

THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".

2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.

3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, FORCED ENTRY, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS. SHUTTERS ARE NOT REQUIRED.

5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.

6. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS.

7. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.

8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

9. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC CHAPTER 23.

| LOCK STRIKE REQUIREMENTS   |                    |
|----------------------------|--------------------|
| SIDE OF ACTIVE SWING PANEL |                    |
| PANEL HEIGHT               | QUANTITY PER PANEL |
| 108" AND UP                | 7                  |
| LESS THAN 108"             | 6                  |
| TOP & BOTTOM OF ALL PANELS |                    |
| PANEL WIDTH                | QUANTITY PER PANEL |
| OVER 33"                   | 4                  |
| 33" & LESS                 | 3                  |

| HINGE REQUIREMENTS |                    |
|--------------------|--------------------|
| PANEL HEIGHT       | QUANTITY PER PANEL |
| OVER 82 1/2"       | 4                  |
| 82 1/2" & LESS     | 3                  |

HINGE LOCATIONS ARE APPROXIMATELY 8" FROM TOP & BOTTOM OF DOOR FRAME TO HINGE CENTER AND EQUALLY SPACED BETWEEN.

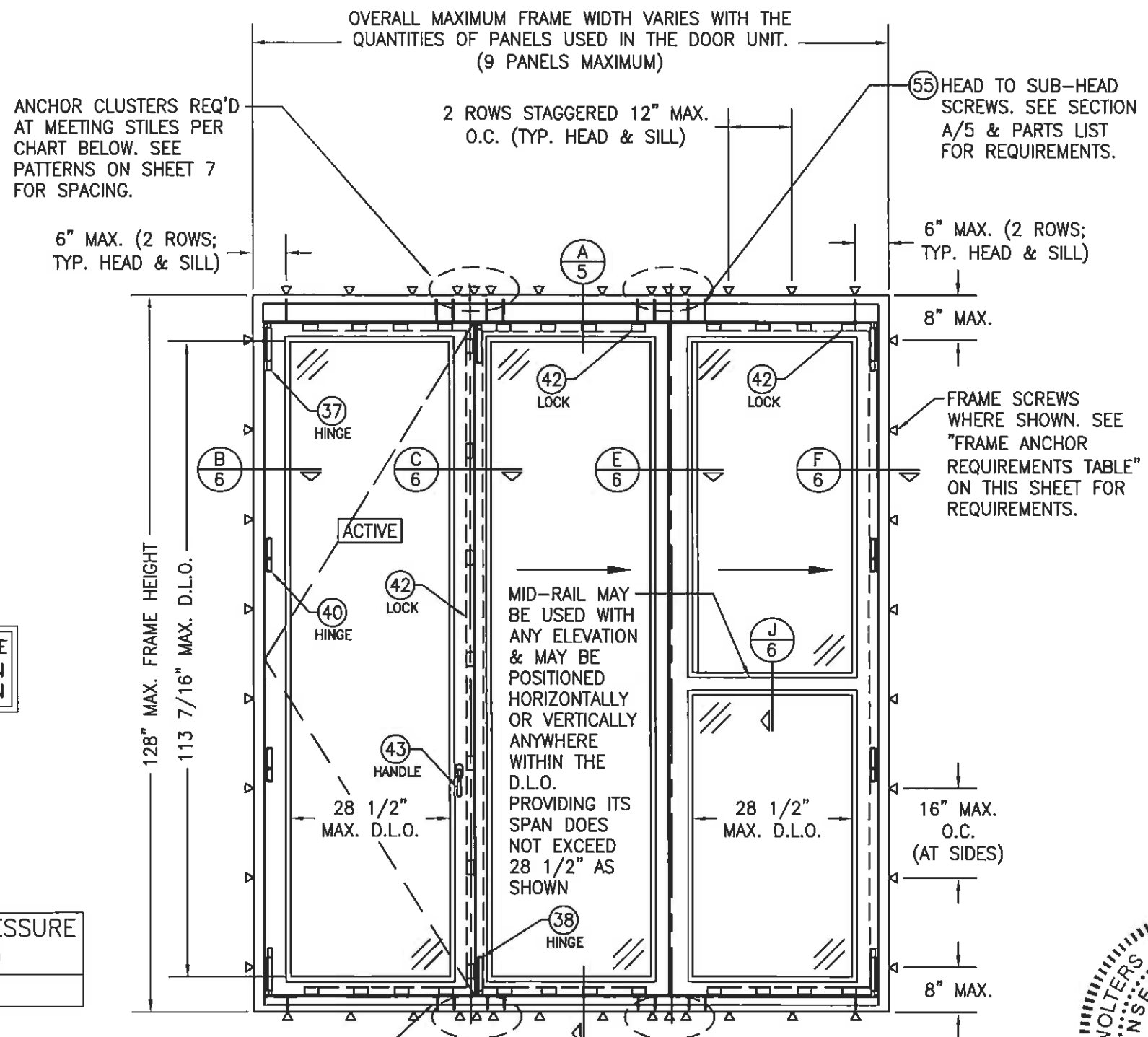
| MAXIMUM PANEL WIDTH         |           |
|-----------------------------|-----------|
| ACTIVE SWING PANEL          | 37 1/2"   |
| INACTIVE SWING PANEL        | 37"       |
| FOLDING PANEL               | 37 3/16"  |
| ACTIVE CORNER SWING PANEL   | 38 3/16"  |
| INACTIVE CORNER SWING PANEL | 38 13/16" |

PANEL HEIGHT DIMENSIONS ARE APPROXIMATELY 8" LESS THAN THE FRAME HEIGHT DIMENSION

**FRAME:** VERTICAL MEMBERS ARE COPED, BUTTED & JOINED TO THE HORIZONTAL MEMBERS WITH THREE(3)  $\phi 1/2"$  X 2" WOOD DOWELS PER CORNER. CORNERS ARE SEALED/GLUED WITH WOOD GLUE.  
**PANEL:** HORIZONTAL MEMBERS ARE COPED, BUTTED & JOINED TO THE VERTICAL MEMBERS WITH TWO(2)  $\phi 1/2"$  X 2" & ONE(1)  $\phi 5/8"$  X 2" WOOD DOWELS PER CORNER. CORNERS ARE SEALED/GLUED WITH WOOD GLUE.

|                                               |
|-----------------------------------------------|
| ALLOWABLE DESIGN PRESSURE<br>(ALL CONDITIONS) |
| +65/-70 PSF                                   |

| FRAME ANCHOR REQUIREMENTS TABLE                                                                                                   |                                   |                  |                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|-----------------------|--|
| OPENING TYPE<br>(SUBSTRATE)                                                                                                       | FRAME TO OPENING FASTENER<br>TYPE | MINIMUM<br>EMBED | MINIMUM<br>EDGE DIST. |  |
| FRAME SCREWS                                                                                                                      |                                   |                  |                       |  |
| MIN. 2X6 WOOD FRAME OR BUCK<br>(MIN. GR. 3 & G=0.55)                                                                              | NO. 12 SMS OR WOOD SCREW          | 1 1/4"           | 3/4"                  |  |
| MIN. 16 GA. 33 KSI METAL STUD                                                                                                     | NO. 12 GR. 5 SELF TAP/DRILL SCREW | FULL             | 1/2"                  |  |
| MIN. 1/8" THK A36 STEEL                                                                                                           | NO. 12 GR. 5 SELF TAP/DRILL SCREW | FULL             | 1/2"                  |  |
| MIN. 1/8" THK 6063-T5 ALUM.                                                                                                       | NO. 12 GR. 5 SELF TAP/DRILL SCREW | FULL             | 1/2"                  |  |
| MIN. C-90 CMU                                                                                                                     | (1) 1/4" CONCRETE SCREW           | 1 1/4"           | 2"                    |  |
| (1) MIN. 2500 PSI CONCRETE                                                                                                        | (1) 1/4" CONCRETE SCREW           | 1 3/4"           | 2"                    |  |
| CONCRETE SCREWS SHALL BE ELCO ULTRACONS OR CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.). |                                   |                  |                       |  |



SILL TO SUB-SILL SCREWS. SEE (55)  
SECTION A/5 & PARTS LIST  
FOR REQUIREMENTS.

EXTERIOR ELEVATION:  
BI-FOLD DOOR WITH SWING PANEL

SCALE: 1/2" = 1'-0"

(3 PANELS SHOWN. HOWEVER, THE SYSTEM CAN BE EXPANDED UP TO 9 PANELS IN ONE OPENING, PROVIDED THE OPENING IS DESIGNED TO SUPPORT THE QUANTITY OF PANELS USED)

—ANCHOR CLUSTERS REQ'D A MEETING STILES PER CHART BELOW. SEE PATTERNS ON SHEET 7 FOR SPACING.

| ANCHORS REQUIRED AT MEETING STILE CLUSTERS |              |          |
|--------------------------------------------|--------------|----------|
| SUBSTRATE                                  | FRAME HEIGHT |          |
|                                            | <96"         | 96"—128" |
| WOOD                                       | 6            | 8        |
| METAL                                      | 4            | 5        |
| CONCRETE                                   | 4            | 5        |

-CMU IS NOT APPLICABLE AT  
HEAD & SILL

|       |            |
|-------|------------|
| DATE: | 04/01/2015 |
|-------|------------|

TE

REVISION DESCRIPTION

3

## 10 ET GLAZED WOOD OUTSWING BI-FOLD DOORS

**LÜXBAUM**  
WINDOWS + DOORS, LLC

1501 NORTHPOINT PARKWAY, SUITE 101  
WEST PALM BEACH, FL 33407  
Ph: (561) 684-1500  
www.luxbaum.com



SEAL: NO 62354

10/1/78

1000

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

**RECEIVED**

SCOTT WOLTERS

FLPE# 62354

STRUCTURAL ENGINEERING  
(COA# 27194)

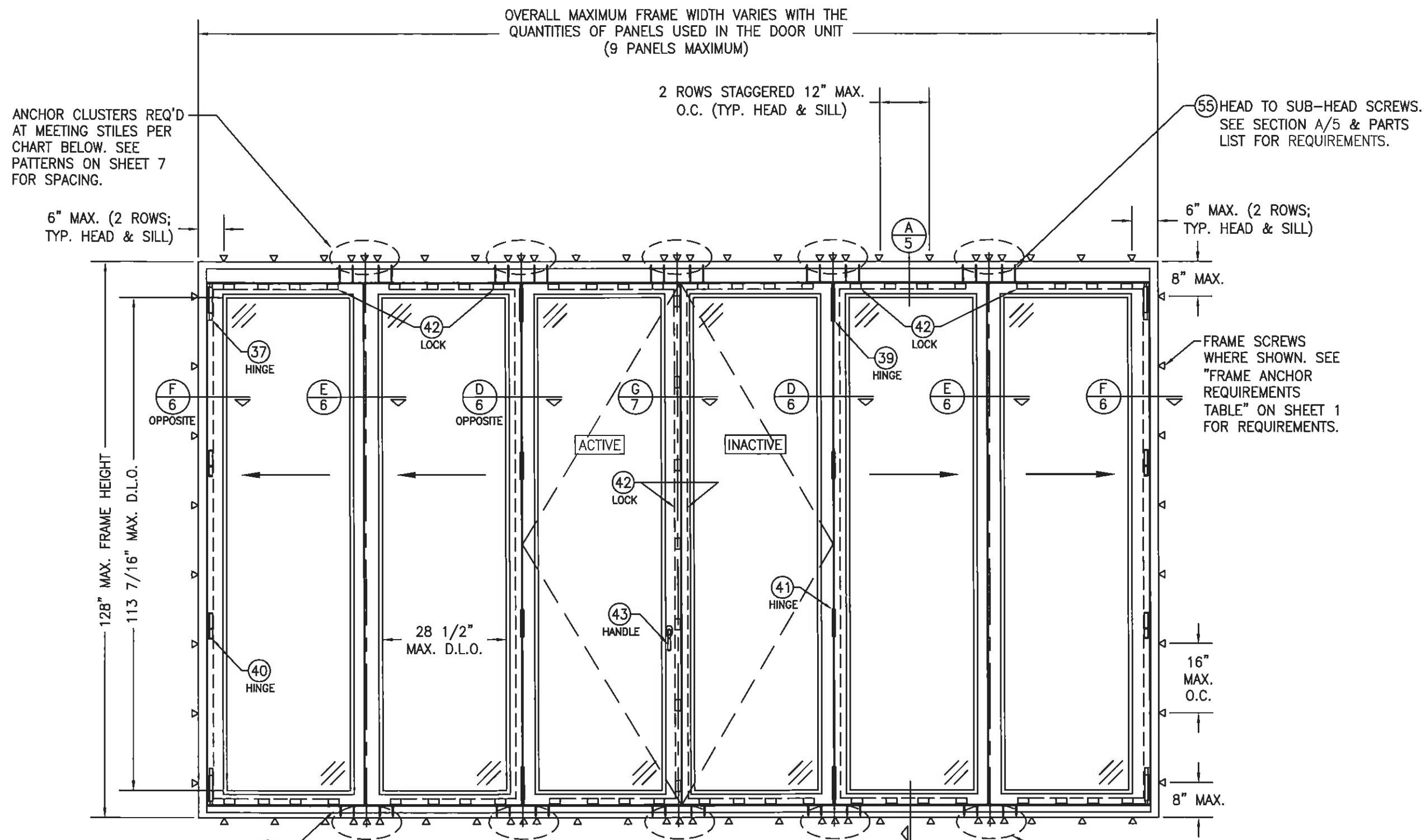
5211971H ROAD N  
PALM BEACH, FL 3

---

DRAWING NO.  
BI-FOLD DOOR

SHEET NO.

1 OF 9



EXTERIOR ELEVATION:  
 BI-FOLD DOOR WITH DOUBLE SWING PANELS  
 SCALE: 1/2" = 1'-0"  
 (6 PANELS SHOWN. HOWEVER, THE SYSTEM CAN BE EXPANDED UP  
 TO 9 PANELS IN ONE OPENING, PROVIDED THE OPENING IS DESIGNED  
 TO SUPPORT THE QUANTITY OF PANELS USED)

| SUBSTRATE | FRAME HEIGHT |          |
|-----------|--------------|----------|
|           | <96"         | 96"-128" |
| WOOD      | 6            | 8        |
| METAL     | 4            | 5        |
| CONCRETE  | 4            | 5        |

DATE: 04/01/2015

DATE

REVISION DESCRIPTION

NO.

10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS

LUXBAUM, LLC

WINDOWS + DOORS

1501 NORTHPOINT PARKWAY, SUITE 101

WEST PALM BEACH, FL 33407

Ph: (561) 684-1500

www.luxbaum.com

SCOTT WOLTERS

FL PE# 82354

WOLTERS ENGINEERING

(COA# 27194)

15211 97TH ROAD N

WEST PALM BEACH, FL 33412

DRAWING NO.

BI-FOLD DOOR

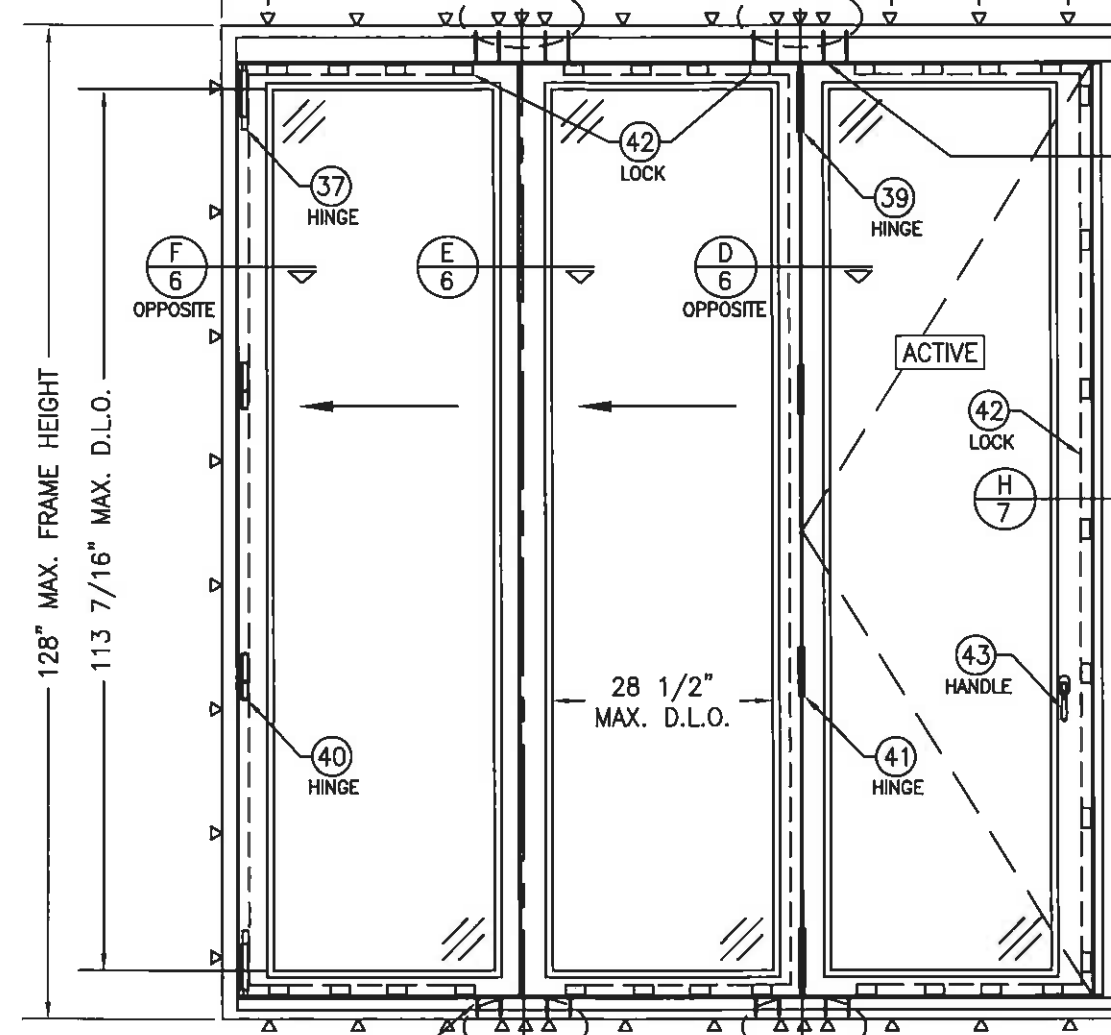
SHEET NO.

2 of 9

ANCHOR CLUSTERS REQ'D AT MEETING STILES PER CHART BELOW. SEE PATTERNS ON SHEET 7 FOR SPACING.

OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT (4 PANELS MAXIMUM EACH SIDE OF CORNER)  
2 ROWS STAGGERED 12" MAX. O.C. (TYP. HEAD & SILL)

6" MAX. (2 ROWS; TYP. HEAD & SILL)



SILL TO SUB-SILL SCREWS. SEE SECTION A/5 & PARTS LIST FOR REQUIREMENTS.

FRONT VIEW

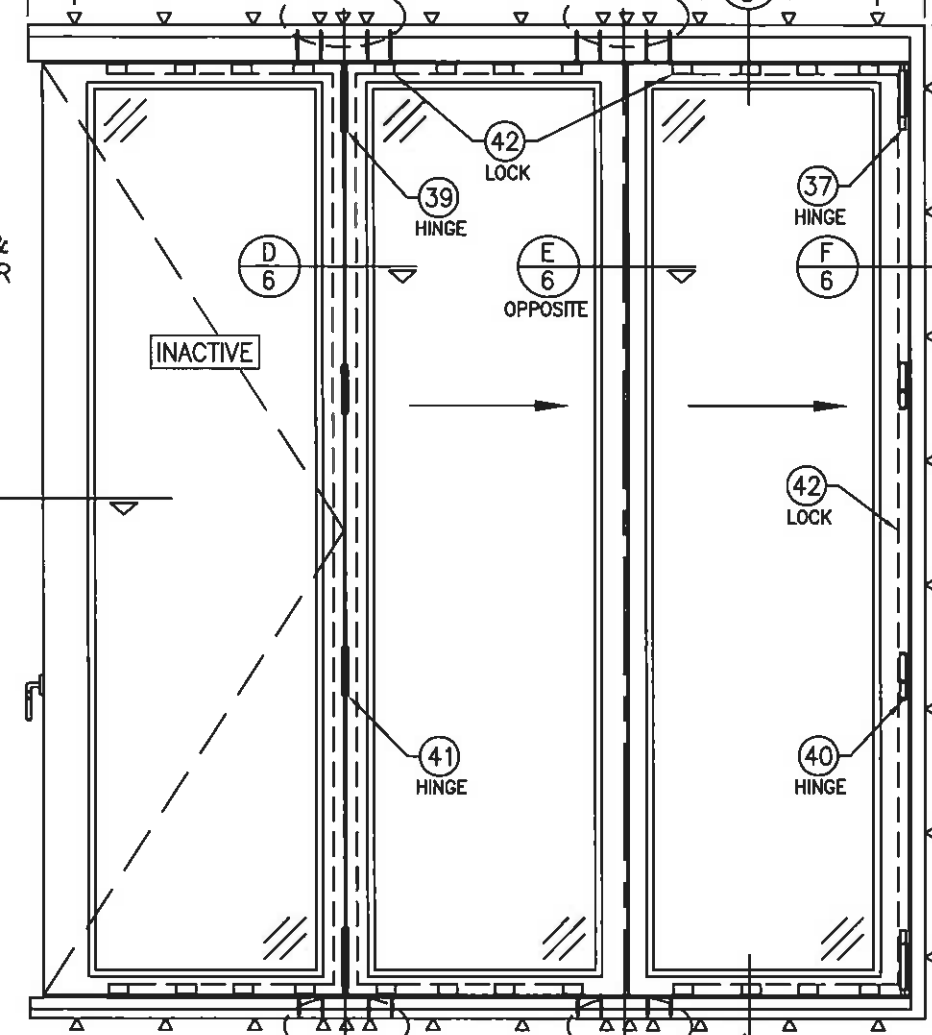
SIDE VIEW

6" MAX. (2 ROWS; TYP. HEAD & SILL)

55 HEAD TO SUB-HEAD SCREWS. SEE SECTION A/5 & PARTS LIST FOR REQUIREMENTS.

OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT (4 PANELS MAXIMUM EACH SIDE OF CORNER)  
2 ROWS STAGGERED 12" MAX. O.C. (TYP. HEAD & SILL)

6" MAX. (2 ROWS; TYP. HEAD & SILL)



FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.

ANCHOR CLUSTERS REQ'D AT MEETING STILES PER CHART BELOW. SEE PATTERNS ON SHEET 7 FOR SPACING.

| ANCHORS REQUIRED AT MEETING STILE CLUSTERS |              |          |
|--------------------------------------------|--------------|----------|
| SUBSTRATE                                  | FRAME HEIGHT |          |
|                                            | <96"         | 96"-128" |
| WOOD                                       | 6            | 8        |
| METAL                                      | 4            | 5        |
| CONCRETE                                   | 4            | 5        |

EXTERIOR ELEVATION:  
BI-FOLD DOOR WITH 90° CORNER

SCALE: 1/2" = 1'-0"

(3 PANELS SHOWN AT EACH SIDE. HOWEVER, THE SYSTEM CAN BE EXPANDED TO 4 PANELS ON EACH SIDE OF THE CORNER, PROVIDED THE OPENING IS DESIGNED TO SUPPORT THE QUANTITY OF PANELS USED)

DATE: 04/01/2015

DATE

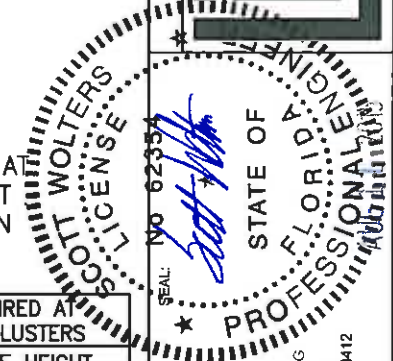
REVISION DESCRIPTION

NO.

10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS

**LUXBAUM, LLC**  
WINDOWS + DOORS

1501 NORTHPOINT PARKWAY, SUITE 101  
WEST PALM BEACH, FL 33407  
Ph: (561) 684-1500  
www.luxbaum.com

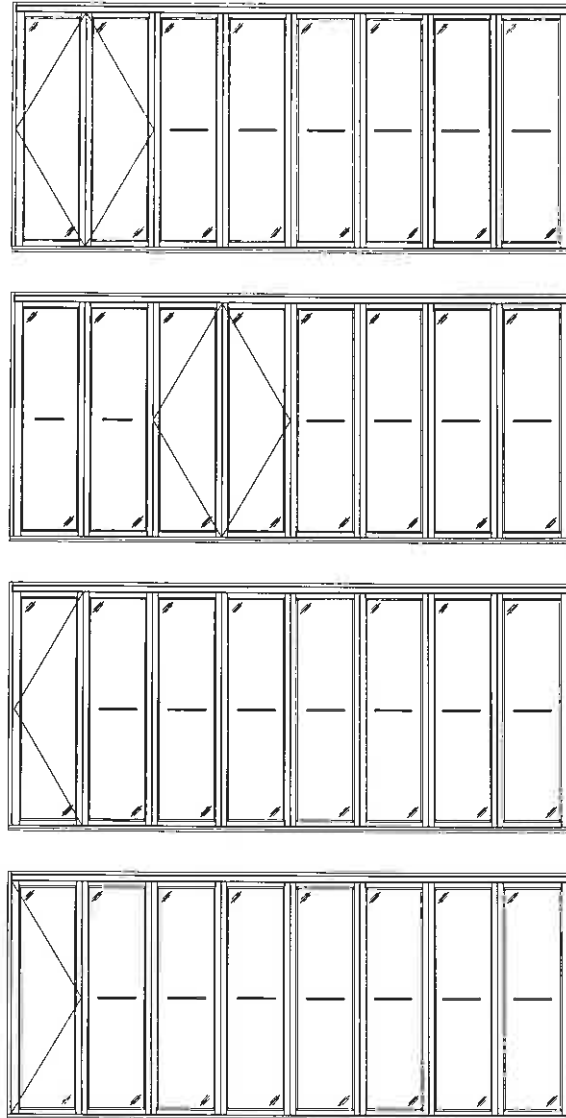


SCOTT WALTERS  
FL PE# 62354  
WALTERS ENGINEERING  
(CO# 27194)  
15211 97TH ROAD N  
WEST PALM BEACH, FL 33412

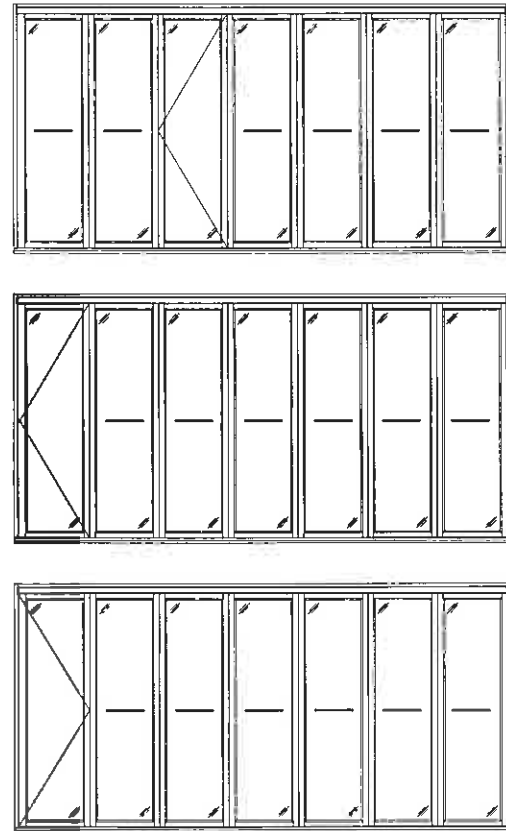
DRAWING NO.  
BI-FOLD DOOR

SHEET NO.

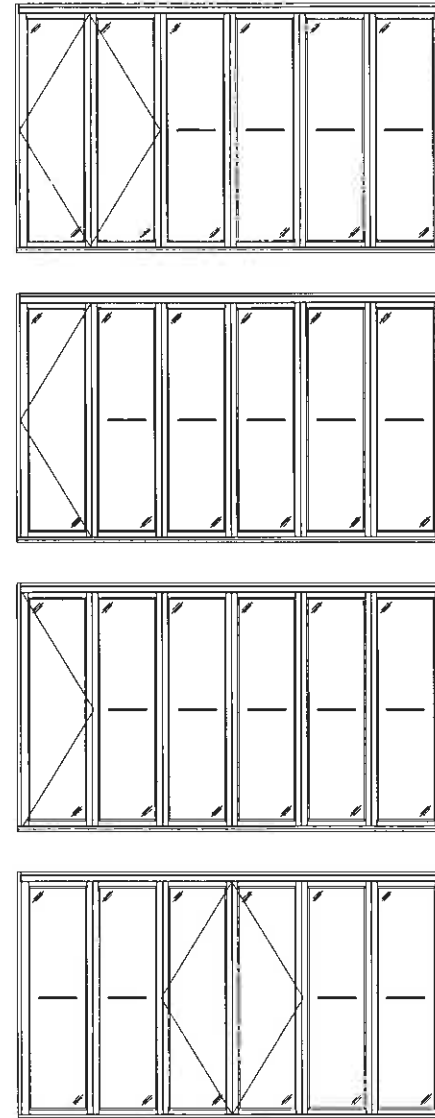
TYPICAL 8 PANEL CONFIGURATIONS



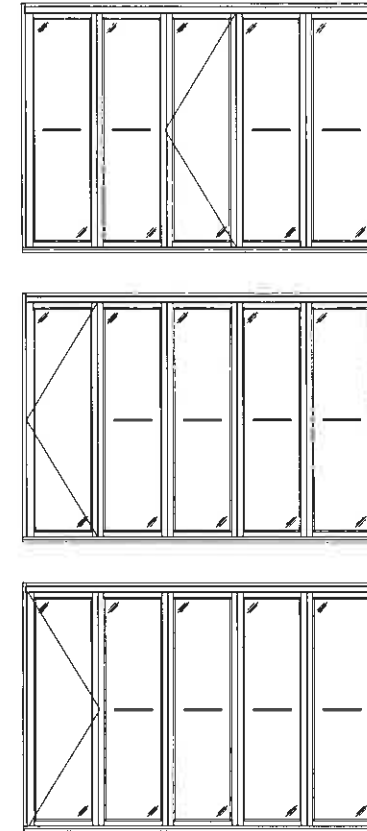
TYPICAL 7 PANEL CONFIGURATIONS



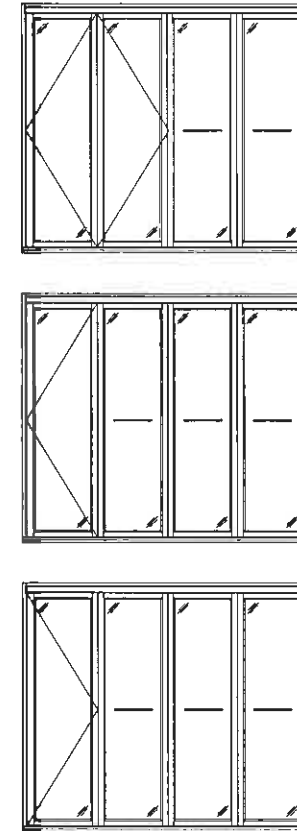
TYPICAL 6 PANEL CONFIGURATIONS



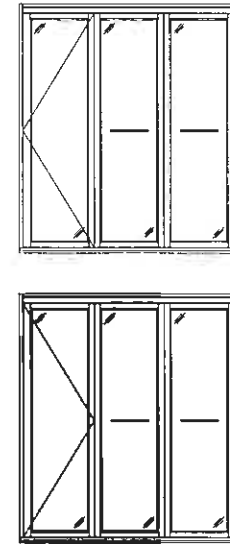
TYPICAL 5 PANEL CONFIGURATIONS



TYPICAL 4 PANEL CONFIGURATIONS



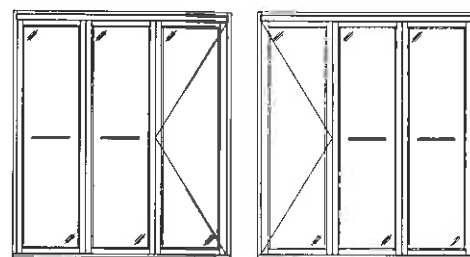
TYPICAL 3 PANEL CONFIGURATIONS



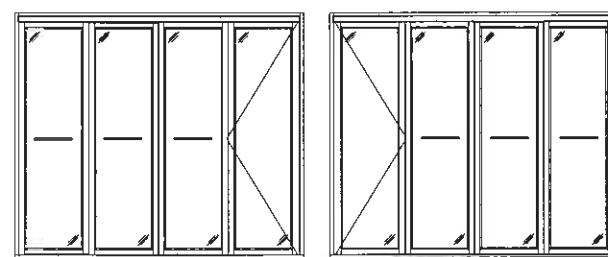
CONDITIONS SHOWN ARE THE MAJORITY OF THOSE USED. OTHER CONDITIONS OF FOLDING & SWING PANELS APPLY PROVIDING THEY ARE WITHIN THE SCOPE OF THE DETAILS WITHIN THIS DRAWING.

WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THE SYSTEM CAN BE EXPANDED UP TO 9 PANELS IN ONE DOOR FRAME OPENING PROVIDED THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM

TYPICAL 3 PANEL CORNER CONFIGURATION



TYPICAL 4 PANEL CORNER ONFIGURATION



DATE: 04/01/2015

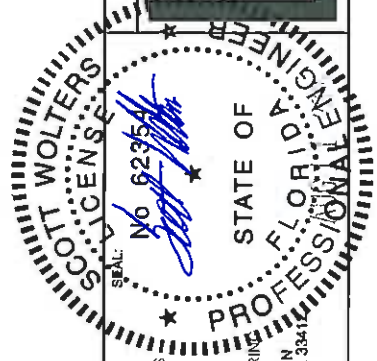
DATE

REVISION DESCRIPTION

NO.

10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS

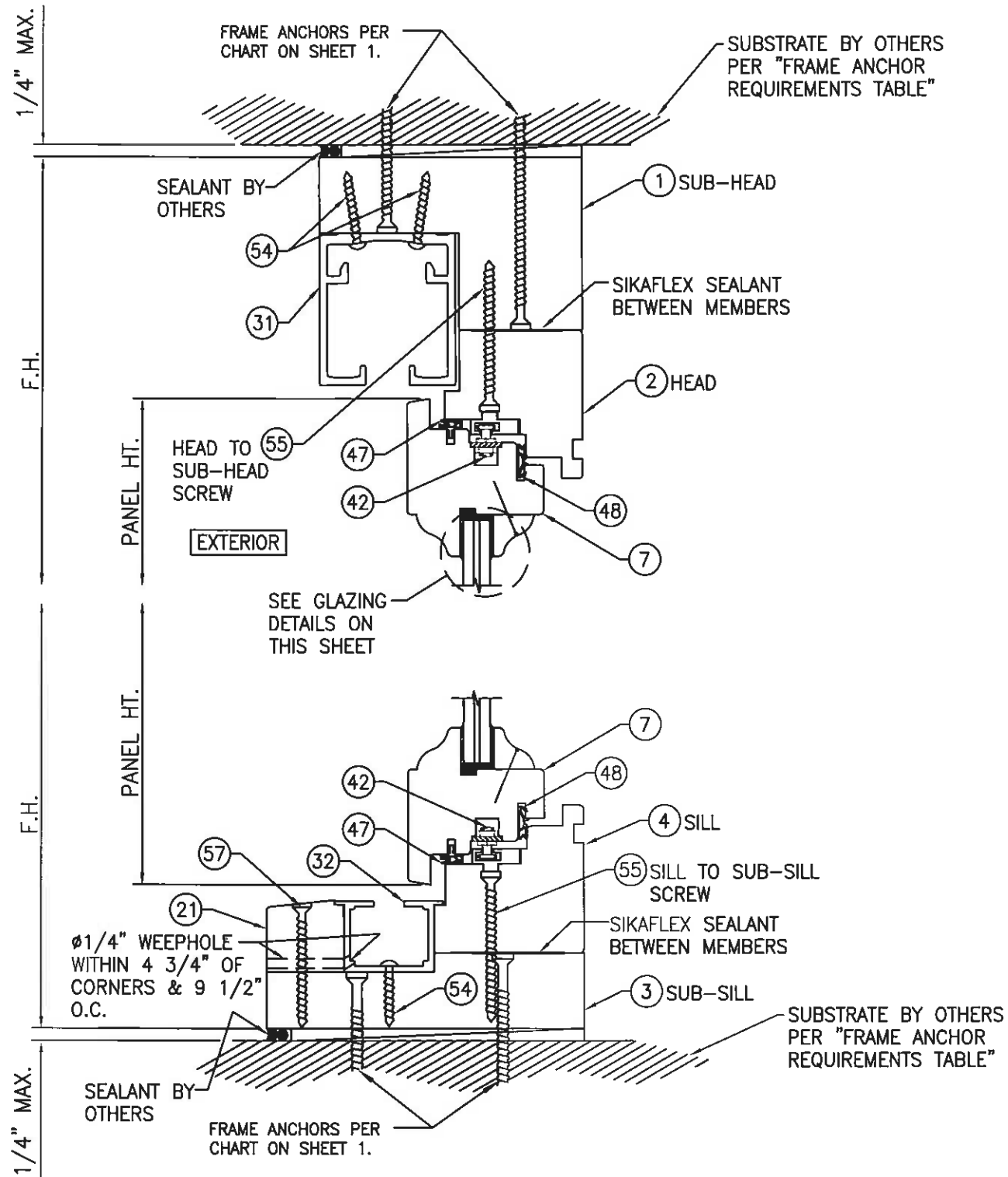
**LUXBAUM**, LLC  
WINDOWS + DOORS  
1501 NORTHPOINT PARKWAY, SUITE 101  
WEST PALM BEACH, FL 33407  
Ph: (561) 684-1500  
www.luxbaum.com



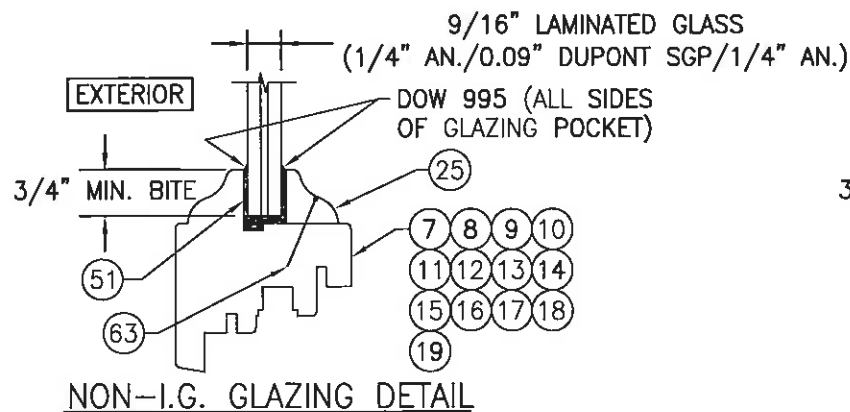
SCOTT WOLTERS  
FL PE# 62354  
WOLTERS ENGINEERING  
(COAK 27184)  
15211 97TH ROAD N  
WEST PALM BEACH, FL 33412

DRAWING NO.  
BI-FOLD DOOR

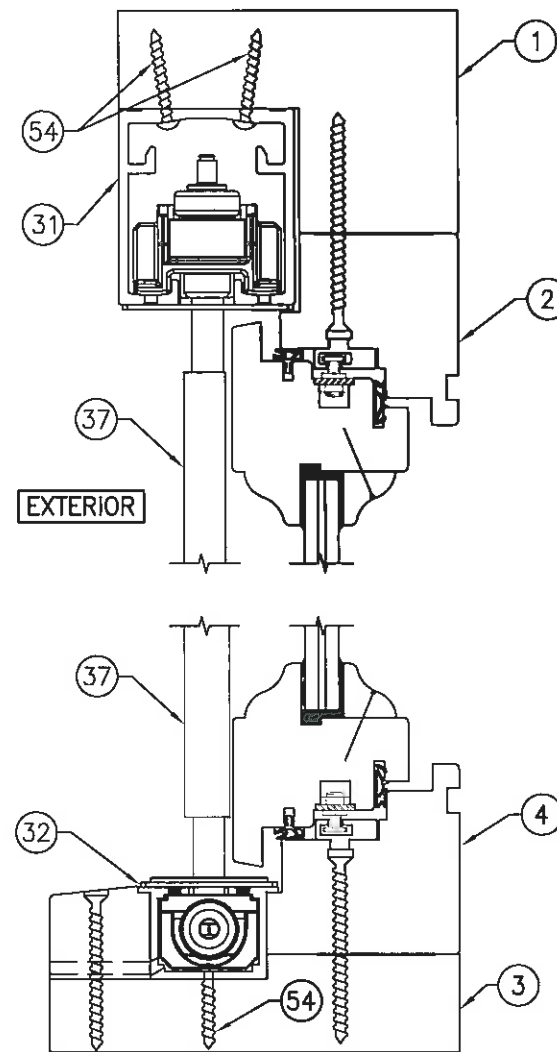
SHEET NO.



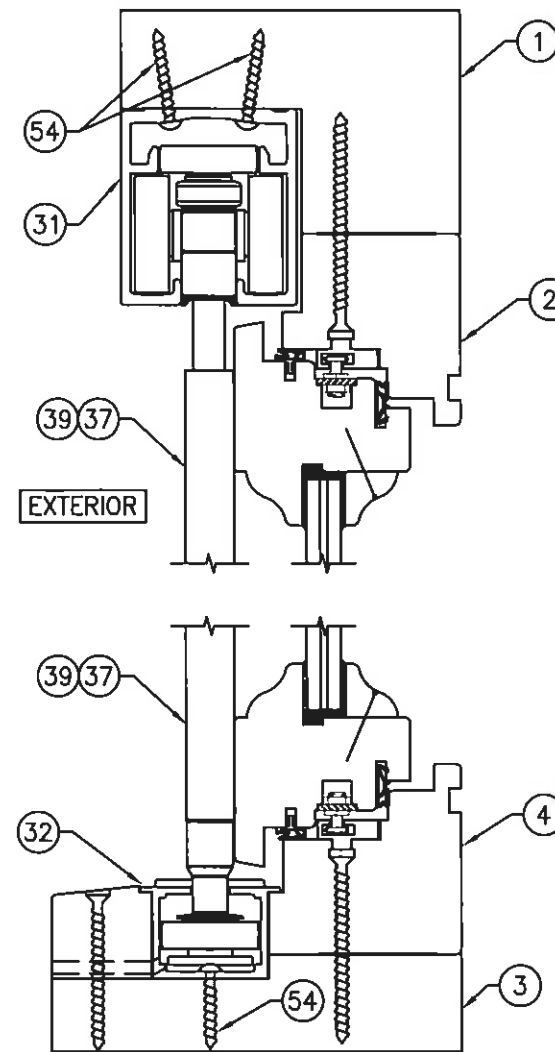
SECTION A  
SCALE: 1/3 FULL



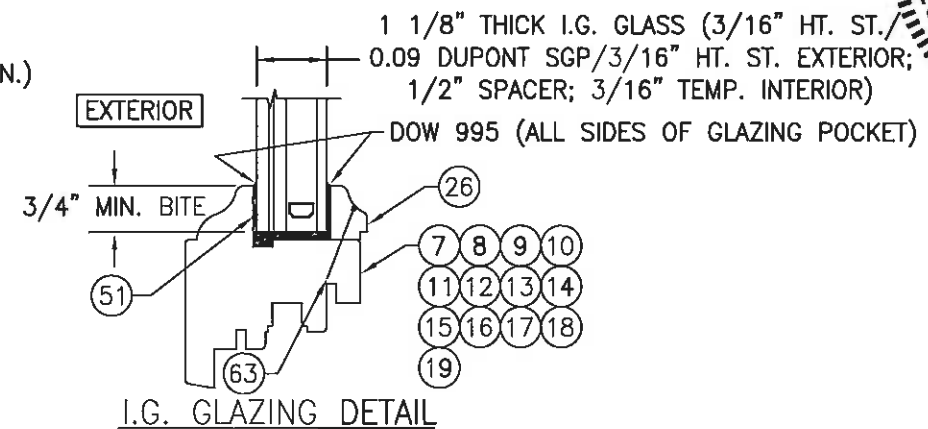
NON-I.G. GLAZING DETAIL



TYPICAL END PANEL ROLLER DETAIL  
(FOR DETAIL & INSTALLATION NOT SHOWN, SEE SECTION A/5)



TYPICAL INTERMEDIATE PANEL ROLLER DETAIL  
(FOR DETAIL & INSTALLATION NOT SHOWN, SEE SECTION A/5)



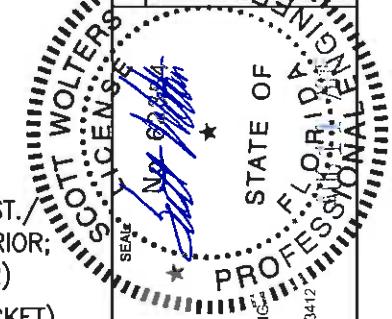
I.G. GLAZING DETAIL

DATE: 04/01/2015

| DATE                 |  |  |  |  |  |
|----------------------|--|--|--|--|--|
| REVISION DESCRIPTION |  |  |  |  |  |
| NO.                  |  |  |  |  |  |

10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS

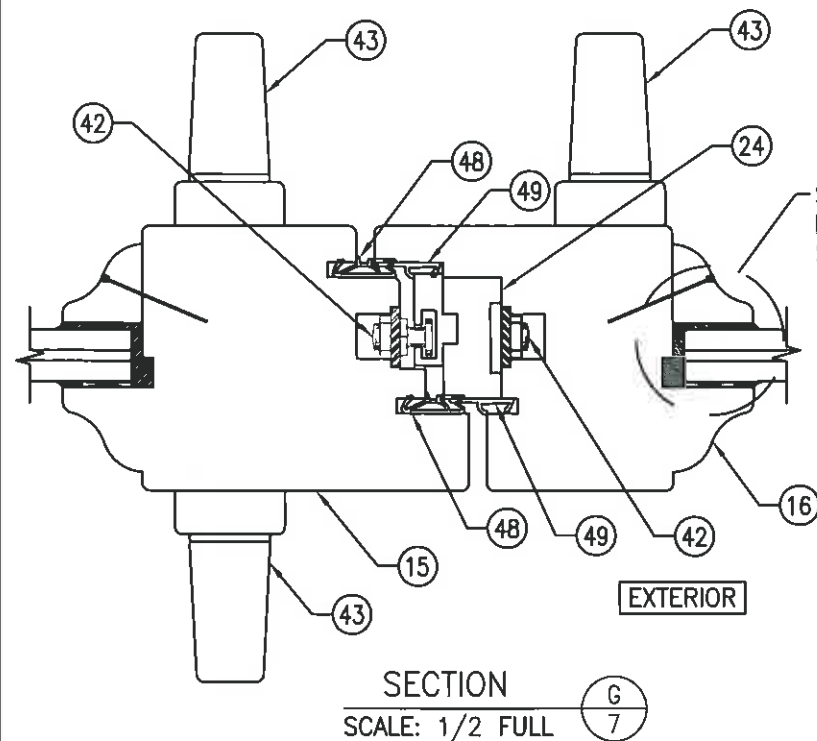
**LUXBAUM** LLC  
WINDOWS + DOORS  
1501 NORTHPOINT PARKWAY, SUITE 101  
WEST PALM BEACH, FL 33407  
Ph: (561) 684-1500  
www.luxbaum.com



SCOTT WOLTERS  
FL PE# 62354  
WOLTERS ENGINEERING  
(CO# 27194)  
15211 97TH ROAD N  
WEST PALM BEACH, FL 33412

DRAWING NO.  
BI-FOLD DOOR  
SHEET NO.





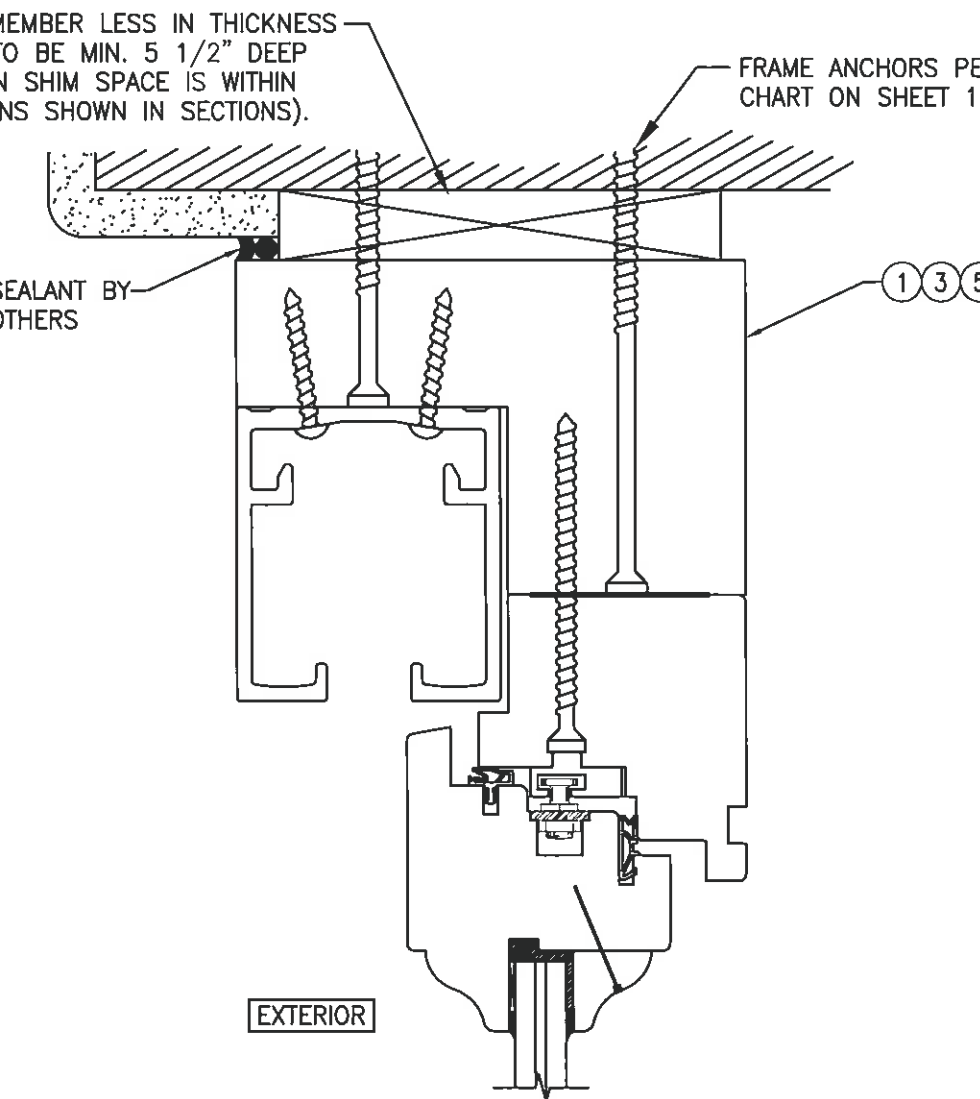
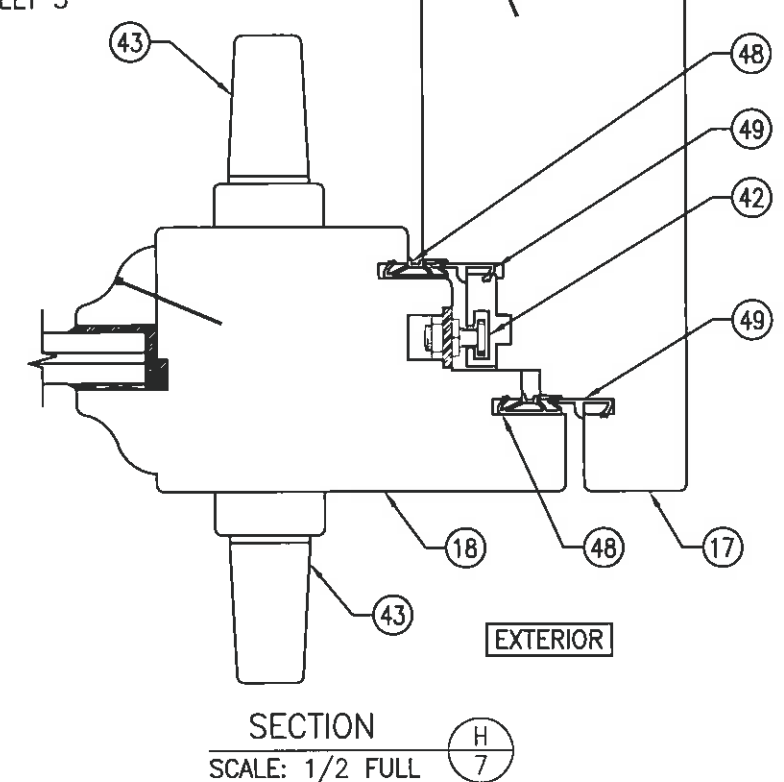
SEE GLAZING  
DETAILS ON  
SHEET 5

SEE GLAZING  
DETAILS ON  
SHEET 5

CONTINUOUS WOOD MEMBER LESS IN THICKNESS  
THAN A 2X\_ BUCK TO BE MIN. 5 1/2" DEEP  
(NOT REQUIRED WHEN SHIM SPACE IS WITHIN  
ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).

FRAME ANCHORS PER  
CHART ON SHEET 1.

SEALANT BY  
OTHERS



OPTIONAL DIRECT MOUNT DETAIL  
TO SUBSTRATE WITH SPACER  
(HEAD SECTION SHOWN, SILL & SIDES ARE INSTALLED SIMILAR)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

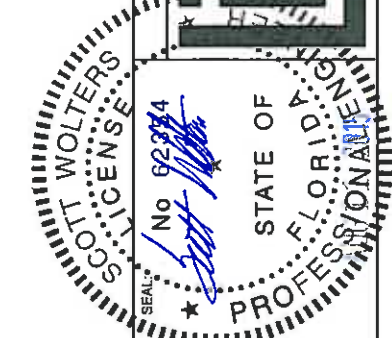
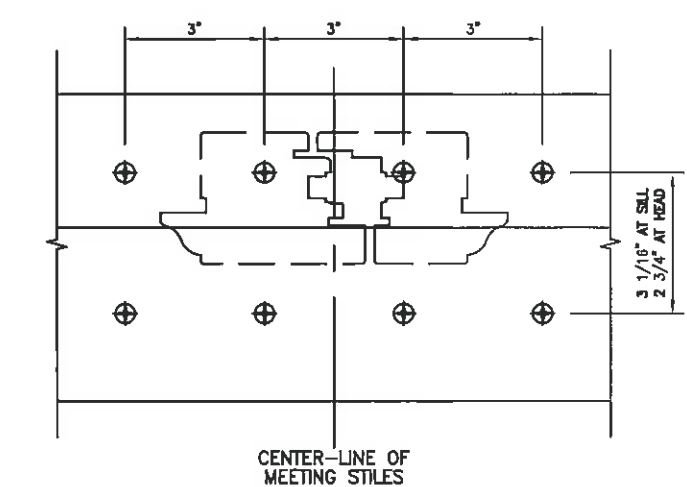
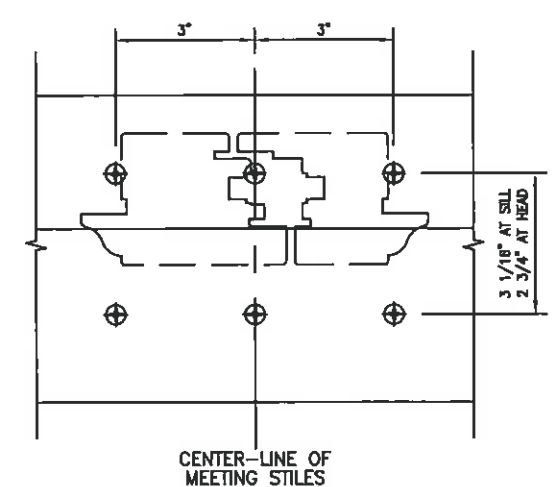
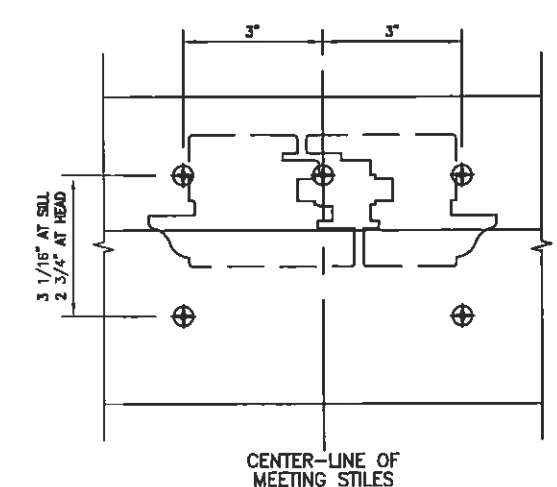
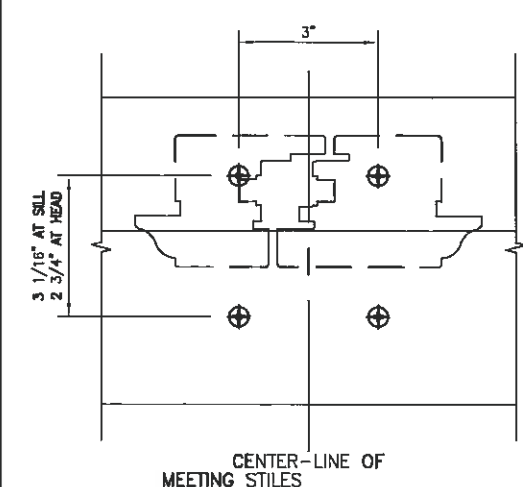
ANCHOR CLUSTERS AT HEAD AND SILL  
(SEE CHART ON SHEETS 1-3)

FOUR ANCHOR PATTERN

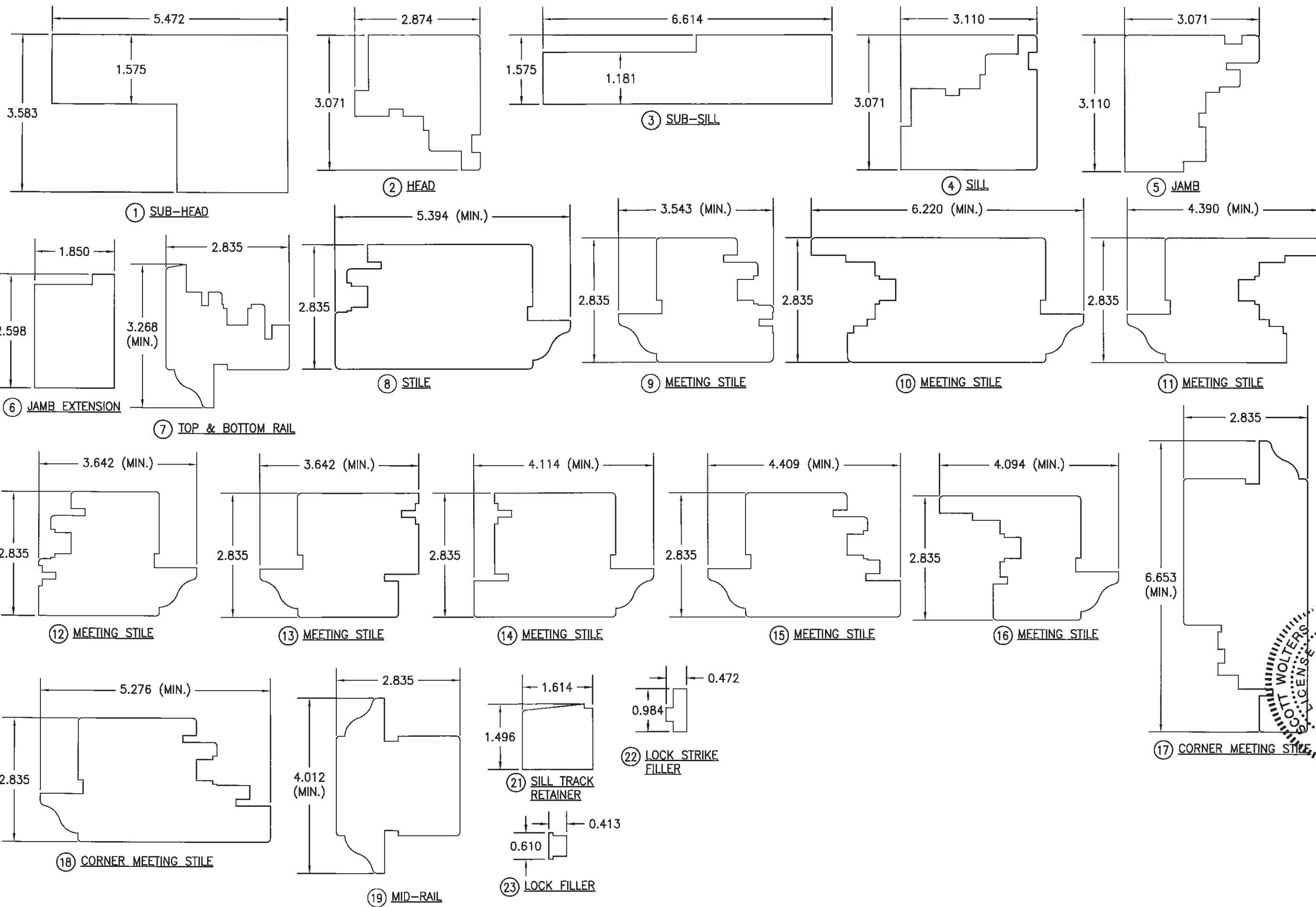
FIVE ANCHOR PATTERN

SIX ANCHOR PATTERN

EIGHT ANCHOR PATTERN



|                                                                                                                                                           |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DATE                                                                                                                                                      | 04/01/2015   |
| REVISION DESCRIPTION                                                                                                                                      |              |
| NO.                                                                                                                                                       |              |
| <b>LUXBAUM, LLC</b><br><b>WINDOWS + DOORS</b><br>1501 NORTHPOINT PARKWAY, SUITE 101<br>WEST PALM BEACH, FL 33407<br>Ph: (561) 684-1500<br>www.luxbaum.com |              |
| 10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS                                                                                                                  |              |
| DRAWING NO.                                                                                                                                               | BI-FOLD DOOR |
| SHEET NO.                                                                                                                                                 | 7 of 9       |



| NO. | REVISION DESCRIPTION | DATE       |
|-----|----------------------|------------|
|     |                      | 04/01/2015 |

10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS

**LUXBAUM, LLC**  
**WINDOWS + DOORS**  
 1501 NORTHPOINT PARKWAY, SUITE 101  
 WEST PALM BEACH, FL 33407  
 Ph: (561) 684-1500  
 www.luxbaum.com

SCOTT WOLTERS  
 FL PE# 82354  
 WOLTERS ENGINEERING  
 (CO# 27194)  
 15211 97TH ROAD N  
 WEST PALM BEACH, FL 33412

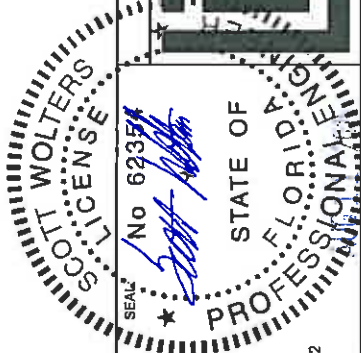
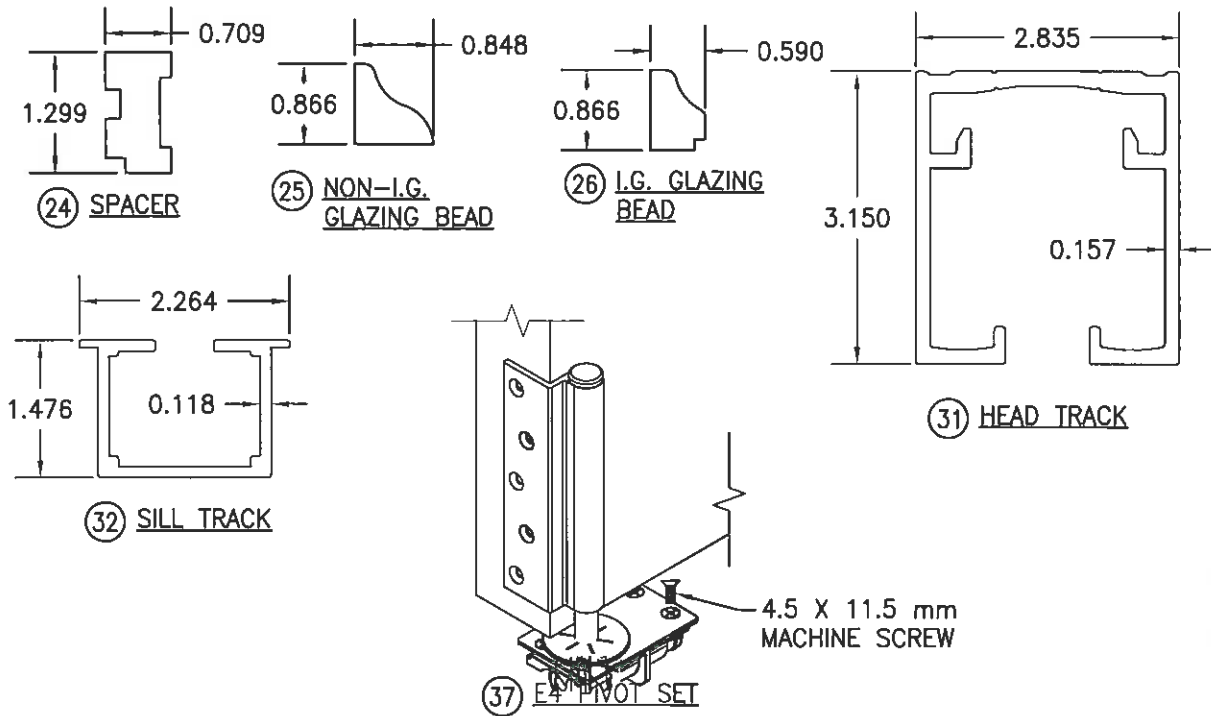
DRAWING NO.  
BI-FOLD DOOR

SHEET NO.  
8 of 9

| ITEM #           | ITEM DESCRIPTION      | MANUFACTURER/NOTES                                       |
|------------------|-----------------------|----------------------------------------------------------|
| PARTS            |                       |                                                          |
| 1                | SUB-HEAD              | WOOD                                                     |
| 2                | HEAD                  | WOOD                                                     |
| 3                | SUB-SILL              | WOOD                                                     |
| 4                | SILL                  | WOOD                                                     |
| 5                | JAMB                  | WOOD                                                     |
| 6                | JAMB EXTENSION        | WOOD                                                     |
| 7                | TOP & BOTTOM RAIL     | WOOD                                                     |
| 8                | STILE                 | WOOD                                                     |
| 9                | MEETING STILE         | WOOD                                                     |
| 10               | MEETING STILE         | WOOD                                                     |
| 11               | MEETING STILE         | WOOD                                                     |
| 12               | MEETING STILE         | WOOD                                                     |
| 13               | MEETING STILE         | WOOD                                                     |
| 14               | MEETING STILE         | WOOD                                                     |
| 15               | MEETING STILE         | WOOD                                                     |
| 16               | MEETING STILE         | WOOD                                                     |
| 17               | CORNER MEETING STILE  | WOOD                                                     |
| 18               | CORNER MEETING STILE  | WOOD                                                     |
| 19               | MID-RAIL              | WOOD                                                     |
| 21               | SILL TRACK RETAINER   | WOOD                                                     |
| 22               | LOCK STRIKE FILLER    | WOOD                                                     |
| 23               | LOCK FILLER           | WOOD                                                     |
| 24               | SPACER                | WOOD                                                     |
| 25               | NON-I.G. GLAZING BEAD | WOOD                                                     |
| 26               | I.G. GLAZING BEAD     | WOOD                                                     |
| 31               | HEAD TRACK            | 6063-T5 ALUMINUM                                         |
| 32               | SILL TRACK            | 6063-T5 ALUMINUM                                         |
| HARDWARE         |                       |                                                          |
| 37               | E4 PIVOT SET          | CENTOR AUSTRALIA                                         |
| 38               | E4 OFFSET CARRIER SET | CENTOR AUSTRALIA                                         |
| 39               | E4 INTERMEDIATE SET   | CENTOR AUSTRALIA                                         |
| 40               | E4 WALL PIVOT SET     | CENTOR AUSTRALIA                                         |
| 41               | E4 HINGE SET          | CENTOR AUSTRALIA                                         |
| 42               | MULTI-POINT LOCK      | SIEGENIA, 3/4M5                                          |
| 43               | HANDLE                | AS REQUIRED TO OPERATE LOCK SYSTEM                       |
| SEALS & SEALANTS |                       |                                                          |
| 47               | WEATHERSTRIP          | DEVENTER, S 6577A                                        |
| 48               | WEATHERSTRIP          | DEVENTER, SV-12                                          |
| 49               | WEATHERSTRIP          | DEVENTER, S 6544                                         |
| 50               | WEATHERSTRIP          | KILLIAN HARDWARE COMPANY, V SHAPED                       |
| 51               | GLAZING SHIM          | 1/16" X 9/16" NEOPRENE<br>WITHIN 1" FROM CORNERS 8" O.C. |

| ITEM #    | ITEM DESCRIPTION                     | MANUFACTURER/NOTES                                                                         |
|-----------|--------------------------------------|--------------------------------------------------------------------------------------------|
| FASTENERS |                                      |                                                                                            |
| 54        | NO. 10 X 1 1/2" S.S. P.H. WOOD SCREW | WITHIN 4 1/2", 12 1/2" 20 1/2" FROM CORNERS & 16" MAX. O.C.                                |
| 55        | NO. 12 X 3" S.S. WOOD SCREW          | WITHIN 6" FROM CORNERS & A TOTAL OF 4 CLUSTERED 3" & 6" FROM EACH MEETING STILE CENTERLINE |
| 57        | NO. 10 X 2 1/2" S.S. WOOD SCREW      | WITHIN 3" FROM CORNERS & 16" MAX. O.C.                                                     |
| 58        | 23 GA. X 1" FINISH NAIL              | WITHIN 3" FROM CORNERS & 16" MAX. O.C.                                                     |
| 59        | NO 10 X 1 1/2" S.S. WOOD SCREW       | 5 PER HINGE INTO PANEL<br>2 PER HINGE INTO JAMB                                            |
| 60        | Ø5/8" X 2 3/4" WOOD DOWEL            | WITHIN 5 1/2" FROM CORNERS & 11 1/4" MAX. O.C.                                             |
| 61        | NO 10 X 1 1/2" S.S. WOOD SCREW       | 5 PER HINGE INTO PANEL                                                                     |
| 62        | NO 10 X 1 1/2" S.S. WOOD SCREW       | 5 PER HINGE INTO PANEL                                                                     |
| 63        | 23 GA. X 1 1/4" FINISH NAIL          | WITHIN 2" FROM CORNERS & 4" MAX. O.C.                                                      |

NOTE: WOOD USED IN TESTING WAS MERBAU MAHOGANY WITH A SPECIFIC GRAVITY OF G = 0.62 AND A MODULUS OF ELASTICITY OF E = 2,600,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.62 AND MODULUS OF ELASTICITY OF 2,600,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY LUXBAU, LLC TO SELECT.



DATE: 04/01/2015

| DATE | REVISION DESCRIPTION | NO. |
|------|----------------------|-----|
|      |                      |     |
|      |                      |     |
|      |                      |     |
|      |                      |     |

LUXBAU, LLC  
WINDOWS + DOORS  
1501 NORTHPOINT PARKWAY, SUITE 101  
WEST PALM BEACH, FL 33407  
Ph: (561) 684-1500  
www.luxbaum.com

10 FT GLAZED WOOD OUTSWING BI-FOLD DOORS