

**PREMIUM OPAQUE
FIBERGLASS DOOR
IN SWING / OUT SWING
"NON-IMPACT"**

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2007 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product is required to be protected with an impact resistant covering that complies with Section 1626 of the 2007 FBC.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configuration using threshold item #25 meet water infiltration requirements for "HVHZ".
8. Inswing configurations and outswing configuration using threshold item #27 do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

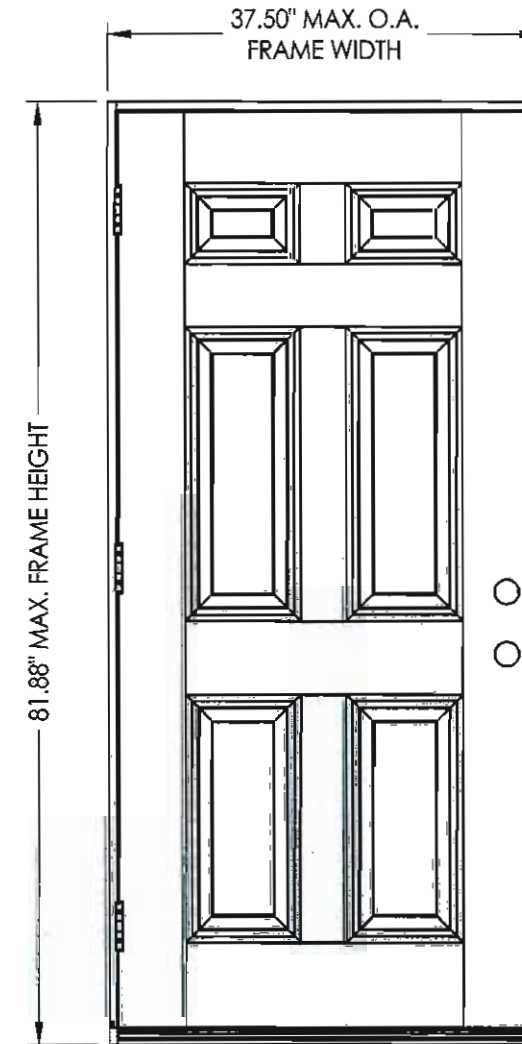


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SWING	MAX. FRAME DIMENSION	GLASS TYPE	DESIGN PRESSURE (FSF)	
			POSITIVE	NEGATIVE
IN SWING	37.50" x 81.88"	G1	+75.0	-75.0
OUT SWING	37.50" x 80.75"		+75.0	-75.0

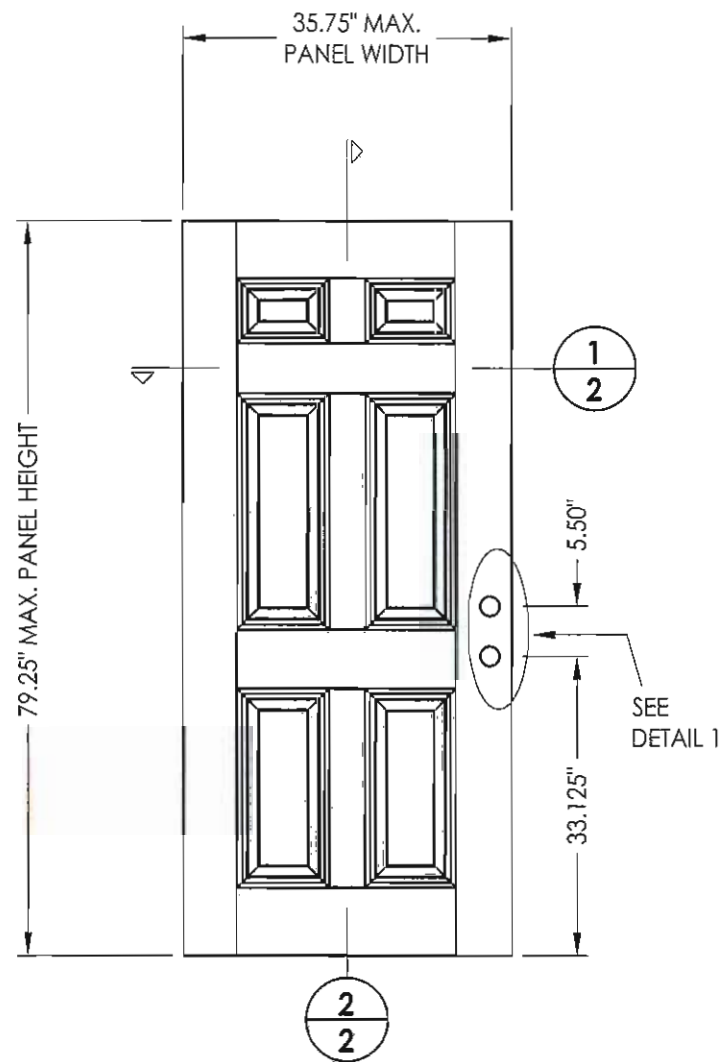
Documents Prepared By: **RW** BUILDING CONSULTANTS, INC.
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Wendell W. Haney
Wendell W. Haney, P.E. No. 54158

PRODUCT: TRINITY GLASS INT'L
PREMIUM OPAQUE FIBERGLASS
PART OR ASSEMBLY: 1
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

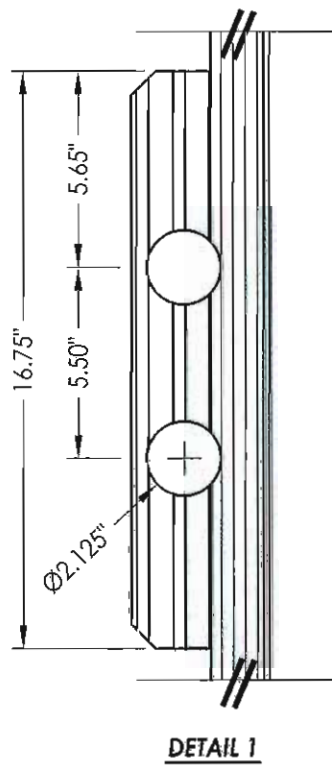
NO.	DATE	BY	REVISIONS

DATE: 5/15/08
SCALE: N.T.S.
DWG. BY: YV
CHK. BY: WWH
DRAWING NO.: FL-11165.8
SHEET 1 OF 8

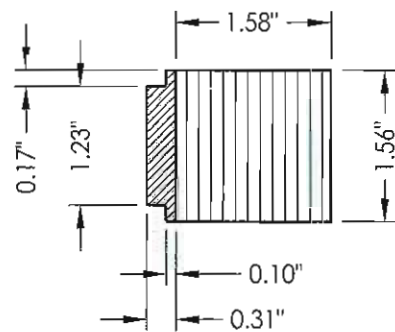
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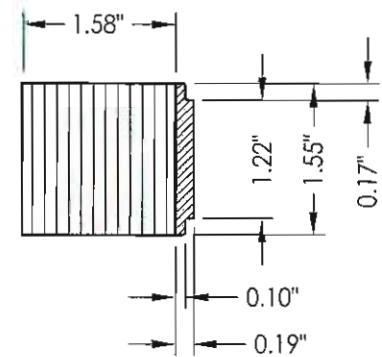
7 PREMIUM OPAQUE FIBERGLASS DOOR



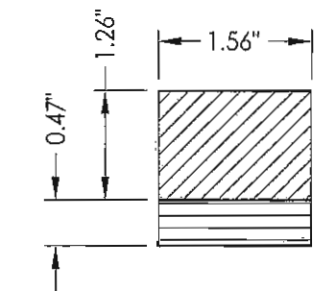
DETAIL 1



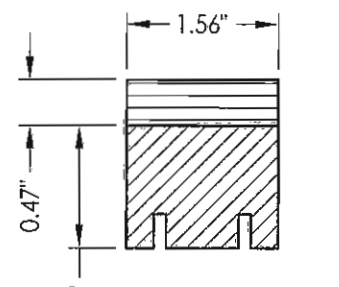
32 HINGE STILE



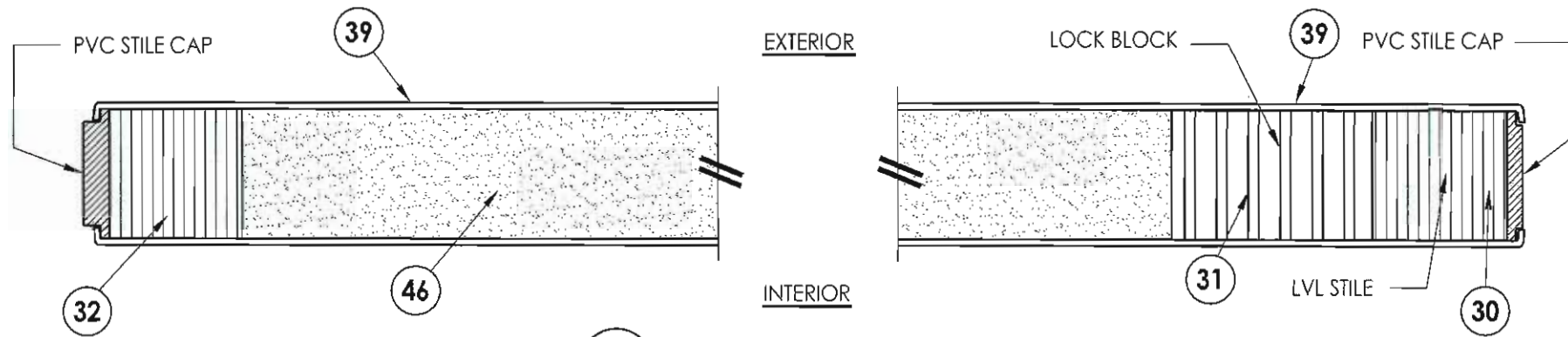
30 LATCH STILE



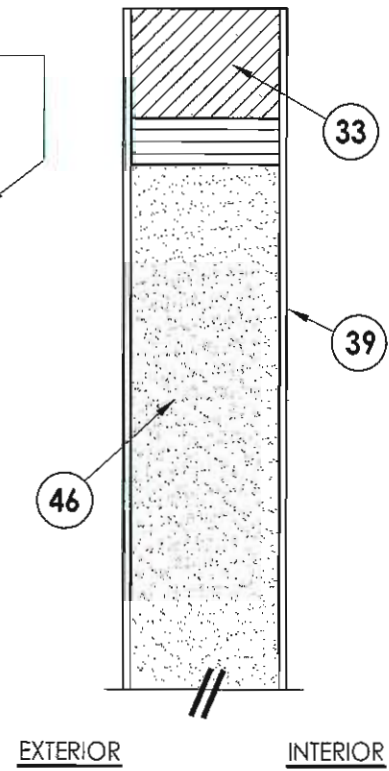
33 TOP RAIL



34 BOTTOM RAIL



1 HORIZONTAL CROSS SECTION



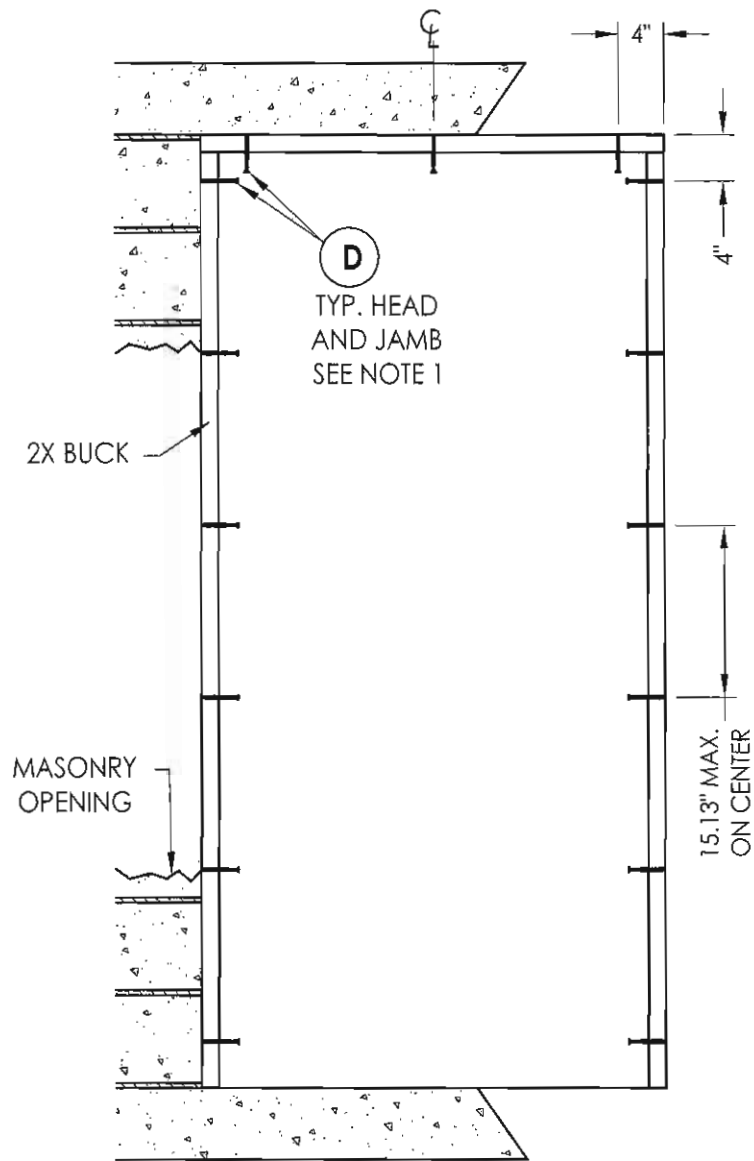
2 VERTICAL CROSS SECTION

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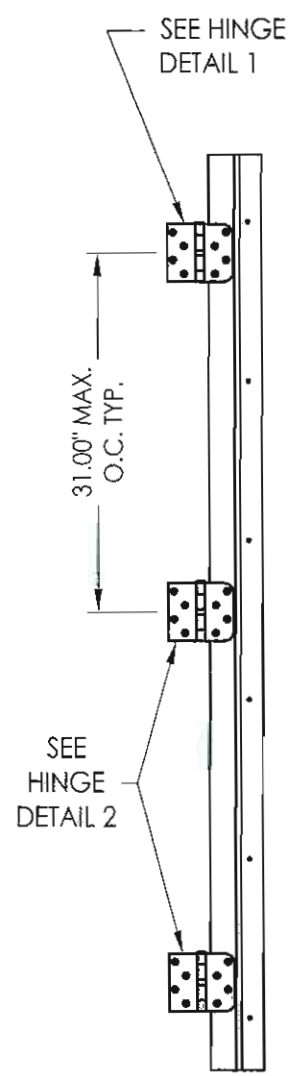
PRODUCT:
 TRINITY GLASS INT'L
 PREMIUM OPAQUE FIBERGLASS
 PART OR ASSEMBLY:
 DOOR PANEL
 CONSTRUCTION DETAILS

NO.	DATE	BY	REVISIONS

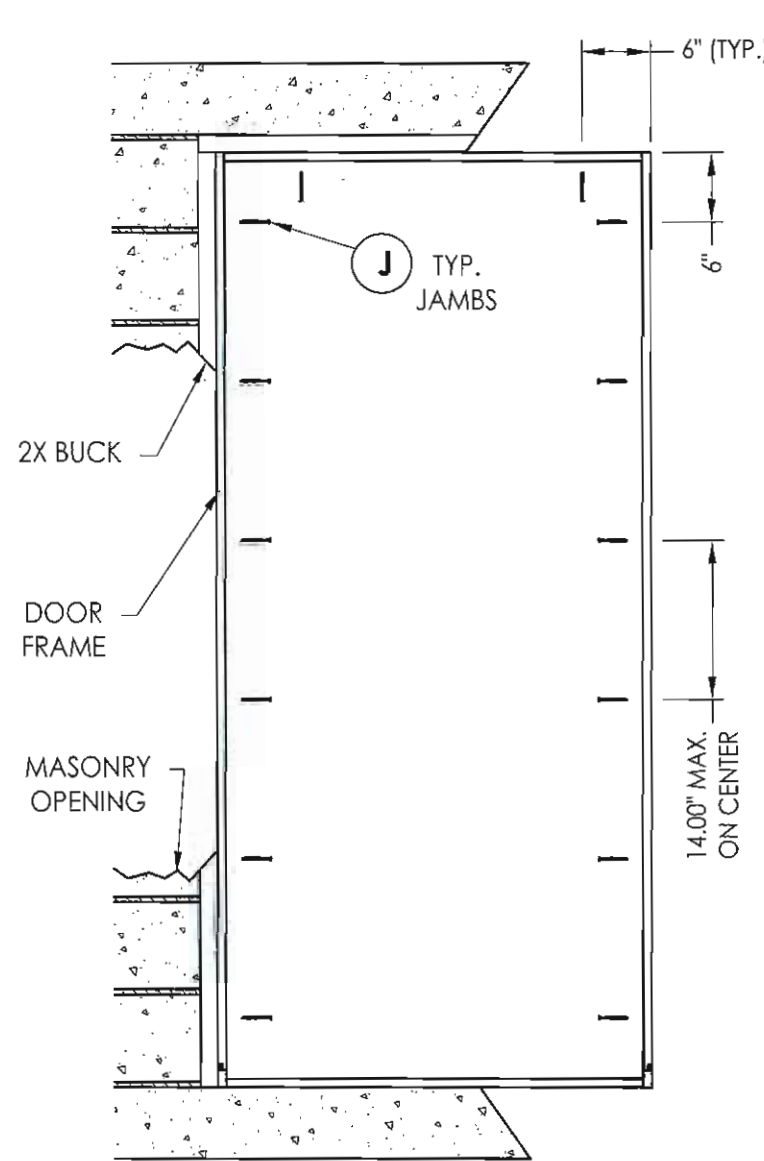
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 CHK. BY: WWH
 DRAWING NO.: FL-11165.8
 SHEET 2 OF 8



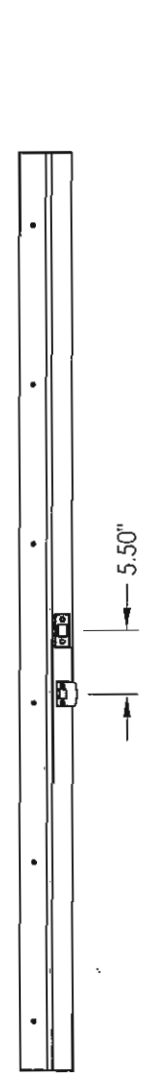
BUCK ANCHORING



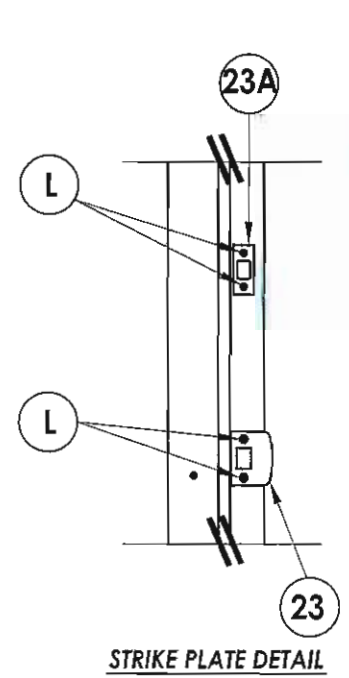
HINGE JAMB



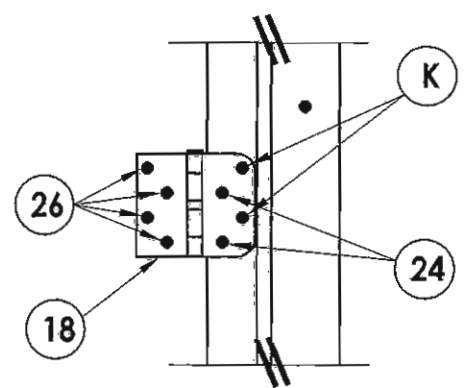
FRAME ANCHORING
Masonry 2X buck construction



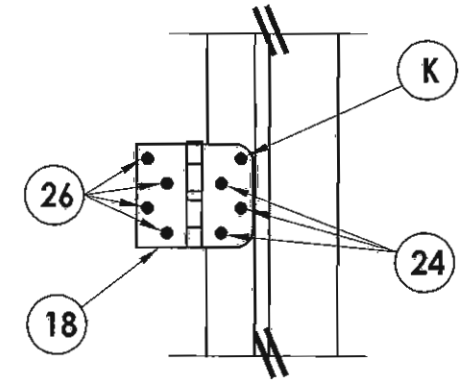
STRIKE JAMB



STRIKE PLATE DETAIL



HINGE DETAIL 1



HINGE DETAIL 2

NOTES:

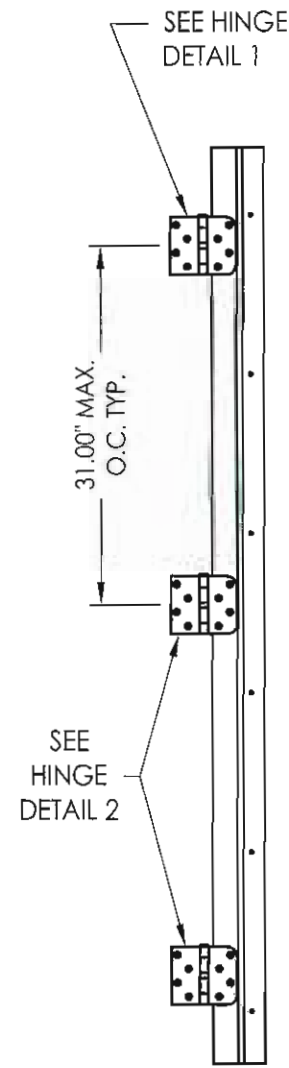
- 1/4" Elco Concrete screws anchoring 2x buck require a minimum 1" clearance to masonry edges, a 1-1/4" minimum embedment and a minimum 4" clearance to adjacent concrete screws. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.

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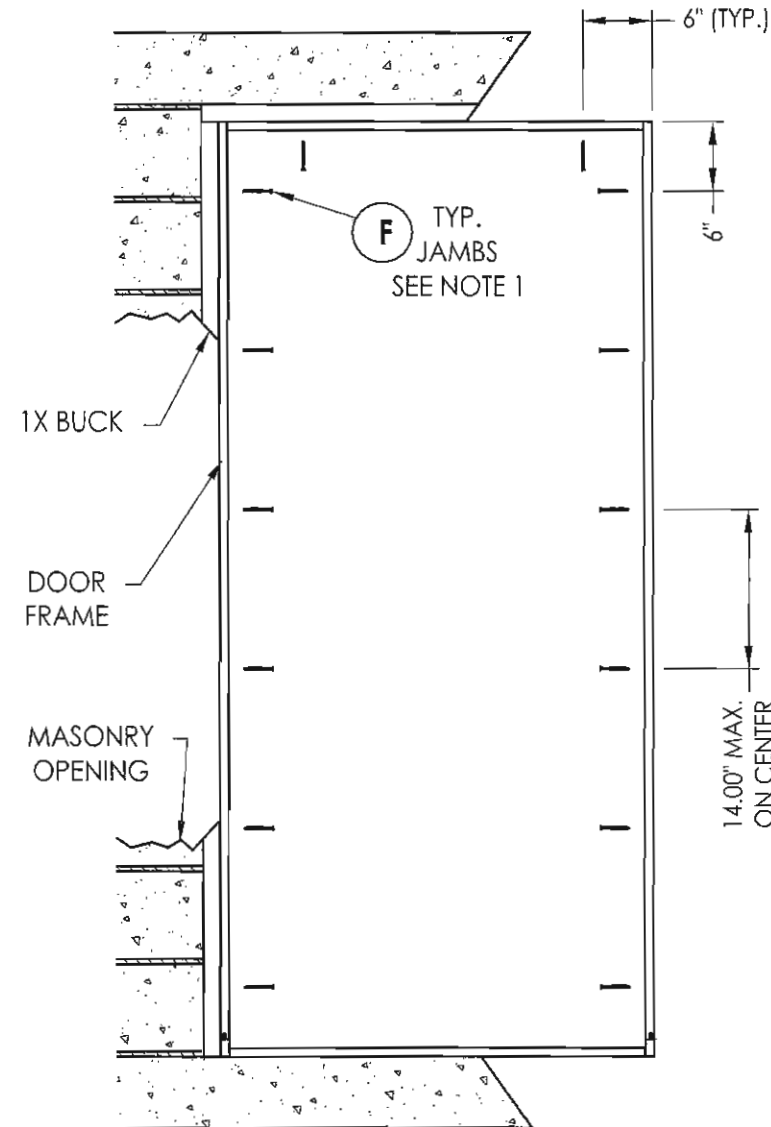
PRODUCT: TRINITY GLASS INT'L PREMIUM OPAQUE FIBERGLASS
 PART OR ASSEMBLY: BUCK AND FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION

NO.	DATE	BY	REVISIONS

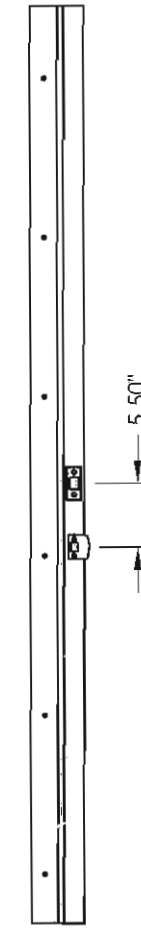
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 DWG. BY: YV
 CHK. BY: WWH
 DRAWING NO.: FL-11165.8
 SHEET 5 OF 8



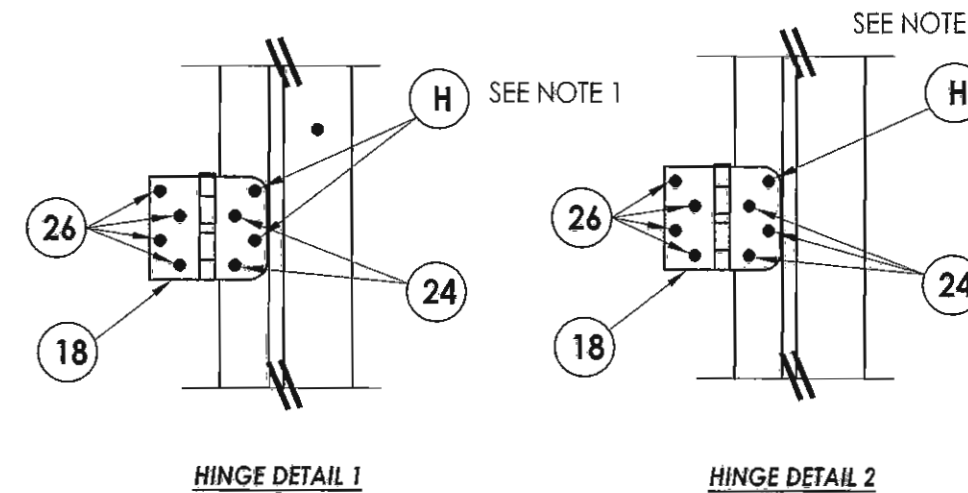
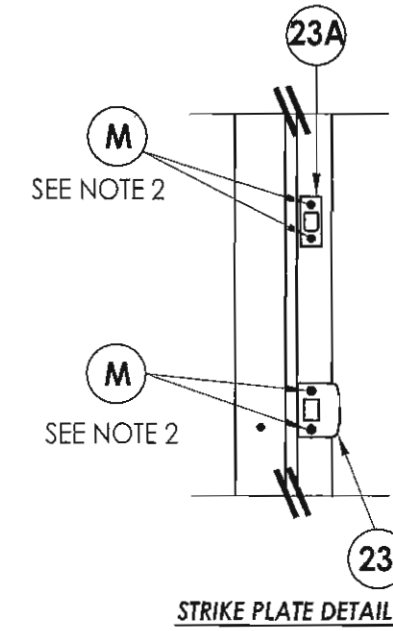
HINGE JAMB



FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB



NOTES:

- 1/4" ITW concrete screws anchoring frame and/or sill require a minimum 2-1/2" clearance to masonry edges, a 1-1/4" minimum embedment and a minimum 3" clearance to adjacent concrete screws. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
- 3/16" ITW concrete screws anchoring frame and/or sill require a minimum 2-5/8" clearance to masonry edges, a 1-1/4" minimum embedment and a minimum 2-1/4" clearance to adjacent concrete screws unless otherwise noted by concrete screw manufacturer.

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PRODUCT: TRINITY GLASS INT'L PREMIUM OPAQUE FIBERGLASS
 PART OR ASSEMBLY: FRAME ANCHORING 1X BUCK MASONRY CONSTRUCTION

NO.	DATE	BY	REVISIONS

DATE: 5/15/08
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 DWG. BY: YV
 CHK. BY: WWH
 DRAWING NO.: FL-11165.8
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