MASONITE.

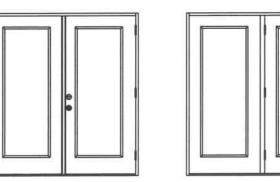
IMPACT GLAZED STEEL-EDGE STEEL DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

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. WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS NOT REQUIRED.
- 3. WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS NOT REQUIRED.
- 4. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.
- 5. PLASTICS TESTING:

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





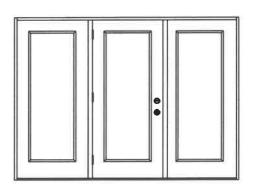
DOUBLE DOOR UNIT



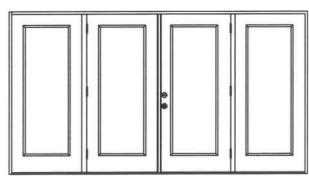
SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT WITH SIDELITE

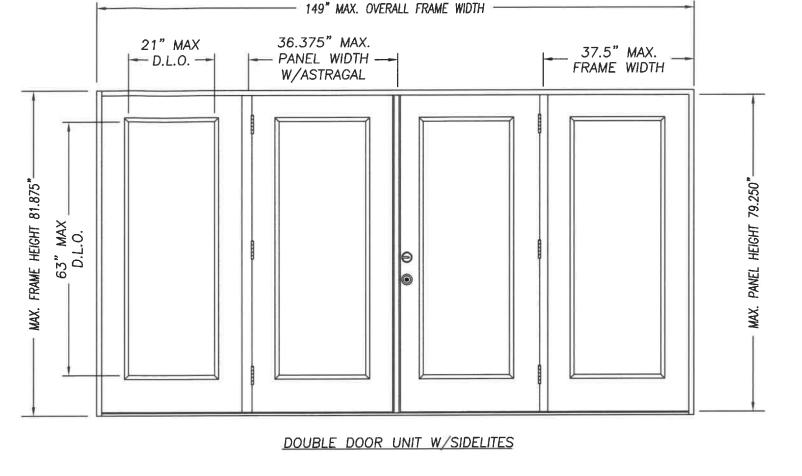


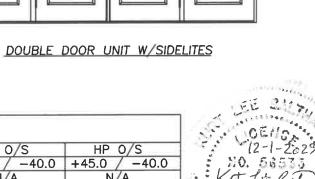
SINGLE DOOR UNIT W/SIDELITES



| | | DESIGN PRESSURE RATING | | | | WHERE WATER INFILTRATION PERFORMANCE IS | | | | | | | | |
|---|-----------|------------------------|------------------|---------------------------------------|--------------|---|----------------|--------------|----------------|--------------|------------------|---------------|------------|-----|
| (1:1 OVERHANG OR WHERE NO WATER REQUIRED) | | | | REQUIRED TO BE 15% OF DESIGN PRESSURE | | | | | | | | | | |
| CONFIG | MAX WIDTH | INSWING | | OUT | SWING | BUMPER O/S | | Z-SERIES O/S | | HIGH DAM O/S | | T4 0/S | HP O/S | |
| X | 37.5" | +40.0 | −45.0 | +45.0 | -40.0 | +25.0 | / −25.0 | +40.0 | / -40.0 | +45.0 | / −40.0 | +45.0 / -40.0 | +45.0 / -4 | 0.0 |
| XX | 74" | +40.0 | -45.0 | +45.0 | −40.0 | +25.0 | / -25.0 | +40.0 | / -40.0 | +45.0 | -40.0 | N/A | N/A | - 4 |
| OX or XO | 75" | +40.0 | -45.0 | +45.0 | −40.0 | +25.0 | / -25.0 | +40.0 | -40.0 | +45.0 | -40.0 | N/A | N/A | |
| OXO | 112.5" | +40.0 | -45.0 | +45.0 | -40.0 | +25.0 | -25.0 | +40.0 | / −40.0 | +45.0 | -40.0 | N/A | N/A | |
| OXXO | 149" | +40.0 | -45.0 | +45.0 | −40.0 | +25.0 | / -25.0 | +40.0 | -40.0 | +45.0 | / -40.0 | N/A | N/A | |

| | | TABLE OF CONTENTS | | | | | | | |
|-------|---|------------------------------------|--|--|--|--|--|--|--|
| SHEET | # | DESCRIPTION | | | | | | | |
| 1 | | TYPICAL ELEVATIONS & GENERAL NOTES | | | | | | | |
| 2 | | ANCHORING LOCATIONS & DETAILS | | | | | | | |
| 3 | | ANCHORING LOCATIONS & DETAILS | | | | | | | |





KURT BALTHAZOR FLORIDA P.E. #56533

ROAD IL 60185 MASONITE INTERNATIONAL CORP. 1955 POWIS ROAD WEST CHICAGO, IL 6018

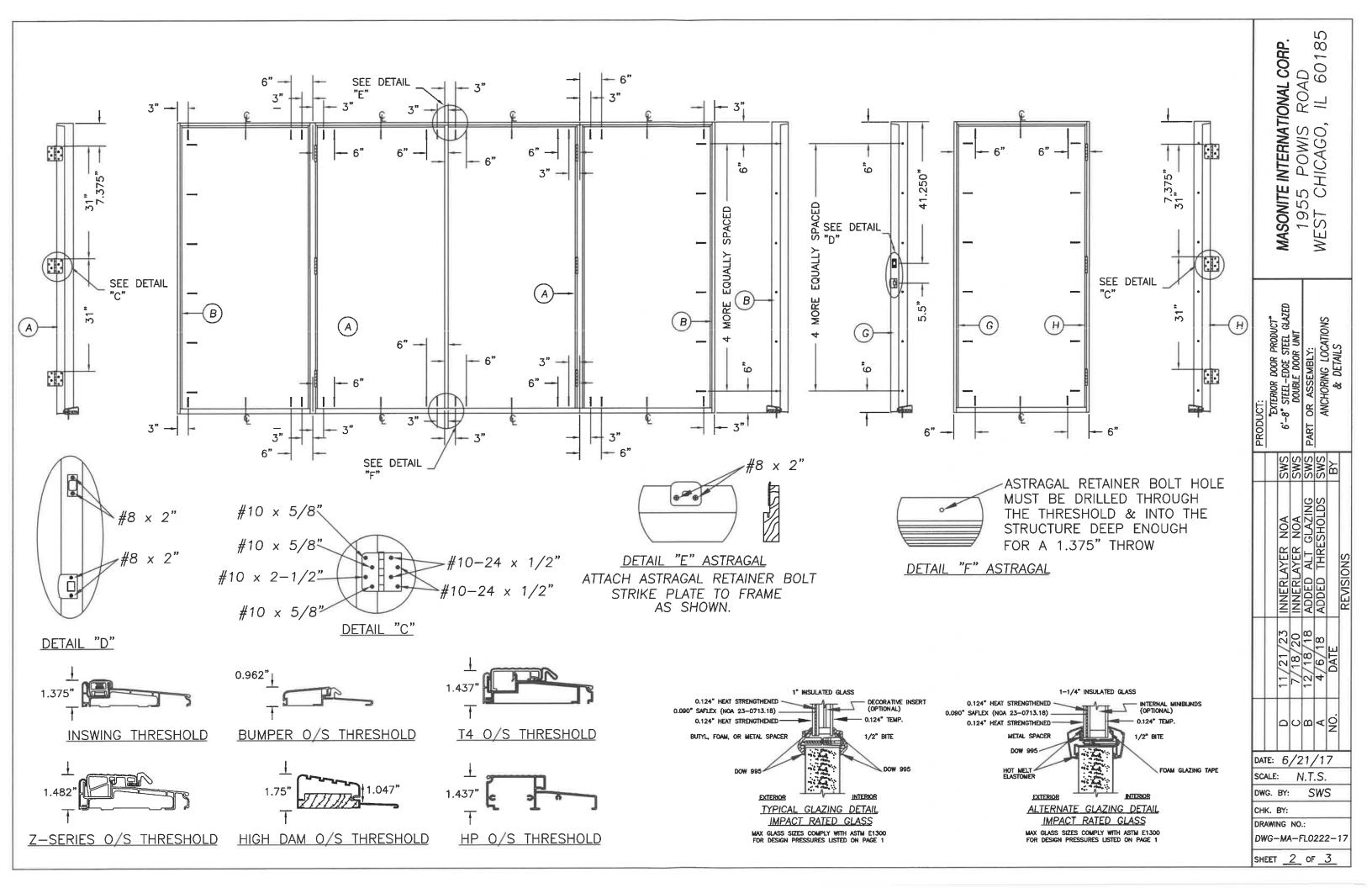
| Solution Solution | PRODUCT: | "EXTERIOR DOOR PRODUCT" | | S | PART OR ASSEMBLY: | | & GENERAL NOTES | |
|---|----------|-------------------------|----------------|----------------|-------------------|------------------|-----------------|-----------|
| DATE: 6/21/17 SCALE: N.T.S. | | | SWS | SMS | SWS | SWS | ВУ | |
| DATE: 6/21/17 SCALE: N.T.S. | | | INNERLAYER NOA | INNERLAYER NOA | ADDED ALT GLAZING | ADDED THRESHOLDS | | REVISIONS |
| DATE: 6/21/17 SCALE: N.T.S. | | | 11/21/23 | 7/18/20 | 12/18/18 | 4/6/18 | DATE | |
| | | | ۵ | ပ | В | ∢ | NO. | |
| | DAT | ſE: | 6, | /2 | 1/ | /1 | 7 | |
| | _ | _ | : | ٨ | I.T | .S. | | |
| L | DW | G. | BY: | | S | W | <u>S</u> | |

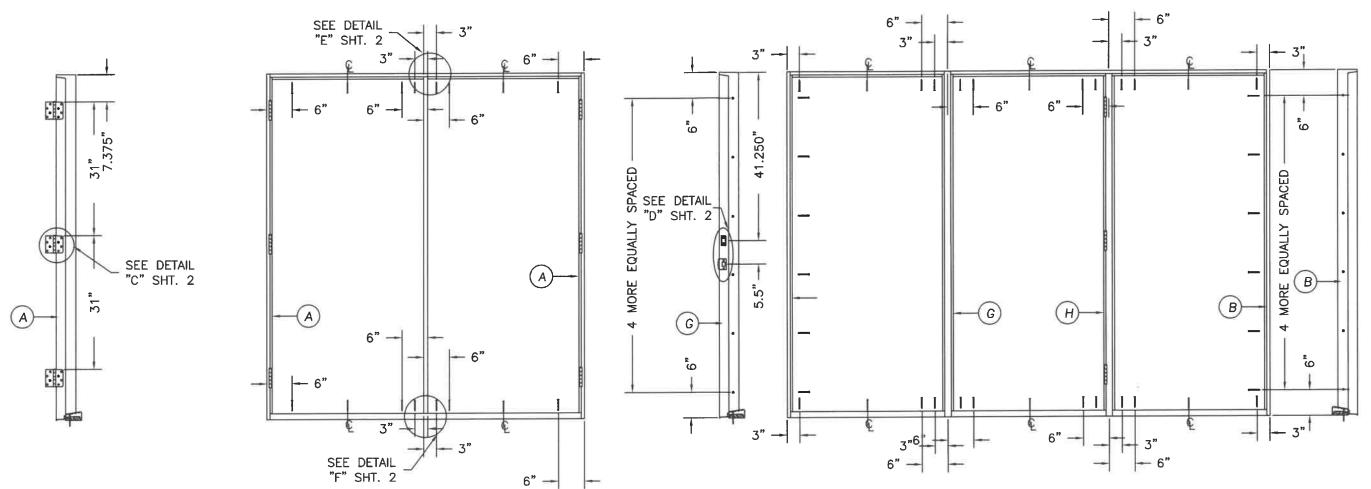
CHK. BY:

DRAWING NO.:

DWG-MA-FL0222-17

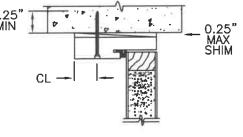
SHEET 1 OF 3



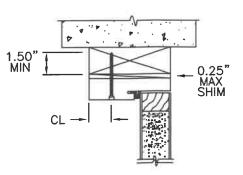


ATTACHMENT DETAIL

- 1. 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 OR 1/4" TAPCONS. 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".
- 2. 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".
- 3. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
- 4. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.



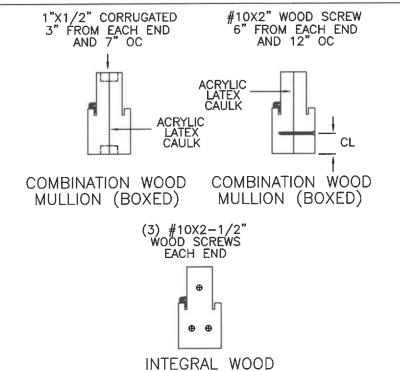
TYPICAL MASONRY ANCHOR INSTALLATION



TYPICAL WOOD BUCK ANCHOR INSTALLATION

HARDWARE SCHEDULE

- 1. KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
- 2. 4" X 4" FULL MORTISE BUTT HINGES.



MULLION (CHS)

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

DATE: 6/21/17 N.T.S. SCALE: DWG. BY: SWS

CHK. BY:

DRAWING NO .:

DWG-MA-FL0222-17

SHEET 3 OF 3