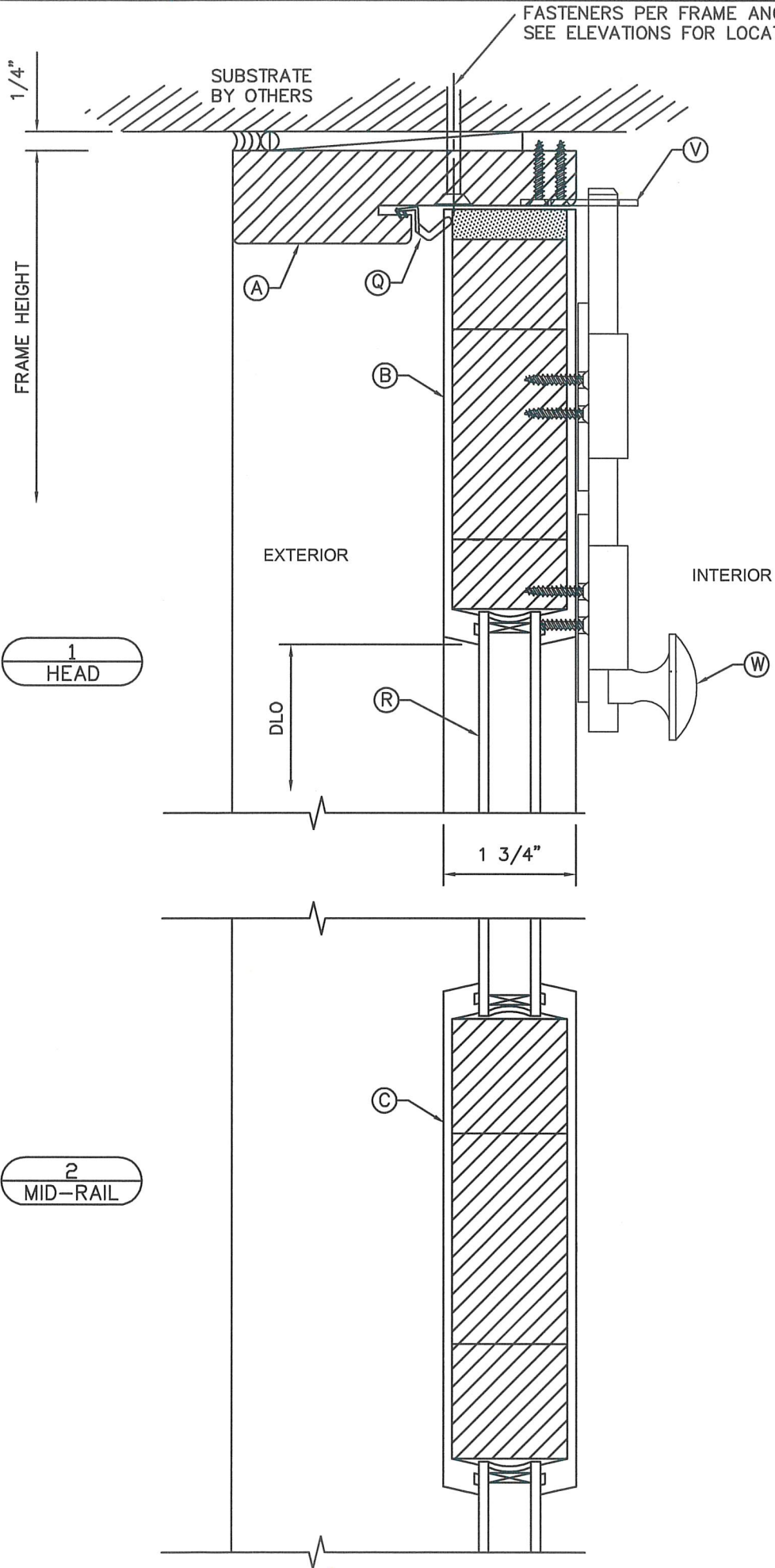
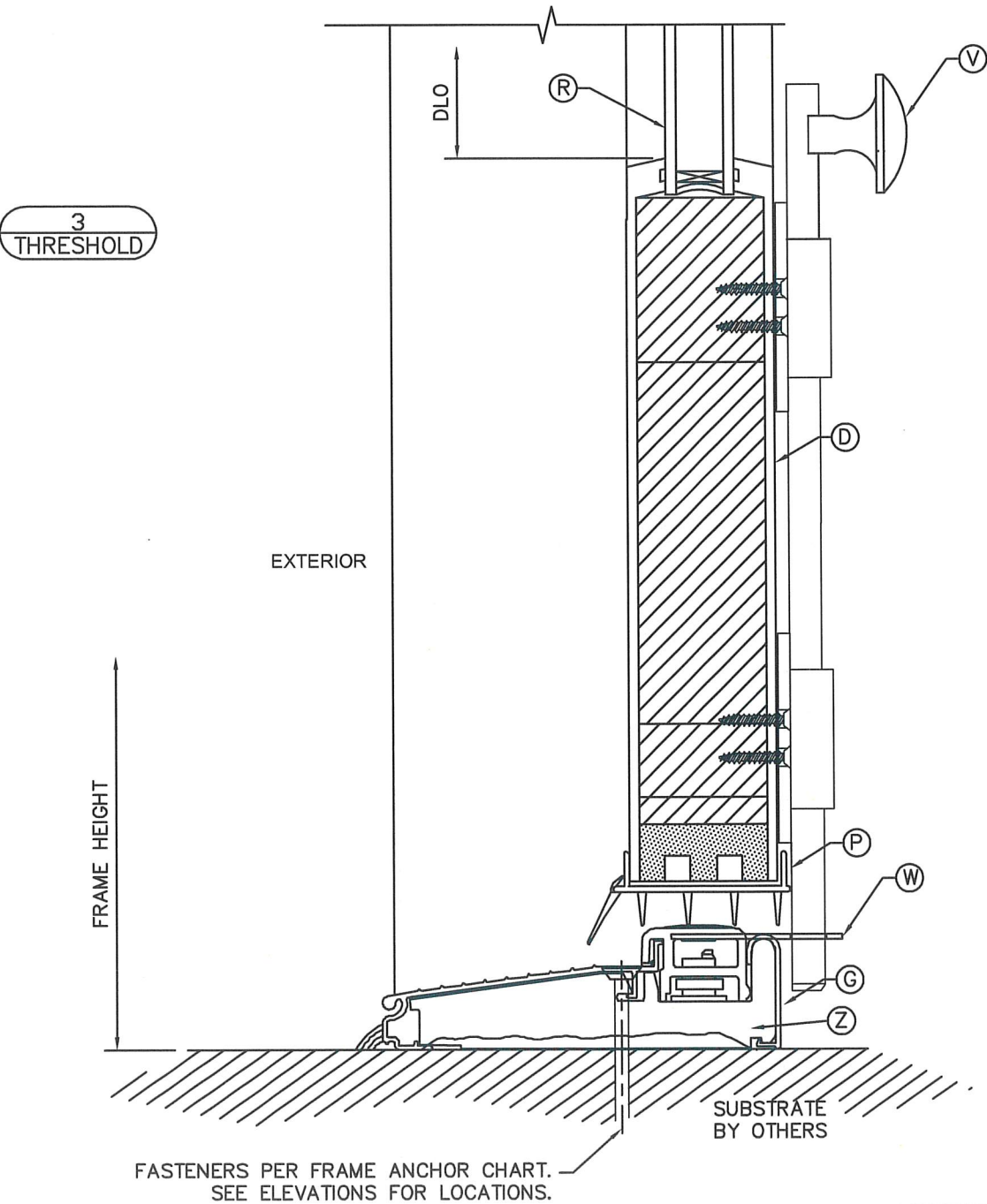




FRAME ANCHOR CHART			
SUBSTRATE	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
WOOD - 2x MIN. (S.G.=0.55,E=1.3x10 ⁶ psi (MIN))	#10 x 2 1/2" WOOD SCREW	1 3/8"	3/4"
CONCRETE (3000 psi MIN)	3/16" DIA. TAPCON (DIRECT OR THRU 1x WOOD BUCK)	1 1/4"	1 7/8"
GROUT-FILLED CMU (ASTM C90 MIN)	3/16" DIA. TAPCON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



SINGLE FIBERGLASS PANEL DOOR (NON-IMPACT)

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

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

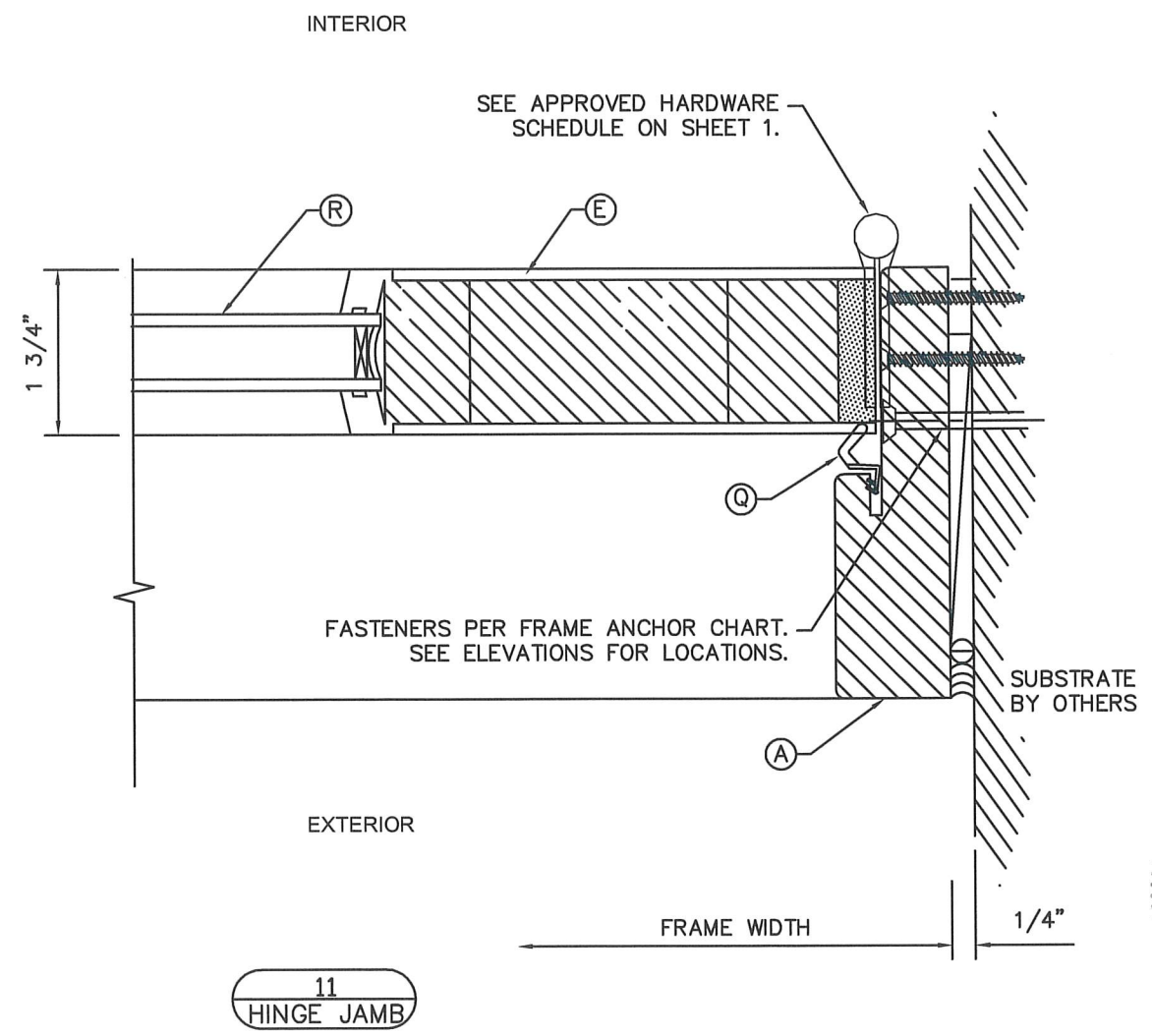
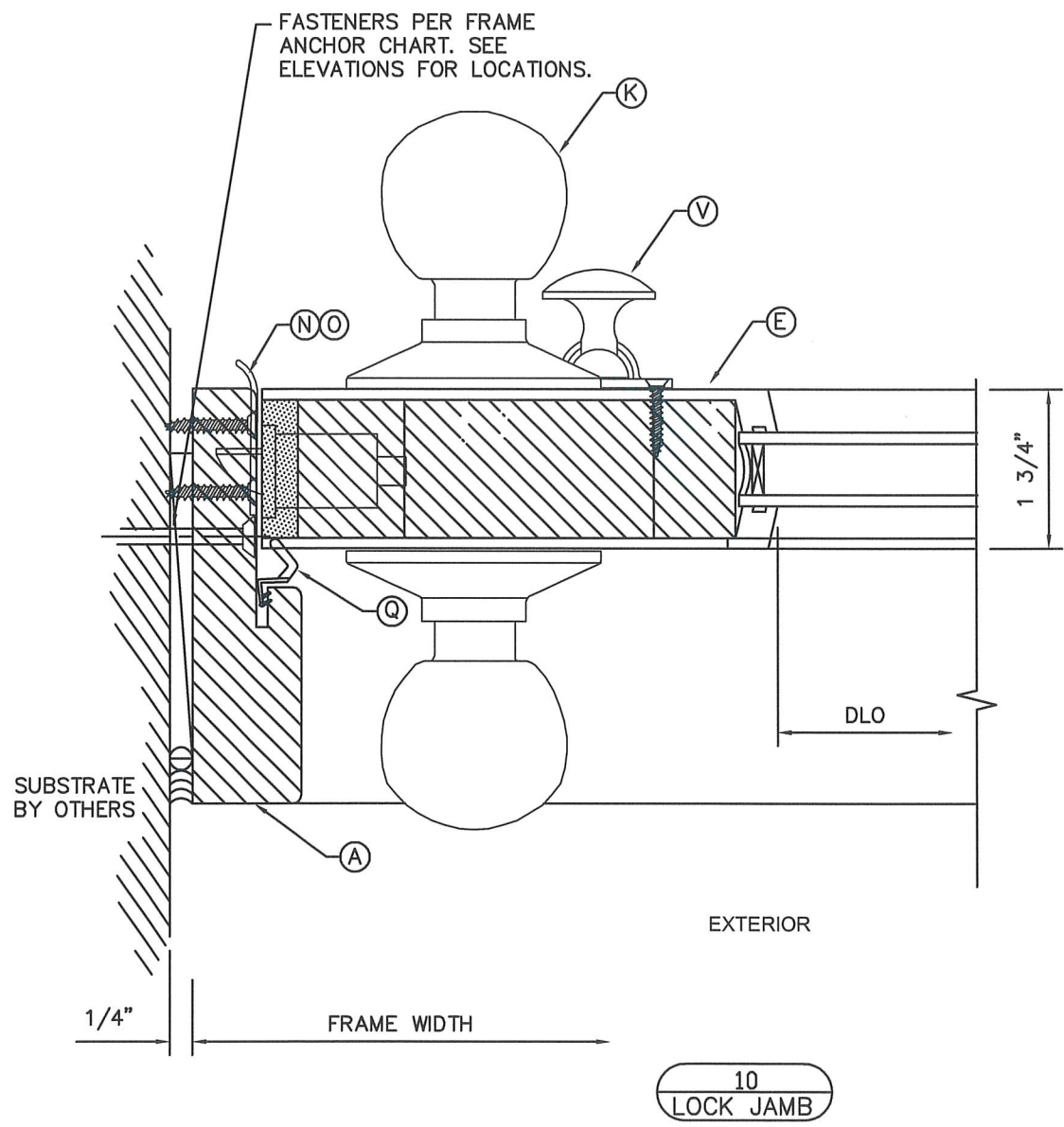
www.hoelscherweatherstrip.com

SCOTT WOLTERS
FL PE# 62354

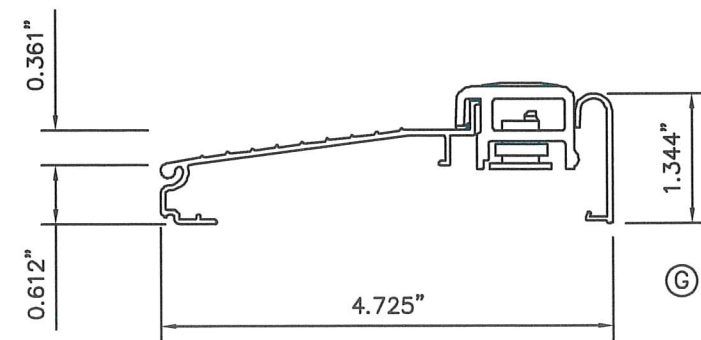
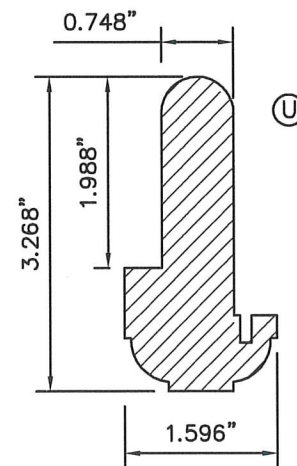
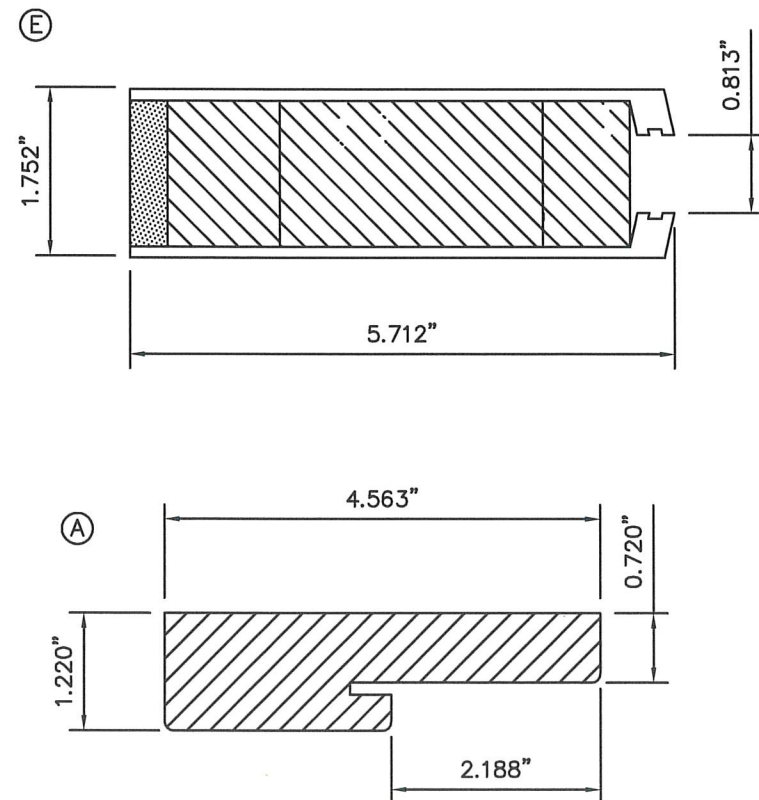
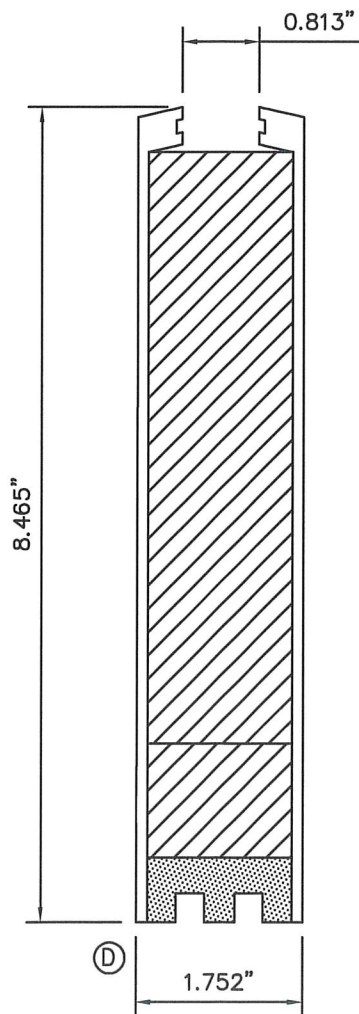
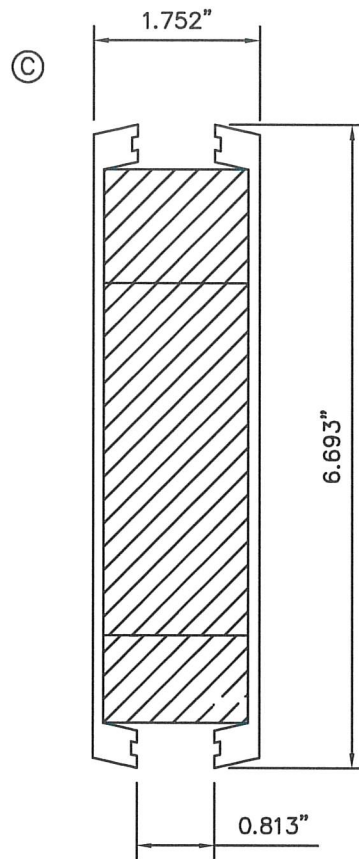
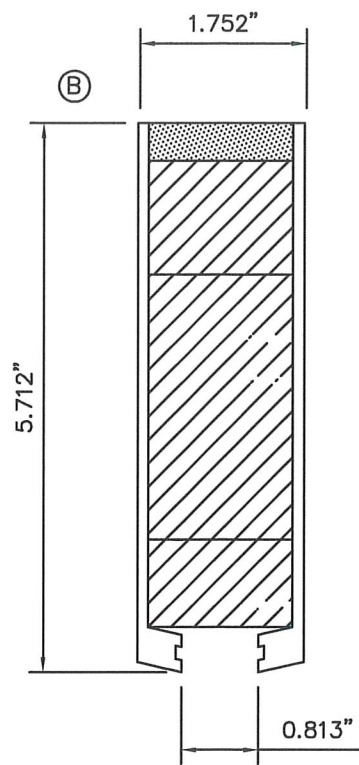
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

DWG: HWMF-4
SHEET: 2/4

STATE OF
FLORIDA
FEB 14 2025



SCOTT WOLTERS FL PE# 62354		SINGLE FIBERGLASS PANEL DOOR (NON-IMPACT)		REV#		DATE	
WOLTERS ENGINEERING (COAF# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX: (561) 225-1982		HOELSCHER WEATHERSTRIP MFG, INC. 10111 HOUSTON OAKS DRIVE HOUSTON, TX 77064 www.hoelscherweatherstrip.com		1ST SUBMITTAL		2/13/25	
DWG: HWMF-4		PH: (713) 869-6466 FAX: (713) 861-2909		PRINTS ISSUED FOR		REV#	
SHEET: 3/4							



BILL OF MATERIALS				
MARK	PART DESCRIPTION	MATERIAL	MANUFACTURER	NOTES
A	FRAME HEAD/JAMB	MAHOGANY OR KNOTTY ALDER	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
B	TOP RAIL	FIBERGLASS COMPOSITE RAIL	HOELSCHER	SEE NOTES BELOW
C	MID-RAIL	FIBERGLASS COMPOSIT RAIL	HOELSCHER	SEE NOTES BELOW
D	BOTTOM RAIL	FIBERGLASS COMPOSIT RAIL	HOELSCHER	SEE NOTES BELOW
E	STILE	FIBERGLASS COMPOSITE STILE	HOELSCHER	SEE NOTES BELOW
G	THRESHOLD	ALUMINUM		
J	HINGE	STEEL	SGS HARDWARE	SEE HARDWARE SCHEDULE
K	LOCK	STEEL	SCHLAGE/KWIKSET	SEE HARDWARE SCHEDULE
L	SECURITY PLATE	STEEL	ENDURA	SEE HARDWARE SCHEDULE
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	MD PLASTIC	
R	13/16" INSULATED GLASS	1/8" TEMPERED LITES WITH BUTYL SPACER	CARDINAL IG	
U	ASTRAGAL	MAHOGANY OR KNOTTY ALDER	HOELSCHER	S.G.=0.47, E=1.38x10 ⁶ psi (MIN)
V	SURFACE BOLT	STEEL	DELTANA	SEE HARDWARE SCHEDULE
W	SURF. BOLT STRIKE PLATE	STEEL	DELTANA	SEE HARDWARE SCHEDULE
X	FLUSH BOLT	STEEL	CAL-ROYAL	SEE HARDWARE SCHEDULE
Y	FLUSH BOLT STRIKE PLATE	STEEL	CAL-ROYAL	SEE HARDWARE SCHEDULE

DOOR STILE AND RAIL CONSTRUCTION:

SKINS - 2mm FIBERGLASS SHEET MOLDING COMPOUND
(DENSITY = 118.6 lb/ft³ (±1.25))

SKINS ARE GLUED OVER:
CORE - 1 3/4" LVL (S.G.= 0.50 min)
EDGE STRIP - 1 3/4"x1/2" PVC (DENSITY = 50 lb/ft³)

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