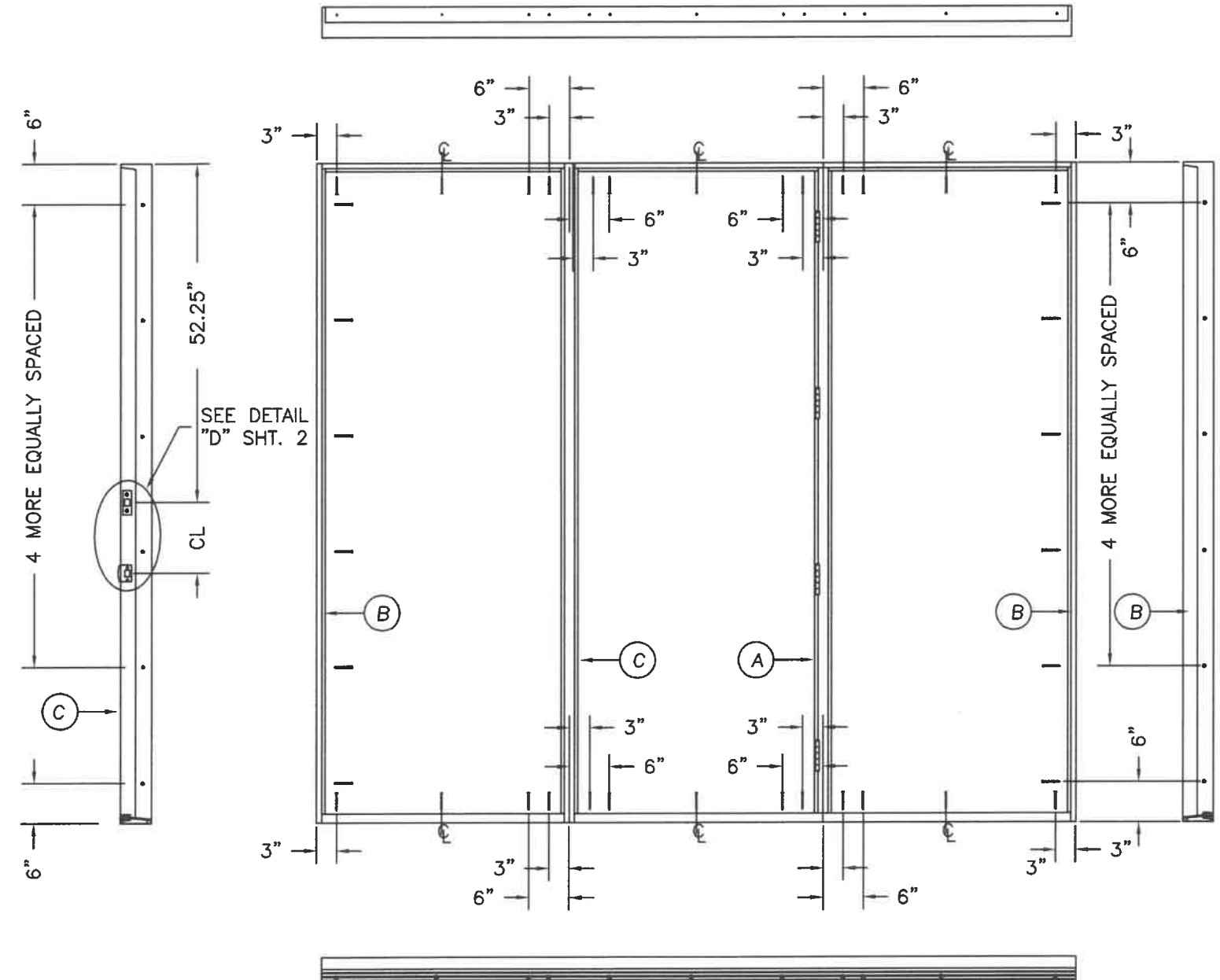


T4 O/S THRESHOLD

DATE: 4/26/17		PRODUCT:	
SCALE: N.T.S.		"EXTERIOR DOOR PRODUCT" 8'0" FIBERGLASS GLAZED DOUBLE DOOR UNIT	
DWG. BY: SWS		PART OR ASSEMBLY:	
CHK. BY:		ANCHORING LOCATIONS & DETAILS	
DRAWING NO.:			
DWG-MA-FL0190-17			
SHEET 2 OF 4			

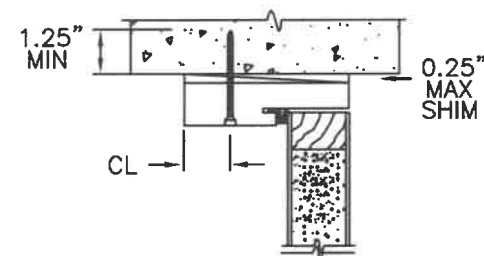


C	10/31/22	TEXT CORRECTIONS	SWS		
B	7/18/20	MISC UPDATE	SWS		
A	11/27/17	UPDATED DATA	SWS		
NO.	DATE		BY		
		REVISIONS			

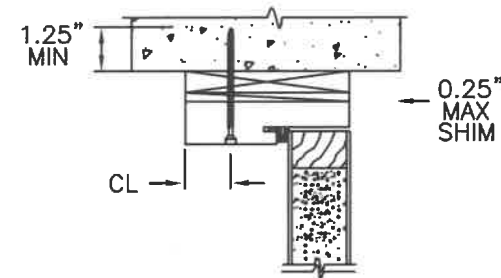
DATE:	4/26/17
SCALE:	N.T.S.
DWG. BY:	SWS
CHK. BY:	
DRAWING NO.:	
DWG-MA-FL0190-17	
SHEET	3 OF 4

PRODUCT:	*EXTERIOR DOOR PRODUCT* 8'0" FIBERGLASS GLAZED DOUBLE DOOR UNIT
PART OR ASSEMBLY:	ANCHORING LOCATIONS & DETAILS

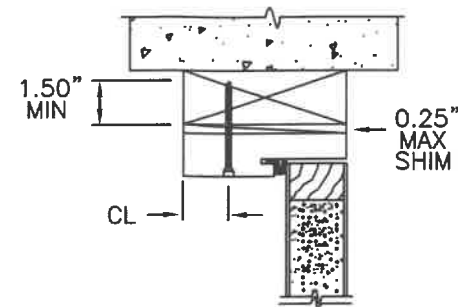
MASONITE INTERNATIONAL CORP.
1955 POWIS RD.
WEST CHICAGO, IL 60185



TYPICAL MASONRY ANCHOR INSTALLATION



1X BUCK MASONRY
ANCHOR INSTALLATION



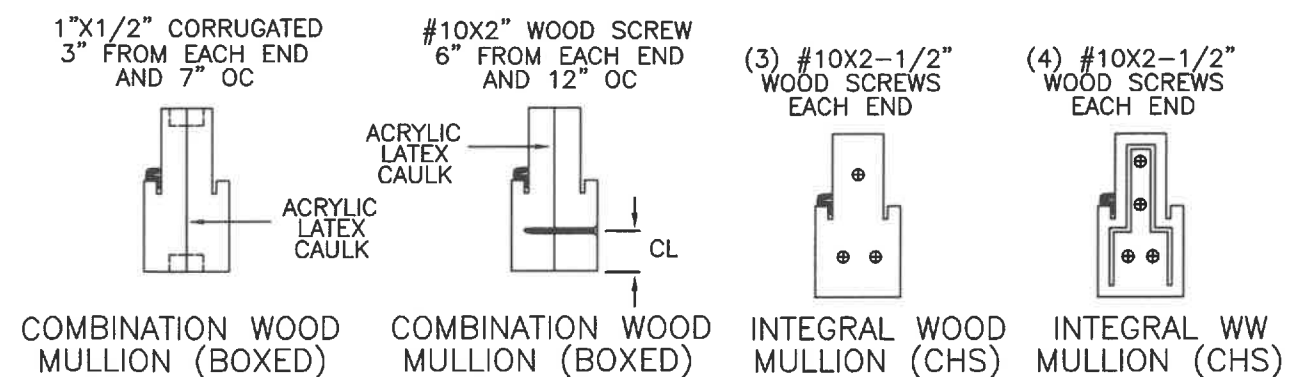
TYPICAL WOOD BUCK ANCHOR INSTALLATION

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, 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".
2. ANCHORING INTO STEEL STRUCTURE MUST BE SUFFICIENT TO ACHIEVE 3 THREADS MINIMUM BEYOND STEEL INTERIOR SURFACE.
3. THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
4. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
5. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.

HARDWARE SCHEDULE

- | | |
|----|--|
| 1. | KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 10-1/2" CENTERLINE. |
| 2. | 4" X 4" FULL MORTISE BUTT HINGES. |



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

PRODUCT:
"EXTERIOR DOOR PRODUCT"
8'0 FIBERGLASS GLAZED
DOUBLE DOOR UNIT

C	10/31/22	TEXT CORRECTIONS	SWS		
B	7/18/20	MISC UPDATE	SWS		
A	11/27/17	UPDATED DATA	SWS		
NO.	DATE	REVISIONS	BY		

DATE:	4/26/17
SCALE:	N.T.S.
DWG. BY:	SWS
CHK. BY:	
DRAWING NO.:	
DWG-MA-FL0190-17	
SHEET	4 OF 4