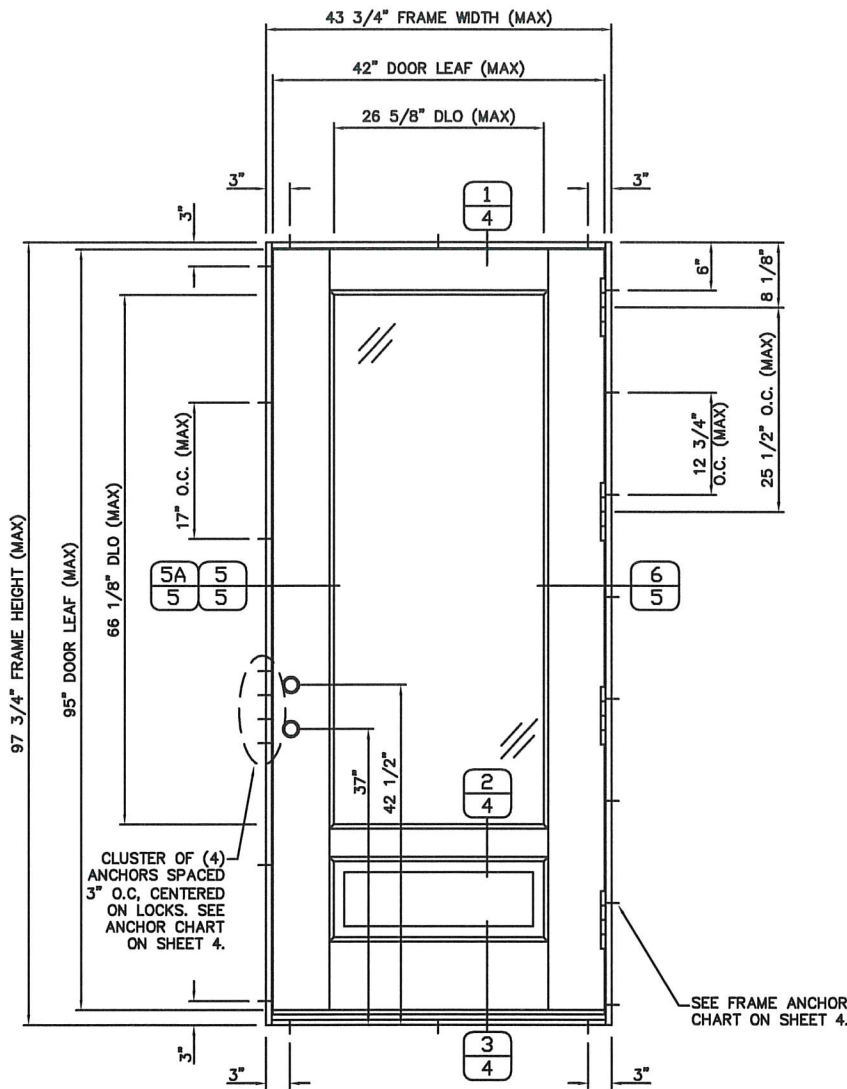
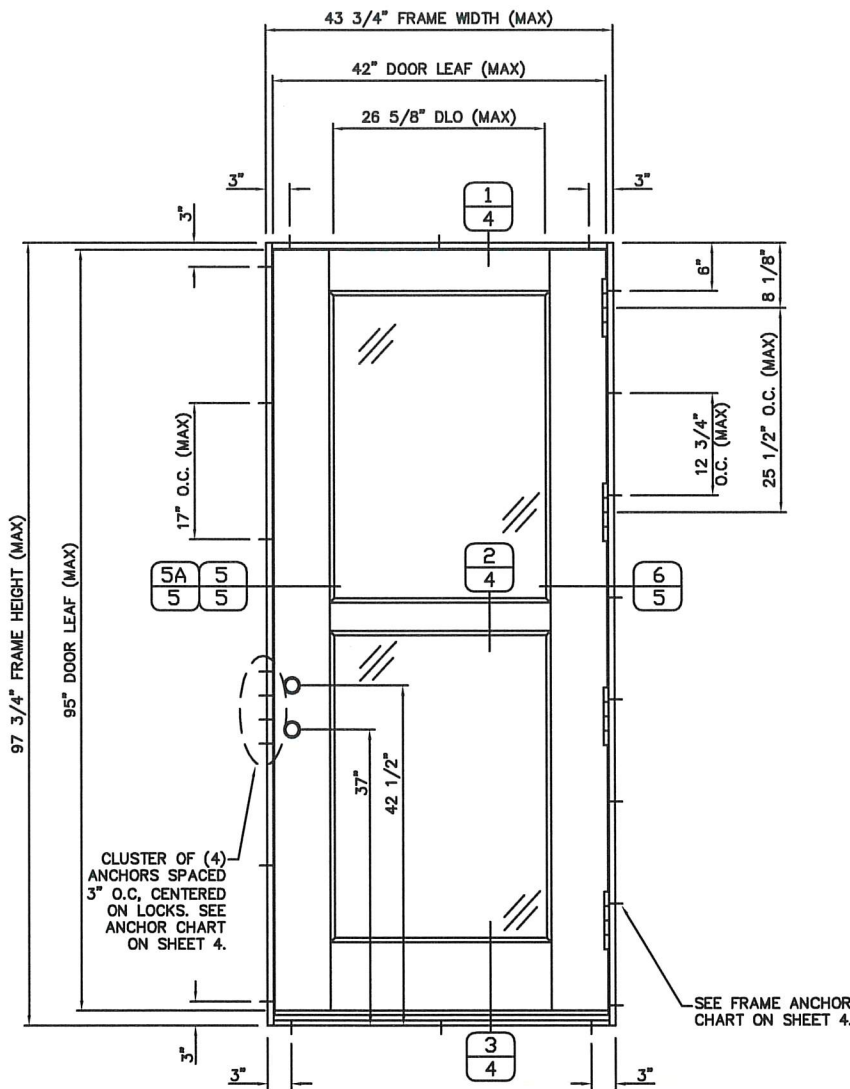


3'-6" x 8'-0" (max) DOORS:
(with 7 11/16" STILES)



STANDARD DOOR ELEVATION
(INTERIOR VIEW)



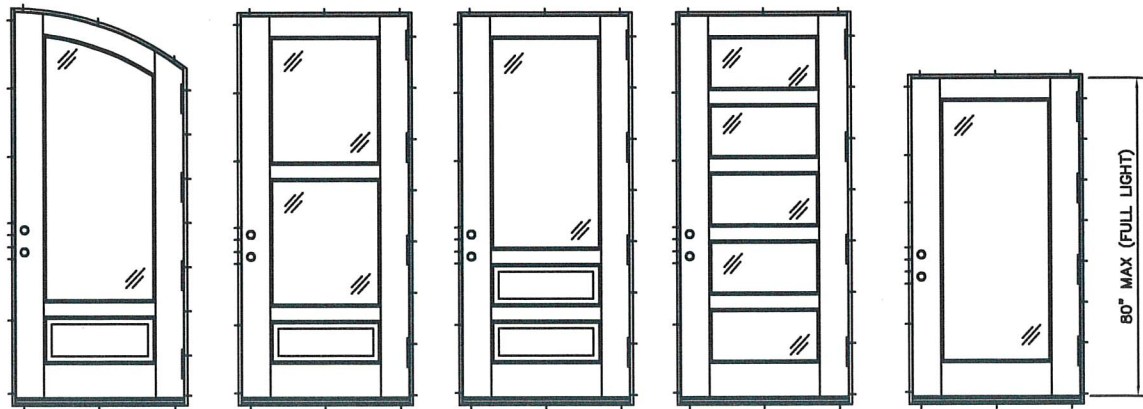
STANDARD DOOR ELEVATION
(INTERIOR VIEW)

MAXIMUM DESIGN
PRESSURE
SEE HARDWARE CHART

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, FOR USE OUTSIDE THE HVHZ. THIS SYSTEM IS NOT IMPACT RESISTANT, SHUTTERS ARE REQUIRED IN WINDBORNE DEBRIS REGIONS.
2. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT PRESSURE CANNOT EXCEED THE DESIGN PRESSURE LISTED FOR EACH ELEVATION.
3. THIS SYSTEM IS NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. THE SYSTEM MUST BE PROTECTED BY AN OVERHANG THAT PROJECTS OUT FARTHER THAN ITS HEIGHT FROM THE GROUND.
4. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
5. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GLAVANIC REACTIONS IN ACCORDANCE WITH FBC CHAPTERS 20 AND 23.
6. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.

OTHER APPROVED SHAPES:



CORNER CONSTRUCTION:

FRAME CORNERS: HORIZONTAL FRAME ENDS ARE COPED AND BUTTED TO VERTICAL FRAME JAMBS WITH JOINT FULLY GLUED WITH WOOD GLUE AND FASTENED WITH (3) #6 x 2" WOOD SCREWS.

PANEL CORNERS: HORIZONTAL RAILS ARE COPED AND BUTTED TO VERTICAL STILES WITH JOINT FULLY GLUED WITH WOOD GLUE AND DOWELED WITH (4) 5/8" x 4 1/2" DOWELS AT BOTTOM RAIL AND (3) 5/8" x 4 1/2" DOWELS AT TOP RAIL.

MID-RAIL INTERSECTIONS: THE HORIZONTAL MID-RAILS ARE COPED AND BUTTED TO VERTICAL STILES WITH JOINT FULLY GLUED WITH WOOD GLUE AND DOWELED WITH (3) 5/8" x 4 1/2" DOWELS.

MUTINS: HORIZONTAL MUTINS ARE COPED AND BUTTED TO VERTICAL STILES WITH JOINT FULLY GLUED AND NAILED WITH 1 1/4" BRAD NAILS. VERTICAL MUTINS ARE COPED AND BUTTED TO THE HORIZONTAL RAILS AND HORIZONTAL MUTINS WITH JOINT FULLY GLUED AND NAILED WITH 1 1/4" BRAD NAILS.

HARDWARE SCHEDULE			
LOCKS			
STRIKE PLATES	APPROVED LOCKSETS	MAX. DOOR SIZE (in)	MAX DESIGN PRESSURE (psf)
STANDARD STRIKE PLATES	KWIKSET 800 CE	42" x 96"	+40.6/-53.2
		36" x 96"	+/- 60.15
		36" x 80"	+/- 65.16
	SCHLAGE JH58	42" x 96"	+40.6/-53.2
STANDARD STRIKE PLATES WITH STEEL SECURITY PLATE (SEE DETAIL 5A/5)	KWIKSET 800 CE	42" x 96"	+54.8/-71.3
		36" x 96"	+60.15/-71.3
		36" x 80"	+65.16/-71.3
	SCHLAGE JH58	42" x 96"	+54.8/-71.3
HINGES			
APPROVED HINGES		MAX. DOOR SIZE (in)	MAX DESIGN PRESSURE (psf)
SGS HARDWARE 158 SERIES - (4) PER LEAF		42" x 96"	+54.8/-71.3
		36" x 80"	+65.16/-71.3
SGS HARDWARE 158 SERIES - (3) PER LEAF		36" x 96"	+/-50.13
		36" x 80"	+/- 65.16

HARDWARE NOTES:

LOCKS: DEADBOLT AND DEADLATCH ARE FASTENED TO DOOR STILE WITH (2) #8 x 5/8" WOOD SCREWS.

LOCK STRIKES: DEADBOLT STRIKE PLATE IS FASTENED TO THE FRAME WITH (4) #10 x 3" WOOD SCREWS. DEADLATCH STRIKE PLATE IS FASTENED TO FRAME WITH (2) #8 x 1 1/2" WOOD SCREWS.

SECURITY PLATE: THE STEEL SECURITY PLATE IS FASTENED TO THE DOOR FRAME WITH (3) #8 x 5/8" WOOD SCREWS.

HINGES: HINGES ARE FASTENED TO THE DOOR HINGE STILE WITH (4) #10 x 1" WOOD SCREWS. HINGES ARE FASTENED TO THE DOOR FRAME WITH (3) #10 x 1" WOOD SCREWS AND (1) #10 x 2 1/2" WOOD SCREW. AT CONCRETE OR STEEL, THE 2 1/2" WOOD SCREW IS REPLACED WITH A FRAME ANCHOR PER THE CHART ON SHEET 4.

SWING: DOORS ON THIS SHEET UP TO 36" x 96" AND +/-60.15 PSF MAY BE INSTALLED AS OUTSWING.

NON-IMPACT SINGLE GLAZED WOOD DOOR

HOELSCHER WEATHERSTRIP MFG, INC.

10111 HOUSTON OAKS DRIVE

HOUSTON, TX 77064

PH: (713) 869-6466

FAX: (713) 861-2909

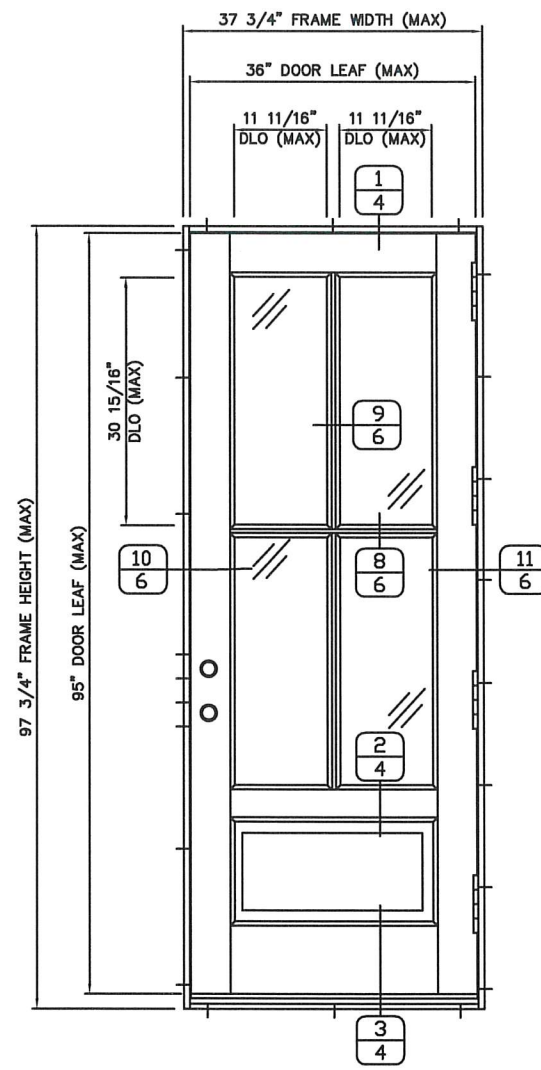
www.hoelscherweatherstrip.com

2023 CODE UPDATE
REVISION
TRANSOM/SIDELITES
2017 CODE UPDATE
2014 CODE UPDATE
1ST SUBMITTAL
PRINTS ISSUED FOR

10/14/23
8/13/21
6/8/20
4/18/19
8/31/15
8/30/13
DATE

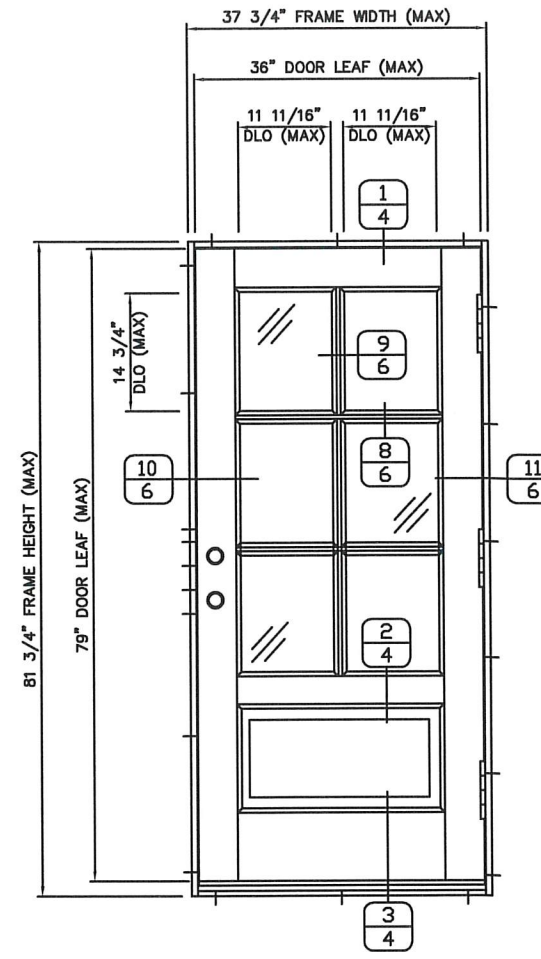
DWG: HWM-1
SHEET: 1/11

3'-0" x 6'-8" (max) DOORS:
(with 5 1/8" STILES)



DOOR WITH OPTIONAL MUTINS
(INTERIOR VIEW)

MAXIMUM DESIGN PRESSURE
+/- 50.13 PSF



DOOR WITH OPTIONAL MUTINS
(INTERIOR VIEW)

MAXIMUM DESIGN PRESSURE
+/- 60.15 PSF

1. DOORS ON THIS SHEET MAY BE INSTALLED AS INSWING OR OUTSWING.
2. DOORS ON THIS SHEET ARE ALSO LIMITED BY THE PRESSURES LISTED
IN THE HARDWARE SCHEDULE ON SHEET 1.

The image displays six vertical door profiles, each with a different glass and panel arrangement. From left to right: 1. A door with a large, arched glass pane at the top and a small rectangular panel at the bottom. 2. A door with a large rectangular glass pane and two small rectangular panels at the bottom. 3. A door with a large rectangular glass pane and a small rectangular panel at the bottom. 4. A door with a large rectangular glass pane and a small rectangular panel at the bottom. 5. A door with a large rectangular glass pane and a small rectangular panel at the bottom. 6. A door with a large, arched glass pane at the top and a small rectangular panel at the bottom.

	-	-	8/13/21
	-	-	6/8/20
REVISION TRANSOM/SIDELITES	-	-	4/18/19
2017 CODE UPDATE	-	-	8/31/15
2014 CODE UPDATE	-	-	8/30/13
1ST SUBMITTAL	-	-	
PRINTS ISSUED FOR	REV #	DATE	

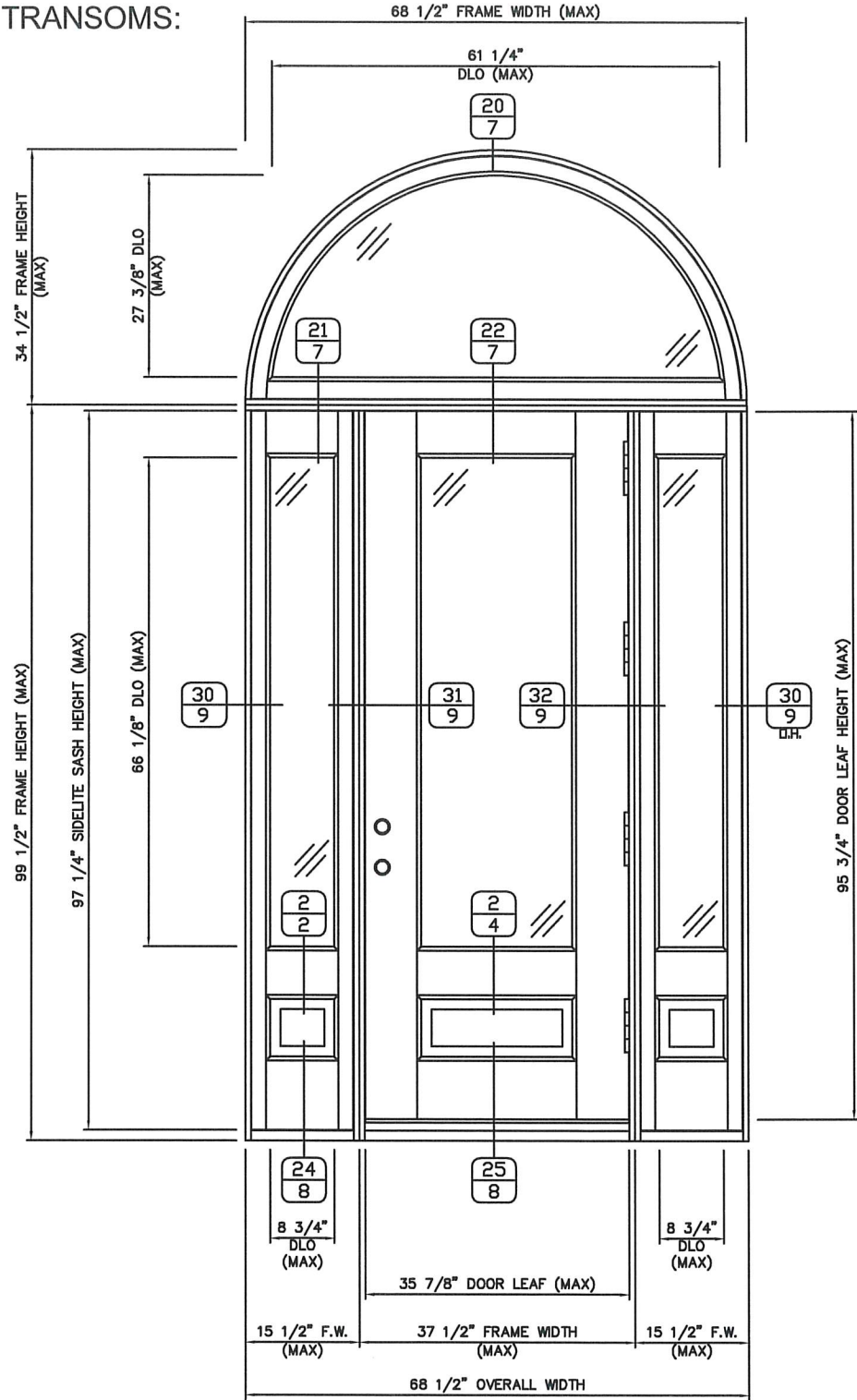
HOELSCHER WEATHERSTRIP MFG, INC.
10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064
PH: (713) 869-6466
FAX: (713) 861-2909
www.hoelscherweatherstrip.com

SCOTT WOLTERS
FL PE# 62354

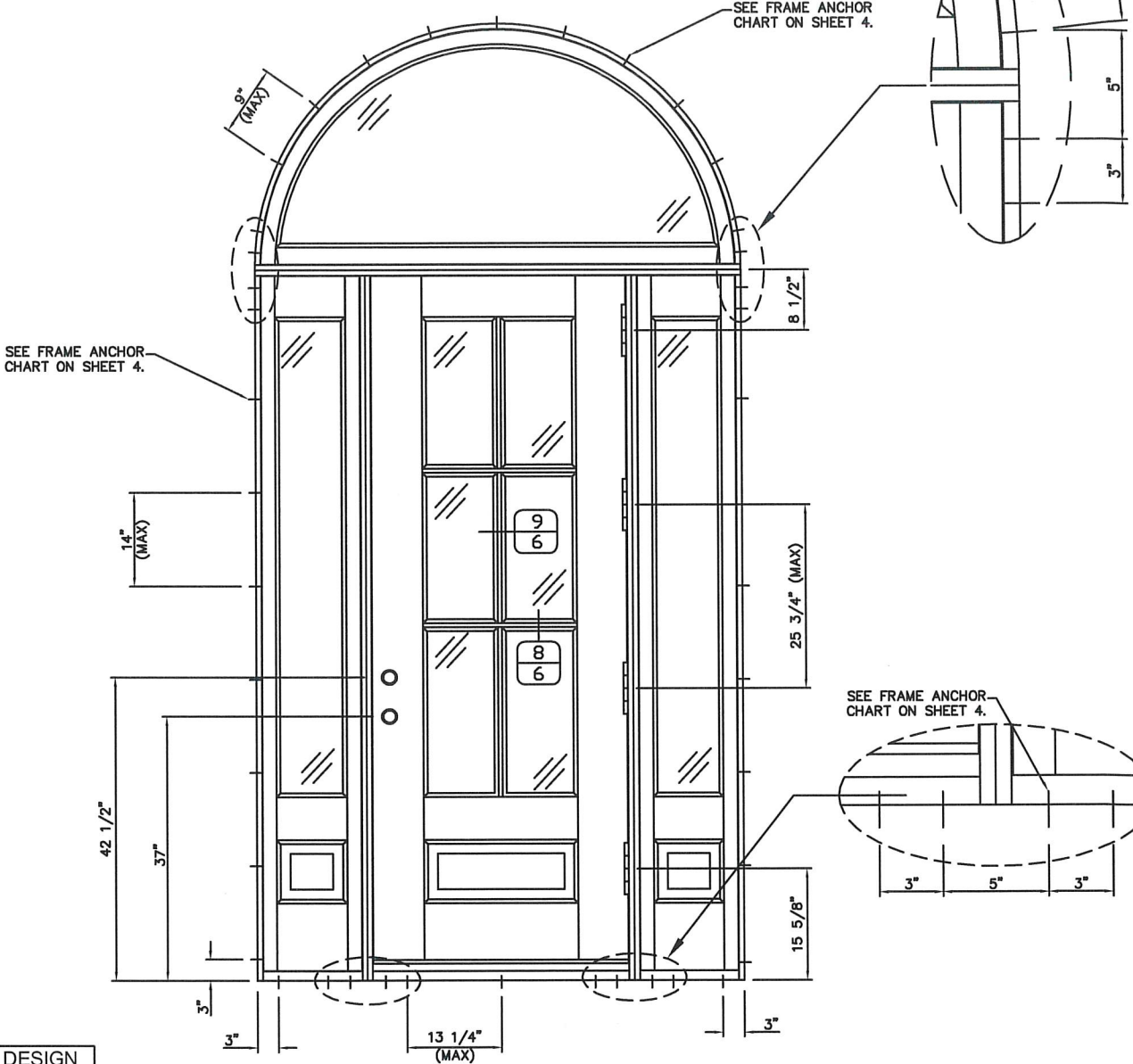
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

DWG:	HWM-1
SHEET:	2/11

OPTIONAL SIDELITES AND TRANSOMS:



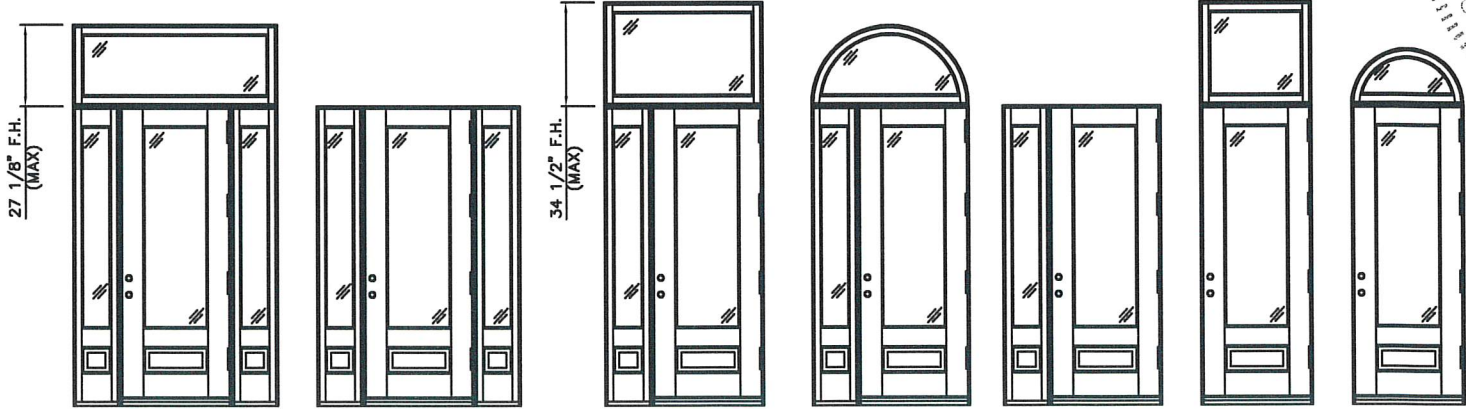
SIDELITE AND TRANSOM ELEVATION
(INTERIOR VIEW)



HARDWARE, FASTENER LOCATIONS,
AND OPTIONAL MUTINS

MAXIMUM DESIGN
PRESSURE
+/- 50 PSF

OTHER APPROVED SHAPES:



INSTALLATION NOTES:

1. DOORS MAY BE INSTALLED AS INSWING OR OUTSWING.
2. ANY OF THE OF THE APPROVED DOORS ON PREVIOUS SHEETS MAY BE INSTALLED WITH SIDELITES AND TRANSOMS, BUT ARE LIMITED TO THE SIZES AND PRESSURES SHOWN ON THIS SHEET.

NON-IMPACT SINGLE GLAZED WOOD DOOR

HOELSCHER WEATHERSTRIP MFG, INC.
10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064

PH: (713) 869-6466
FAX: (713) 861-2909

www.hoelscherweatherstrip.com

REVISION

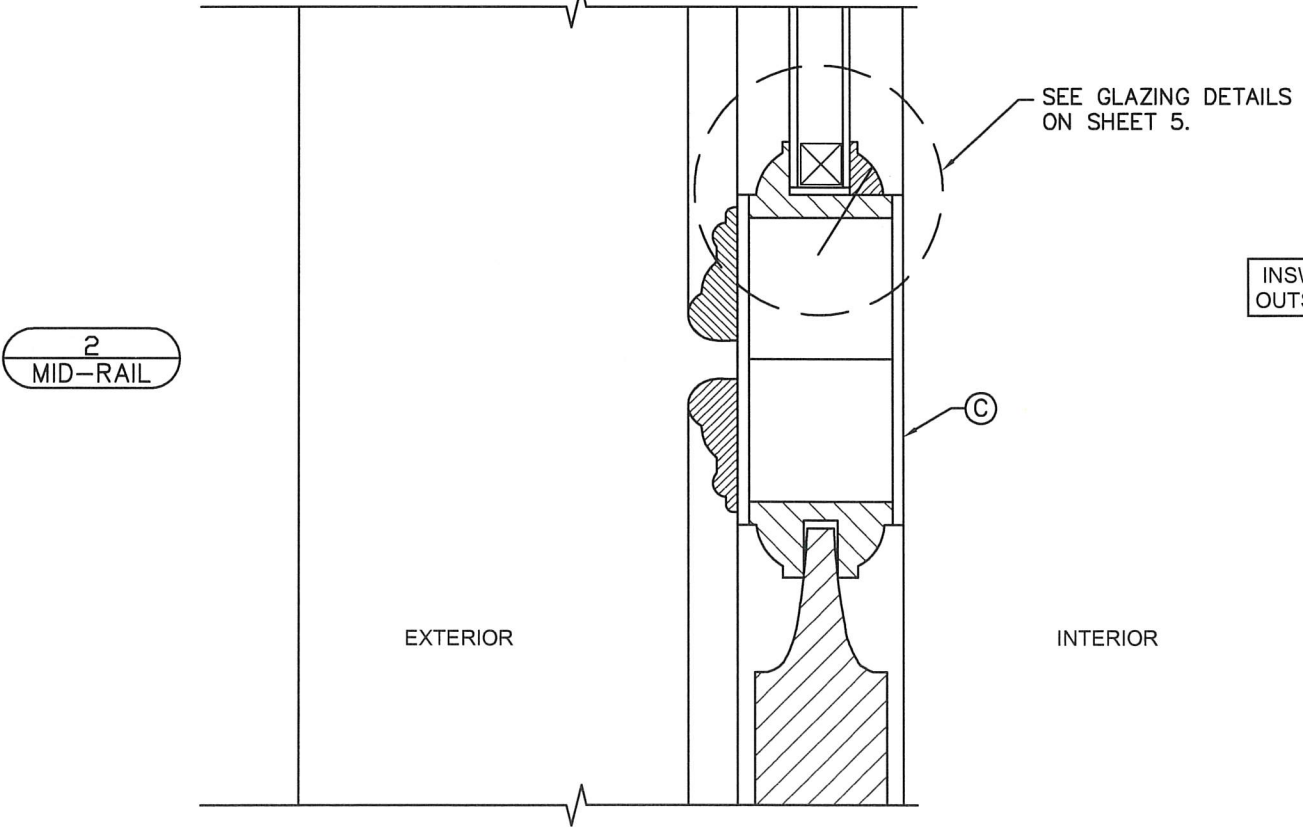
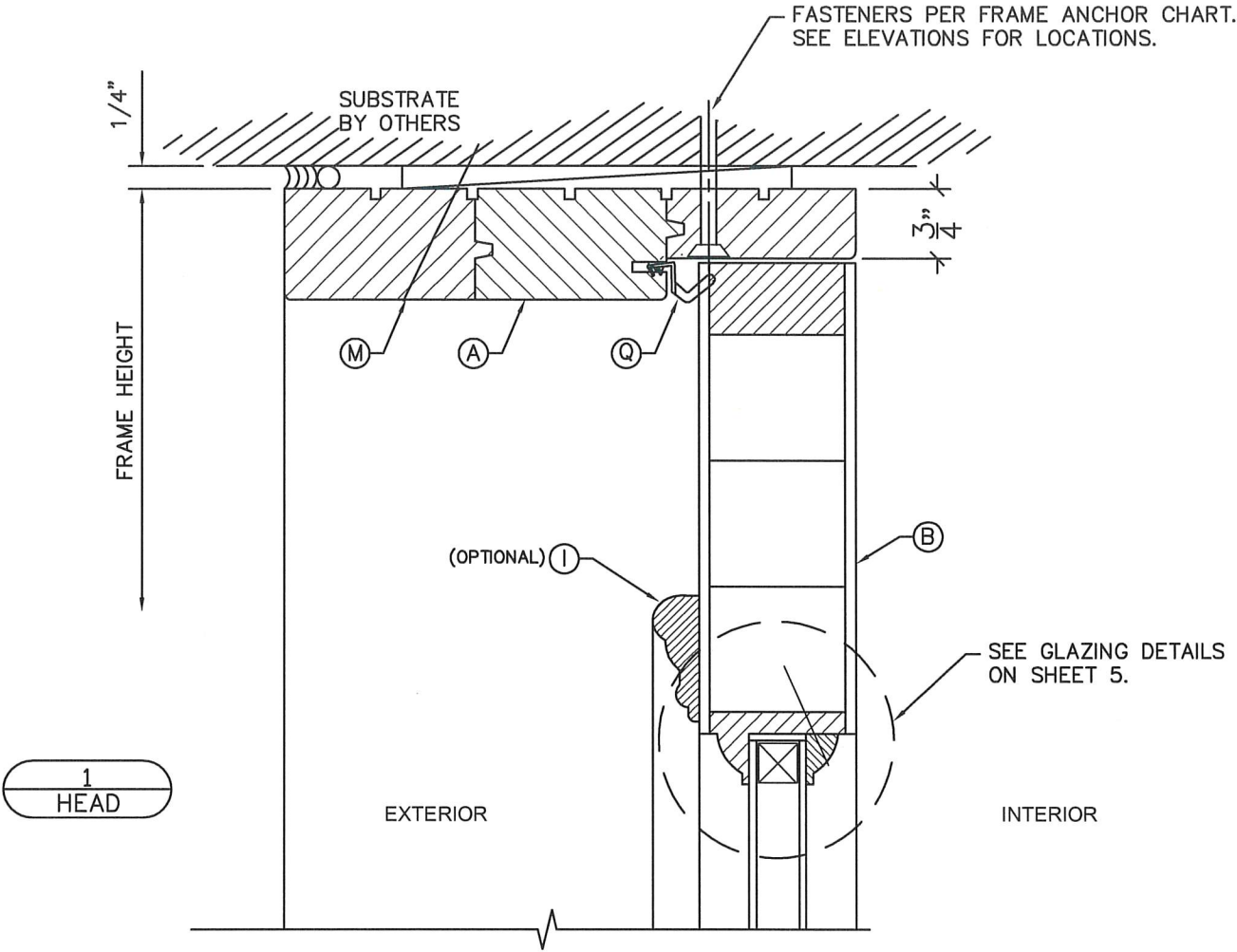
TRANSOM/SIDELITES
2017 CODE UPDATE
2014 CODE UPDATE
1ST SUBMITTAL
PRINTS ISSUED FOR

8/13/21
6/8/20
4/18/19
8/31/15
8/30/13
REV #
DATE

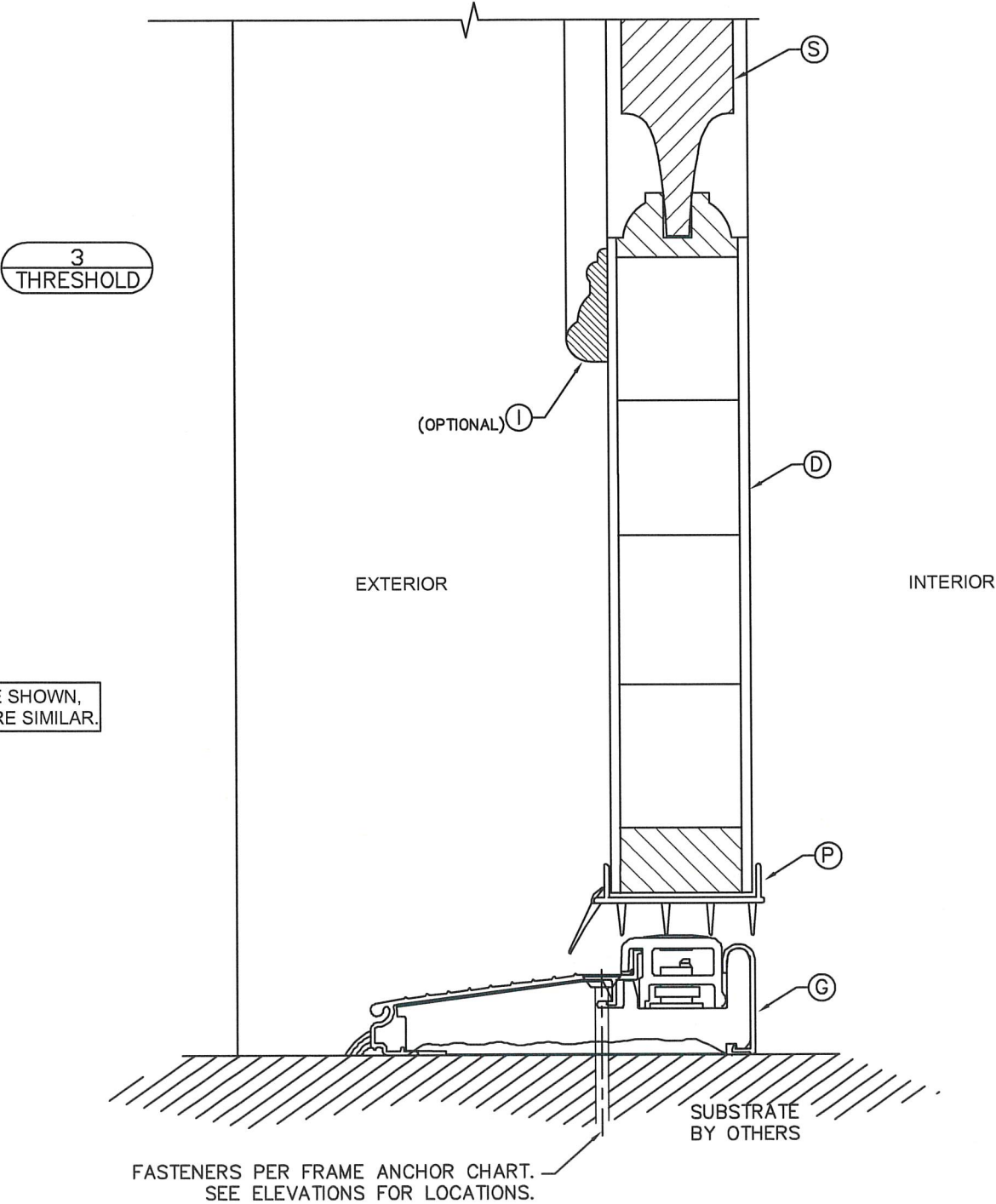
DWG: HWM-1
SHEET: 3/11

FRAME ANCHOR CHART			
SUBSTRATE	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
WOOD - 2x MIN. (S.G.=0.55,E=1.3x10 ⁶ psi (MIN))	#10 x 2 1/2" WOOD SCREW	1 3/8"	3/4"
CONCRETE (3000 psi MIN)	3/16" DIA. TAPCON (DIRECT OR THRU 1x WOOD BUCK)	1 1/4"	1 7/8"
GROUT-FILLED CMU (ASTM C90 MIN)	3/16" DIA. TAPCON (DIRECT OR THRU 1x WOOD BUCK)	1 1/4"	2"
STEEL/ALUMINUM (1/8" MIN. THICKNESS)	#10 F-TYPE THREAD CUTTING SCREW	FULL	1/2"

- FASTENER NOTES:
- FASTENERS AT HINGE LOCATIONS ARE ANCHORED THRU THE HINGE, REPLACING ONE OF THE STANDARD HINGE SCREWS.
 - ALL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
 - DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS IN ACCORDANCE WITH FBC CHAPTERS 20 AND 23.
 - NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.

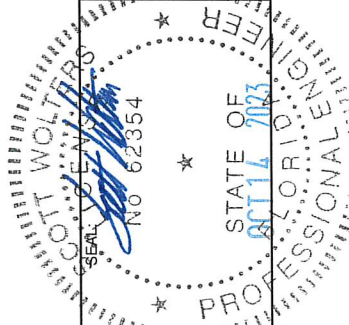


INSWING DETAILS ARE SHOWN,
OUTSWING DETAILS ARE SIMILAR.

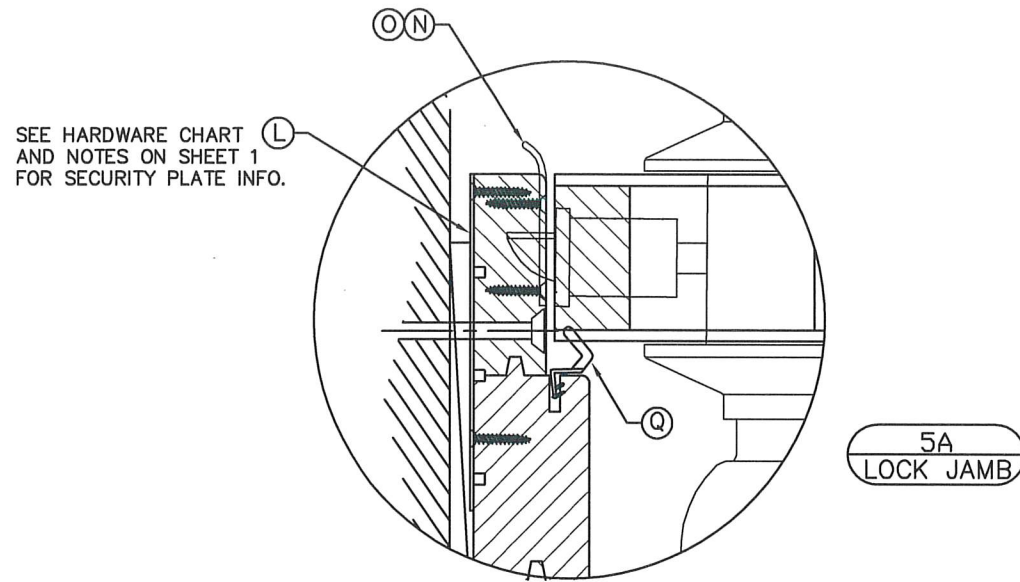


NON-IMPACT SINGLE GLAZED WOOD DOOR

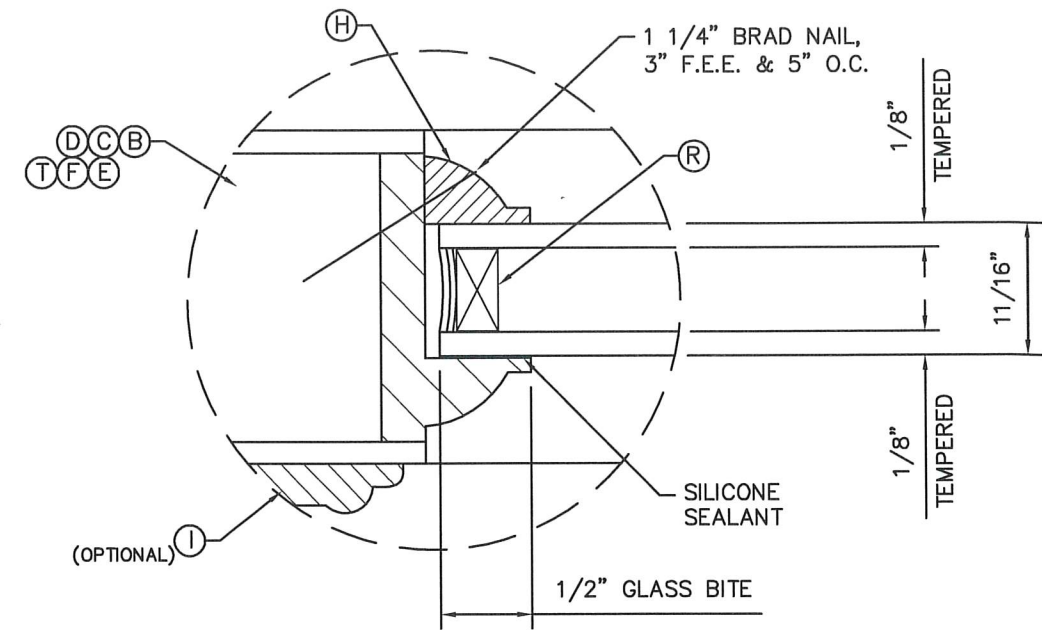
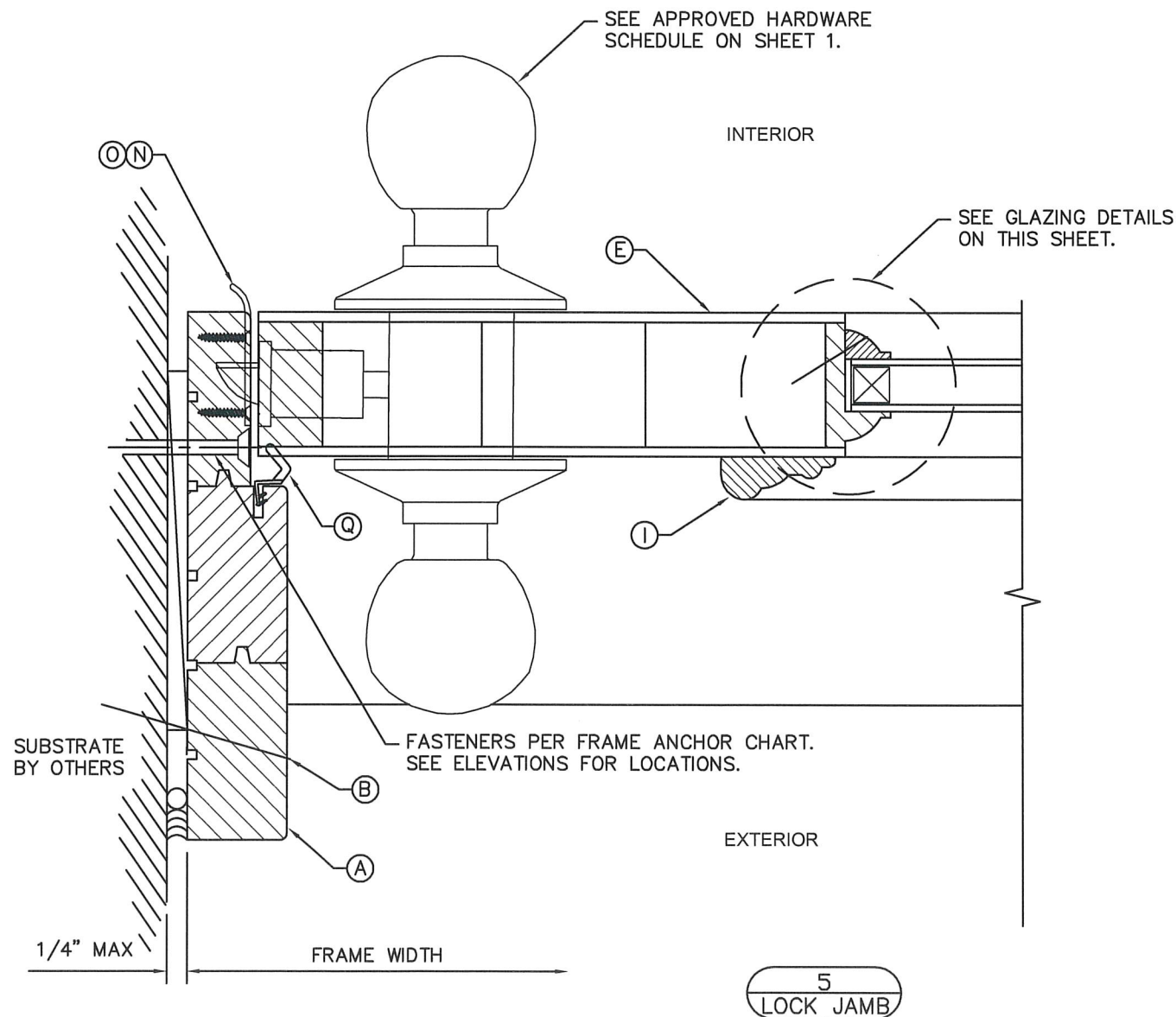
HOELSCHER WEATHERSTRIP MFG, INC.
10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064
PH: (713) 869-6466
FAX: (713) 861-2909
www.hoelscherweatherstrip.com



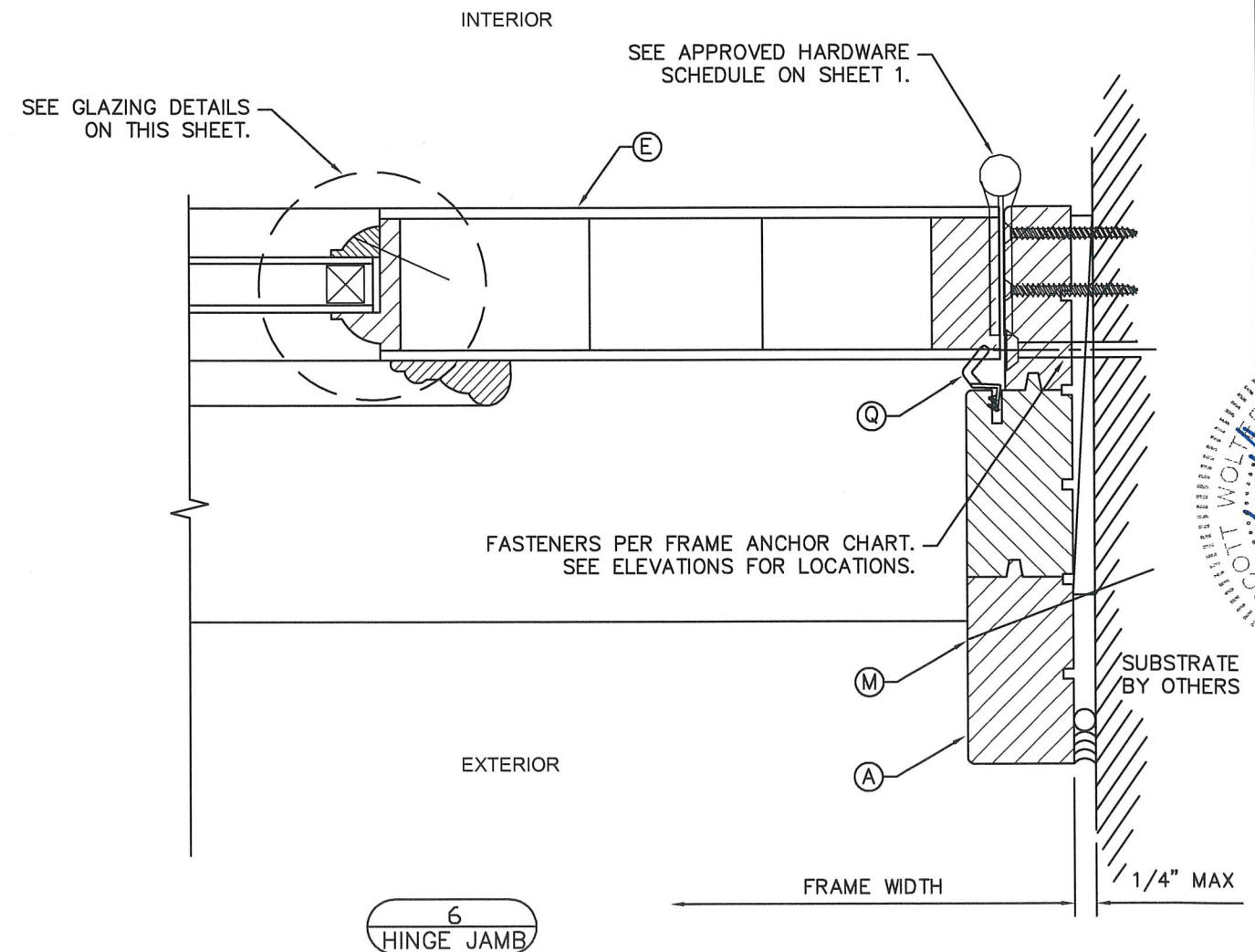
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982



INSWING DETAILS ARE SHOWN,
OUTSWING DETAILS ARE SIMILAR.



GLAZING DETAIL



NON-IMPACT SINGLE GLAZED WOOD DOOR

HOELSCHER WEATHERSTRIP MFG, INC.
#0111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064

PH: (713) 869-6466

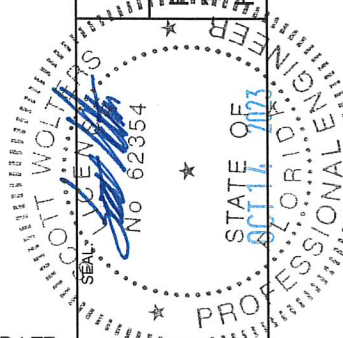
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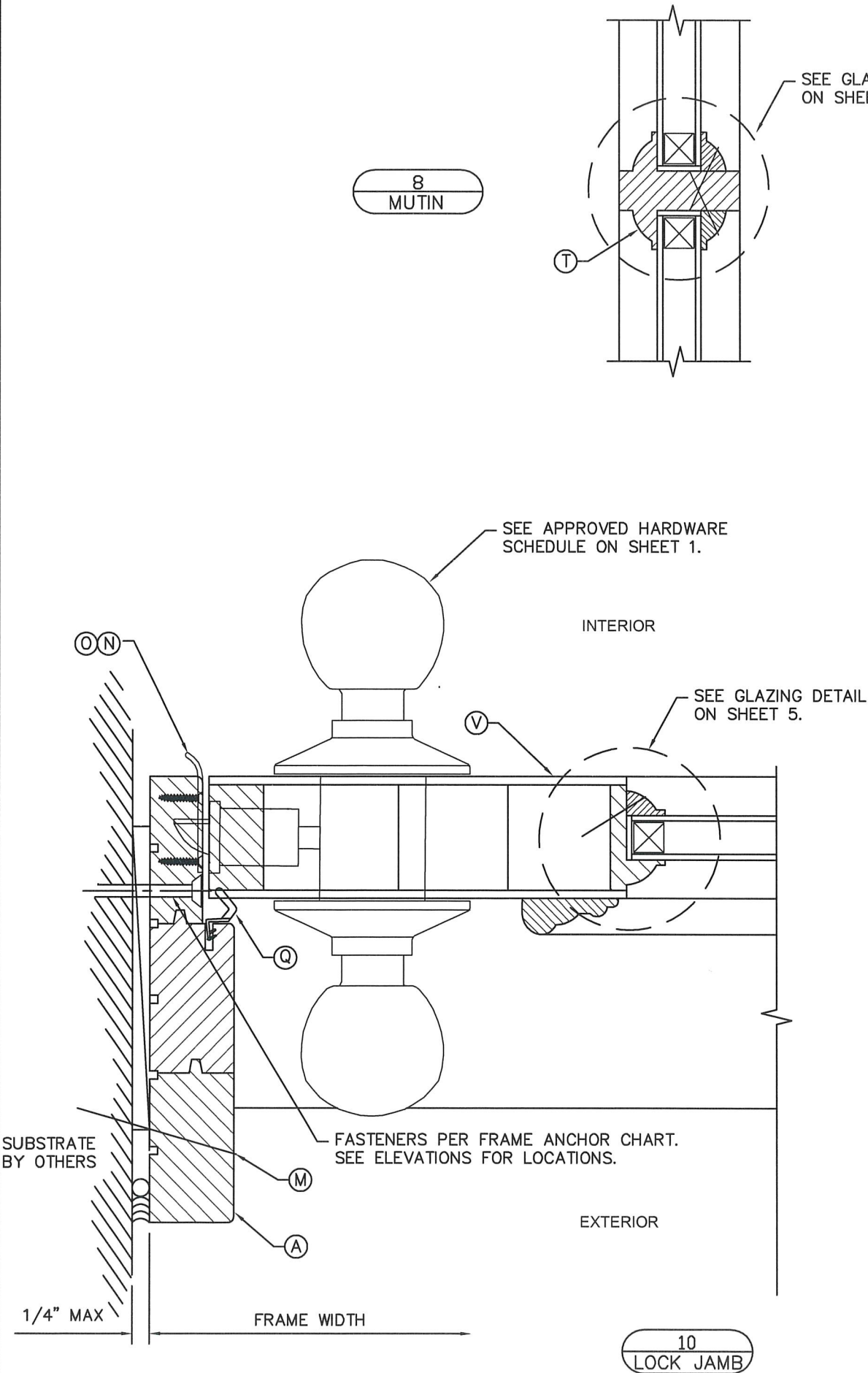
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SCOTT WOLTERS
FL PE# 62354

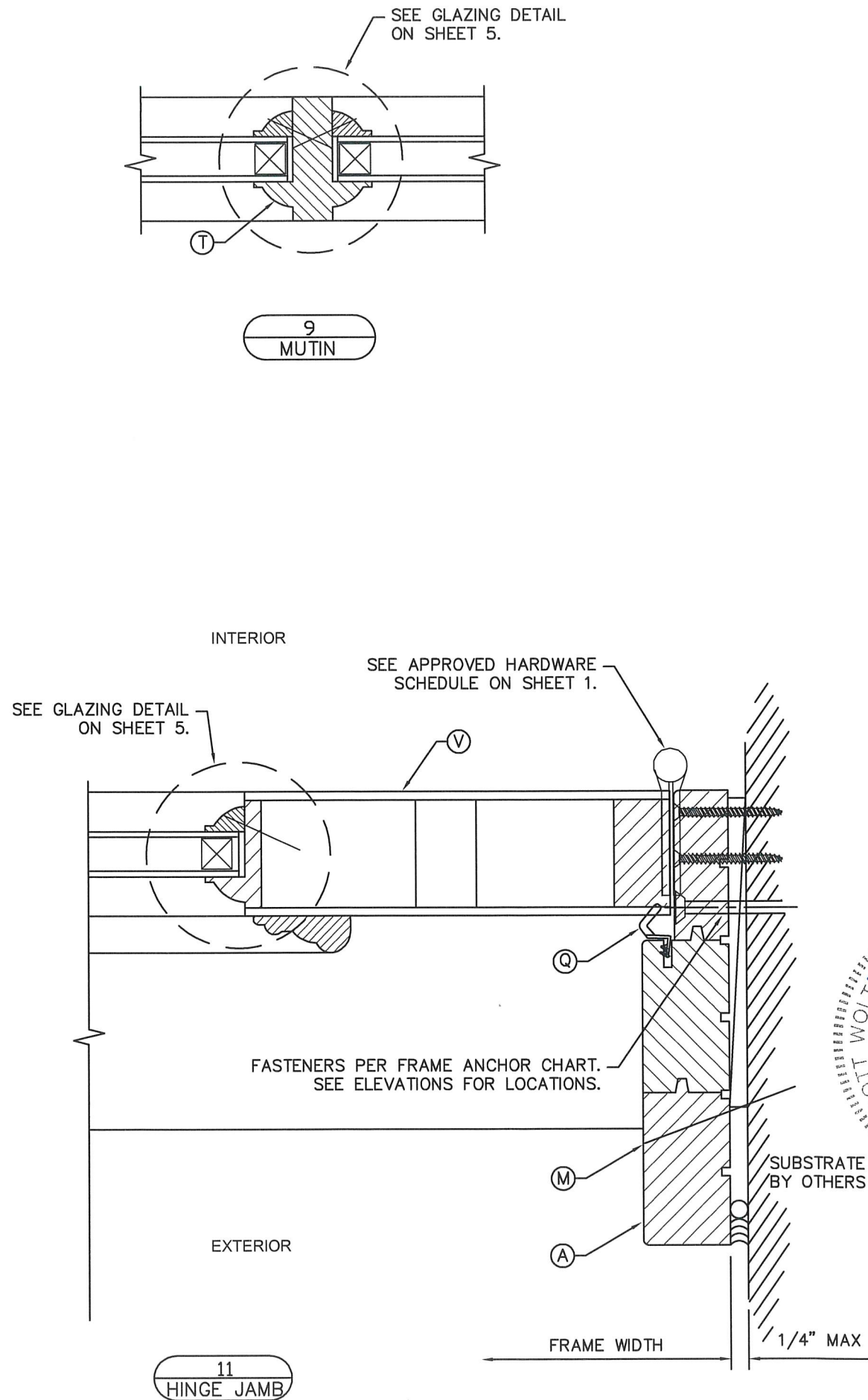
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

DWG: HWM-1
SHEET: 5/11





INSWING DETAILS ARE SHOWN,
OUTSWING DETAILS ARE SIMILAR.



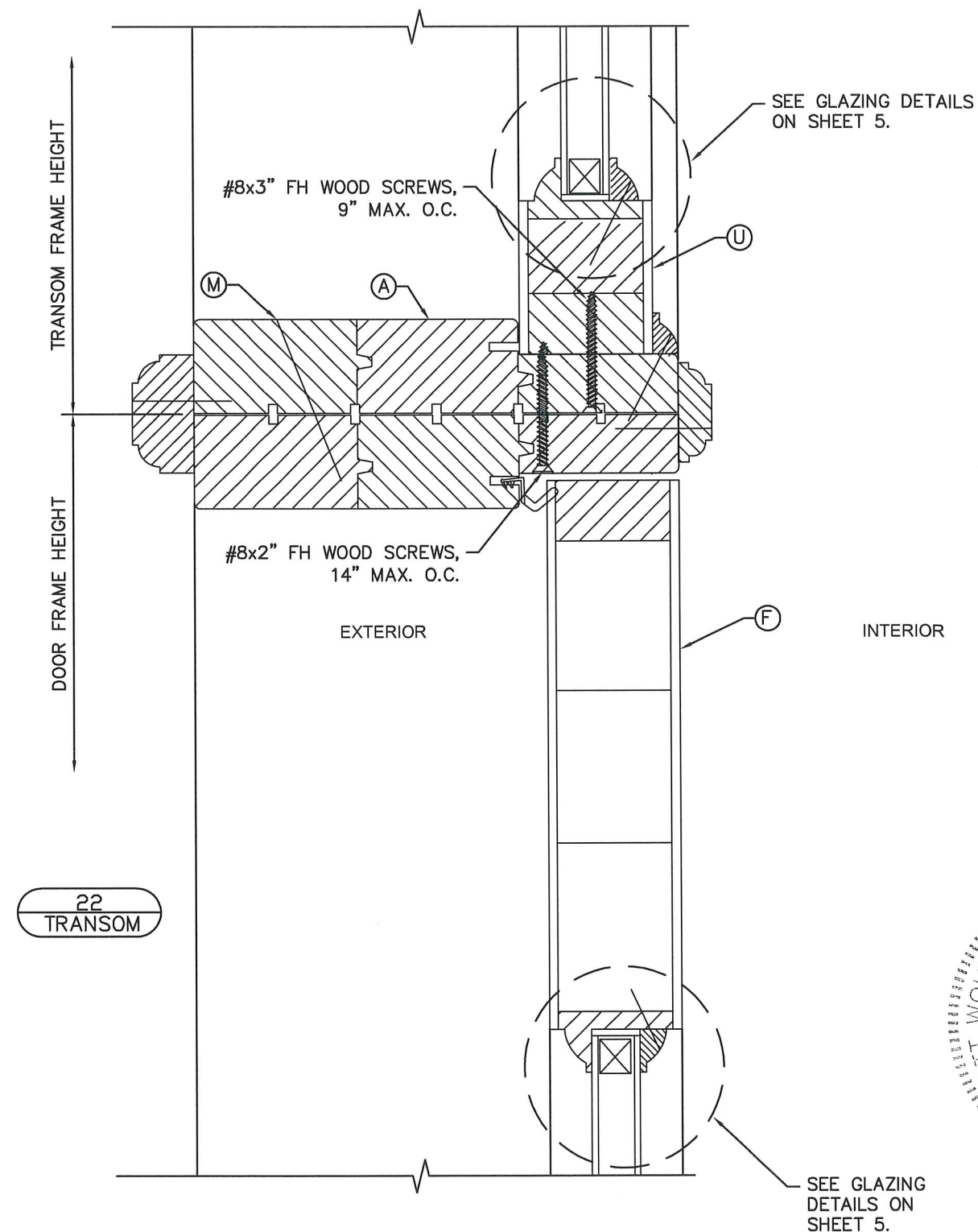
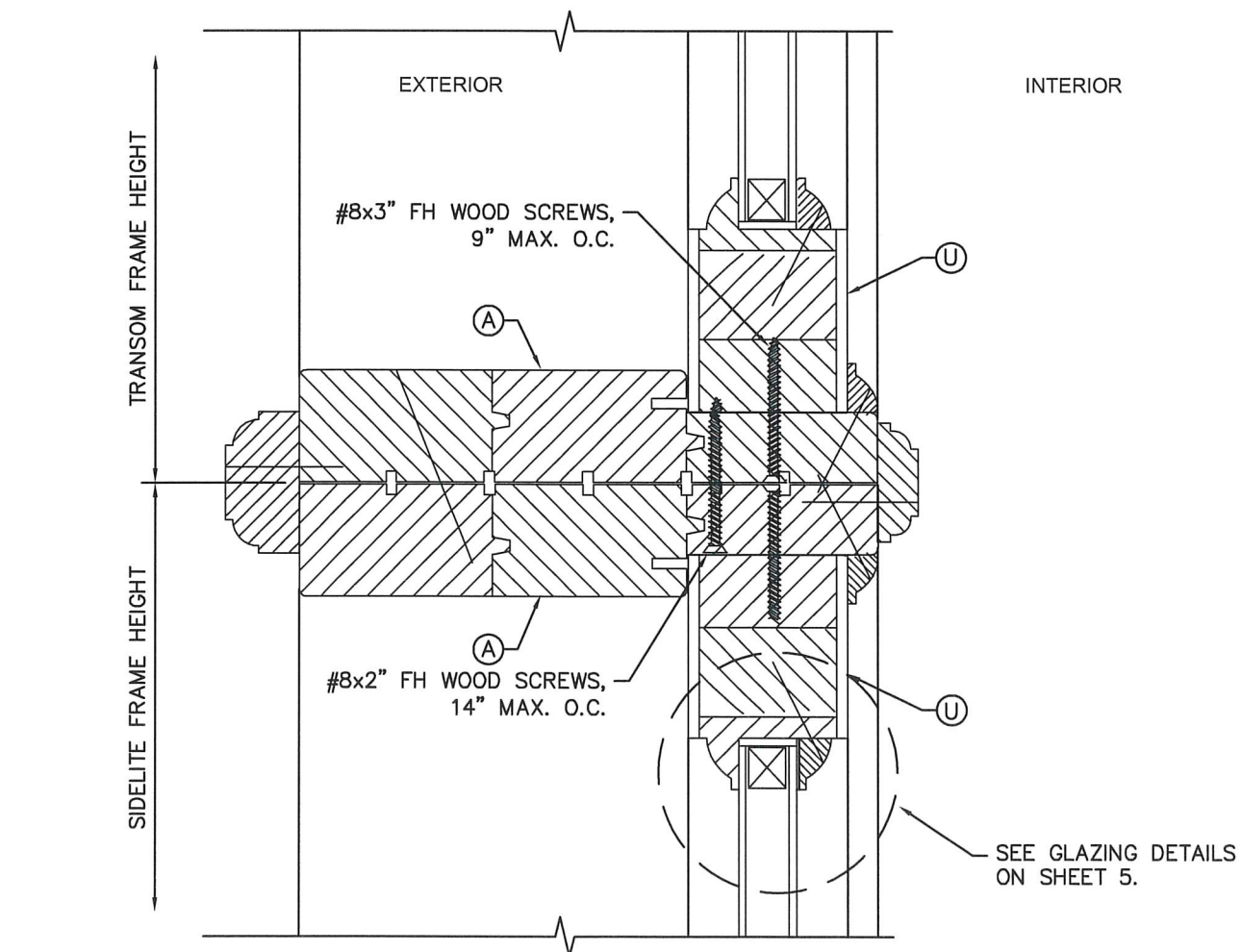
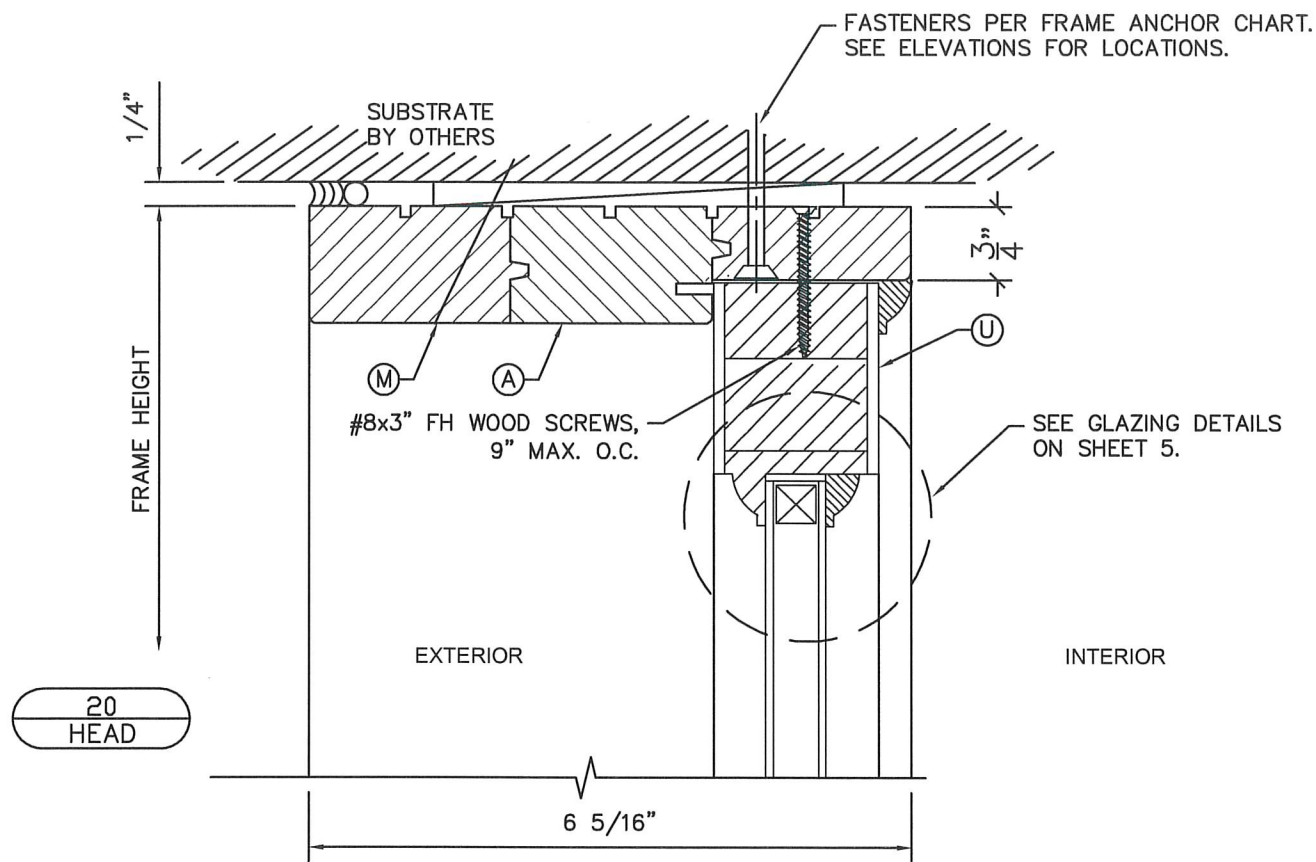
8
MUTIN

9
MUTIN

10
LOCK JAMB

11
HINGE JAMB

NON-IMPACT SINGLE GLAZED WOOD DOOR		PH: (713) 869-6466	6/8/20
HOELSCHER WEATHERSTRIP MFG, INC.		FAX: (713) 861-2909	8/30/13
10111 HOUSTON OAKS DRIVE		www.hoelscherweatherstrip.com	DATE
HOUSTON, TX 77064		PRINTS ISSUED FOR	REV.#
		DWG: HWM-1 SHEET: 6/11	



INSWING DETAILS ARE SHOWN,
OUTSWING DETAILS ARE SIMILAR.

NON-IMPACT SINGLE GLAZED WOOD DOOR

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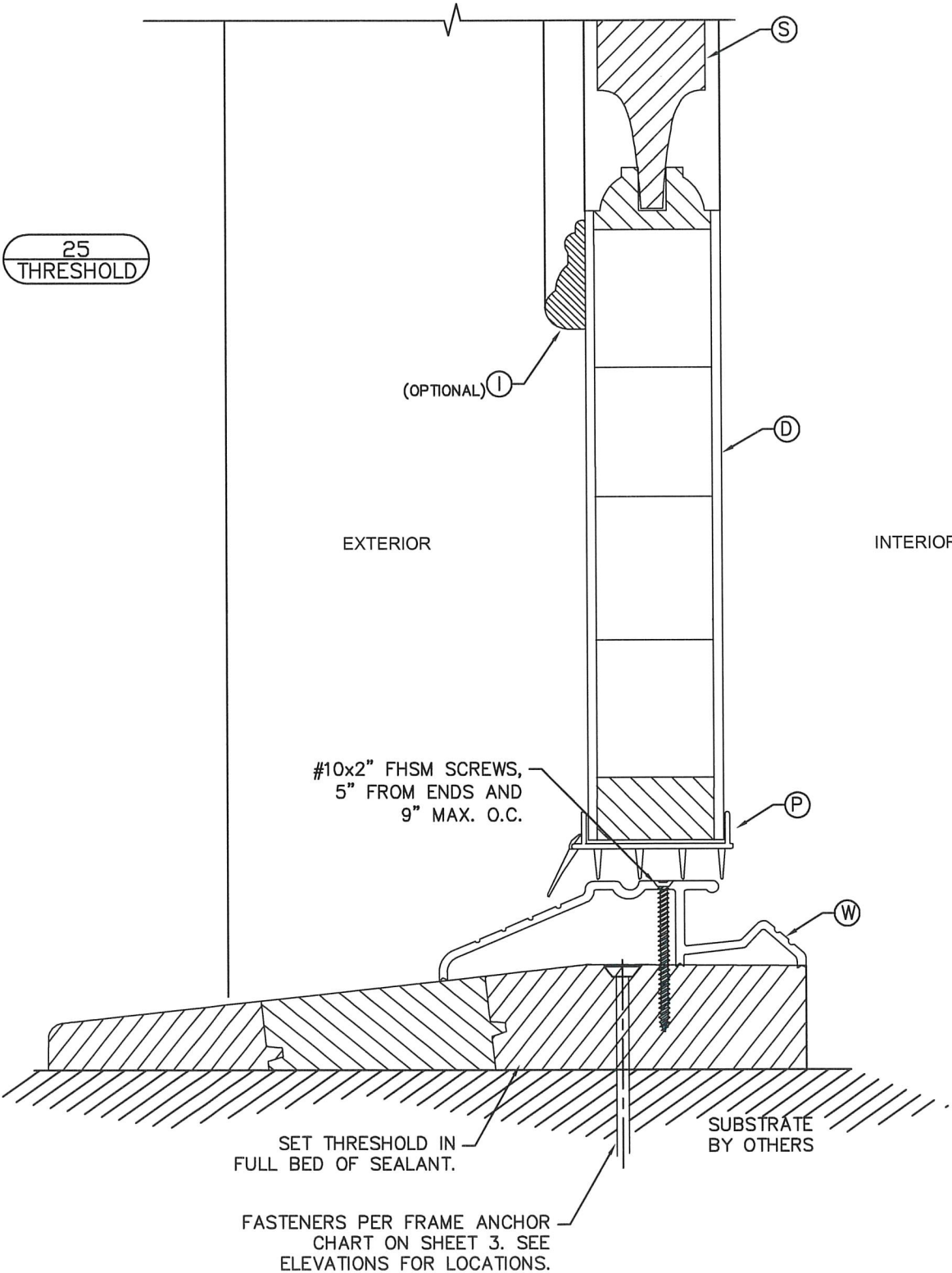
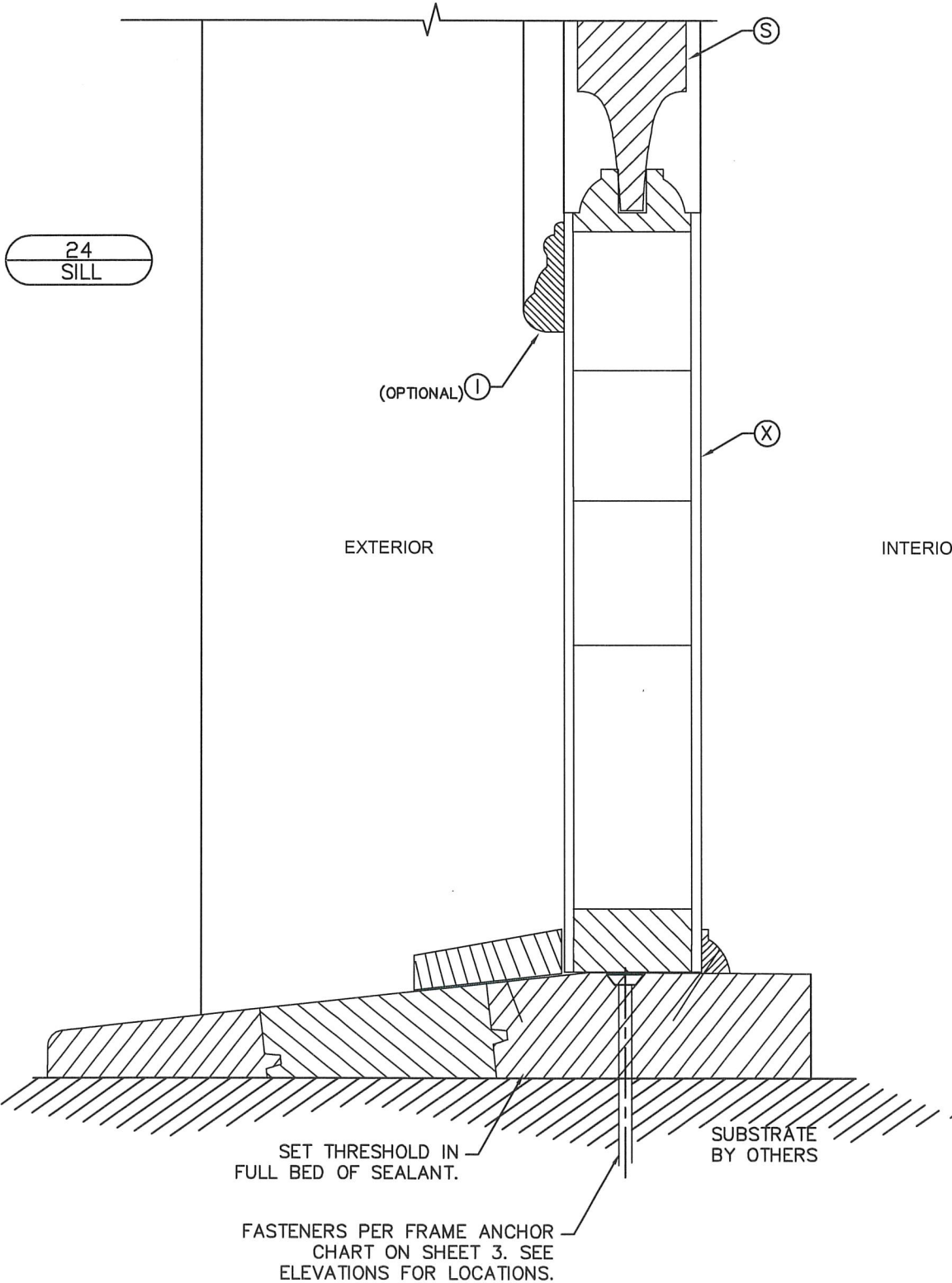
HOELSCHER WEATHERSTRIP MFG, INC.
19111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
(COA# 27184)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

DWG: HWM-1
SHEET: 7/11

REV#	DATE	PRINTS ISSUED FOR
1	6/8/20	SIDELITES/TRANSOM
2	8/30/13	1ST SUBMITTAL

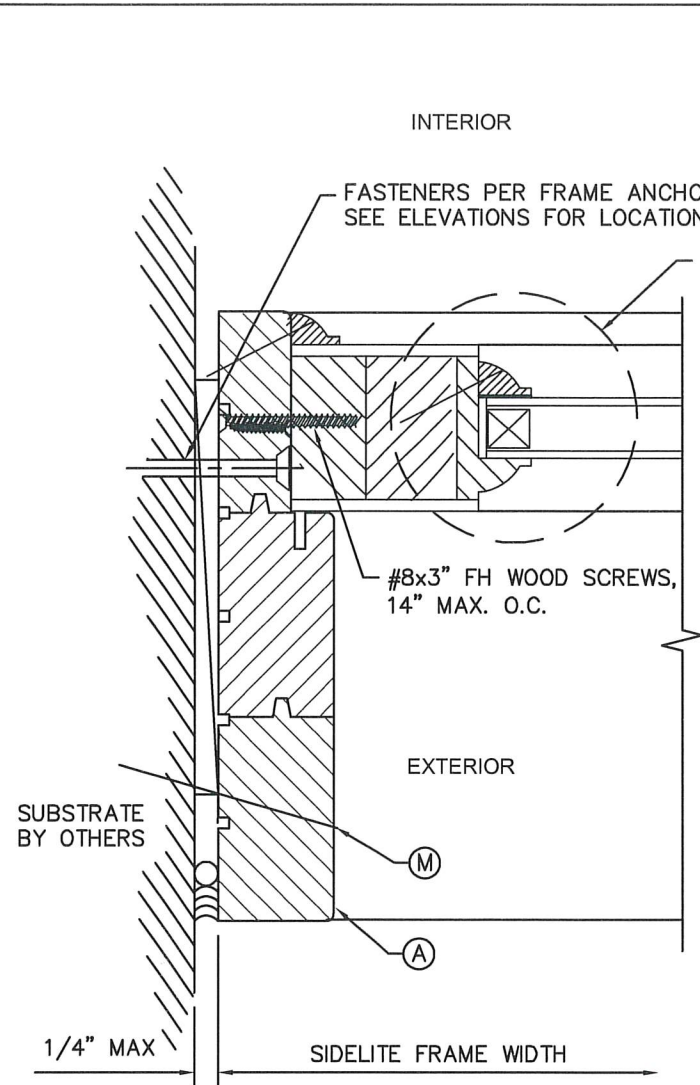
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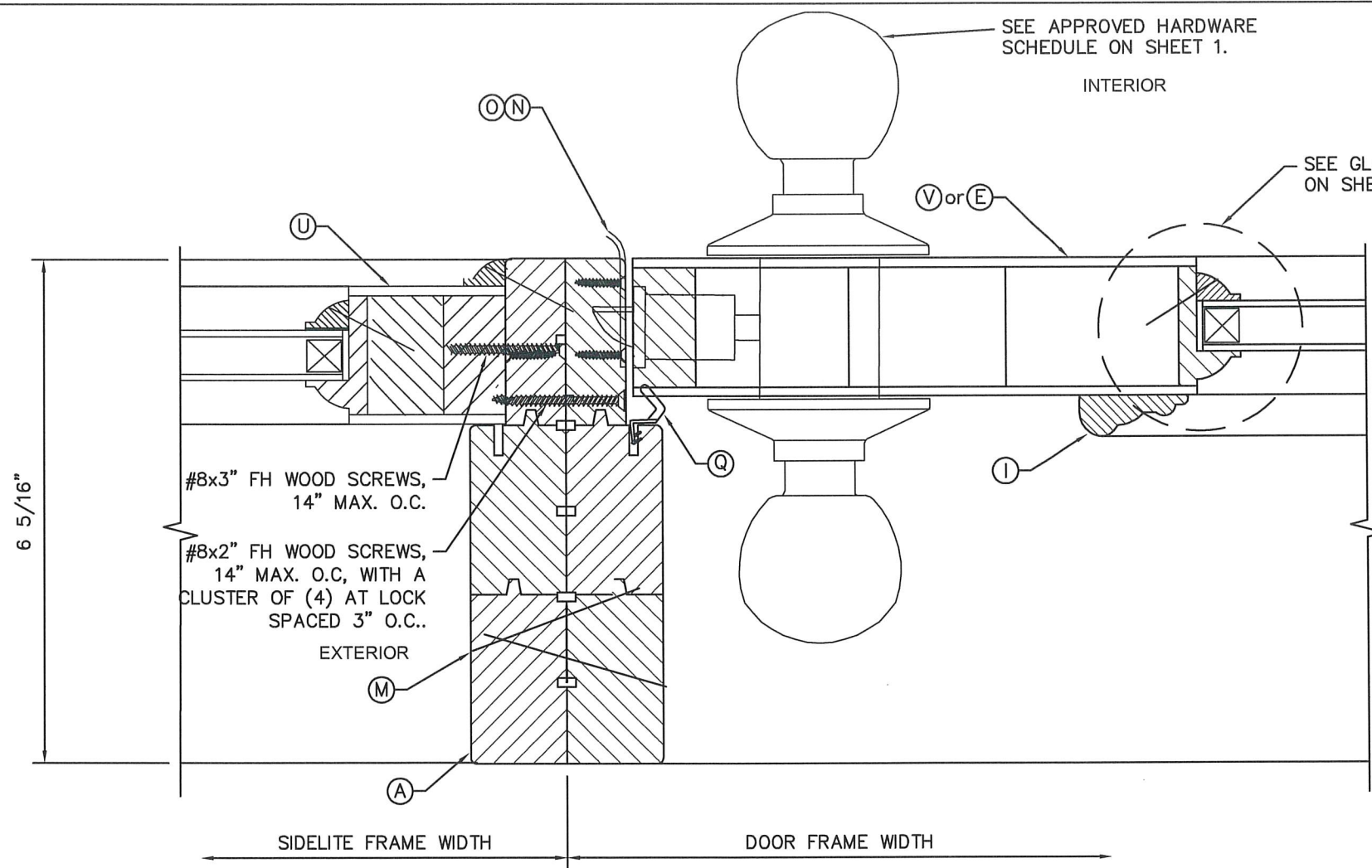
NON-IMPACT SINGLE GLAZED WOOD DOOR

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10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064
PH: (713) 869-6466
FAX: (713) 861-2909
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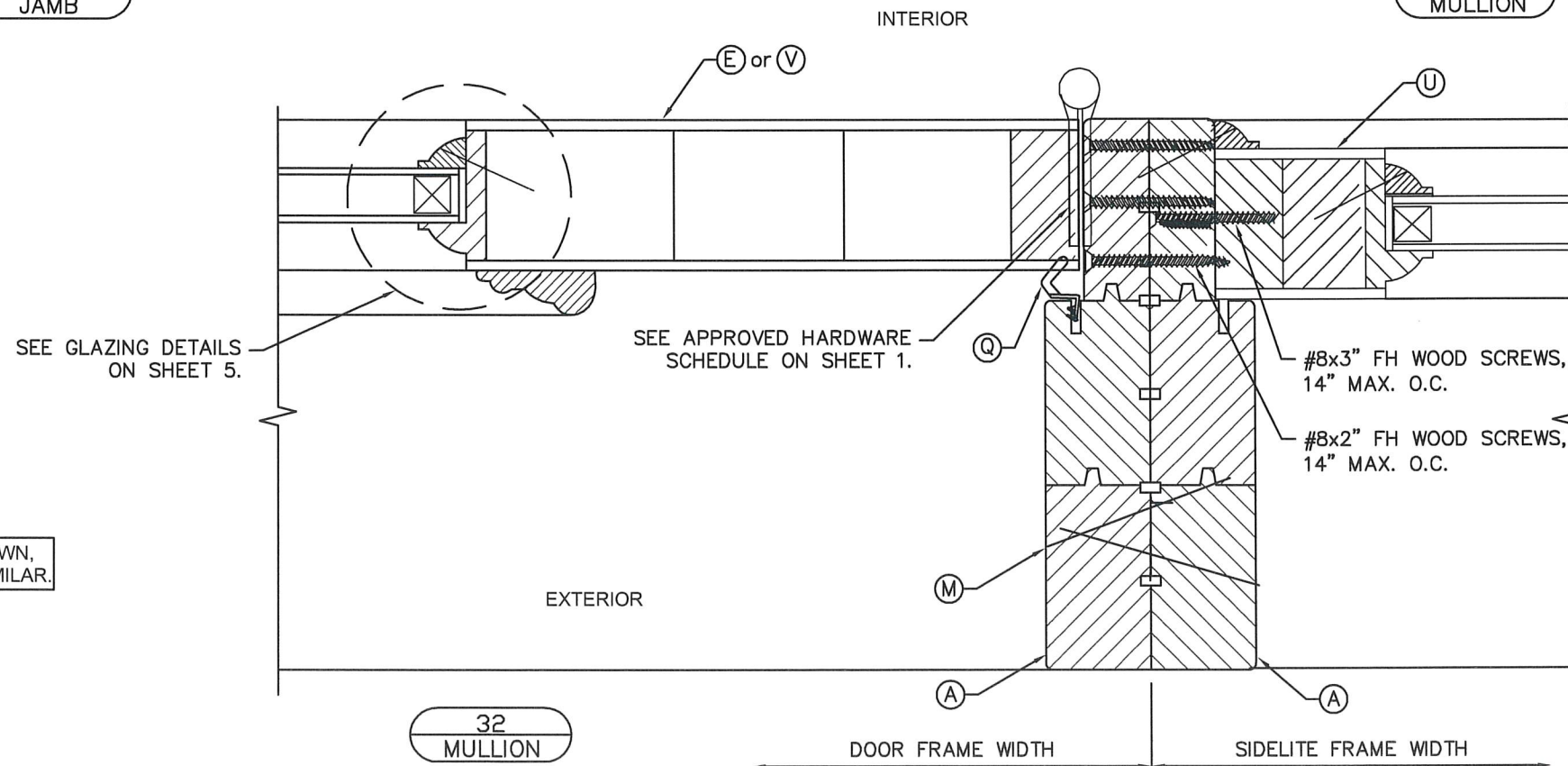
DWG:	HWM-1
SHEET:	8/11



30
JAMB



31
MULLION



32
MULLION

INSWING DETAILS ARE SHOWN,
OUTSWING DETAILS ARE SIMILAR.

REV.#	DATE	PRINTS ISSUED FOR	1ST SUBMITTAL	SIDELITES/TRANSOM	6/8/20	8/30/13
1						
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NON-IMPACT SINGLE GLAZED WOOD DOOR

HOELSCHER WEATHERSTRIP MFG, INC.
10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064

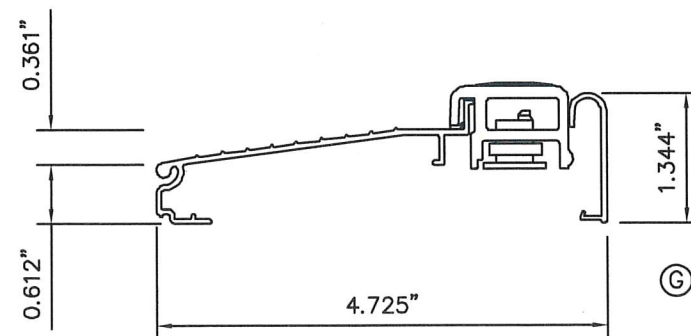
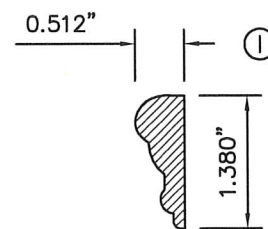
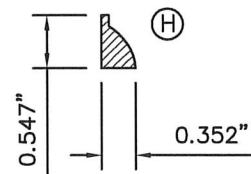
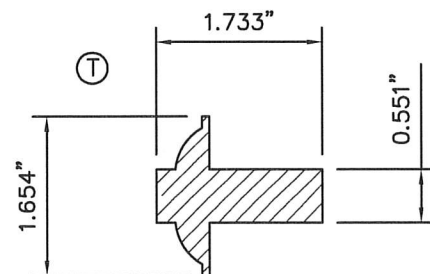
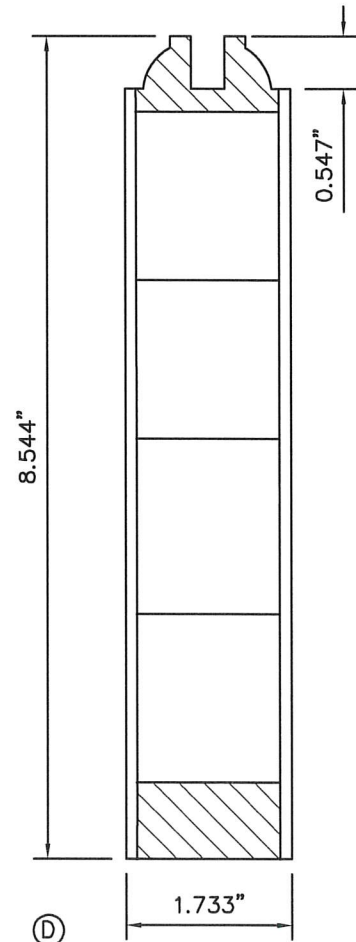
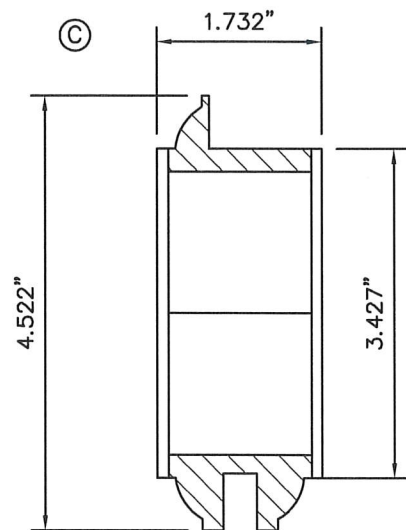
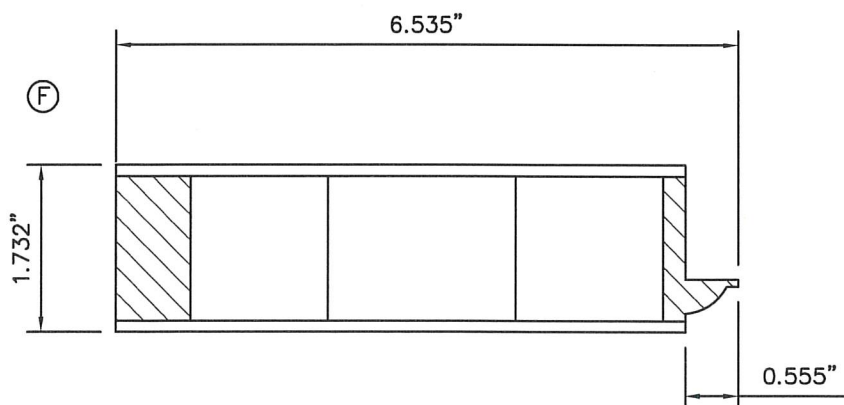
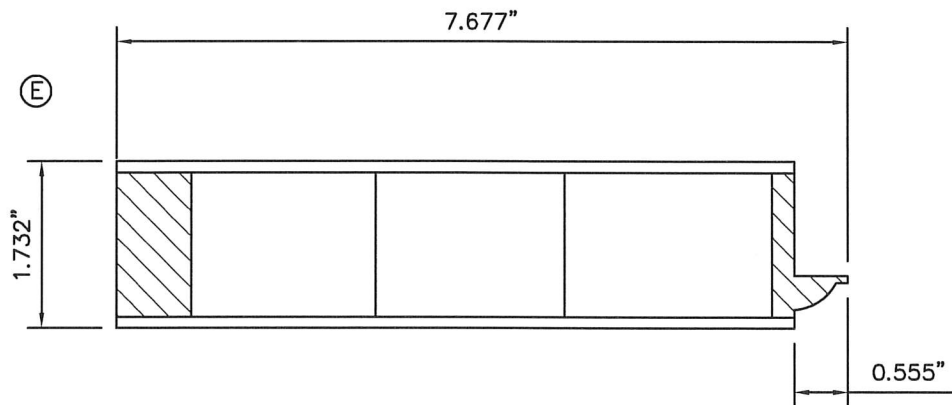
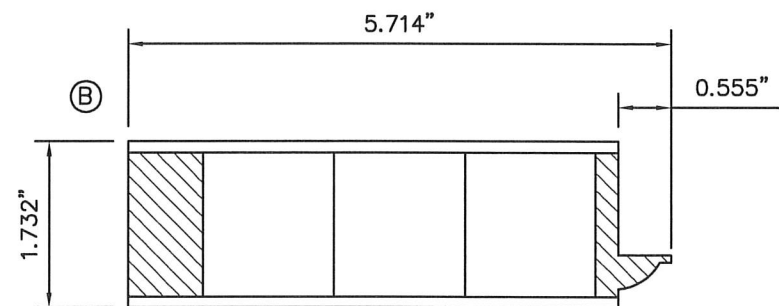
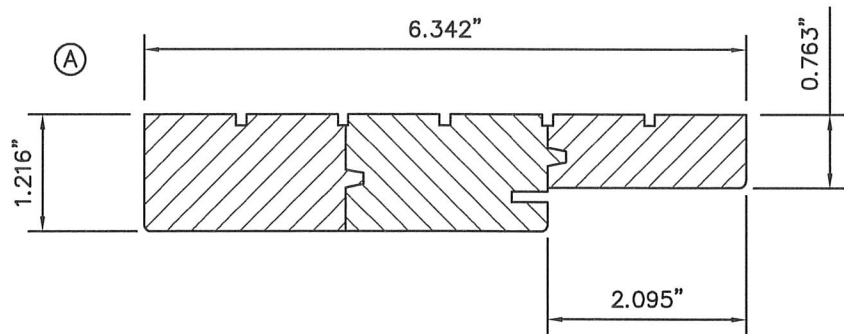
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FAX: (713) 861-2909
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SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD, N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1882

STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
No. 62354
Exp. 12/31/2023

DWG: **HWM-1**
SHEET: **9/11**



BILL OF MATERIALS				
MARK	PART DESCRIPTION	MATERIAL	MANUFACTURER	NOTES
A	FRAME HEAD/JAMB	FINGER JOINTED PINE (OR EQUAL)	HOELSCHER	S.G.=0.55, E=1.3x10 ⁶ psi (MIN)
B	TOP RAIL	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
C	MID-RAIL	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
D	BOTTOM RAIL	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
E	STILE	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
F	STILE	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
G	THRESHOLD	ALUMINUM		
H	GLAZING ADAPTOR	MAHOGANY OR KNOTTY ALDER	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
I	FLAT RAISED TRIM	MAHOGANY OR KNOTTY ALDER	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
J	HINGE		SGS HARDWARE	SEE HARDWARE SCHEDULE
K	LOCK		SCHLAGE/KWIKSET	SEE HARDWARE SCHEDULE
L	SECURITY PLATE	STEEL	ENDURA	SEE HARDWARE SCHEDULE
M	NAIL	STEEL		
N	LOCK STRIKE	STEEL	SCHLAGE/KWIKSET	SEE HARDWARE SCHEDULE
O	LATCH STRIKE	STEEL	SCHLAGE/KWIKSET	SEE HARDWARE SCHEDULE
P	BOTTOM DOOR WEATHERING	NEOPRENE		
Q	WEATHERSTRIP	NEOPRENE		
R	ALUMINUM SPACER	ALUMINUM	CARDINAL IG	
S	WOOD PANEL	MAHOGANY OR KNOTTY ALDER	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
T	MUTIN	MAHOGANY OR KNOTTY ALDER	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
U	RAIL/STILE	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
V	STILE	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
W	THRESHOLD	ALUMINUM		
X	BOTTOM RAIL	MAHOGANY OR KNOTTY ALDER*	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)

* DOOR STILES AND RAILS ARE CONSTRUCTED FROM MAHOGANY OR KNOTTY ALDER VENEERS GLUED TO MERANTI TIMBER CORES USING D4 TYPE EPI ADHESIVE.

NON-IMPACT SINGLE GLAZED WOOD DOOR

HOELSCHER WEATHERSTRIP MFG, INC.
10111 HOUSTON OAKS DRIVE
HOUSTON, TX 77064

PH: (713) 869-6466

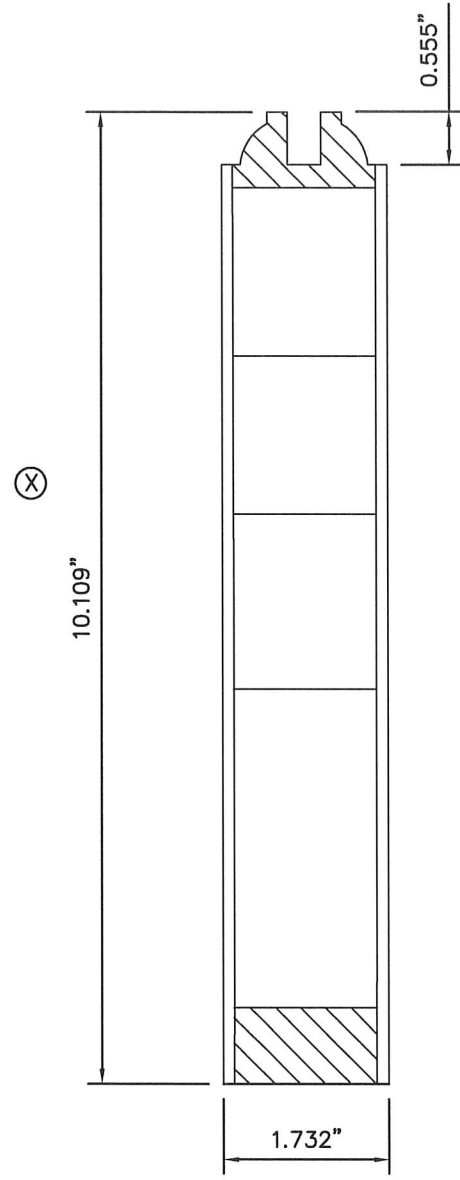
FAX: (713) 861-2909

www.hoelscherweatherstrip.com

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(CO# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

DWG: HWM-1
SHEET: 10/11



PH: (713) 869-6466
FAX: (713) 861-2909
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