



COLUMBIA COUNTY PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online at www.floridabuilding.org.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Reliabt	Double Hung Window	20471.6
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	Reliabt	Picture Window	20471.1
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
A. ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; **(1)** copy of the product approval **(2)** performance characteristics which the product was tested and certified to comply with **(3)** copy of the applicable manufacturer's installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

6/30/2023

APPLICANT SIGNATURE

DATE


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Product Approval
USER: Public User

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Search Criteria
[Refine Search](#)

Code Version	2020	FL#	20471.1
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL20471-R10 History	Revision	Atrium Windows & Doors FL#: FL20471.1 Model: Series 120/130 Description: Picture Window Category: Windows Subcategory: Fixed	National Accreditation & Management Institute (804) 684-5124	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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FL #	FL20471-R10								
Application Type	Revision								
Code Version	2020								
Application Status	Approved								
Comments									
Archived	☐								
Product Manufacturer	Atrium Windows & Doors								
Address/Phone/Email	300 Welcome Center Blvd. Welcome, NC 27374 (800) 542-9118 Ext 413596 luanne.harris@cornerstone-bb.com								
Authorized Signature	Harris Luanne luanne.harris@cornerstone-bb.com								
Technical Representative	Luanne Harris								
Address/Phone/Email	300 Welcome Center Blvd. Welcome, NC 24374 (800) 542-9118 Ext 413596 luanne.harris@cornerstone-bb.com								
Quality Assurance Representative									
Address/Phone/Email									
Category	Windows								
Subcategory	Fixed								
Compliance Method	Certification Mark or Listing								
Certification Agency	National Accreditation & Management Institute								
Validated By	National Accreditation & Management Institute								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>AAMA 450</td><td>2010</td></tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td><td>2011</td></tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td><td>2008</td></tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	AAMA 450	2010	AAMA/WDMA/CSA 101/I.S.2/A440	2011	AAMA/WDMA/CSA 101/I.S.2/A440	2008
<u>Standard</u>	<u>Year</u>								
AAMA 450	2010								
AAMA/WDMA/CSA 101/I.S.2/A440	2011								
AAMA/WDMA/CSA 101/I.S.2/A440	2008								
Equivalence of Product Standards									
Certified By									
Product Approval Method	Method 1 Option A								
Date Submitted	12/14/2020								
Date Validated	12/14/2020								
Date Pending FBC Approval									

ATRIUM COMPANIES, INC.

SERIES 120/130

VINYL FIXED WINDOW (NON HVHZ)(NON IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED TO ACHIEVE A PLUMB AND LEVEL INSTALLATION WITH LOAD BEARING SHIM(S) LOCATE SHIMS ADJACENT TO ANCHORS WHEN USING THROUGH FRAME INSTALLATION. MAXIMUM ALLOWABLE SHIM STACK TO BE $1/4$ INCH. SHIM WHERE SPACE OF $1/16$ INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME:** FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE $1 1/2"$ MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. SCREWS SHOULD BE INSTALLED WITH A MINIMUM OF $3/4"$ EDGE DISTANCE IN WOOD.
- THROUGH FRAME:** FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #10 SELF-DRILLING SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE. SCREWS SHOULD BE INSTALLED WITH A MINIMUM OF $3/4"$ EDGE DISTANCE IN METAL.
- THROUGH FRAME:** FOR INSTALLATION INTO CONCRETE/MASONRY USE $3/16"$ ITW TAPCON SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE $1 1/2"$ MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. SCREWS SHOULD BE INSTALLED WITH A MINIMUM OF $2 1/2"$ EDGE DISTANCE IN CONCRETE/MASONRY.
- THROUGH FIN:** FOR INSTALLATION INTO WOOD FRAMING USE #8 WOOD SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE $1 1/2$ INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. SCREWS SHOULD BE INSTALLED WITH A MINIMUM OF $1/2"$ EDGE DISTANCE IN WOOD.
- THROUGH FIN:** FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #8 SELF TAPPING SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE. SCREWS SHOULD BE INSTALLED WITH A MINIMUM OF $1/2"$ EDGE DISTANCE IN METAL.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM ALLOY 6063-T5. MIN. WALL THICKNESS OF $1/16"$ (0.0625").
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
 - CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/VDMA/CSA 101/1.5.2/A440-11
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAILS

- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL & INSTALLATION NOTES
2	ELEVATIONS & ANCHOR LAYOUT
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS AND GLAZING DETAIL

MAX O.A. SIZE	DESIGN PRESSURE	INSTALLATION	GLAZING	MISSILE IMPACT
WIDTH	POSITIVE	METHOD	DETAIL	RATING
72"	50 PSF	FINLESS		
72"	50 PSF	FIN	G2	
48"	50 PSF	FINLESS		
48"	50 PSF	FIN	G1	
96"	50 PSF	FIN	G2	NON-IMPACT

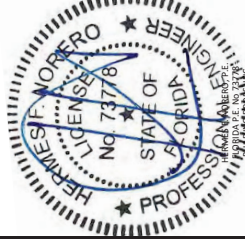


TITLE:

SERIES 120/130
VINYL FIXED WINDOW
(NON HVHZ)(NON IMPACT)
ELEVATIONS & ANCHOR LAYOUT

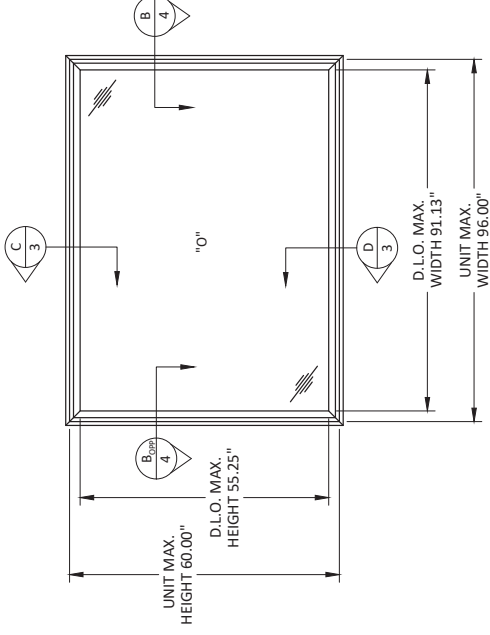
REMARKS	BY	DATE
2020 FBC UPDATE	NJS	08.17.20

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL INSTRUCTIONS ONLY. THEY ARE NOT TO BE USED AS A BASIS FOR THE DESIGN OF ANY STRUCTURE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THAT THE SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED ENGINEER OR ARCHITECT MUST SIGN AND SEAL ANY CHANGES TO THESE DETAILS. THESE DETAILS ARE NOT TO BE USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN CONSENT OF BUILDING DROPS, INC.

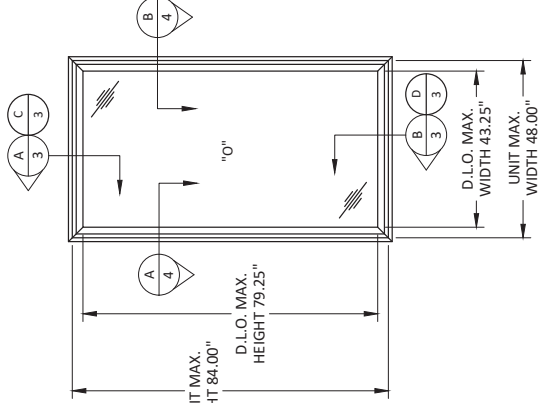


398 E. DANNA BEACH BLVD. # 338
DANNA BEACH, NC 28504
PH: (919) 399-8478
FAX: (919) 399-8478
WEB: www.buildingdrops.com
FBC CERT. OF AUTHORIZATION No. 29578

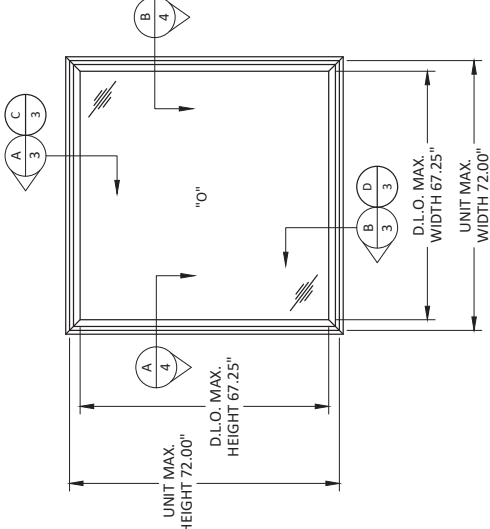
FL #:	FL20471
DATE:	02.24.2020
DWG. BY:	SM
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	ATR133
SECTION:	2



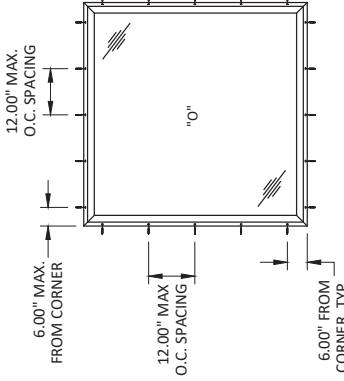
TYPICAL ELEVATION



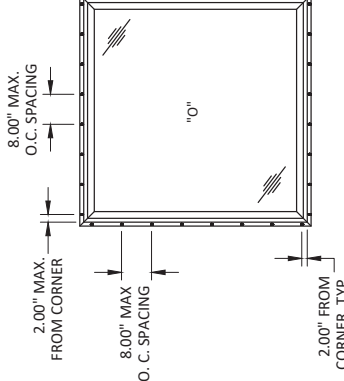
TYPICAL ELEVATION



TYPICAL ELEVATION



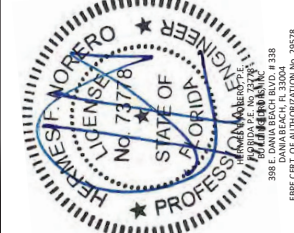
TYPICAL ANCHOR LAYOUT
THROUGH FRAME



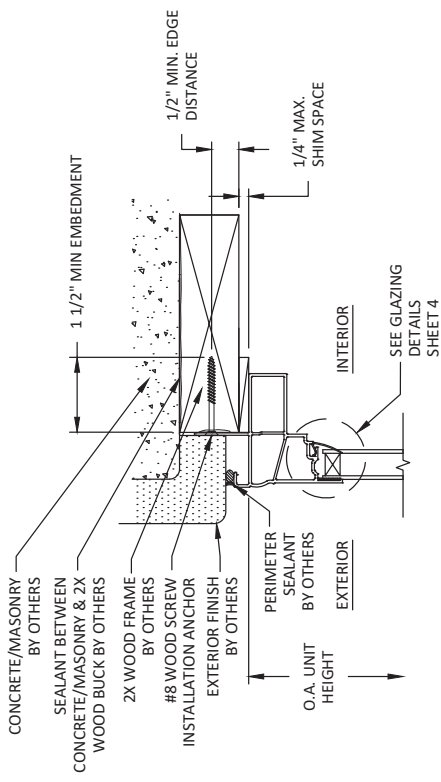
TYPICAL ANCHOR LAYOUT
NAIL FIN

REMARKS	BY	DATE
2020 FBC UPDATE	NJS	08.17.20

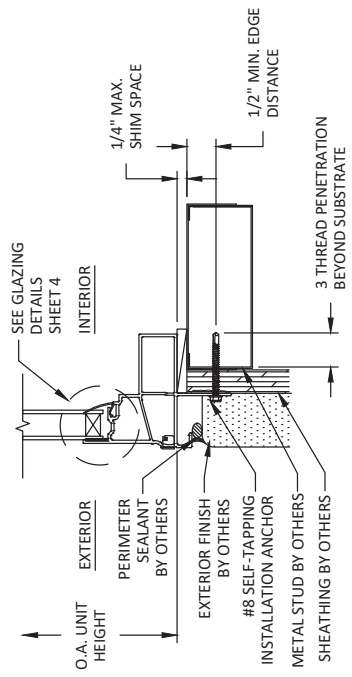
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC IN NATURE AND ARE NOT TO BE USED AS A BASIS FOR ANY SPECIFIC SITE OR SITE CONDITIONS CAUSING INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED ENGINEER OR ARCHITECT MUST REVIEW AND SIGN ANY SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



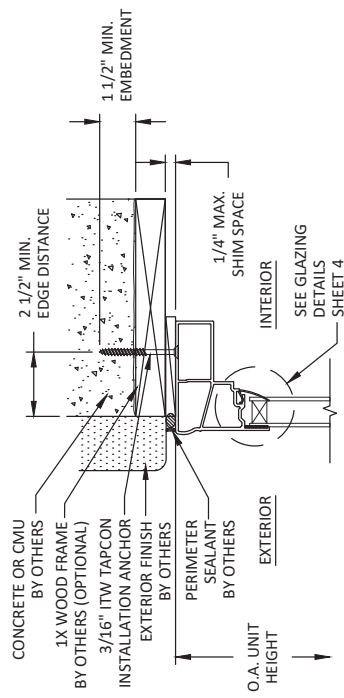
FL #: **FL20471**
DATE: **02.24.2020**
DWG. BY: **SM** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **ATR133**
SECTION: **3**



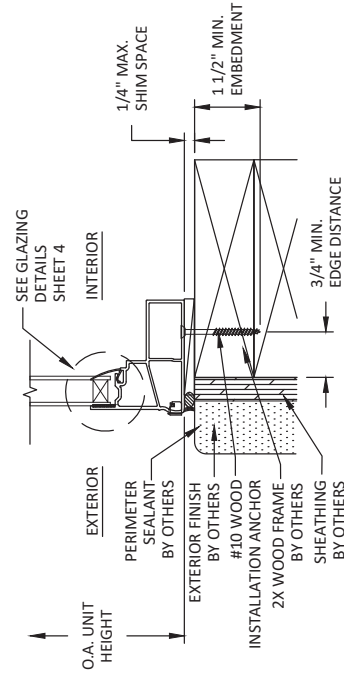
A VERTICAL SECTION
3 HEAD - 2X BUCK WITH CONCRETE/MASONRY NAIL FIN INSTALLATION



B VERTICAL SECTION
3 SILL - METAL STUD FRAME NAIL FIN INSTALLATION



C VERTICAL SECTION
3 HEAD - 1X BUCK WITH CONCRETE/MASONRY THROUGH FRAME INSTALLATION



D VERTICAL SECTION
3 SILL - 2X WOOD FRAME THROUGH FRAME INSTALLATION

ATRUM

WINDOWS AND DOORS

ATRIUM COMPANIES, INC.

300 Wilcomet Center Blvd.

Wakefield, NC 27374

(800) 542-9118

SERIES 120/130

VINYL FIXED WINDOW

(NON HVHZ)(NON IMPACT)

HORIZONTAL SECTIONS

AND GLAZING DETAILS

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338

DADE COUNTY, FL 33104

PH: (954) 399-8478

FAX: (954) 744-4738

WEB: www.buildingdrops.com

REMARKS	BY	DATE
2020 FBC UPDATE	NJS	08.17.20

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND NOT TO BE USED FOR ANY SPECIFIC PROJECT WITHOUT THE CONSULTATION OF THE ENGINEER. THE ENGINEER'S RESPONSIBILITY IS TO VERIFY THAT THE SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED ENGINEER MUST SIGN AND DATE THIS DOCUMENT. THIS IS A SPECIFIC DOCUMENT FOR USE WITH THIS DOCUMENT.

HERNANDEZ NORBERTO

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 73778

EXPIRATION DATE 12/31/2024

398 E. DANIA BEACH BLVD. # 338

DADE COUNTY, FL 33104

FBPE CERT. OF AUTHORIZATION No. 295778

FL #:

FL20471

DATE:

02.24.2020

DWG. BY:

SM

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ATR133

SECTION:

4

OF 4

The diagram shows two horizontal cross-sections of a window unit. The left section, labeled 'A', is for a '2X WOOD FRAME NAIL FIN INSTALLATION'. It shows the window unit with a 1/2" minimum edge distance, 1/4" maximum shim space, and 2x wood framing by others. The unit is secured with an #8 wood screw and an #8 wood screw installation anchor. The exterior finish is sheathed by others, and the perimeter sealant is applied by others. The right section, labeled 'B', is for a 'METAL STUD FRAME THROUGH FRAME INSTALLATION'. It shows the window unit with a 1/4" maximum shim space, 3/4" minimum edge distance, and a metal stud by others. The unit is secured with a #10 self-drilling installation anchor. The exterior finish is sheathed by others, and the perimeter sealant is applied by others. Both sections refer to 'SEE GLAZING DETAILS SHEET 4'.

A HORIZONTAL SECTION
JAMB - 2X WOOD FRAME
NAIL FIN INSTALLATION

B HORIZONTAL SECTION
JAMB - METAL STUD FRAME
THROUGH FRAME INSTALLATION

The diagram shows two glazing detail cross-sections. The left detail, labeled 'G1', is for a '2X WOOD FRAME NAIL FIN INSTALLATION'. It shows a 3/4" insulated glass unit consisting of annealed glass, aluminum spacer, and annealed glass. The unit is secured with a 1/2" glass bite and glazing silicone. The right detail, labeled 'G2', is for a 'METAL STUD FRAME THROUGH FRAME INSTALLATION'. It shows a 3/4" insulated glass unit consisting of tempered glass, aluminum spacer, and tempered glass. The unit is secured with a 1/2" glass bite and glazing silicone. Both details show the exterior and interior views of the glazing.

GLAZING DETAIL 1
(G1)

GLAZING DETAIL 2
(G2)

NOTE:
1. GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENT'S GLASS CHARTS.
2. ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC

FLORIDA DEPARTMENT OF
Business & Professional Regulation



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Search Criteria

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Code Version	2020	FL#	20473.6
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL20473-RZ History	Revision	Atrium Windows & Doors FL#: FL20473.6 Model: Series 8900/90/8000/1800/3900 Description: Double Hung Window - Single & Mullied Units Category: Windows Subcategory: Double Hung	National Accreditation & Management Institute (804) 684-5124	Approved *

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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Product Approval Accepts:



INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF 1/12 INCH (IE., WITHOUT CONSIDERATION OF TOLERANCES), TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME: FOR INSTALLATION INTO 2X WOOD FRAMING USE MINIMUM #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. MINIMUM EDGE DISTANCE OF 3/4" SHALL BE MAINTAINED.
- THROUGH FRAME: FOR INSTALLATION INTO CONCRETE/MASONRY, USE 1/4" TITV TAPCONS OR 1/4" ELCO ULTRACONS OR 3/16" TITV TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4" MINIMUM EMBEDMENT INTO CONCRETE/MASONRY.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
B. CONCRETE - MINIMUM 3000 PSI COMPRESSIVE STRENGTH
C. HOLLOW/GROUT FILLED CMU - STRENGTH CONFORMANCE TO ASTM C90, MIN. F'm = 2000 PSI.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
 - ASTM E283-04
 - ASTM E330-02
 - ASTM E331-00
 - ASMA 1304-02
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** FOR THIS PRODUCT.
- FRAME & MULLION MATERIAL: PVC OR WOOD
- CLADDING MATERIAL: FIBERGLASS

Trinity Glass International

OPAQUE FIBERGLASS DOOR

NON-IMPACT INSWING/OUTSWING

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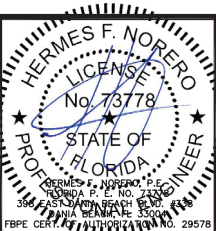
SHEET #	DESCRIPTION
1	General notes
2	Typical elevations, design pressures
3	Typical elevations, design pressures
4	Typical elevations, design pressures
5	Typical elevations, design pressures
6	Door panel construction details
7	Sidelite panel construction details
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25	Frame anchoring
26	Components
27	Components
28	Bill of materials



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

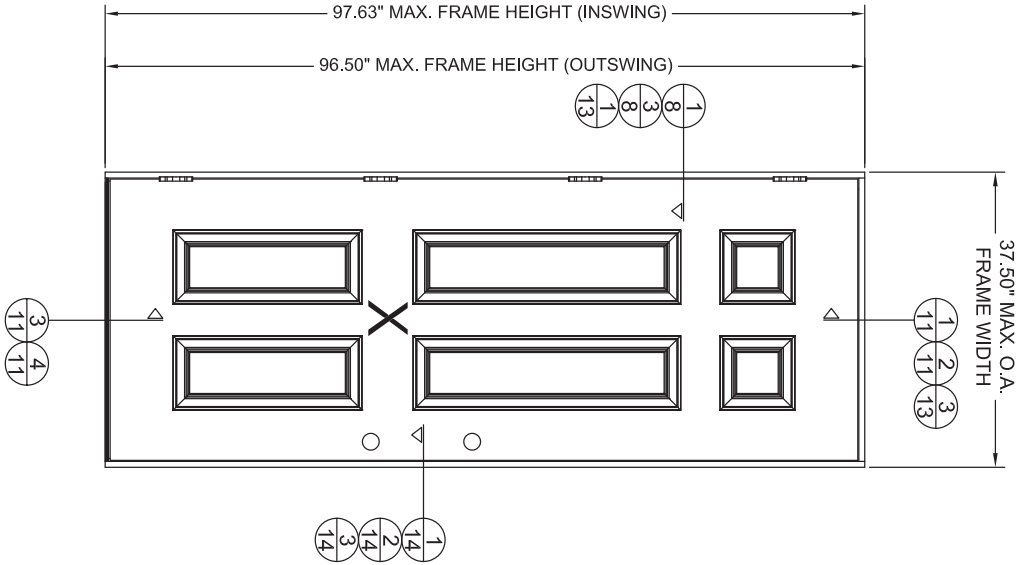
TITLE: OPAQUE FIBERGLASS DOOR NON-IMP. INSWING/OUTSWING	
GENERAL NOTES	
PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004	
PH: (954) 399-8478	FX: (954) 744-4738

REVISIONS		
NO.	DESCRIPTION	DATE

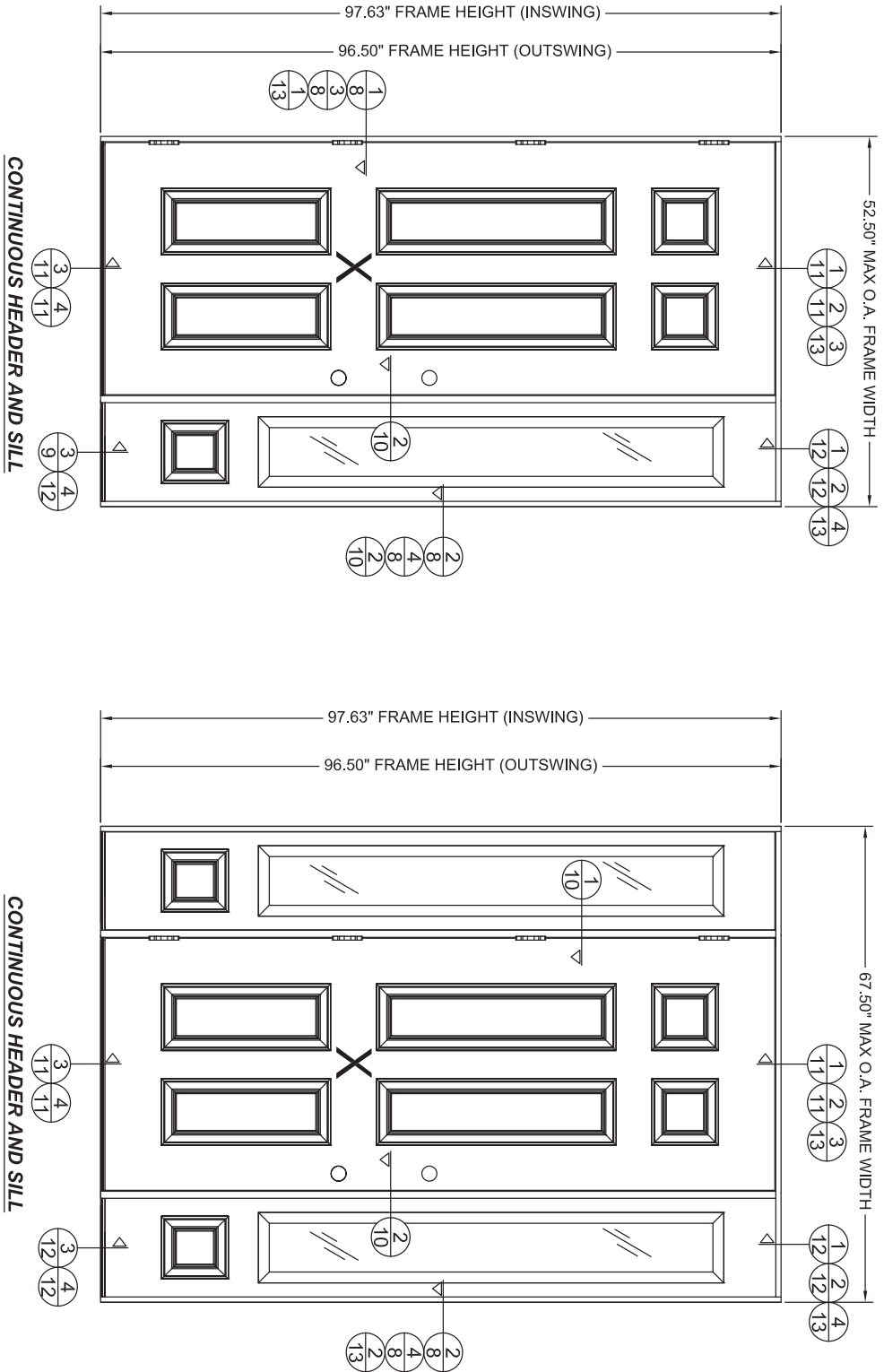


DATE: 07.14.16	DWG #: FL-20867.6
DWN BY: LS	SHEET: 1 OF 28
CHK BY: HFN	
SCALE: NTS	

MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
37.50" X 97.63"	POSITIVE	NEGATIVE
	+70.0	-70.0



DWG #: FL-20867.6 SHEET: 2 OF 28	DATE: 07.14.16 DWN BY: LS CHK BY: HFN SCALE: NTS		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DESCRIPTION	BY	DATE																	TITLE: OPAQUE FIBERGLASS DOOR NON-IMP. INSWING/OUTSWING TYPICAL ELEVATION AND DESIGN PRESSURE PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738	TRINITY GLASS INTERNATIONAL TRINITY GLASS INTERNATIONAL 3365 1ST WAY S FEDERAL WAY, WA 98003 PH: (206) 875-7300
	NO.	DESCRIPTION	BY	DATE																					



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OX/XO	52.50" X 97.63"	+47.0	-47.0
OXO	67.50" X 97.63"	+47.0	-47.0

CONTINUOUS HEADER AND SILL

CONTINUOUS HEADER AND SILL

REVISIONS

NO.	DESCRIPTION	BY	DATE

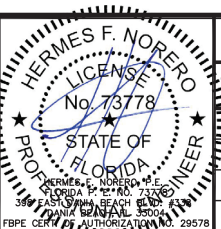
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

TYPICAL ELEVATION AND
DESIGN PRESSURE

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

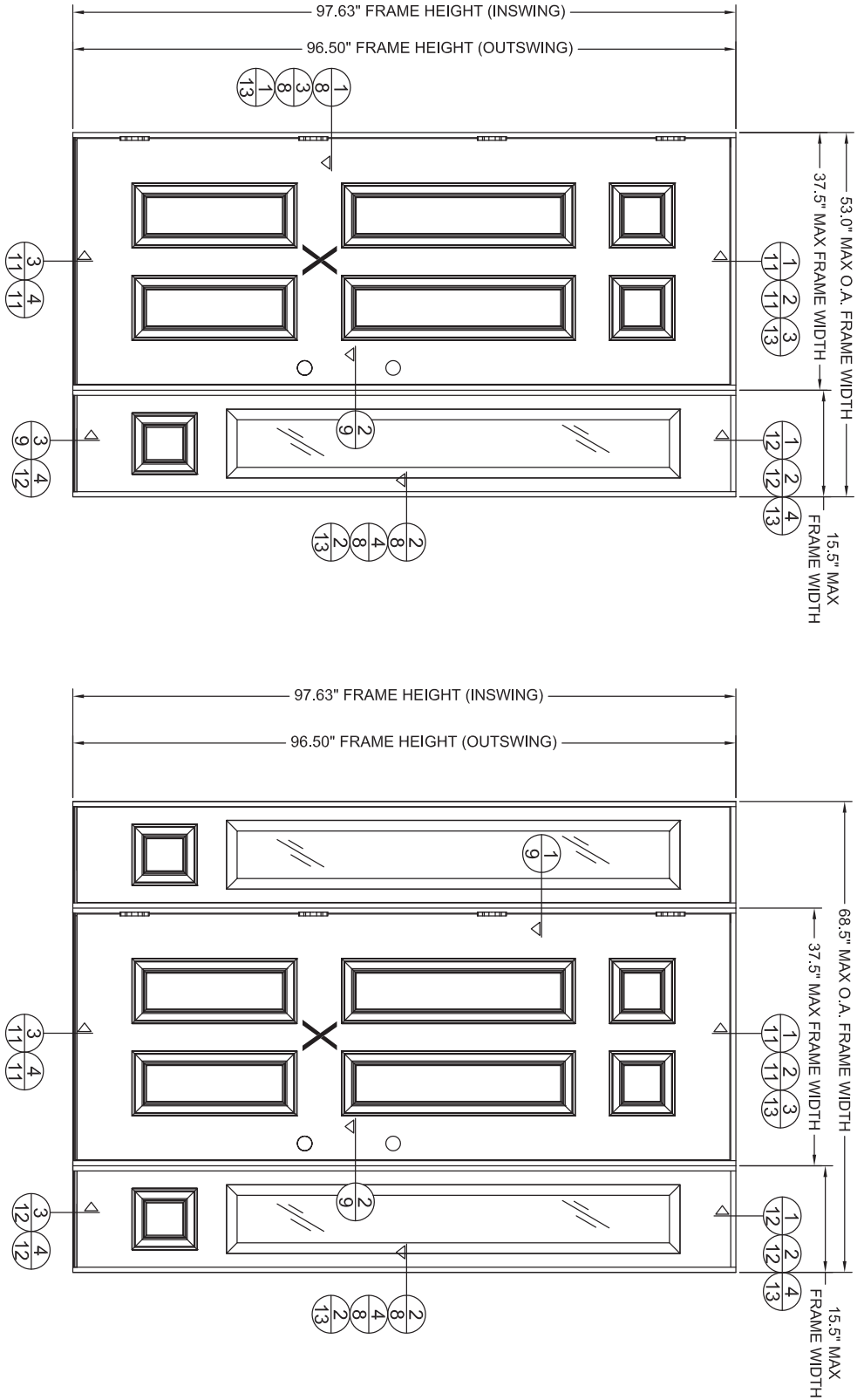
TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (253) 875-7300



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 3 OF 28



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OX/XO	53.00" X 97.63"	+47.0	-47.0
OXO	68.50" X 97.63"	+47.0	-47.0

REVISIONS

NO.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

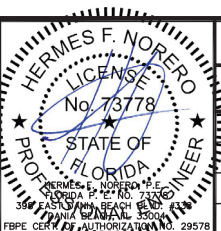
TYPICAL ELEVATION AND DESIGN PRESSURE

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738



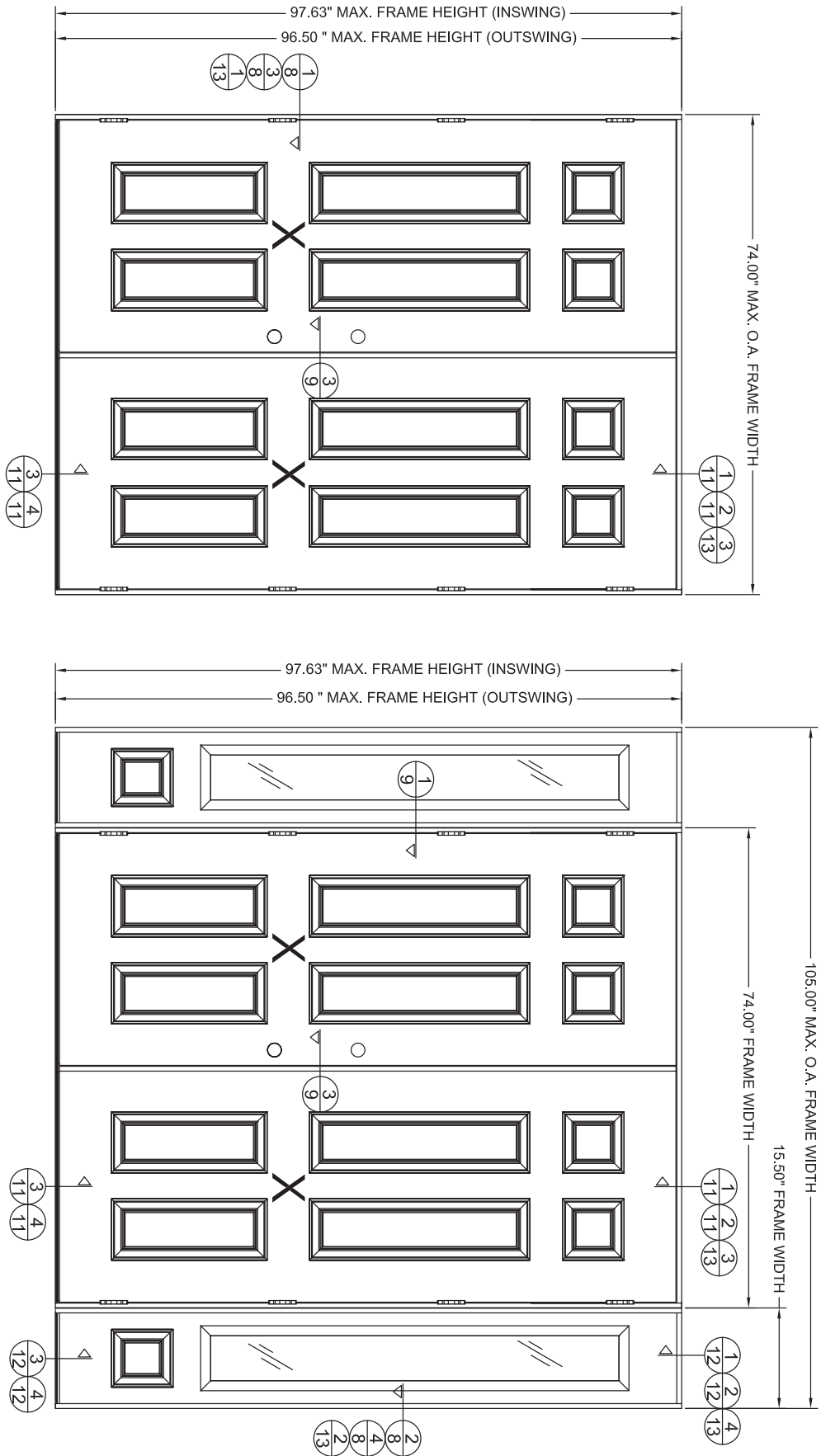
TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (253) 875-7300



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 4 OF 28

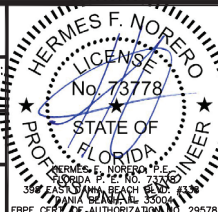


CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
XX	74.00" X 97.63"	+47.0	-47.0
OXXO	105.00" X 97.63"	+47.0	-47.0

SHEET: 5 OF 28

DWG #: FL-20867.6

DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

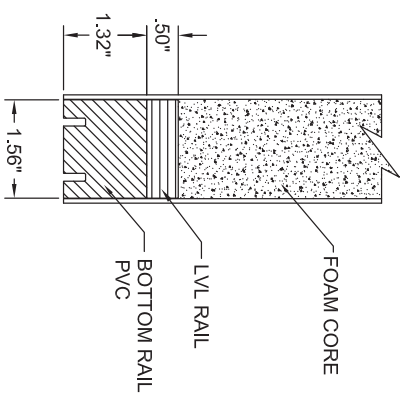
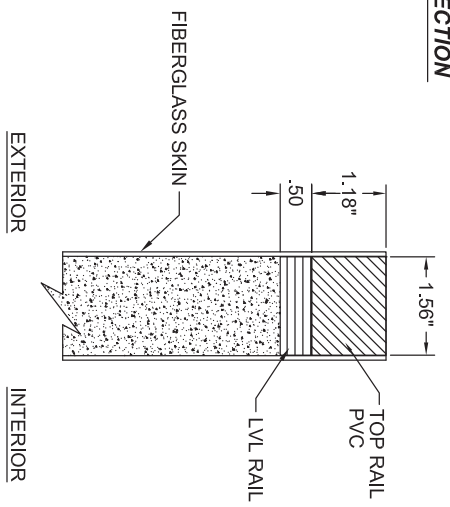
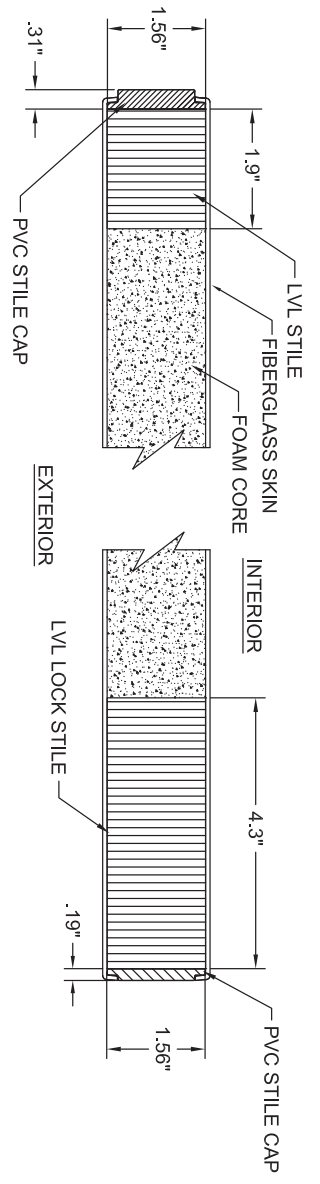
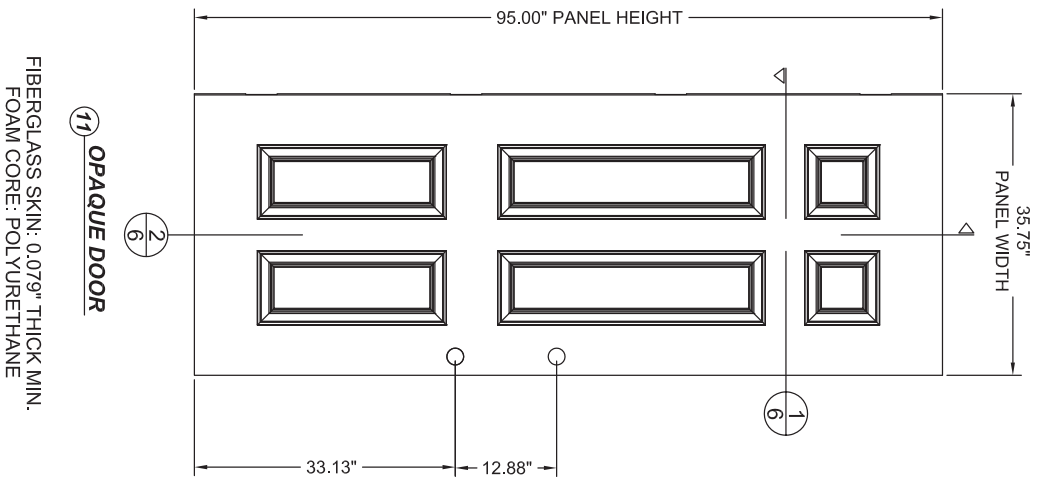


REVISIONS			
NO.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
TYPICAL ELEVATION AND
DESIGN PRESSURE
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300





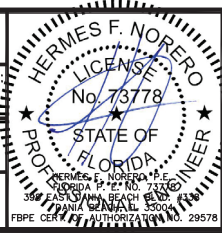
LOCKSET HARDWARE	
MANUFACTURER	MODEL
KWIKSET	LOCK & DEADBOLT COMBO SIGNATURE SERIES 980



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
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PH: (206) 875-7300

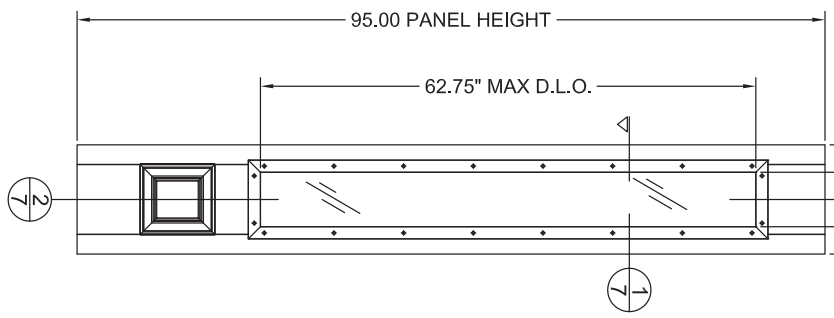
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
DOOR PANEL CONSTRUCTION DETAILS
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS			
NO.	DESCRIPTION	BY	DATE



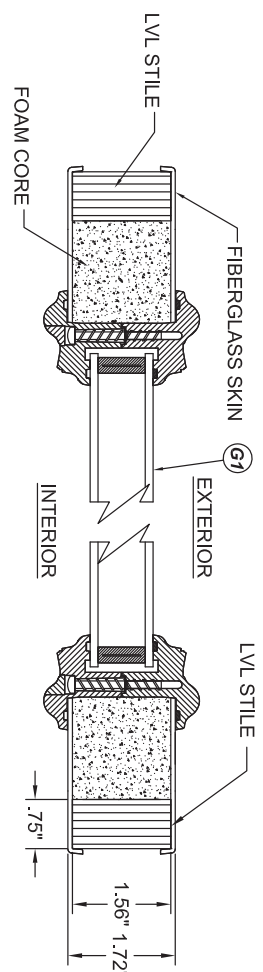
DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS
DWG #: FL-20867.6
SHEET: 6 OF 28

13.88" MAX.
PANEL WIDTH
6.92" MAX D.L.O.

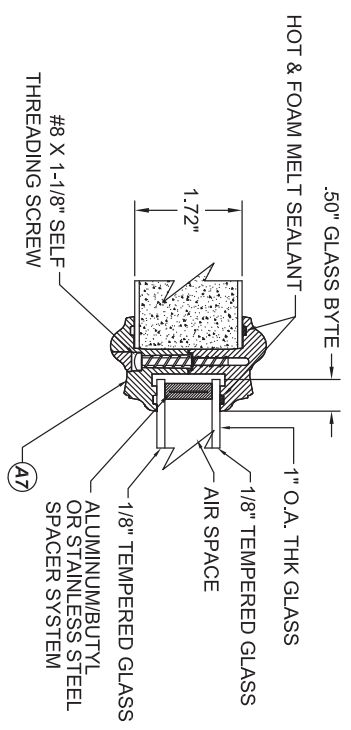


12 SIDELITE PANEL
LIP/LITE FRAME

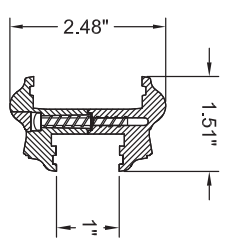
FIBERGLASS SKIN: 0.079" THICK MIN.
FOAM CORE: POLYURETHANE



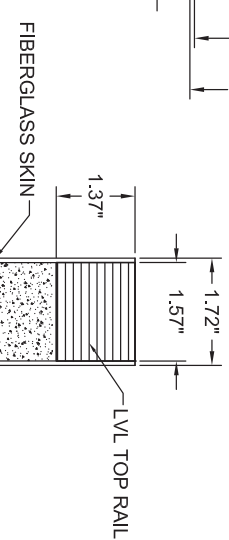
1 HORIZONTAL CROSS SECTION



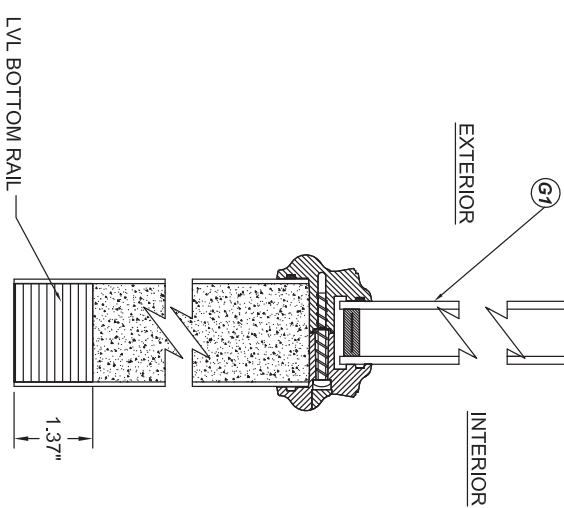
G1 GLAZING DETAIL
LIP/LITE FRAME



A7 LIP/LITE FRAME
ABS or PC/ASA



2 VERTICAL CROSS SECTION



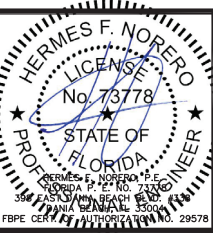
REVISIONS

NO.	DESCRIPTION	BY	DATE

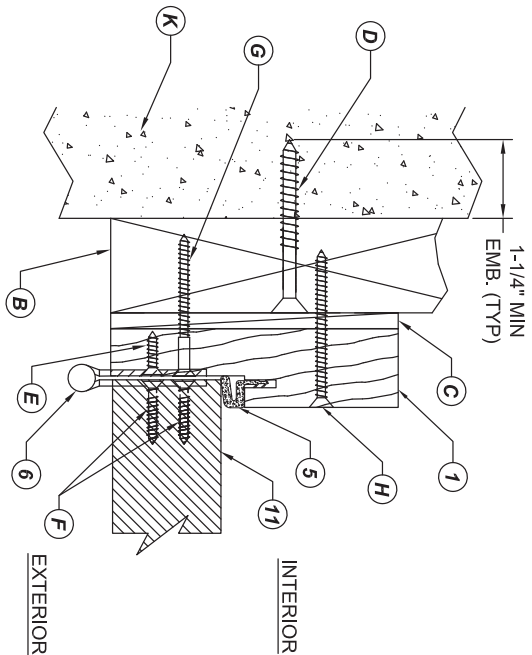
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
**SIDELITE PANEL
CONSTRUCTION DETAILS**
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

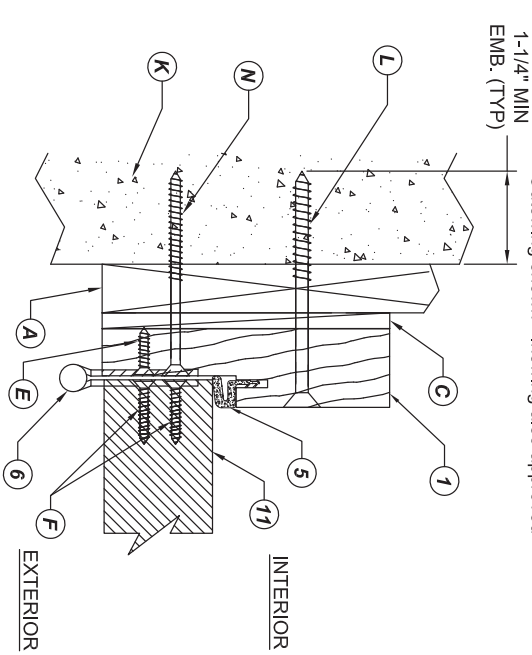
DWG #: FL-20867.6
SHEET: 7 OF 28



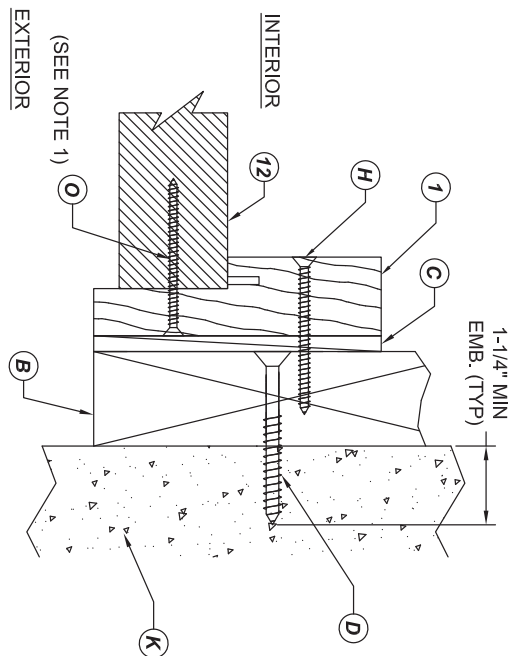
TRINITY GLASS INTERNATIONAL
3965 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300



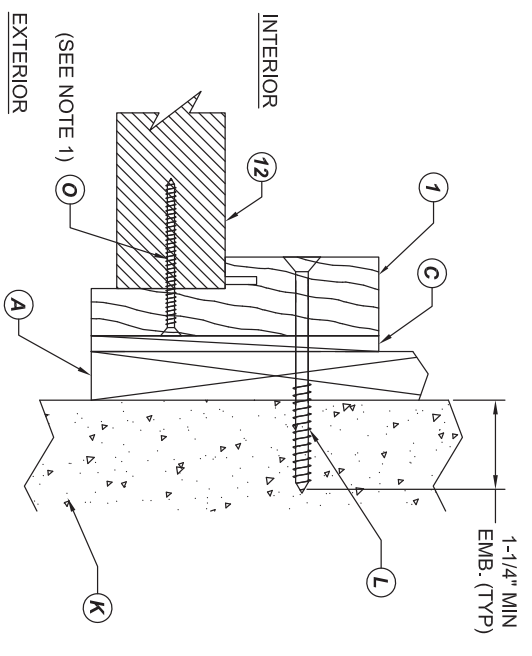
1 HORIZONTAL CROSS SECTION
8 SHOWN W/ 2X WOOD BUCK
Outswing shown - Inswing also approved



3 HORIZONTAL CROSS SECTION
8 SHOWN W/ 1X WOOD BUCK
Outswing shown - Inswing also approved



2 HORIZONTAL CROSS SECTION
8 SHOWN W/ 2X WOOD BUCK
Outswing shown - Inswing also approved



4 HORIZONTAL CROSS SECTION
8 SHOWN W/ 1X WOOD BUCK
Outswing shown - Inswing also approved

NOTE:
1. SIDE/LITE SCREWS LOCATED 6" FROM EACH END OF SIDE JAMB AND 6 EQUALLY SPACED SCREWS FROM THE END SCREWS (TOTAL 8 SCREWS).



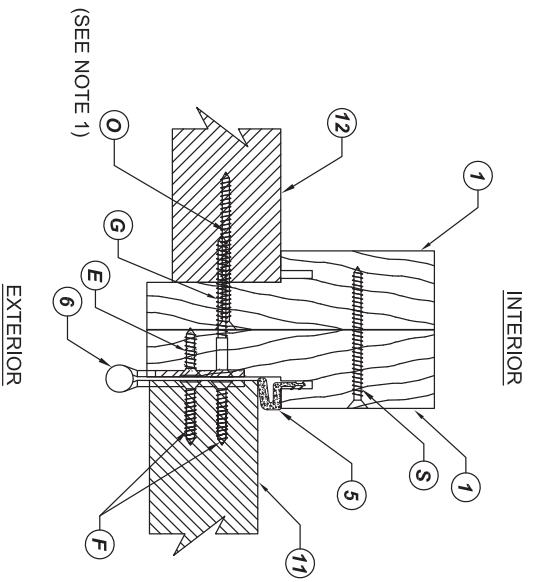
TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
HORIZONTAL CROSS SECTIONS
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

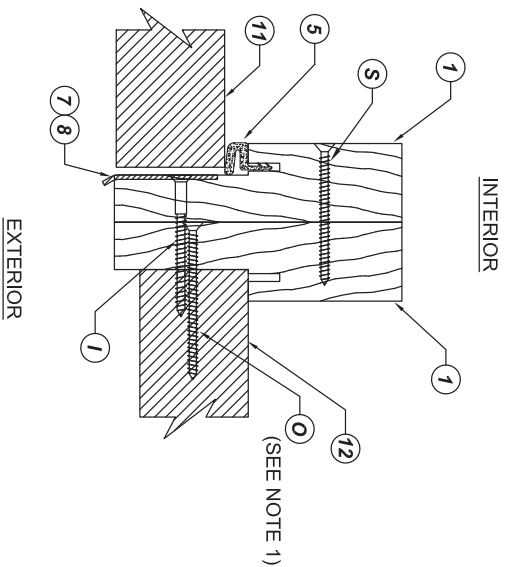
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NO.	DESCRIPTION	BY	DATE



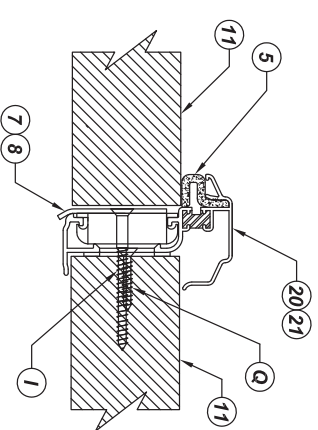
DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS
DWG #: FL-20867.6
SHEET: 8 OF 28



1 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



2 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



3 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

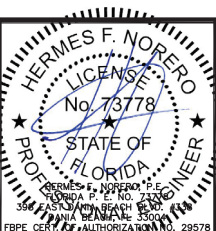
NOTE:
1. SIDELITE SCREWS LOCATED 6" FROM EACH END OF SIDE JAMB AND 6 EQUALLY SPACED SCREWS FROM THE END SCREWS (TOTAL 8 SCREWS).



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
HORIZONTAL CROSS SECTIONS
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

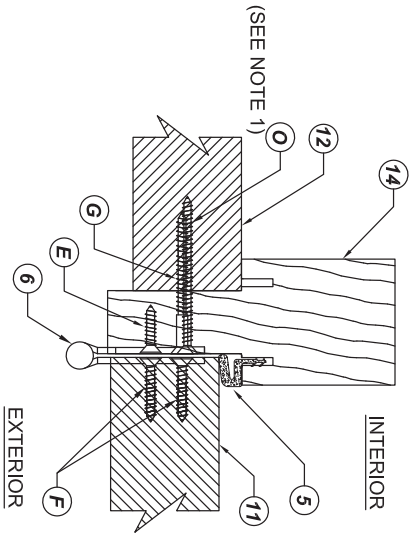
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NO.	DESCRIPTION	BY	DATE



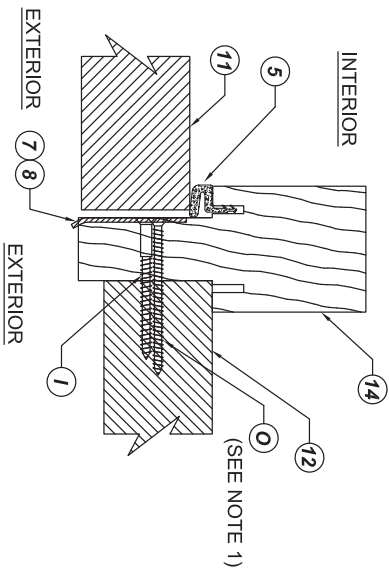
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DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 9 OF 28



1
10 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved



2
10 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved

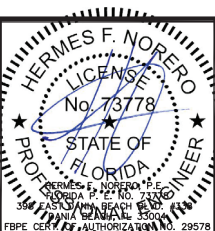
NOTE:
1. SIDELITE SCREWS LOCATED 6" FROM EACH END OF SIDE JAMB AND 6 EQUALLY SPACED SCREWS FROM THE END SCREWS (TOTAL 8 SCREWS).



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
HORIZONTAL CROSS SECTIONS
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

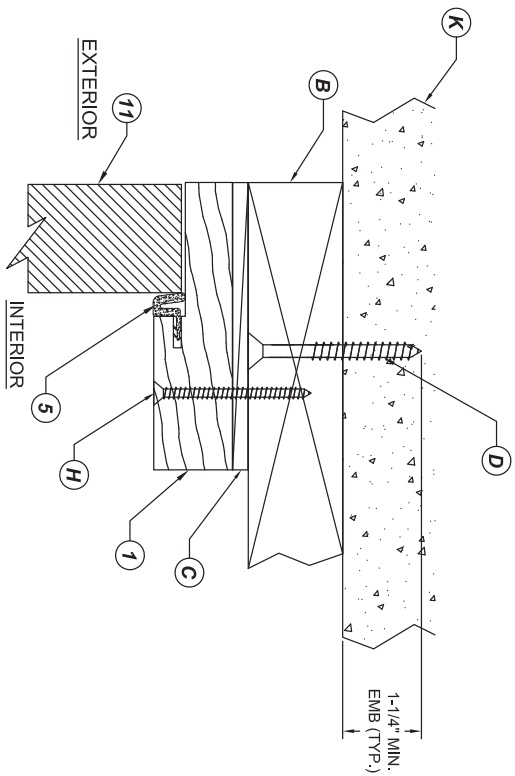
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NO.	DESCRIPTION	BY	DATE



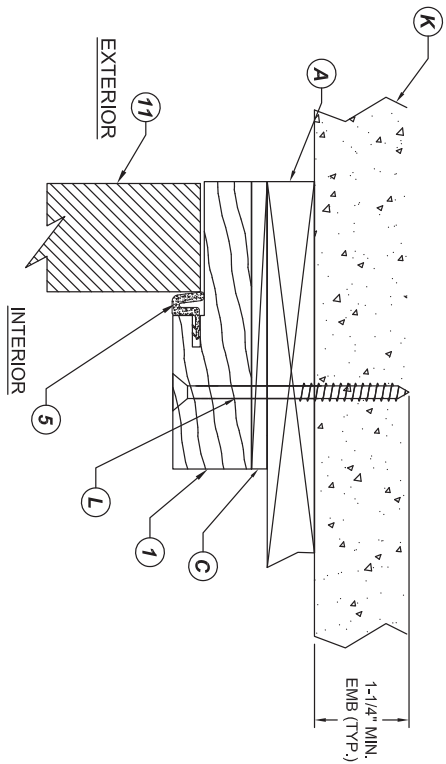
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DWG #:
FL-20867.6

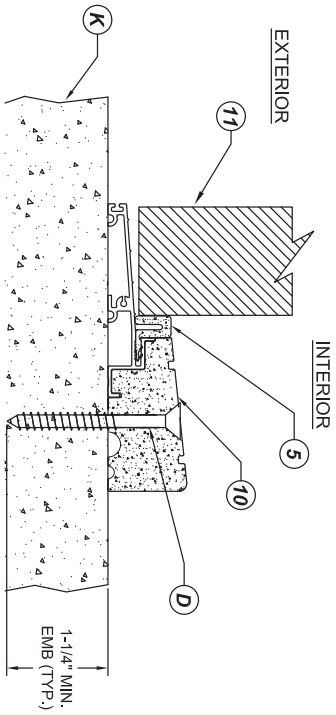
SHEET: 10 OF 28



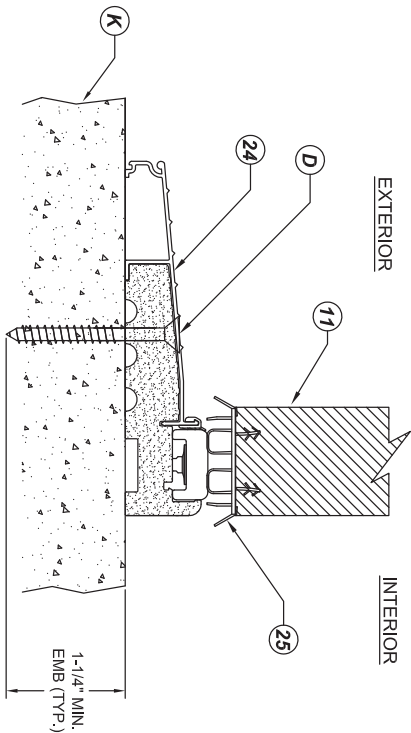
1
11 **VERTICAL CROSS SECTION**
SHOWN W/ 2X WOOD BUCK
Outswing shown - Inswing also approved



2
11 **VERTICAL CROSS SECTION**
SHOWN W/ 1X WOOD BUCK
Outswing shown - Inswing also approved



3
11 **VERTICAL CROSS SECTION**
OUTSWING SILL



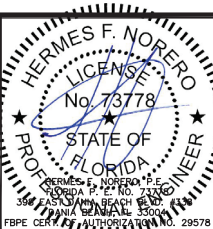
4
11 **VERTICAL CROSS SECTION**
INSWING SILL



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3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
VERTICAL CROSS SECTIONS
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

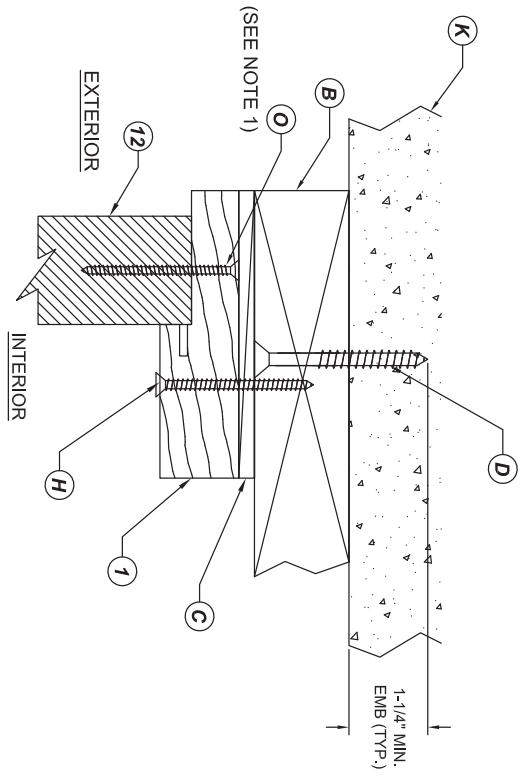
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NO.	DESCRIPTION	BY	DATE



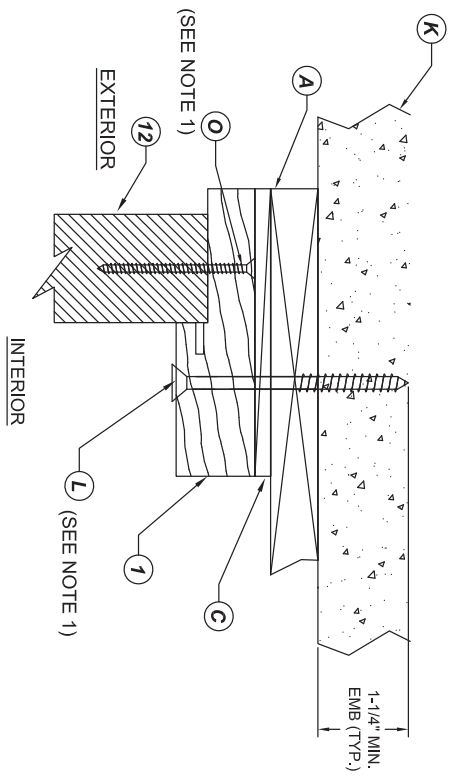
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CHK BY: HFN
SCALE: NTS

DWG #: **FL-20867.6**

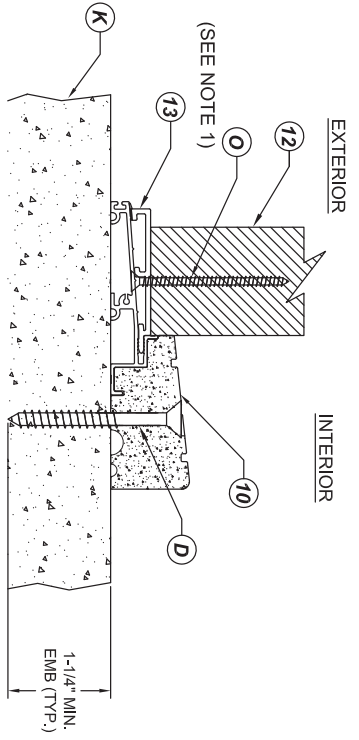
SHEET: **11 OF 28**



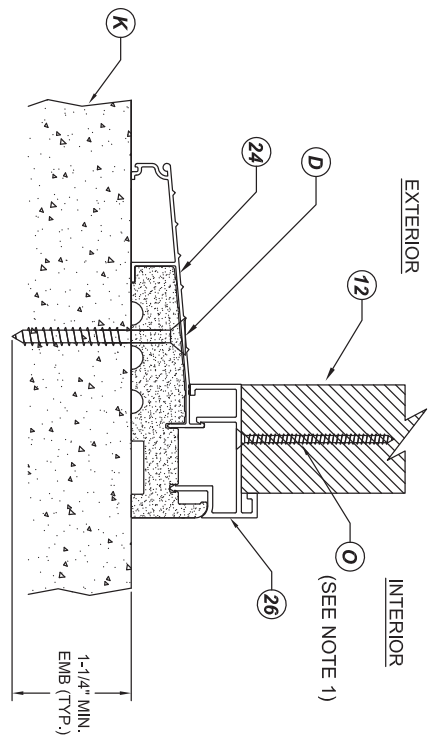
1 VERTICAL CROSS SECTION
 SHOWN W/ 2X WOOD BUCK
 Outswing shown - Inswing also approved



2 VERTICAL CROSS SECTION
 SHOWN W/ 1X WOOD BUCK
 Outswing shown - Inswing also approved



3 VERTICAL CROSS SECTION
 OUTSWING SILL



4 VERTICAL CROSS SECTION
 INSWING SILL

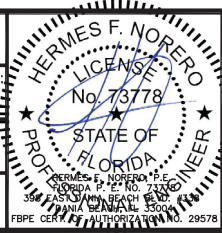
NOTE:
 1. SIDELITE SCREWS THRU HEADER AND SILL LOCATED AT 3" FROM EACH END AND ON CENTER LINE.



TRINITY GLASS INTERNATIONAL
 3365 1ST WAY S
 FEDERAL WAY, WA 98003
 PH: (206) 875-7300

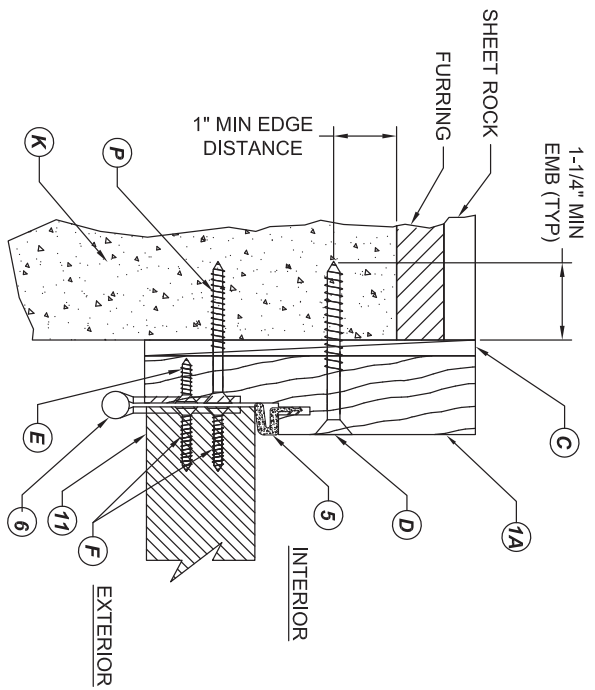
TITLE: OPAQUE FIBERGLASS DOOR
 NON-IMP. INSWING/OUTSWING
VERTICAL CROSS SECTIONS
PREPARED BY:
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. #338
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REVISIONS			
NO.	DESCRIPTION	BY	DATE

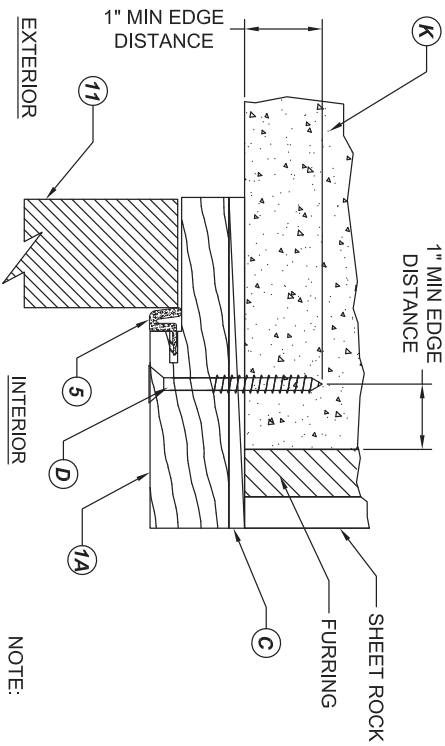


DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6
SHEET: 12 OF 28

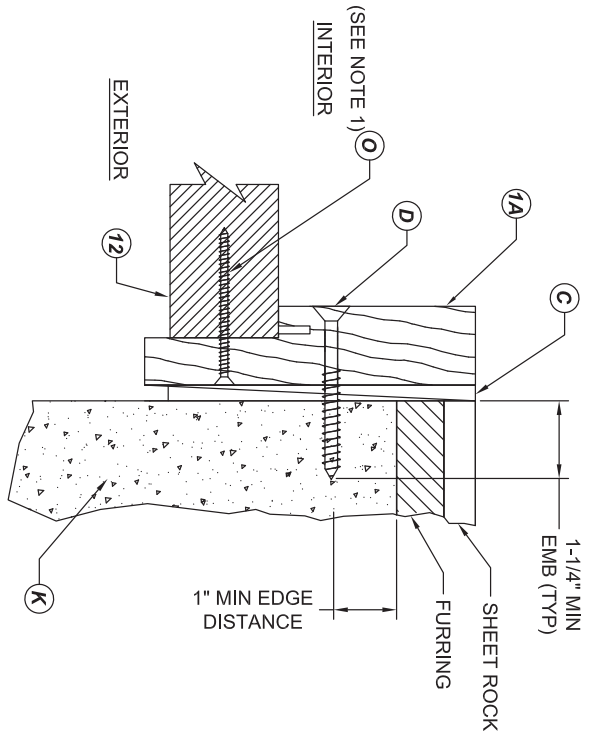


1
HORIZONTAL CROSS SECTION
Direct to masonry (5-1/4" min jamb)
Outswing shown - Inswing also approved

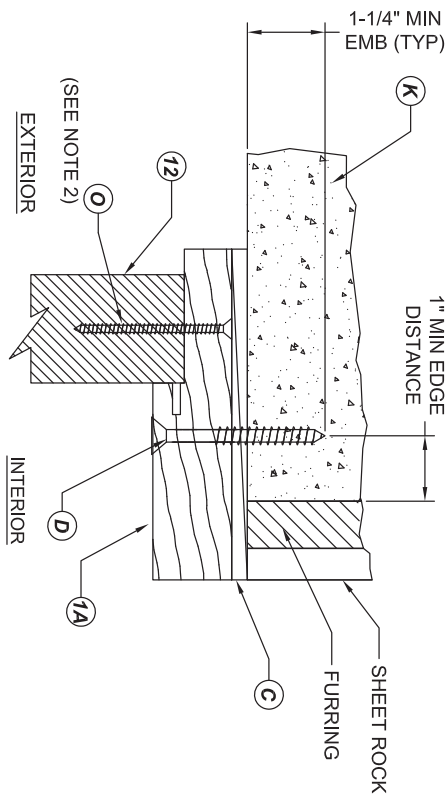


3
VERTICAL CROSS SECTION
Direct to masonry (5-1/4" min jamb)
Outswing shown - Inswing also approved

- NOTE:
1. Sidelite screws located 6" from each end of side jamb and 6 equally spaced screws (total 8 screws).
 2. Sidelite screws thru header and sill located at 3" from each end and on center line.



2
HORIZONTAL CROSS SECTION
Direct to masonry (5-1/4" min jamb)
Outswing shown - Inswing also approved



4
VERTICAL CROSS SECTION
Direct to masonry (5-1/4" min jamb)
Outswing shown - Inswing also approved



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
**HORIZONTAL & VERTICAL
CROSS SECTIONS**

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS

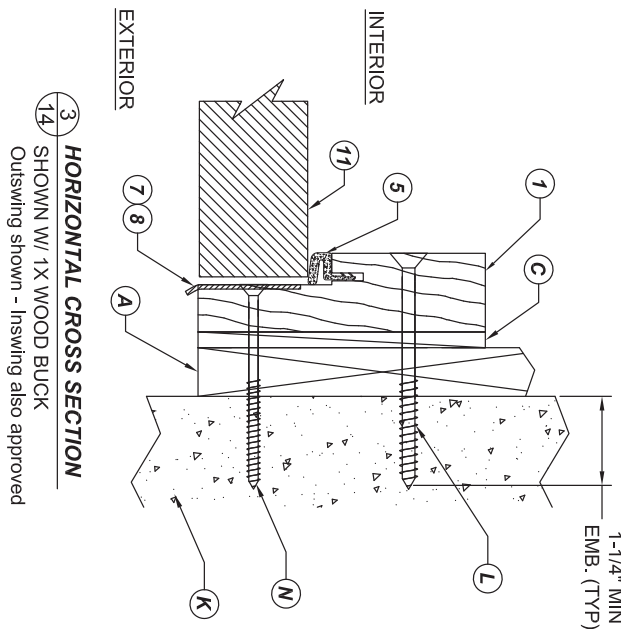
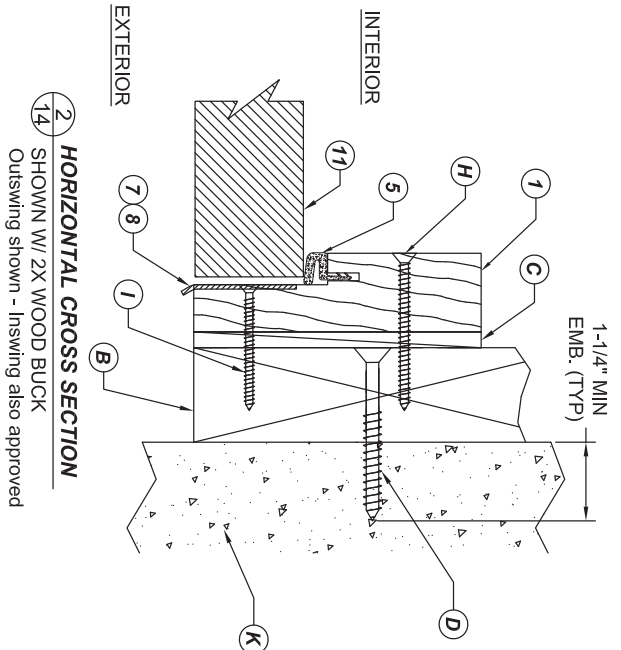
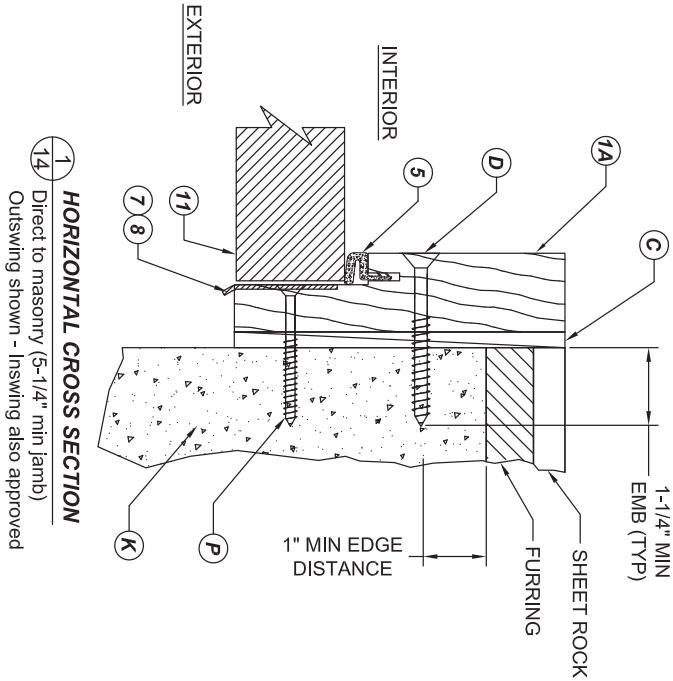
NO.	DESCRIPTION	BY	DATE



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #:
FL-20867.6

SHEET: **13 OF 28**



TRINITY GLASS INTERNATIONAL
 3365 1ST WAY S
 FEDERAL WAY, WA 98003
 PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
 NON-IMP. INSWING/OUTSWING
HORIZONTAL CROSS SECTIONS
 PREPARED BY:
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS			
NO.	DESCRIPTION	BY	DATE

HERMES F. NORERO
 LICENSE
 No. 73778
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 FBPE CERT. AUTHORITY NO. 29578

DATE: 07.14.16
 DWN BY: LS
 CHK BY: HFN
 SCALE: NTS
 DWG #: FL-20867.6
 SHEET: 14 OF 28

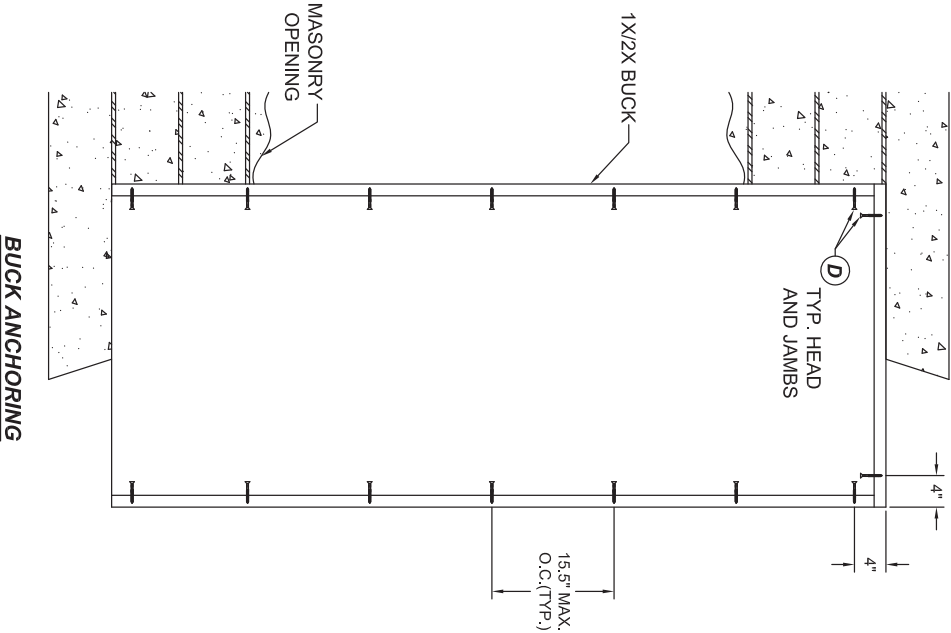
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
2. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CL. CLEARANCE TO MASONRY EDGE	MIN. CL. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILD EX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILD EX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



BUCK ANCHORING

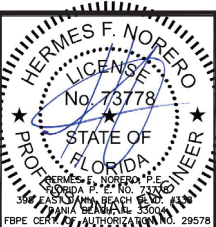


TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
BUCK ANCHORING
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS

NO.	DESCRIPTION	BY	DATE

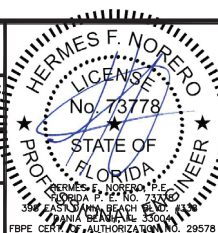


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DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 15 OF 28

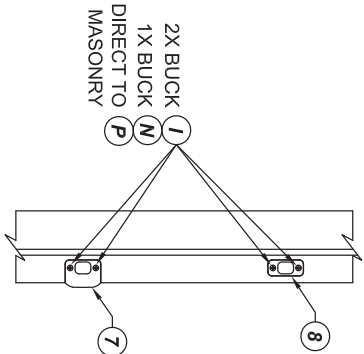
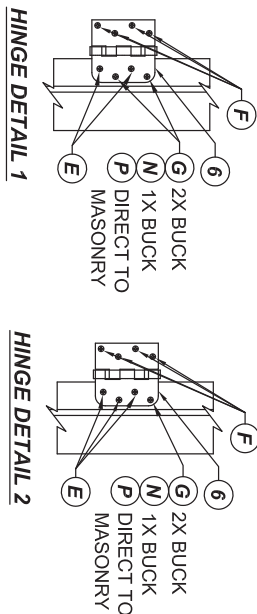
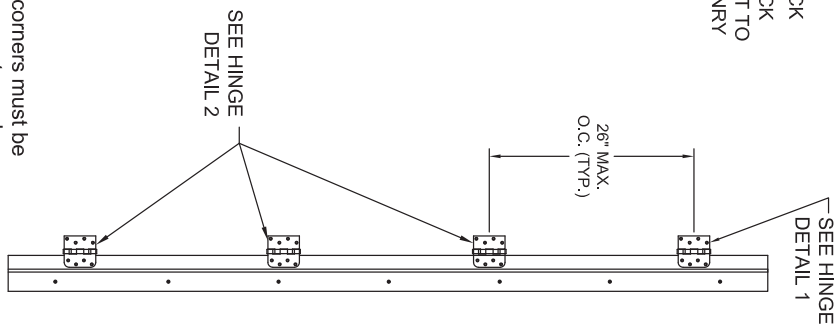
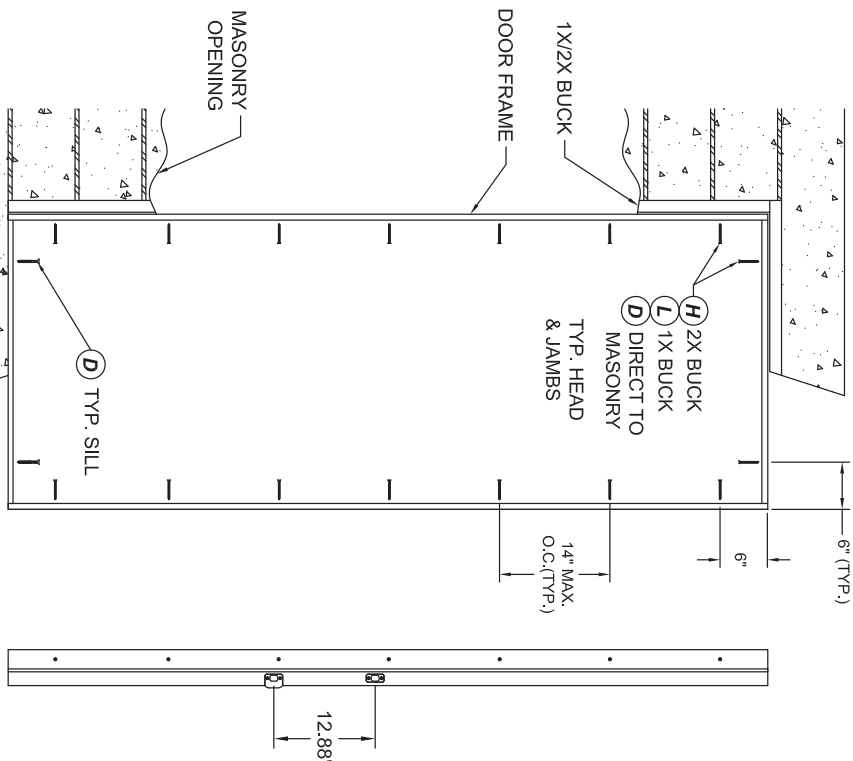
REVISIONS			
NO.	DESCRIPTION	BY	DATE



DATE:	07.14.16
DWN BY:	LS
CHK BY:	HFN
SCALE:	NTS

DWG #:
FL-20867.6

SHEET: **16 OF 28**



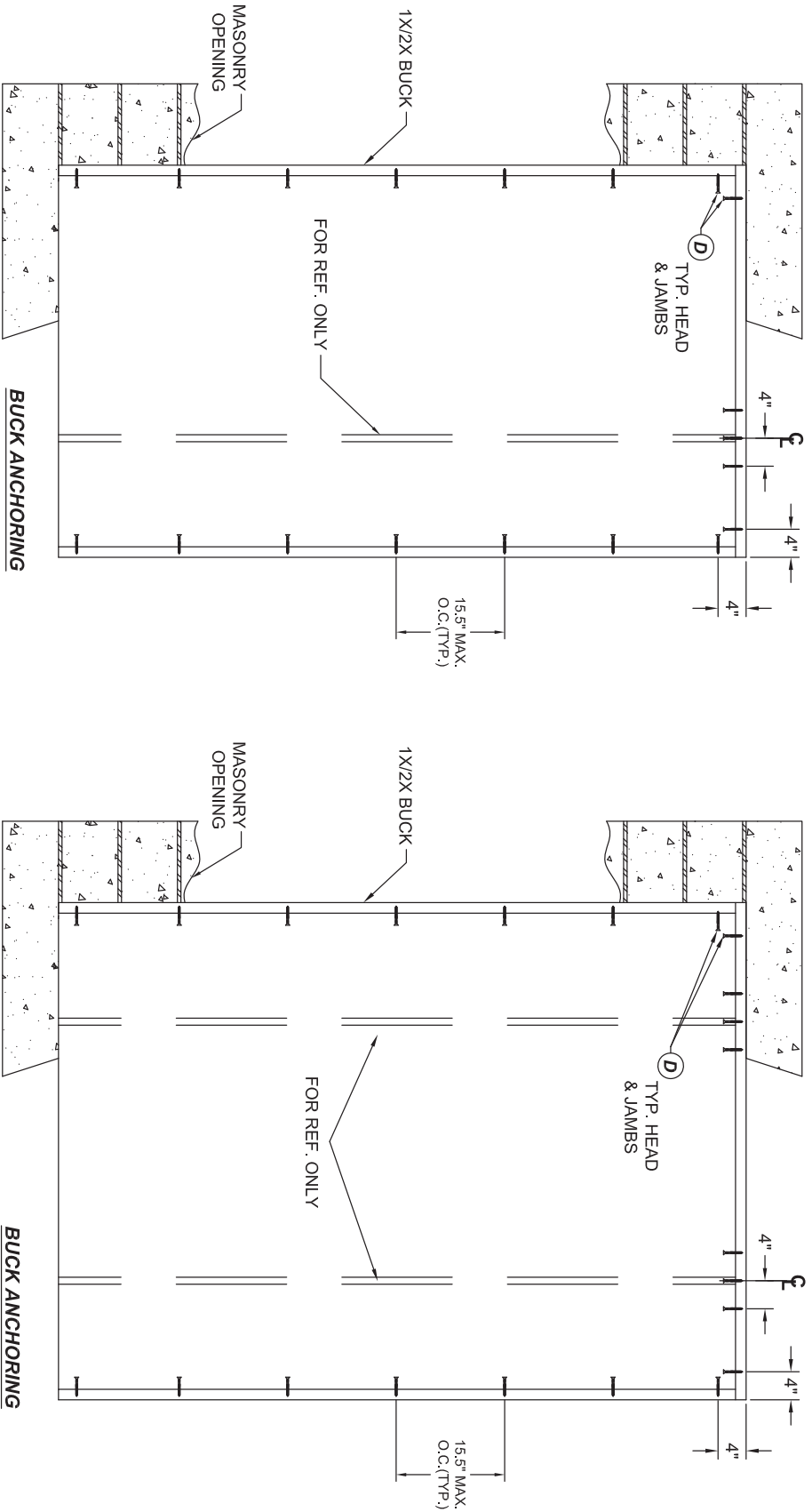
CONCRETE ANCHOR NOTES:

- Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BULDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRA CON®	1/4"	1-1/4"	1"	4"
ITW BULDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



CONCRETE ANCHOR NOTES:

- Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

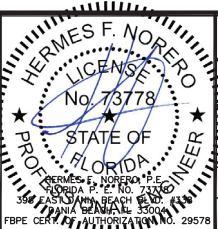
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

BUCK ANCHORING

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

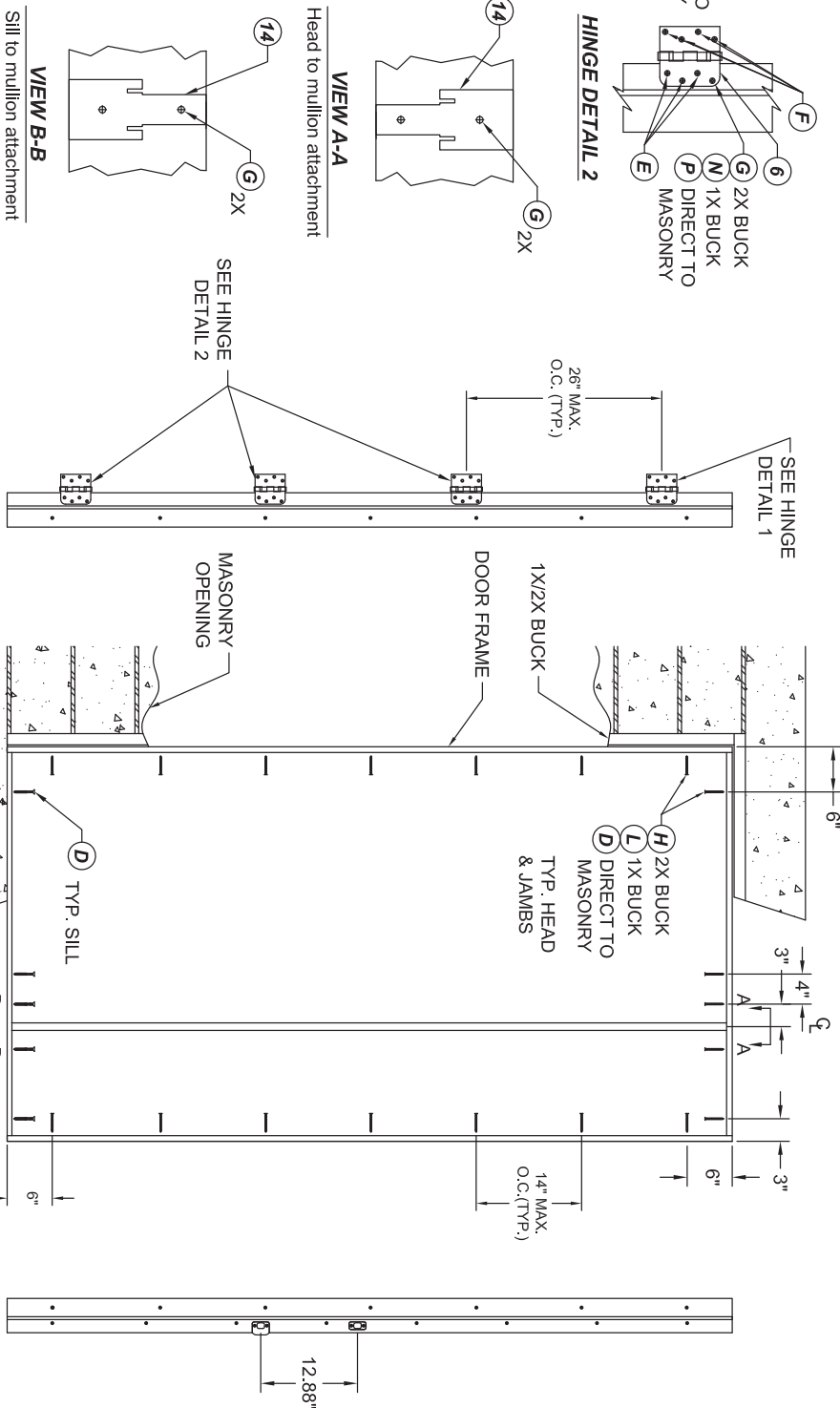
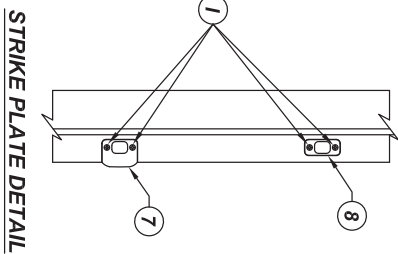
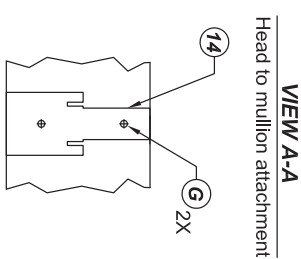
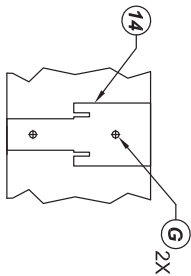
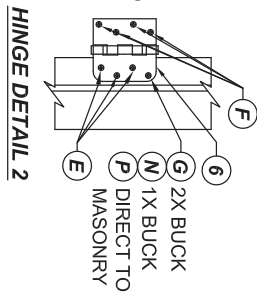
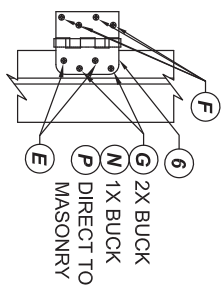
REVISIONS			
NO.	DESCRIPTION	BY	DATE



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 17 OF 28



ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTAPACON®	1/4"	1-1/4"	1"	4"
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

- HINGE JAMB**
- CONCRETE ANCHOR NOTES:**
1. Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
 2. Concrete anchor table:

WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.

[illegible]

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

FRAME ANCHORING

PREPARED BY:

 **BUILDING DROPS, INC.**
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

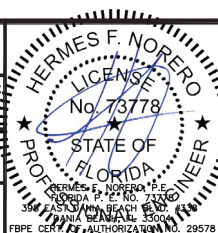
TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (253) 875-7300

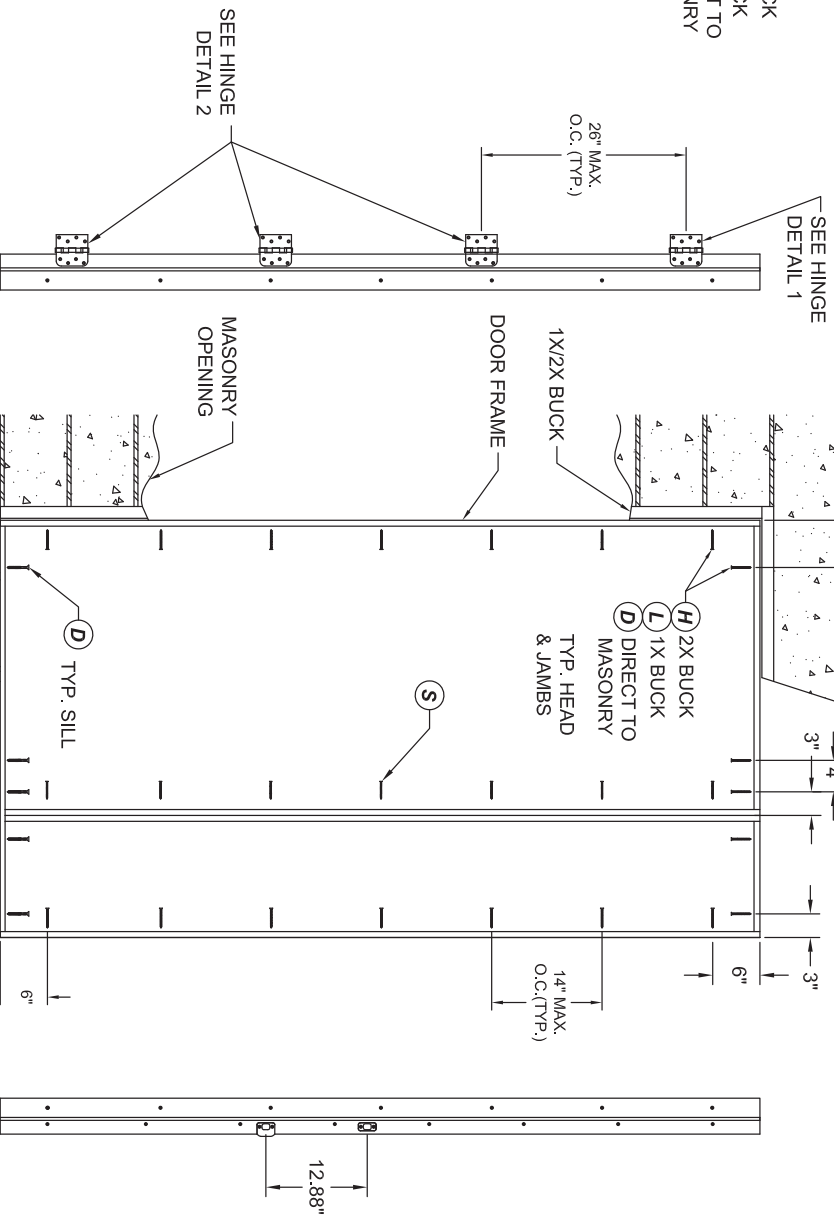
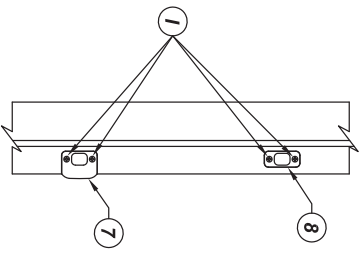
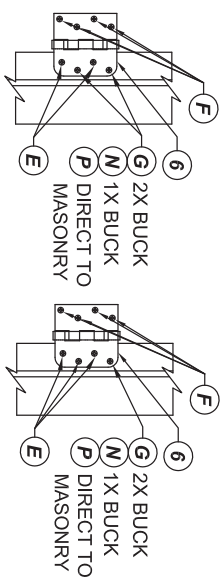


DATE:
07.14.16
DOWN BY:
LS
CHK BY:
HFN
SCALE:
NTS

DWG #: FL-20867.6

SHEET: **18 OF 28**





CONCRETE ANCHOR NOTES:

1. Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
2. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

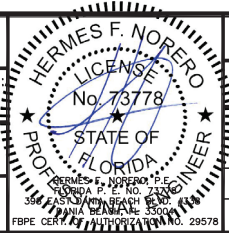
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

FRAME ANCHORING

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

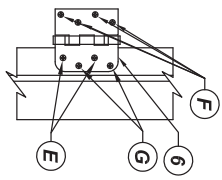
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NO.	DESCRIPTION	BY	DATE



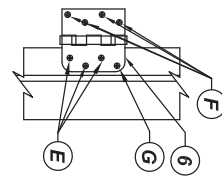
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DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

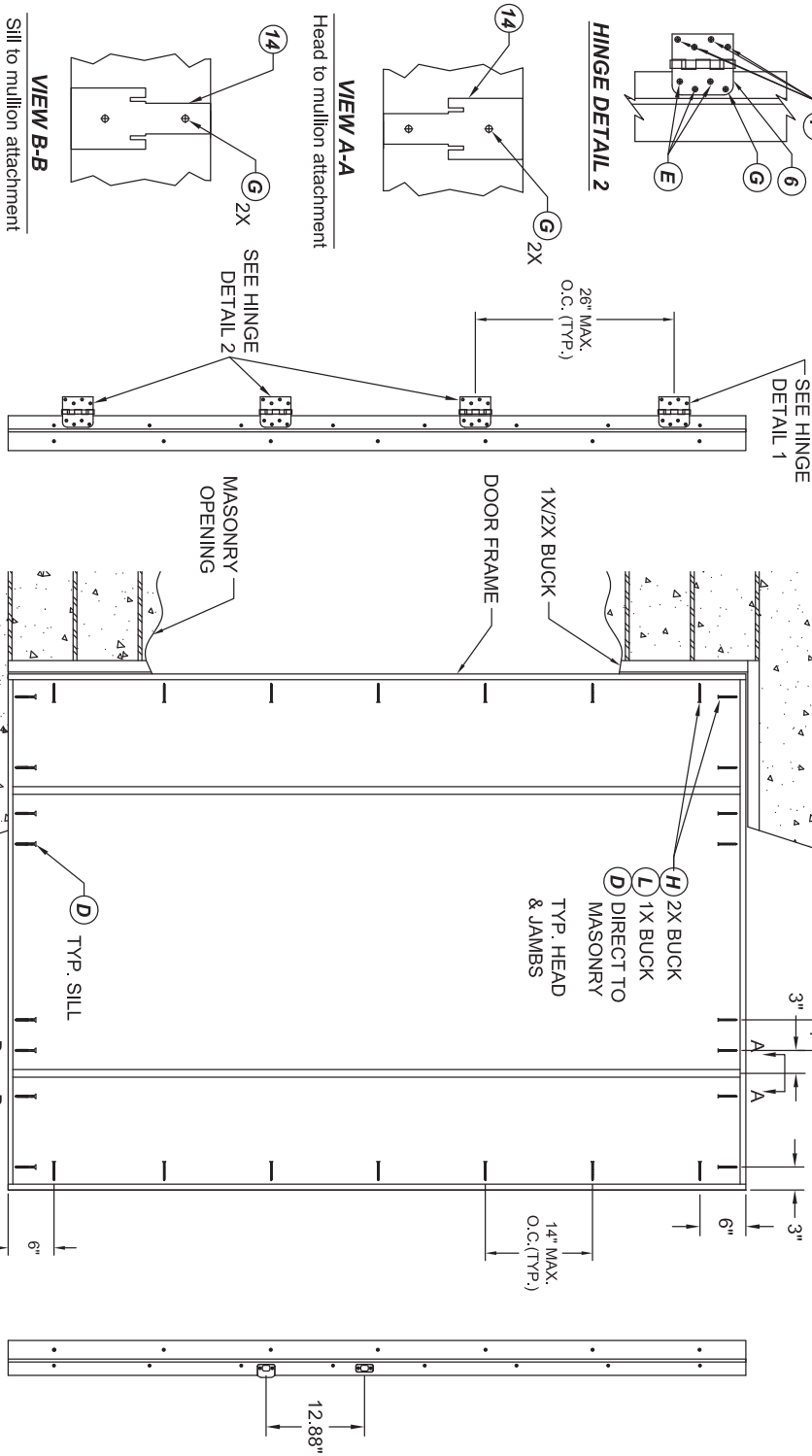
SHEET: 19 OF 28



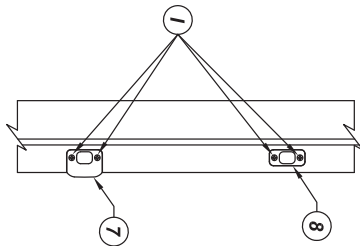
HINGE DETAIL 1



HINGE DETAIL 2



STRIKE PLATE DETAIL



CONCRETE ANCHOR NOTES:

1. Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
2. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

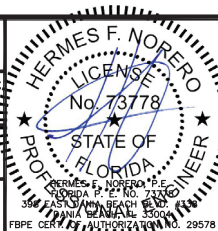
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

FRAME ANCHORING

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

NO.	DESCRIPTION	BY	DATE

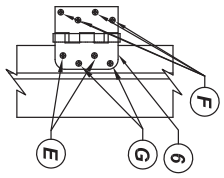
REVISIONS



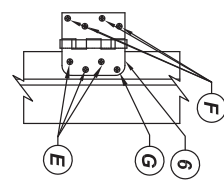
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DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

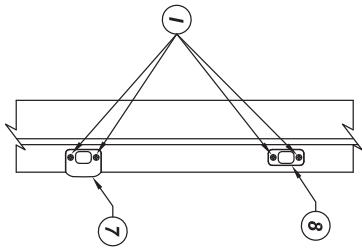
SHEET: 20 OF 28



HINGE DETAIL 1



HINGE DETAIL 2



STRIKE PLATE DETAIL

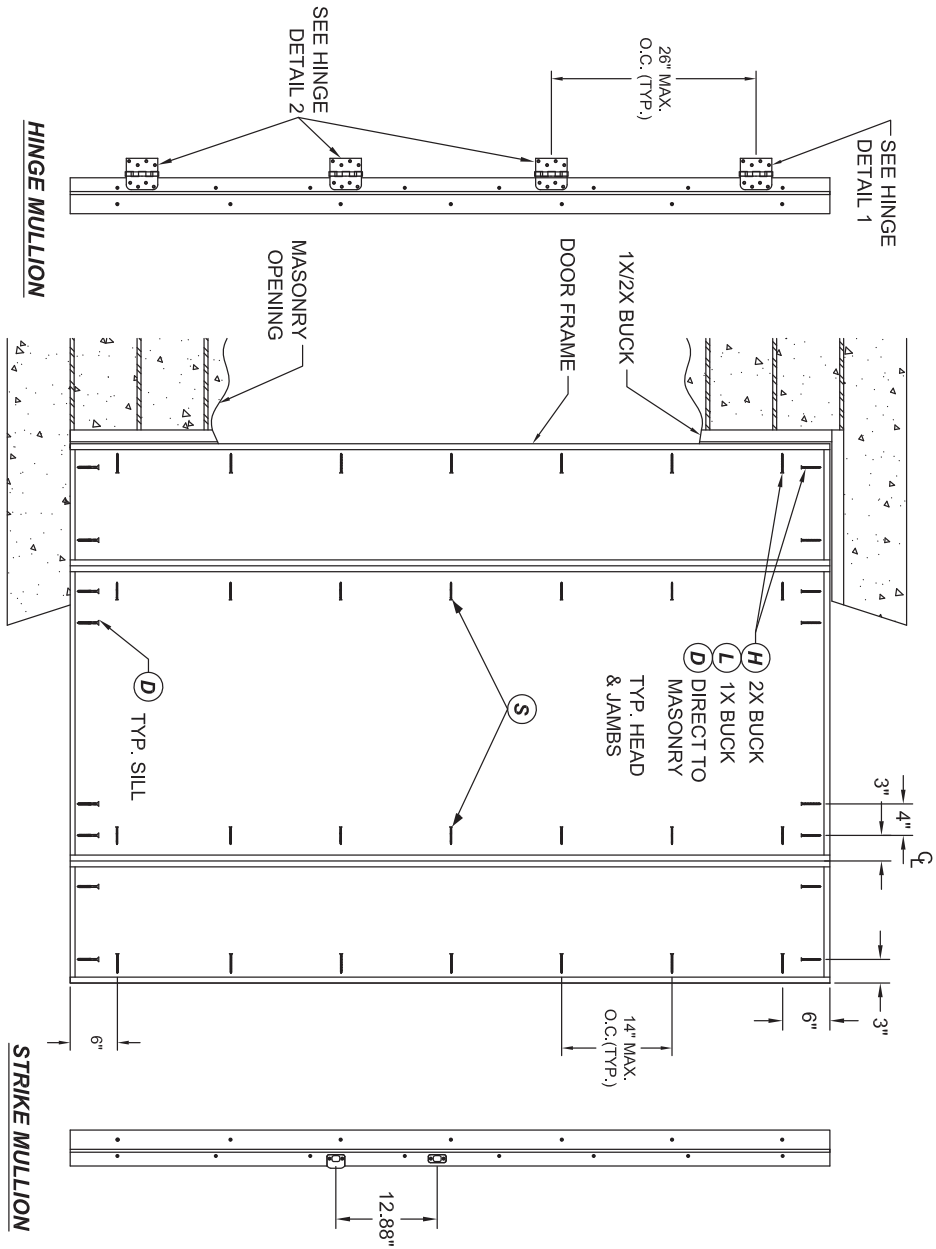
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
2. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



FRAME ANCHORING
Masonry construction



REVISIONS

NO.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

FRAME ANCHORING

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

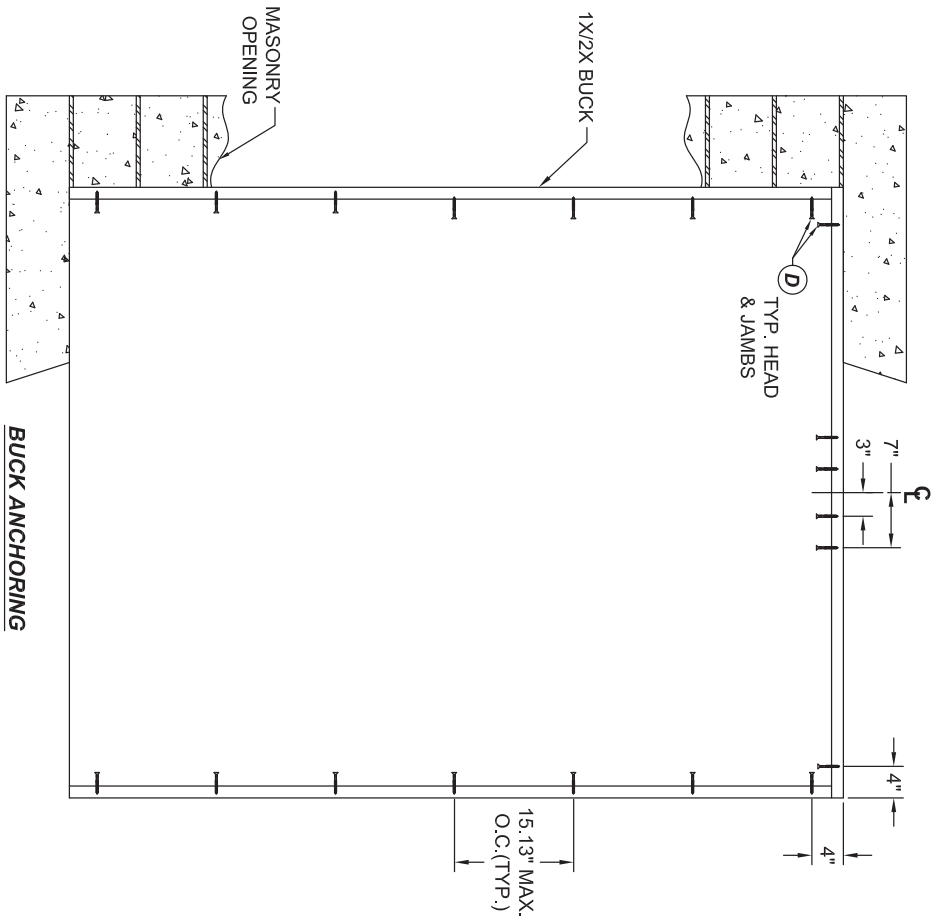


TRINITY GLASS INTERNATIONAL
3965 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 21 OF 28



CONCRETE ANCHOR NOTES:

- Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.

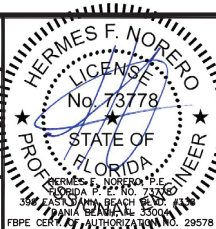
BUCK ANCHORING



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING
BUCK ANCHORING
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

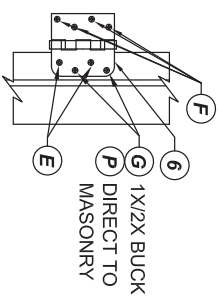
REVISIONS			
NO.	DESCRIPTION	BY	DATE



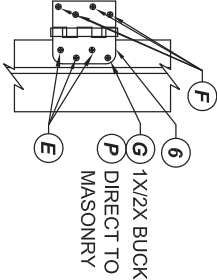
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DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

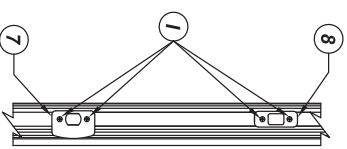
SHEET: 22 OF 28



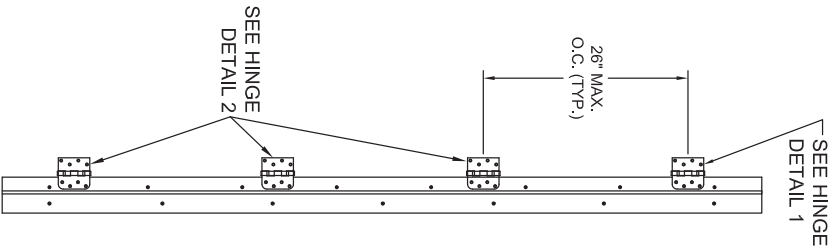
HINGE DETAIL 1



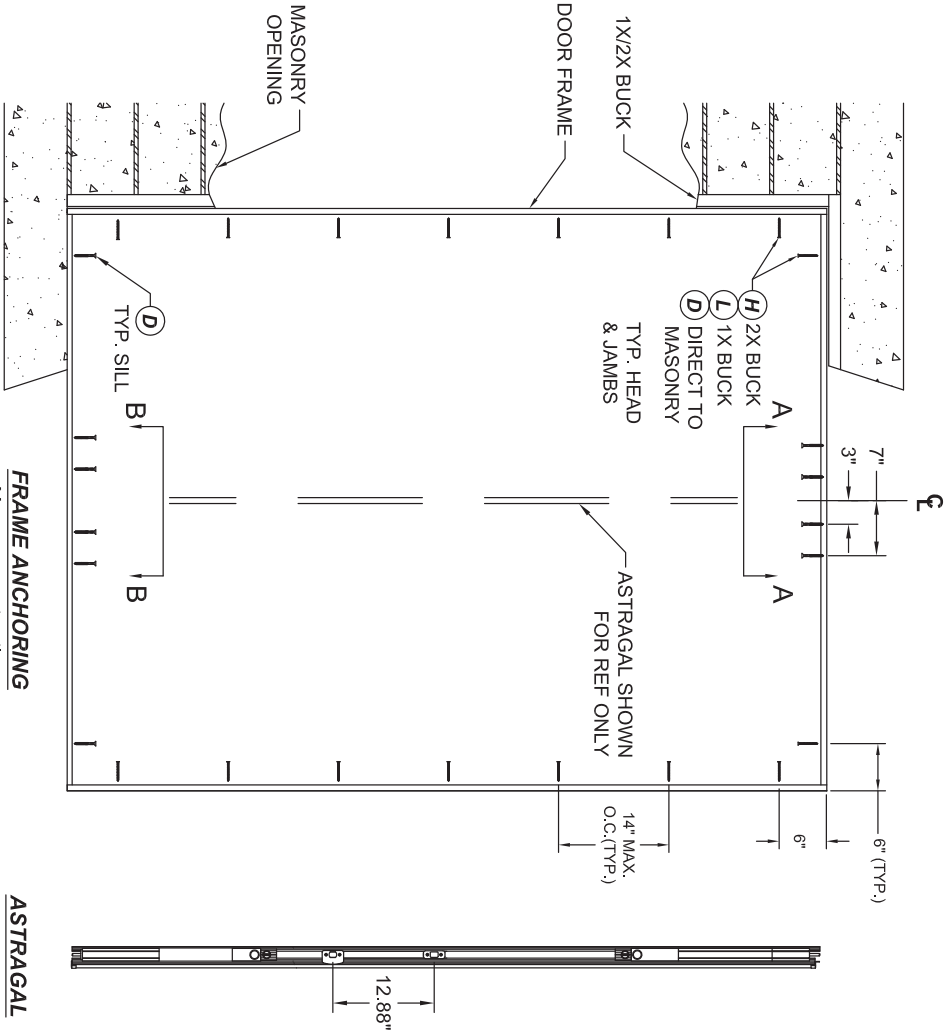
HINGE DETAIL 2



STRIKE PLATE DETAIL



HINGE DETAIL 1



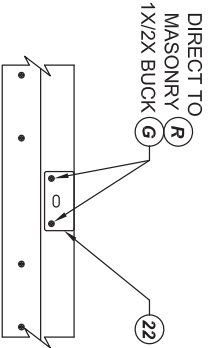
FRAME ANCHORING

ASTRAGAL

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

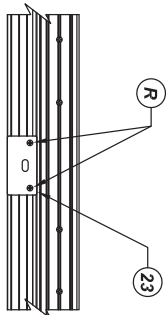
WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.



VIEW A-A

Astragal Strike @ Head



VIEW B-B

Astragal Strike @ Sill

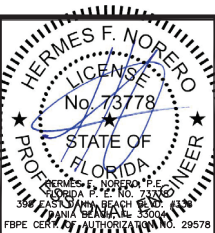
REVISIONS

NO.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR NON-IMP. INSWING/OUTSWING	
FRAME ANCHORING	
PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004	
PH: (954) 399-8478	FX: (954) 744-4738



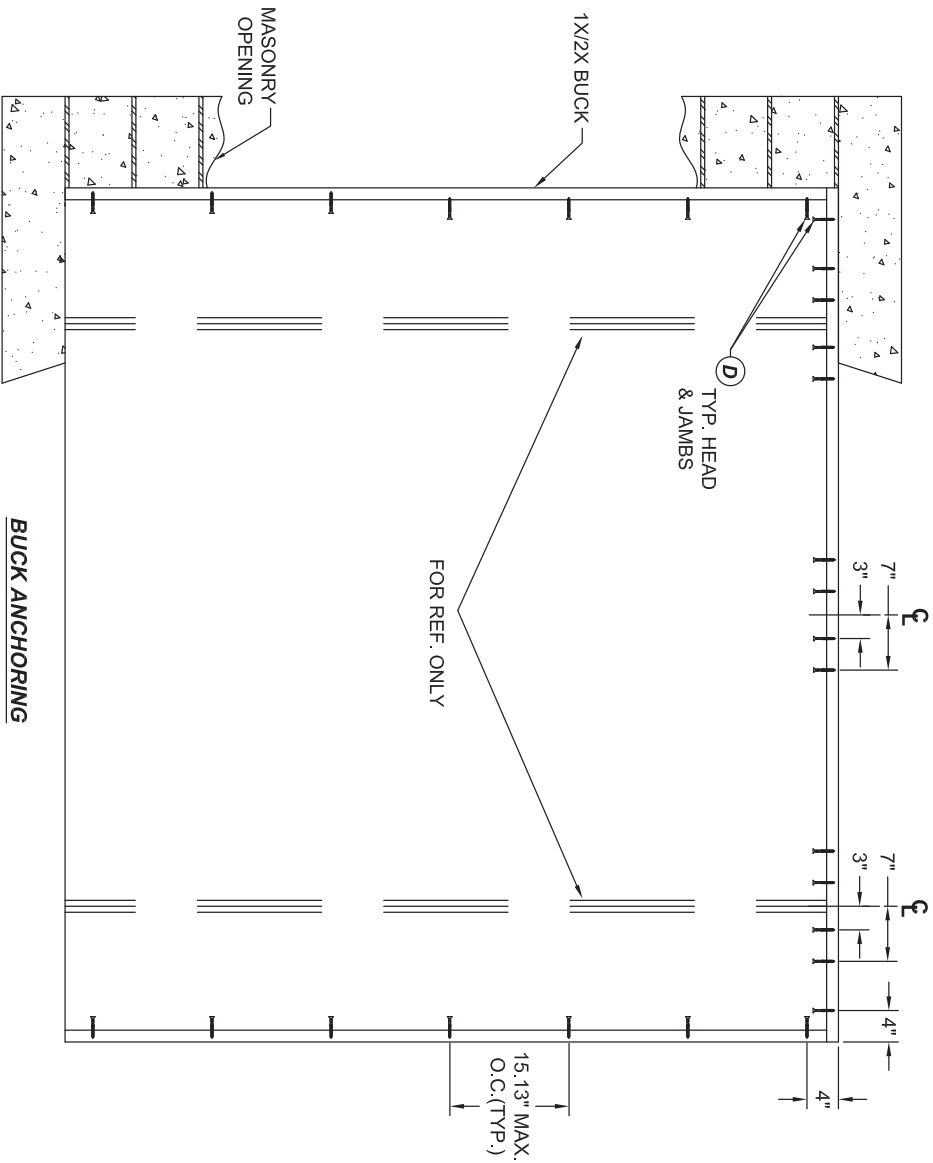
TRINITY GLASS INTERNATIONAL
3985 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 23 OF 28



CONCRETE ANCHOR NOTES:

- Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
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WOOD SCREW INSTALLATION NOTES:

- Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.

BUCK ANCHORING



TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300

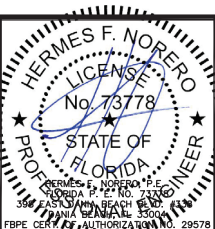
TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

BUCK ANCHORING

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

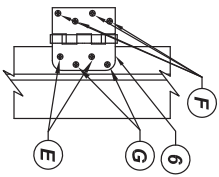
REVISIONS			
NO.	DESCRIPTION	BY	DATE



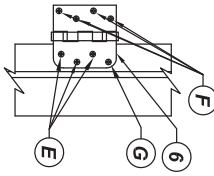
DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

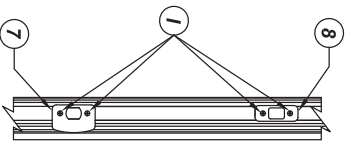
SHEET: 24 OF 28



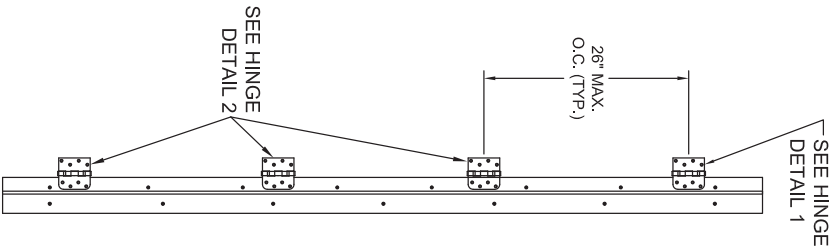
HINGE DETAIL 1



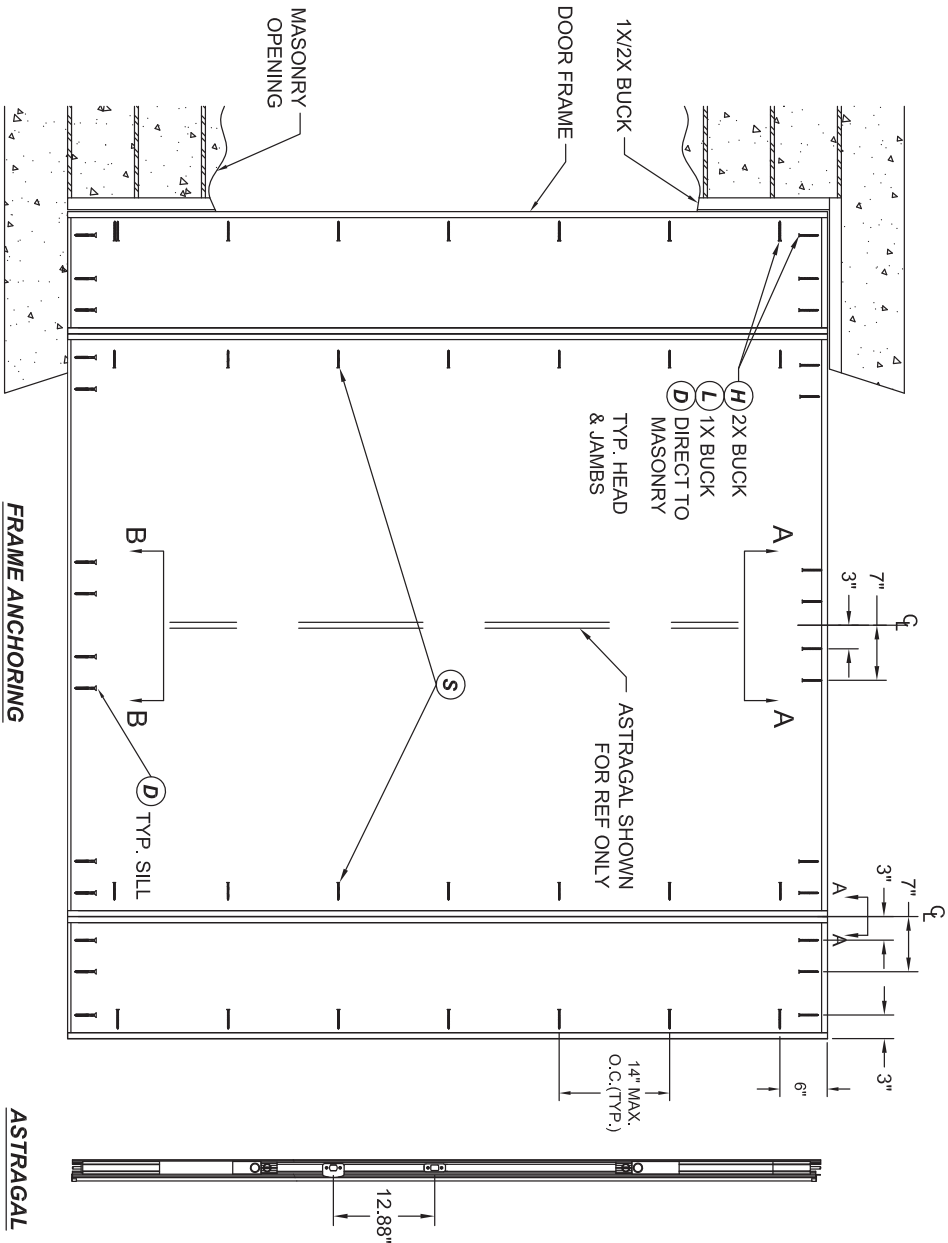
HINGE DETAIL 2



STRIKE PLATE DETAIL



HINGE JAMB



1. Concrete anchor locations noted as "MAX ON CENTER" and at the corners must be adjusted to maintain min. edge distance to mortar joints. Additional concrete anchors may be required to ensure the "MAX ON CENTER" dimensions are not exceeded.
2. Concrete anchor table:

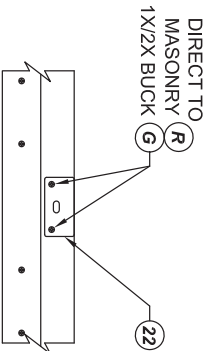
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJUSTMENT ANCHOR
ITW BULDEX TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRA CON®	1/4"	1-1/4"	1"	4"
ITW BULDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a min. 5/8" edge distance, & 1" o.c. spacing of wood screws to prevent splitting of wood.

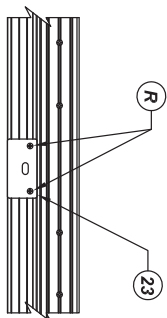
FRAME ANCHORING

Masonry construction



VIEW A-A

Astragal Strike @ Head



VIEW B-B

Astragal Strike @ Sill

REVISIONS

No.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

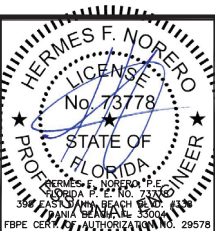
FRAME ANCHORING

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738



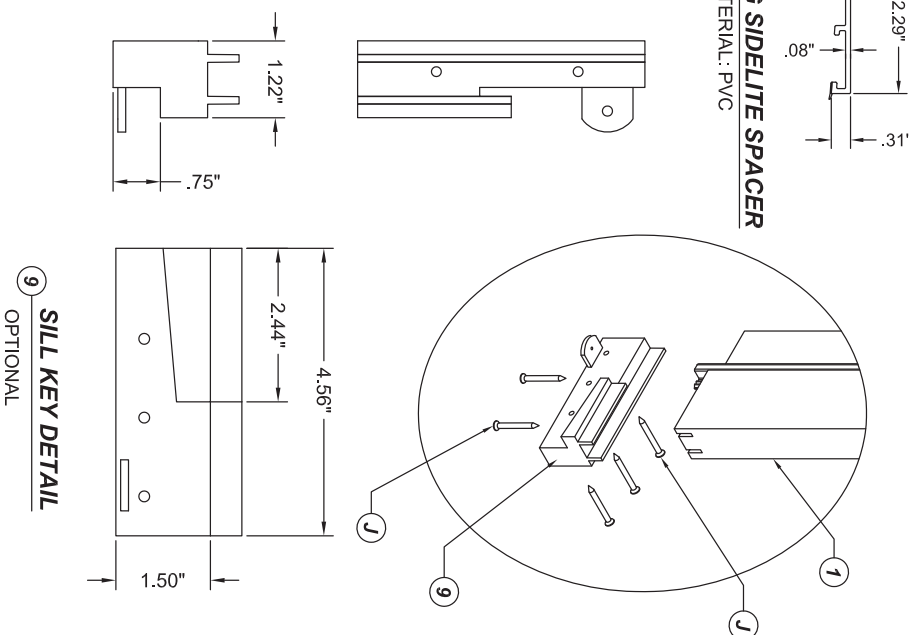
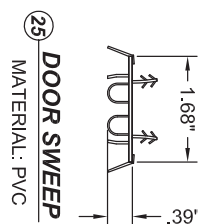
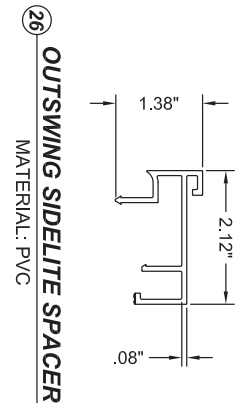
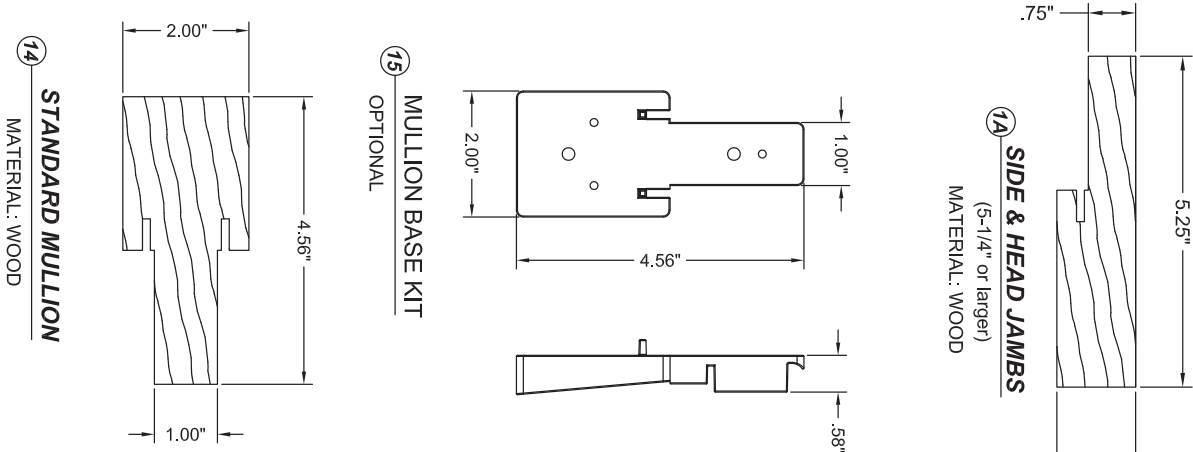
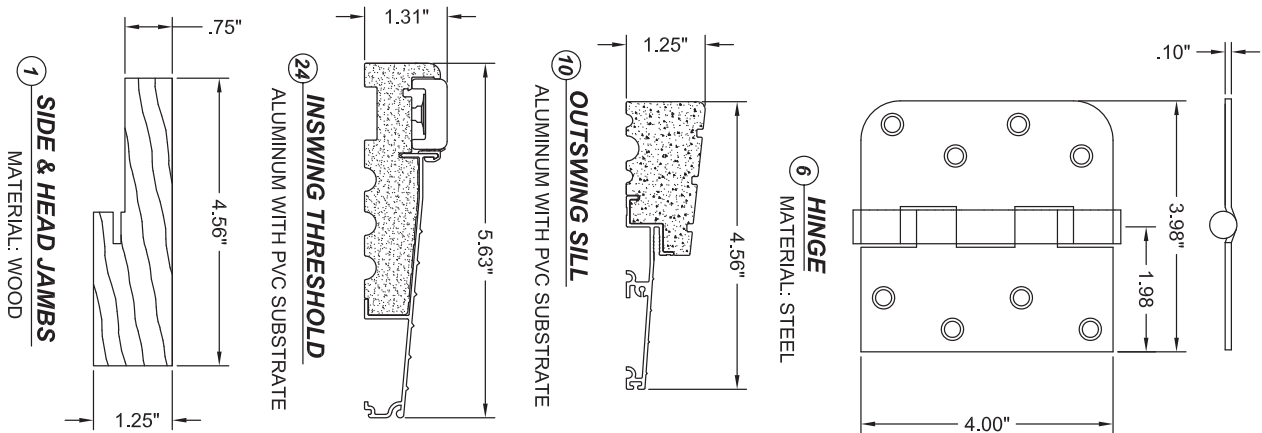
TRINITY GLASS INTERNATIONAL
3365 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: FL-20867.6

SHEET: 25 OF 28



REVISIONS

NO.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

TRINITY GLASS INTERNATIONAL

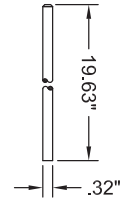
TRINITY GLASS INTERNATIONAL
 3365 1ST WAY S
 FEDERAL WAY, WA 98003
 PH: (206) 875-7300

DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

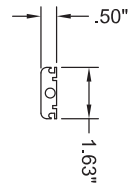
DWG #: FL-20867.6
SHEET: 26 OF 28

HERMES F. NORERO
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
License No. 73778

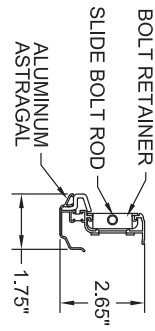
HERMES F. NORERO, P.E.
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004
 FBPE CERT. AUTHORITY NO. 29578



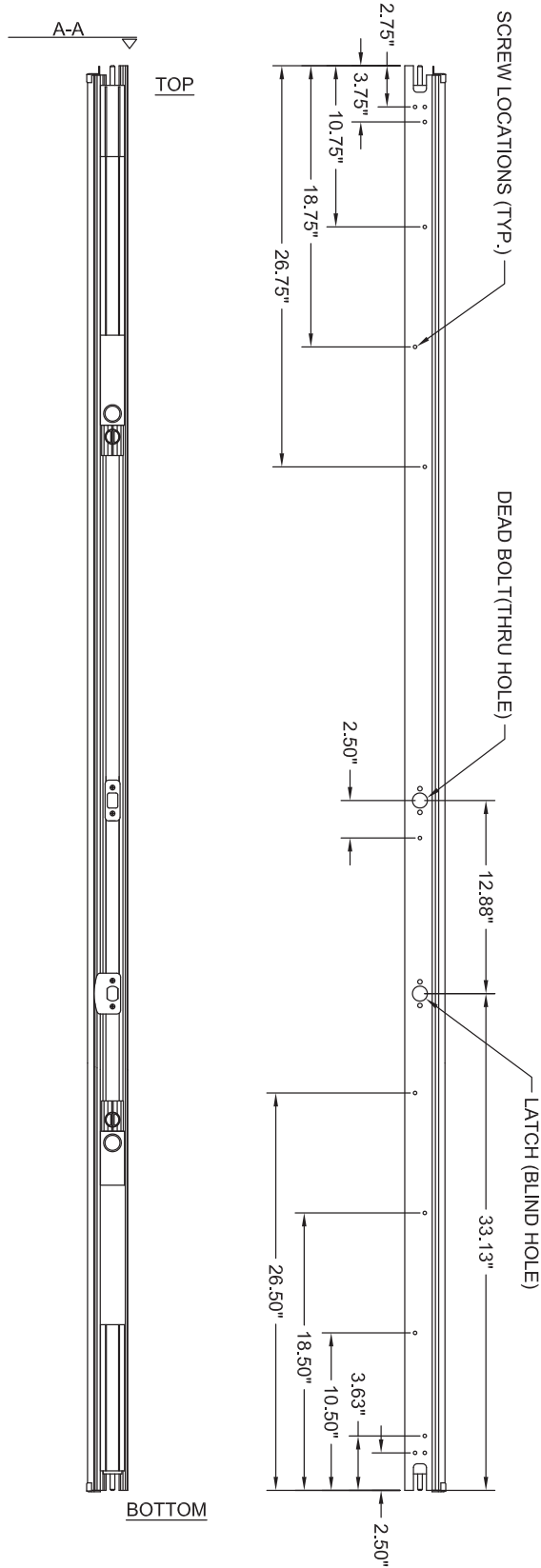
SLIDE BOLT ROD
STEEL



TOP BOLT RETAINER
9-3/4" ALUMINUM



VIEW A-A
Aluminum Astragal Assembly



ALUMINUM ASTRAGAL
Aluminum Astragal by Endura Products

REVISIONS

NO.	DESCRIPTION	BY	DATE

TITLE: OPAQUE FIBERGLASS DOOR
NON-IMP. INSWING/OUTSWING

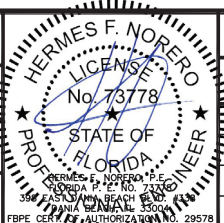
COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738



TRINITY GLASS INTERNATIONAL
3965 1ST WAY S
FEDERAL WAY, WA 98003
PH: (206) 875-7300



DATE: 07.14.16
DWN BY: LS
CHK BY: HFN
SCALE: NTS

DWG #: **FL-20867.6**

SHEET: **27 OF 28**

BILL OF MATERIAL		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG>=0.55	WOOD
B	2X BUCK SG>=0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	#9 X 3/4" PFH WS	STEEL
F	#9 X 1" PFH WS	STEEL
G	#9 X 2-1/4" PFH WS	STEEL
H	#10 X 2-1/2" PFH WS	STEEL
I	#8 X 2" PFH WS	STEEL
J	#6 X 1-1/4" DRYWALL SCREW	STEEL
K	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
L	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
M	1/4" X 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
N	3/16" X 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
O	#8 X 2-1/2" PFH WS	STEEL
P	3/16" X 2-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
Q	#8 X 1" PFH WS	STEEL
R	3/16" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
S	#8 X 2 1/4" PFH WS	STEEL
1	JAMB (FINGER-JOINT PINE - SG>=0.42)	WOOD
1A	JAMB (FINGER-JOINT PINE - SG>=0.42)	WOOD
5	WEATHER STRIP OEED650 Q-LON	-
6	3.98" X 4.0" HINGE MIN 0.098" MIN THICK	STEEL
7	STRIKE PLATE	STEEL
8	DEADBOLT PLATE	STEEL
9	SILKEY	PC/ASA
10	OUTSWING SILL - ALUMINUM WITH PVC SUBSTRATE	ALUM./PVC
11	DOOR PANEL - SEE DOOR PANEL CONSTRUCTION DETAILS SHEET	-
12	SIDELITE PANEL - SEE SIDELITE PANEL CONSTRUCTION DETAILS SHEET	-
13	OUTSWING SIDELITE SPACER	PVC
14	STANDARD MULLION (FINGER JOINT PINE SG>=0.42)	WOOD
15	MULLION BASE KIT	PC/ASA
20	ALUMINUM ASTRAGAL BY ENDURA PRODUCTS	ALUMINUM
22	ASTRAGAL STRIKE @ HEAD	STEEL
23	ASTRAGAL STRIKE @ SILL	STEEL
24	INSWING SILL - ALUMINUM WITH PVC SUBSTRATE	ALUM./PVC
25	DOOR SWEEP	PVC
26	INSWING SIDELITE SPACER	PVC



TRINITY GLASS INTERNATIONAL
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TITLE: OPAQUE FIBERGLASS DOOR NON-IMP. INSWING/OUTSWING	
BILL OF MATERIALS	
PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738	

REVISIONS			
NO.	DESCRIPTION	BY	DATE



DATE: 07.14.16	DWG #: FL-20867.6
DWN BY: LS	SHEET: 28 OF 28
CHK BY: HFN	
SCALE: NTS	