



# STORMGUARD FIBERGLASS WITH MULTIPOINT LOCKING 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

## GENERAL NOTES

1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE SYSTEM (SHUTTERS).
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.

## 4. PLASTICS TESTING:

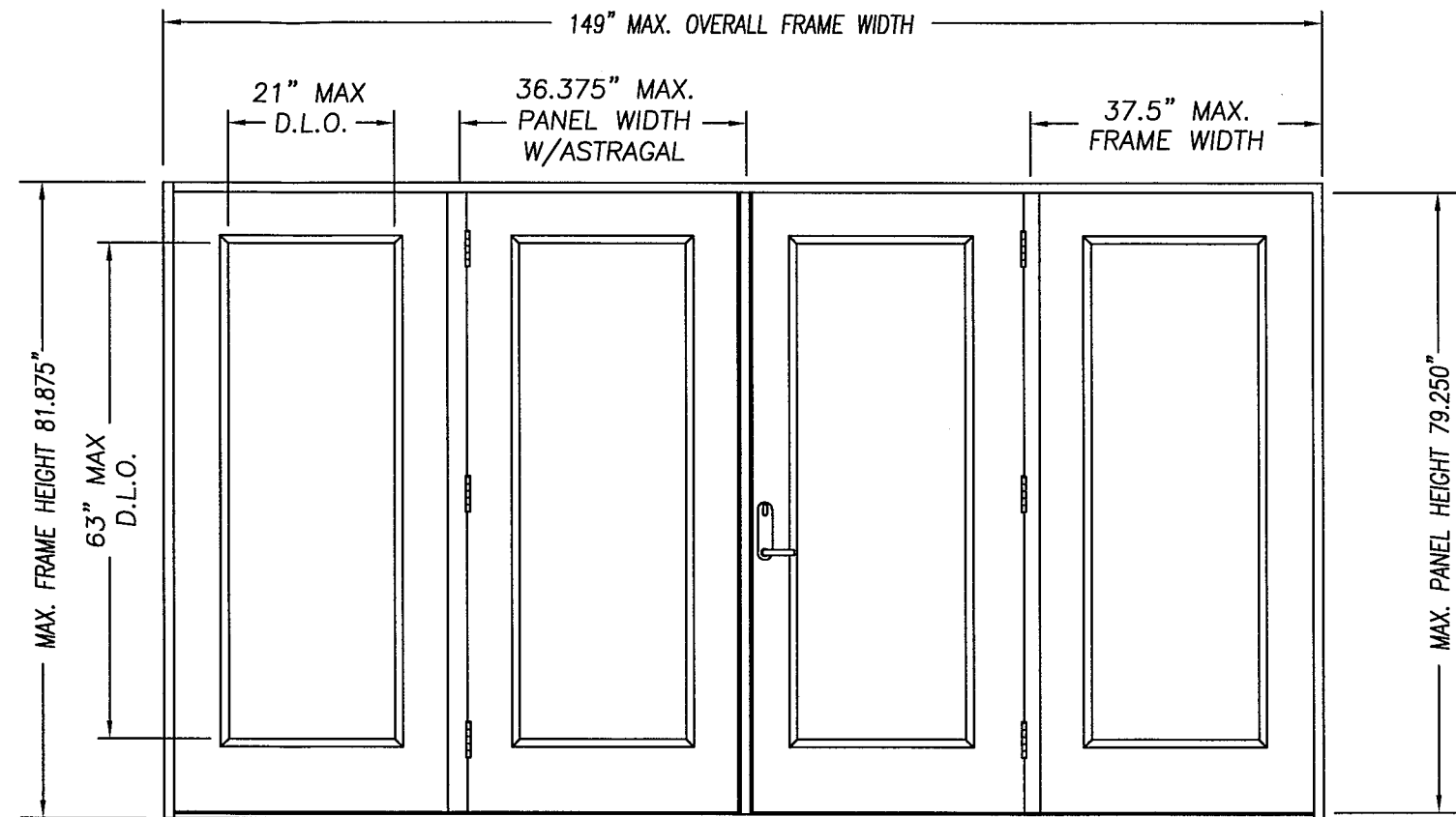
| TEST DESCRIPTION   | DESIGNATION | FACING          | LITE FRAME      |
|--------------------|-------------|-----------------|-----------------|
| SELF IGNITION TEMP | ASTM D1929  | 752 °F > 650 °F | 842 °F > 650 °F |
| RATE OF BURNING    | ASTM D635   | 0.56 IN/MIN     | 1.28 IN/MIN     |
| SMOKE DENSITY      | ASTM D2843  | 53.4%           | 70.2%           |
| TENSILE STRENGTH*  | ASTM D638   | 3.2% DIFF       | 1.8% DIFF       |

## 5. PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

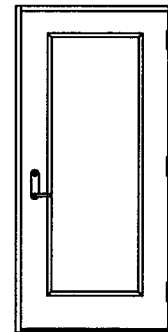
| TEST DESCRIPTION   | DESIGNATION | RESULT          |
|--------------------|-------------|-----------------|
| SELF IGNITION TEMP | ASTM D1929  | 779 °F > 650 °F |
| RATE OF BURNING    | ASTM D635   | 0.0 IN/MIN      |
| SMOKE DENSITY      | ASTM D2843  | 39.0%           |
| TENSILE STRENGTH*  | ASTM D638   | 3.6% DIFF       |

\* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING  
4500 HOURS XENON ARC METHOD 1

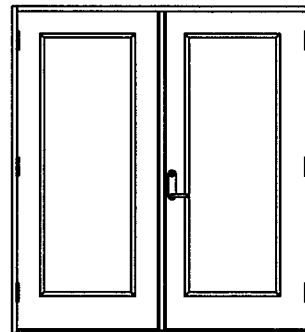
6. MAXIMUM GLASS SIZES COMPLY WITH ASTM E1300 FOR THE DESIGN PRESSURES LISTED.



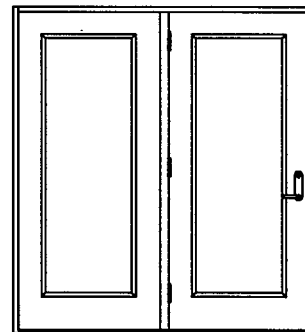
DOUBLE DOOR UNIT W/SIDELITES



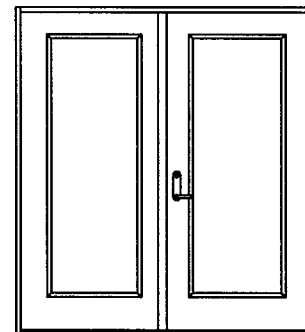
SINGLE DOOR UNIT



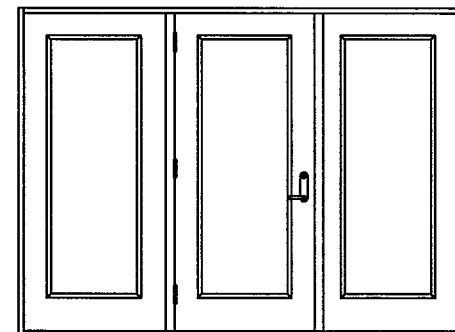
DOUBLE DOOR UNIT



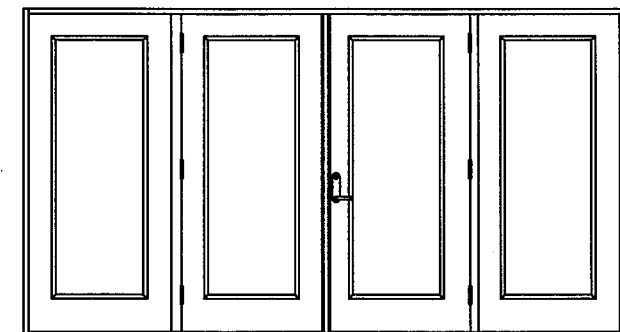
SINGLE DOOR UNIT  
WITH SIDELITE



SINGLE DOOR UNIT  
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

| CONFIG   | MAX WIDTH | DESIGN PRESSURE RATING<br>(WHERE NO WATER REQUIRED) |               | WHERE WATER INFILTRATION PERFORMANCE IS<br>REQUIRED TO BE 15% OF DESIGN PRESSURE |               |               |               |               |  |
|----------|-----------|-----------------------------------------------------|---------------|----------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|--|
|          |           | INSWING                                             | OUTSWING      | BUMPER O/S                                                                       | Z-SERIES O/S  | HPB O/S       | T4 O/S        | HIGH DAM O/S  |  |
| X        | 37.5"     | +50.0 / -50.0                                       | +50.0 / -50.0 | +25.0 / -25.0                                                                    | +40.0 / -40.0 | +50.0 / -50.0 | +50.0 / -50.0 | +50.0 / -50.0 |  |
| XX       | 74"       | +50.0 / -50.0                                       | +50.0 / -50.0 | +25.0 / -25.0                                                                    | +40.0 / -40.0 | +50.0 / -50.0 | +50.0 / -50.0 | +50.0 / -50.0 |  |
| OX or XO | 75"       | +50.0 / -50.0                                       | +50.0 / -50.0 | +25.0 / -25.0                                                                    | +40.0 / -40.0 | +50.0 / -50.0 | +50.0 / -50.0 | +50.0 / -50.0 |  |
| OXO      | 112.5"    | +50.0 / -50.0                                       | +50.0 / -50.0 | +25.0 / -25.0                                                                    | +40.0 / -40.0 | +50.0 / -50.0 | +50.0 / -50.0 | +50.0 / -50.0 |  |
| OXXO     | 149"      | +50.0 / -50.0                                       | +50.0 / -50.0 | +25.0 / -25.0                                                                    | +40.0 / -40.0 | N/A           | +50.0 / -50.0 | +50.0 / -50.0 |  |

6-21-2026  
KT 1 Buth

KURT BALTHAZOR  
FLORIDA P.E.  
#56533

MASONITE INTERNATIONAL CORP.  
1955 POWIS ROAD  
WEST CHICAGO, IL 60185

PRODUCT:  
"EXTERIOR DOOR PRODUCT"  
DOUBLE 6'8" GLAZED  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
TYPICAL ELEVATIONS  
& GENERAL NOTES

|     |          |                   |     |
|-----|----------|-------------------|-----|
| E   | 5/27/26  | ADDED THRESHOLD   | SWS |
| D   | 11/21/23 | INNERLAYER NOA    | SWS |
| C   | 7/18/20  | INNERLAYER NOA    | SWS |
| B   | 12/18/18 | ALTERNATE GLAZING | SWS |
| A   | 12/1/17  | MISC UPDATES      | SWS |
| NO. | DATE     | REVISIONS         | BY  |

DATE: 4/26/17

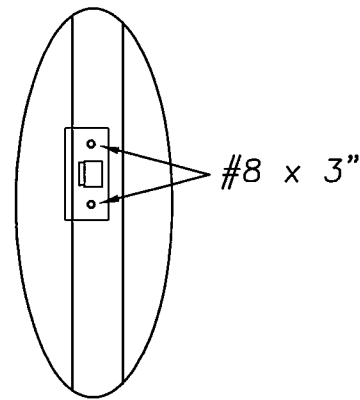
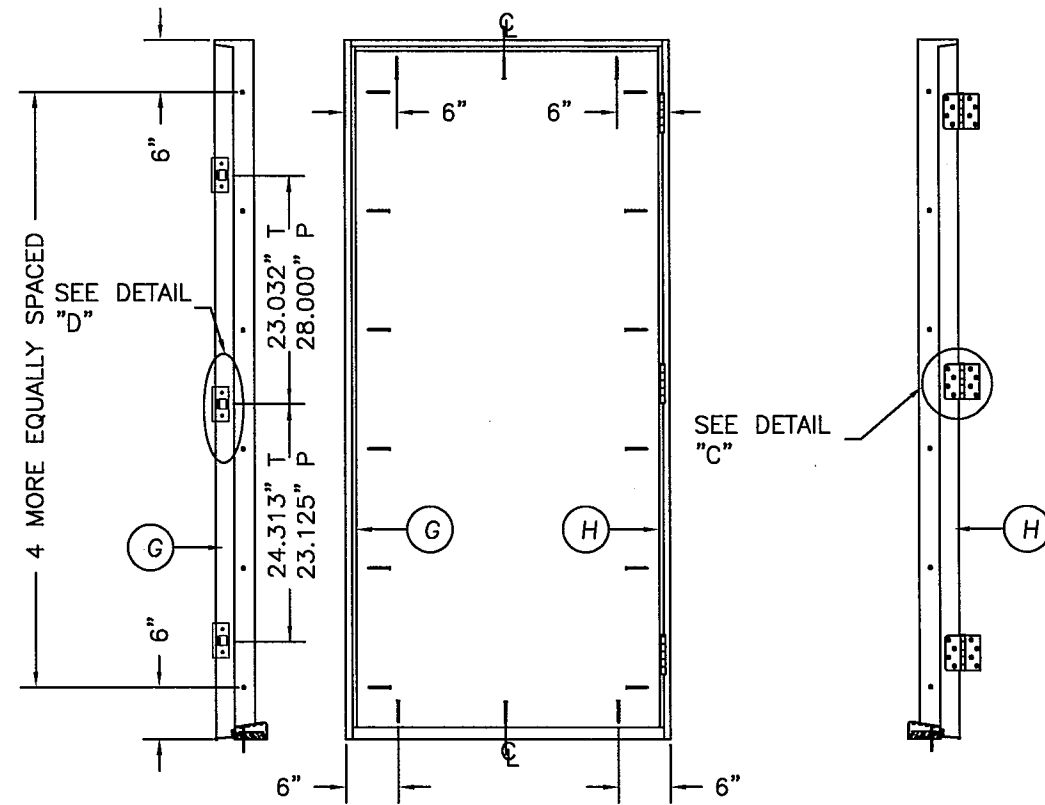
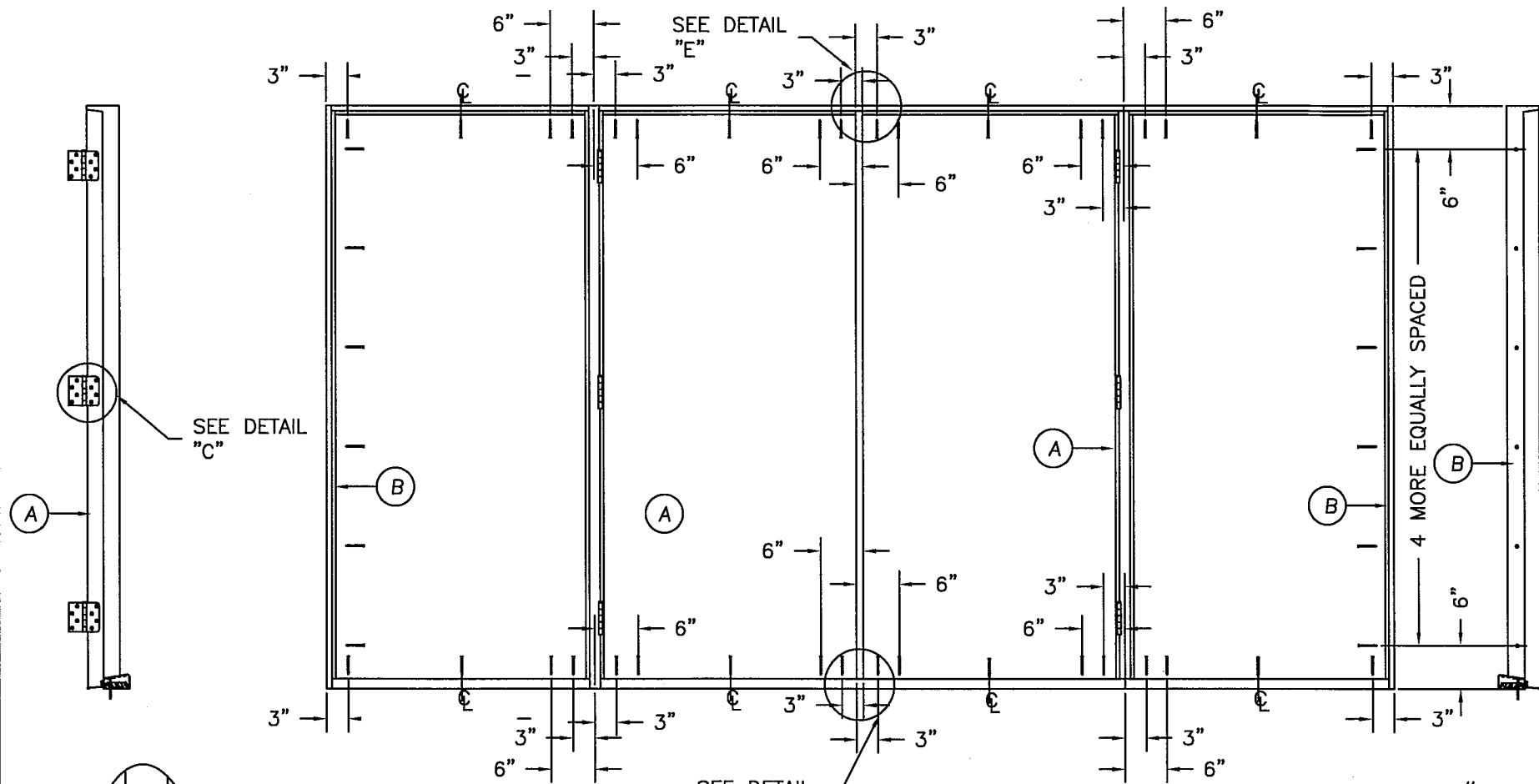
SCALE: N.T.S.

DWG. BY: SWS

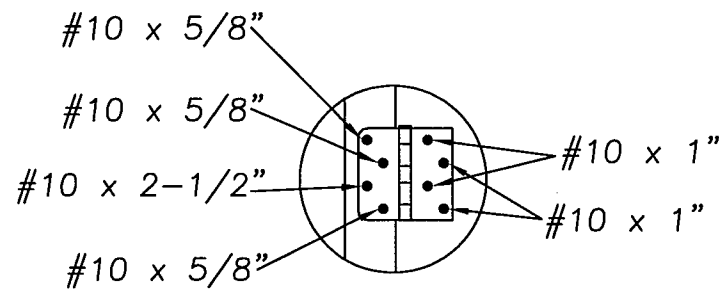
CHK. BY:

DRAWING NO.:  
DWG-MA-FL0185-17

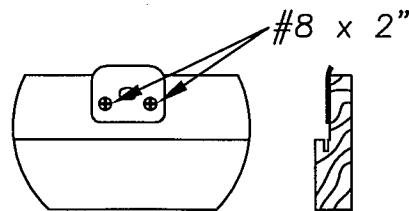
SHEET 1 OF 4



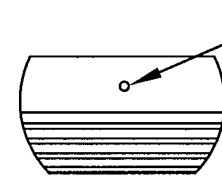
DETAIL "D"



DETAIL "C"

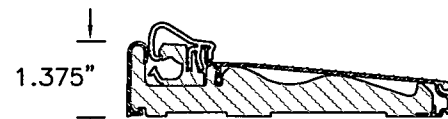


DETAIL "E" ASTRAGAL  
ATTACH ASTRAGAL RETAINER BOLT  
STRIKE PLATE TO FRAME  
AS SHOWN.

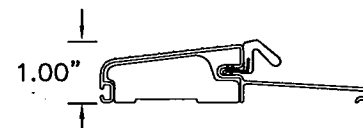


DETAIL "F" ASTRAGAL

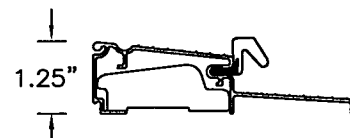
ASTRAGAL RETAINER BOLT HOLE  
MUST BE DRILLED THROUGH  
THE THRESHOLD & INTO THE  
STRUCTURE DEEP ENOUGH  
FOR A 1.375" THROW



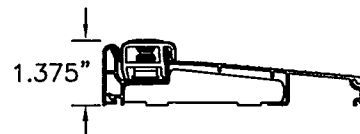
ZAC I/S THRESHOLD



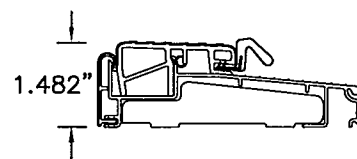
BUMPER O/S THRESHOLD



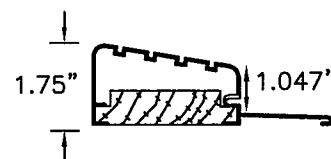
HPB O/S THRESHOLD



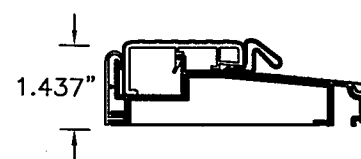
INSWING THRESHOLD



Z-SERIES O/S THRESHOLD



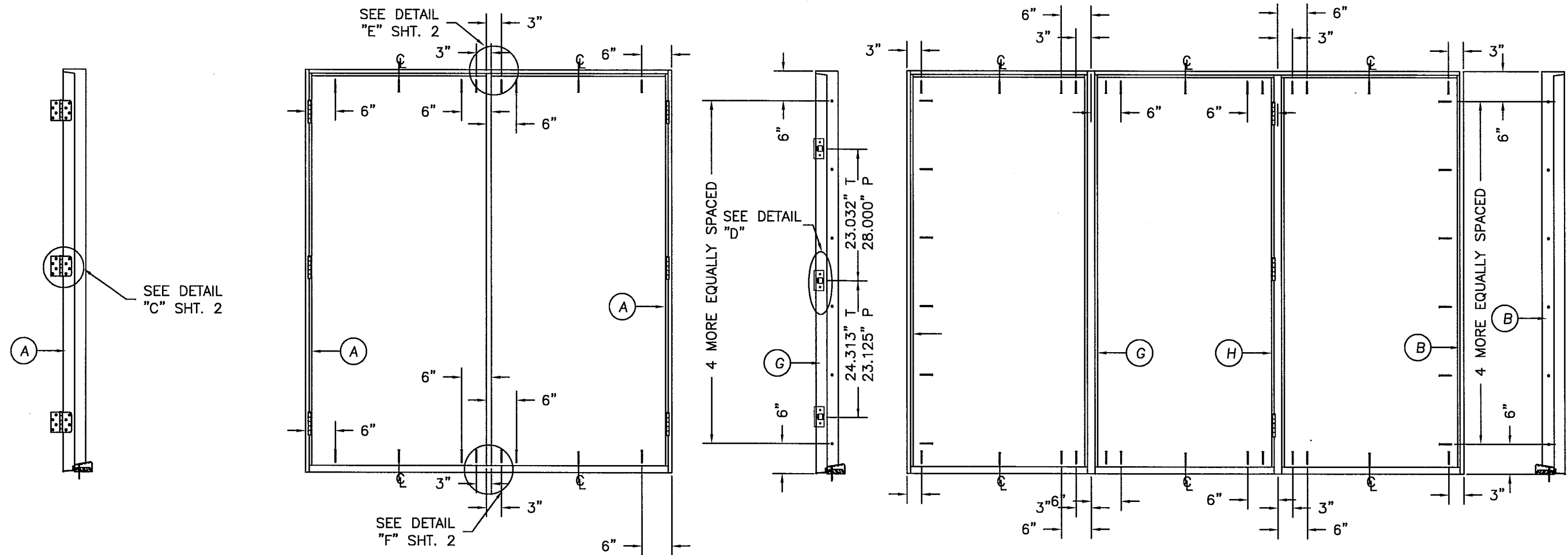
HIGH DAM O/S THRESHOLD



T4 O/S THRESHOLD

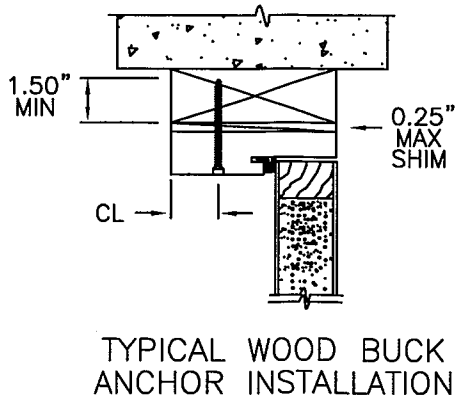
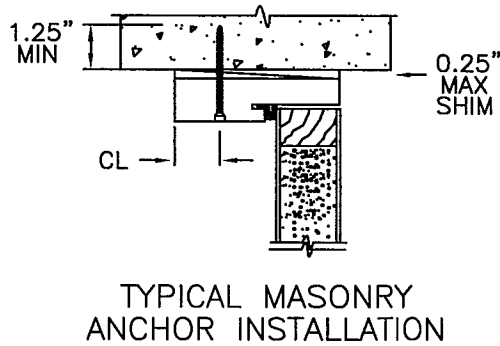
|                                                                           |  |                                                                        |                   |     |  |   |  |  |  |
|---------------------------------------------------------------------------|--|------------------------------------------------------------------------|-------------------|-----|--|---|--|--|--|
| MASONITE INTERNATIONAL CORP.<br>1955 POWIS ROAD<br>WEST CHICAGO, IL 60185 |  |                                                                        |                   |     |  |   |  |  |  |
| PRODUCT:                                                                  |  | "EXTERIOR DOOR PRODUCT"<br>6'-8" FIBERGLASS GLAZED<br>DOUBLE DOOR UNIT |                   |     |  |   |  |  |  |
| PART OR ASSEMBLY:                                                         |  | ANCHORING LOCATIONS<br>& DETAILS                                       |                   |     |  |   |  |  |  |
|                                                                           |  | 5/27/26                                                                | ADDED THRESHOLD   | SWS |  |   |  |  |  |
| E                                                                         |  | 11/21/23                                                               | INNERLAYER NOA    | SWS |  |   |  |  |  |
| D                                                                         |  | 7/18/20                                                                | INNERLAYER NOA    | SWS |  |   |  |  |  |
| C                                                                         |  | 12/18/18                                                               | ALTERNATE GLAZING | SWS |  |   |  |  |  |
| B                                                                         |  | 12/11/17                                                               | MISC UPDATES      | SWS |  |   |  |  |  |
| A                                                                         |  | DATE                                                                   |                   | BY  |  |   |  |  |  |
| NO.                                                                       |  |                                                                        |                   |     |  |   |  |  |  |
|                                                                           |  | REVISIONS                                                              |                   |     |  |   |  |  |  |
| DATE:                                                                     |  | 4/26/17                                                                |                   |     |  |   |  |  |  |
| SCALE:                                                                    |  | N.T.S.                                                                 |                   |     |  |   |  |  |  |
| DWG. BY:                                                                  |  | SWS                                                                    |                   |     |  |   |  |  |  |
| CHK. BY:                                                                  |  |                                                                        |                   |     |  |   |  |  |  |
| DRAWING NO.:                                                              |  |                                                                        |                   |     |  |   |  |  |  |
| DWG-MA-FL0185-17                                                          |  |                                                                        |                   |     |  |   |  |  |  |
| SHEET                                                                     |  | 2                                                                      |                   | OF  |  | 4 |  |  |  |

MASONITE INTERNATIONAL CORP.  
1955 POWIS ROAD  
WEST CHICAGO, IL 60185



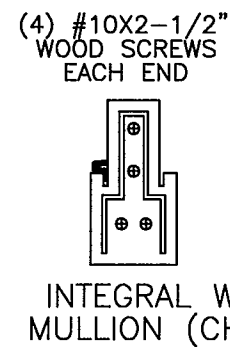
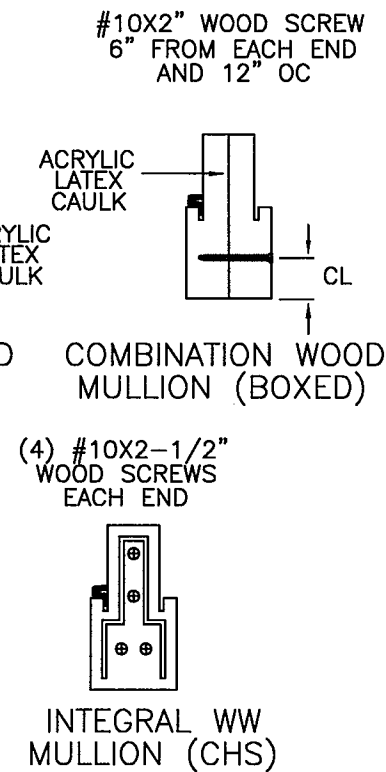
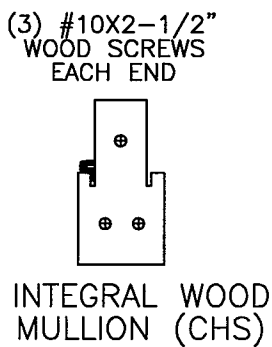
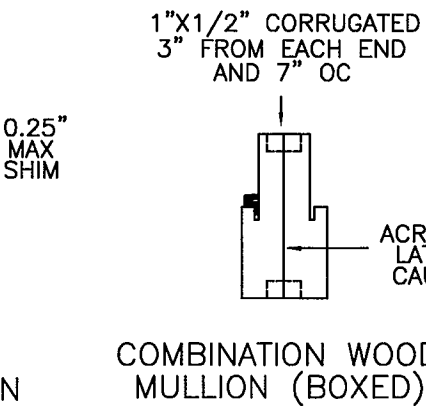
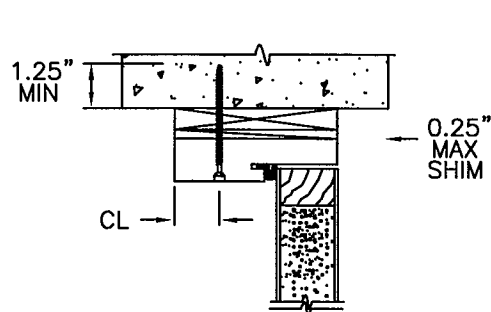
# ATTACHMENT DETAIL

- ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY ROBERTO LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS, 1/4" TAPCONS, AND #10 TEK SCREWS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION. TAPCON EDGE DISTANCE MIN 2-1/2". WOOD SCREW EDGE DISTANCE MIN 3/4". TEK SCREW EDGE DISTANCE MIN 1/2".
- ANCHORING INTO STEEL STRUCTURE MUST BE SUFFICIENT TO ACHIEVE 3 THREADS MINIMUM BEYOND STEEL INTERIOR SURFACE.
- THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHEIVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
- MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.
- FASTENER CORROSON RESISTANCE PER THE FLORIDA BUILDING CODE



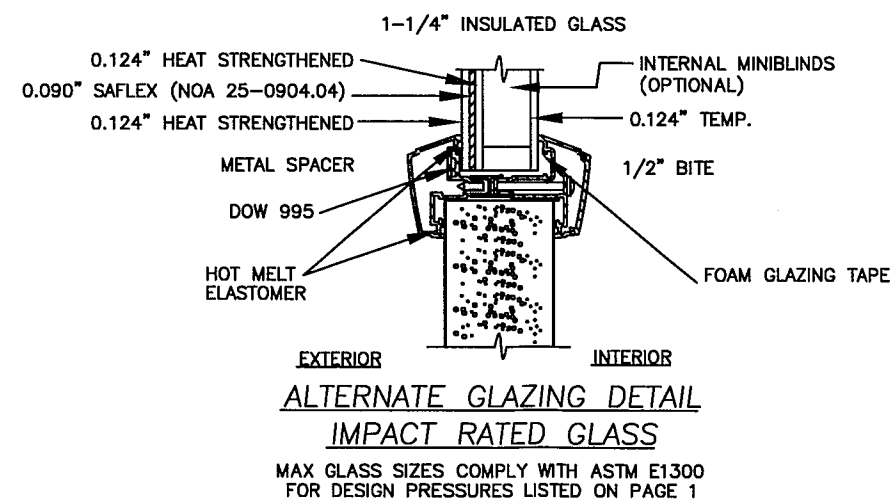
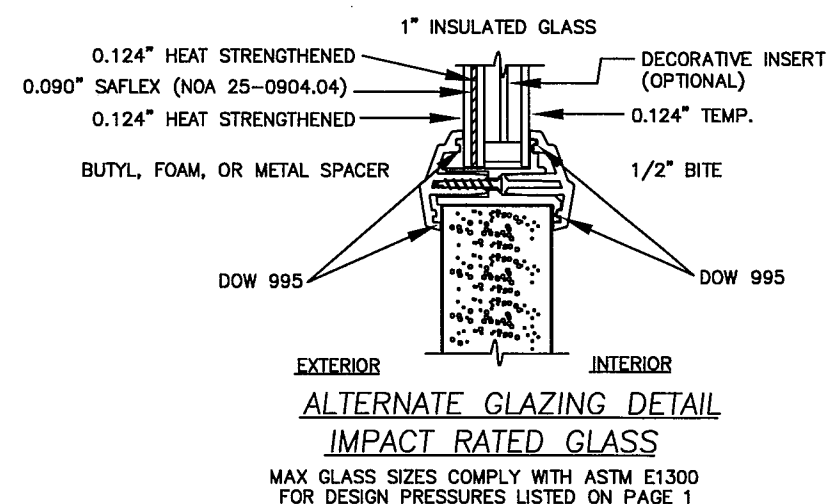
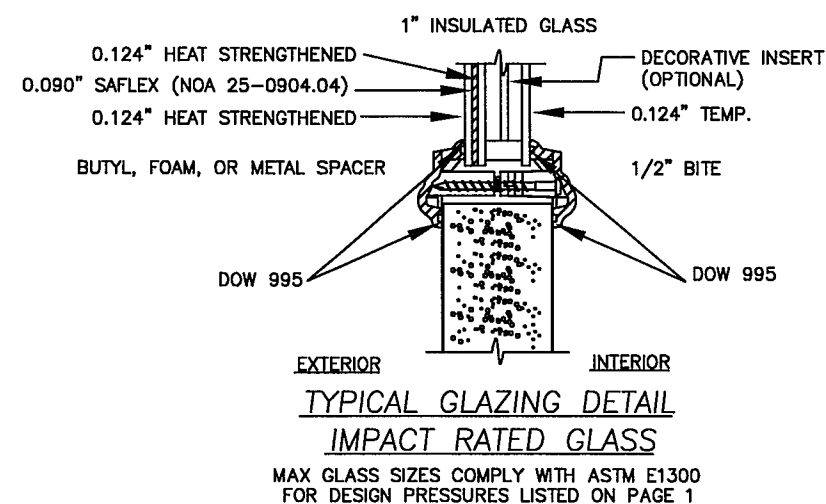
## HARDWARE SCHEDULE

|    |                                                                              |
|----|------------------------------------------------------------------------------|
| 1. | ENDURA PANOLOCK OR TRILENNIUM MULTIPOINT LOCKING HARDWARE FACTORY INSTALLED. |
| 2. | 4" X 4" FULL MORTISE BUTT HINGES.                                            |



|                  |    |                         |      |                                          |                   |                   |     |                               |  |
|------------------|----|-------------------------|------|------------------------------------------|-------------------|-------------------|-----|-------------------------------|--|
| PRODUCT:         |    | "EXTERIOR DOOR PRODUCT" |      | 6'-8" FIBERGLASS GLAZED DOUBLE DOOR UNIT |                   | PART OR ASSEMBLY: |     | ANCHORING LOCATIONS & DETAILS |  |
| SWS              | BY | SWS                     | DATE | 5/27/26                                  | ADDED THRESHOLD   | SWS               | NO. | E                             |  |
| SWS              |    | SWS                     |      | 11/21/23                                 | INNERLAYER NOA    | SWS               |     | D                             |  |
| SWS              |    | SWS                     |      | 7/18/20                                  | INNERLAYER NOA    | SWS               |     | C                             |  |
| SWS              |    | SWS                     |      | 12/18/18                                 | ALTERNATE GLAZING | SWS               |     | B                             |  |
| SWS              |    | SWS                     |      | 12/11/17                                 | MISC UPDATES      | SWS               |     | A                             |  |
| REVISIONS        |    |                         |      |                                          |                   |                   |     |                               |  |
| DATE: 4/26/17    |    |                         |      |                                          |                   |                   |     |                               |  |
| SCALE: N.T.S.    |    |                         |      |                                          |                   |                   |     |                               |  |
| DWG. BY: SWS     |    |                         |      |                                          |                   |                   |     |                               |  |
| CHK. BY:         |    |                         |      |                                          |                   |                   |     |                               |  |
| DRAWING NO.:     |    |                         |      |                                          |                   |                   |     |                               |  |
| DWG-MA-FL0185-17 |    |                         |      |                                          |                   |                   |     |                               |  |
| SHEET 3 OF 4     |    |                         |      |                                          |                   |                   |     |                               |  |

MASONITE INTERNATIONAL CORP.  
1955 POWIS ROAD  
WEST CHICAGO, IL 60185



|                                                                           |          |                                                                        |     |
|---------------------------------------------------------------------------|----------|------------------------------------------------------------------------|-----|
| MASONITE INTERNATIONAL CORP.<br>1955 POWIS ROAD<br>WEST CHICAGO, IL 60185 |          |                                                                        |     |
| PRODUCT:                                                                  |          | "EXTERIOR DOOR PRODUCT"<br>6'-8" FIBERGLASS GLAZED<br>DOUBLE DOOR UNIT |     |
| PART OR ASSEMBLY:                                                         |          | ANCHORING LOCATIONS<br>& DETAILS                                       |     |
| E                                                                         | 5/27/26  | ADDED THRESHOLD                                                        | SWS |
| D                                                                         | 11/21/23 | INNERLAYER NOA                                                         | SWS |
| C                                                                         | 7/18/20  | INNERLAYER NOA                                                         | SWS |
| B                                                                         | 12/18/18 | ALTERNATE GLAZING                                                      | SWS |
| A                                                                         | 12/1/17  | MISC UPDATES                                                           | SWS |
| NO.                                                                       | DATE     |                                                                        | BY  |
|                                                                           |          | REVISIONS                                                              |     |
| DATE: 4/26/17                                                             |          |                                                                        |     |
| SCALE: N.T.S.                                                             |          |                                                                        |     |
| DWG. BY: SWS                                                              |          |                                                                        |     |
| CHK. BY:                                                                  |          |                                                                        |     |
| DRAWING NO.:                                                              |          |                                                                        |     |
| DWG-MA-FL0185-17                                                          |          |                                                                        |     |
| SHEET 4 OF 4                                                              |          |                                                                        |     |