## MASONITE.

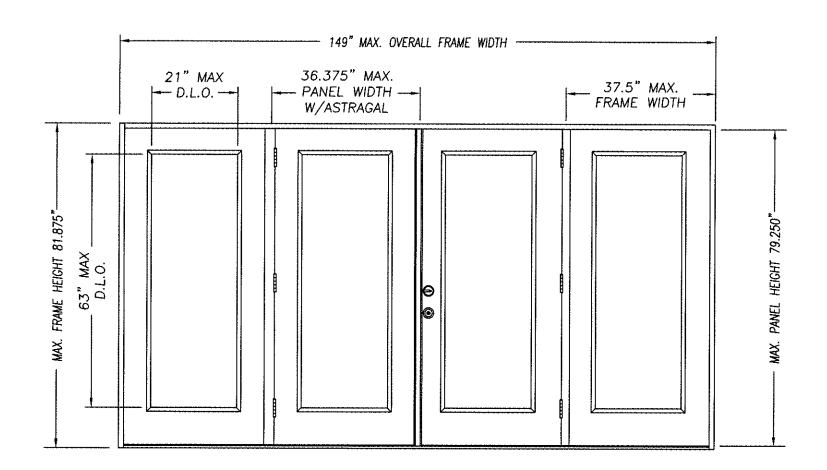
HPC IMPACT GLAZED STEEL-EDGE STEEL DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

## GENERAL NOTES

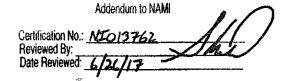
- 1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- 2. WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- 3. WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- 4. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.
- 5. PLASTICS TESTING:

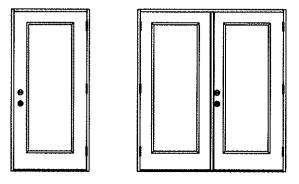
TEST DESCRIPTION	DESIGNATION	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	842 °F > 650 °F
RATE OF BURNING	ASTM D635	1.28 IN/MIN
SMOKE DENSITY	ASTM D2843	70.2%
TENSILE STRENGTH*	ASTM D638	1.8% DIFF

- \* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1
- 6. DOOR SLABS MUST BE STAMPED "HPC" ON TOP RAIL.



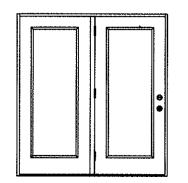
DOUBLE DOOR UNIT W/SIDELITES



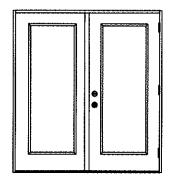


SINGLE DOOR UNIT

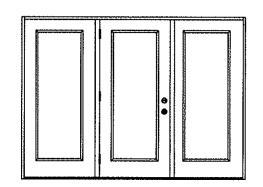
DOUBLE DOOR UNIT



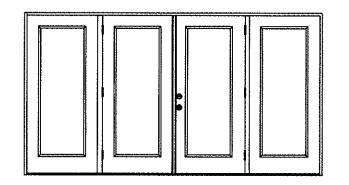
SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

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

		DESIGN PRESSURE RATING				WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE						
CONFIG	MAX WIDTH	INS'	INSWING OUTSWING		SWING	INSWING	INSWING   BUMPER O/S		Z-SERIES O/S		HIGH DAM O/S	
X	37.5"	+50.0 /	<sup>/</sup> -50.0	+50.0	/ -50.0	N/A	+25.0 /	-25.0	+40.0	<del>-40.0</del>	+50.0	-50.0
XX	74"	+50.0 /	-50.0	+50.0	/ -50.0	N/A	+25.0 /	-25.0	+40.0	<del>/ -40.0</del>	+50.0	-50.0
OX or XO	75"	+50.0 /	-50.0	+50.0	/ -50.0	N/A	+25.0 /	-25.0	+40.0	<del>-40.0</del>	+50.0	-50.0
OXO	112.5"	+50.0 /	-50.0	+50.0	/ -50.0	N/A	+25.0 /	-25.0	+40.0	<del>-40.0</del>	+50.0	-50.0
OXXO	149"	+50.0 /	/ -50.0	+50.0	/ -50.0	N/A	+25.0 /	-25.0	+40.0	<b>/ -4</b> 0.0	+50.0	-50.0

GI BY

KURT BALTHAZOR FLORIDA P.E. #56533

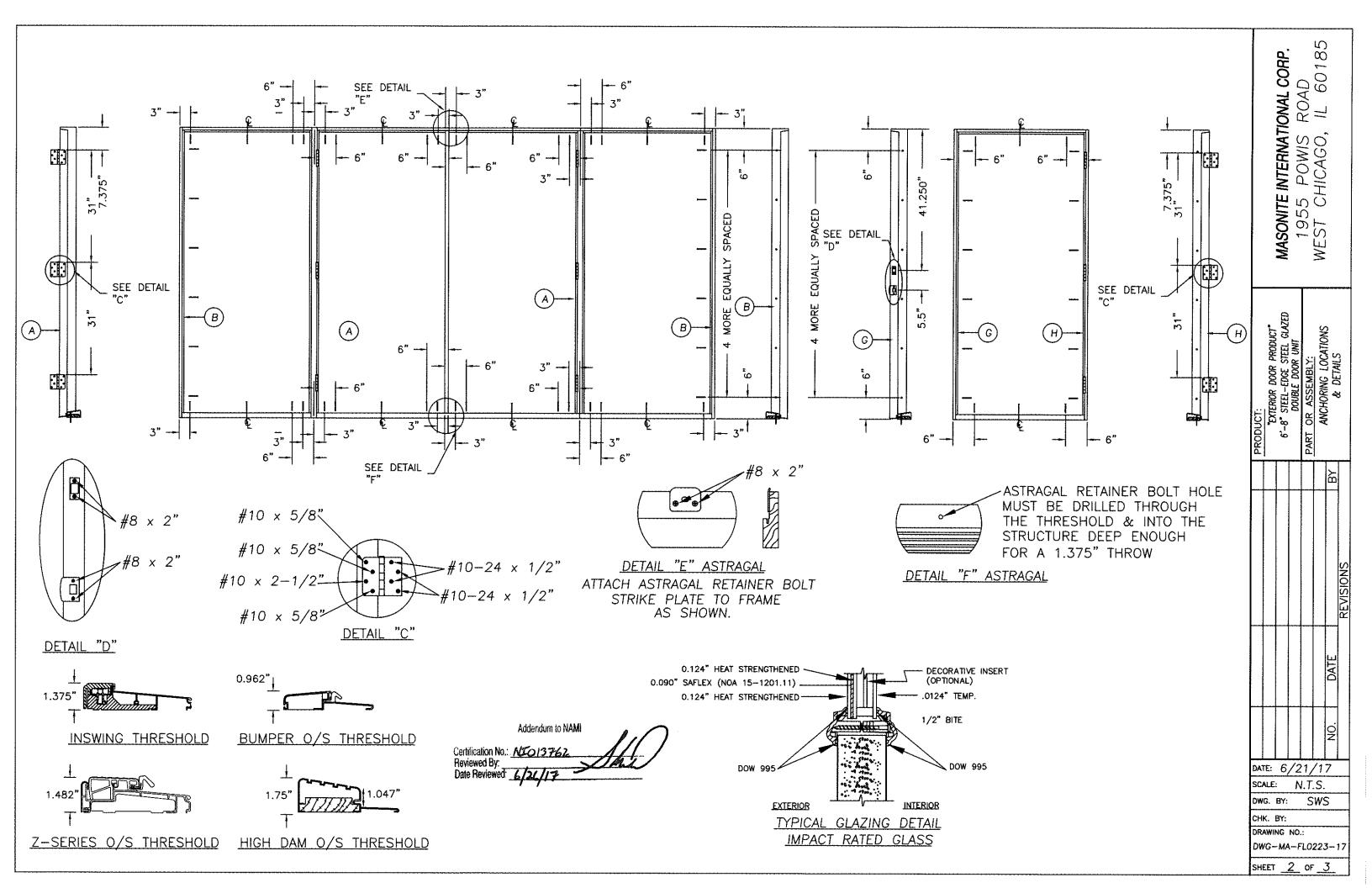
MASONITE INTERNATIONAL CORP. 1955 POWIS ROAD WEST CHICAGO, IL 6018 ROAD IL 6018 1: WEST

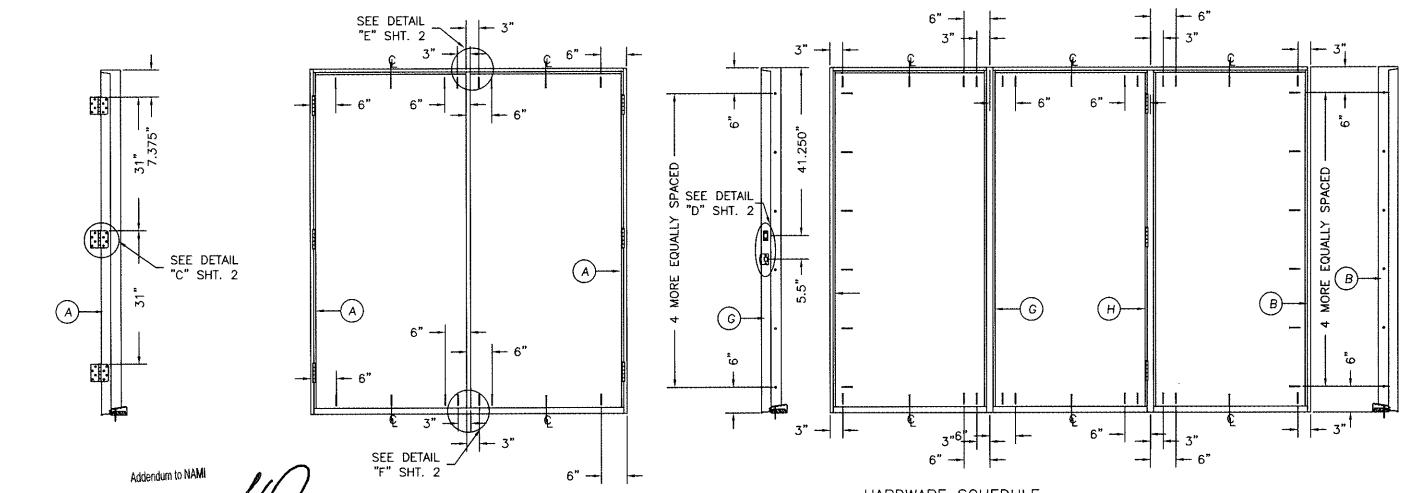
	PRODUCT:	"EXTERIOR DOOR PRODUCT"	DOUBLE 6'8" GLAZED	STEEL-EDGE STEEL DOOR	PART OR ASSEMBLY:	TYPICAL ELEVATIONS	& GENERAL NOTES		
							ЬY		
							NO. DATE	REVISIONS	
ľ	DAT		6,	/2	1/	1	7		
	DATE: 6/21/17 SCALE: N.T.S.								

DWG. BY: SWS

CHK. BY: DRAWING NO.: DWG-MA-FL0223-17

SHEET 1 OF 3





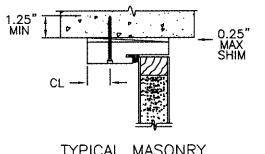
## ATTACHMENT DETAIL

Reviewed By:

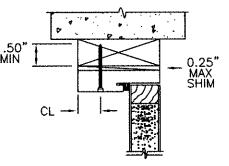
Certification No.: NIO 1376

Date Reviewed: 6/24/17

- 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.



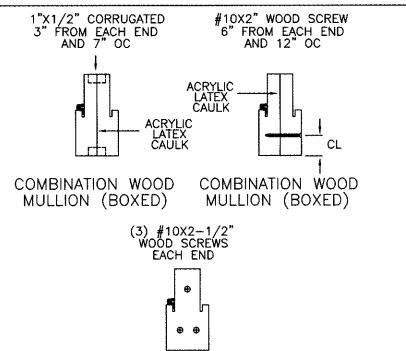
TYPICAL MASONRY ANCHOR INSTALLATION



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.



INTEGRAL WOOD

MULLION (CHS)

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

DATE: 6/21/17 SCALE: N.T.S. DWG. BY: SWS CHK. BY: DRAWING NO .: DWG-MA-FL0223-17

SHEET 3 OF 3