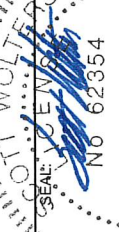


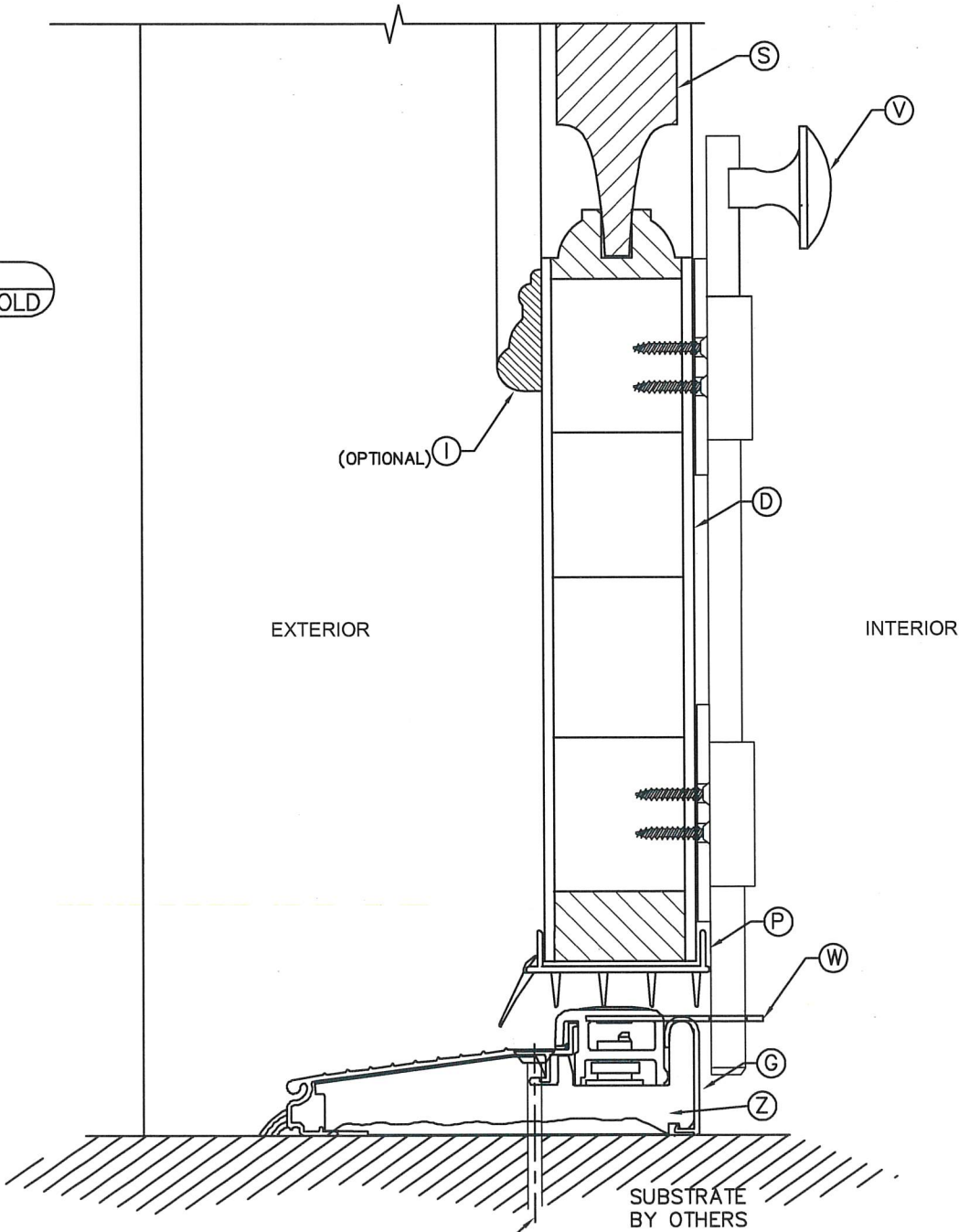
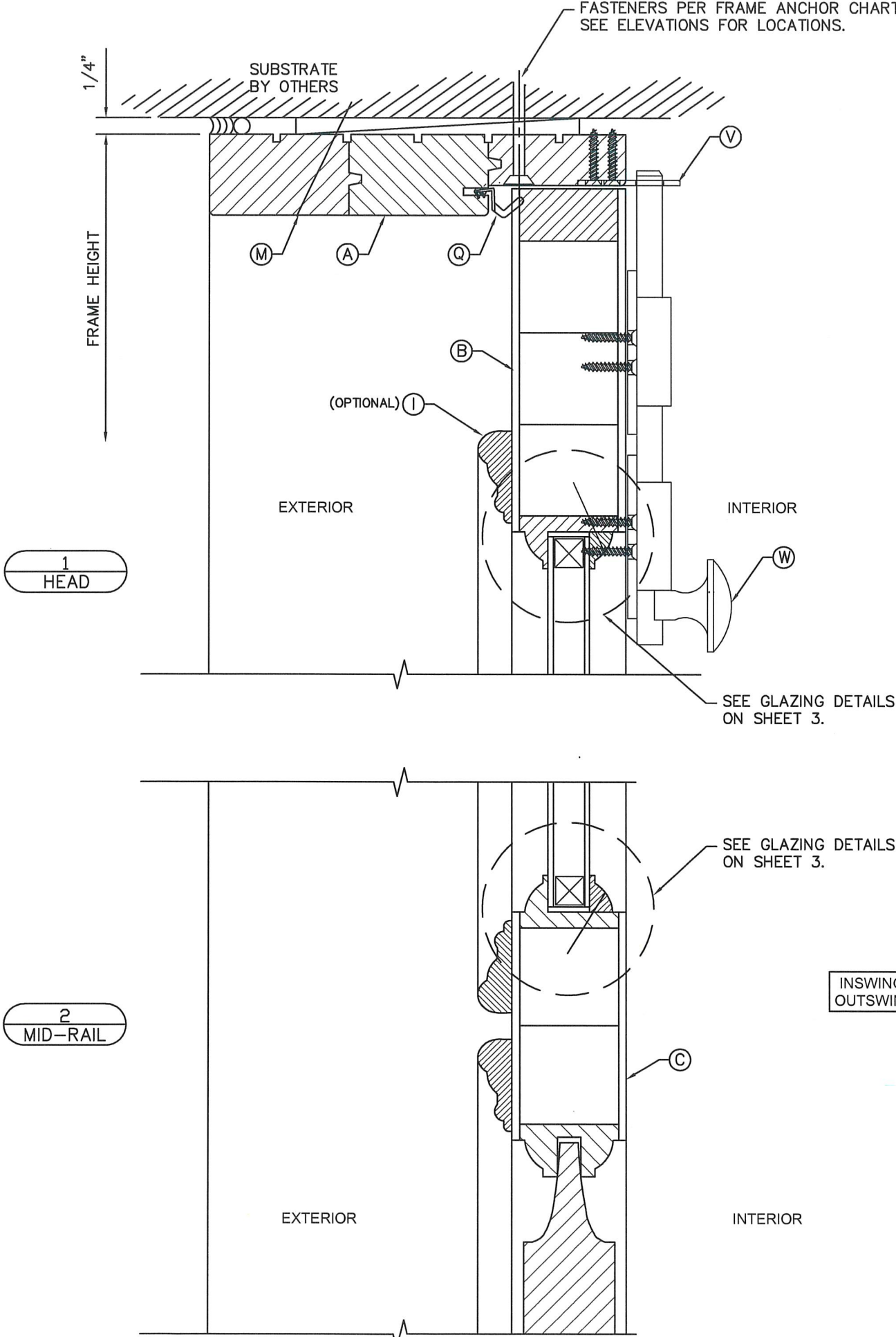
SWING: DOORS MAY BE INSTALLED AS INSWING OR OUTSWING.

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.  $C_d=1.6$  WAS USED FOR WOOD SCREWS ONLY.

|                                                                                       |                                                                                                                 |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|  |                                                                                                                 |
| SCOTT WOLTERS<br>FL PE# 62354                                                         | WOLTERS ENGINEERING<br>(COA# 27194)<br>15211 97TH ROAD N<br>WEST PALM BEACH, FL 33412<br>PH/FAX: (561) 225-1982 |
| DWG:                                                                                  | <b>HWM-2</b>                                                                                                    |
| SHEET:                                                                                | <b>1/5</b>                                                                                                      |

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



NON-IMPACT DOUBLE GLAZED WOOD DOOR

HOELSCHER WEATHERSTRIP MFG, INC.

10111 HOUSTON OAKS DRIVE

HOUSTON, TX 77064

PH: (713) 869-6466

FAX: (713) 861-2909

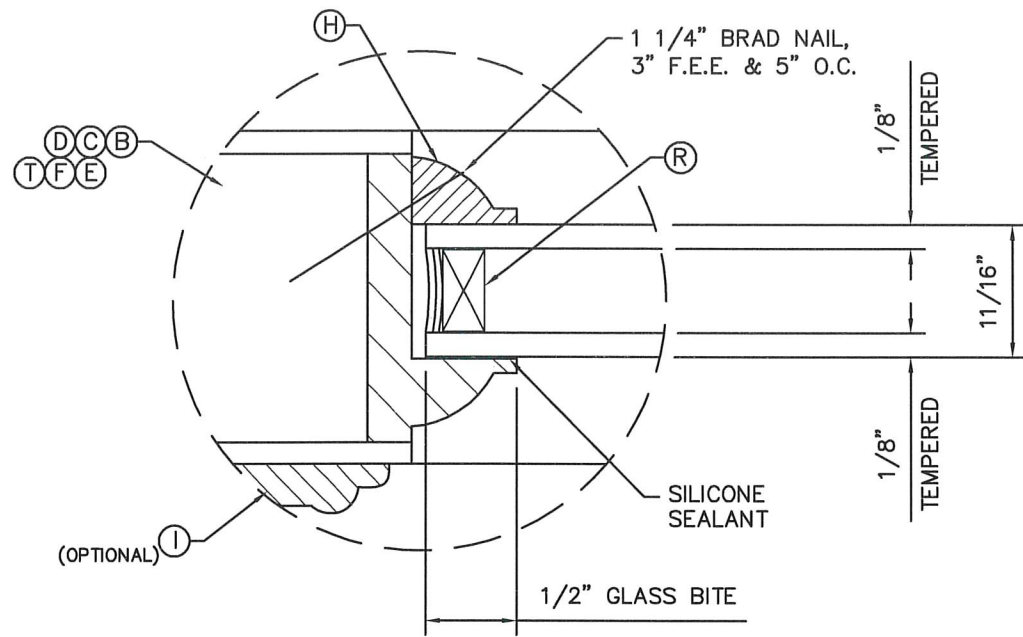
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SCOTT WOLTERS  
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WOLTERS ENGINEERING  
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WEST PALM BEACH, FL 33412  
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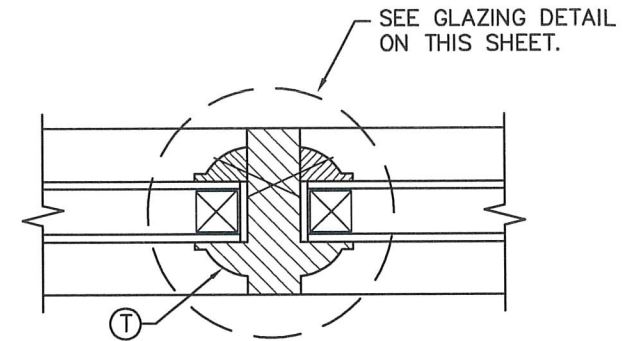
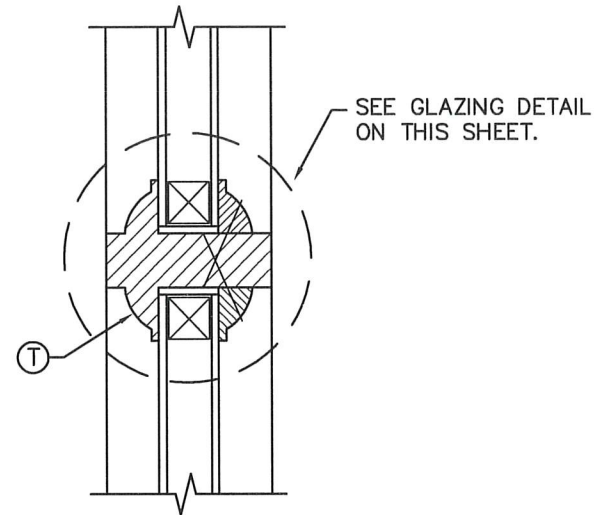
DWG: HWM-2

SHEET: 2/5



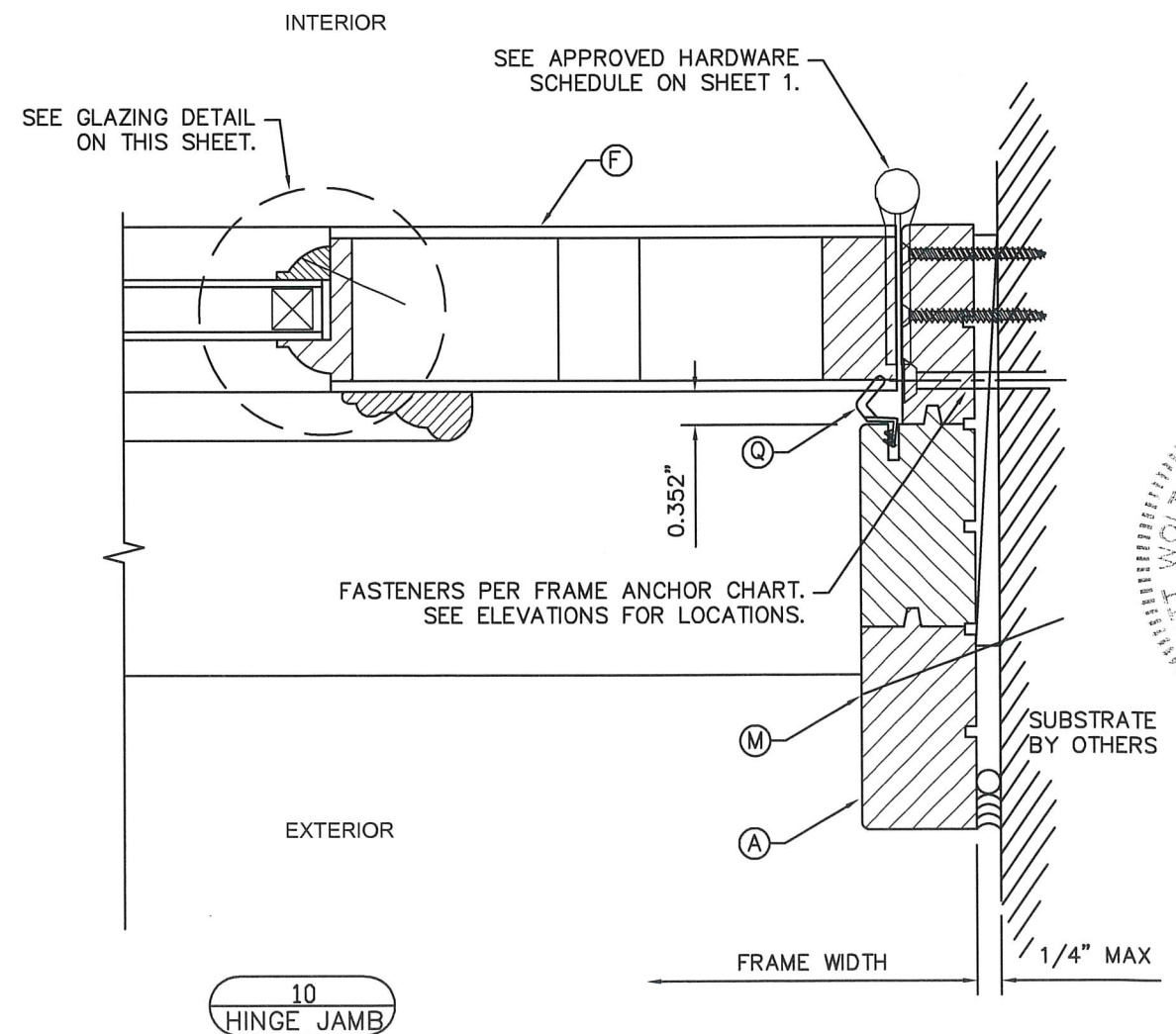
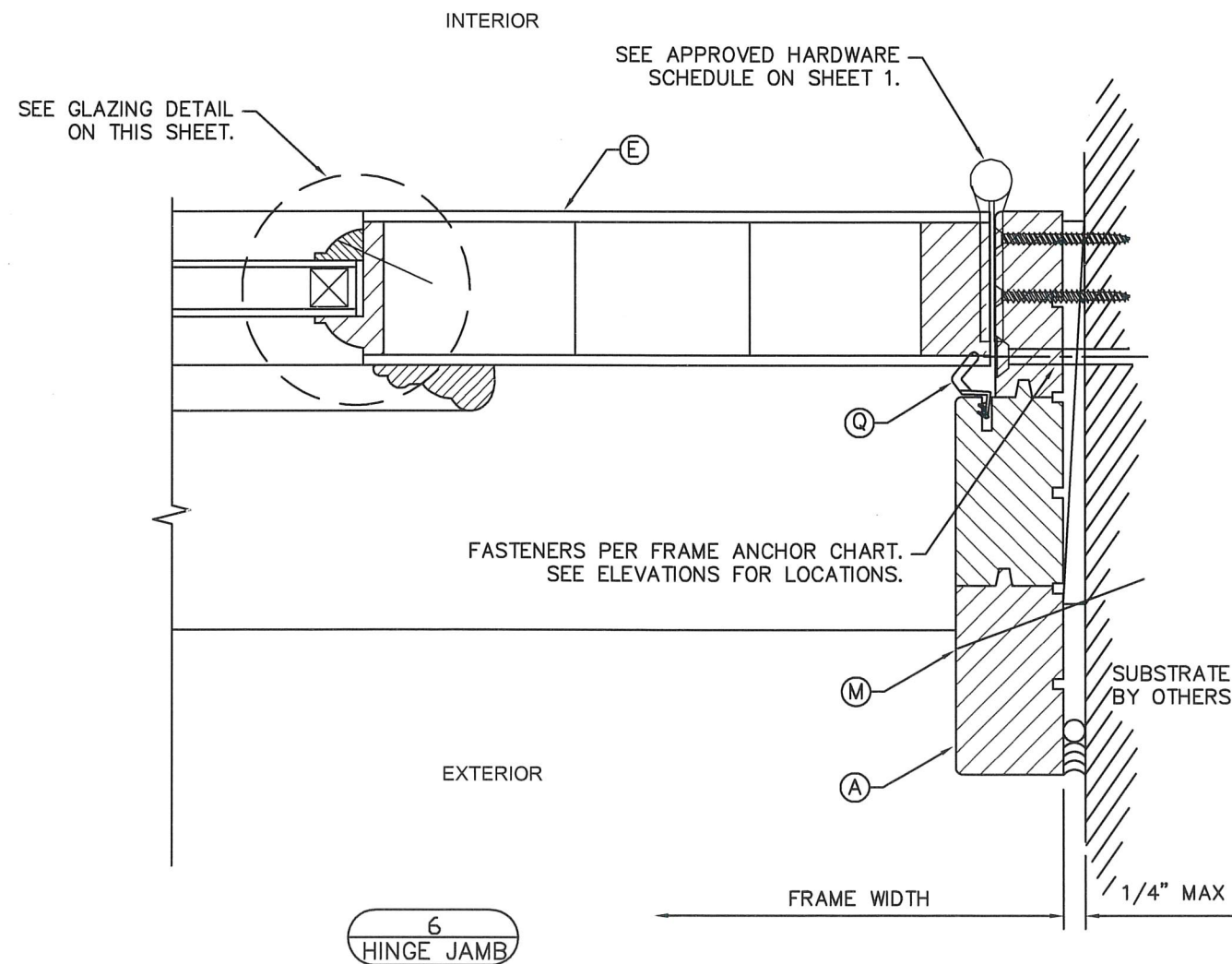
GLAZING DETAIL

8  
MUTIN



9  
MUTIN

INSWING DETAILS ARE SHOWN,  
OUTSWING DETAILS ARE SIMILAR.



NON-IMPACT DOUBLE GLAZED WOOD DOOR

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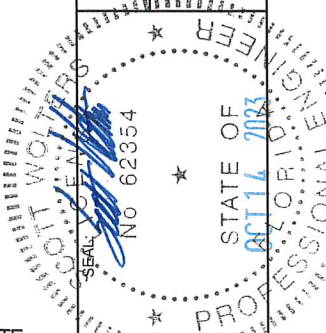
FAX: (713) 861-2909

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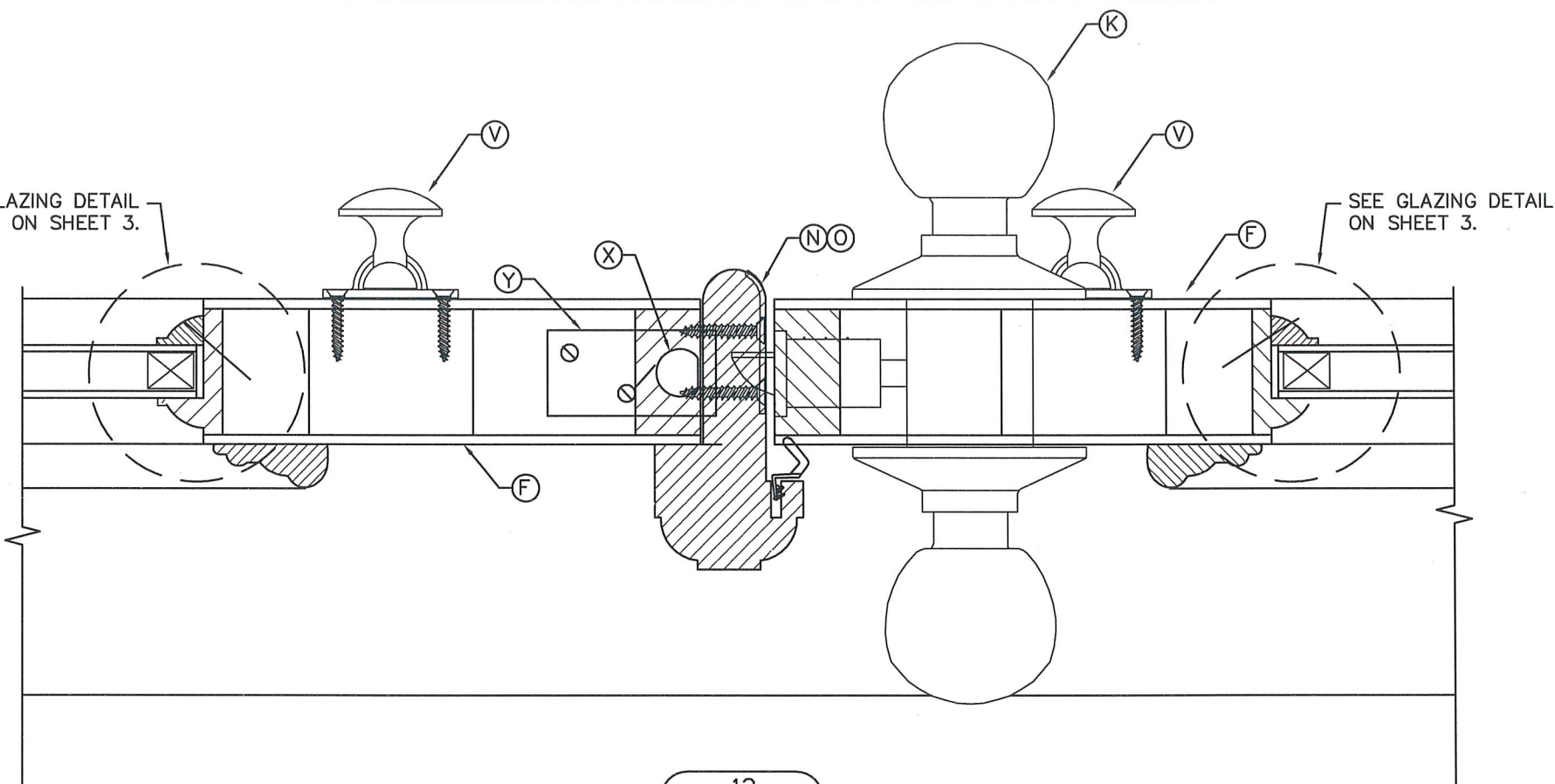
SCOTT WOLTERS  
FL PE# 62354

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

DWG: HWM-2  
SHEET: 3/5

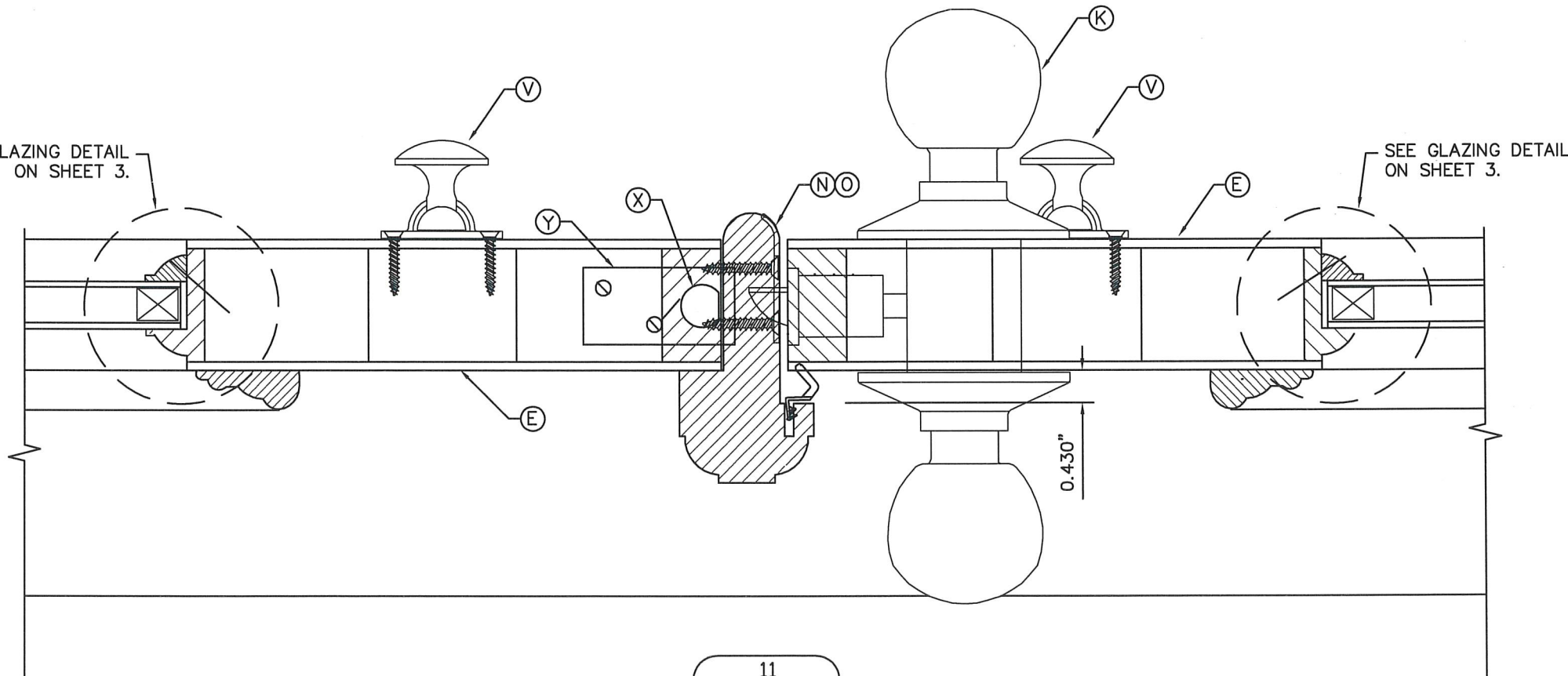


SEE GLAZING DETAIL  
ON SHEET 3.



12  
ASTRAGAL

SEE GLAZING DETAIL  
ON SHEET 3.



11  
ASTRAGAL

INSWING DETAILS ARE SHOWN,  
OUTSWING DETAILS ARE SIMILAR.

SCOTT WOLTERS  
FL PE# 62354

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

DWG: HWM-2  
SHEET: 4/5

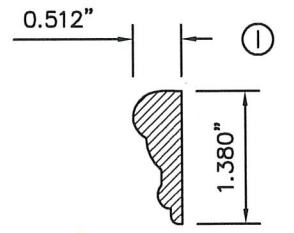
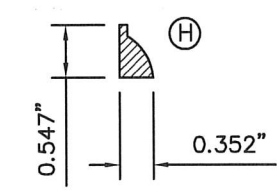
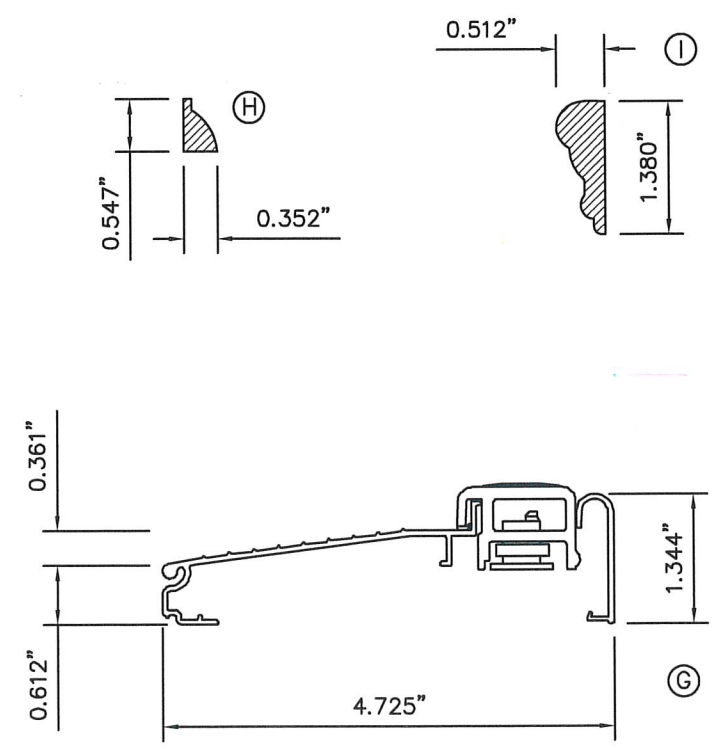
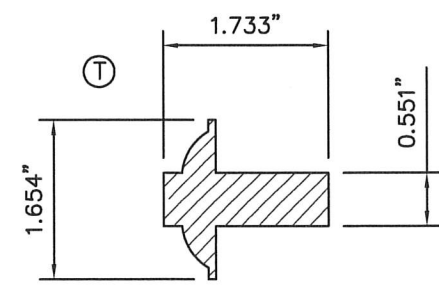
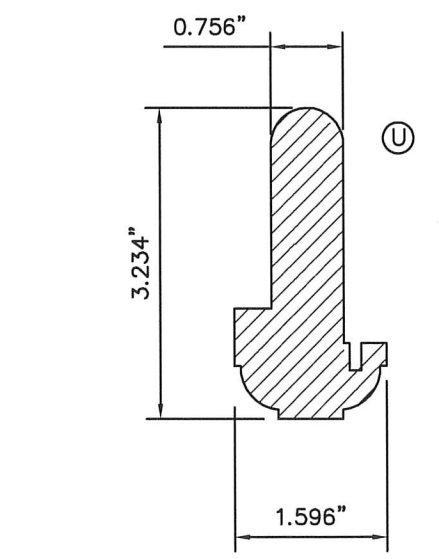
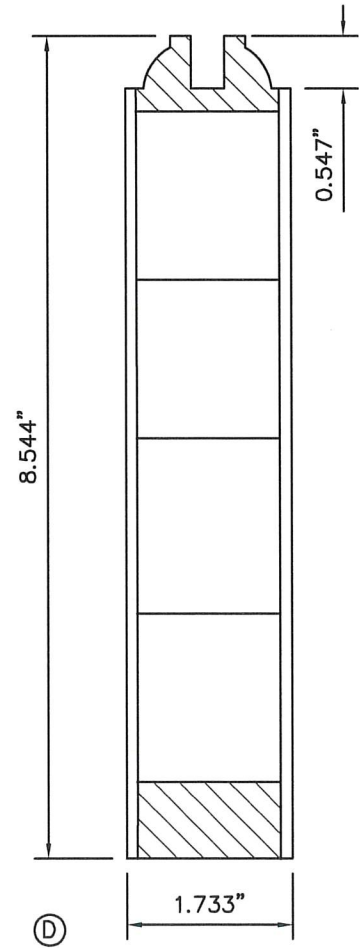
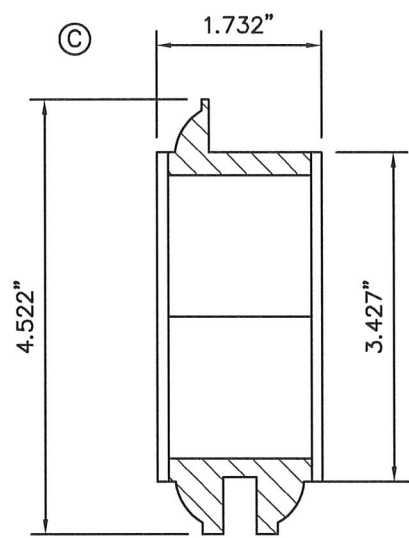
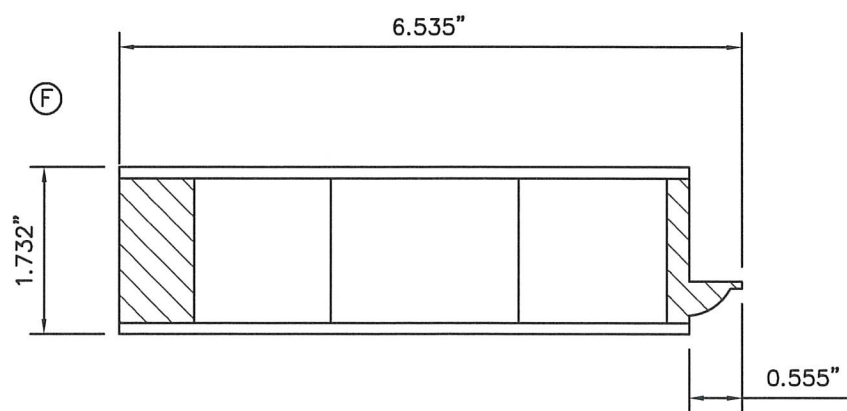
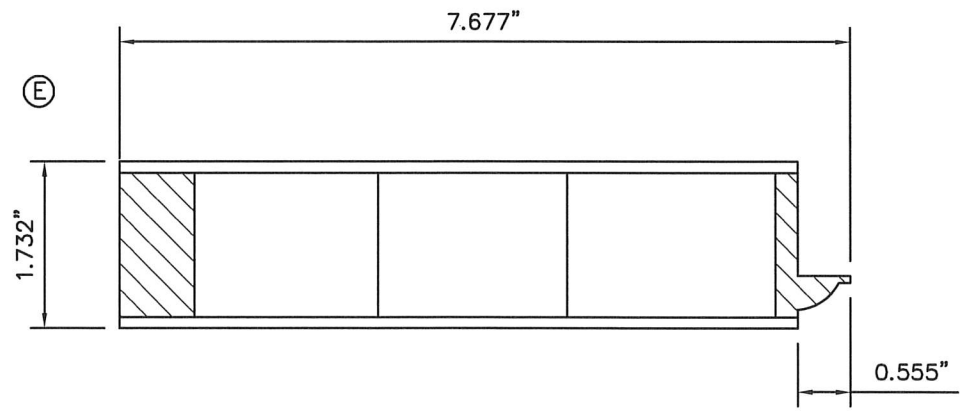
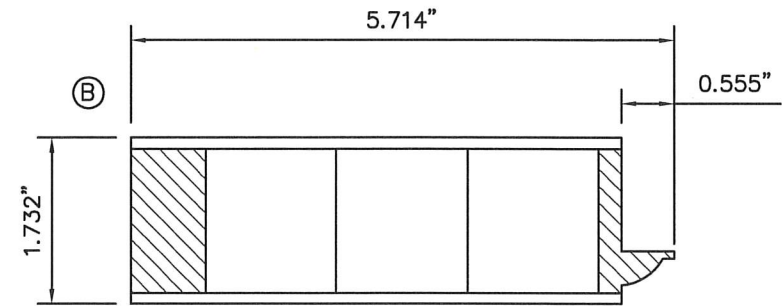
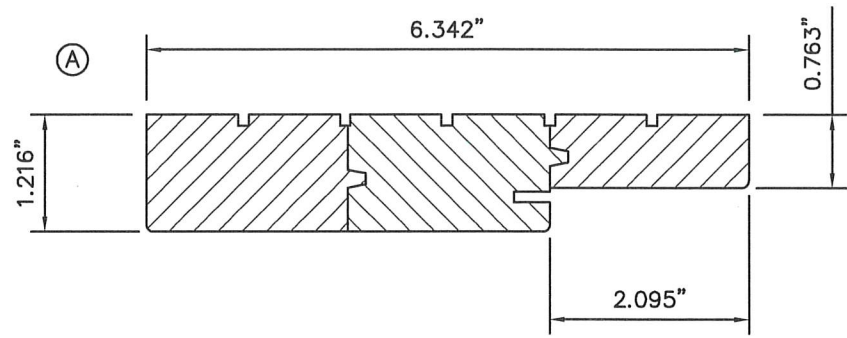


NON-IMPACT DOUBLE GLAZED WOOD DOOR

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FAX: (713) 861-2909  
www.hoelscherweatherstrip.com

| REV#              | DATE   |
|-------------------|--------|
| 1ST SUBMITTAL     | 9/4/13 |
| PRINTS ISSUED FOR |        |

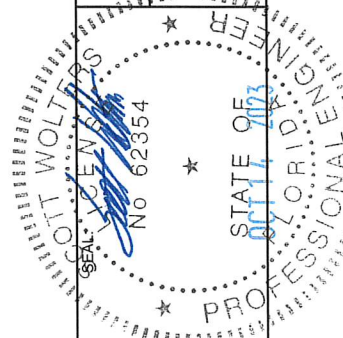


| BILL OF MATERIALS |                         |                                |                 |                                             |
|-------------------|-------------------------|--------------------------------|-----------------|---------------------------------------------|
| MARK              | PART DESCRIPTION        | MATERIAL                       | MANUFACTURER    | NOTES                                       |
| A                 | FRAME HEAD/JAMB         | FINGER JOINTED PINE (OR EQUAL) | HOELSCHER       | S.G.=0.55, E=1.3x10 <sup>6</sup> psi (MIN)  |
| B                 | TOP RAIL                | MAHOGANY OR KNOTTY ALDER*      | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| C                 | MID-RAIL                | MAHOGANY OR KNOTTY ALDER*      | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| D                 | BOTTOM RAIL             | MAHOGANY OR KNOTTY ALDER*      | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| E                 | STILE                   | MAHOGANY OR KNOTTY ALDER*      | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| F                 | STILE                   | MAHOGANY OR KNOTTY ALDER*      | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| G                 | THRESHOLD               | ALUMINUM                       |                 |                                             |
| H                 | GLAZING ADAPTOR         | MAHOGANY OR KNOTTY ALDER       | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| I                 | FLAT RAISED TRIM        | MAHOGANY OR KNOTTY ALDER       | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| J                 | HINGE                   |                                | SGS HARDWARE    | SEE HARDWARE SCHEDULE                       |
| K                 | LOCK                    |                                | SCHLAGE/KWIKSET | 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 <sup>6</sup> psi (MIN) |
| T                 | MUTIN                   | MAHOGANY OR KNOTTY ALDER       | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| U                 | ASTRAGAL                | MAHOGANY OR KNOTTY ALDER       | HOELSCHER       | S.G.=0.47, E=1.38x10 <sup>6</sup> psi (MIN) |
| V                 | SURFACE BOLT            |                                | DELTANA         | SEE HARDWARE SCHEDULE                       |
| W                 | SURF. BOLT STRIKE PLATE |                                | DELTANA         | SEE HARDWARE SCHEDULE                       |
| X                 | FLUSH BOLT              |                                | CAL-ROYAL       | SEE HARDWARE SCHEDULE                       |
| Y                 | FLUSH BOLT STRIKE PLATE |                                | CAL-ROYAL       | SEE HARDWARE SCHEDULE                       |

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

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16211 97TH ROAD N  
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