MASONITE

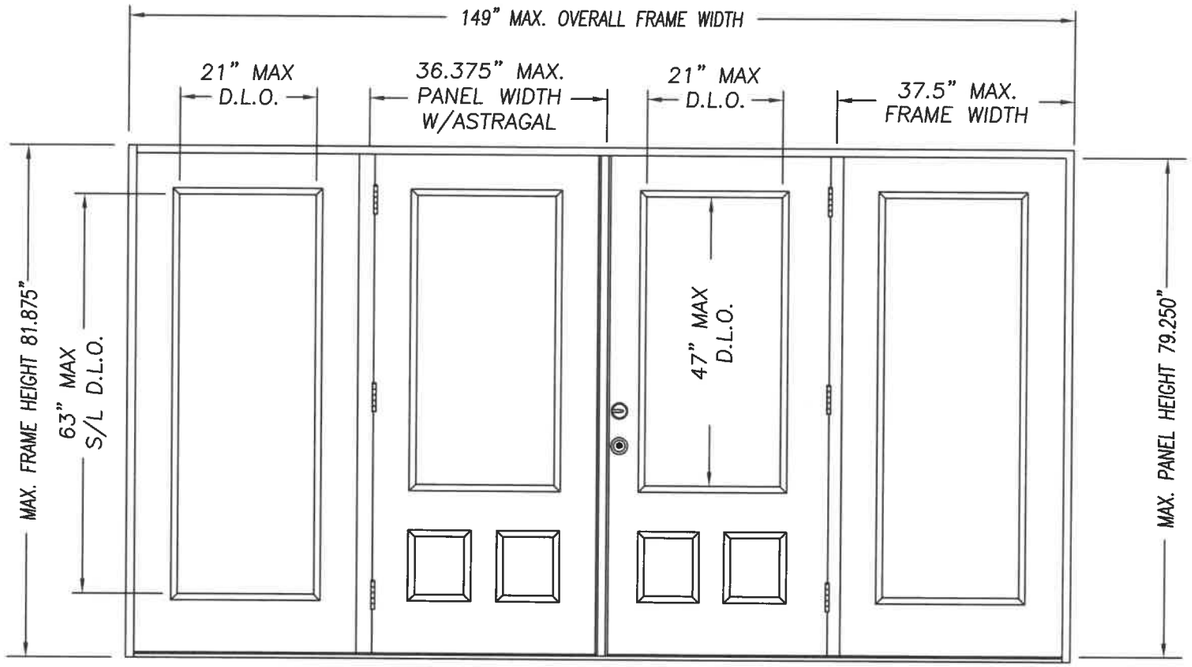
3/4-LITE WOOD-EDGE STEEL DOOR UNIT
6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

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:

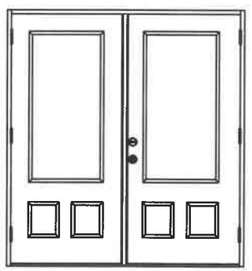
TEST DESCRIPTION	DESIGNATION	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	740 °F > 650 °F
RATE OF BURNING	ASTM D635	0.77 IN/MIN
SMOKE DENSITY	ASTM D2843	13.4%
TENSILE STRENGTH*	ASTM D638	7.1% DIFF

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

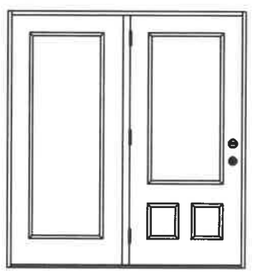


DOUBLE DOOR UNIT W/SIDELITES

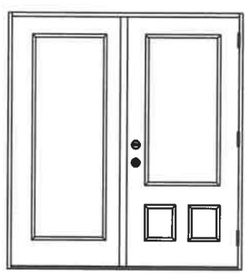
SINGLE DOOR UNIT



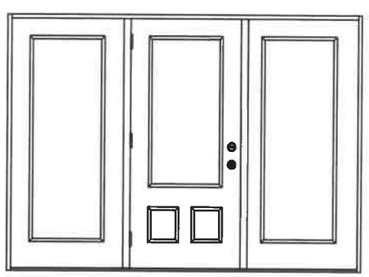
DOUBLE DOOR UNIT



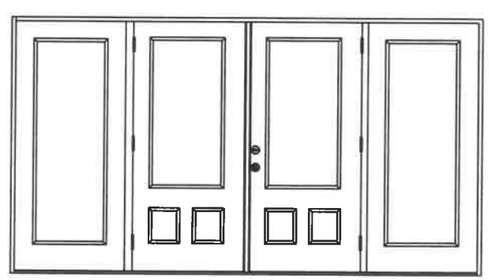
SINGLE DOOR UNIT WITH SIDELITE



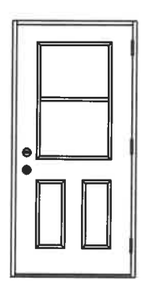
SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES



SINGLE DOOR UNIT WITH VENTLITE

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING INSWING	DESIGN PRESSURE RATING OUTSWING	WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE INSWING	BUMPER O/S	Z-SERIES O/S	HIGH DAM O/S	T4 O/S	HP O/S
X	37.5"	+50.0 / -50.0	+50.0 / -50.0	N/A	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	+50.0 / -50.0
XX	74"	+50.0 / -50.0	+50.0 / -50.0	N/A	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	N/A	N/A
OX or XO	75"	+50.0 / -50.0	+50.0 / -50.0	N/A	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	N/A	N/A
OXO	112.5"	+50.0 / -50.0	+50.0 / -50.0	N/A	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	N/A	N/A
OXXO	149"	+50.0 / -50.0	+50.0 / -50.0	N/A	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	N/A	N/A
X-VENT	37.5"	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A	N/A	N/A	N/A	N/A

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

Addendum to NAMI
Certification No.: NI013747
Reviewed By:
Date Reviewed: 7/27/20

KURT BALTHAZOR
FLORIDA P.E.
#56533

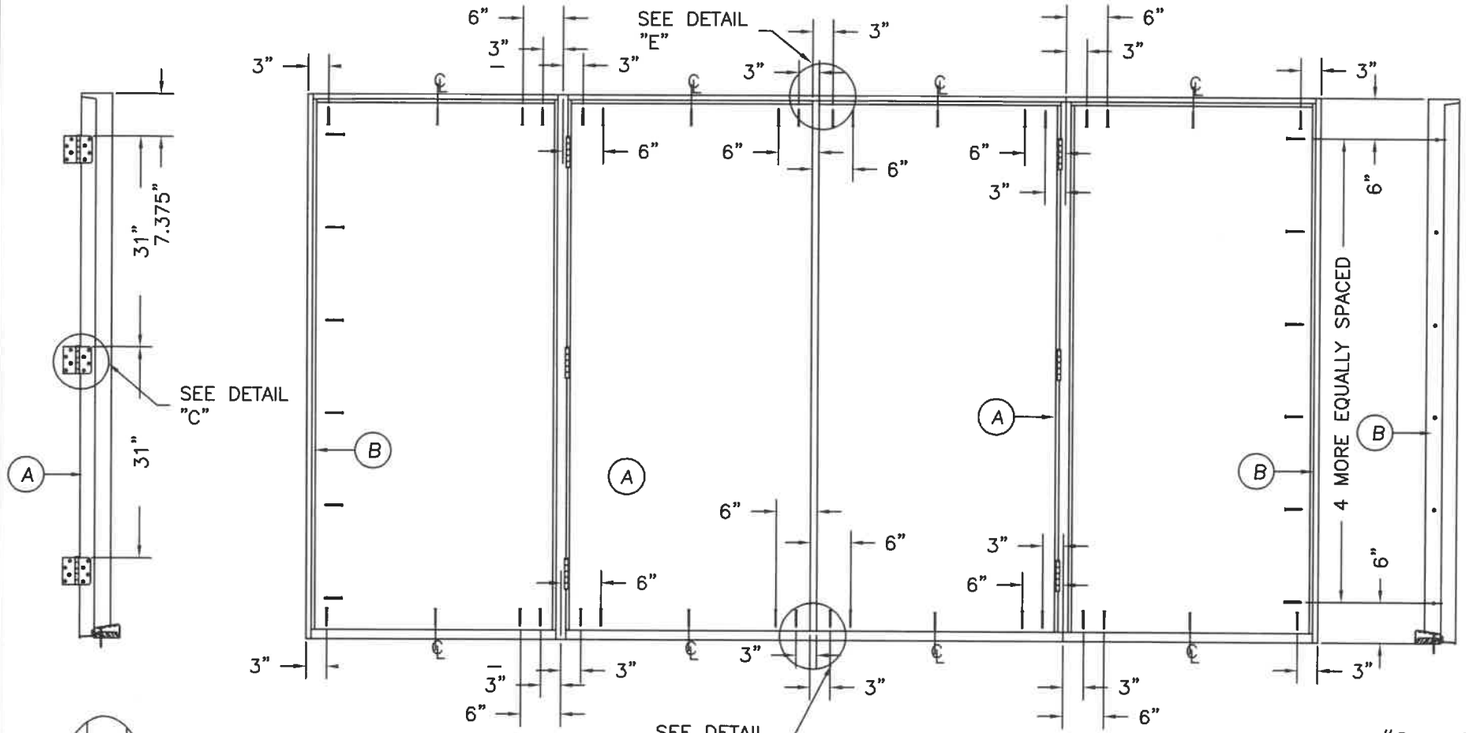
MASONITE INTERNATIONAL CORP.
1955 POWIS ROAD
WEST CHICAGO, IL 60185

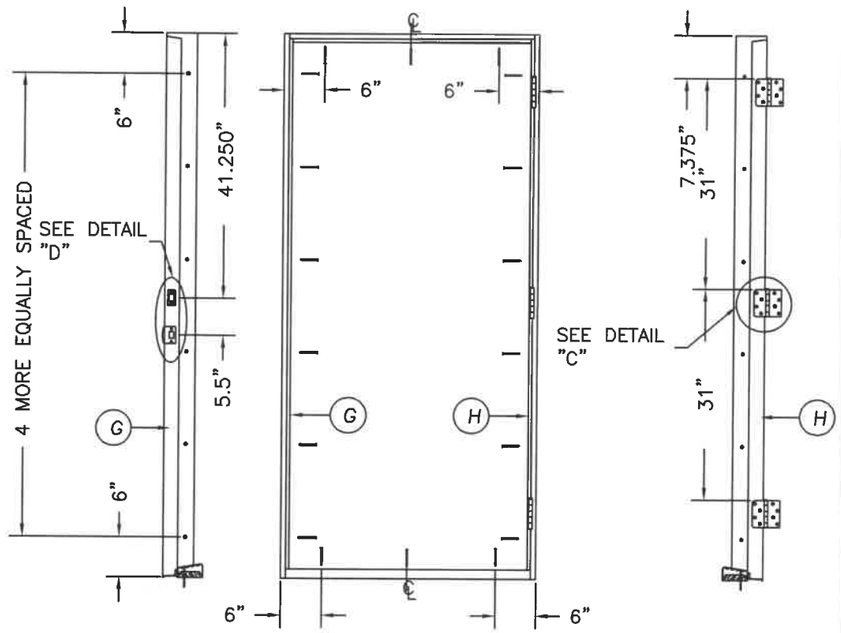
PRODUCT: "EXTERIOR DOOR PRODUCT" DOUBLE 6'8" GLAZED WOOD-EDGE STEEL DOOR

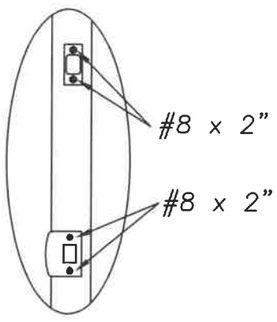
PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES

REVISIONS	DATE	BY
B	7/18/20	SWS
A	4/6/18	SWS
NO.	MISC EDITS ADDED THRESHOLDS	

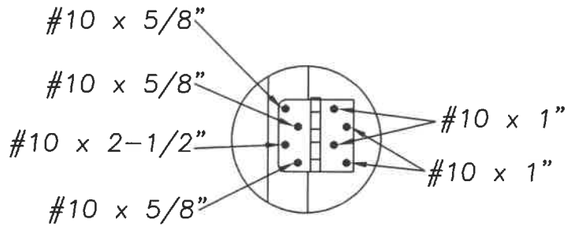
DATE: 5/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.: DWG-MA-FL0214-17
SHEET 1 OF 3



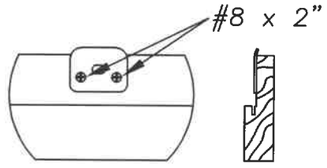




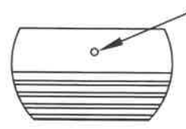
DETAIL "D"



DETAIL "C"

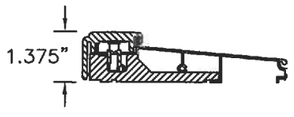


DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT STRIKE PLATE TO FRAME AS SHOWN.

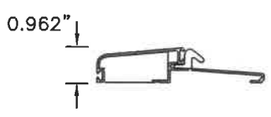


ASTRAGAL RETAINER BOLT HOLE MUST BE DRILLED THROUGH THE THRESHOLD & INTO THE STRUCTURE DEEP ENOUGH FOR A 1.375" THROW

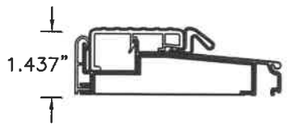
DETAIL "F" ASTRAGAL



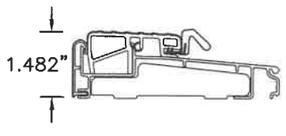
INSWING THRESHOLD



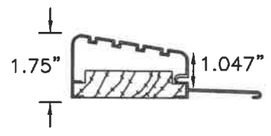
BUMPER O/S THRESHOLD



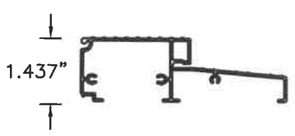
T4 O/S THRESHOLD



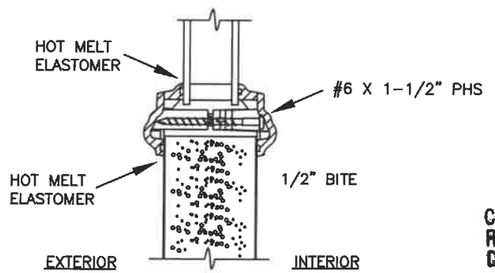
Z-SERIES O/S THRESHOLD



HIGH DAM O/S THRESHOLD



HP O/S THRESHOLD



TYPICAL GLAZING DETAIL
NON-IMPACT GLASS

Addendum to NAMI
Certification No.: NJO13747
Reviewed By:
Date Reviewed: 7/27/20

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

PRODUCT:
"EXTERIOR DOOR PRODUCT"
6'-8" WOOD-EDGE STEEL GLAZED
DOUBLE DOOR UNIT

PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

REVISIONS			
NO.	DATE	ADDED THRESHOLDS	BY
A	4/6/18		SWS

DATE: 5/26/17
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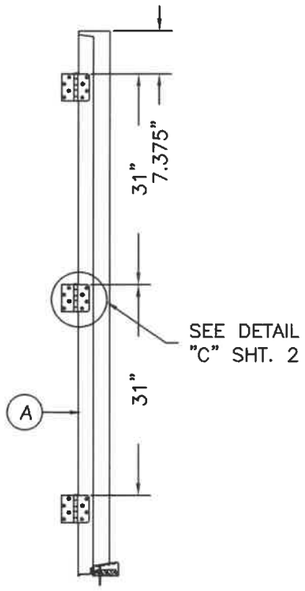
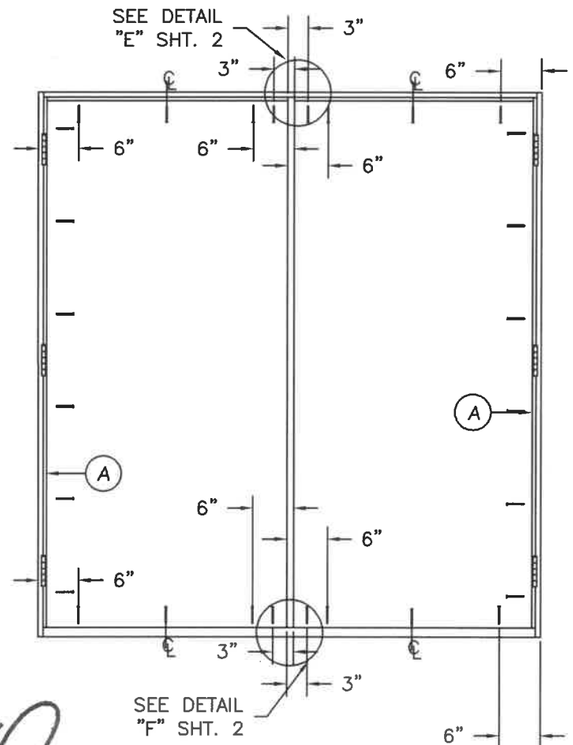
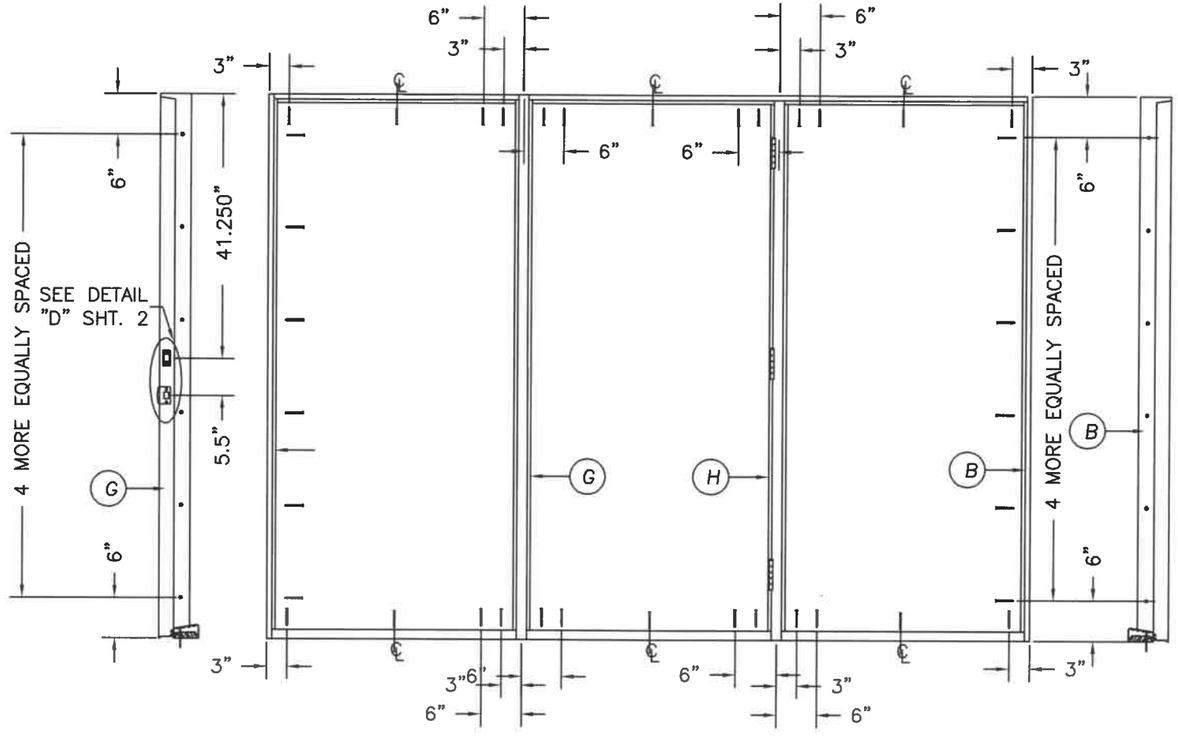
DWG. BY: SWS
CHK. BY:
DRAWING NO.: DWG-MA-FL0214-17
SHEET 2 OF 3







Addendum to NAMI

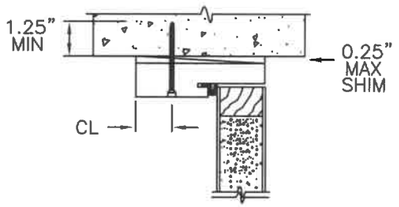
Certification No.: NI013747

Reviewed By:

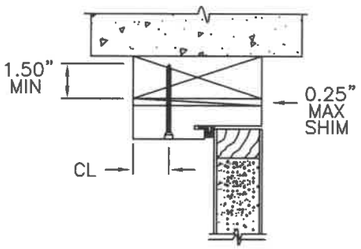
Date Reviewed: 7/27/20

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.



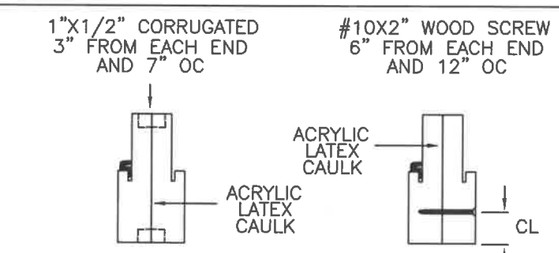
TYPICAL MASONRY
ANCHOR INSTALLATION



TYPICAL WOOD BUCK
ANCHOR INSTALLATION

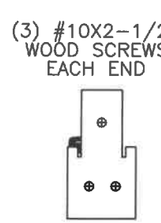
HARDWARE SCHEDULE

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.



COMBINATION WOOD MULLION (BOXED)

COMBINATION WOOD MULLION (BOXED)



INTEGRAL WOOD
MULLION (CHS)

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

PRODUCT:
"EXTERIOR DOOR PRODUCT"
6'-8" WOOD-EDGE STEEL GLAZED
DOUBLE DOOR UNIT

PART OR ASSEMBLY:
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DATE: 5/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FLO214-17
SHEET 3 OF 3