



4621 192nd STREET EAST TACOMA, WA 98446
 TEL: 253-875-7300 FAX: 253-875-7301

PREMIUM OPAQUE FIBERGLASS INSWING / OUTSWING "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2007 Florida Building Code (FBC) structural requirements excluding 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 areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2007 FBC and does not need to be protected with an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

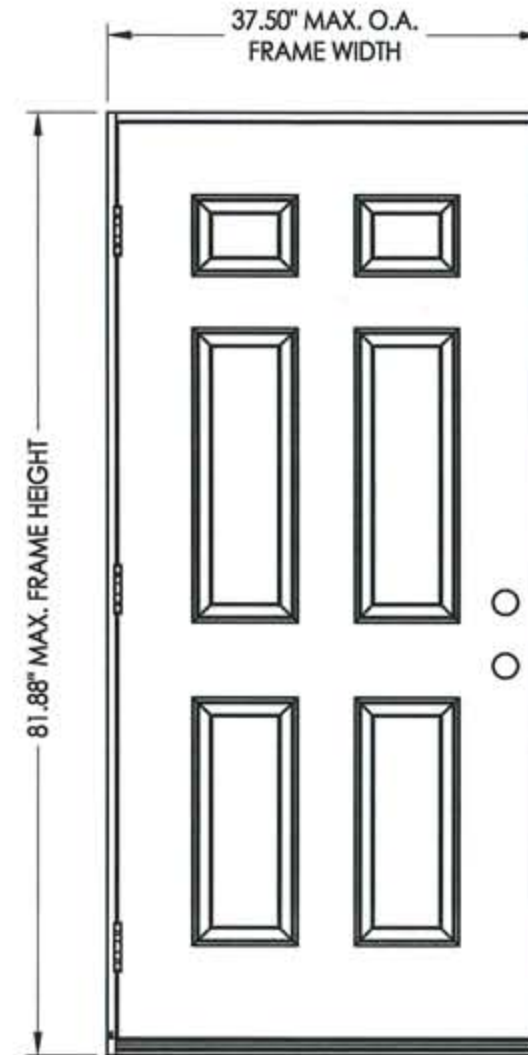


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SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.50" x 81.88"	+75.0	-75.0
OUTSWING	37.50" x 80.75"	+75.0	-75.0

Documents Prepared By:

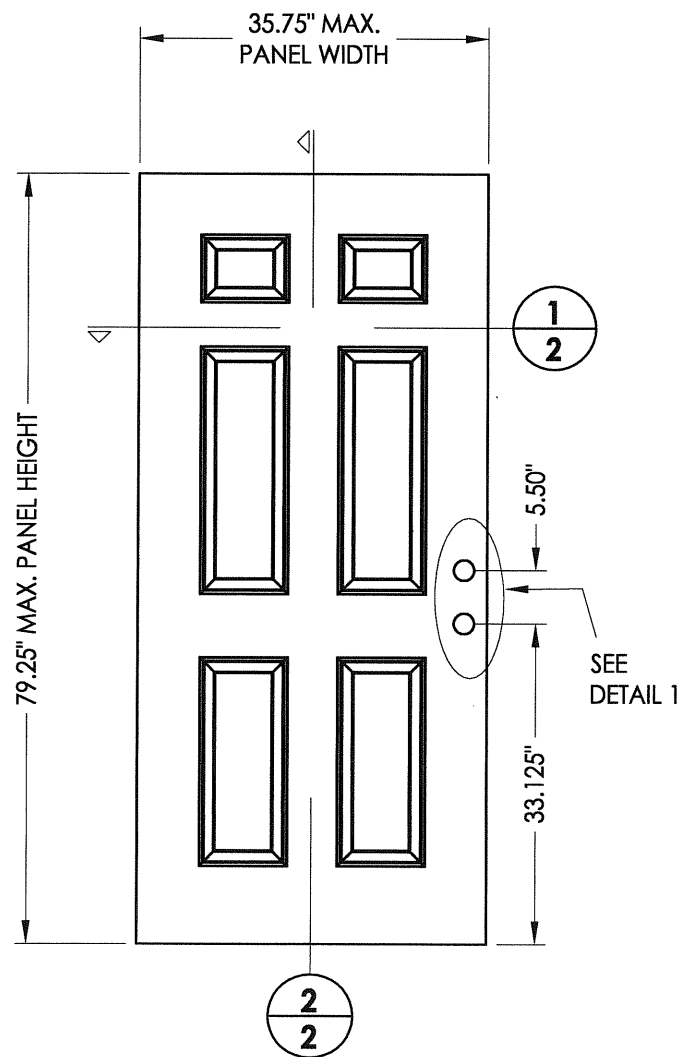
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9187
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
Wendell W. Honey 7-10-08
 Wendell W. Honey, P.E. No. 54158

PRODUCT: TRINITY GLASS INT'L
 6'8" PREMIUM OPAQUE

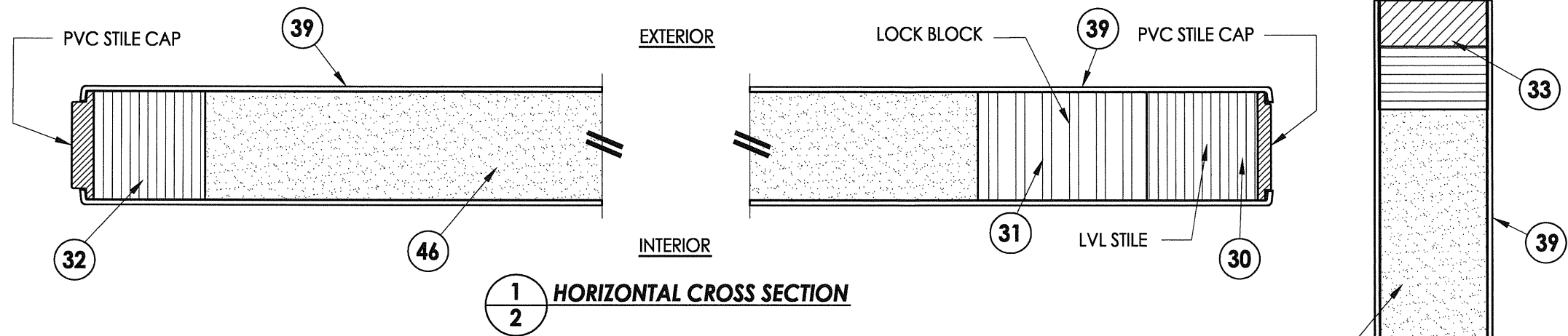
PART OR ASSEMBLY:
 TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

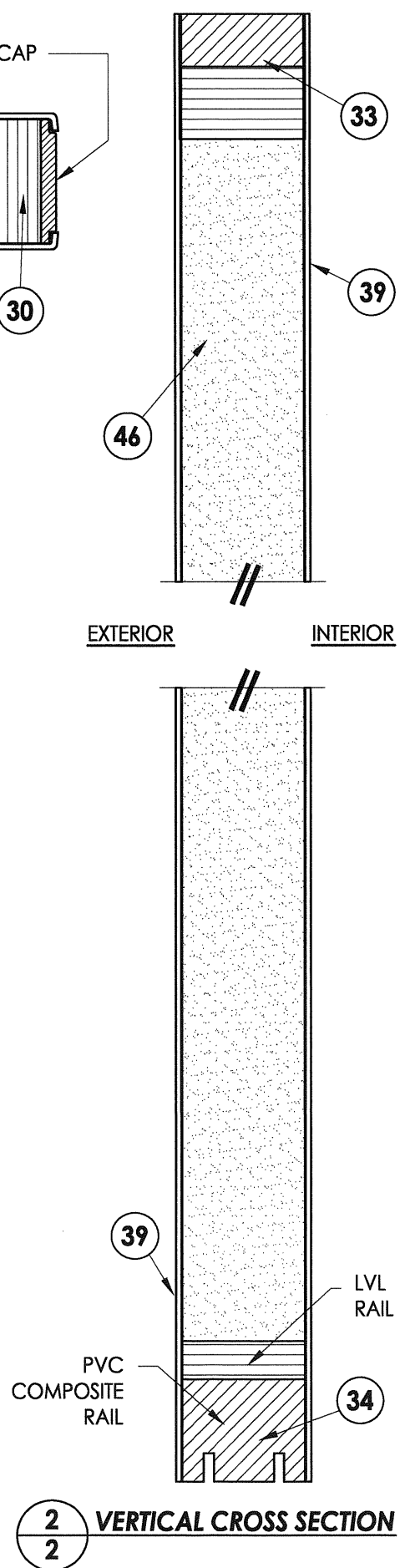
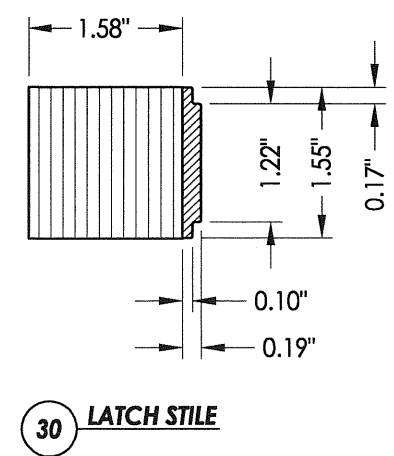
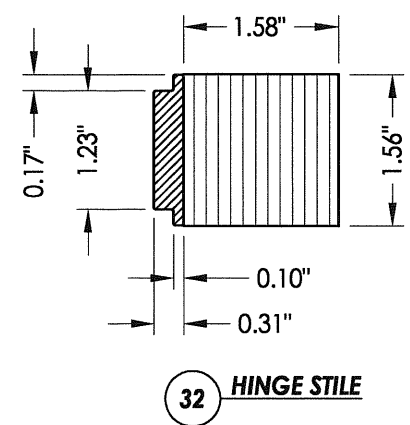
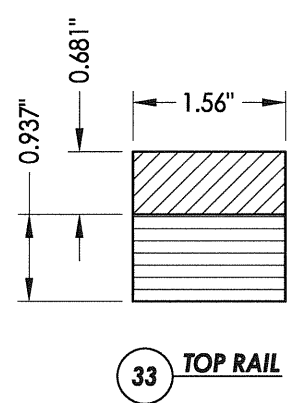
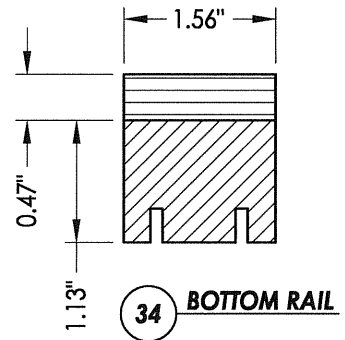
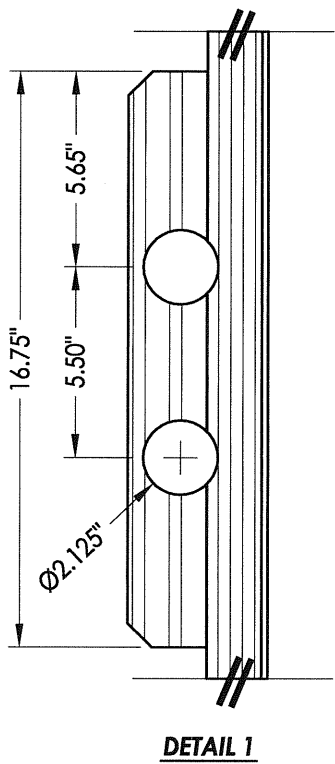
DATE: 4/29/08
 SCALE: N.T.S.
 DWG. BY: YV
 CHK. BY: WWH
 DRAWING NO.: FL-4366.1
 SHEET 1 OF 8



7 PREMIUM OPAQUE DOOR "IMPACT"



1
2 HORIZONTAL CROSS SECTION

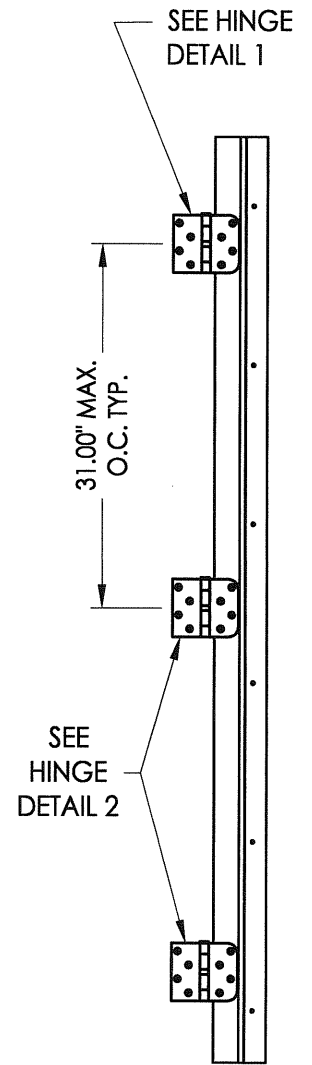


2
2 VERTICAL CROSS SECTION

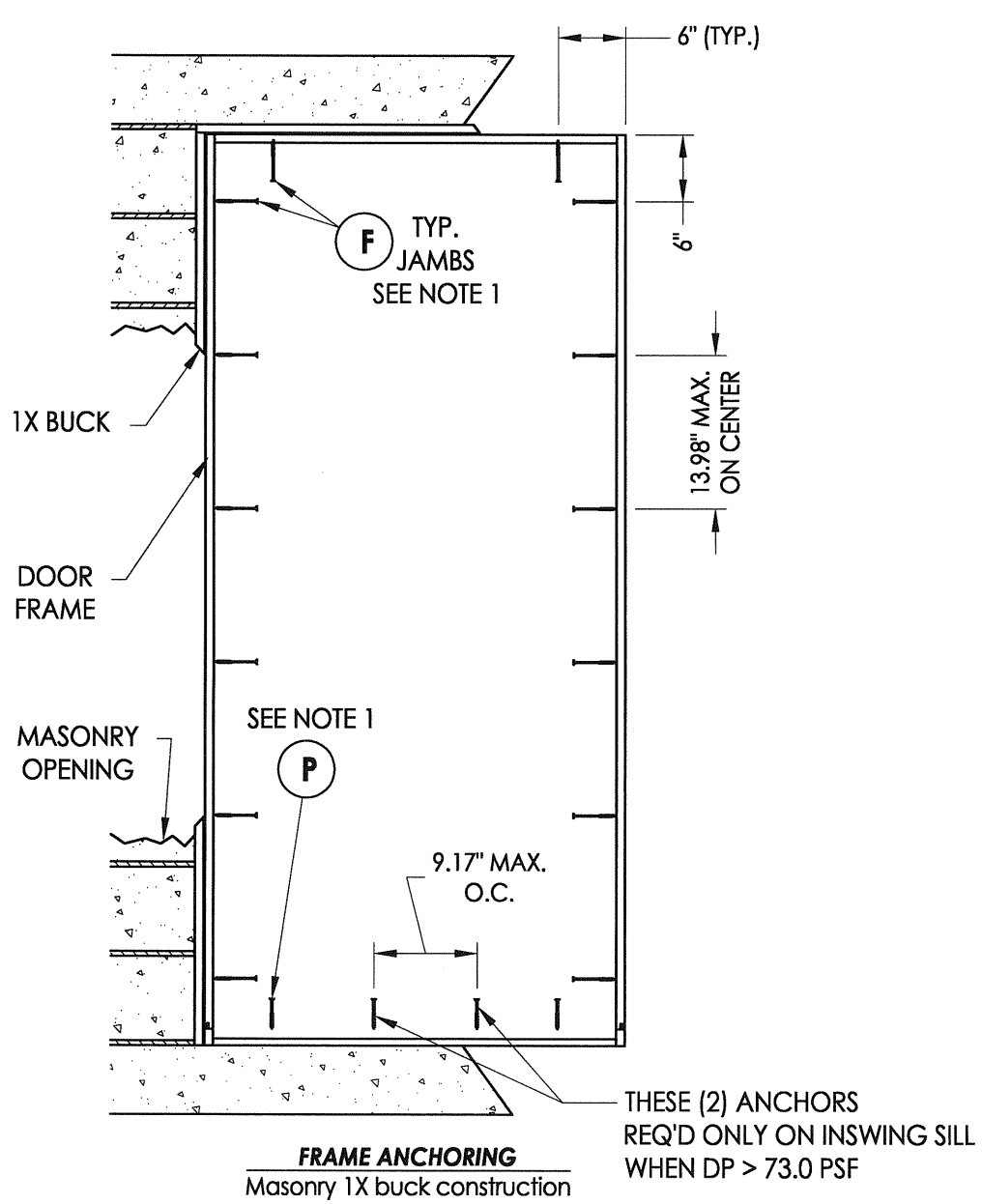
Documents Prepared By: R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

PRODUCT:	TRINITY GLASS INT'L 6 8 PREMIUM OPAQUE	
PART OR ASSEMBLY:	DOOR PANEL CONSTRUCTION DETAILS	
NO.	DATE	BY
REVISIONS		
DATE:	4/29/08	
SCALE:	N.T.S.	
DWG. BY:	YV	
CHK. BY:	WWH	
DRAWING NO.:	FL-4366.1	
SHEET	2	OF 8

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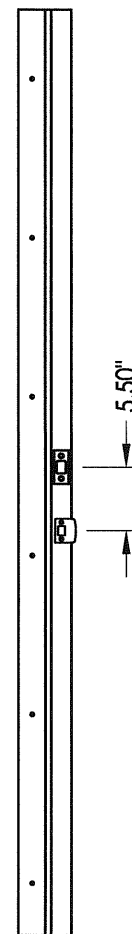


HINGE JAMB

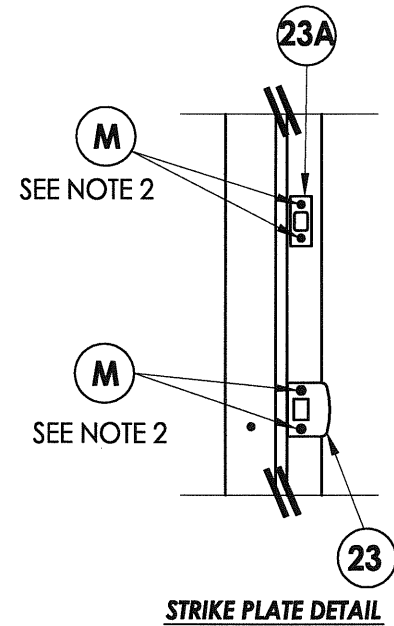


FRAME ANCHORING
Masonry 1X buck construction

THESE (2) ANCHORS
REQ'D ONLY ON INSWING SILL
WHEN DP > 73.0 PSF



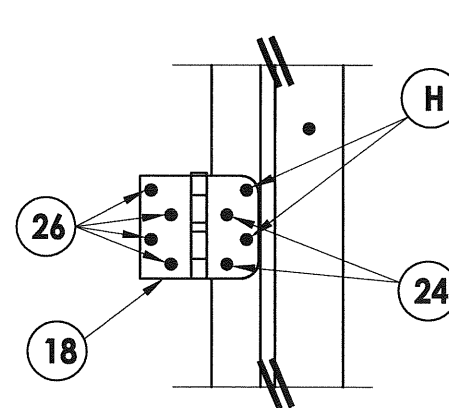
STRIKE JAMB



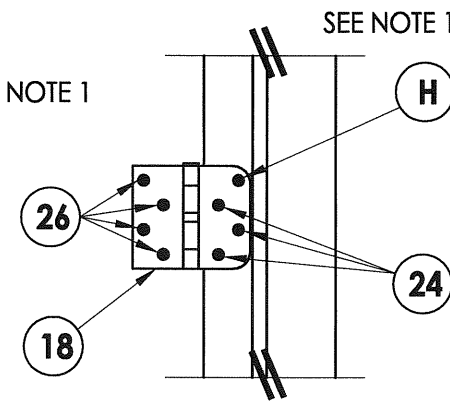
STRIKE PLATE DETAIL

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.



HINGE DETAIL 1



HINGE DETAIL 2

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Wendell W. Hafney, P.E. No. 54158

PRODUCT: TRINITY GLASS INT'L
6 8 PREMIUM OPAQUE

PART OR ASSEMBLY: FRAME ANCHORING
1X BUCK MASONRY CONSTRUCTION

NO.	DATE	BY	REVISIONS

DATE: 4/29/08
SCALE: N.T.S.
DWG. BY: YV
CHK. BY: WWH
DRAWING NO.: FL-4366.1
SHEET 6 OF 8

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