

GENERAL NOTES AND SPECIFICATIONS:

1. DOOR SYSTEMS WITH SIDELITE & TRANSOM (ASSEMBLIES), SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAVE BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE. DOOR MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 & 1609 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEET 2.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL FIRST BE REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE WITH MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEET 3.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. FASTENER SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH ANSI/AWC NDS-2024.

THESE ASSEMBLIES' ADEQUACY FOR WIND AND IMPACT LOAD HAVE BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203 AS PER CERTIFIED TESTING LAB. REPORTS #CTLA 1992W AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. SIDE LITES & TRANSOMS INDICATED ON THIS DRAWING MAY BE USED JOINTLY WITH OTHER APPROVED DOORS (SEE NOTE 9 FOR WATER INFILTRATION LIMITS). MAXIMUM ASD DESIGN PRESSURE RATING WILL BE THE LEAST BETWEEN THE APPROVED DOOR AND ± 50.0 psf.

2. ALL COMPONENTS SHALL BE AS SPECIFIED ON SHEET 4 AND AT THE BILL OF MATERIALS ON SHEET 3 OF THIS DRAWING. GLASS HAS BEEN VERIFIED PER ASTM E-1300, PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE,

3. COMPLIANCE OF EGRESS / ESCAPE REQUIREMENTS OF DOORS PER FLORIDA BUILDING CODE SHALL BE DETERMINED BY BUILDING OFFICIALS ON A CASE-BY-CASE BASIS.

4. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) SHALL BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH & SHALL COMPLY WITH FLORIDA BUILDING CODE SECTIONS 2411.3.3.4 & 1711.

5. ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY A.W.S. D.1.3 AND D-19.0 REGULATIONS WITH E60XX ELECTRODES, FOR GALVANNEAL MATERIAL, AND WITH AMERICAN WELDING SOCIETY A.W.S. D.1.6 REGULATIONS WITH E-308 ELECTRODES (FU=80k.s.i.) FOR STAINLESS STEEL MATERIAL

6. ALL ANCHORS FOR FRAME CONNECTIONS TO EXISTING STRUCTURE SHALL BE AS SPECIFIED ON SHEET 12 OF THIS DRAWING. MAXIMUM ANCHOR SPACING SHALL BE AS PER SCHEDULE ON SHEET 12 AND ELEVATIONS ON SHEET 2 OF THIS DRAWING. SEE SHEETS 2 & 12 FOR THRESHOLD ANCHORS, AND SHEET 11 FOR MULLION ANCHORS. ANCHORS SHALL COMPLY WITH SECTION 1711 OF THE FLORIDA BUILDING CODE.

7. PROVIDE MAX. LOAD BEARING SHIM SPACE AS INDICATED ON SHEETS 6 & 7.

8. ASSEMBLIES WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

9. THESE ASSEMBLIES (DOOR SHOWN ON THIS DRAWING OR ANY OTHER APPROVED DOOR PLUS SIDE LITES & TRANSOM) ARE NOT APPROVED FOR WATER AND AIR INFILTRATION, AND SHALL NOT BE USED WHERE WATER INFILTRATION IS REQUIRED. HOWEVER, ASSEMBLIES THAT DO NOT INCLUDE DOORS ARE APPROVED FOR WATER & AIR INFILTRATION.

10. PROVIDE SPECIFIED SEALANT AT ALL DOOR FRAME, THRESHOLD AND AT SIDELITE TRANSOM FRAME, AS INDICATED ON THIS DRAWING.

11. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE AND, MUST BE SOUTHERN PINE WITH G=0.55, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3; 2326 OF THE FLORIDA BUILDING CODE.

12. PRODUCT SHALL COMPLY WITH SECTION 2406 OF THE FLORIDA BUILDING CODE.

13. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2026 ALUMINUM DESIGN MANUAL.

14. SHOP DRAWINGS PREPARED BASED ON THIS APPROVAL AND TAKING INTO ACCOUNT THE SPECIFIC JOB CONDITIONS, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AS PART OF THE PERMIT DOCUMENTS.

15. THE PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO SUSTAIN THE SUPERIMPOSED LOADS TRANSFERRED BY THESE DOORS AND SIDELITE/STRANSOM SYSTEM.

16. (a) THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.

(b) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT THE SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

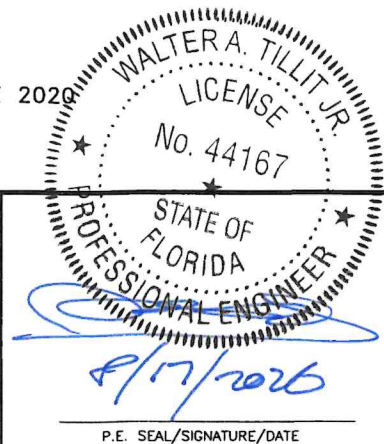
(d) THE ORIGINAL P.E.D SHALL BEAR THE DATE, SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD WHO PREPARED IT.

17. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED AT A READILY VISIBLE LOCATION ON THE PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

SHEETS CONTENT:

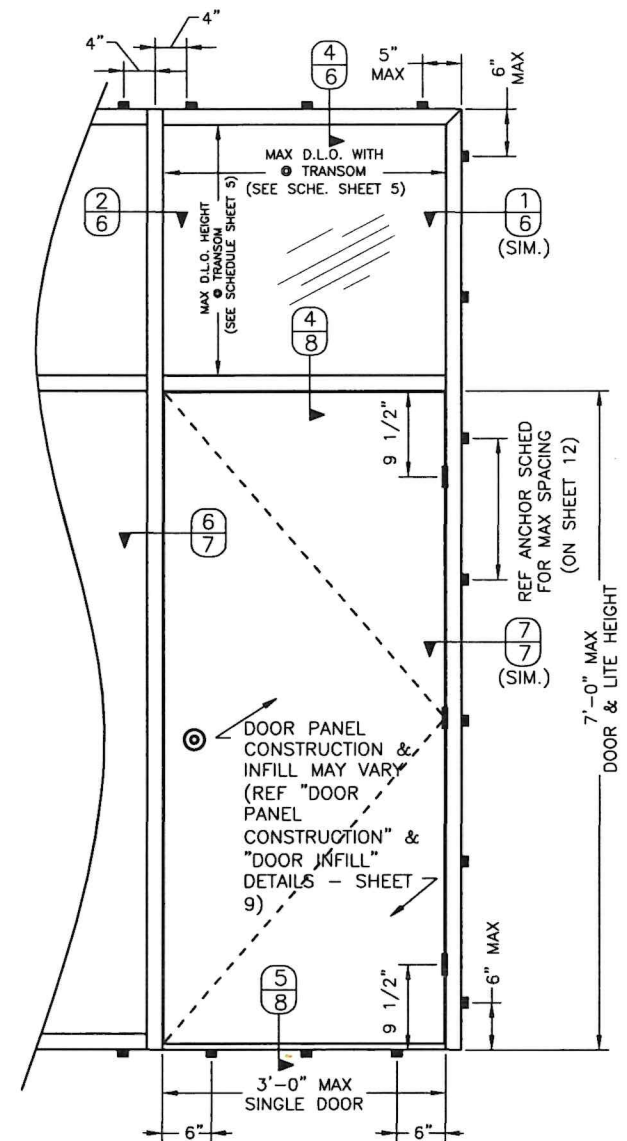
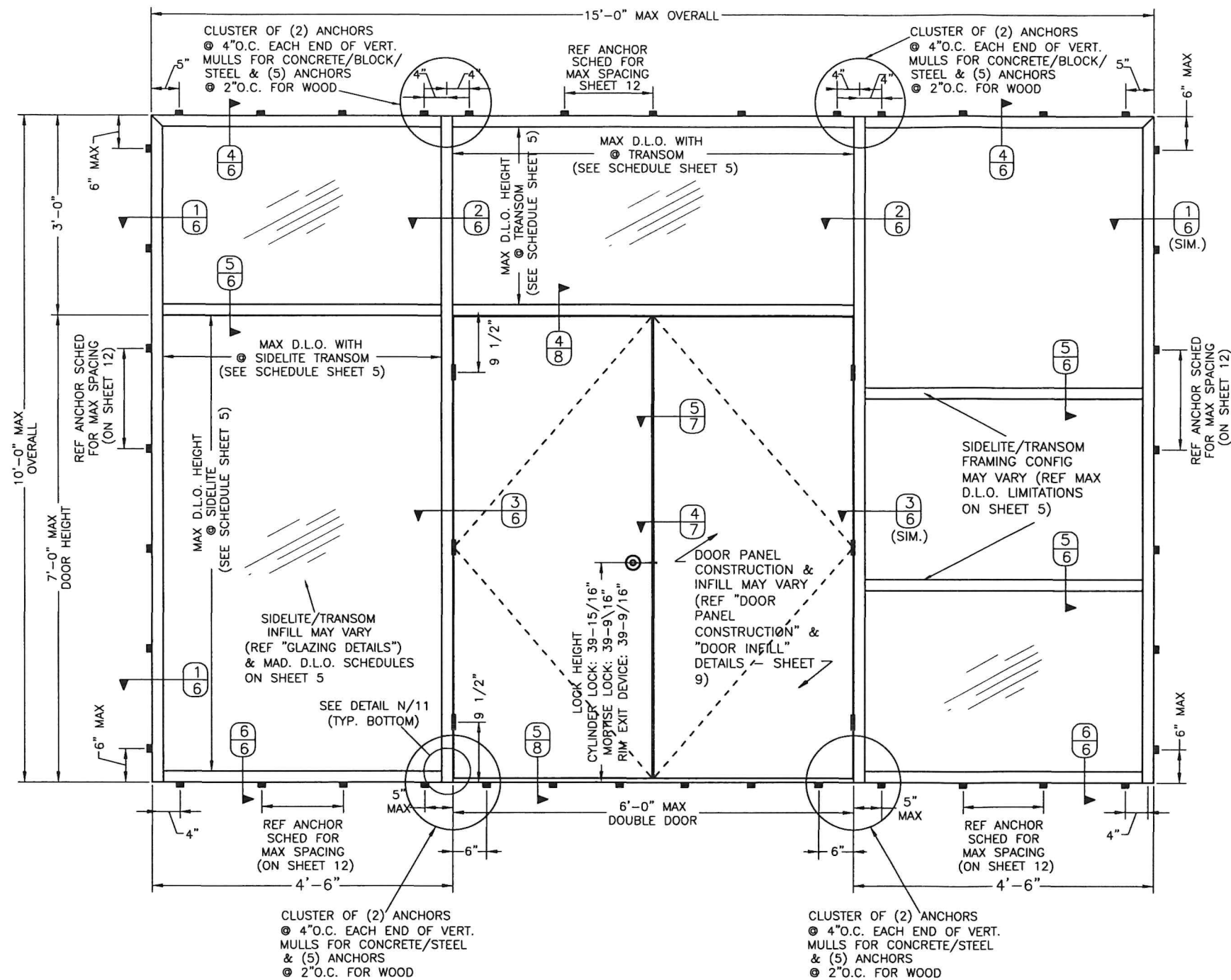
- SHEET #1 INDEX, COVER SHEET & GENERAL NOTES
- SHEET #2 ASSEMBLY ELEVATIONS.
- SHEET #3 BILL OF MATERIALS.
- SHEET #4 COMPONENTS.
- SHEET #5 GLAZING DETAILS.
- SHEET #6 VERTICAL AND HORIZONTAL SECTIONS.
- SHEET #7 HORIZONTAL SECTIONS AT HARDWARE.
- SHEET #8 VERTICAL SECTIONS AT HARDWARE.
- SHEET #9 DOOR PANELS HORIZONTAL SECTIONS AT DOOR PANELS.
- SHEET #10 RIM EXIT DEVICE W/ REMOVABLE MULLION.
- SHEET #11 FRAMING DETAILS AND MULLION INSTALLATION DETAILS.
- SHEET #12 ANCHOR DETAILS & MAX. SPACING SCHEDULE.

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA



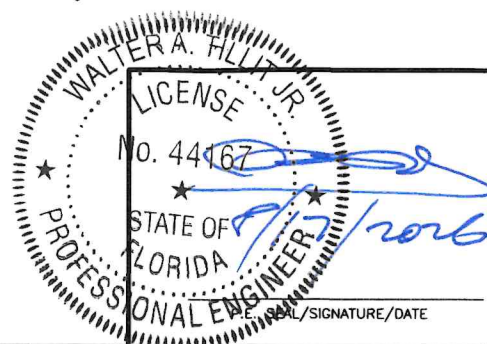
TILTECO INC. logo and contact information: 6355N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33166. Phone: (305)871-1530. Fax: (305)871-1531. Email: tilteco@aol.com. CA-0006719. WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167

| FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)                                                                                                          |             |          |         |                 |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|---------|-----------------|---------------|
| DOUBLE & SINGLE COMMERCIAL GALVANNEAL OR STAINLESS STEEL DOOR, FLUSH, EMBOSSED, W/ VISION LITE OR LOUVER KITS WITH SIDE LITES & TRANSOMS OF DIFFERENT INFILLS |             |          |         | DRAWN BY: W.H.  |               |
| DAYBAR INDUSTRIES LTD                                                                                                                                         |             |          |         | 08/07/2026 DATE |               |
| 50 WEST DRIVE, BRAMPTON, ON CANADA, L6T 2J4                                                                                                                   |             |          |         | 26-251          |               |
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| 1                                                                                                                                                             | OLD 23-177  | 08/07/26 | 3       |                 |               |
| 2                                                                                                                                                             |             |          | 4       |                 |               |
|                                                                                                                                                               |             |          |         |                 | SHEET 1 OF 12 |



# TYPICAL EXTERIOR ELEVATION FOR STEEL DOOR SYSTEMS (DOUBLE & SINGLE) WITH SIDELITES & TRANSOMS

MAXIMUM A.S.D. DESIGN  
 PRESSURE RATING:  
 +50.0, -50.0 PSF



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 Phone : (305)871-1530 . Fax : (305)871-1531  
 e-mail: tilteco@aol.com  
 CA-0006719  
 WALTER A. TILLIT Jr. P.E.  
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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

DOUBLE & SINGLE COMMERCIAL  
 GALVANNEAL OR STAINLESS STEEL DOOR, FLUSH,  
 EMBOSSED, W/ VISION LITE OR LOUVER KITS WITH SIDE  
 LITES & TRANSOMS OF DIFFERENT INFILLS

**DAYBAR INDUSTRIES LTD**  
 50 WEST DRIVE, BRAMPTON,  
 ON CANADA, L6T 2J4  
 TEL: 905 625-8000  
 FAX: 905 625-4204

DRAWN BY:  
 W.H.

08/07/2026  
 DATE

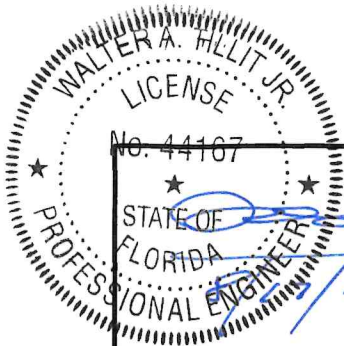
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SHEET 2 OF 12

BILL OF MATERIALS:

| ITEM | DESCRIPTION                                                           | MATERIAL                                                                                         | SIZE AND SPEC'S                                                                   |
|------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1    | FRAME MULLION CLIPS ("L" & "U")<br>PERIMETER FRAME (HEAD, SILL, JAMB) | 16ga (0.051") GALVANNEALED STEEL:<br>ASTM A653, TYPE B, WITH A40 PAINTABLE GALVANNEAL COATING    | (Fy=45ksi, Fu=52ksi) OR AISI 304 SERIES STAINLESS STEEL<br>(Fy=45ksi, Fu=101ksi). |
| 2    | FRAME MULLION (VERT & HORIZ)                                          | SAME AS ITEM #1                                                                                  |                                                                                   |
| 3    | FRAME MULLION REINFORCEMENT                                           | 14ga GALV STEEL                                                                                  |                                                                                   |
| 4    | DOOR PANEL ASSEMBLY (FLUSH OR EMBOSSED)                               | GALVANNEALED STEEL: ASTM A924, ASTM A653, TYPE B, WITH A40 PAINTABLE GALVANNEAL COATING          | (Fy=45ksi, Fu=60ksi) OR AISI 304 SERIES STAINLESS STEEL<br>(Fy=45ksi, Fu=101ksi)  |
| 5    | THRESHOLD: NATIONAL GUARD PRODUCTS #950NA                             | EXTRUDED ALUMINUM 6063-T5                                                                        |                                                                                   |
| 6    | SECURITY LOUVER KIT: AIR LOUVERS MODEL 1500-A                         | PER MANUFACTURER'S SPECS                                                                         |                                                                                   |
| 7    | DOOR SNAP-IN TOP CAP                                                  | 20ga GALVANNEAL STEEL (ASTM A653 WITH G60 COATING) OR STAINLESS STEEL(AISI 304SERIES)            |                                                                                   |
| 8    | GLAZING STOP                                                          | GALVANNEAL STEEL OR STAINLESS STEEL                                                              |                                                                                   |
| 9    | FRAME MULLION CLIP ("U")                                              | GALVANNEAL STEEL OR STAINLESS STEEL                                                              | USE "U" CLIP ⑨ AT BOTTOM ALWAYS                                                   |
| 10   | HINGES: HAGER #BB-1279                                                | STEEL (PER MFR'S SPECS)                                                                          |                                                                                   |
| 11   | RIM EXIT DEVICE: VON DUPRIN 98/99L W/ 499F STRIKE                     | PER MFR'S SPECS                                                                                  |                                                                                   |
| 12   | REMOVABLE MULLION: VON DUPRIN #9954                                   | PER MFR'S SPECS                                                                                  |                                                                                   |
| 13   | CYLINDRICAL LOCK: SCHLAGE "D" SERIES                                  | PER MFR'S SPECS                                                                                  |                                                                                   |
| 14   | DEAD BOLT: SCHLAGE "B" SERIES                                         | PER MFR'S SPECS                                                                                  |                                                                                   |
| 15   | MORTISE LOCKSET W/ DEADBOLT: SCHLAGE L9000 SERIES                     | PER MFR'S SPECS                                                                                  |                                                                                   |
| 16   | SURFACE BOLT: HAGER #275D (8" LONG)                                   | PER MFR'S SPECS                                                                                  |                                                                                   |
| 17   | "Z" ASTRAGAL                                                          | ASTM A500, GRADE 'B' GALVANNEAL STEEL OR STAINLESS STEEL                                         |                                                                                   |
| 18   | PRESS-ON BULB WEATHERSTRIPPING: NATIONAL GUARD PRODUCTS #361          | NEOPRENE, SELF-ADHESIVE                                                                          |                                                                                   |
| 19   | DOOR STILE HINGE REINFORCEMENT                                        | 8ga GALVANNEAL STEEL OR STAINLESS STEEL                                                          |                                                                                   |
| 20   | FRAME HINGE REINFORCEMENT                                             | 8ga GALVANNEAL STEEL OR STAINLESS STEEL                                                          |                                                                                   |
| 21   | ASTRAGAL STRIKE REINFORCEMENT                                         | 12ga GALVANNEAL STEEL OR STAINLESS STEEL                                                         |                                                                                   |
| 22   | FRAME STRIKE REINFORCEMENT                                            | GALVANNEAL STEEL OR STAINLESS STEEL                                                              |                                                                                   |
| 23   | MORTISE LOCK & RIM EXIT DEVICE REINFORCEMENT                          | 0.074" MIN GALVANNEAL STEEL OR STAINLESS STEEL                                                   |                                                                                   |
| 24   | CYLINDRICAL LOCK AND DEADBOLT REINFORCEMENT                           | STEEL, SATIN COATING                                                                             |                                                                                   |
| 25   | DOOR SURFACE BOLT REINFORCEMENT: 1.688" x 3.5" x 9"                   | 14ga (0.074") GALVANNEAL STEEL OR STAINLESS STEEL                                                |                                                                                   |
| 26   | DOOR CLOSER REINFORCEMENT                                             | GALVANNEAL STEEL OR STAINLESS STEEL                                                              |                                                                                   |
| 27   | BUTTERFLY ANCHOR CLIP: EMA #PT1-008                                   | STEEL                                                                                            | 18 GAUGE STEEL SATIN COAT.                                                        |
| 29   | MULLION FITTING #8620                                                 | STEEL                                                                                            | USE AT ⑫                                                                          |
| 35   | WIRE MASONRY FRAME ANCHORS                                            | STEEL W/ MIN. YIELD STRENGTH = 40.2Ksi AND MIN. TENSILE STRENGTH = 95.9 Ksi                      | 9 1/2" LONG X 0.157" MIN. DIAMETER.                                               |
| 40   | CAULKING GE SILICONE II                                               | SILICONE                                                                                         | AS SHOWN ON DETAIL.                                                               |
| 41   | SURFACE STRIKE REINFORCEMENT                                          | 12 GAGE GALVANNEAL OR STAINLESS STEEL                                                            | 12 GAGE (0.097" MIN.) x 154" x 11.875" LONG (SEE SHEET 10).                       |
| 42   | DOOR SNAP-IN TOP/BOTTOM CAP: 1.5625" x 1.00"                          | 20ga (0.032") GALVANNEAL STEEL (ASTM A653 WITH G60 COATING) OR STAINLESS STEEL (AISI 304 SERIES) |                                                                                   |
| 43   | DOOR TOP/BOTTOM CHANNEL: 1.6875" x 1.439"                             | 16ga (0.051") GALVANNEAL STEEL (ASTM A653 WITH G60 COATING) OR STAINLESS STEEL (AISI 304 SERIES) |                                                                                   |



P.E. SEAL/SIGNATURE/DATE

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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

DOUBLE & SINGLE COMMERCIAL  
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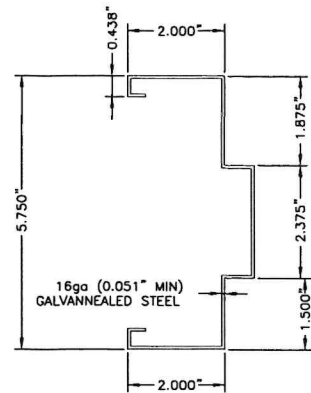
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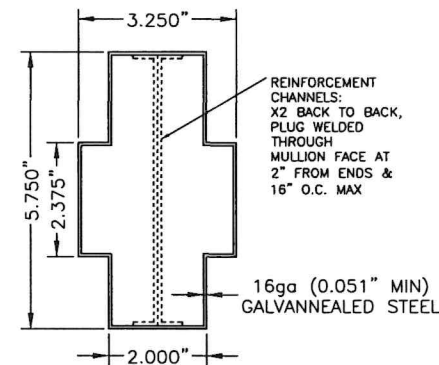
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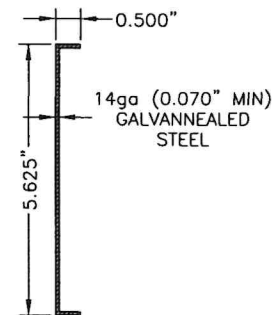
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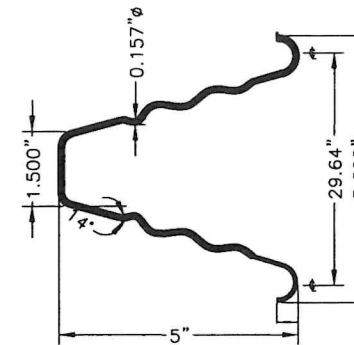
① PERIMETER FRAME



② FRAME MULLION

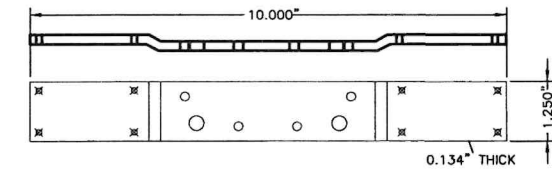


③ FRAME MULLION REINFORCEMENT

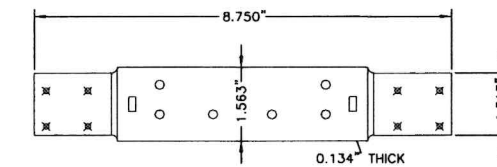


③⑤ WIRE ANCHOR FOR DETAIL #1/12

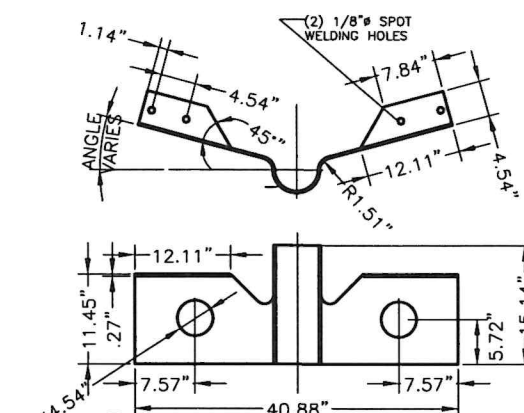
STEEL WIRE ANCHORS  
(0.157" DIA, 9 1/2" LONG) IN HORIZ.  
Fu Min.=95.9 Ksi, Fy Min.=40.2 Ksi



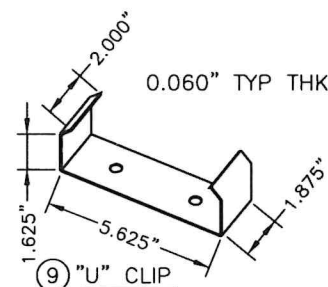
①⑨ DOOR STILE HINGE REINF



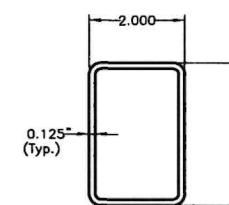
②⑩ FRAME/MULL HINGE REINF



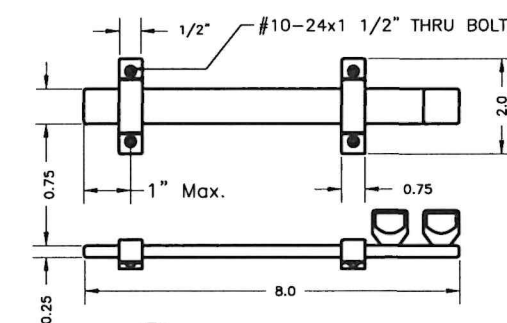
②⑦ EMA BUTTERFLY ANCHOR (PART #PT1-008)  
FOR DETAILS 2/10, 3/10, 4/10 & 6/10  
MATERIAL: 18 GA SATIN COAT



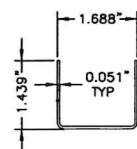
⑨ MULL ANCHOR CLIP



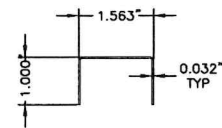
①② REMOVABLE MULLION



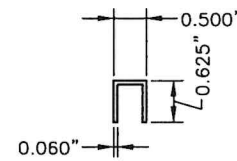
①⑥ SURFACE BOLT



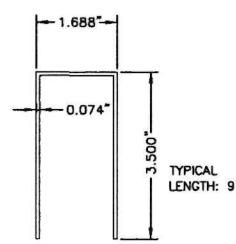
④③ DOOR TOP/BOTTOM CHANNEL



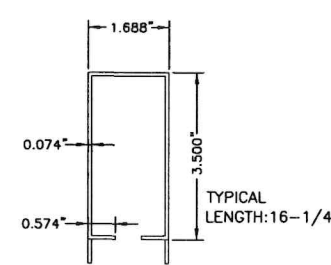
④② DOOR SNAP-IN TOP/BOTTOM CAP



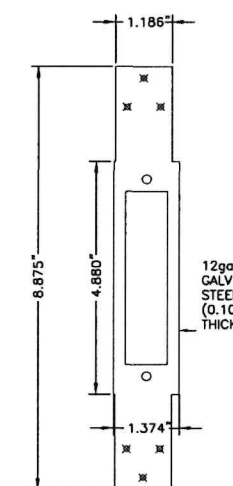
⑧ GLAZING STOP



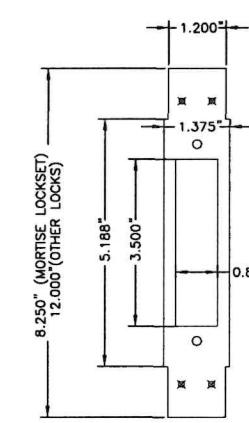
②⑤ SURFACE BOLT REINFORCEMENT



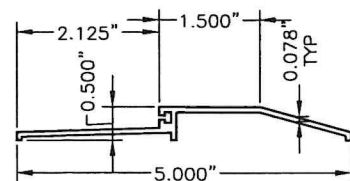
②⑥ DOOR CLOSER REINFORCEMENT



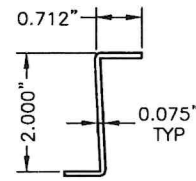
②① ASTRAGAL STRIKE REINF



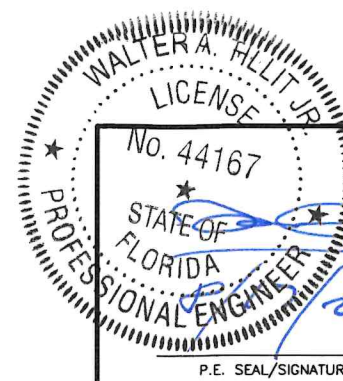
②② FRAME/MULL STRIKE REINF



⑤ THRESHOLD



①⑦ "Z" ASTRAGAL



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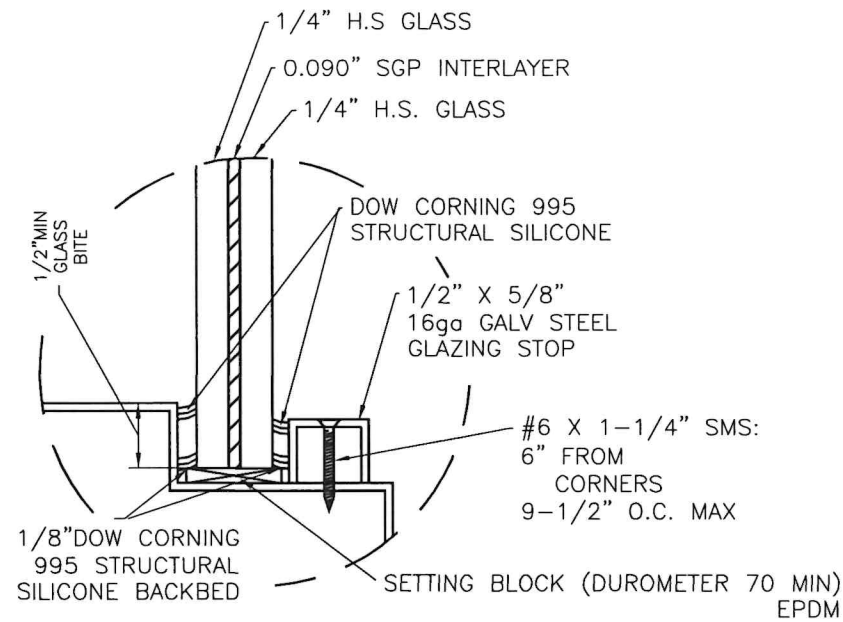
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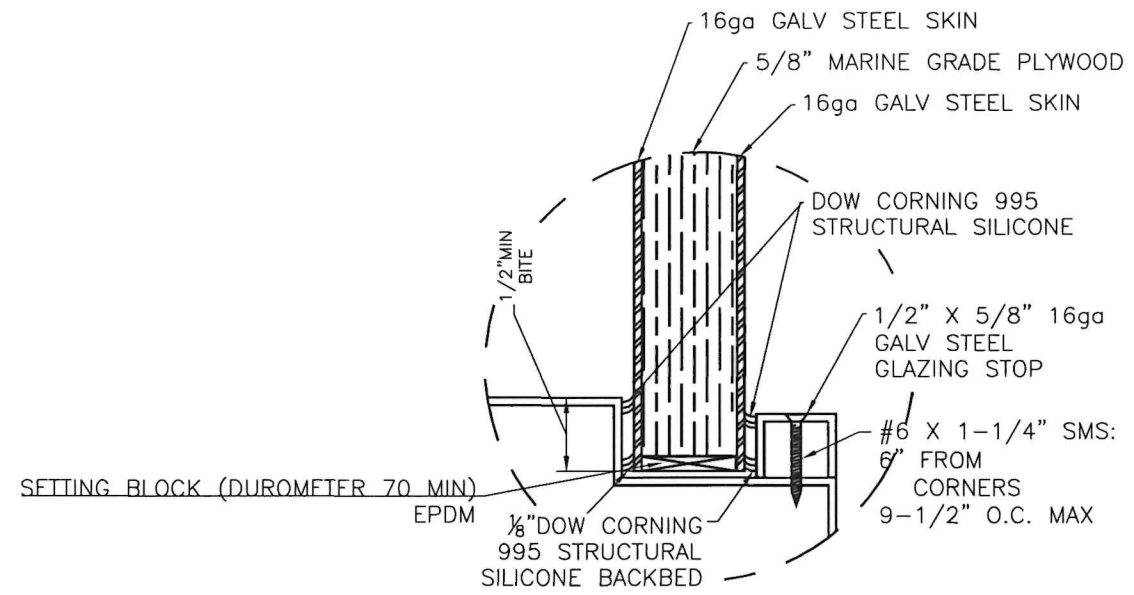
26-251 DRAWING No

SHEET 4 OF 12

| REV. No | DESCRIPTION | DATE     | REV. No | DESCRIPTION | DATE |
|---------|-------------|----------|---------|-------------|------|
| 1       | OLD 23-177  | 08/07/26 | 3       |             |      |
| 2       |             |          | 4       |             |      |



**(G1) GLAZING INFILL: OPTION #1**  
**9/16" LAMINATED GLASS \***



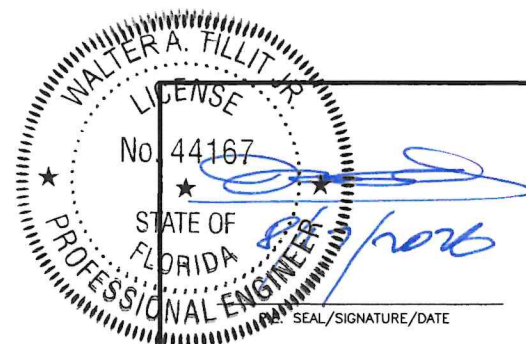
**(P1) STEEL PANEL INFILL: OPTION #2**  
**5/8" STEEL-CLAD PANEL \***

## GLAZING DETAILS AT SIDELITE & TRANSOM

\* SEE SCHEDULE FOR MAX. DLO BELOW

### MAX. DLO FOR (G1) & (P1)

| INFILL | MAX DLO WIDTH | MAX DLO HEIGHT |
|--------|---------------|----------------|
| (G1)   | 50"           | 82"            |
| (P1)   | 50"           | 32"            |



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 e-mail: tilteco@aol.com  
 CA-0006719  
 WALTER A. TILLIT Jr. P.E.  
 FLORIDA Lic. # 44167

### FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

DOUBLE & SINGLE COMMERCIAL  
 GALVANNEAL OR STAINLESS STEEL DOOR, FLUSH,  
 EMBOSSED, W/ VISION LITE OR LOUVER KITS WITH SIDE  
 LITES & TRANSOMS OF DIFFERENT INFILLS

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 ON CANADA, L6T 2J4  
 TEL: 905 625-8000  
 FAX: 905 625-4204

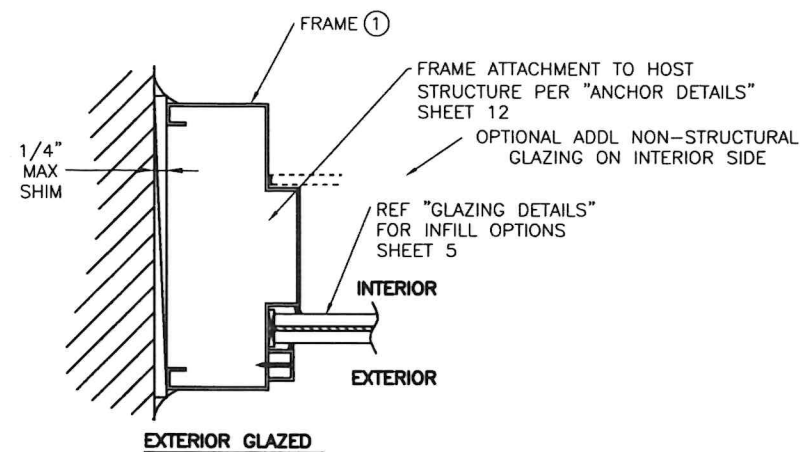
DRAWN BY:  
 W.H.

08/07/2026  
 DATE

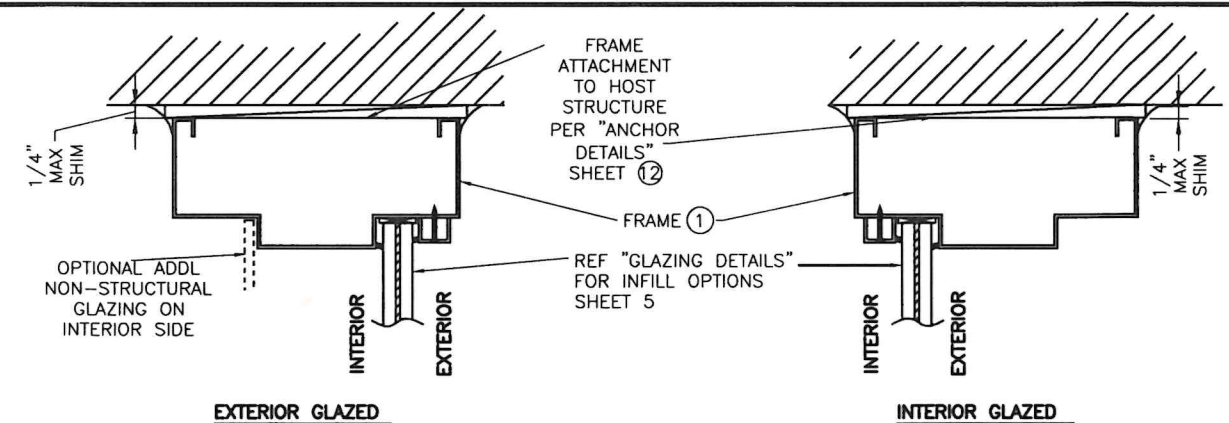
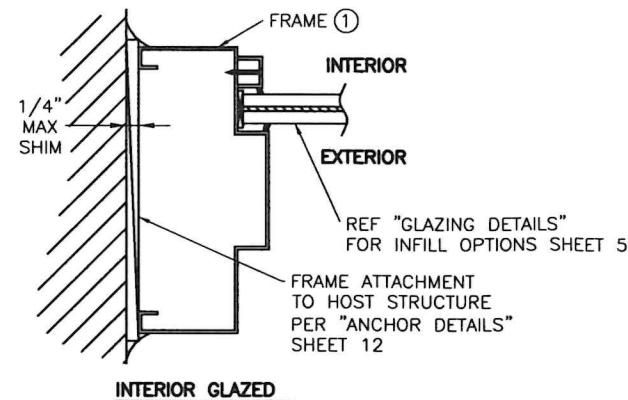
**26-251**  
 DRAWING No

| REV. No | DESCRIPTION   | DATE     | REV. No | DESCRIPTION | DATE |
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| 2       | SETTING BLOCK | 09/21/26 | 4       |             |      |

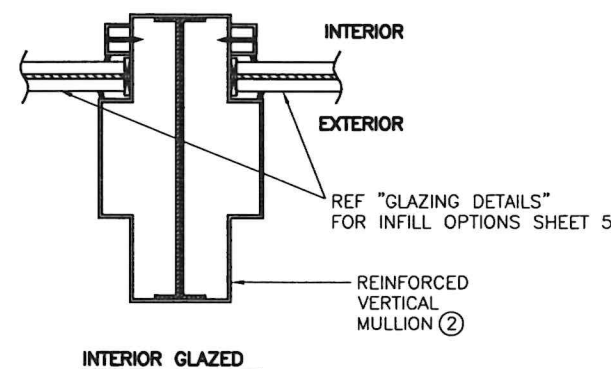
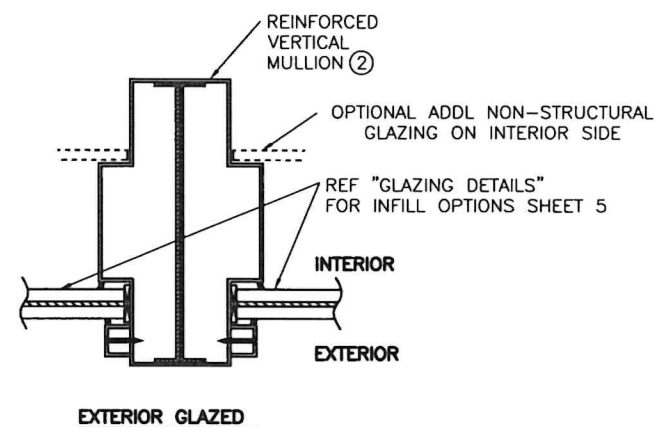
SHEET 5 OF 12



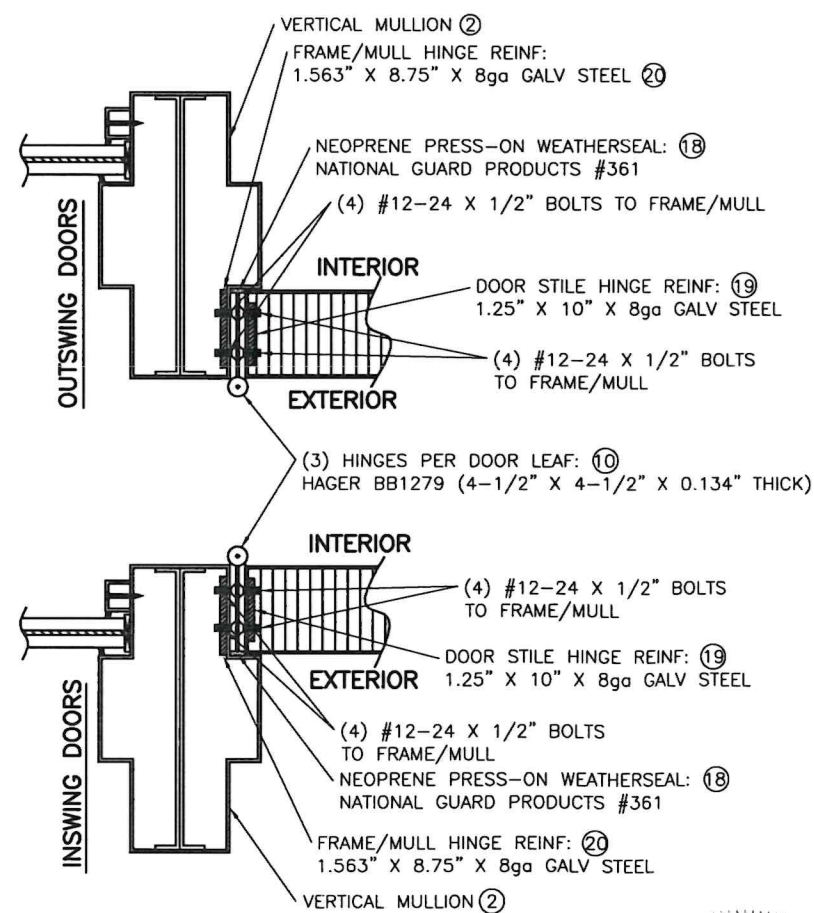
1  
6 SIDELITE/TRANSOM FRAME AT JAMB



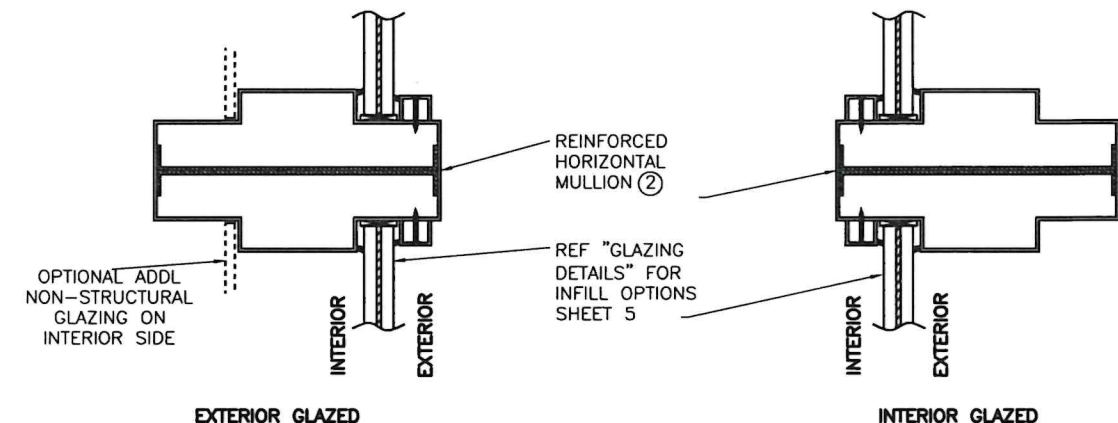
4  
6 SIDELITE/TRANSOM FRAME AT HEAD



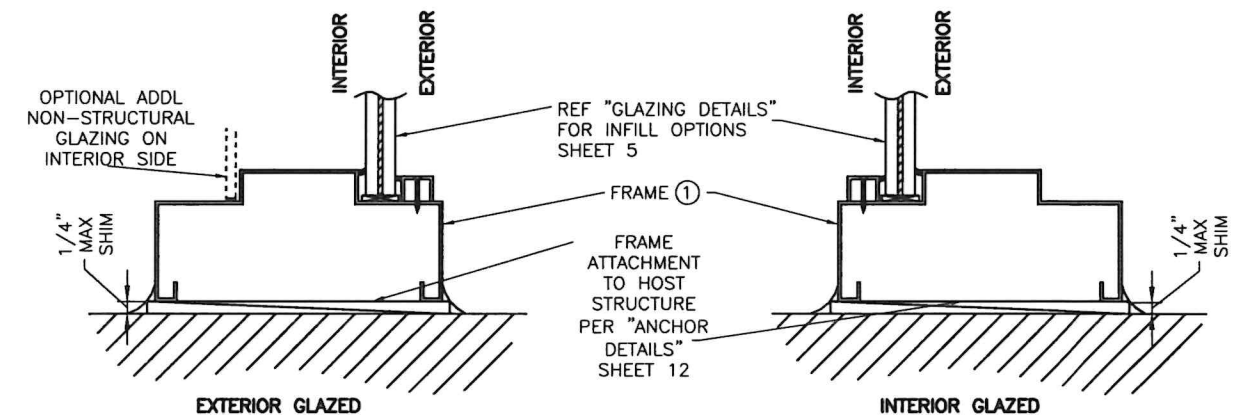
2  
6 SIDELITE/TRANSOM VERTICAL MULLION



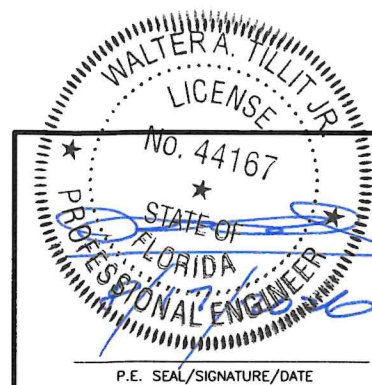
3  
6 DOOR HINGE STILE



5  
6 SIDELITE/TRANSOM HORIZONTAL MULLION



6  
6 SIDELITE/TRANSOM FRAME AT SILL



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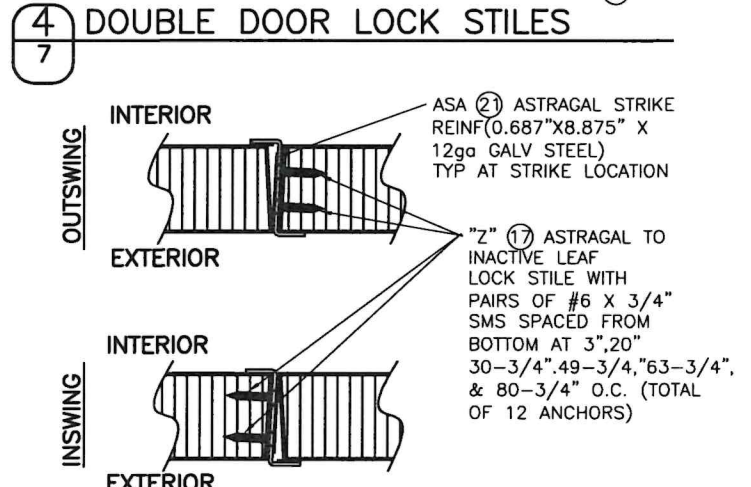
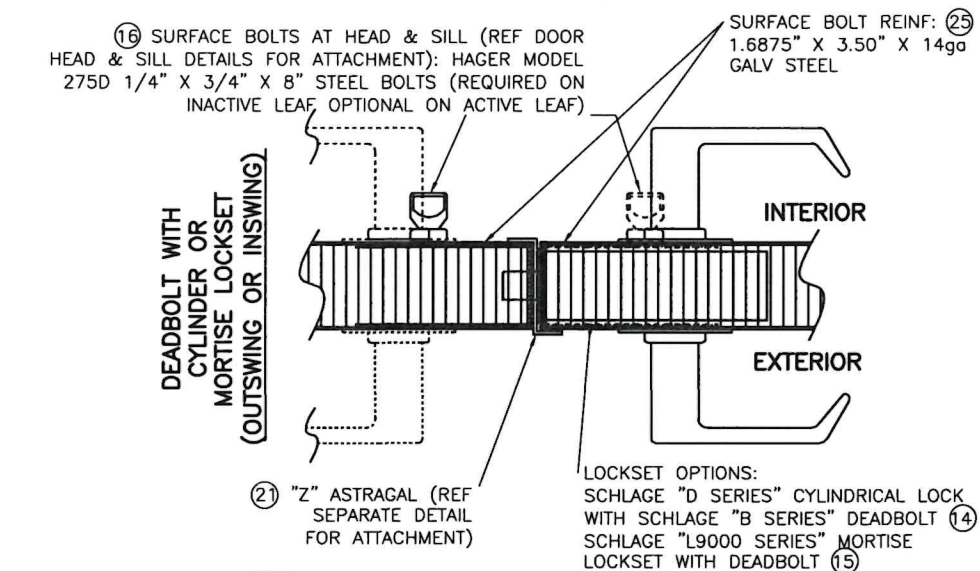
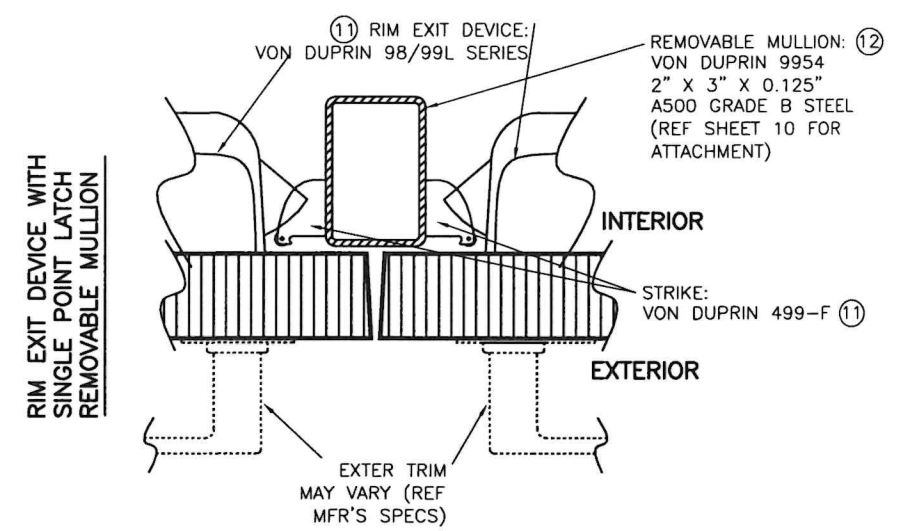
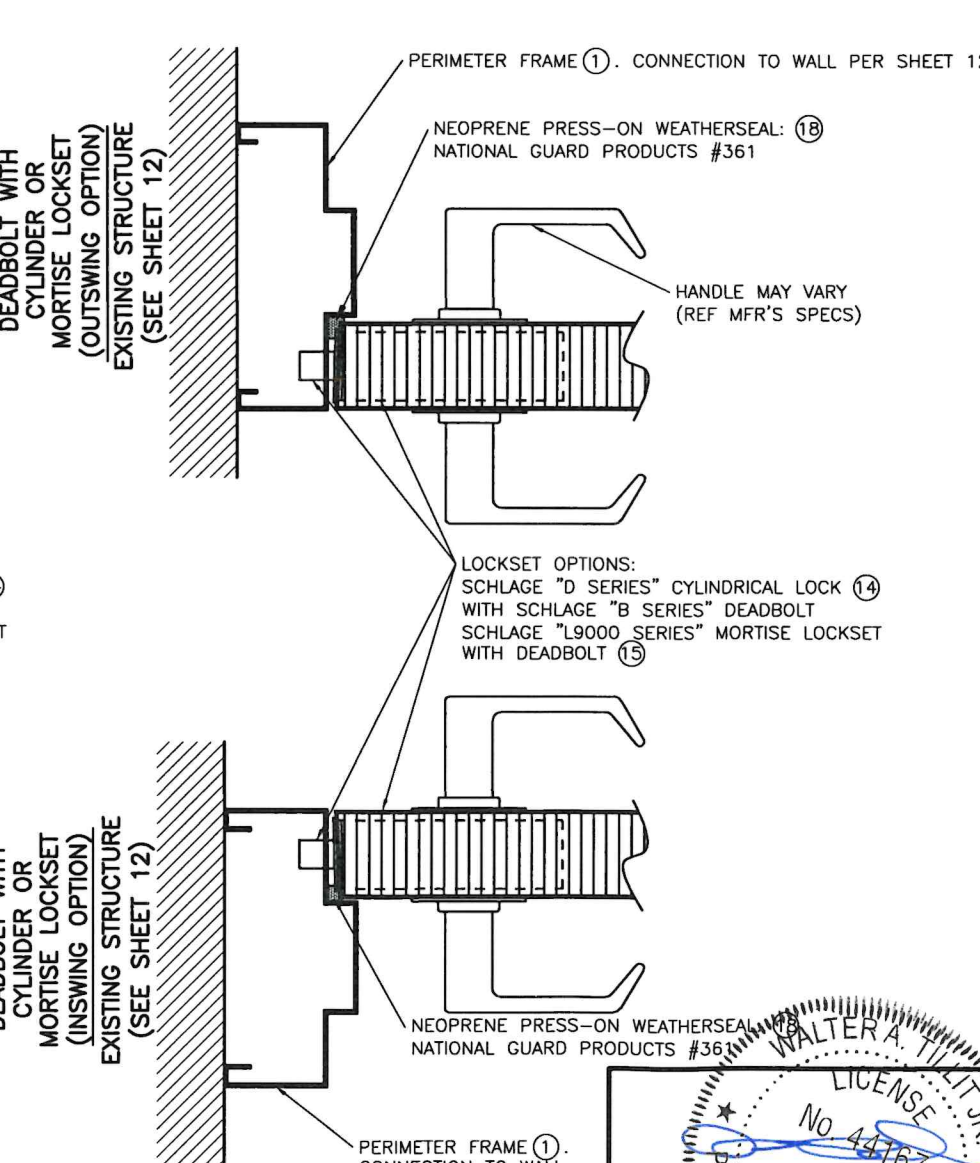
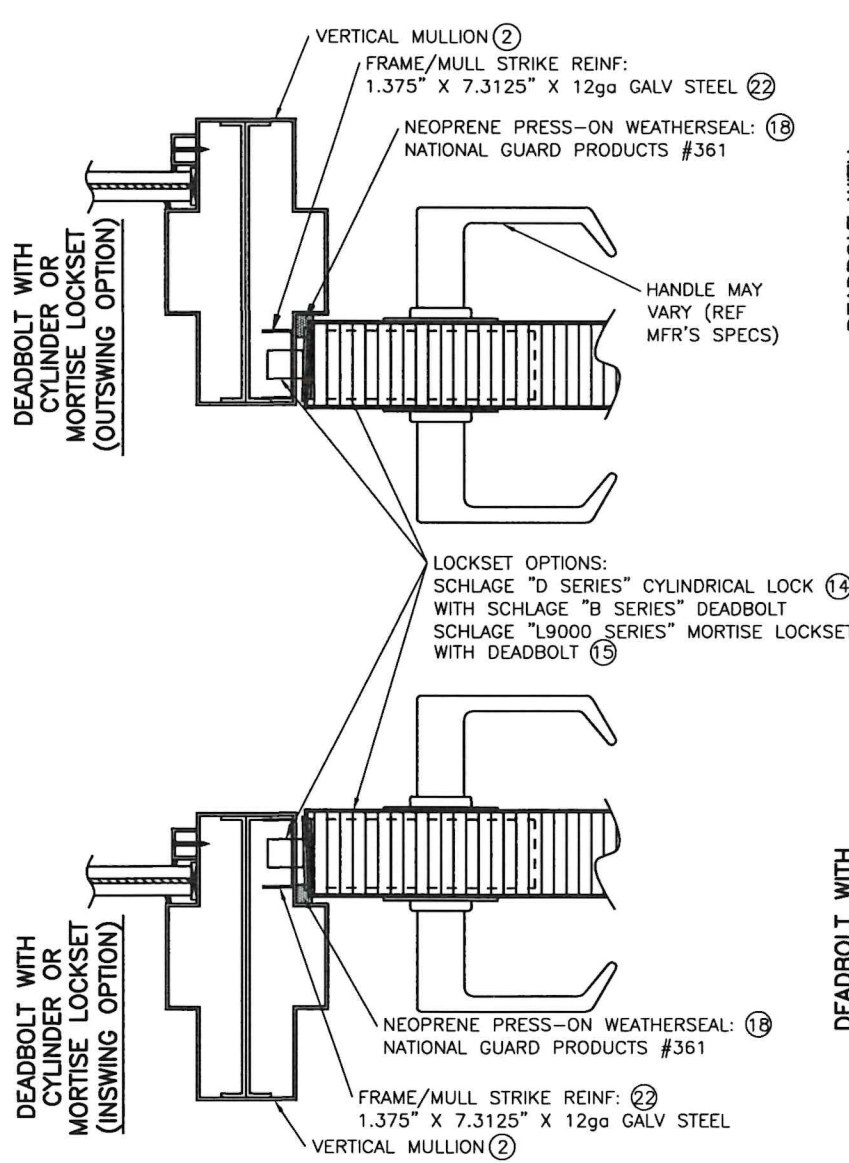
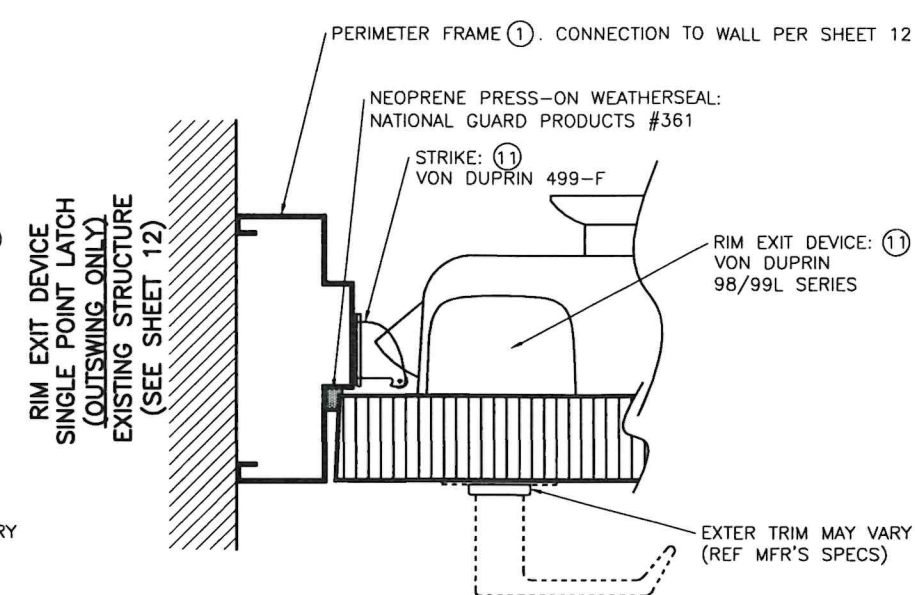
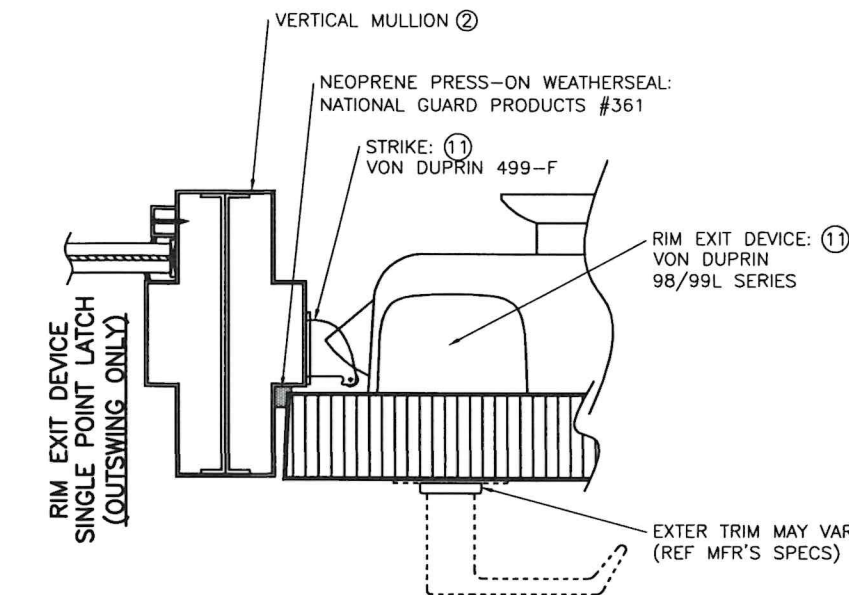
DOUBLE & SINGLE COMMERCIAL GALVANNEAL OR STAINLESS STEEL DOOR, FLUSH, EMBOSSED, W/ VISION LITE OR LOUVER KITS WITH SIDE LITES & TRANSOMS OF DIFFERENT INFILLS

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TEL: 905 625-8000  
FAX: 905 625-4204

DRAWN BY: W.H.  
08/07/2026  
DATE  
**26-251**  
DRAWING No

| REV. No | DESCRIPTION | DATE     | REV. No | DESCRIPTION | DATE |
|---------|-------------|----------|---------|-------------|------|
| 1       | OLD 23-177  | 08/07/26 | 3       |             |      |
| 2       |             |          | 4       |             |      |

SHEET 6 OF 12



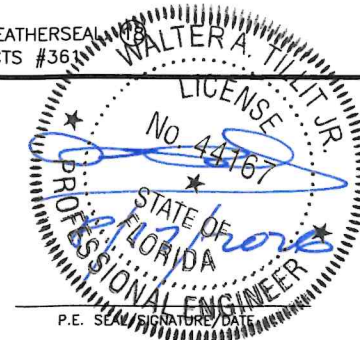
6 SINGLE DOOR LOCK STILE

7 SINGLE DOOR LOCK STILE

4 DOUBLE DOOR LOCK STILES

5 "Z" ASTRAGAL ATTACHMENT

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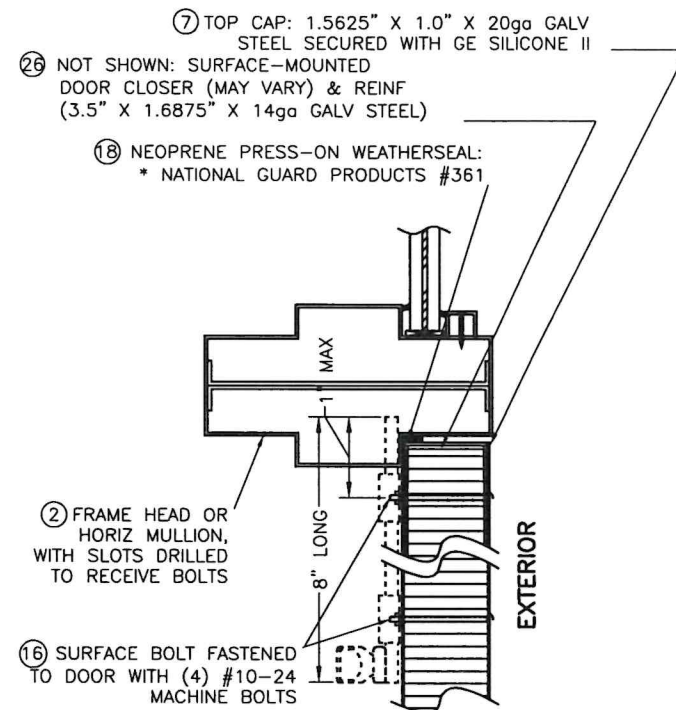
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| 1       | OLD 23-177  | 08/07/26 | 3       |             |      |
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DATE

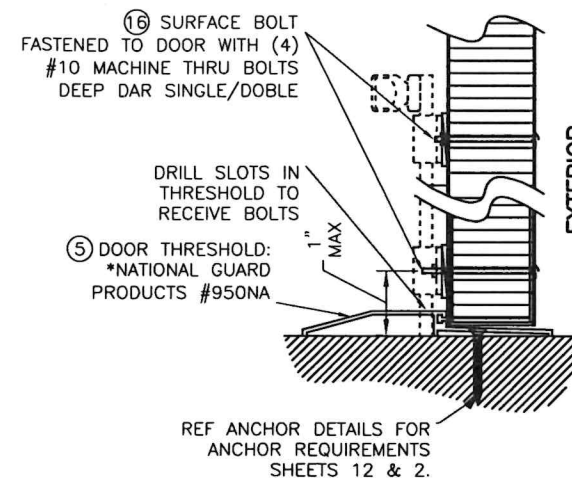
**26-251**  
DRAWING No

SHEET 7 OF 12



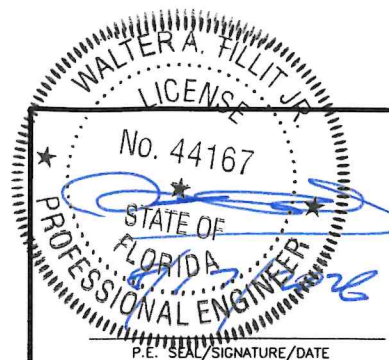
NOTE: THIS DETAIL IS APPLICABLE  
TO INSWING & OUTSWING DOORS  
(OUTSWING OPTION SHOWN)

**4** DOOR HEAD  
**8** SCALE: 3"=1'0" VERT SECTION



NOTE: THIS DETAIL IS APPLICABLE  
TO INSWING & OUTSWING DOORS  
(OUTSWING OPTION SHOWN)

**5** DOOR SILL  
**8** SCALE: 3"=1'0" VERT SECTION



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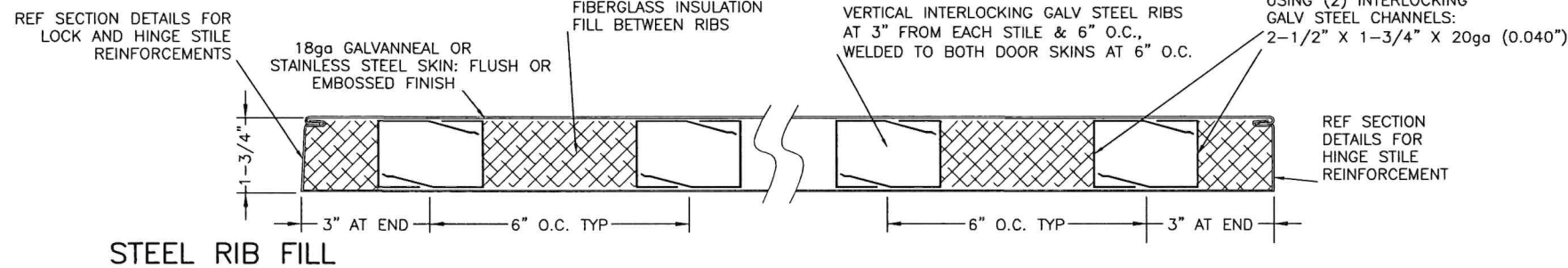
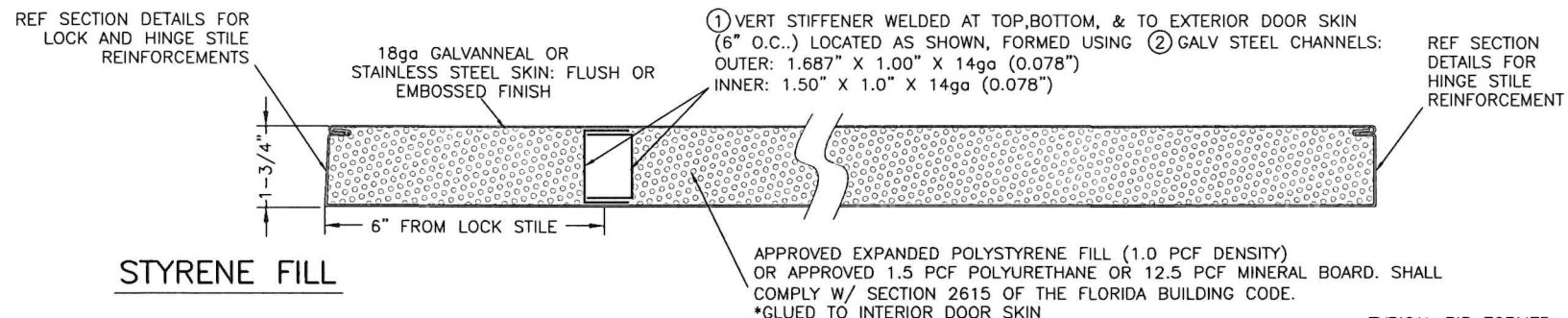
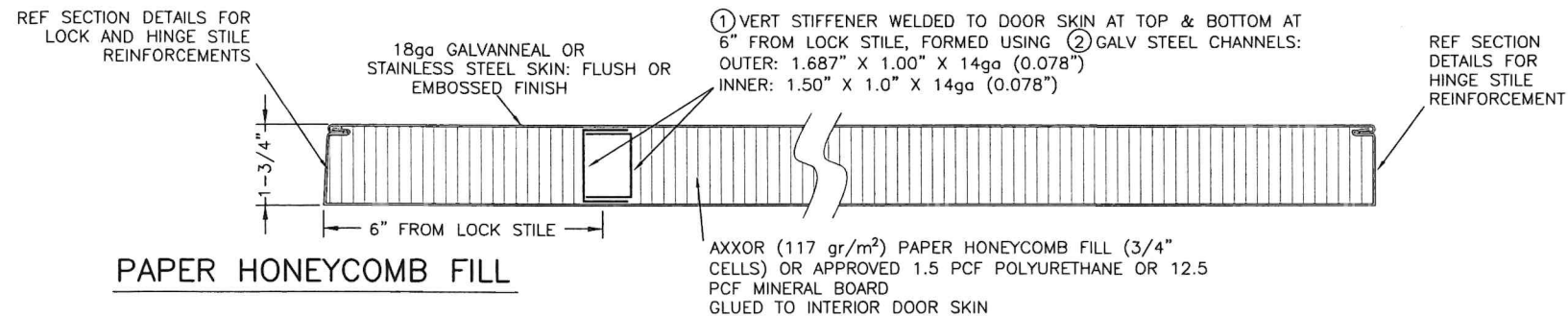
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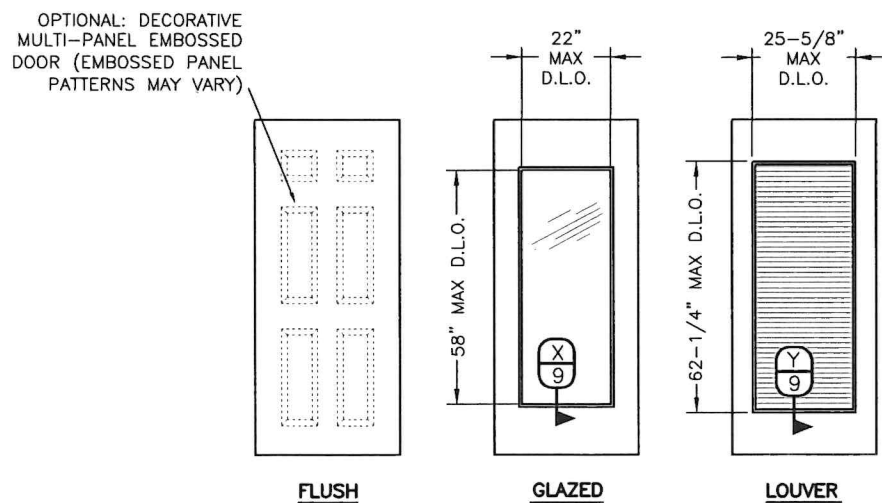
**26-251**  
DRAWING No

| REV. No | DESCRIPTION | DATE     | REV. No | DESCRIPTION | DATE |
|---------|-------------|----------|---------|-------------|------|
| 1       | OLD 23-177  | 08/07/26 | 3       |             |      |
| 2       |             |          | 4       |             |      |

SHEET 8 OF 12

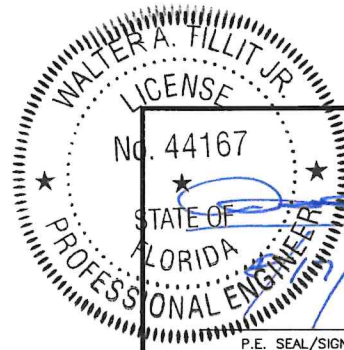


DOOR PANEL CONSTRUCTION OPTIONS (HORIZONTAL SECTIONS)

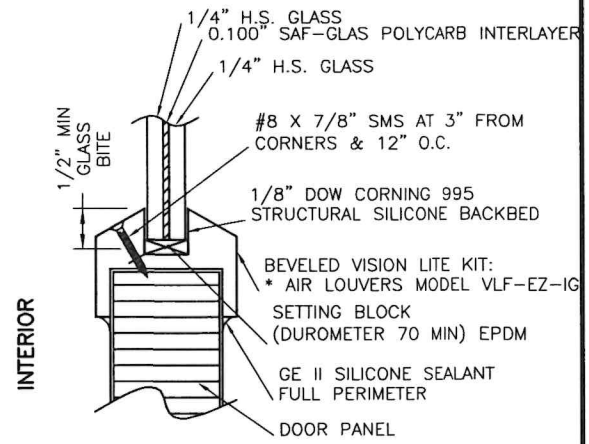
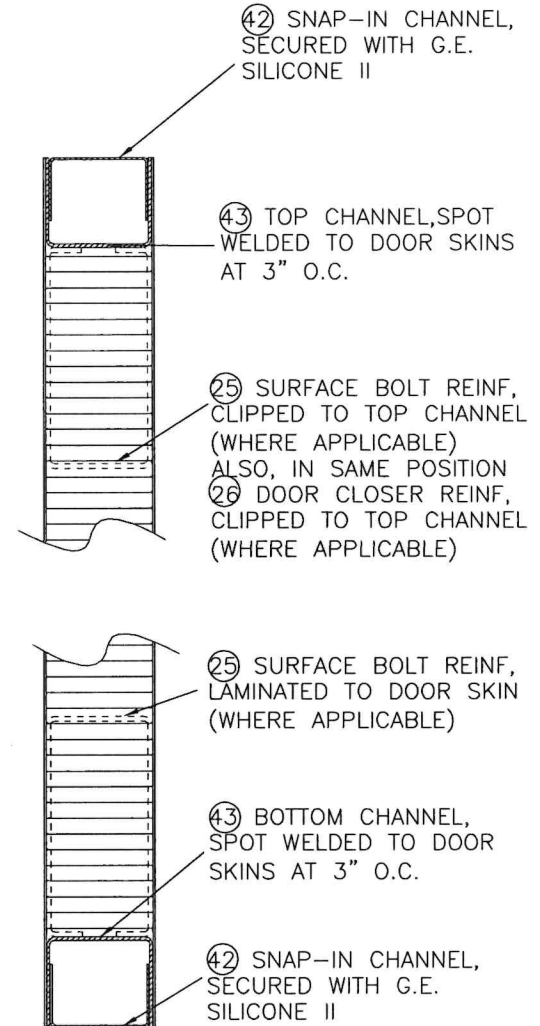


DOOR INFILL OPTIONS

\* GLUE TO BE EITHER OF: HELMIBOND #8320-1, JOWATHERM 609.30 OR DURAL UH-1077 ADHESIVES.

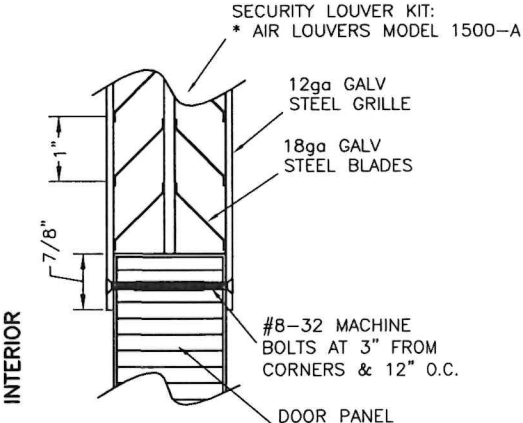


TYPICAL DOOR TOP & BOTTOM CONSTRUCTION (VERTICAL SECTION)



NOTE: THIS DETAIL IS APPLICABLE TO DOOR LITE HEAD, JAMBS, & SILL

X DOOR VISION LITE KIT



NOTE: THIS DETAIL IS APPLICABLE TO LOUVER HEAD & SILL (JAMBS SIMILAR)

Y DOOR LOUVER KIT

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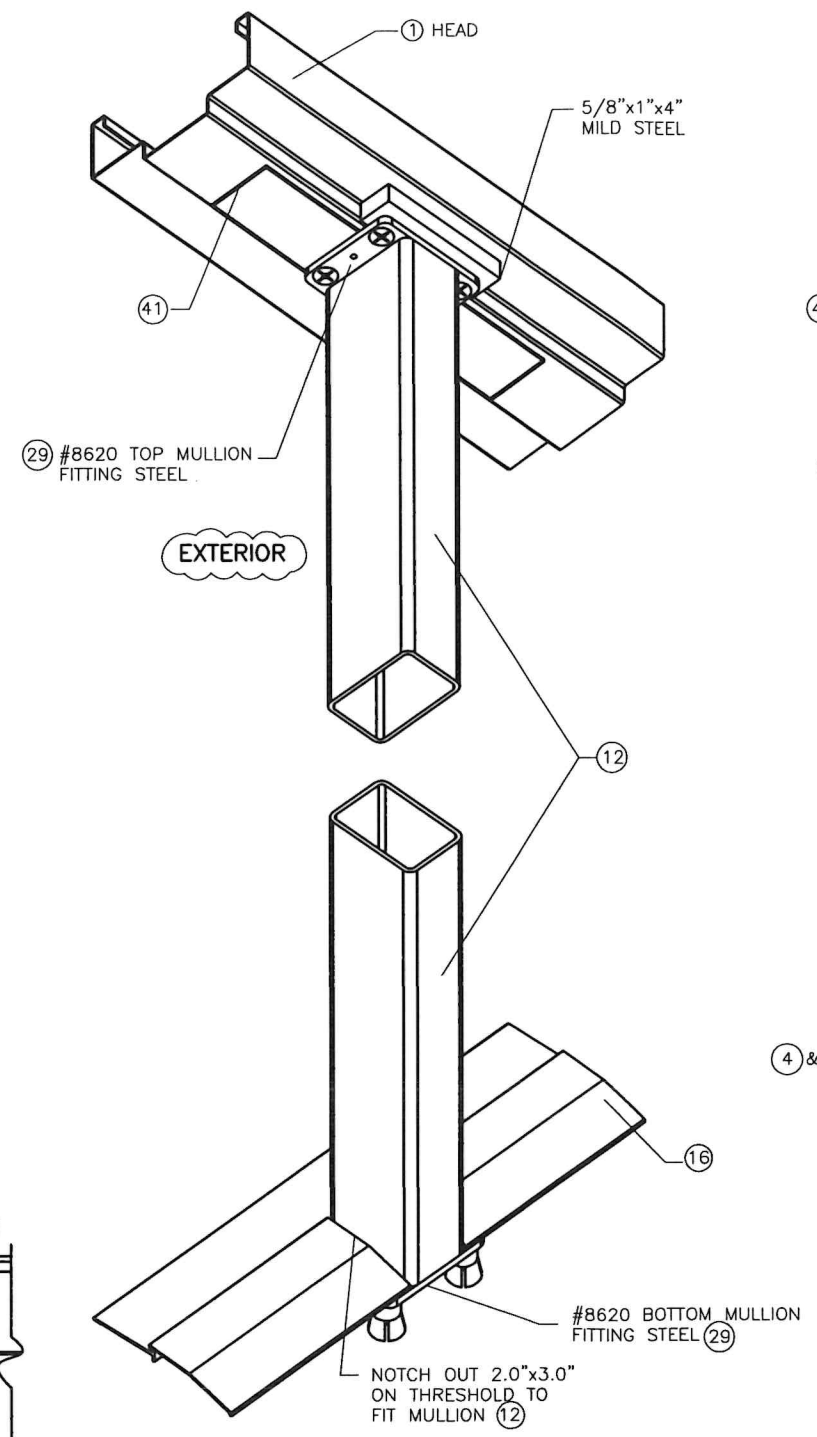
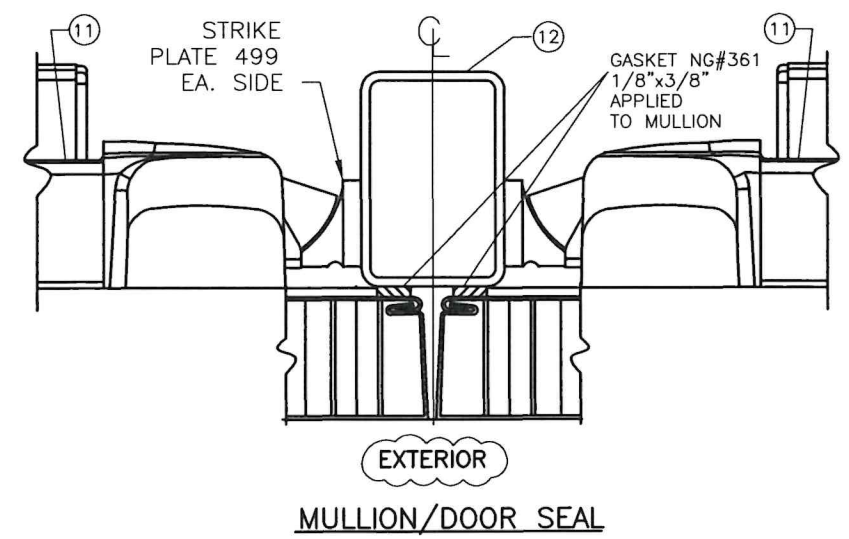
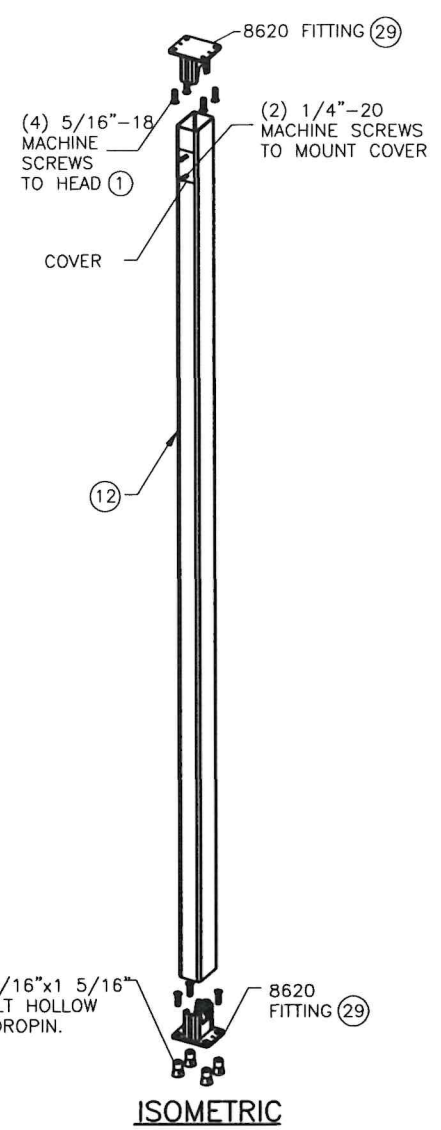
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08/07/2026  
DATE

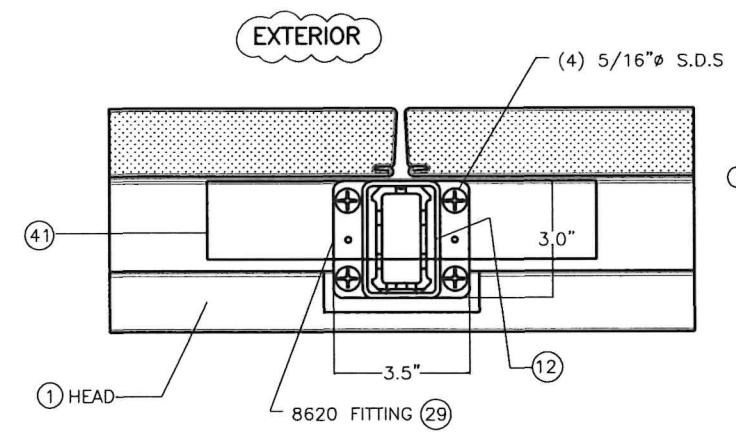
**26-251**  
DRAWING No

| REV. No | DESCRIPTION   | DATE     | REV. No | DESCRIPTION | DATE |
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| 1       | OLD 23-177    | 08/07/26 | 3       |             |      |
| 2       | SETTING BLOCK | 09/21/26 | 4       |             |      |

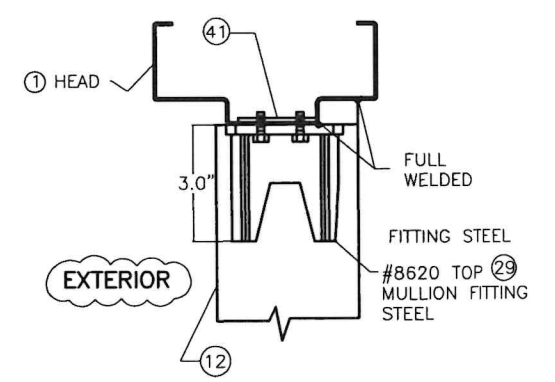
SHEET 9 OF 12



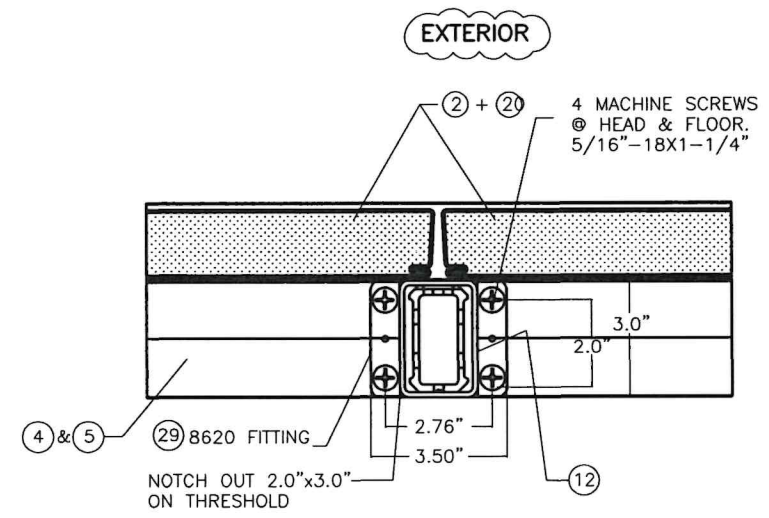
**(12) VON DUPRIN SERIES 9954 (W/ 499 STRIKE PLATE) MULLION INSTALLATION**



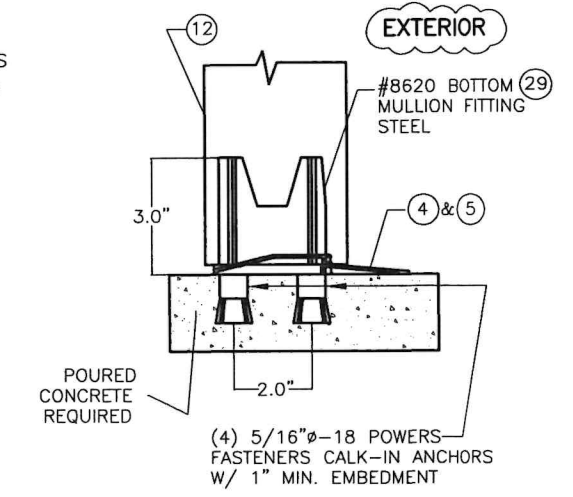
**CONNECTION AT TOP (PLAN)**



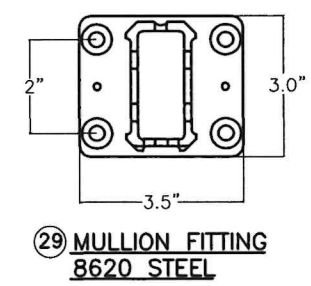
**SECTION**



**CONNECTION AT BOTTOM (PLAN)**



**SECTION**



WALTER A. TILLIT JR.  
LICENSE  
No. 44167  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
P.E. SEAL/SIGNATURE/DATE

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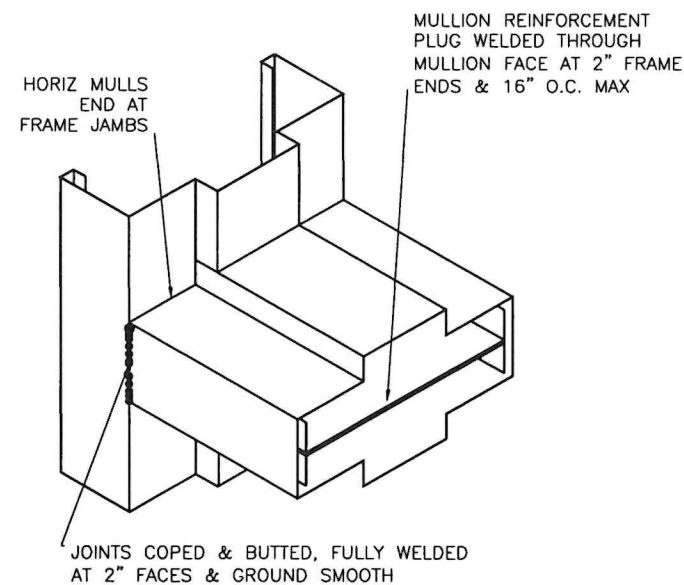
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08/07/2026 DATE

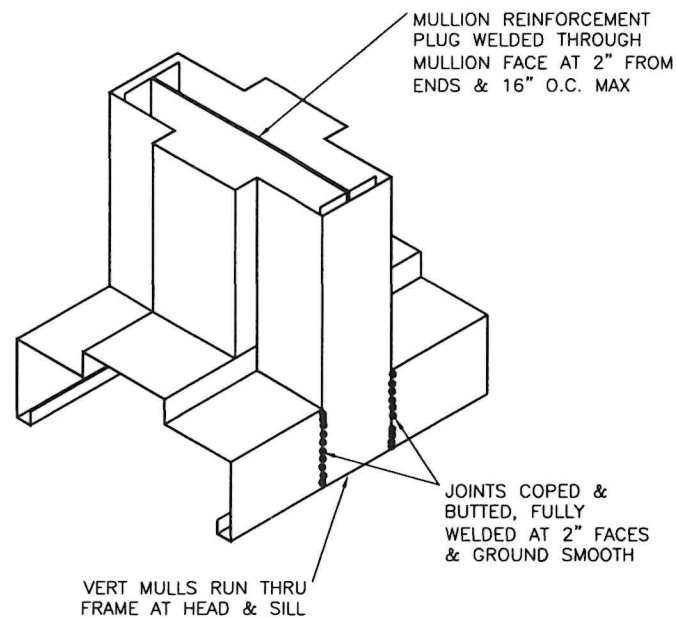
**26-251** DRAWING No

SHEET 10 OF 12

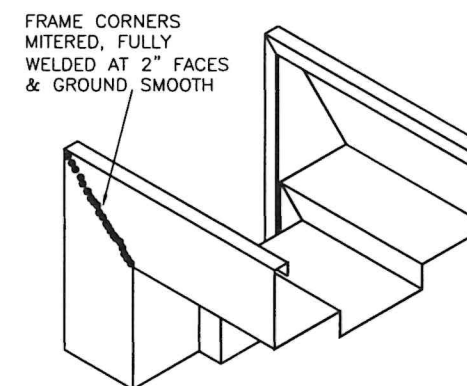
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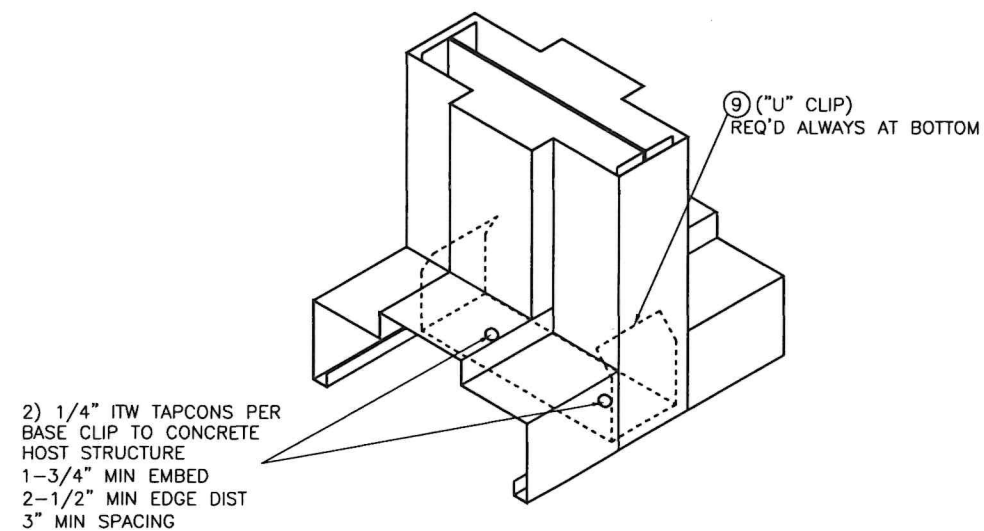
**FRAME CONSTRUCTION  
AT HORIZONTAL MULLION**



**FRAME CONSTRUCTION  
AT VERTICAL MULLION**

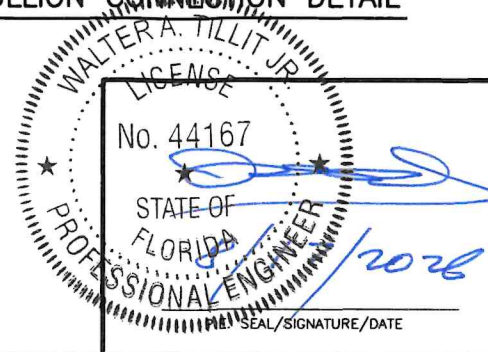


**FRAME CONSTRUCTION  
AT FRAME CORNERS**



**ISOMETRIC DETAIL N/11**

**VERTICAL MULLION CONNECTION DETAIL**



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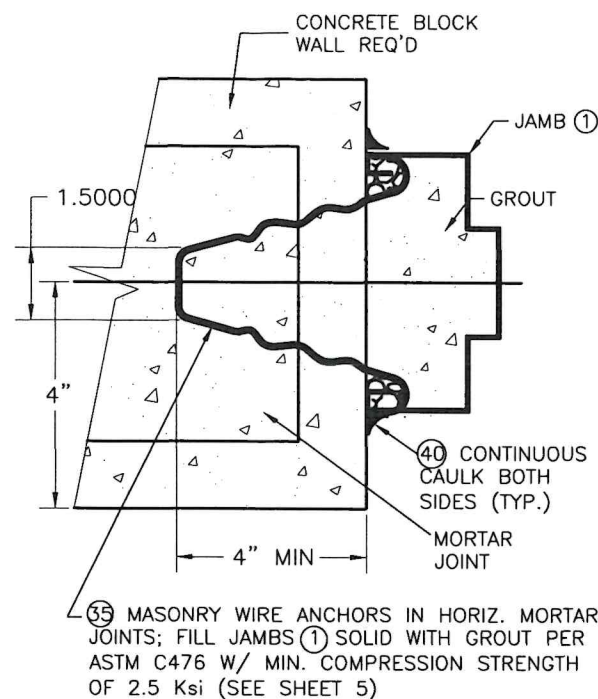
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08/07/2026  
DATE

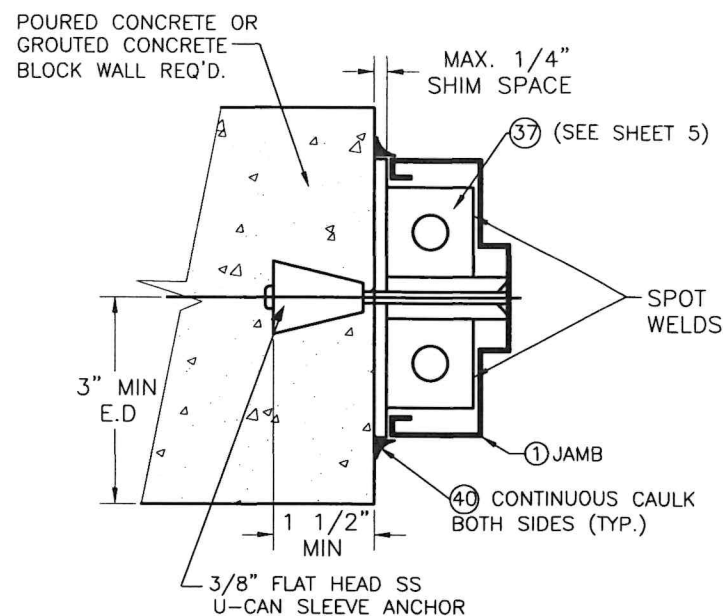
**26-251**  
DRAWING No

| REV. No | DESCRIPTION | DATE     | REV. No | DESCRIPTION | DATE |
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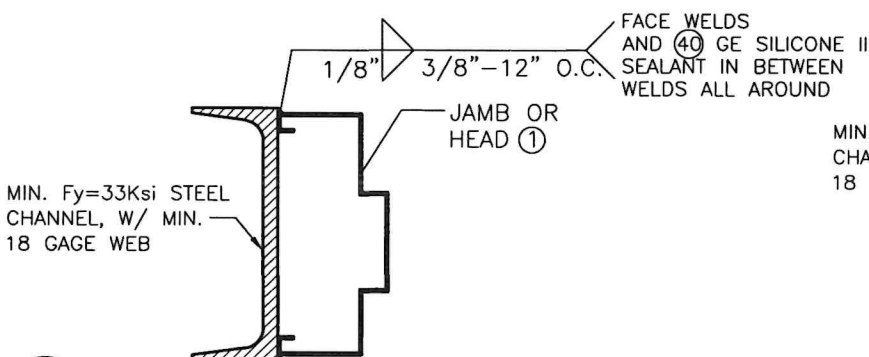
SHEET 11 OF 12



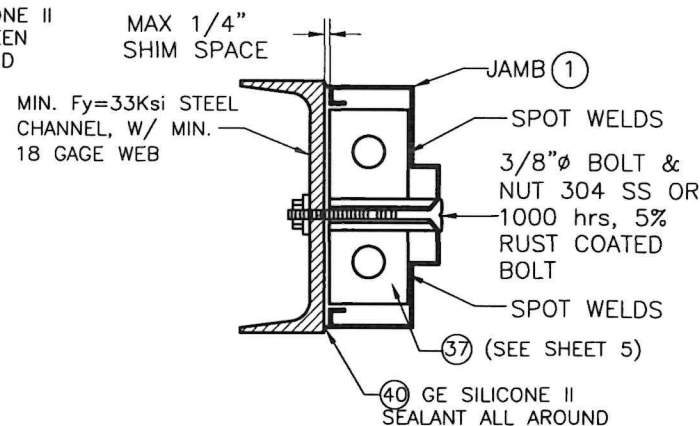
1 WIRE ANCHOR 35  
INSTALLATION TO  
MASONRY WALLS



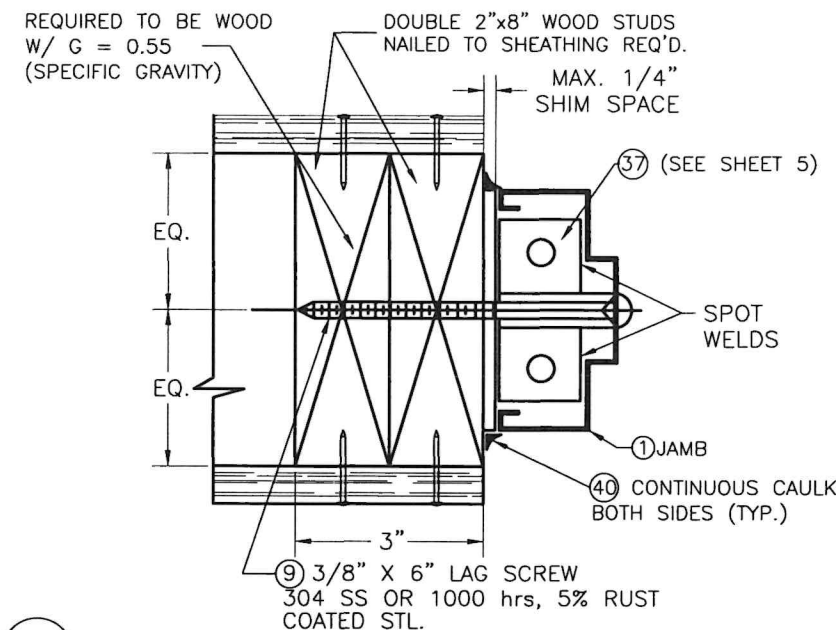
2 INSTALLATION OF  
SLEEVE ANCHOR TO  
MASONRY WALLS



4 INSTALLATION OF JAMB 1 TO  
STEEL CHANNEL THRU WELDING



5 INSTALLATION OF 3/8" F.H. M.S. TO STEEL CHANNEL



3 INSTALLATION OF 3/8" LAG  
SCREW 9 TO WOOD FRAME WALLS

#### ANCHOR SCHEDULE

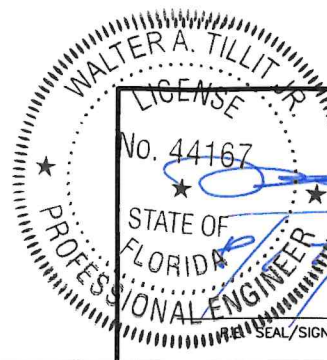
| DETAIL | ANCHOR                         | SUBSTRATE        | HEAD    |         | SILL    |         | JAMBS   |         |
|--------|--------------------------------|------------------|---------|---------|---------|---------|---------|---------|
|        |                                |                  | CORNERS | SPACING | CORNERS | SPACING | CORNERS | SPACING |
| 2/12   | SLEEVE ANCHORS                 | CONC OR BLOCK    | 5"      | 11" OC  | 5"      | 11" OC  | 6"      | 10" OC  |
| 3/12   | LAG SCREWS                     | WOOD             | 5"      | 10" OC  | 5"      | 10" OC  | 5"      | 10" OC  |
| 4/12   | BOLT & NUT                     | STEEL            | 5"      | 11" OC  | 5"      | 11" OC  | 6"      | 10" OC  |
| 1/12   | MASONRY WIRE                   | BLOCK            | - - -   | - - -   | - - -   | - - -   | 9"      | 16" OC  |
| 5/12   | DIRECT WELD                    | STEEL            | 5"      | 11" OC  | 3"      | 8" OC   | 6"      | 10" OC  |
| 5/8    | 1/4" ULTRACON+ OR ULTRACON SS4 | CONCRETE OR WOOD | - - -   | - - -   | 6"      | 12"     | - - -   | - - -   |

#### ANCHOR NOTES:

- SEE EXTERIOR ELEVATION & ANCHOR SCHEDULE FOR ANCHOR LOCATIONS AND/OR SPACING.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- MINIMUM EMBEDMENT & EDGE DISTANCE SHALL BE AS NOTED  
SEE DETAIL 2 ON THIS SHEET.  
3/8" LAG SCREWS: SEE DETAIL 3 ON THIS SHEET  
2" MIN EMBED (SYP WOOD, G=0.55)  
1-1/2" MIN EDGE DISTANCE
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- CONCRETE HOST STRUCTURE SHALL HAVE 3,000 PSI MIN COMPRESSIVE STRENGTH.
- WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD (U.N.O.).
- "STEEL" SUBSTRATE SHALL HAVE 18ga (0.048") MIN THICKNESS.
- MACHINE SCREWS USED WITH SLEEVE ANCHORS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR.
- MASONRY WIRE ANCHORS ARE ONLY APPLICABLE AT JAMBS - ANCHORS SHALL BE INSTALLED AT HEAD & SILL USING ONE OF THE OTHER LISTED ANCHOR OPTIONS.
- FOR THRESHOLD USE 1/4" ULTRACONS W/ 1 3/4" EMBEDMENT BY DEWALT W/ 2 1/2" MIN. EDGE DISTANCE.

#### FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

#### ANCHOR DETAILS:



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**TILTECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
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CA-0006719  
WALTER A. TILLIT Jr. P.E.  
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TEL: 905 625-8000  
FAX: 905 625-4204

DRAWN BY: W.H.

08/07/2026 DATE

**26-251**  
DRAWING No

| REV. No | DESCRIPTION | DATE     | REV. No | DESCRIPTION | DATE |
|---------|-------------|----------|---------|-------------|------|
| 1       | OLD 23-177  | 08/07/26 | 3       |             |      |
| 2       |             |          | 4       |             |      |

SHEET 12 OF 12