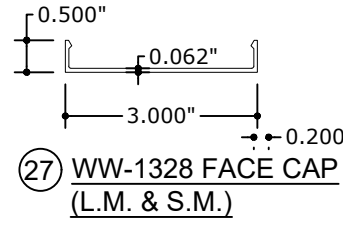
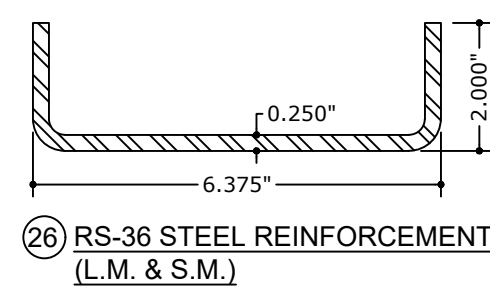
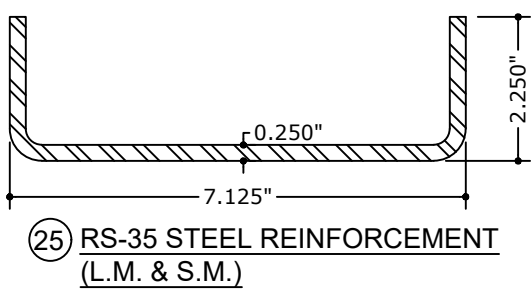
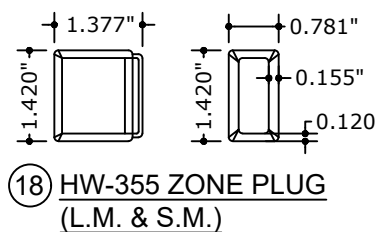
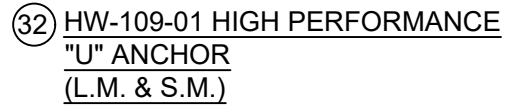
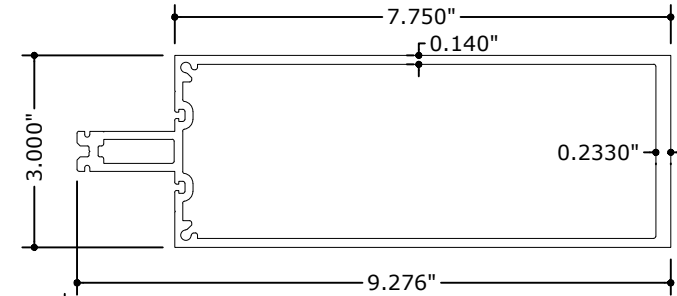
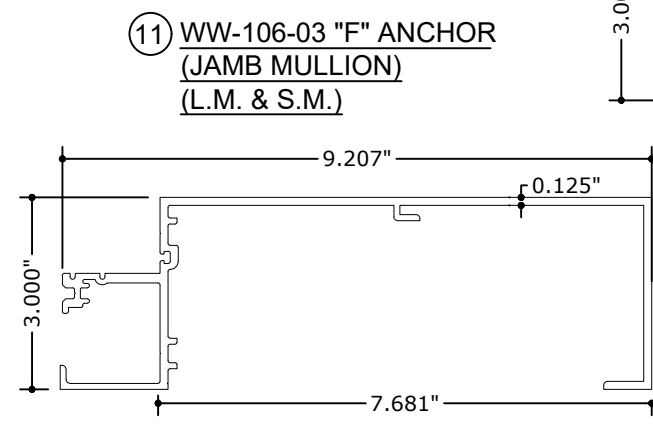
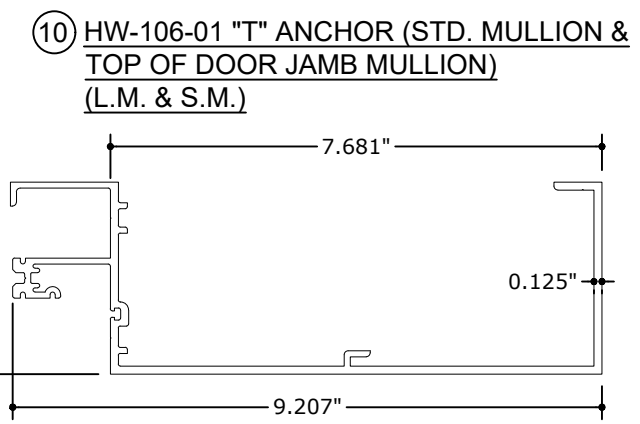
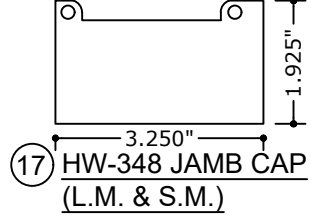
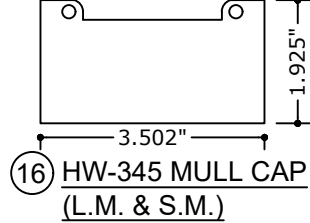
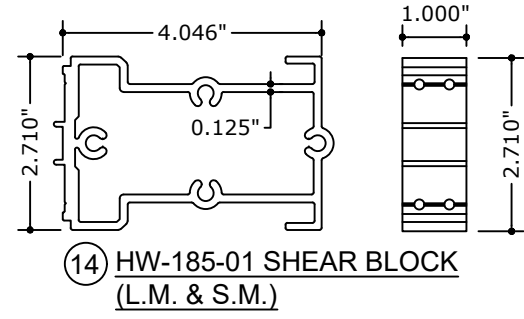
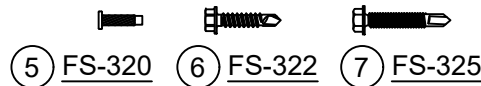
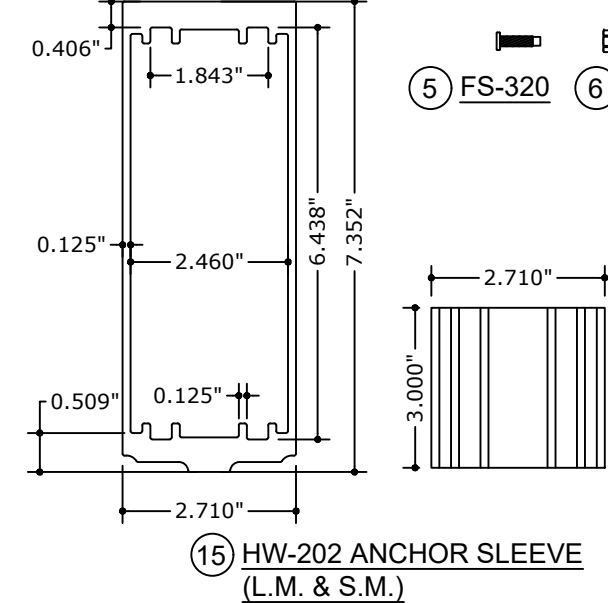
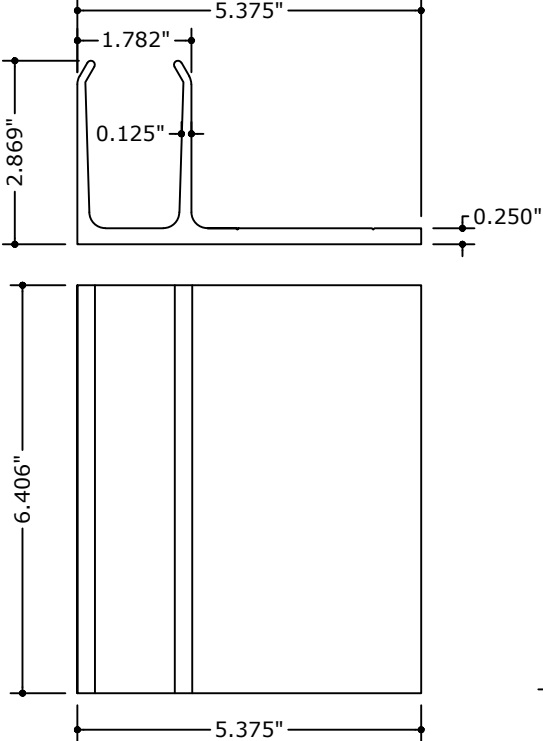
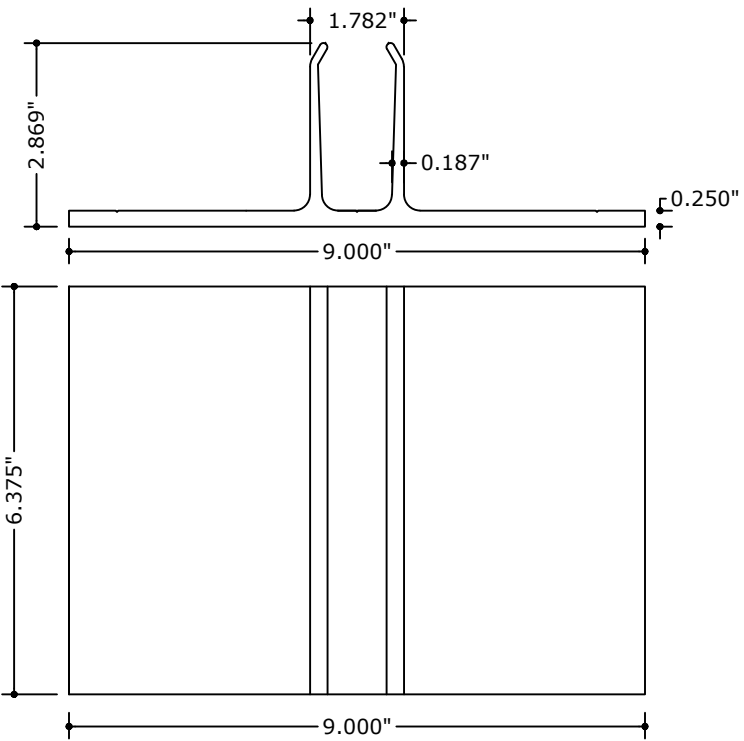
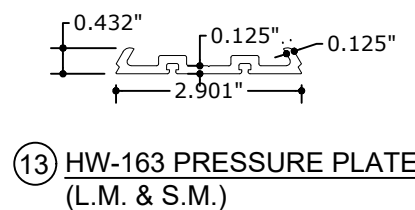
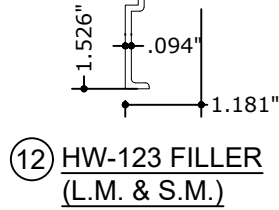
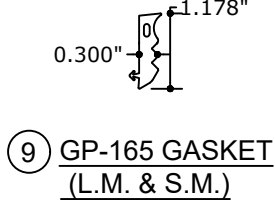
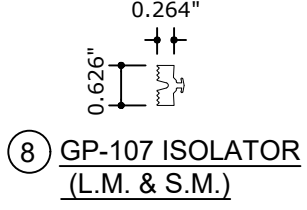
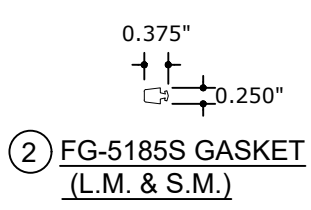
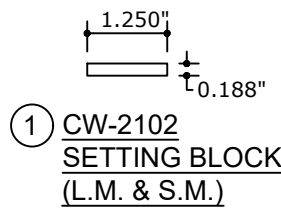
Reliance™ StormMax® HIGH PERFORMANCE CURTAIN WALL SYSTEM COMPONENTS

FRANK BENNARDO, PE  
PE# 0046549 CA# 9885

AUGUST 10, 2026



FL



FL 33108.4

**ENGINEERING EXPRESS®**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY #7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**OLDCASTLE BUILDING ENVELOPE®**  
803 AIRPORT RD.  
TERRELL, TX 75160  
PHONE: (972) 551-6100  
RELiance™ STORMMax® HIGH PERFORMANCE  
FLORIDA BUILDING CODE NINTH EDITION (2026)  
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®  
**26-101740**  
SCALE: NTS UNLESS NOTED  
**36** OF **37**

AUGUST 10, 2026



## FL 33108.4

**ENGINEERING  
EXPRESS®**

POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY # 7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

# OLD CAS ILE BUILDING ENVELOPE®

803 AIRPORT RD.

TERRELL, TX 75160

PHONE: (972) 551-6100

BEITANCE™ STORMMAX® HIGH PERFORMANCE

FLORIDA BUJIDING CODE NINTH EDITION (2026)

FLORIDA STATEWIDE APPROVAL (FSA FL#33108.4)

| REMARKS              | DRWN | CHKD | DATE     |
|----------------------|------|------|----------|
| 2020 FBC (19-20199)  | JPC  | AJP  | 08/13/20 |
| 2023 FBC (23-59835a) | SQ   | RS   | 08/16/23 |
| 2026 FBC UPDATE      | AEG  | RS   | 08/10/26 |
| -                    | -    | -    | -        |
| -                    | -    | -    | -        |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |
|                      |      |      |          |

COPYRIGHT ENGINEERING EXPRESS®

**26-101740**

**SCALE: NTS UNLESS NOTED**

37 OF 37