

SWING DOOR & SIDELITE - NON-IMPACT

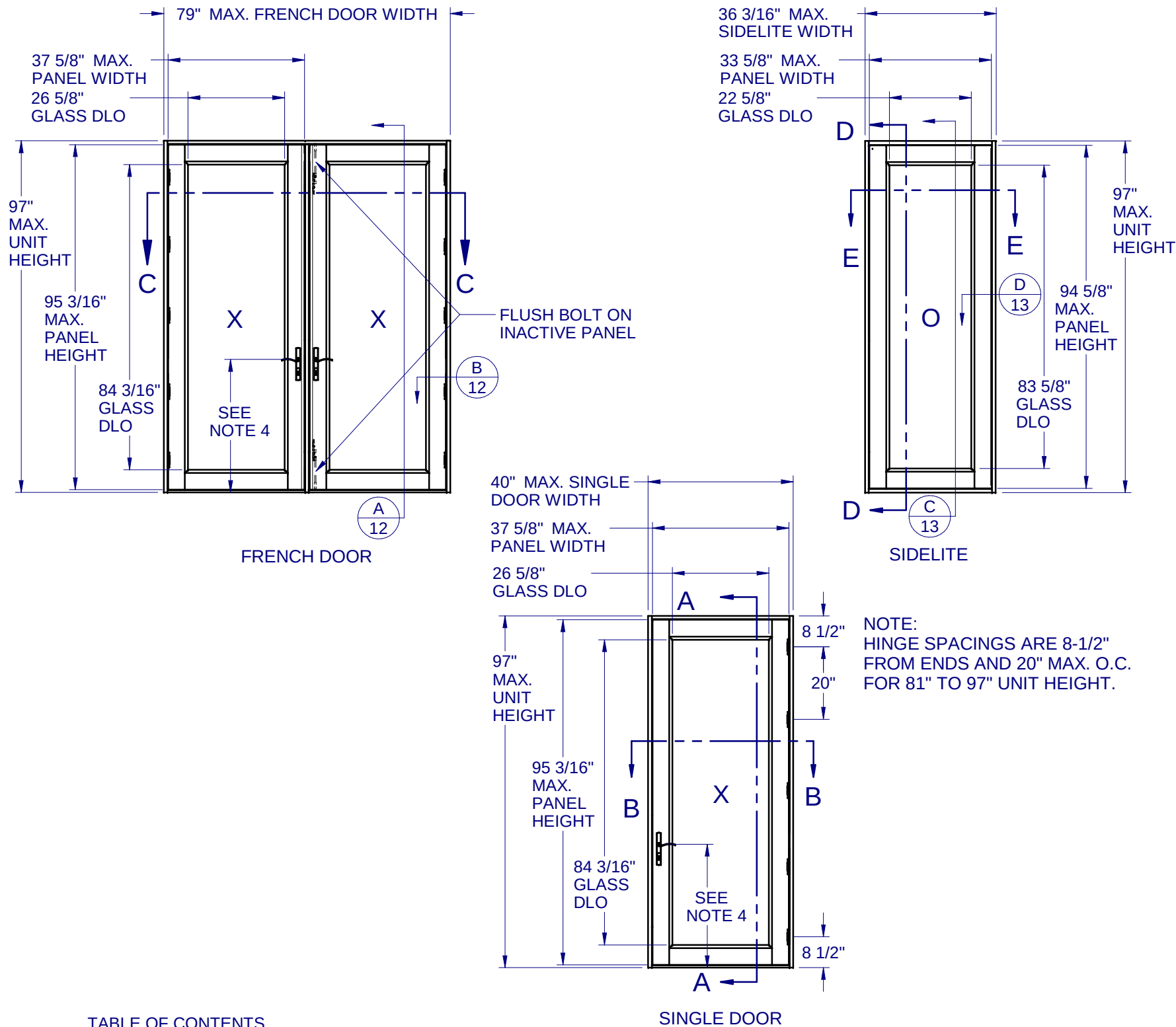


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| TYPE     | MAX. PANEL SIZE    | DESIGN PRESSURE RATING                  | IMPACT RATING |
|----------|--------------------|-----------------------------------------|---------------|
| SINGLE   | 37-5/8" x 95-3/16" | SEE COMPARATIVE ANALYSIS CHART, SHEET 4 | NONE          |
| FRENCH   |                    |                                         |               |
| SIDELITE | 33-5/8" x 94-5/8"  |                                         |               |

GENERAL NOTES:

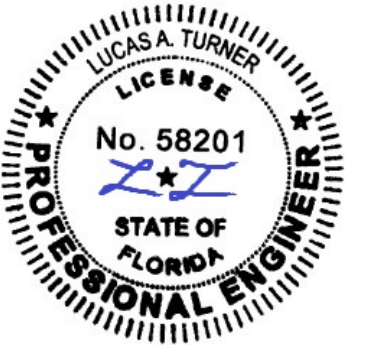
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
2. GLAZING OPTIONS: (SEE SHEET 4)
3. CONFIGURATIONS: SINGLE OUTSWING, SINGLE OUTSWING w/SIDELITE(S), FRENCH DOOR(S), FRENCH DOOR(S) w/SIDELITE(S), SIDELITE NOT ATTACHED.
4. LOCK OPTIONS:  
UP TO 6'8":  
A. DOUBLE BORE w/TWO (2) INTERIOR FLUSH BOLTS. HANDLE SET @ 36"  
B. MORTISE LOCK w/ TWO (2) INTERIOR FLUSH BOLTS. HANDLE SET @ 34"  
C. MULTIPOINT (4 PT.) HANDLE SET @ 34"  
ABOVE 6'8":  
A. MULTIPOINT (5 PT.) HANDLE SET @ 34"
5. DESIGN PRESSURE RATING (SEE SHEET 4):  
-NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e01/9.  
-POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
6. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 12-13 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
7. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
8. ALL FRAMES ARE PROCESSED AND SCREWED TOGETHER. PANELS ARE PROCESSED AND ASSEMBLED VIA TIE ROD.
9. SERIES / MODEL DESIGNATION SD-8700, FD-8750, SLT-8710.
10. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:  
X = OPERABLE SASH, O = FIXED SASH
11. SECTION CALLOUTS APPLY TO ALL CONFIGURATIONS IN A SIMILAR LOCATION.
12. INTERIOR FLUSH BOLTS ON ACTIVE PANEL TO BE ENGAGED PRIOR TO SEVERE WEATHER.
13. QUALIFIED ALTERNATIVE LOCKSET/DEADBOLT HARDWARE IS GRADE 2 BY PAMEX AND DELANY.
14. MAX. PANEL WIDTHS APPLY TO ALL CONFIGURATIONS, MULLED OR NON-MULLED UNITS.

Custom  
WINDOW SYSTEMS

1900 SW 44TH AVE.  
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8700/10/50 PVC  
SWING DOOR  
NON-IMPACT

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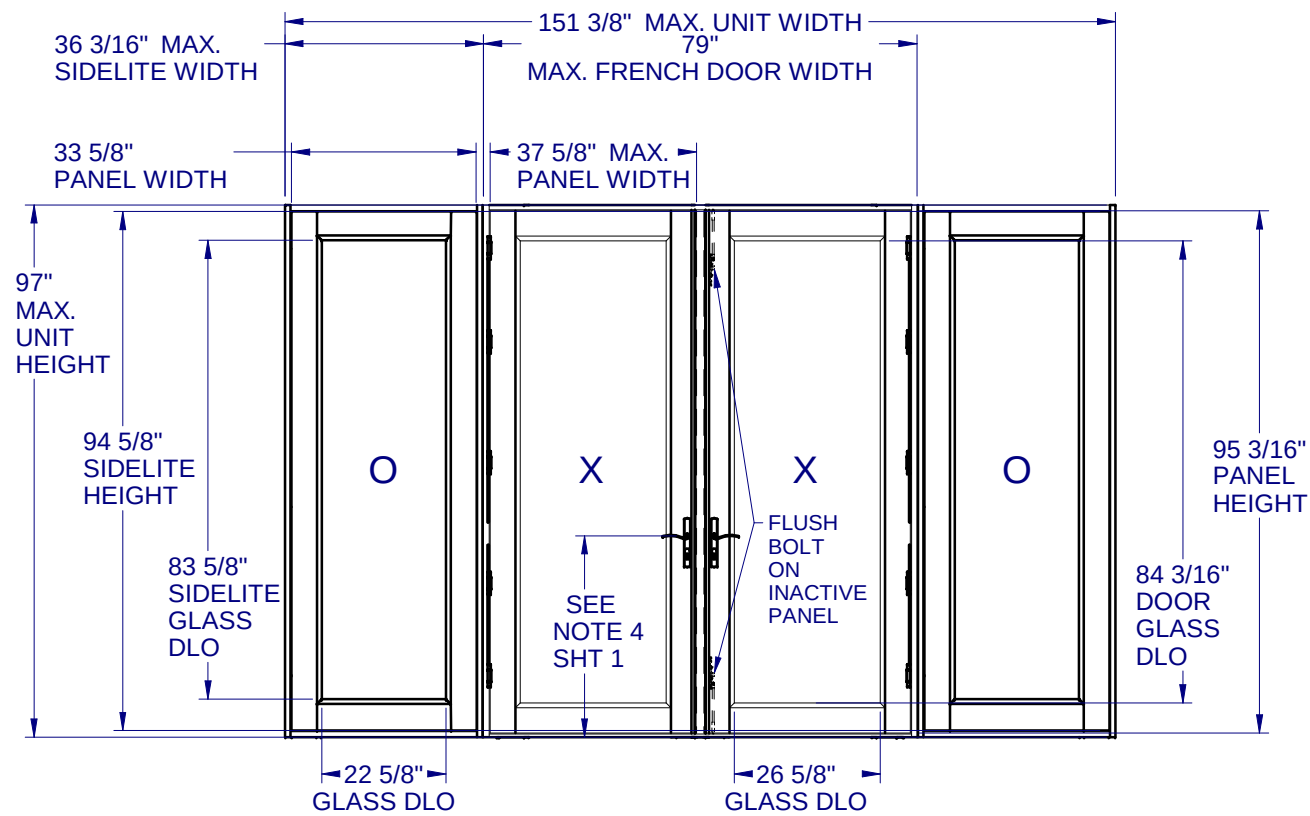
8/05/2020

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FL PE # 58201  
2428 Old Natchez Trc Trl  
Camden, TN 38320  
PH. 941-380-1574

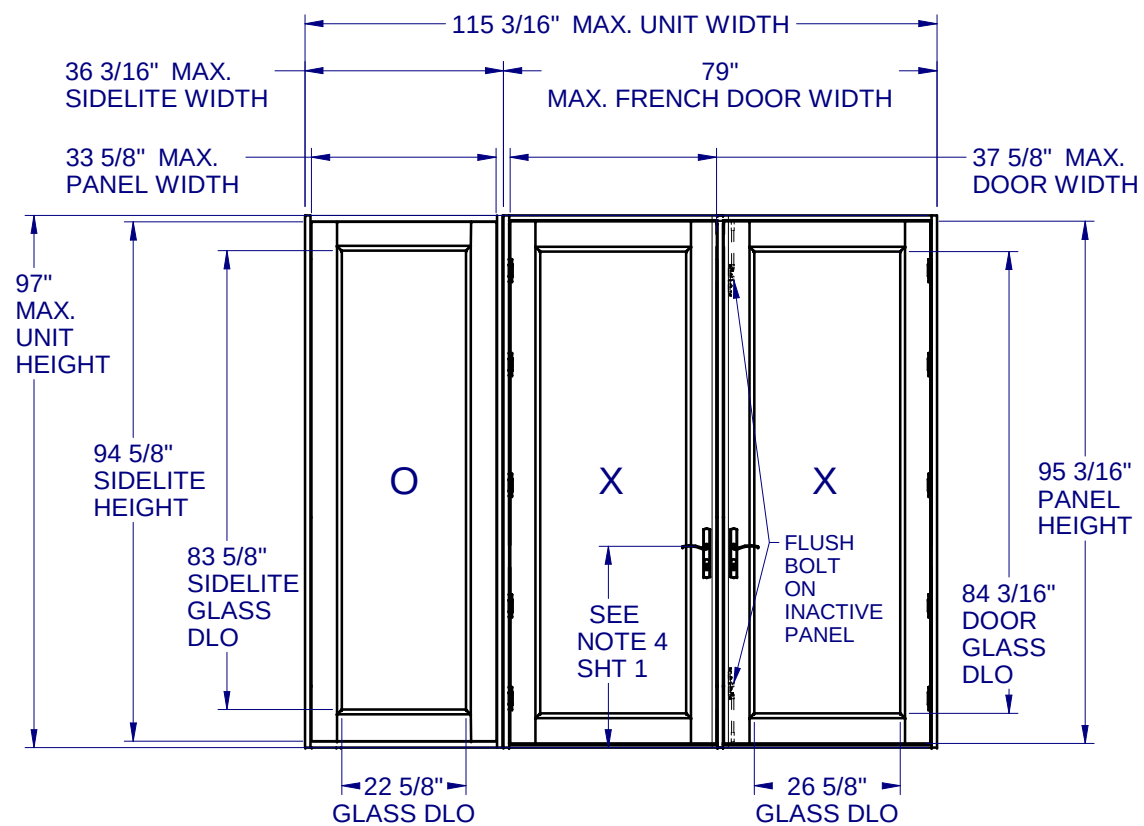
SHEET DESCRIPTION:

GENERAL NOTES AND  
ELEVATIONS

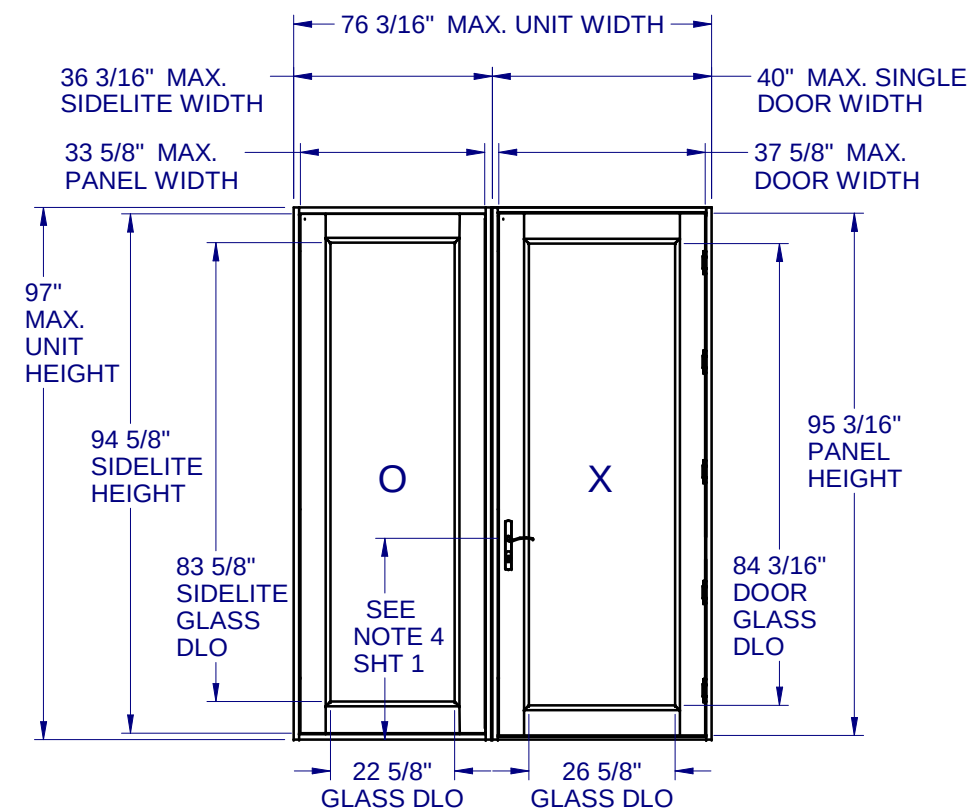
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| ADE       | 09/08/11 |
| DWG #:    | REV.:    |
| CWS-640   | D        |
| SCALE:    | SHEET    |
| 1:35      | 1 OF 13  |



FRENCH DOOR w/SIDELITES



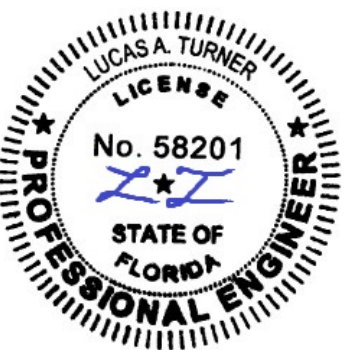
FRENCH DOOR w/SIDLITE



SINGLE DOOR w/SIDELITE

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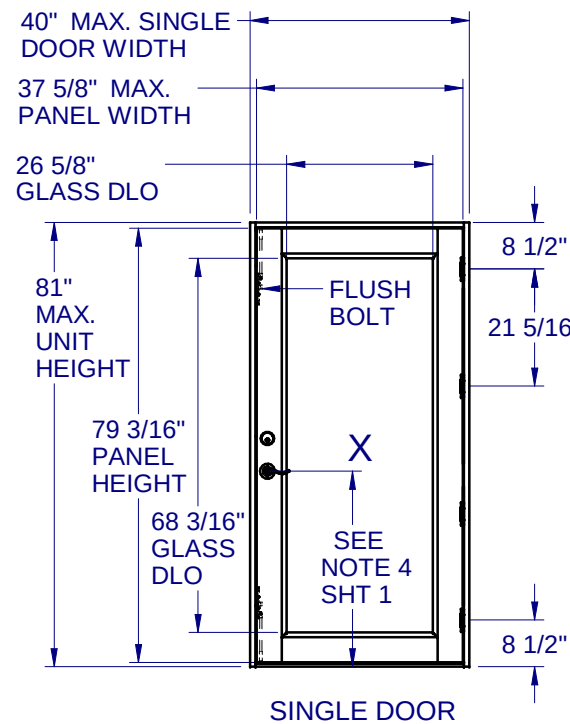
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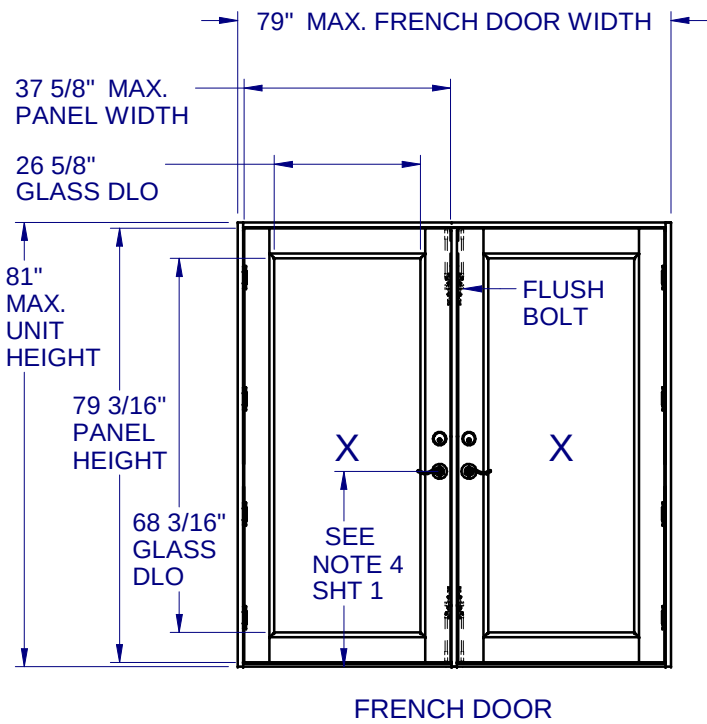
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SHEET  
2 OF 13

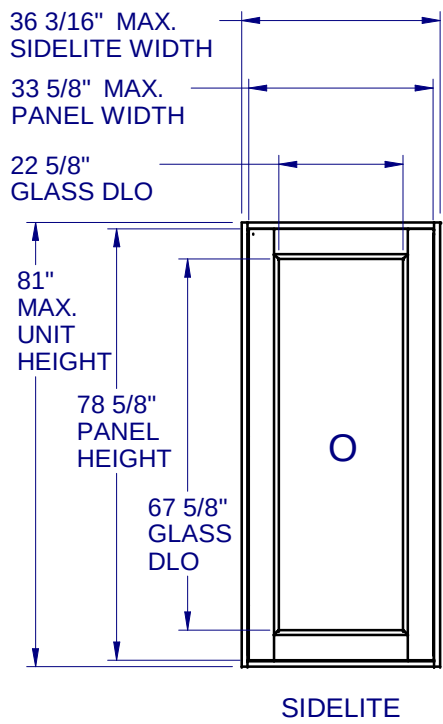


NOTE:  
HINGE SPACINGS  
ARE 8-1/2" FROM  
ENDS AND 21-5/16"  
MAX. O.C. UP TO  
81" UNIT HEIGHT.

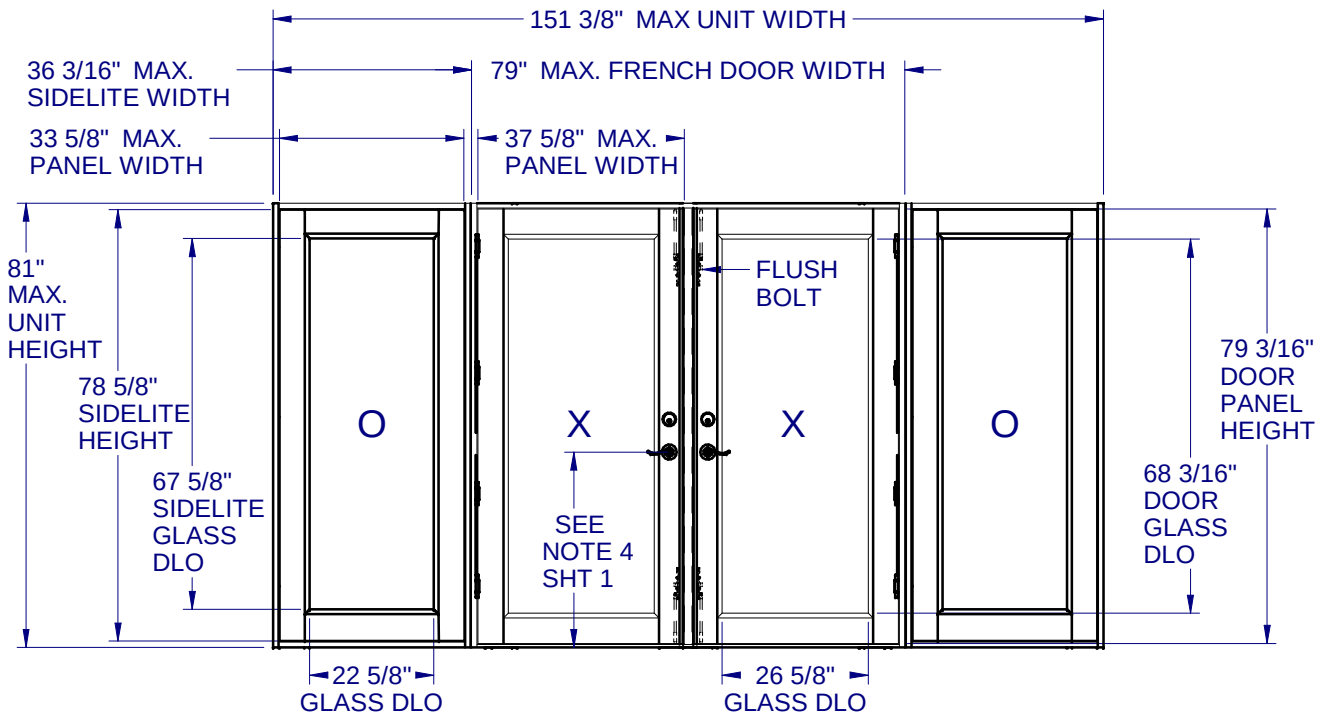
SINGLE DOOR



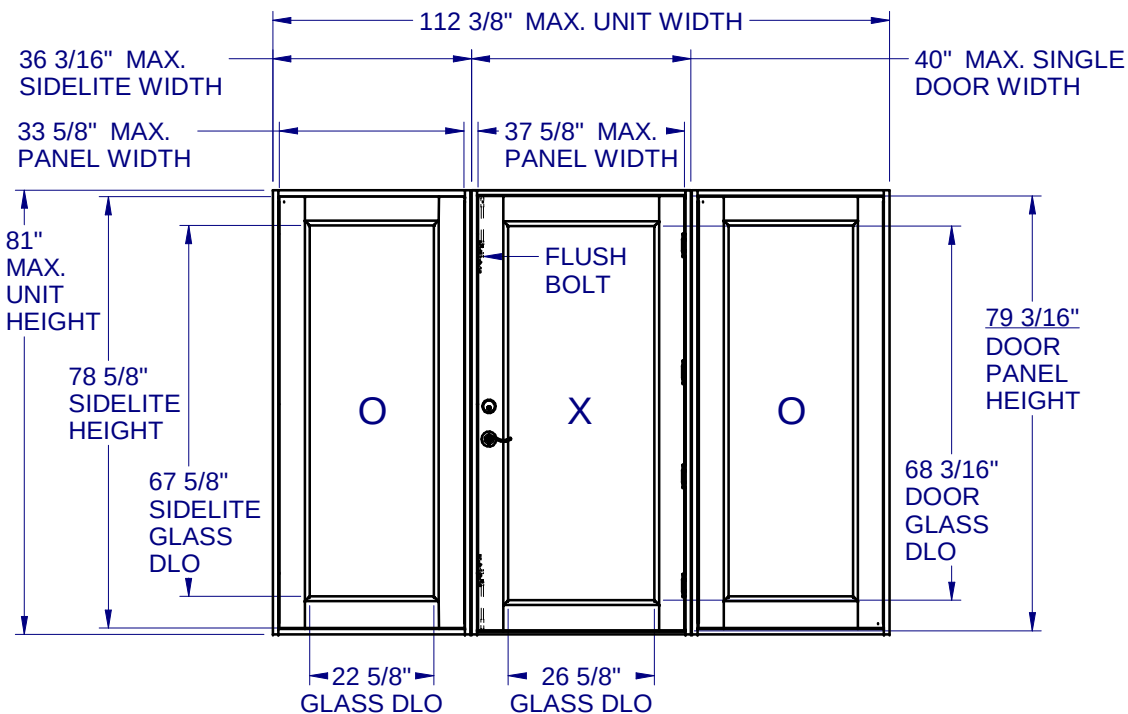
FRENCH DOOR



SIDELITE



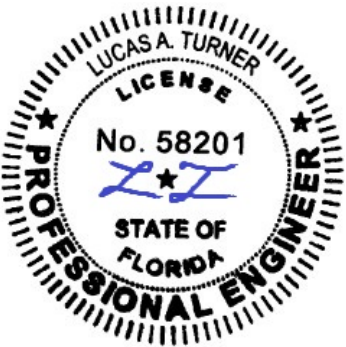
FRENCH DOOR w/SIDELITES



SINGLE DOOR w/SIDELITES

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SWING DOOR  
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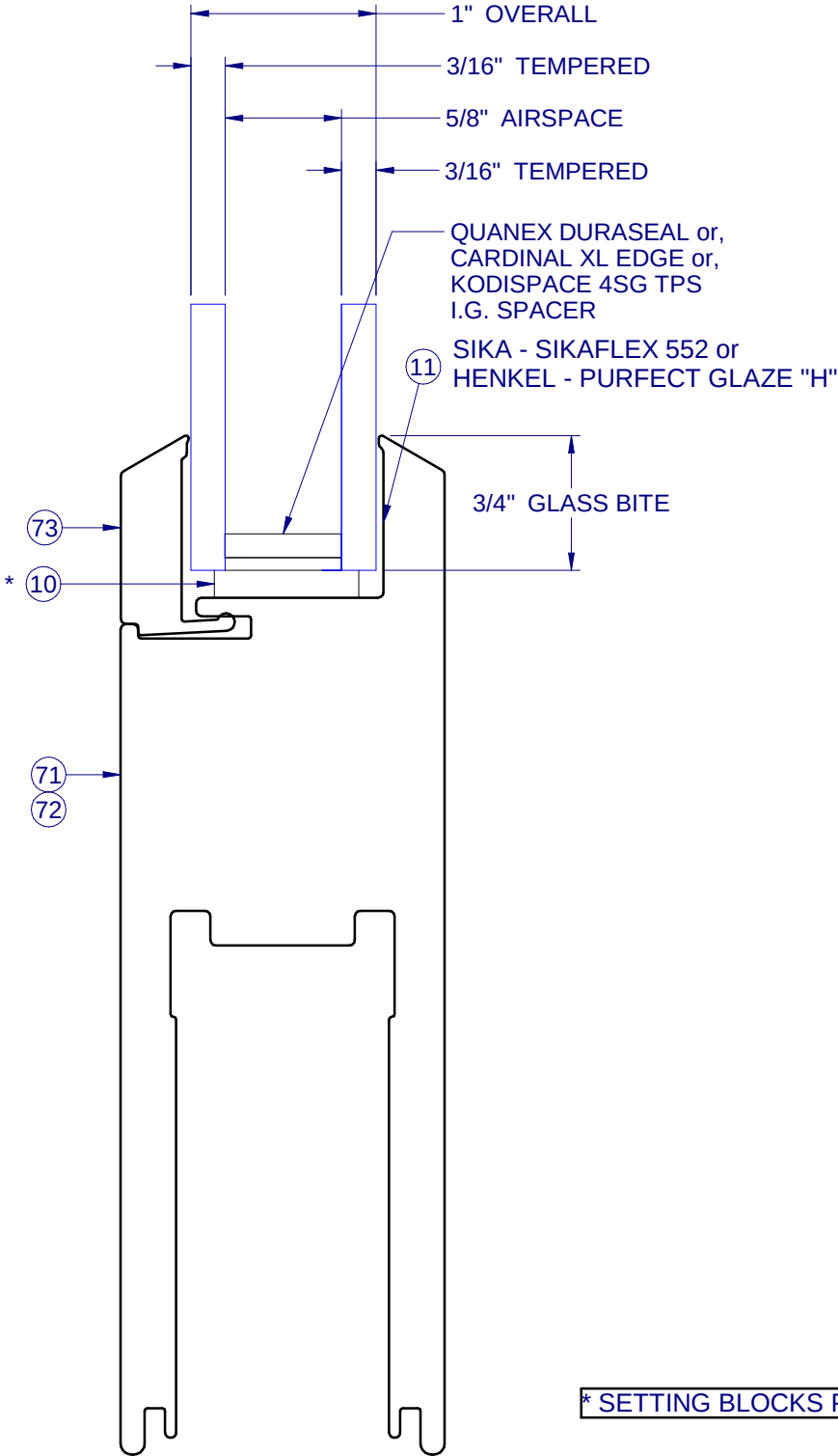
SCALE:

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SHEET

3 OF 13

|                                                                                                                                  | WIDTH          |                |                |               |                |                |               |               |                |                |               |               |
|----------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|---------------|---------------|
|                                                                                                                                  | SIDELITE       |                |                |               | X SINGLE DOOR  |                |               |               | XX FRENCH DOOR |                |               |               |
| HEIGHT                                                                                                                           | 18             | 24             | 30             | 36 3/16       | 29 1/2         | 31 1/2         | 37 1/2        | 40            | 59 1/2         | 63 1/2         | 71 1/2        | 79            |
| 78                                                                                                                               | +70.0 / -140.0 | +70.0 / -126.2 | +70.0 / -101.9 | +70.0 / -70.0 | +70.0 / -116.0 | +70.0 / -110.2 | +70.0 / -79.8 | +70.0 / -70.0 | +70.0 / -113.7 | +70.0 / -108.3 | +70.0 / -85.5 | +70.0 / -70.0 |
| 84                                                                                                                               | +70.0 / -140.0 | +70.0 / -115.7 | +70.0 / -96.6  | +70.0 / -70.0 | +70.0 / -106.0 | +70.0 / -100.6 | +70.0 / -79.8 | +70.0 / -70.0 | +70.0 / -103.9 | +70.0 / -98.8  | +70.0 / -85.5 | +70.0 / -70.0 |
| 90                                                                                                                               | +70.0 / -137.1 | +70.0 / -106.8 | +70.0 / -88.8  | +70.0 / -70.0 | +70.0 / -97.6  | +70.0 / -92.5  | +70.0 / -79.8 | +70.0 / -70.0 | +70.0 / -95.6  | +70.0 / -90.8  | +70.0 / -82.8 | +70.0 / -70.0 |
| 97                                                                                                                               | +70.0 / -126.2 | +70.0 / -98.0  | +70.0 / -81.3  | +70.0 / -70.0 | +70.0 / -89.3  | +70.0 / -84.5  | +70.0 / -73.5 | +70.0 / -70.0 | +70.0 / -87.4  | +70.0 / -82.9  | +70.0 / -75.5 | +70.0 / -70.0 |
| WHEN DOORS ARE ASSEMBLED WITH SIDELITES, THE LESSER OF THE SIDELITE PRESSURE OR DOOR PRESSURE FROM THE TABLES ABOVE SHALL APPLY. |                |                |                |               |                |                |               |               |                |                |               |               |



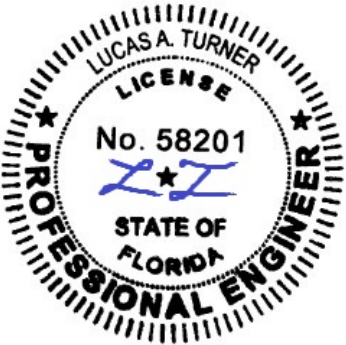
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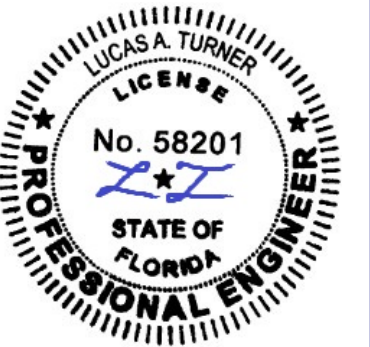
COMPARATIVE ANALYSIS  
AND GLAZING DETAIL

|           |          |
|-----------|----------|
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| ADE       | 09/08/11 |
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| 1:1       | 4 OF 13  |



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SWING DOOR  
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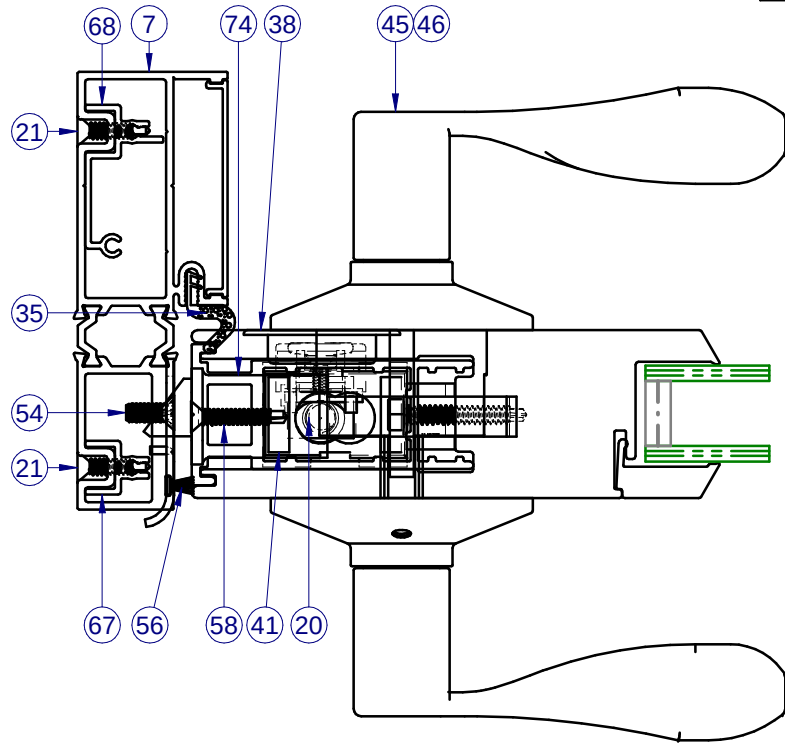
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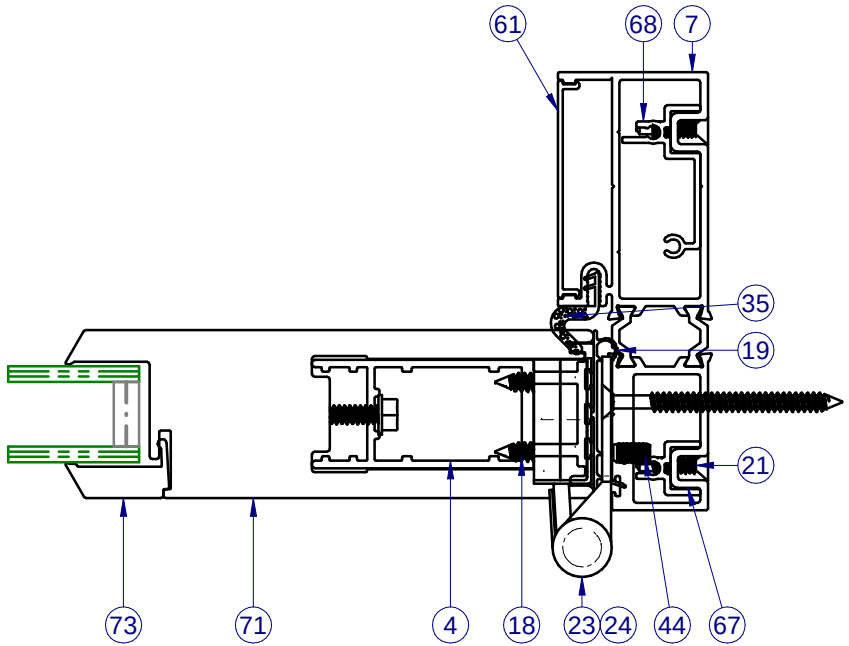
SECTION VIEWS  
SINGLE DOOR

|           |          |
|-----------|----------|
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| ADE       | 09/08/11 |
| DWG #:    | REV.:    |
| CWS-640   | D        |
| SCALE:    | SHEET    |
| 1:2       | 5 OF 13  |

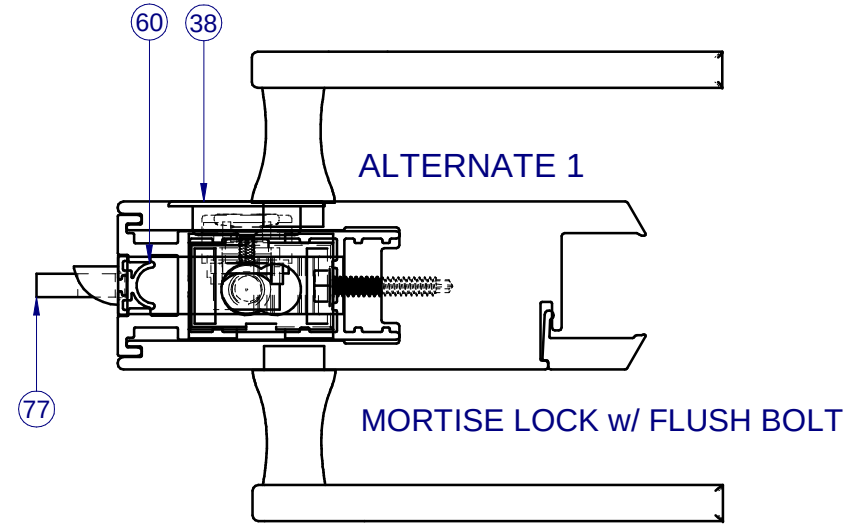
INTERIOR



SECTION VIEW B-B

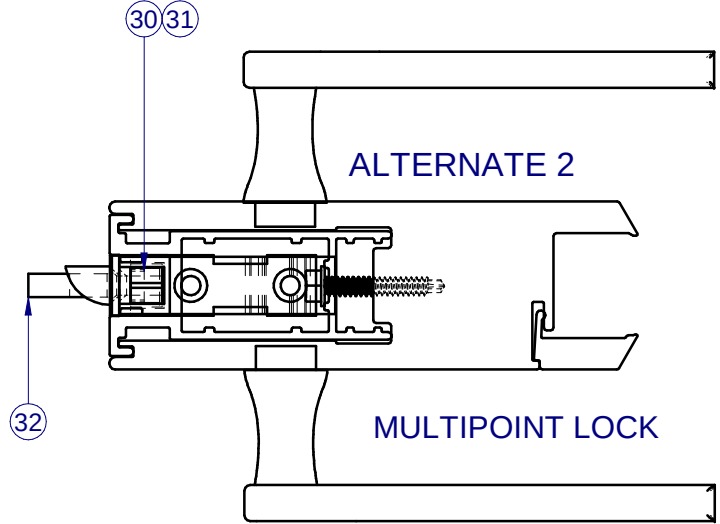


ALTERNATE 1



MORTISE LOCK w/ FLUSH BOLT

ALTERNATE 2

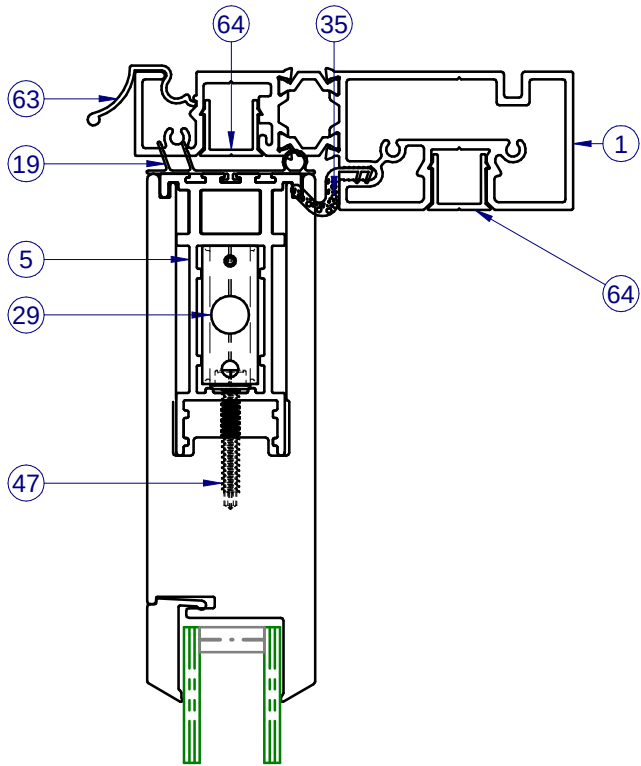


MULTIPOINT LOCK

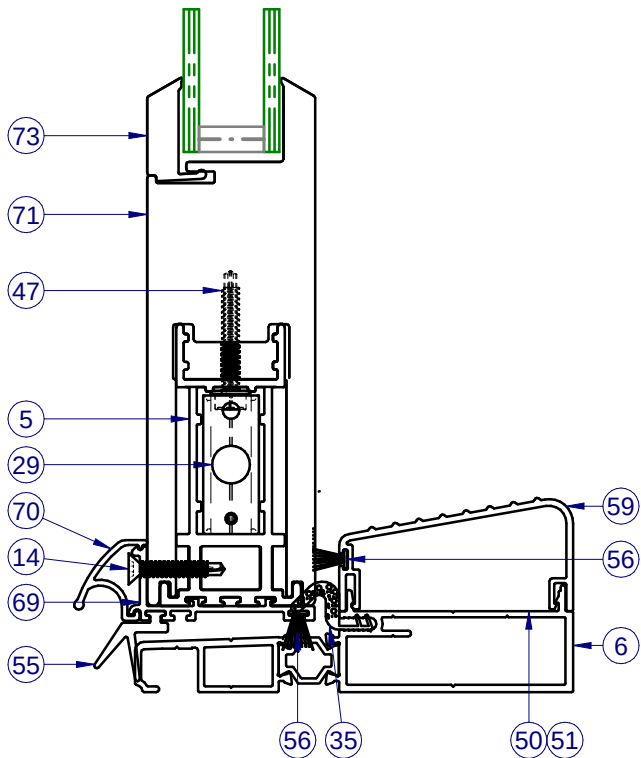
ITEMS NOT SHOWN FOR CLARITY:  
10-12, 13, 15-17, 22, 43, 48, 54, 57-58

ITEMS NOT USED IN VERSION SHOWN:  
2-3, 8-9, 15-16, 25-28, 30-34, 36-40, 43, 52-53, 60, 62, 65-66, 72, 76

INTERIOR



SECTION VIEW A-A



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SECTION VIEWS  
FRENCH DOOR

DRAWN BY:

ADE

DATE:

09/08/11

DWG #:

CWS-640

REV.:

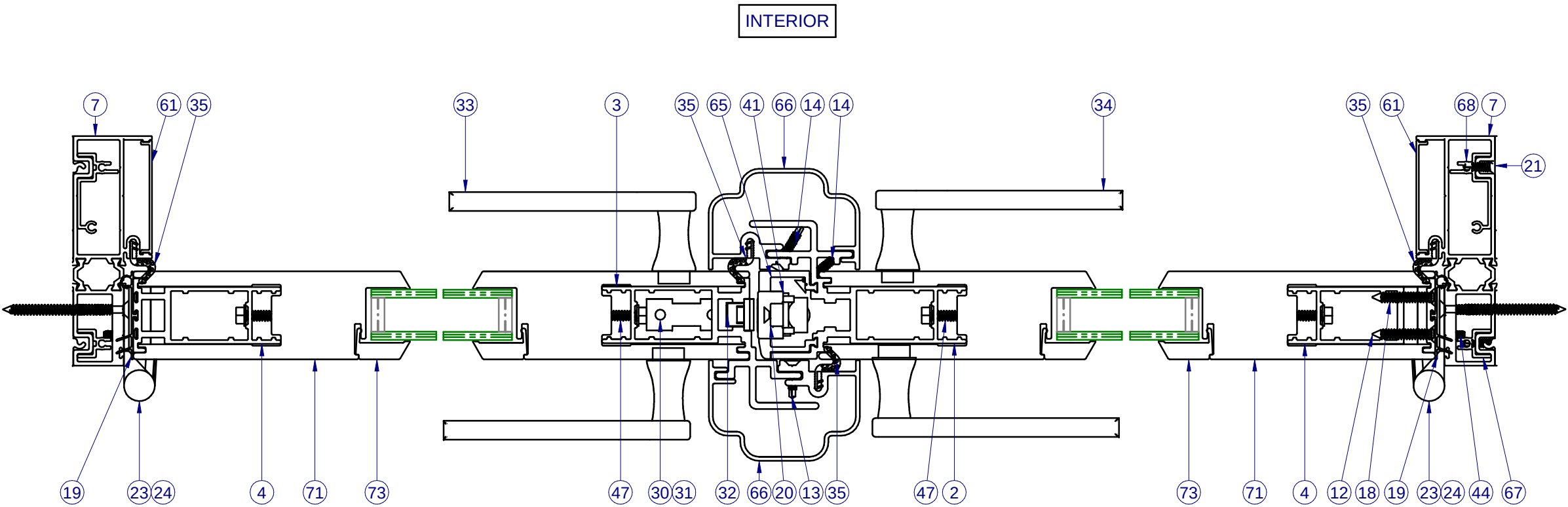
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SCALE:

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SHEET

6 OF 13

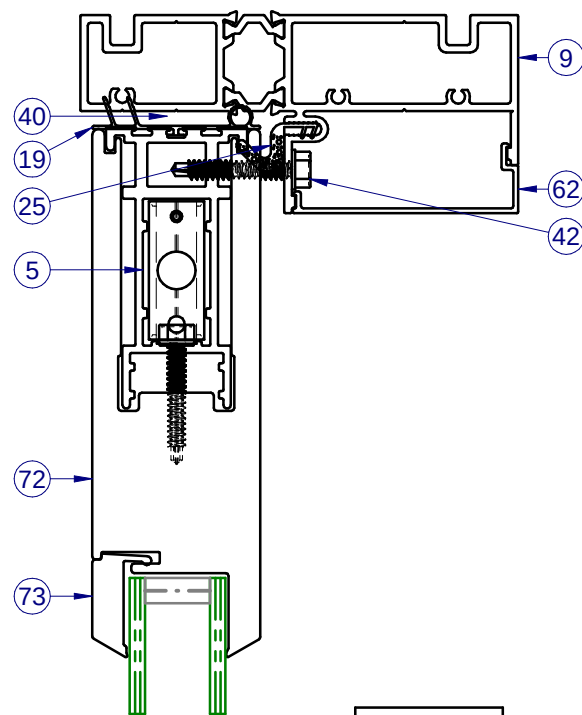


SECTION VIEW C-C

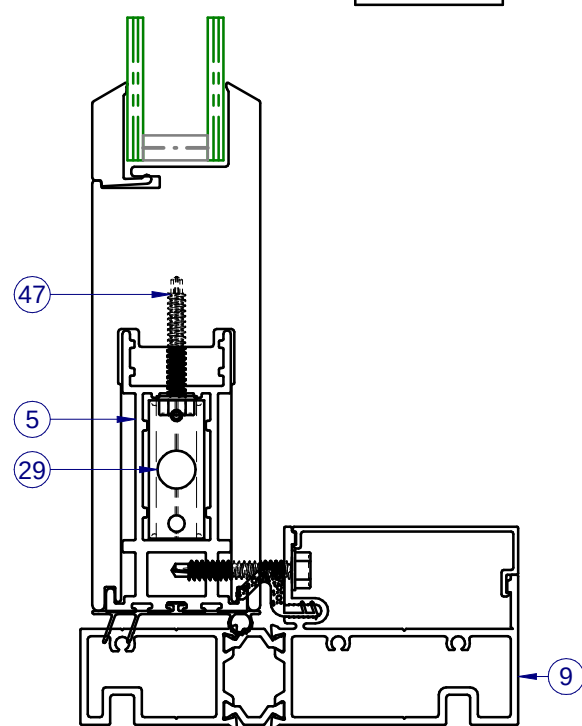
NOTE: VERTICAL SECTION SIMILAR  
TO SINGLE DOOR, SEE SHEET 5

ITEMS NOT SHOWN FOR CLARITY:  
10-13, 15-17, 22, 26-28, 36-39, 43, 54, 57

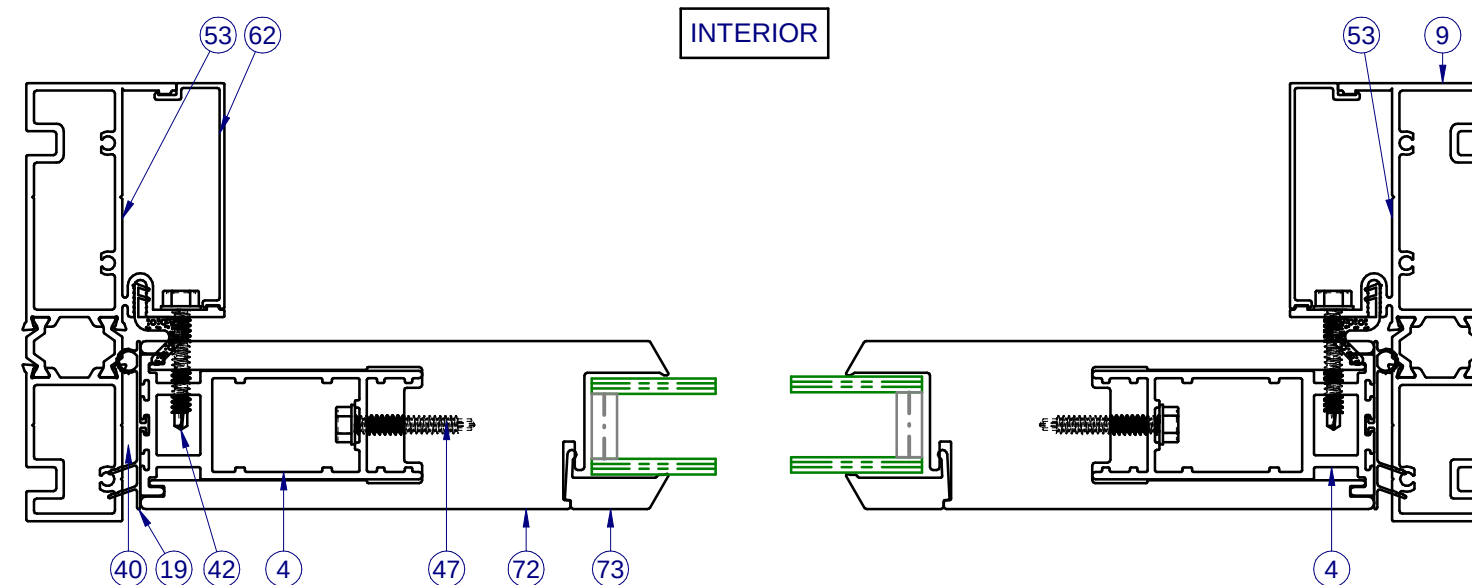
ITEMS NOT USED IN VERSION SHOWN:  
8-9, 15-16, 25, 40, 42, 45-46, 48, 52-53, 58, 60, 74, 76



INTERIOR

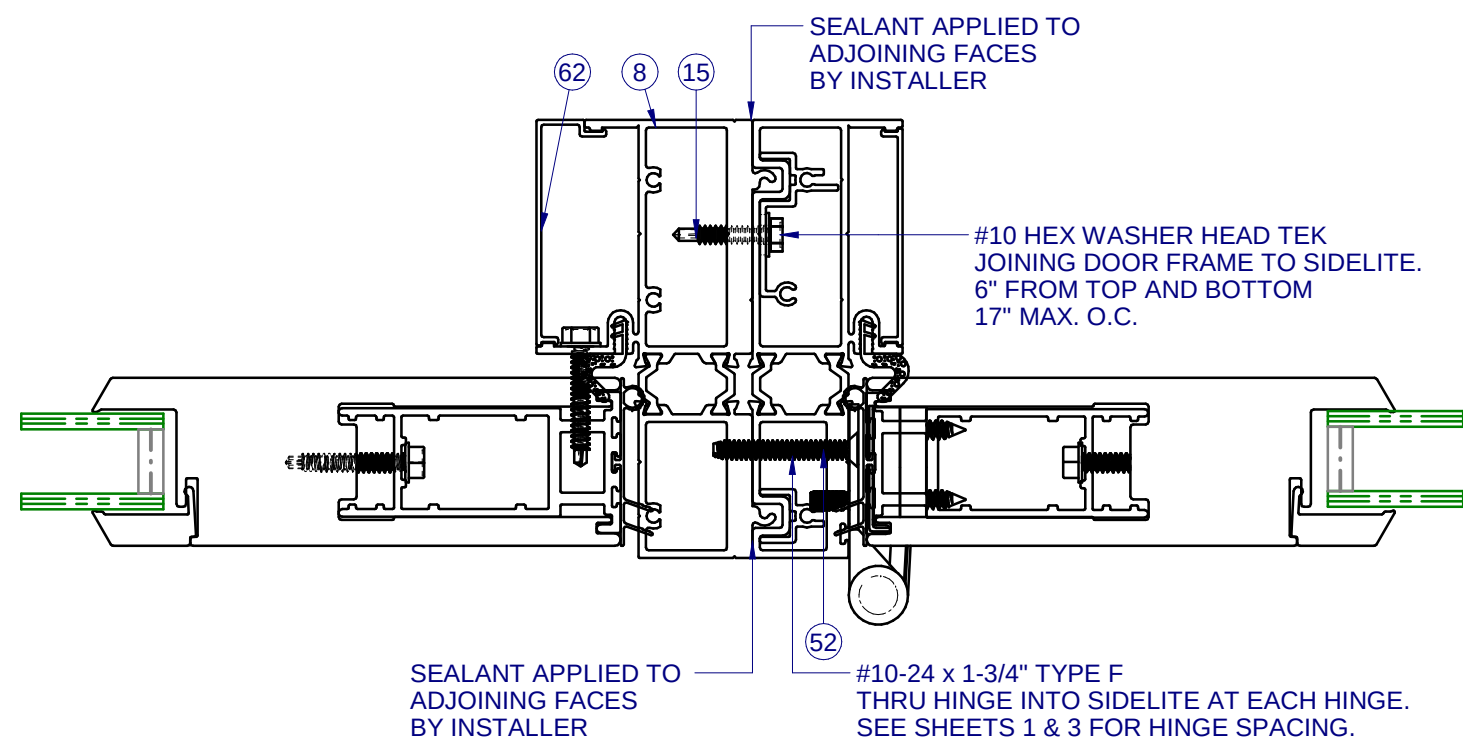


SECTION VIEW D-D



INTERIOR

SECTION VIEW E-E

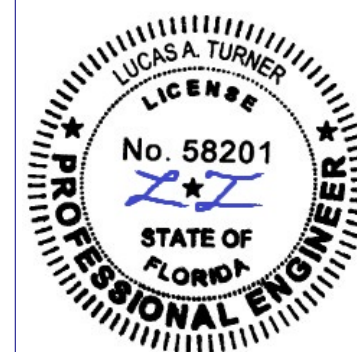


ITEMS NOT SHOWN FOR CLARITY:  
10-11, 16, 22, 28, 43, 57

ITEMS NOT USED IN VERSION SHOWN:  
1-3, 6-15, 17-18, 20-21, 23-24, 26-27, 30-39, 41, 44-46, 48-52, 54-56, 58-61, 63-71, 74-76

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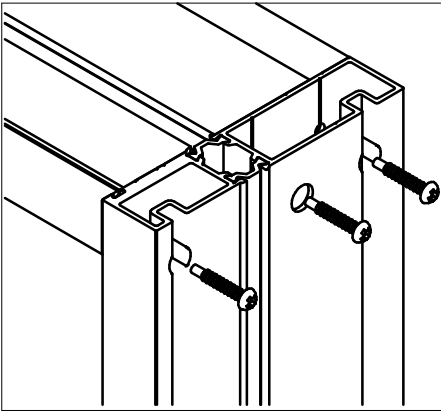
SECTION VIEWS  
ATTACHED SIDELITE

|           |          |
|-----------|----------|
| DRAWN BY: | DATE:    |
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| CWS-640   | D        |
| SCALE:    | SHEET    |
| 1:2       | 7 OF 13  |

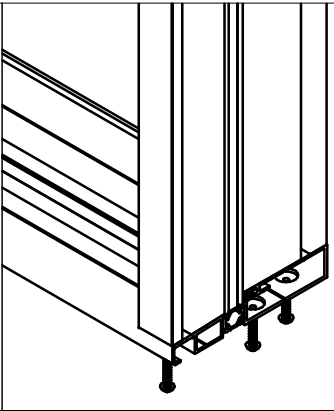
| PARTS LIST |              |                                                    |          |
|------------|--------------|----------------------------------------------------|----------|
| ITEM       | PART #       | DESCRIPTION                                        | MATERIAL |
| 1          | H-1833       | MAIN FRAME, HEAD                                   | ALUM     |
| 2          | H-1857       | ASTRAGAL, INACTIVE, FD, PVC                        | ALUM     |
| 3          | H-1858       | ASTRAGAL, ACTIVE, FD, PVC                          | ALUM     |
| 4          | H-1860       | REINFORCEMENT, VERT.                               | ALUM     |
| 5          | H-1861       | REINFORCEMENT, HORIZ.                              | ALUM     |
| 6          | H-1878       | MAIN FRAME, SILL                                   | ALUM     |
| 7          | H-1880       | MAINFRAME, JAMB                                    | ALUM     |
| 8          | H-1881       | MAINFRAME, SIDELITE @ DOOR                         | ALUM     |
| 9          | H-1900       | MAINFRAME, SIDELITE @ JAMB, HEAD, SILL             | ALUM     |
| 10         | P-5615       | SETTTING BLOCK, 1/8 X 1 X 2                        |          |
| 11         |              | SIAKFLEX 552 or PURFECT GLAZE "H"                  |          |
| 12         | P-3503       | SCREW #8 X 1/2" PH TRUSS SS @ ASTRAGAL CAP         |          |
| 13         | P-3511       | SCREW #8 x 5/8" SQ. PAN TEK @ TIEROD BRKT          |          |
| 14         | P-3587       | SCREW #8 X 1", PH FLAT TEK @ ASTRAGAL, INSERT,LOCK |          |
| 15         | P-3767       | SCREW, #10 X 1" HEX HEAD, TEK @ SIDELITE           |          |
| 16         | P-4146       | SCREW #8 X 3/4 PHIL, FLAT SS TEK @ SIDELITE SHIM   |          |
| 17         | P-4278       | FUZZY PAD, .200" x 1.250" W/ADHESIVE               |          |
| 18         | P-4522       | #10 x 1 1/4", PH FLAT, SMS - HINGE @ PANEL         |          |
| 19         | P-4774B      | WSTP, BULB/LEAFS, PANEL                            |          |
| 20         | P-4790       | FLUSH BOLT, ASSM, TOP/BTM                          |          |
| 21         | P-4794       | SCREW #8 x 5/8" SQ.FLAT TEK @ INSERT ATTACH        |          |
| 22         | P-4802       | ALL THREADED ROD (TIE ROD)                         |          |
| 23         | P-4807       | HINGE, GUIDE                                       |          |
| 24         | P-4808/P4809 | HINGE, SET                                         |          |
| 25         | P-4814       | WSTP, .50X.750 FOLDED BULB SEAL, @ SIDELITE        |          |
| 26         | P-4863       | LOCK STRIKE PLATE                                  |          |
| 27         | P-4864       | RHINO STRIKE PLATE                                 |          |
| 28         | P-4866A      | GUIDE, TIE ROD                                     | NYLON    |
| 29         | P-4871       | TIE ROD BRACKET                                    | ZINC     |
| 30         | P-4885       | SHOOT BOLT, TOP                                    |          |
| 31         | P-4886       | SHOOT BOLT, BOTTOM                                 |          |
| 32         | P-4851       | LOCKBAR, INACTIVE, 8 FT                            |          |
| 32         | P-4884       | LOCKBAR, MULTI-POINT, 5PT, 8 FT                    |          |
| 32         | P-4901       | LOCKBAR, MULTI-POINT, 4PT, 6'8 FT                  |          |
| 32         | P-4902       | LOCKBAR, INACTIVE, 6'8 FT                          |          |
| 33         | P-4903       | HANDLE SET, ACTIVE                                 |          |
| 34         | P-4905       | HANDLE SET, INACTIVE                               |          |
| 35         | P-4913       | WSTP, .50X.50 FOLDED BULB SEAL, @ DOOR             |          |
| 36         | P-4917       | CAP, ASTRAGAL, OUTSIDE                             | NYLON    |
| 37         | P-4918       | GUIDE, FLUSH BOLT, INACTIVE PNL                    |          |
| 38         | P-4922       | COVER, INTERIOR, FLUSH BOLT                        | NYLON    |
| 39         | P-4925       | CAP, ASTRAGAL, INSIDE                              | NYLON    |
| 40         | P-4926       | SHIM, SIDELITE, DOOR SHIPPING BLOCK                | NYLON    |
| 41         | P-4927       | GUIDE, FLUSH BOLT                                  | NYLON    |
| 42         | P-4930       | SCREW, #10 X 1-1/4" HEX HEAD TEK @ SIDELITE ATTACH |          |
| 43         | P-4933       | NUT, 3/8"-16 FLANGED W/ SERRATED LIP, SS, @ PANEL  |          |
| 44         | P-4934       | SCREW, #12-24 X 1/2", PH FLAT, MS, @ HINGE         |          |
| 45         | P-4936       | DOOR KNOB, ACTIVE PANEL *                          |          |
| 46         | P-4937       | DEADBOLT, ACTIVE PANEL *                           |          |
| 47         | P-4969       | SCREW, #10 X 2" REINF. ATTACH.                     |          |
| 48         | P-4997       | STRIKE, DEADBOLT                                   |          |
| 49         | P-5127       | SCREW, #12 X 2", PH PAN, SMS, ANCHOR               |          |
| 50         | P-5130       | GASKET, DOOR SILL, FRONT                           | FOAM     |

\* ALTERNATE APPROVED LOCKSETS:  
PAMEX GRADE 2 LOCKSET AND DEADBOLT

| PARTS LIST |        |                                                      |          |
|------------|--------|------------------------------------------------------|----------|
| ITEM       | PART # | DESCRIPTION                                          | MATERIAL |
| 51         | P-5131 | GASKET, DOOR SILL, BACK                              | FOAM     |
| 52         | P-5134 | SCREW, #10 X 1-3/4" FLAT SQUARE TYPE F @ HINGE       |          |
| 53         | P-5151 | GASKET, SIDELITE                                     | FOAM     |
| 54         | P-5157 | SCREW #10-24 x 1/2", FI Undercut PH, 18-8SS @ KEEPER |          |
| 55         | P-5158 | BOTTOM SEAL                                          | RUBBER   |
| 56         | P-5172 | WSTP, .370 X .187, TRI FIN, BLACK                    |          |
| 57         | P-5174 | SCREW #8 X 3/4" HEX WASHER HEAD, @ FRAME             |          |
| 58         | P-5186 | SCREW #8-32 x 1-1/4" PH,FL MS, SS @ PLUNGER          | SS       |
| 59         | S-1783 | THRESHOLD, HIGH RISE                                 | ALUM     |
| 60         | S-1784 | INSERT, REINFORCEMENT                                | ALUM     |
| 61         | S-1806 | COVER, JAMB, ANCHOR                                  | ALUM     |
| 62         | S-1816 | COVER, JAMBS, HEAD,SILL, SIDELITE                    | ALUM     |
| 63         | S-1817 | DRIP CAP                                             | ALUM     |
| 64         | S-1840 | COVER, HEAD, ANCHOR                                  | ALUM     |
| 65         | S-1849 | INSERT, INACTIVE PNL, LOCK HARDWARE                  |          |
| 66         | S-1859 | COVER, ASTRAGAL, FD                                  | ALUM     |
| 67         | S-1864 | INSERT, FRONT, BTM ATTACH SILL                       | ALUM     |
| 68         | S-1865 | INSERT, BACK, BTM ATTACH SILL                        | ALUM     |
| 69         | S-1915 | BASE, SWEEP                                          | ALUM     |
| 70         | S-1916 | DRIP COVER, SWEEP                                    | ALUM     |
| 71         | S-6083 | PANEL, TOP/BTM RAIL, SIDES - DOOR                    | PVC      |
| 72         | S-6083 | PANEL, TOP/BTM RAIL, SIDES - SIDELITE                | PVC      |
| 73         | S-6084 | GLAZING BEAD (1")                                    | PVC      |
| 74         | H-1888 | REINFORCEMENT, VERT., SINGLE DOOR                    | ALUM     |
| 75         | GLASS  | SEE SHEET 4                                          |          |
| 76         | H-1862 | REINFORCEMENT, VERT.                                 | ALUM     |
| 77         | P-4887 | MORTISE LOCK                                         |          |



HEAD



SILL

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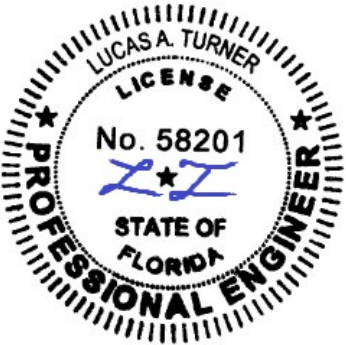
WINDOW SYSTEMS

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SHEET DESCRIPTION:

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ADE

DATE:

09/08/11

DWG #:

CWS-640

REV.:

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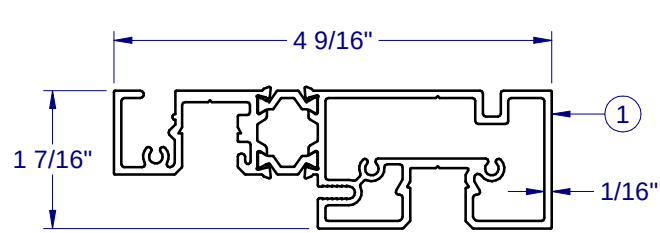
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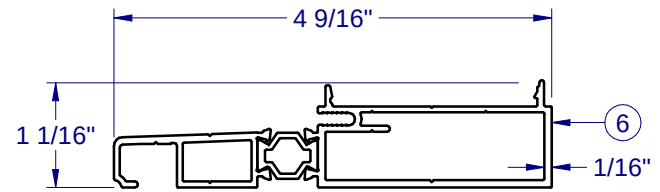
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8 OF 13

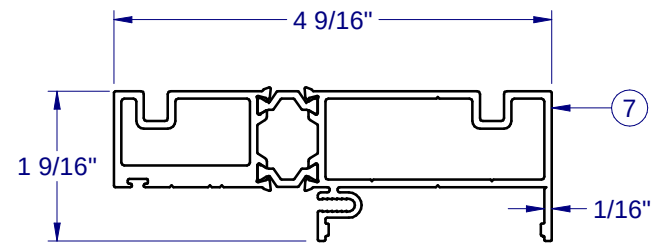




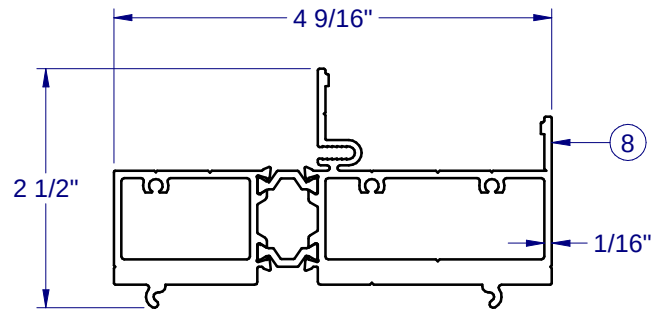
DOOR HEAD-1833



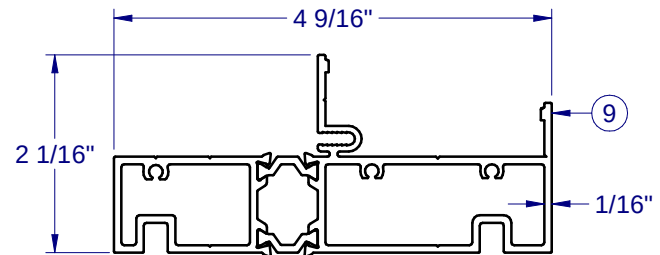
DOOR SILL-1878



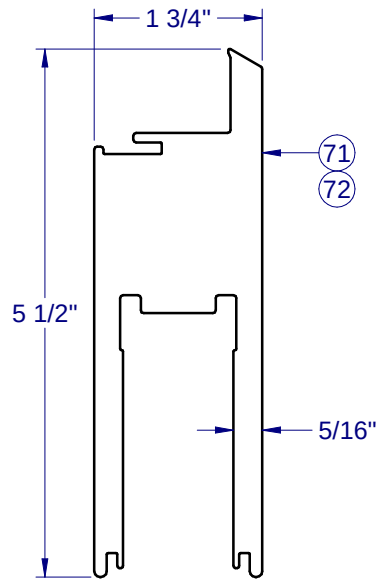
DOOR JAMB-1880



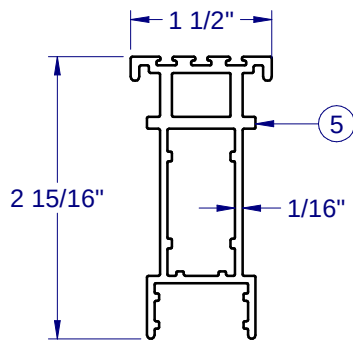
SIDELITE-1881



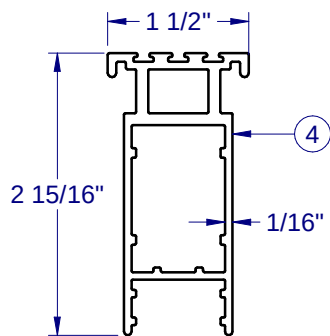
SIDELITE-1900



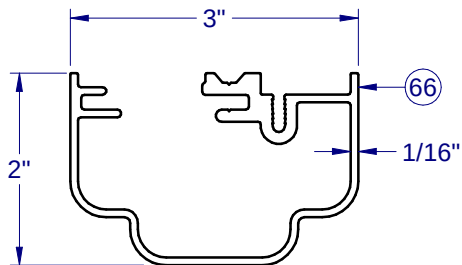
PVC DOOR PANEL - 6083



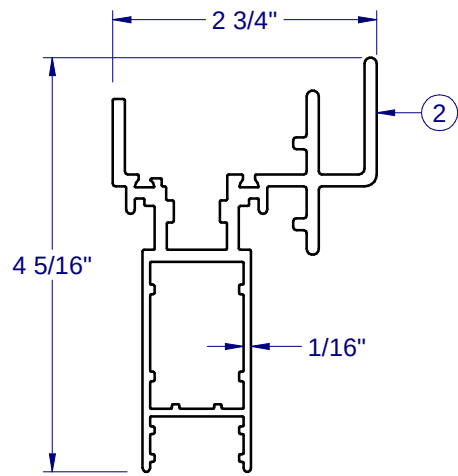
REINFORCEMENT - 1861



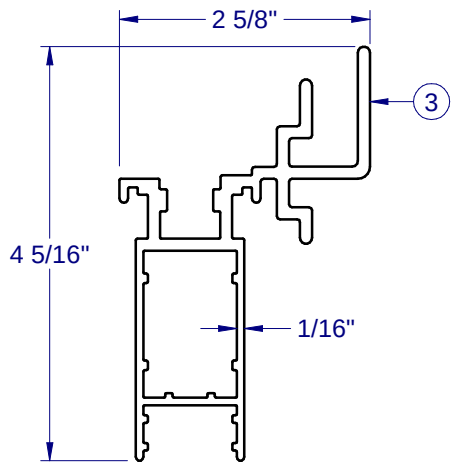
REINFORCEMENT-1860



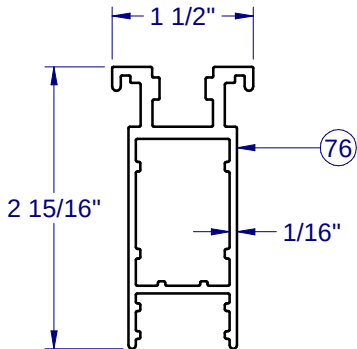
ASTRAGAL COVER-1859



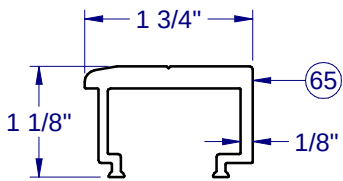
REINFORCEMENT - 1857



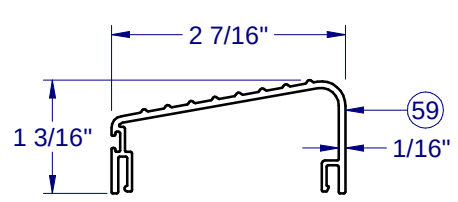
REINFORCEMENT - 1858



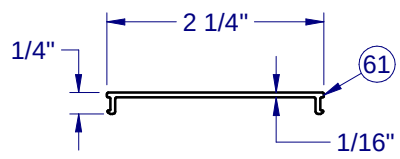
REINFORCEMENT - 1862



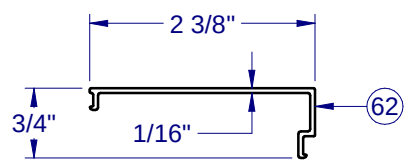
INSERT, INACTIVE PNL -1849



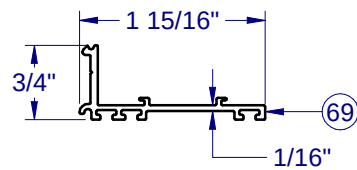
THRESHOLD - 1783



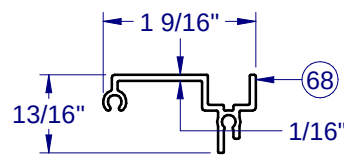
FRAME COVER - 1806



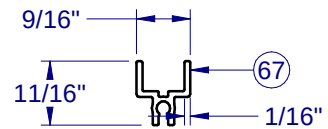
SIDELITE COVER - 1816



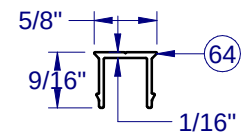
BASE SWEEP - 1915



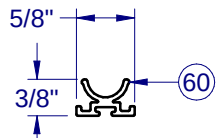
INSERT, BACK - 1865



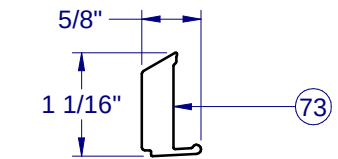
INSERT, FRONT - 1864



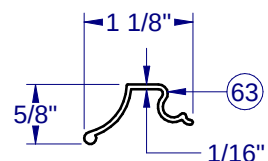
HEAD COVER - 1840



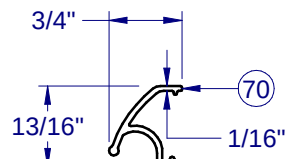
FILLER - 1784



PVC GLAZING BEAD - 6084



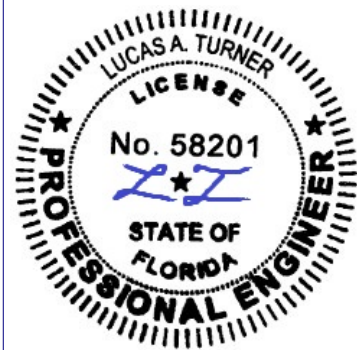
DRIP CAP - 1817



DRIP COVER - 1916

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SHEET DESCRIPTION:

EXTRUSIONS

DRAWN BY:

ADE

DATE:

09/08/11

DWG #:

CWS-640

REV.:

D

SCALE:

1:2

SHEET

9 OF 13

NOTE: ALL EXTRUSIONS ARE 6063-T6 ALUMINUM

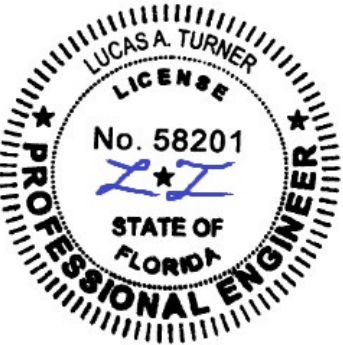
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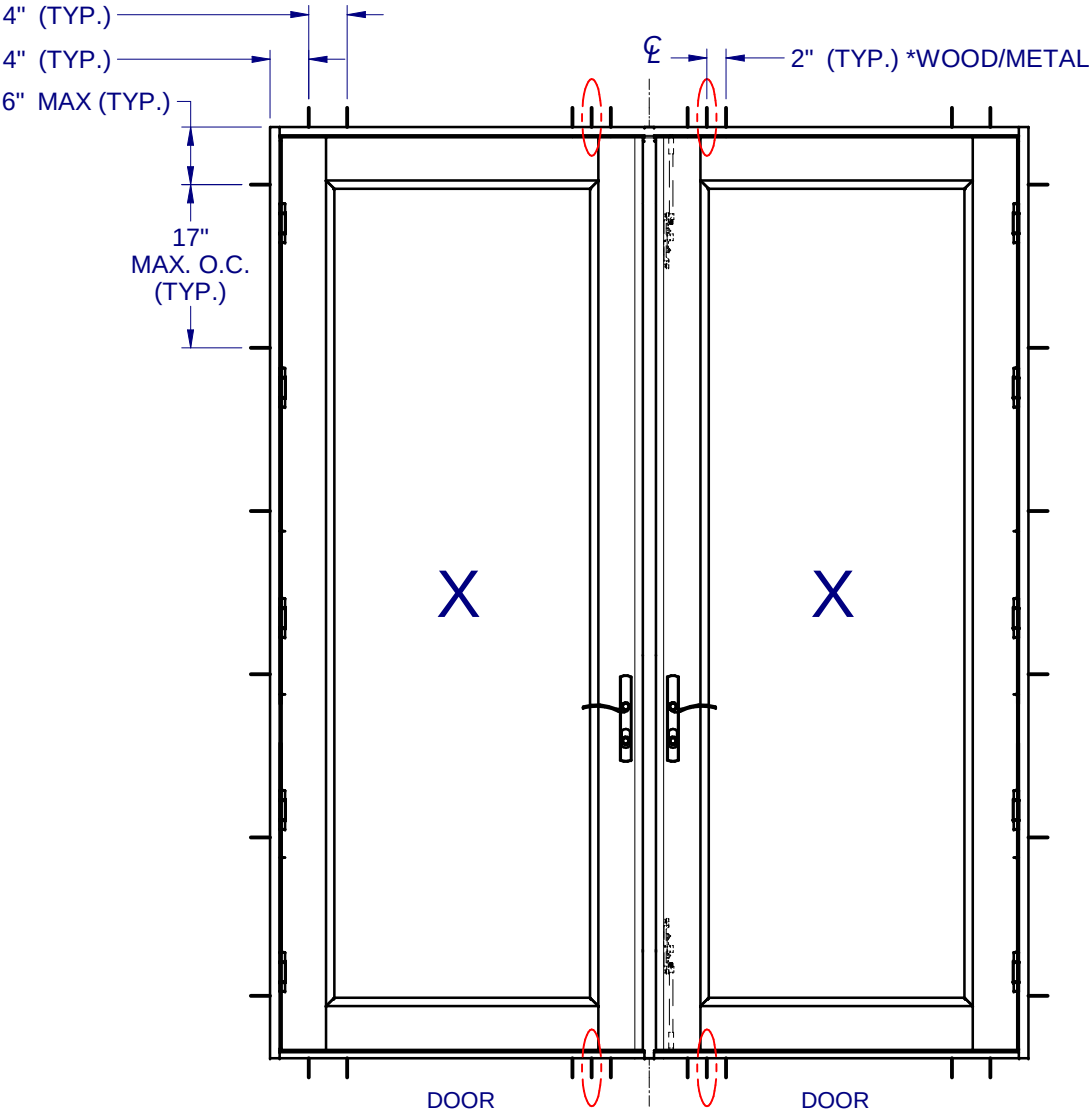
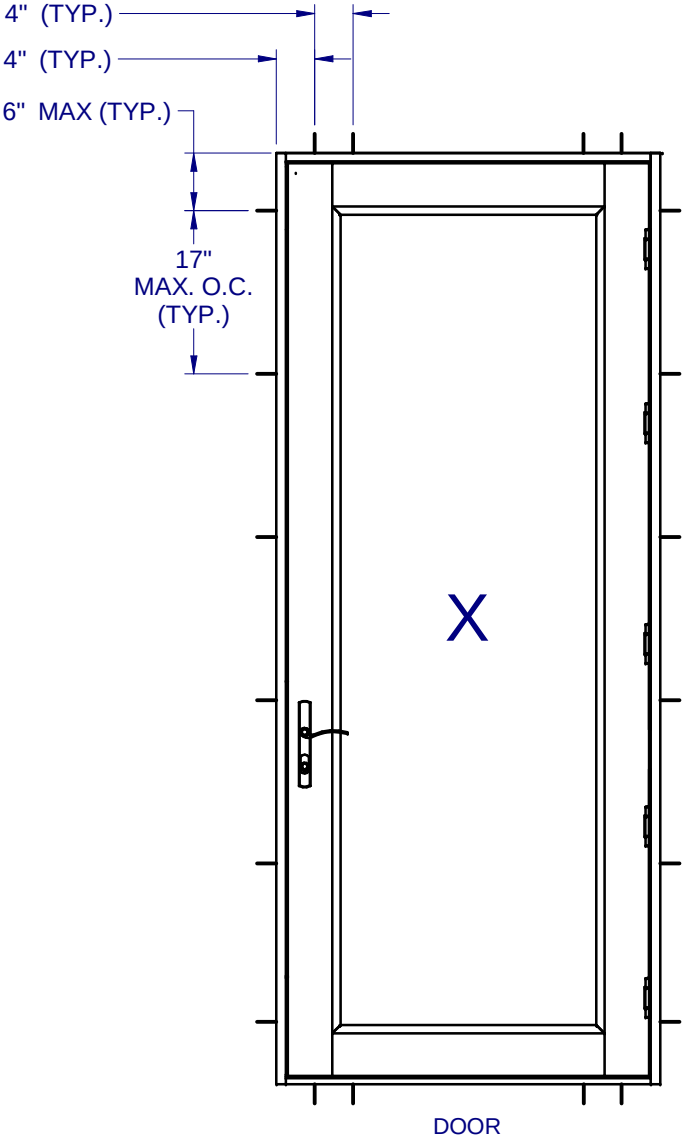


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SHEET DESCRIPTION:  
ANCHOR SCHEDULE AND  
NOTES

|                   |                   |
|-------------------|-------------------|
| DRAWN BY:<br>ADE  | DATE:<br>09/08/11 |
| DWG #:<br>CWS-640 | REV.:<br>D        |
| SCALE:<br>1:20    | SHEET<br>10 OF 13 |



NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 12.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 12.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE - 1X BUCKS ARE OPTIONAL.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 4" FOR MASONRY, 2-3/16" FOR HINGES (ALL SUBSTRATES), 1" FOR WOOD AND METAL.
8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE1, SHEET 12. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)

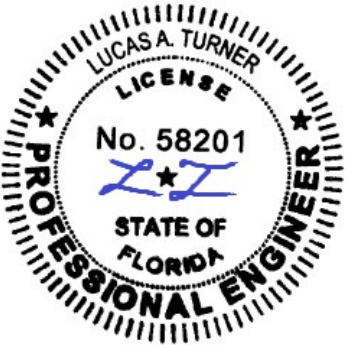
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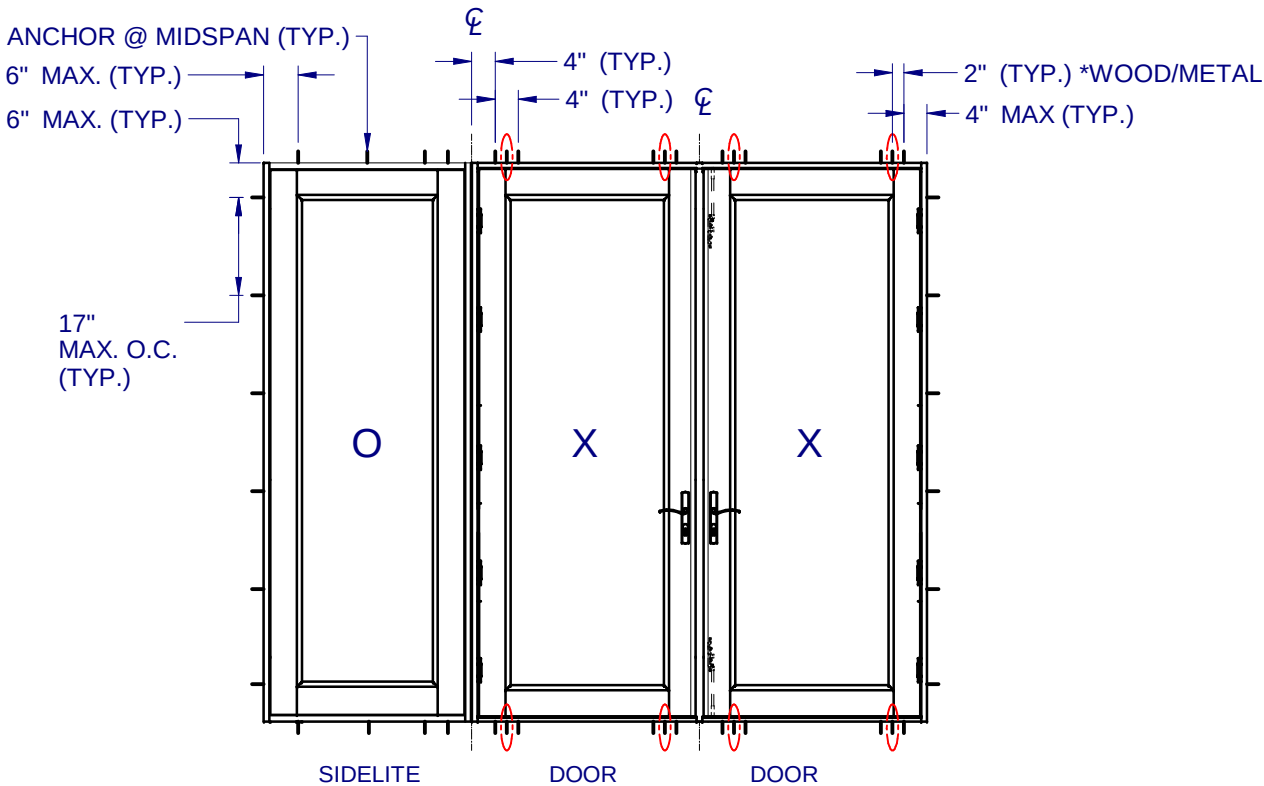
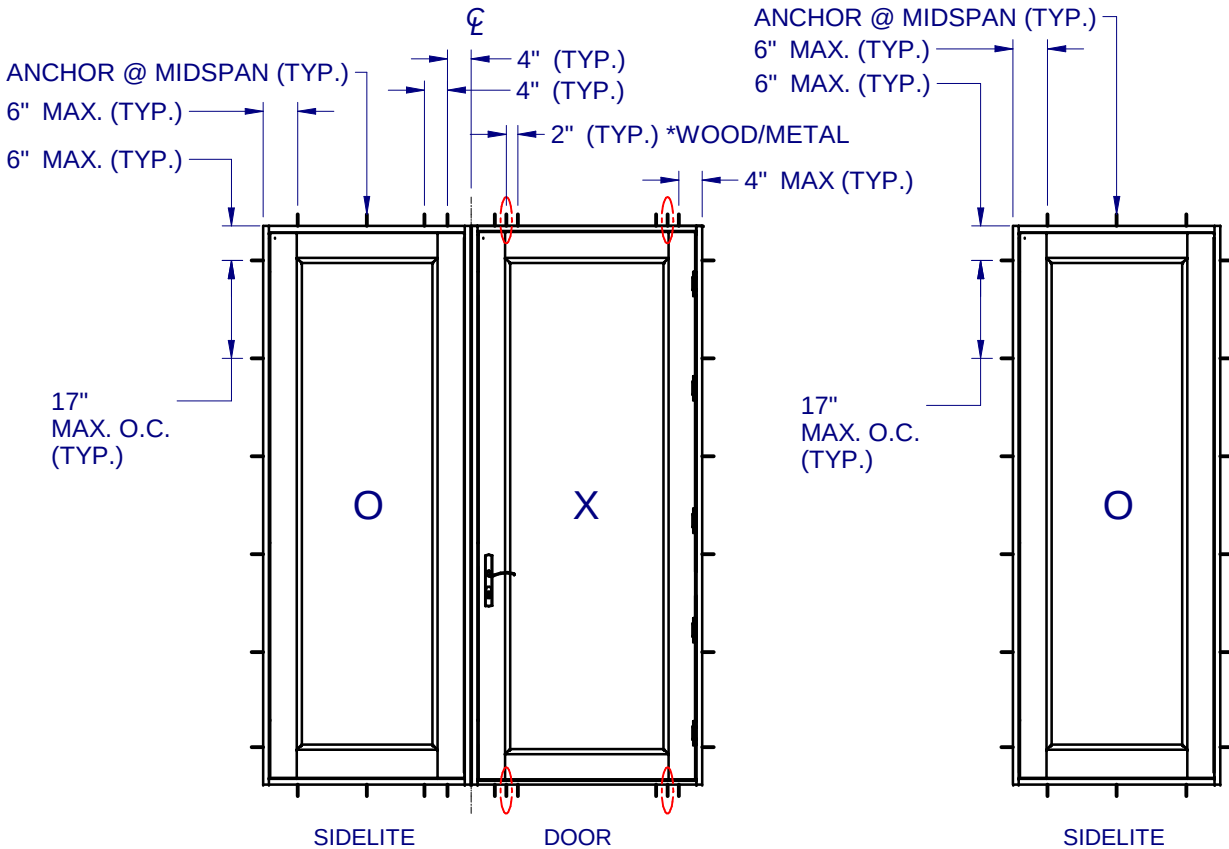
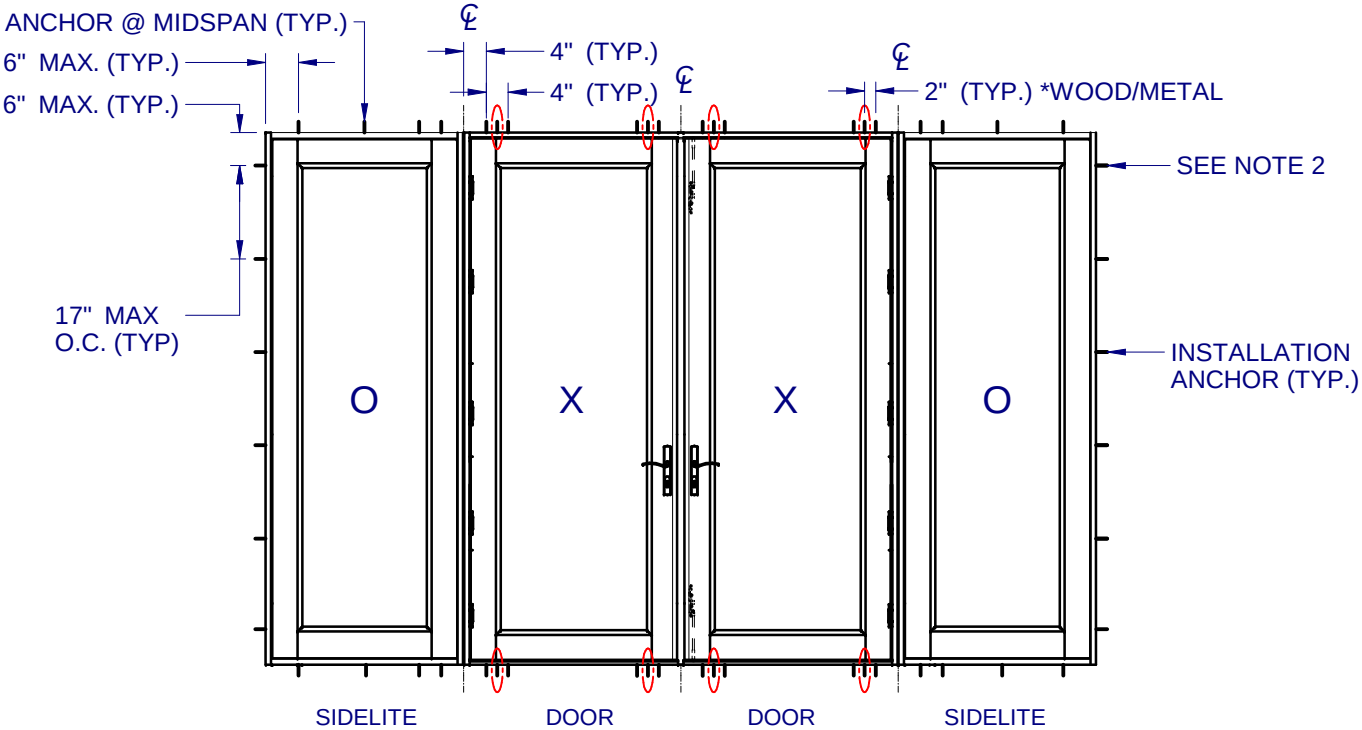
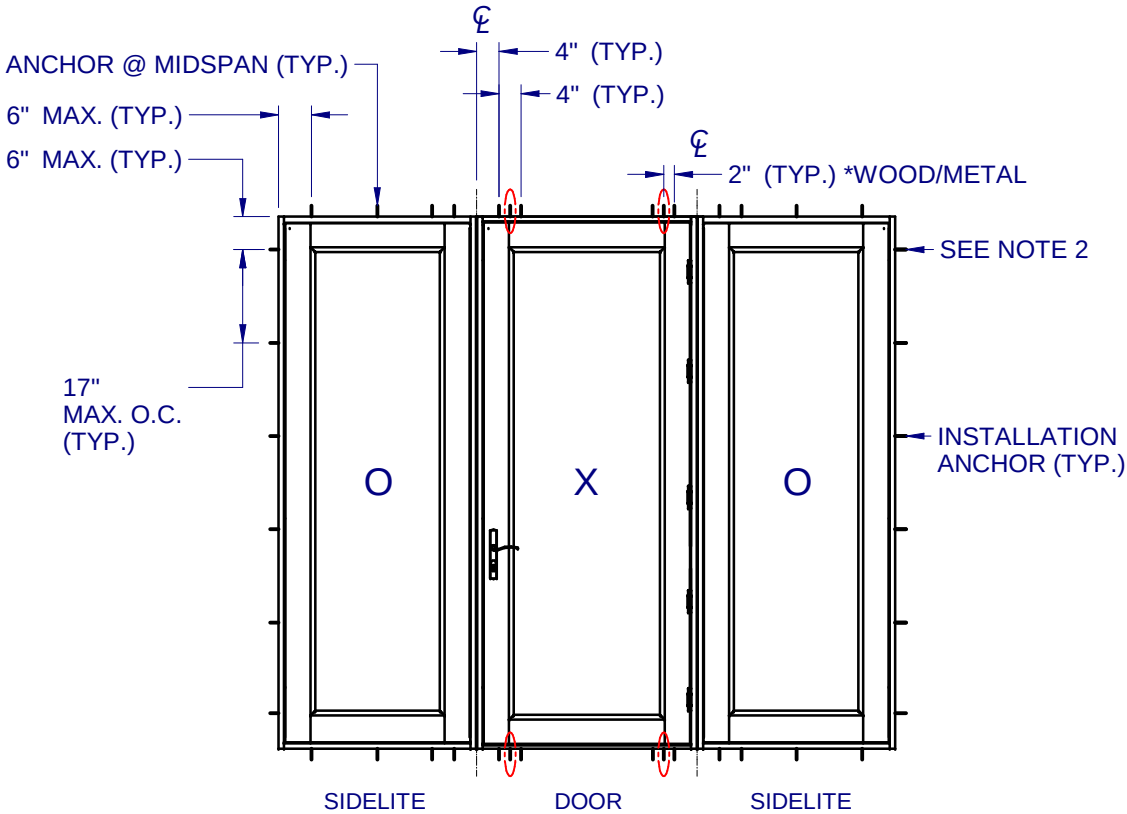


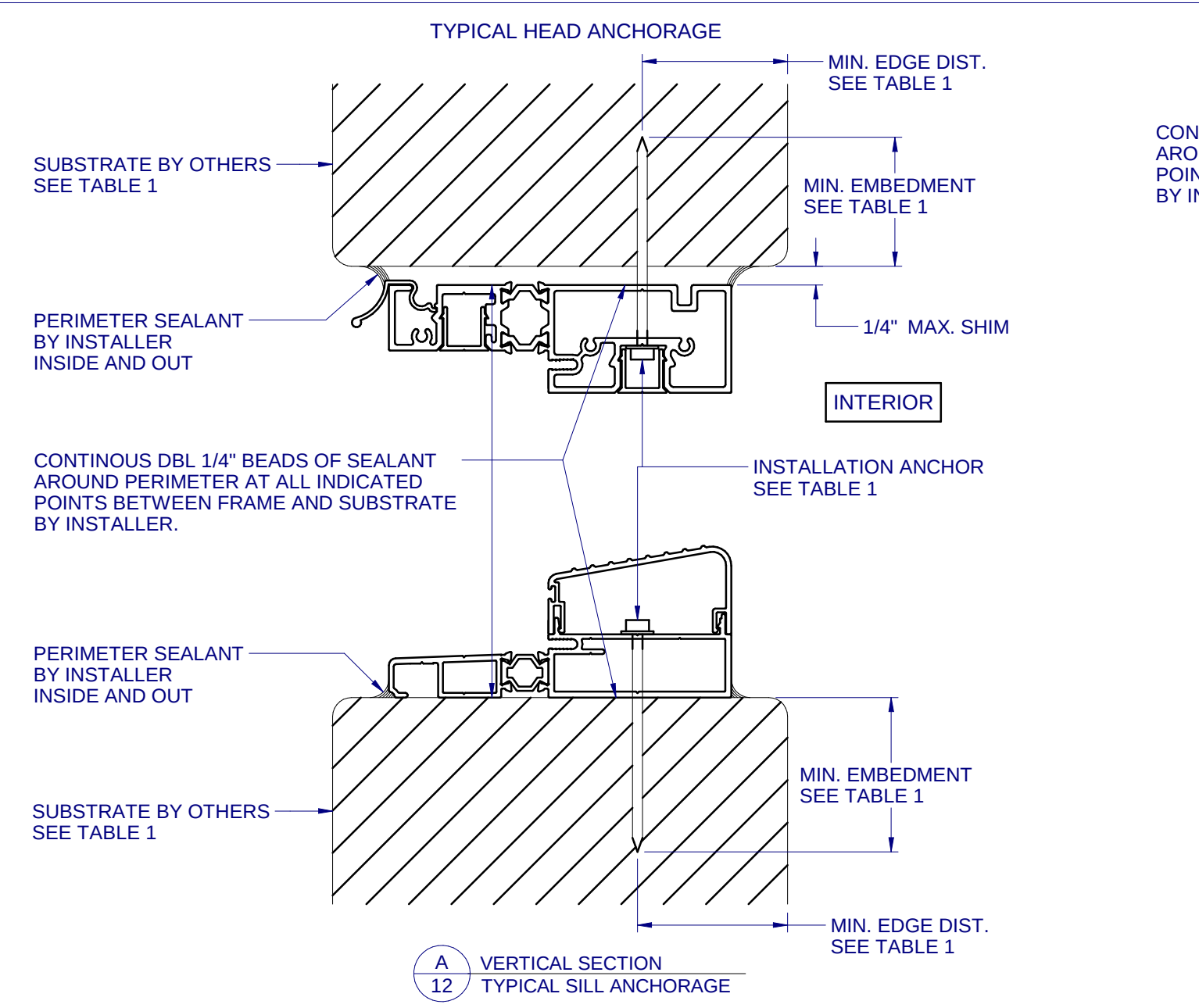
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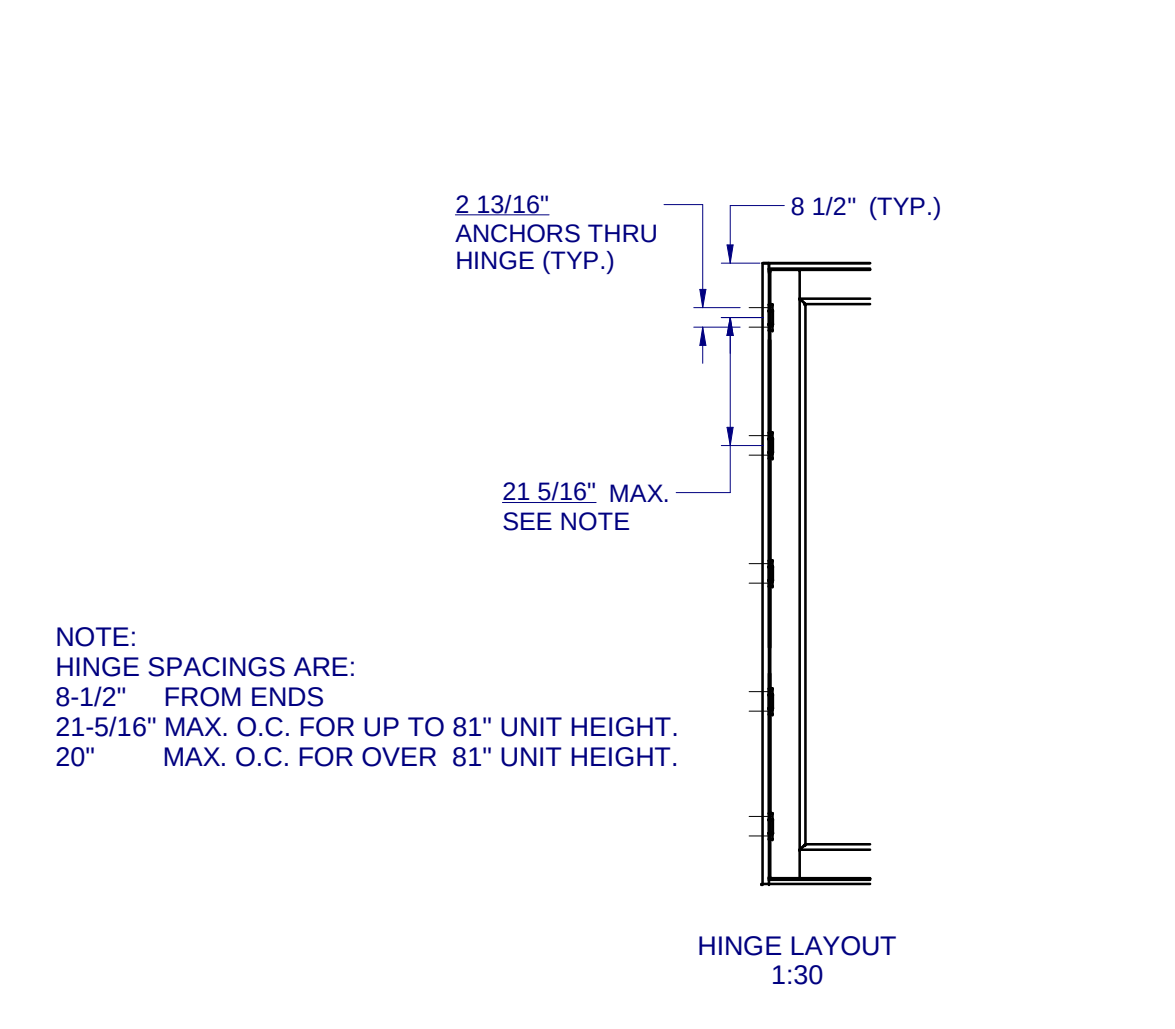
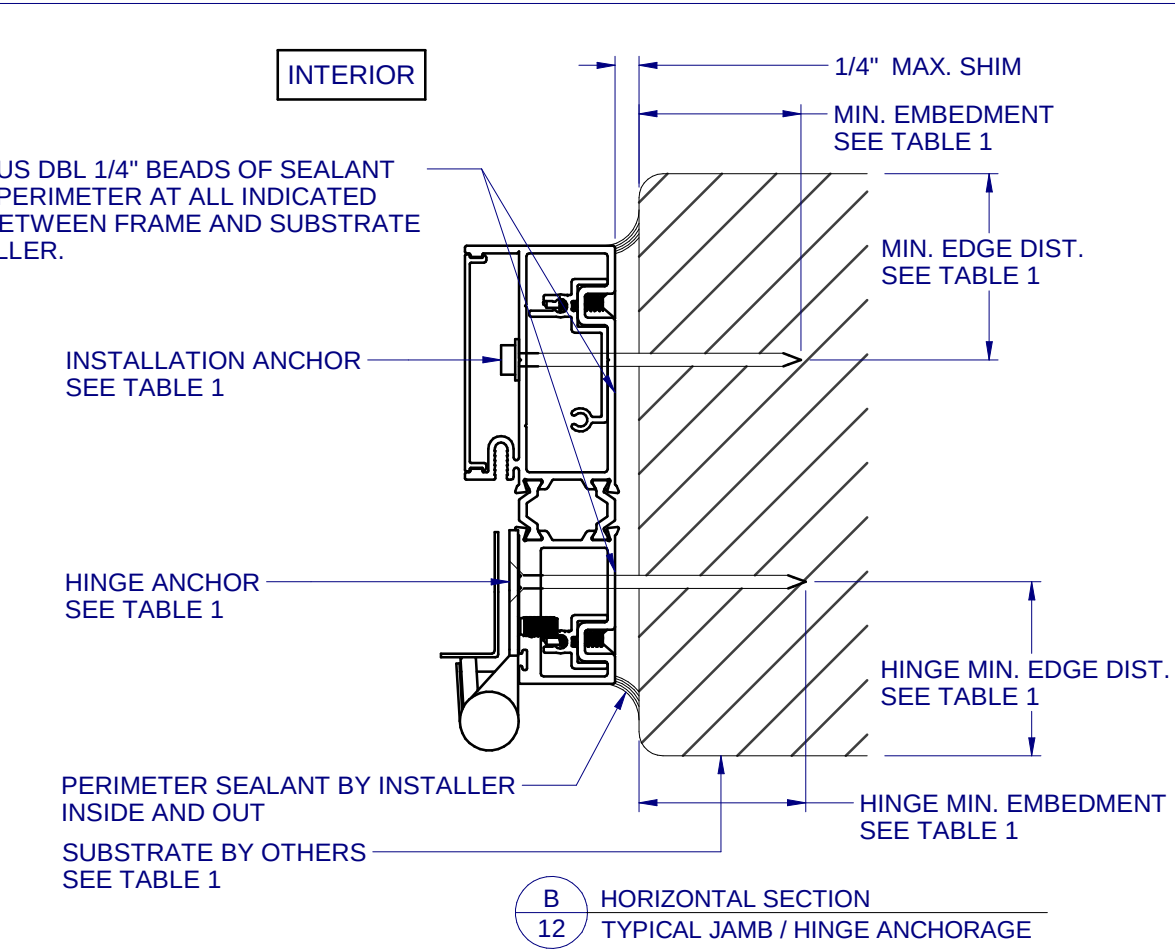
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ANCHOR SCHEDULE AND  
NOTES

|           |          |
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| ADE       | 09/08/11 |
| DWG #:    | REV.:    |
| CWS-640   | D        |
| SCALE:    | SHEET    |
| 1:33.33   | 11 OF 13 |





| TABLE 1: APPROVED INSTALLATION FASTENERS                                |                                                        |                         |                 |
|-------------------------------------------------------------------------|--------------------------------------------------------|-------------------------|-----------------|
| SUBSTRATE TYPE                                                          | ANCHOR TYPE                                            | MIN. EMBEDMENT          | MIN. EDGE DIST. |
| CONCRETE (2.85 KSI MIN.)                                                | 1/4" ELCO ULTRACON                                     | 1"                      | 2-1/2"          |
| GROUT-FILLED CMU (ASTM C-90)                                            | 1/4" ELCO ULTRACON                                     | 1-3/4"                  | 2-1/2"          |
| 2X MIN. SOUTHERN PINE (G=0.55)                                          | 1/4" ELCO ULTRACON                                     | 1-3/8"                  | 7/8"            |
| 2X MIN. SOUTHERN PINE (G=0.55)                                          | #12 WOOD SCREW                                         | 1-3/8"                  | 7/8"            |
| 16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN)                    | #12-14 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW | FULL THREAD THRU 0.060" | 1/2"            |
| 1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)                   | #12 GRADE 5 SELF-TAPPING / DRILLING SCREW              | FULL THREAD THRU 0.125" | 1/2"            |
| HINGE ANCHORS INTO CONCRETE (2.85 KSI MIN.)                             | 3/16" ELCO ULTRACON                                    | 1-3/4"                  | 2-1/2"          |
| HINGE ANCHORS INTO GROUT-FILLED CMU (ASTM C-90)                         | 3/16" ELCO ULTRACON                                    | 1-1/4"                  | 2-1/2"          |
| HINGE ANCHORS INTO 2X MIN. SOUTHERN PINE (G=0.55)                       | #10 WOOD SCREW                                         | 1-3/8"                  | 7/8"            |
| HINGE ANCHORS INTO 16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN) | #10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW | FULL THREAD THRU 0.060" | 1/2"            |
| HINGE ANCHORS 1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)     | #10 GRADE 5 SELF-TAPPING / DRILLING SCREW              | FULL THREAD THRU 0.125" | 1/2"            |



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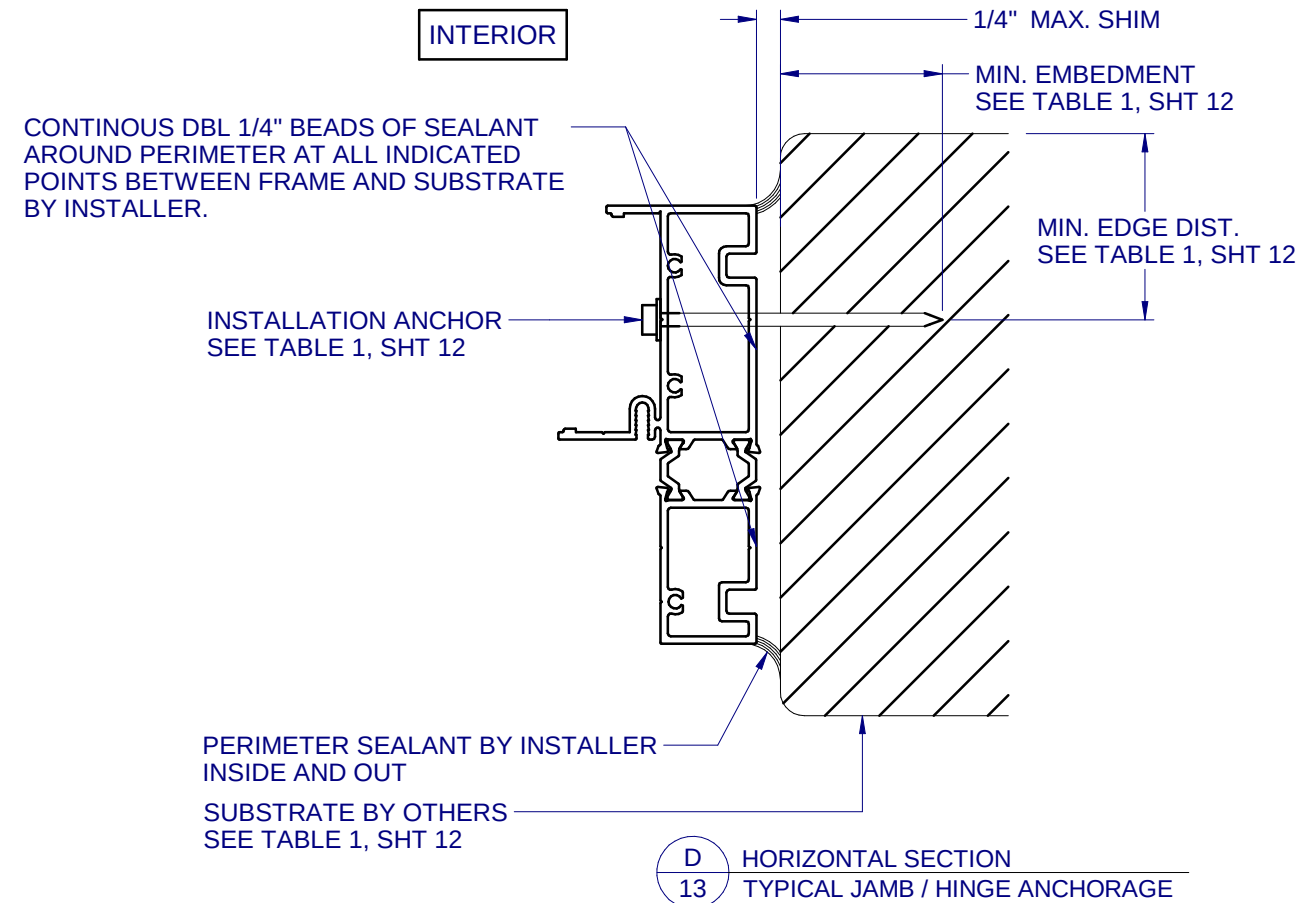
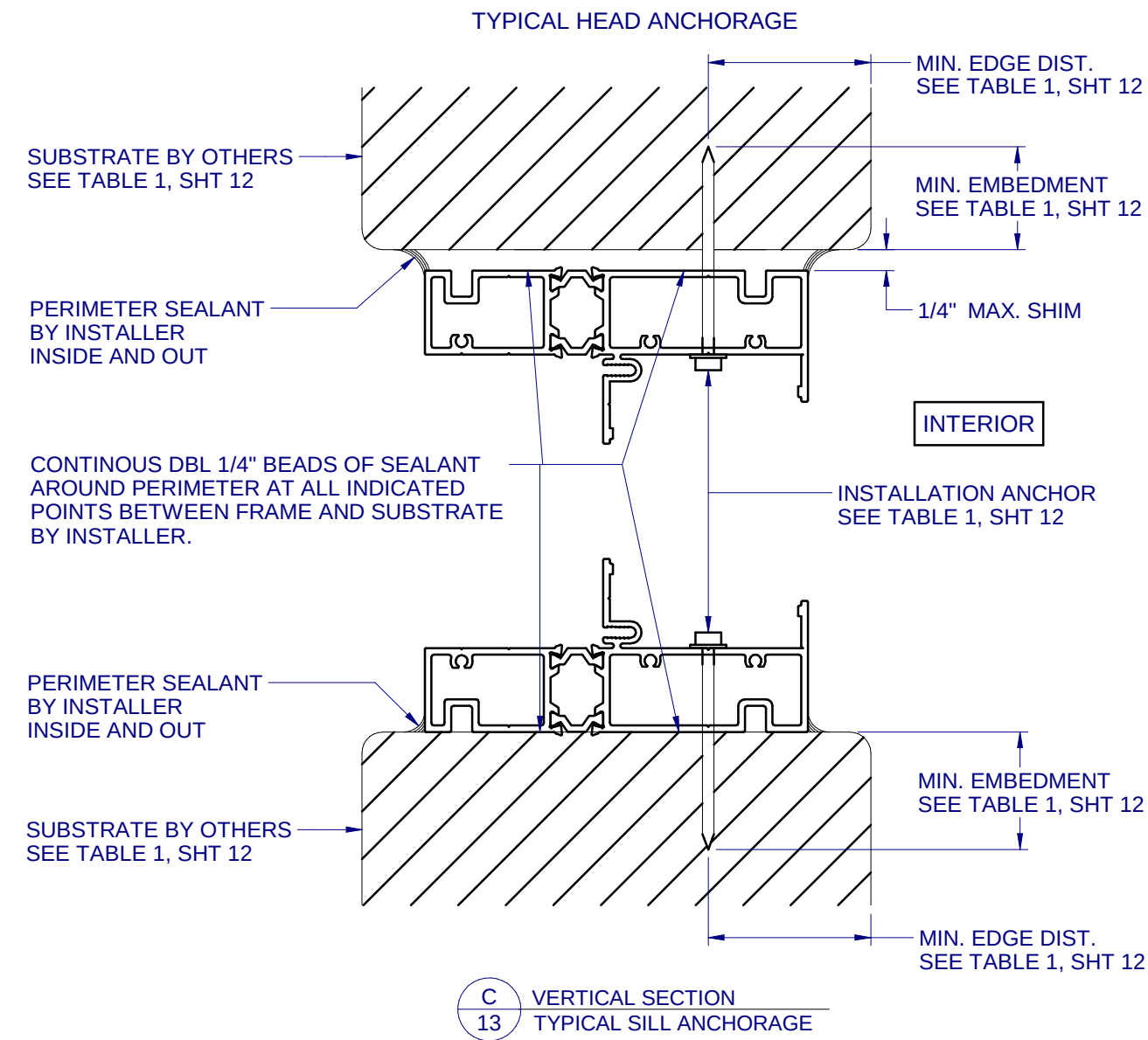
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2428 Old Natchez Trc Trl  
Camden, TN 38320  
PH. 941-380-1574

SHEET DESCRIPTION:

**INSTALLATION DETAILS DOOR**

|           |          |
|-----------|----------|
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| ADE       | 09/08/11 |
| DWG #:    | REV.:    |
| CWS-640   | D        |
| SCALE:    | SHEET    |
| 1:2       | 12 OF 13 |

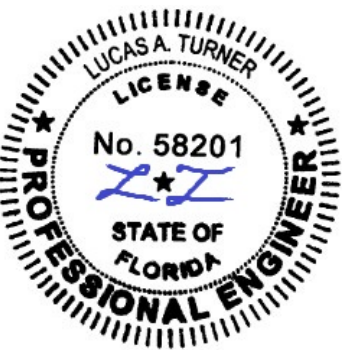




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**INSTALLATION DETAILS  
SIDELITE**

|                          |                          |
|--------------------------|--------------------------|
| DRAWN BY:<br><b>ADE</b>  | DATE:<br><b>09/08/11</b> |
| DWG #:<br><b>CWS-640</b> | REV.:<br><b>D</b>        |
| SCALE:<br><b>1:2</b>     | SHEET<br><b>13 OF 13</b> |