

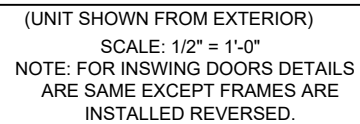
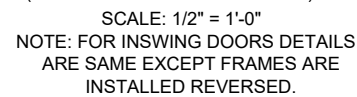
IMPACT/HVHZ

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FLORIDA APPROVAL FL# 15916.1
FLORIDA BUILDING CODE NINTH EDITION (2026)



FL 15916.1



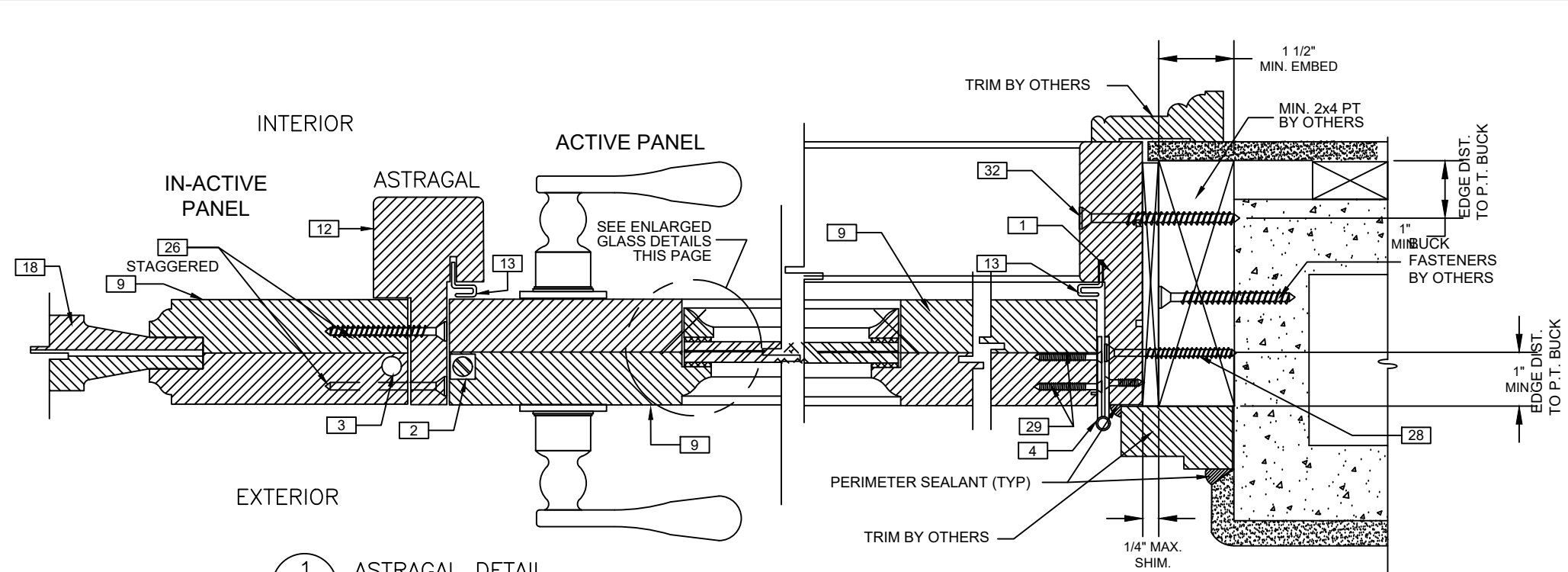
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Phn. (561) 841-8590

TENER SERIES WOOD DOORS
FLORIDA APPROVAL FL# 15916.1
FLORIDA BUILDING CODE NINTH EDITION (2026)

REMARKS	DOWN	UP	DATE
INIT ISSUE	JEM	AJP	09/23/20
FBC 2023 (23-63382)	AMZ	SQ	08/21/23
2026 FBC UPDATE	NRD	RMS	08/04/26
-	-	-	-
-	-	-	-

SCALE: NTS UNLESS NOTED

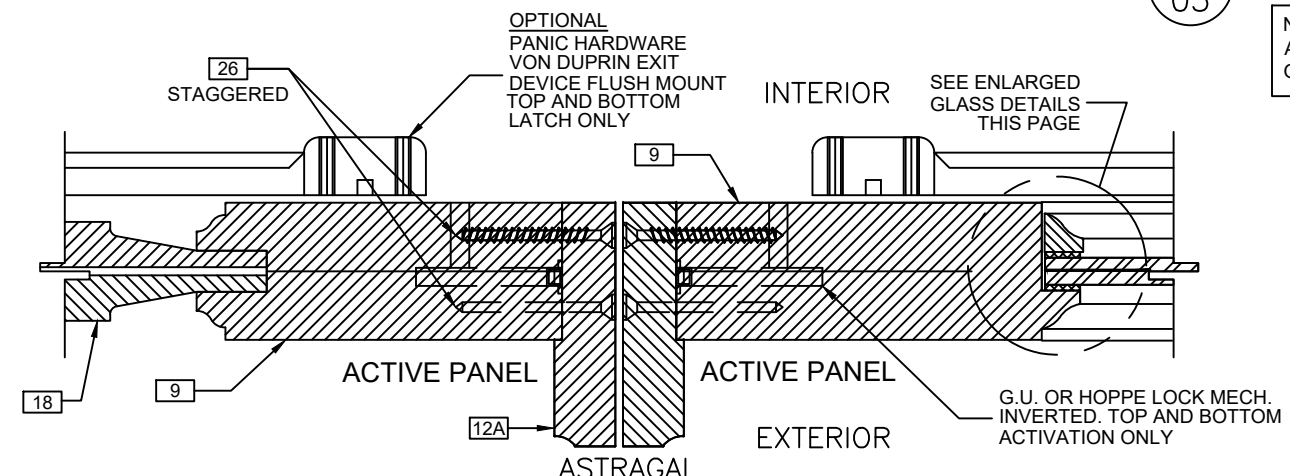
8/17/2026 4:40 PM COLBYBENNARD\GRED\projects\26-103396 2026 product fbc update fl15916.1\work\2026 fbc\drawings & cad\26-103396 tener series wood doors - fl15916.1.dwg



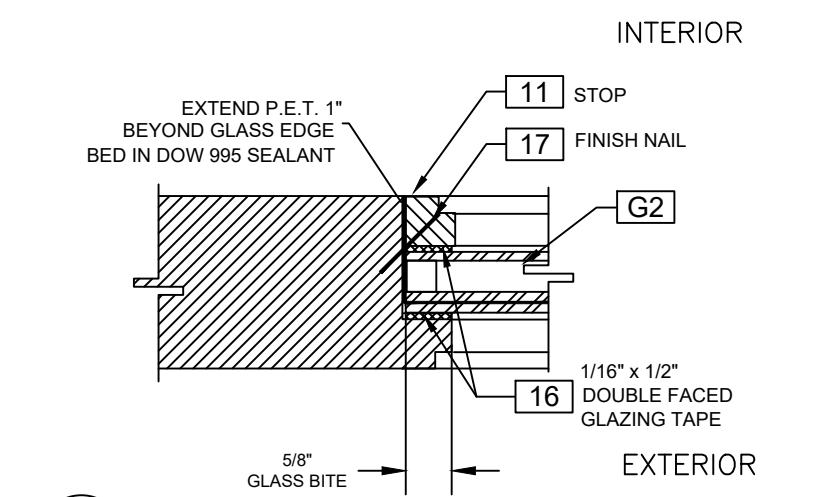
1
03 ASTRAGAL DETAIL

2
03 JAMB DETAIL

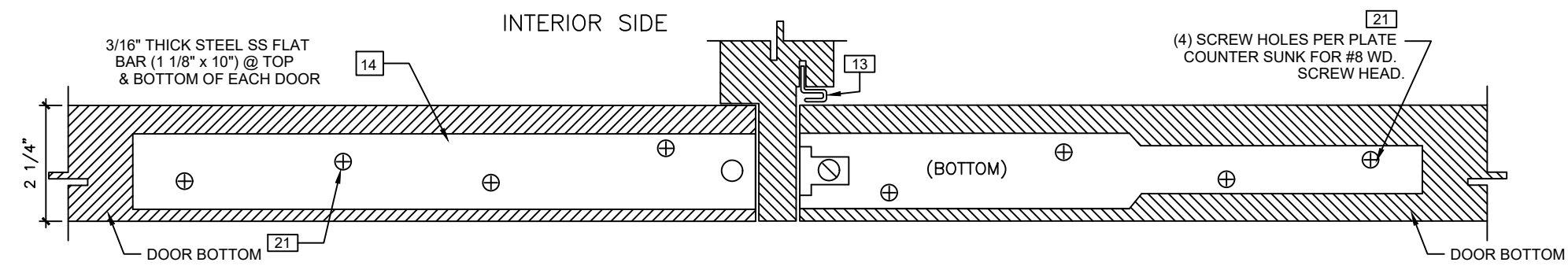
NOTE: ALTERNATE SUBSTRATES ARE ALLOWED BASED ON GENERAL NOTE 3 ON PAGE 1



6
03 COMMERCIAL ASTRAGAL

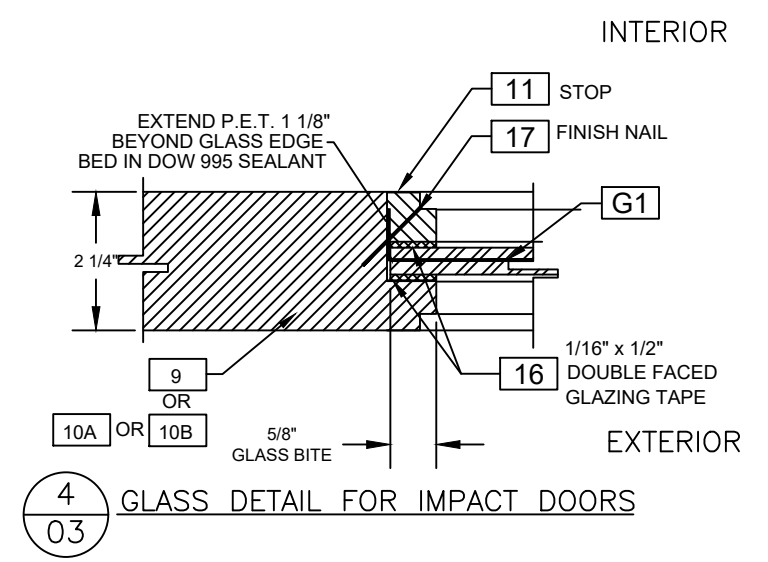
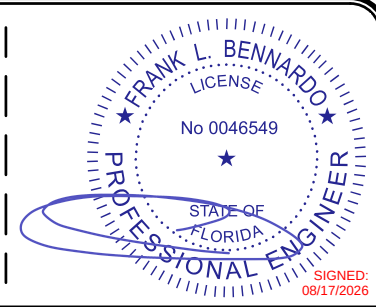


5
03 INSULATED GLASS DETAIL FOR IMPACT DOORS

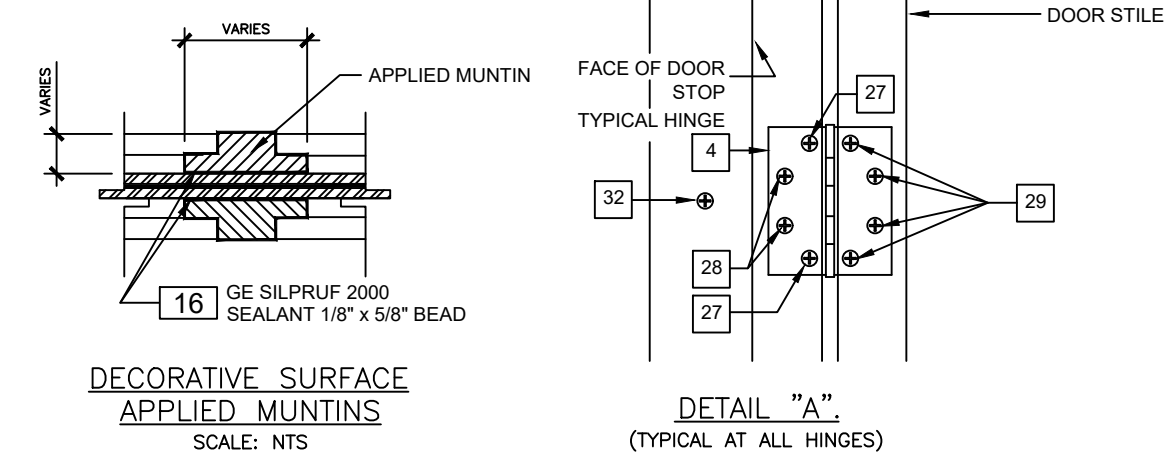


3
03 STEEL FLAT BAR DETAILS
(APPLIED TO TOP AND BOTTOM OF EACH DOOR)

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PE# 0046549 CA# 0885



4
03 GLASS DETAIL FOR IMPACT DOORS



DECORATIVE SURFACE
APPLIED MUNTINS
SCALE: NTS

DETAIL "A"
(TYPICAL AT ALL HINGES)

NOTE: SUBSTRATES MUST BE
WATERPROOFED OR FLASHED
BY CONTRACTOR

FL 15916.1

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FLORIDA APPROVAL FL# 15916.1
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08/21/23	AMZ	RMS
08/04/26	NRD	
REMARKS	INIT	ISSUE
FBC 2023 (23-63382)		
2026 FBC UPDATE		
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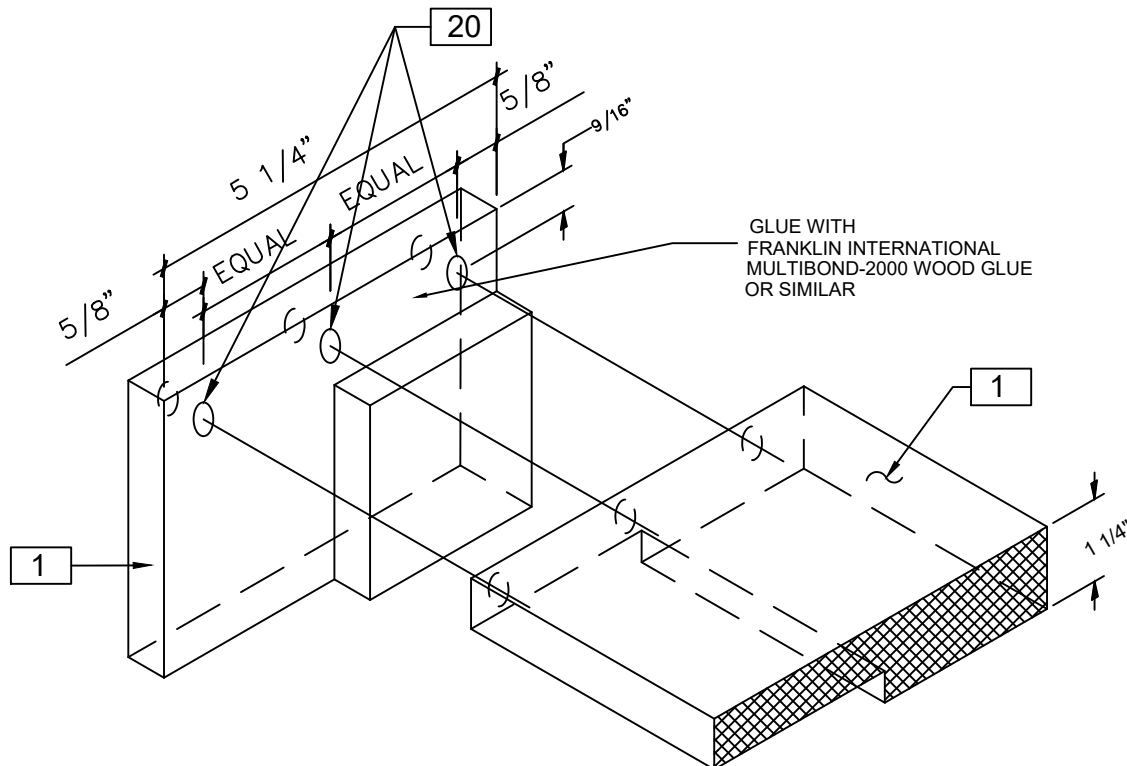
26-103396

SCALE: NTS UNLESS NOTED

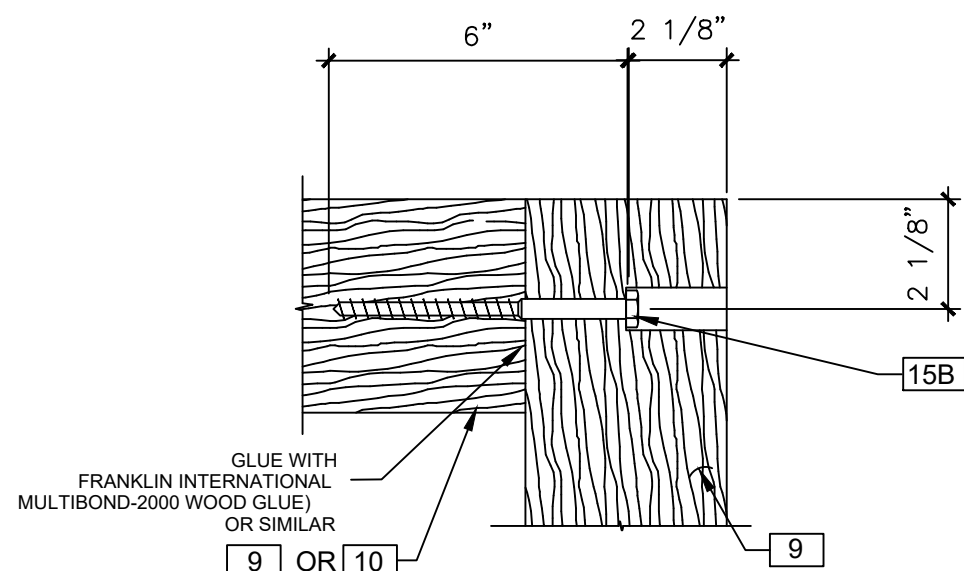
03 OF 09

09

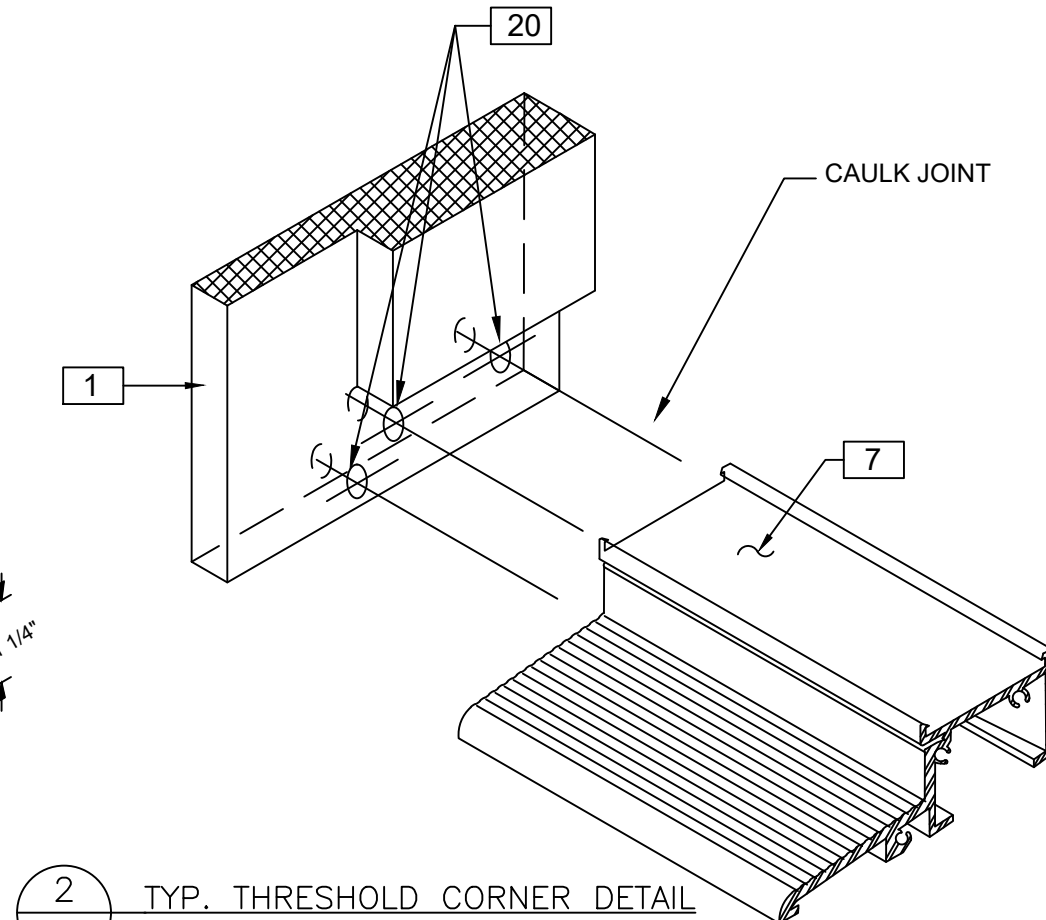
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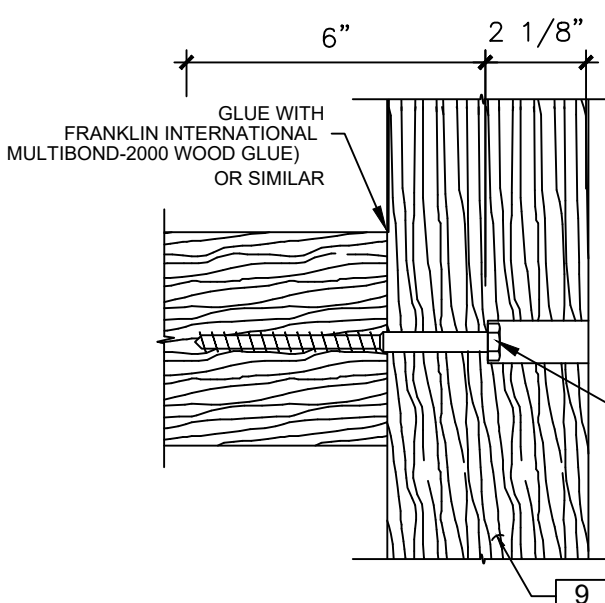
1
05 TYP. FRAME CORNER DETAIL
(ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS)
SCALE: NTS



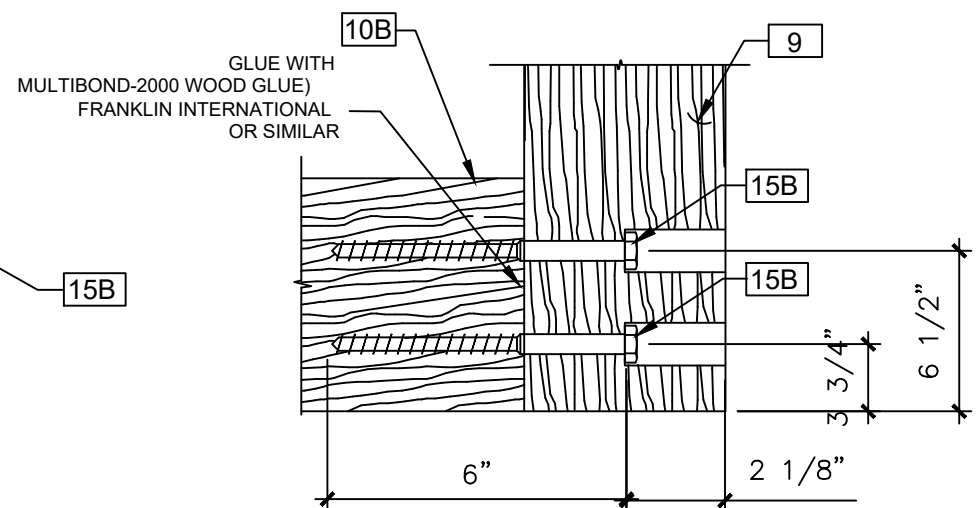
4
05 DOOR PANEL CORNER DETAIL
SCALE: N.T.S.



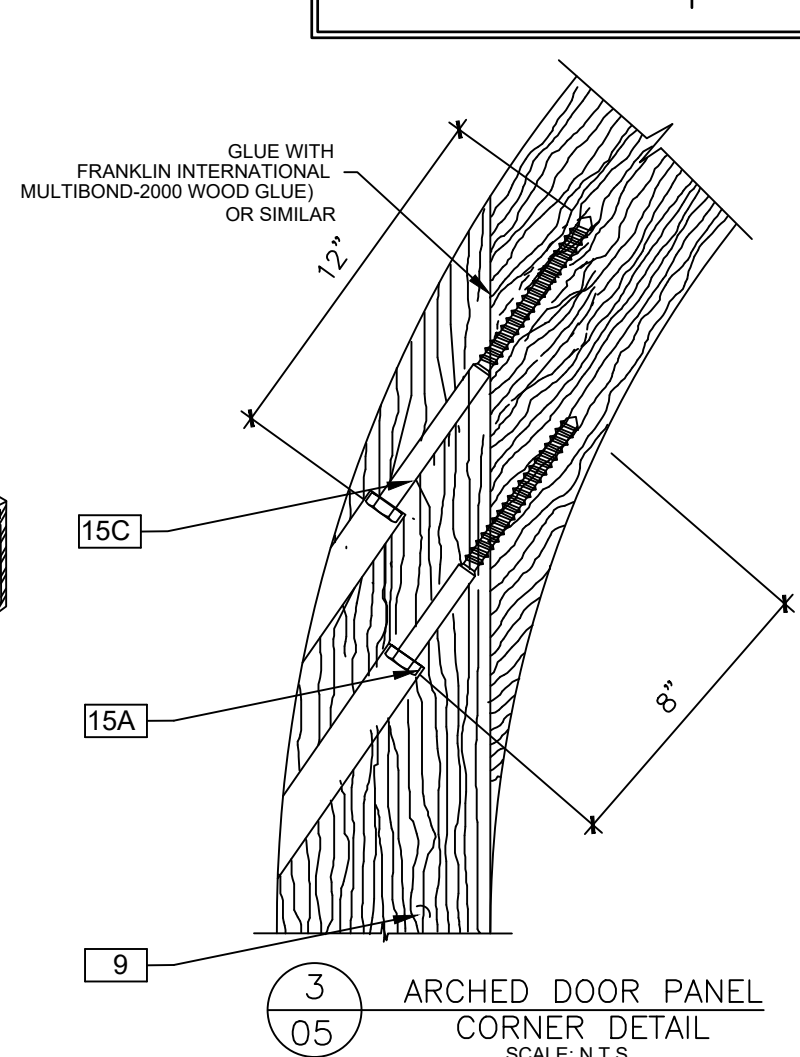
2
05 TYP. THRESHOLD CORNER DETAIL
(ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS)
SCALE: NTS



4A
05 TYPICAL MEETING RAIL DETAIL
SCALE: N.T.S.

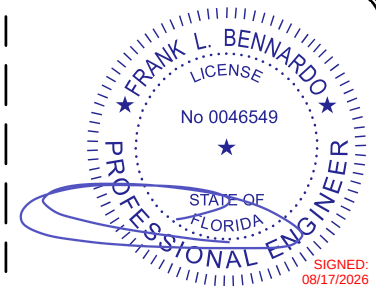


4B
05 TYP. BOTTOM RAIL DETAIL
SCALE: N.T.S.



3
05 ARCHED DOOR PANEL CORNER DETAIL
SCALE: N.T.S.

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09/23/20	JEM	AJP	08/21/23	AMZ	2026 FBC UPDATE
08/04/26	RMS	NRD			

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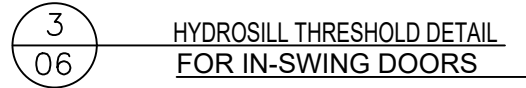
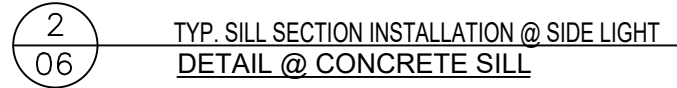
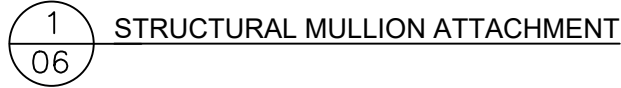
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FLORIDA APPROVAL FL# 15916.1
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REMARKS	DRWN CHKD	DATE
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FBC 2023 (23-63382)	AMZ SQ	09/21/23
2026 FBC UPDATE	NRD RMS	08/04/26
*	*	-
*	*	-

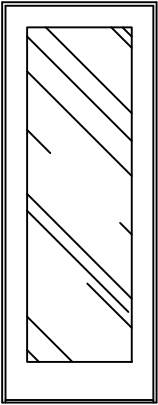
SCALE: NTS UNLESS NOTED

06

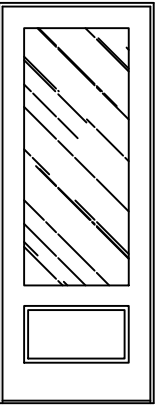


TYPICAL GLAZED DOOR PANELS:

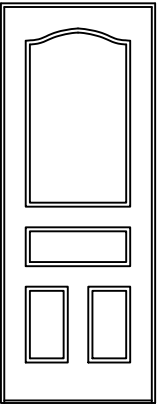
NOTE: DOOR PANELS MAY BE ANY CONFIGURATION OF GLAZED OR GLAZED PLUS SOLID CORE. ASSEMBLY METHOD MUST MATCH DETAILS.



TYPICAL FULL GLAZED DOOR.
MAY BE RECTANGULAR OR
ARCHED



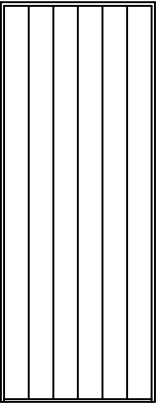
TYPICAL GLAZED PLUS
SOLID PANEL.



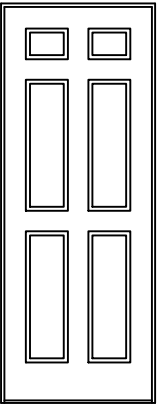
TYPICAL ARCHED GLAZED
PLUS MULTIPLE SOLID
PANEL CONFIGURATION

TYPICAL SOLID CORE DOOR PANELS:

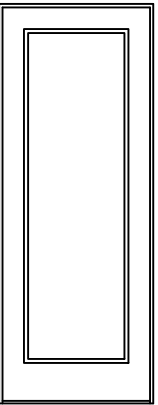
NOTE: DOOR PANELS MAY BE ANY CONFIGURATION OF SOLID OR RAISED PANELS. ASSEMBLY METHOD MUST MATCH DETAILS



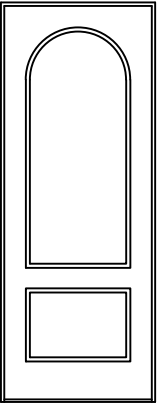
TYPICAL SOLID DOOR



TYPICAL MULTI-PANEL DOOR



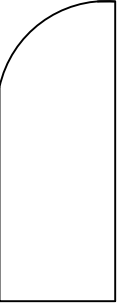
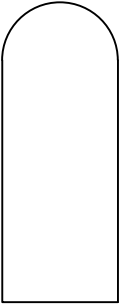
TYPICAL RAISED PANEL DOOR



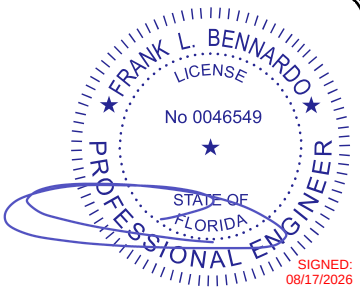
TYPICAL CURVED PANEL DOOR

APPLICABLE FOR SOLID
WOOD RAISED PANEL
DOORS OR GLAZED
DOORS.

NOTE: DOOR PANELS MAY BE
RECTANGULAR OR ROUND TOP



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TENER SERIES WOOD DOORS
FLORIDA APPROVAL FL# 15916.1
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26-103396

SCALE: NTS UNLESS NOTED

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MATERIAL LIST

1. SIDE & HEAD JAMB (1 1/4" X 5 1/4" (MIN.) RABBETED & KERFED MAHOGANY
NOTE: WOOD SPECIES OF EQUAL OR GREATER DENSITY MAY BE SUBSTITUTED FOR ALL WOOD COMPONENTS
2. LOCKING HARDWARE:

2A. G.U. HARDWARE CREMONA R2 (6 POINT) DOOR BOLT SYSTEM WITH LEVER HANDLE & STRIKE AT 36" ABOVE BASE OF ACTIVE DOOR AND SHOOT BOLT MORTISED INTO DOOR PANEL WITH TOP AND BOTTOM STRIKES.

2B.IVES MULTI-POINT DOOR BOLT SYSTEM WITH LEVER HANDLE & STRIKE AT 36" ABOVE BASE OF ACTIVE DOOR AND SHOOT BOLT MORTISED INTO DOOR PANEL WITH TOP AND BOTTOM STRIKES.

2C.TITAN CYLINDER LOCK & DEAD BOLT @ 36" & 52" ABOVE BASE OF DOOR

2D. STORM-BOLT @ TOP & BOTTOM
3. DOUBLE ACTING FLUSH BOLT BY G.U. AT THE INACTIVE DOOR WITH TOP & BOTTOM STRIKES
4. STEEL HINGES 4 1/2" X 4 1/2" X 3/32" THICK LEAFS (GENERIC) PAINTED, STAINLESS STEEL, OR OTHER FINISHES.
5. STRIKES: HEAD AND SILL STRIKE PLATE. ALUMINUM BAR 0.125" THICK X 1 1/2" X 6"
6. GLASS: SEE GLAZING TABLE ON SHEET 1
7. 5" X 1 3/8" 6063-T5 ALUMINUM BUMPER THRESHOLD.
8. MAHOGANY / OAK OR 6063-T5 ALUMINUM THRESHOLD CAP.
9. 2 1/4" X 5 1/4" (MIN.) MAHOGANY STILE.
10. RAILS:

A. 2 1/4" X 5 1/4" MAHOGANY TOP RAIL.

B. 2 1/4" X 10" (MIN.) MAHOGANY BOTTOM RAIL

C. 2 1/4" X 6" (MIN.) MAHOGANY INTERMEDIATE RAIL (HORIZ. OR VERT.)

D. 2 1/4" X 2" (MIN.) MAHOGANY INTERMEDIATE RAIL (HORIZ. OR VERT.)
11. GLASS STOP 9/16" x 5/8" OR 5/8" X 3/4"
12. ASTRAGAL 2" X 4 5/8" WITH 2 1/4" RABBET ON INACTIVE SIDE AND 2 5/8" RABBET ON ACTIVE SIDE
- 12A.COMMERCIAL ASTRAGAL
13. WEATHER STRIP 5/8" Q-LON QDS-650.
14. TOP / BOTTOM DOOR GUIDE REINFORCING 1/8" THK. STAINLESS STEEL x 10" LG x 1 1/8" WIDE
15. PANEL LAG BOLTS

A. PANEL 3/8" x 8" STEEL LAG SCREW

B. PANEL 3/8" x 6" STEEL LAG SCREW

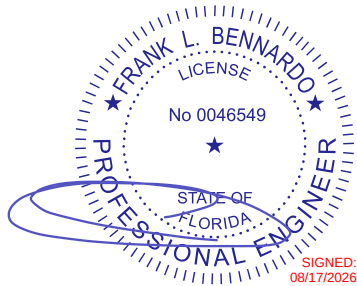
C. PANEL 3/8" x 12" STEEL LAG SCREW
16. DOUBLE FACED TAPE
17. 4d X 1 1/4" FINISHING NAIL 1" FROM CORNERS AND SPACED MAX. 2 1/2" O.C. FASTENING GLASS STOPS TO PANELS.
18. SOLID MAHOGANY RAISED PANEL - 1 1/2" THK. @ CENTER, 5/8" THK. @ EDGES
19. NOT USED
20. #10 x 2 1/2" F.H.S.M.S. (3 PER JAMB CORNER FASTENING JAMB TO JAMB). TYP.
21. NO. 10 X 2" PFHSMS FASTENING REINF. TO DOOR RAIL
22. NO. 10 X 3/4" PFHSMS FASTENING STRIKE PLATE TO HEAD JAMB AND SILL (2 PER PLATE).
23. NO. 12 x 2 1/4" PFHSMS FASTENING STRIKE PLATE TO HEAD JAMB & BUCK (SCREWS PENETRATE THROUGH JAMB & INTO BUCK 1 1/2"). 2 PER PLATE.
24. NOT USED
25. NOT USED
26. NO. 10"x2" TO INACTIVE PANEL ASTRAGAL (1" FROM END, BALANCE @ 11" O/C. STAGGERED. MIN.)
27. NO. 12 X 3/4" FHSMS FASTENING HINGE TO JAMB (2 PER HINGE).
28. NO. 12 X 2 1/2" FHSMS FASTENING HINGE TO JAMB (2 PER HINGE). FASTENERS: MUST PENETRATE BUCK MIN. 1 1/4"
29. NO. 12 X 1 1/4" FHSMS FASTENING HINGES TO PANELS (4 PER HINGE).
30. NOT USED
31. 1/4" DIA. DEWALT ULTRACONS (LENGTH AS REQUIRED FOR MIN. 1 3/4" CONCRETE EMBED) 2 1/2" MIN. C/C SPACING 2 1/2" MIN. EDGE DISTANCE. POSITIONED AS SHOWN ON ELEVATION VIEWS AND SECTIONS.
32. NO. 12 F.H.S.M.S. FASTENING JAMB TO BUCKS. EMBED 1 1/2" MIN.
34. NO. #8 X 2 1/2" F.H.S.M.S. FASTENING MULLIONS TO PANELS (4" FROM CORNERS & 8" O/C.)
35. NO. 12 X 1 1/2" F.H.S.M.S. (2) @ 1" FROM ENDS, BALANCE @ 12" O/C. (SINGLE ROW FOR BALANCE)
36. NO. 12 x 3" F.H.S.M.S. - 1" FROM ENDS, BALANCE @ 12" O/C.
37. NO. 12 x 3 1/2" F.H.S.M.S. -3 1/2" FROM ENDS, BALANCE @ 17 1/2" O/C. @ JAMBS

EMBED 1 1/4" (MIN) INTO BUCK
38. NO. 12 x 3 1/2" F.H.S.M.S. - 3" FROM ENDS, BALANCE @ 12" O/C. @ HEAD

EMBED 1 1/4" (MIN) INTO BUCK
39. 1/4" DIA. x 2 1/2" DEWALT ULTRACONS w/ 1 3/4" MIN. EMBED @ SILL
40. 3/4" x 5 1/4" STRUCTURAL MULLION COMPOSED OF 13 PLY HARDWOOD PLYWOOD
41. HYDROSILL SERIES 5000 (6063-T6)
42. FIDS-19 WOOD SADDLE FOR INSWING THRESHOLD W/ WEEPS
43. FIDS-OA STRIKE PLATE (6063-T6)
44. OPEN CELL FOAM BAFFLE FOR INSWING SILL
45. WEATHERSTRIP FOR HYDROSILL - POLYETHYLENE CLAD URETHANE FOAM

AT FIXED PANELS ONLY

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PE# 0046549 CA# 0885



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-	-	-	-

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SCALE: NTS UNLESS NOTED

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ALLOWABLE WIND PRESSURE CHART
SINGLE OR DOUBLE DOORS - LG. MISSILE IMPACT

DESIGN LOAD - PSF

NOMINAL DIMS		EXTERIOR (+)								INTERIOR (-)												
OVERALL HEIGHT FT/ IN	LEAF WIDTH FT/ IN	O/SWING	O/SWING	INSWING			O/SWING	O/SWING	INSWING			O/SWING	O/SWING	INSWING								
		WATER REQUIRED		WATER REQUIRED		WATER REQUIRED			WATER NOT REQUIRED		WATER NOT REQUIRED		WATER NOT REQUIRED									
		G-1	RP-1	G-2		G-1	G-2	RP-1	G-1	RP-1	G-2		G-1	G-2	RP-1	G-1	RP-1	G-2		G-1	G-2	RP-1
SILLS		$\frac{2}{4}$		$\frac{2A}{4}$			$\frac{2, 3 \& 3B}{4}$		$\frac{2A, 3A \& 3B}{4}$			$\frac{2, 3 \& 3B}{4}$			$\frac{2A, 3A \& 3B}{4}$							
10/0	4/0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
	3/6	55.4	50.0	50.0	50.0	55.4	50.0	50.0	50.0	50.0	50.0	50.0	55.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0		
	3/0	60.0	50.0	50.0	50.0	62.7	50.0	50.0	50.0	50.0	50.0	50.0	62.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0		
9/6	4/0	53.3	50.0	50.0	50.0	50.0	53.3	50.0	50.0	50.0	50.0	50.0	53.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0		
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	3/0	60.0	50.0	50.0	50.0	70.0	50.0	50.0	50.0	50.0	50.0	50.0	70.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		
8/0	4/0	60.0	50.0	50.0	50.0	50.0	66.7	50.0	50.0	50.0	50.0	50.0	66.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0		
	3/6	60.0	50.0	50.0	50.0	70.0	50.0	50.0	50.0	50.0	50.0	50.0	70.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		
	3/0	60.0	50.0	50.0	50.0	70.0	50.0	50.0	50.0	50.0	50.0	50.0	70.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		

LEGEND:

X-X

- TYPE OF INFILL - SEE DOOR PANEL OPTIONS ON SHEET 1 OF 9

XX
X

- TYPE OF THRESHOLD SEE SHEET 4 OF 9

TESTED ASSEMBLIES:

OUTSWING:

RECTANGULAR : 8' x 10' STRUCTURAL P = +50/ -50 psf
IMPACT & CYCLE P = +60 / -70 psf
ARCHED TOP : 8' x 10' STRUCTURAL P = +50 / -50 psf
IMPACT & CYCLE P = +70 / - 70 psf
EYEBROW TOP : 8' x 10' STRUCTURAL P = +50/ -50 psf
IMPACT & CYCLE P = +50/ -50 psf

INSWING:

RECTANGULAR : 8' x 10' P = +50/ -50 WATER @ 7.50 psf