

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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.
4. 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.
5. FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT WITH 2 1/2" MIN. EDGE DISTANCE.
7. FOR INSTALLATION INTO STEEL STUD FRAME USE #10-16 TEK SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND STEEL STRUCTURE.
8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 10.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.
- 11.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.
- 14.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 COMPRESSIVE STRENGTH OF 3000 PSI.

C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI.

E. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM WALL THICKNESS OF 48 MIL (0.048" or 18 GAUGE). MIN. 1/2" EDGE DISTANCE.

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

• TAS 201-94

• TAS 202-94

• TAS 203-94
2. 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.
3. 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.
4. 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 AND TO BE REVIEWED BY BUILDING OFFICIAL FOR HVHZ. DEVIATION FROM NOA REQUIRES ONE TIME APPROVAL BY MIAMI-DADE COUNTY RER.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: SOLID MAHOGANY
7. DOOR FRAME MATERIAL: MAHOGANY (MIN. S.G.=0.44). ALL WOOD COMPONENTS TO BE EQUAL OR STRONGER.
8. IN ACCORDANCE WITH THE FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
9. IN ACCORDANCE WITH THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED.

ETO DOORS

WOOD OPAQUE INSWING

IMPACT RATED DOORS

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	B	INSTALLATION & GENERAL NOTES
2	B	ELEVATIONS & ANCHOR LAYOUTS
3	B	ELEVATION, ANCHOR LAYOUT, & PANEL DETAIL
4	B	VERTICAL & HORIZONTAL SECTIONS
5	B	HORIZONTAL SECTIONS
6	B	COMPONENTS & BILL OF MATERIALS
7	B	QUALIFIED CONFIGURATIONS

DESIGN PRESSURE RATING		
DESIGN PRESSURE - ALL SIZES		MISSILE IMPACT RATING
+70*/- 70 PSF	NOT RATED FOR WATER INFILTRATION	LARGE AND SMALL MISSILE IMPACT RATED

*UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THE OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT GREATER THAN 1.0 WHERE WATER INFILTRATION IS REQUIRED.

Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2019.06.19 18:55:30 -04'00'



ETO DOORS
1340 E. 6TH STREET
LOS ANGELES, CA 90021
PH: (213) 622-2003
WWW.ETODOORS.COM

WOOD OPAQUE I/S
IMPACT RATED DOORS

INSTALLATION
& GENERAL NOTES

PREPARED BY:

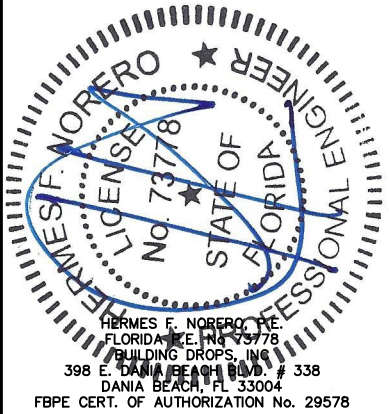
BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA
CHK. BY: HFN

SCALE: NTS

DWG. #: ETO005

SHEET:

1

OF 7



ETO DOORS
1340 E. 6TH STREET
LOS ANGELES, CA 90021
PH: (213) 622-2003
WWW.ETODOORS.COM

TITLE:
WOOD OPAQUE I/S
IMPACT RATED DOORS

ELEVATIONS
& ANCHOR LAYOUTS

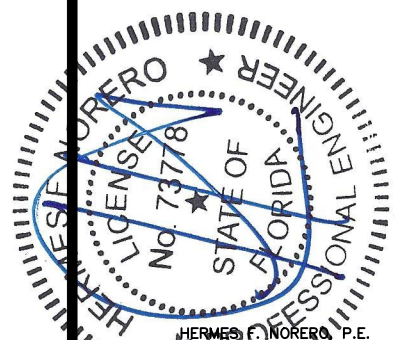
PREPARED BY:
BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



HERMES J. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA
CHK. BY: HFN

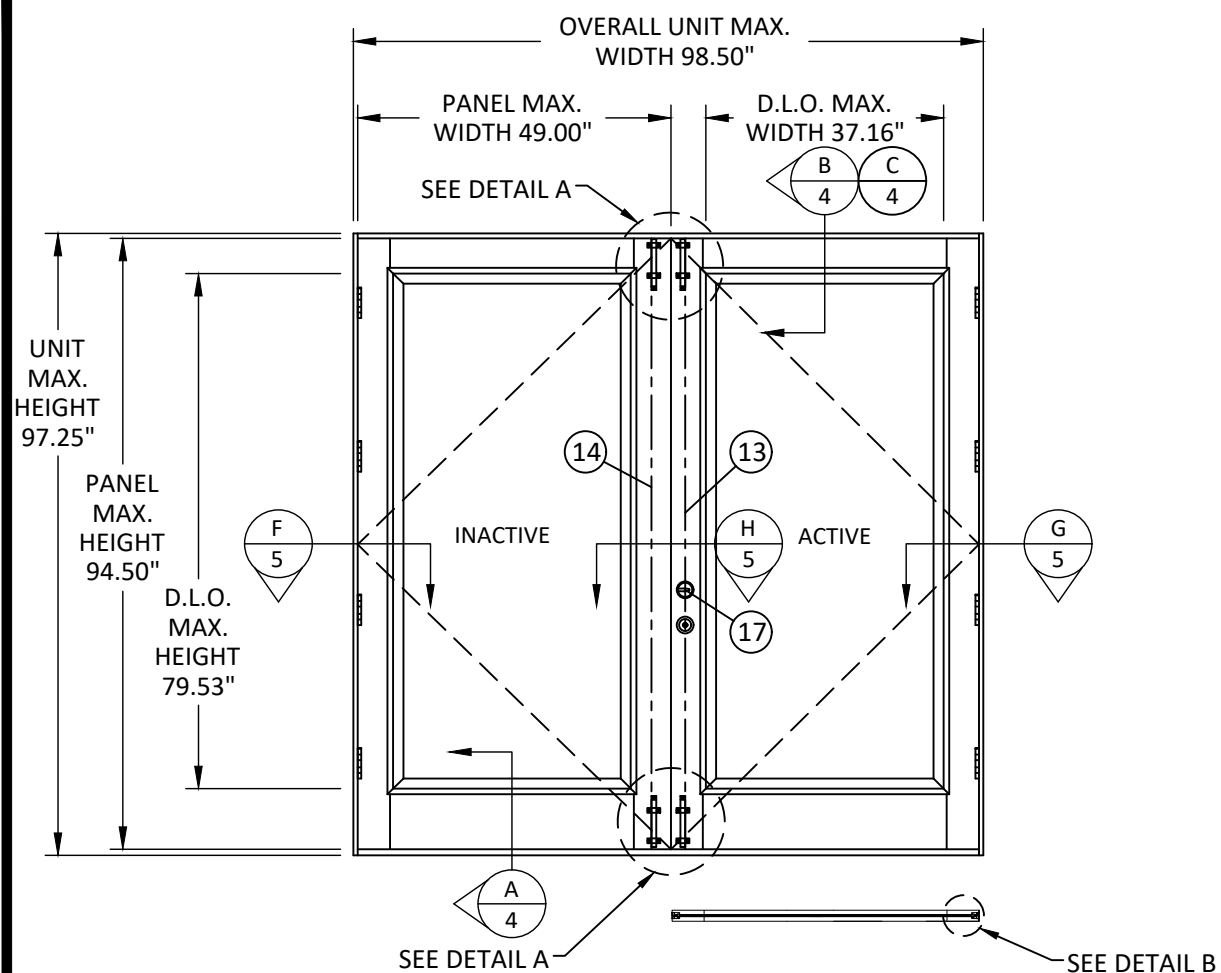
SCALE: NTS

DWG. #: ETO005

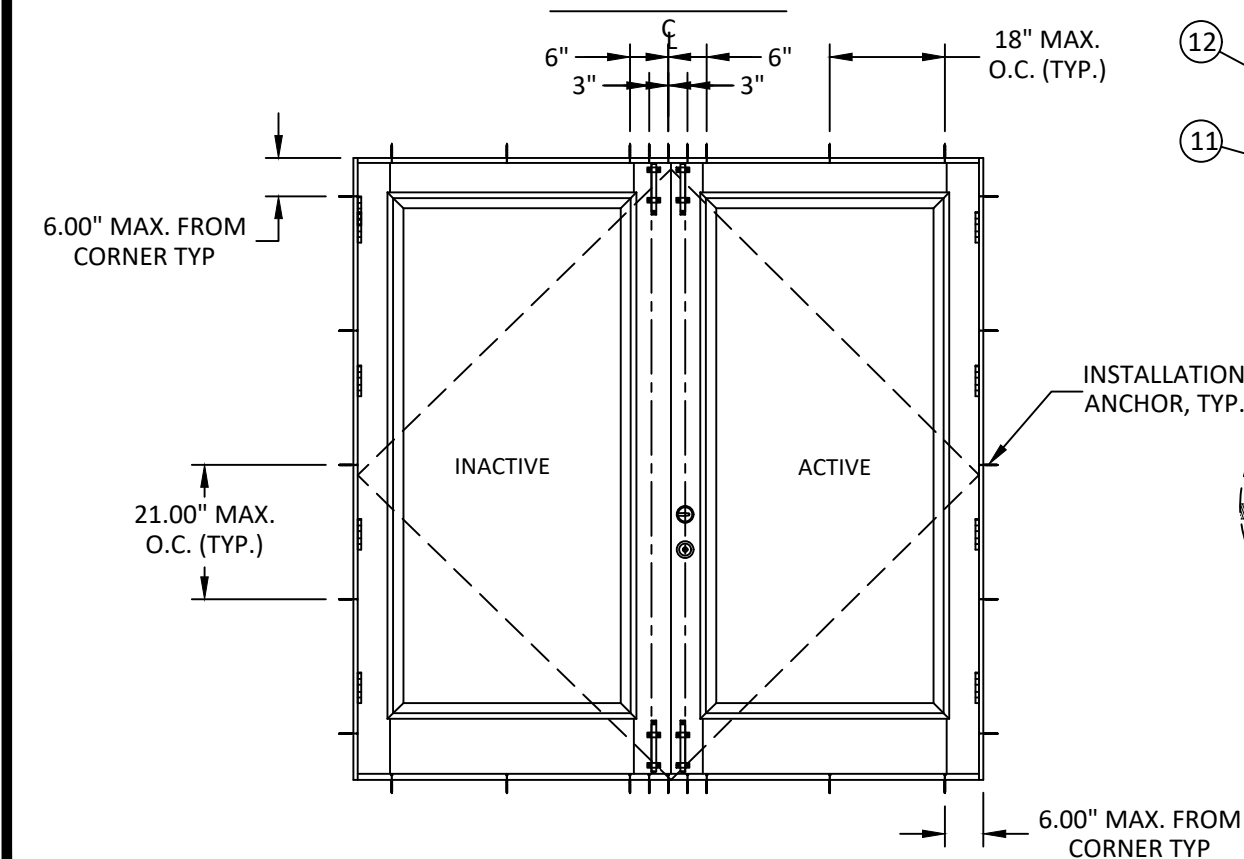
SHEET:

2

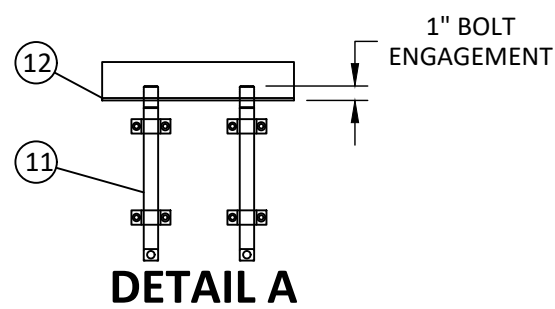
OF 7



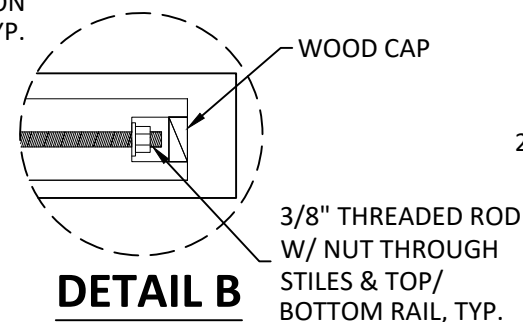
ELEVATION



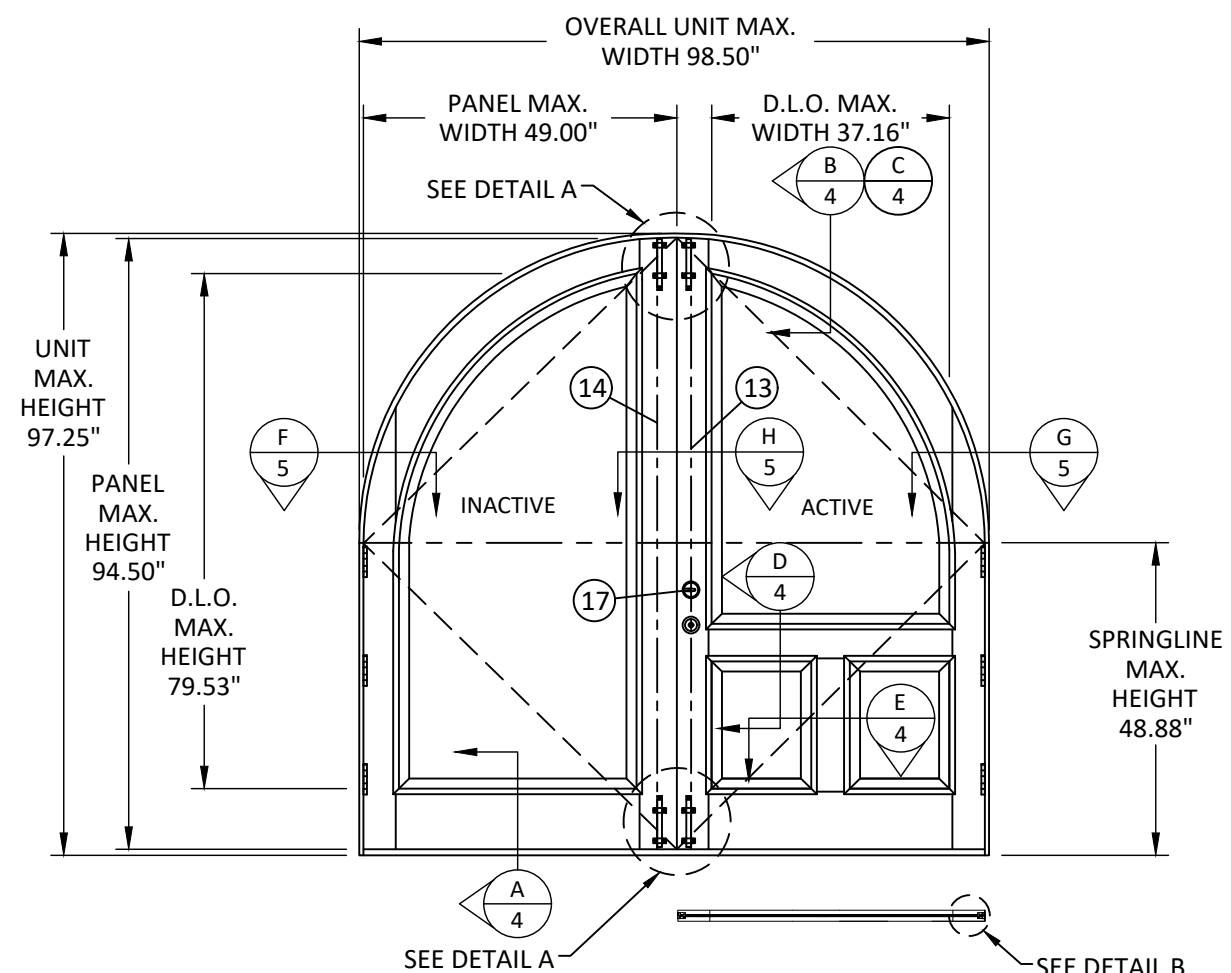
ANCHOR LAYOUT



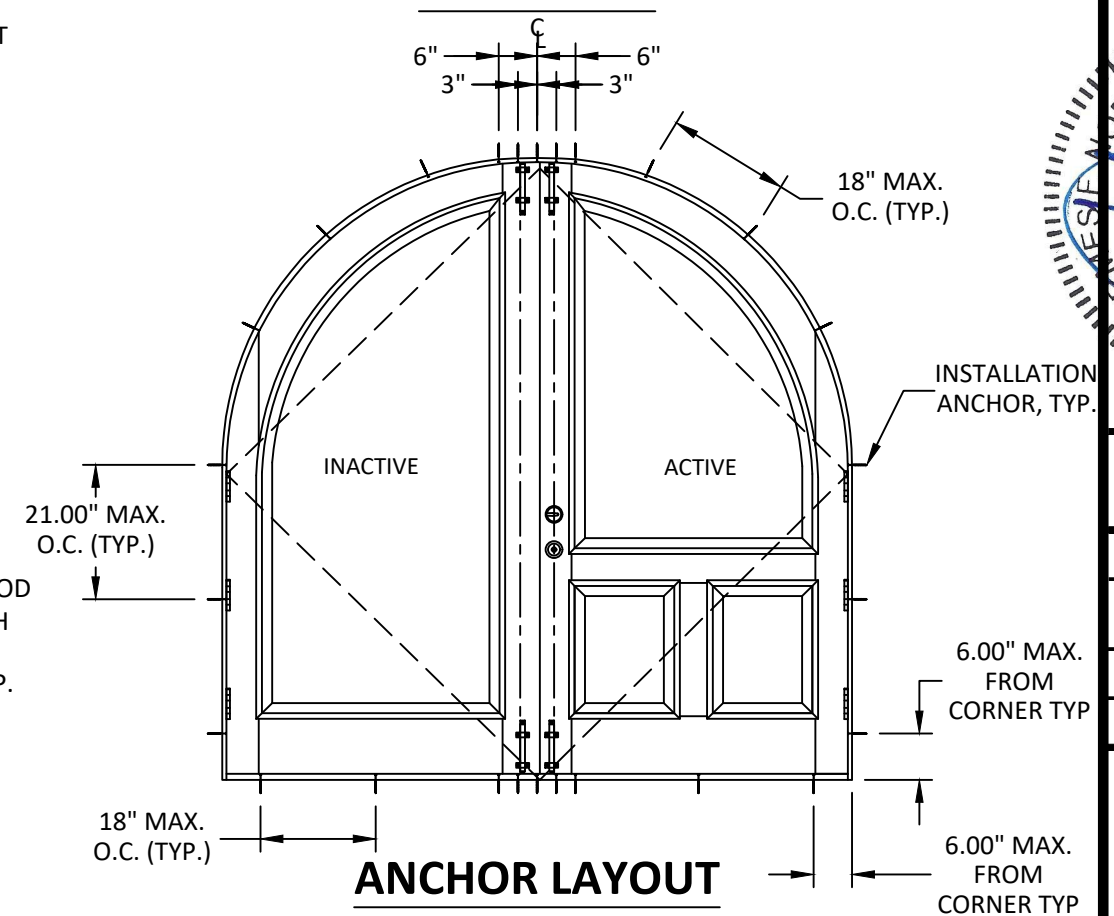
DETAIL A



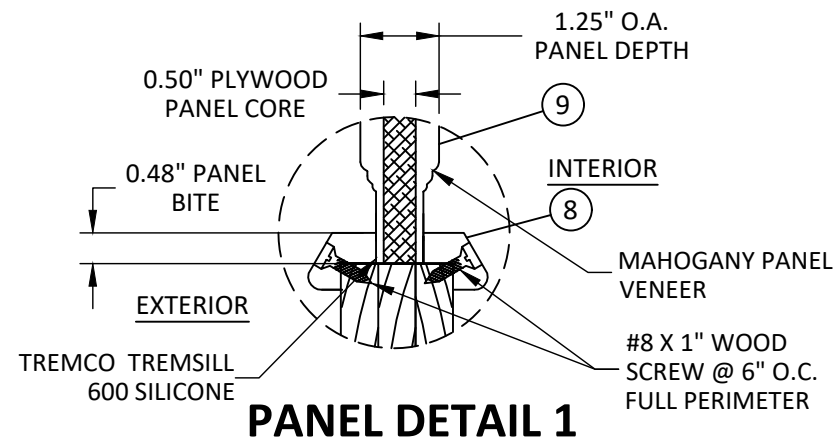
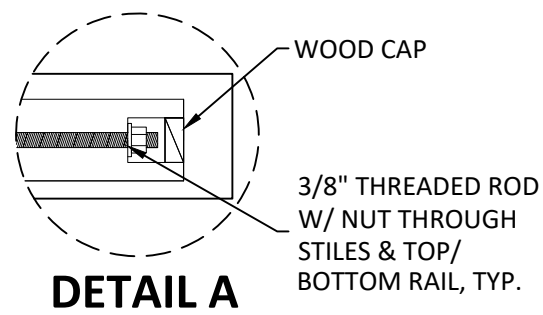
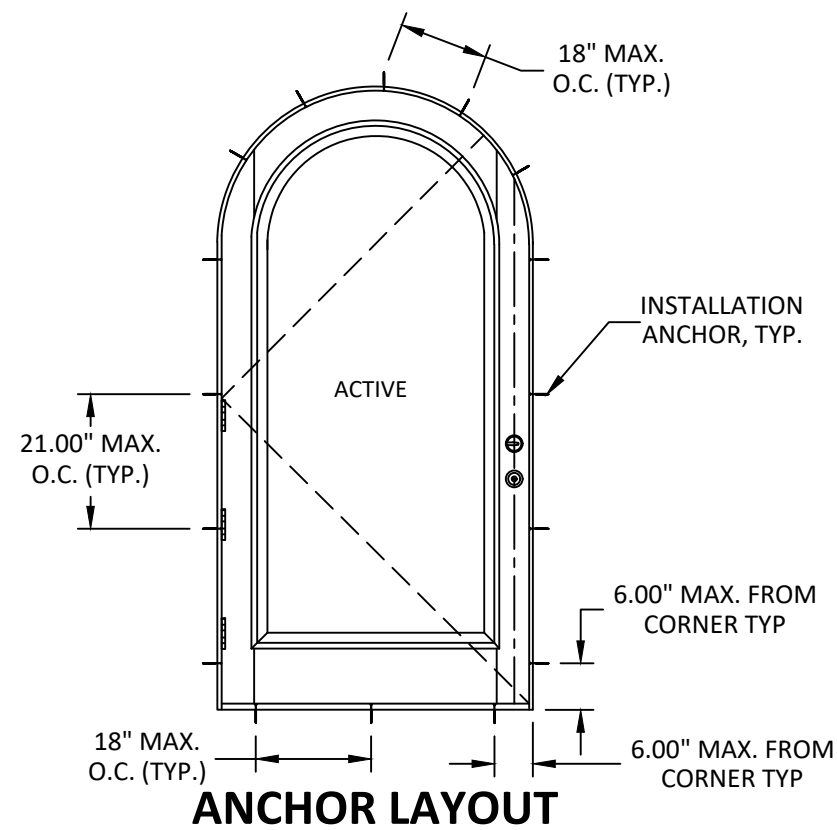
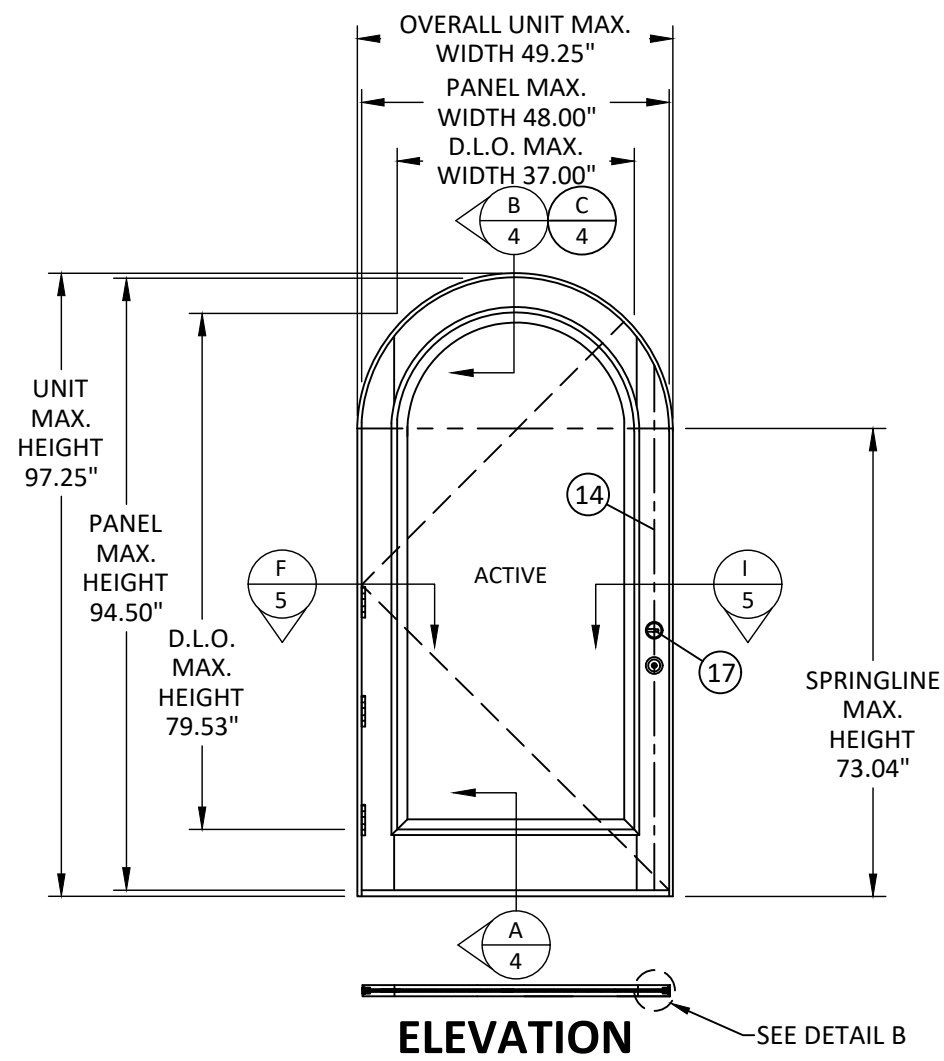
DETAIL B



ELEVATION



ANCHOR LAYOUT



ETO DOORS
 1340 E. 6TH STREET
 LOS ANGELES, CA 90021
 PH: (213) 622-2003
 WWW.ETODOORS.COM

TITLE: WOOD OPAQUE I/S
 IMPACT RATED DOORS

ELEVATION, ANCHOR LAYOUT,
 & PANEL DETAIL

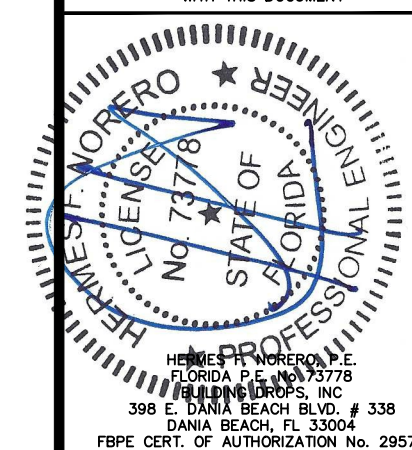
PREPARED BY:

BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 PH: (954)399-8478
 FAX: (954)744-4738
 WEB: www.buildingdrops.com



REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA

CHK. BY: HFN

SCALE: NTS

DWG. #: ETO005

SHEET:

3

OF 7

TITLE:
WOOD OPAQUE I/S
IMPACT RATED DOORS

VERTICAL
& HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA
CHK. BY: HFN

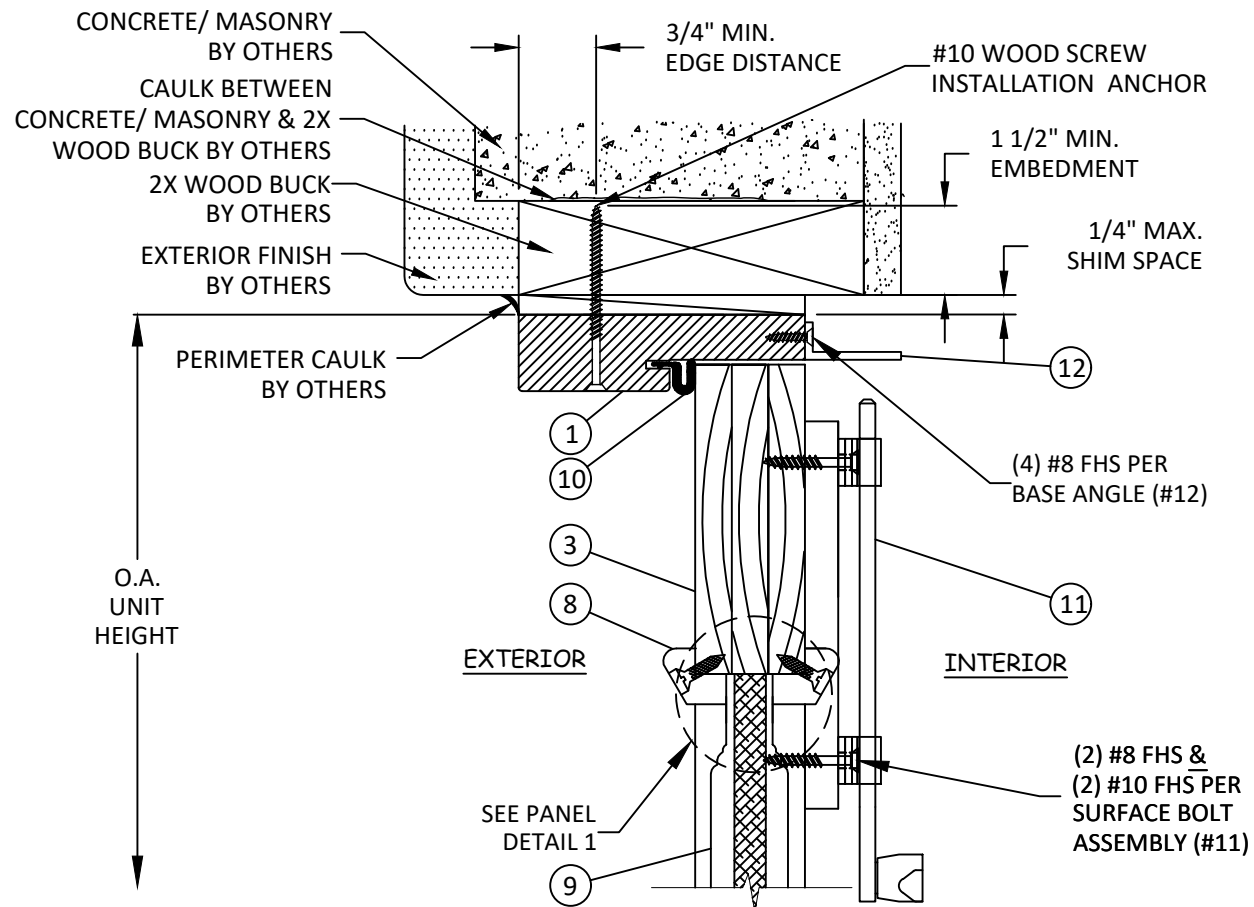
SCALE: NTS

DWG. #: ETO005

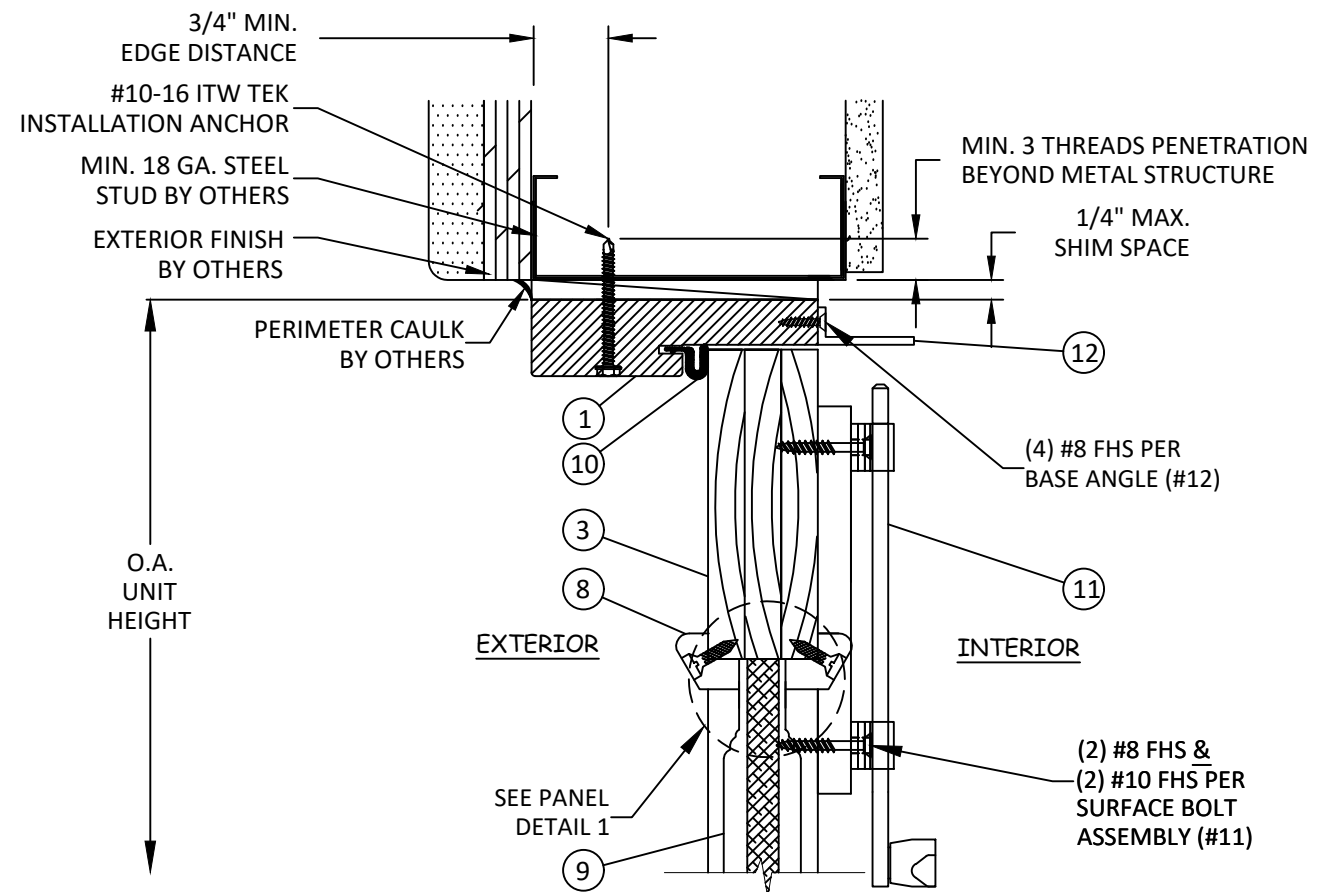
SHEET:

4

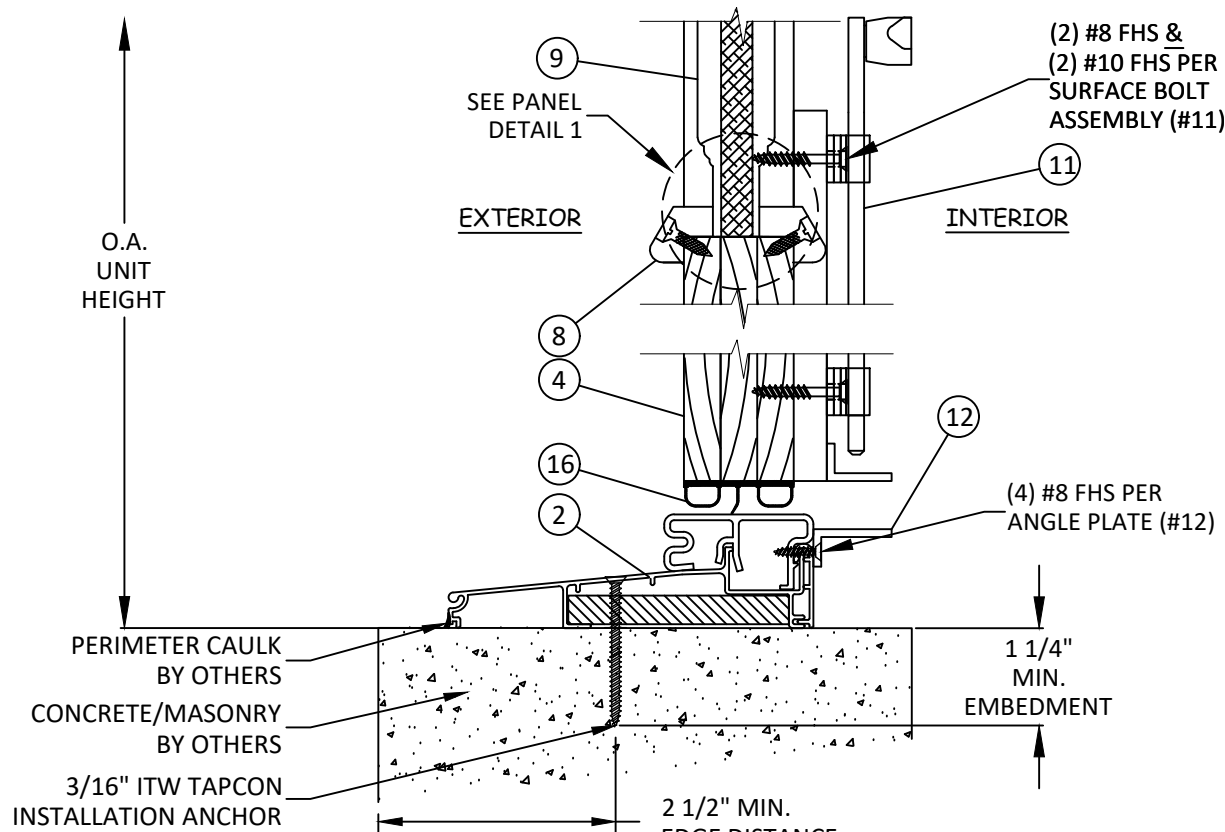
OF 7



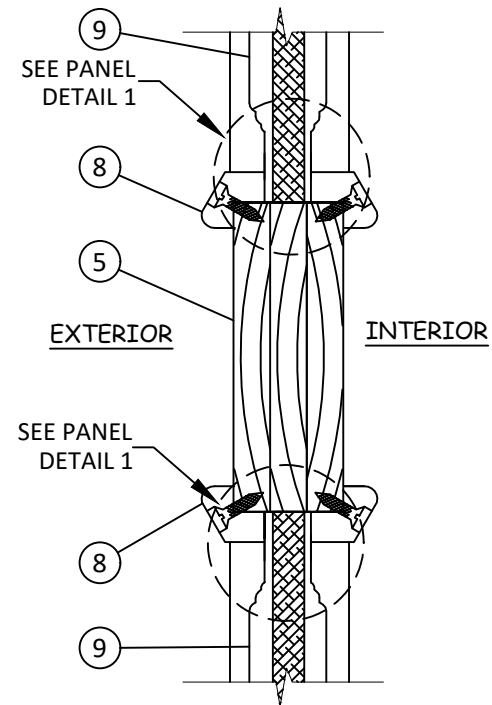
B
4 VERTICAL SECTION
HEAD - 2X WOOD BUCK



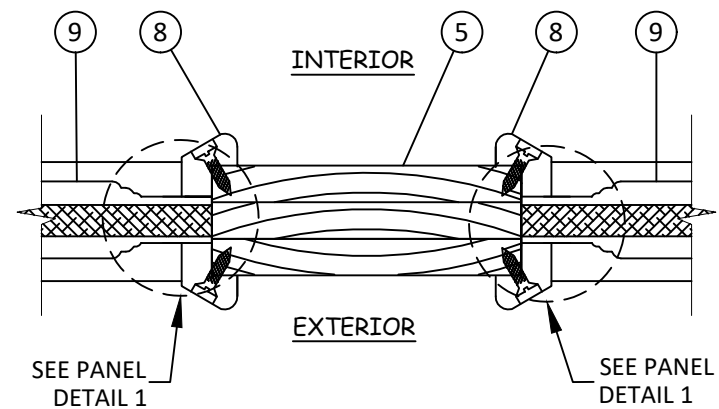
C
4 VERTICAL SECTION
HEAD - STEEL STUD



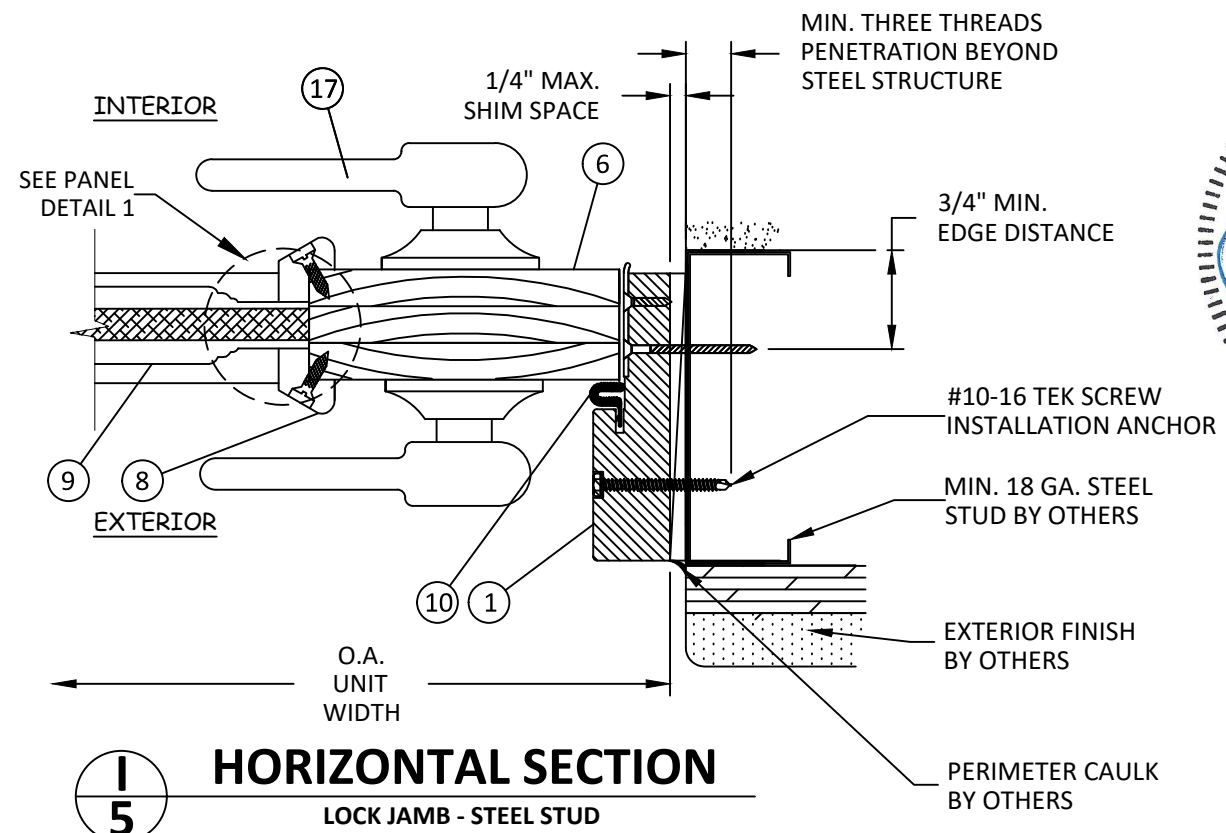
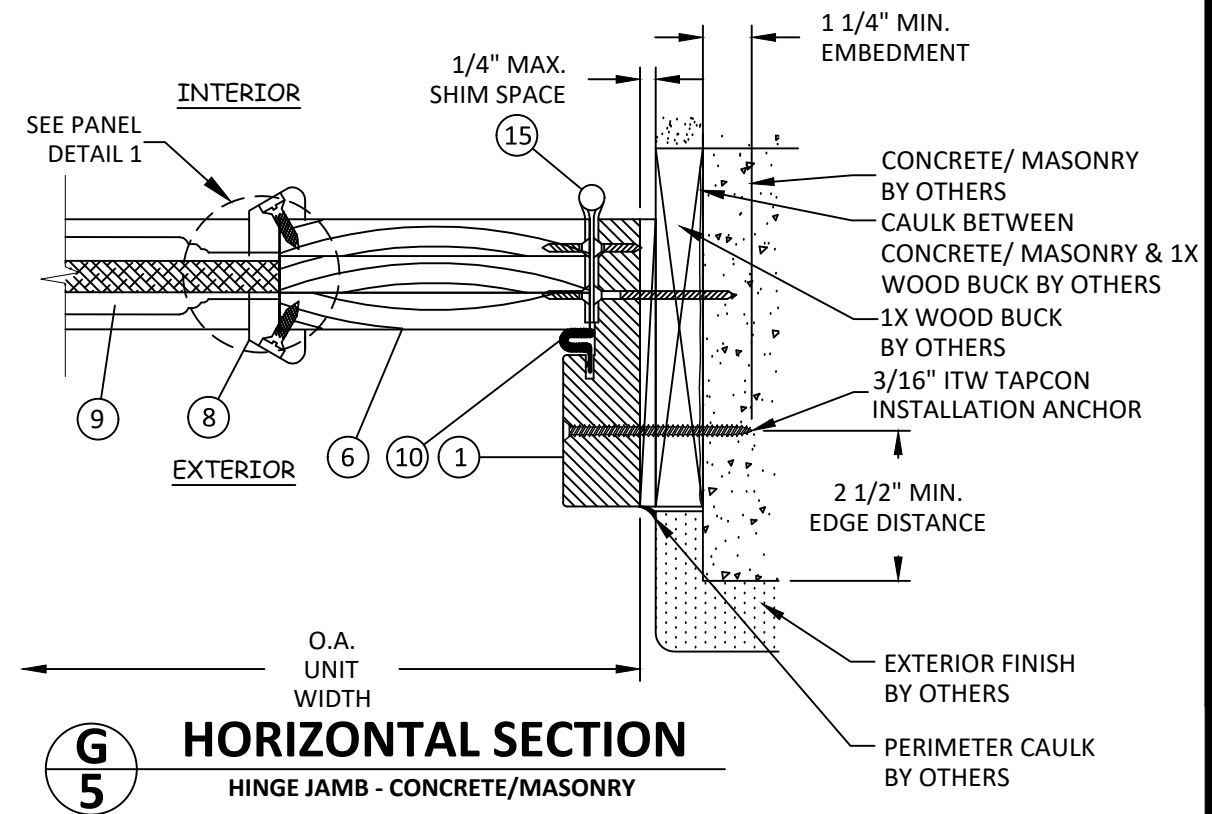
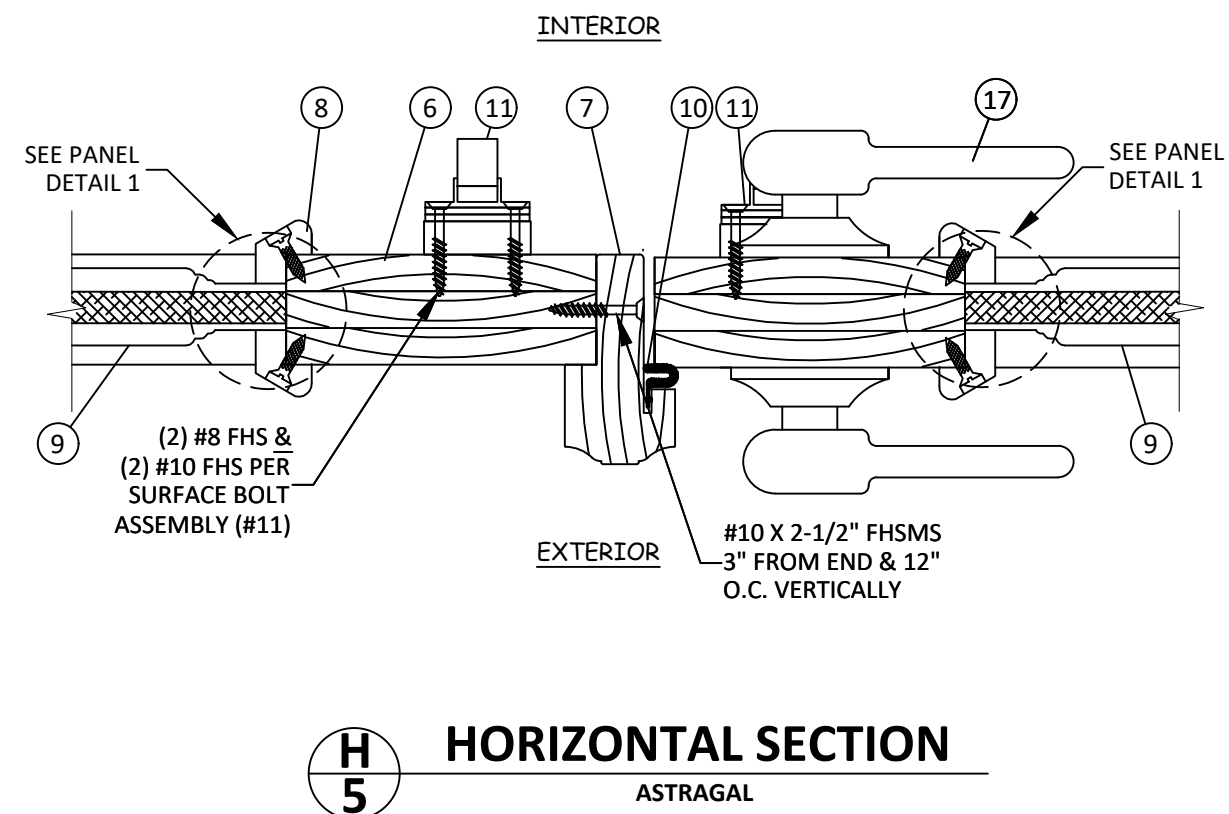
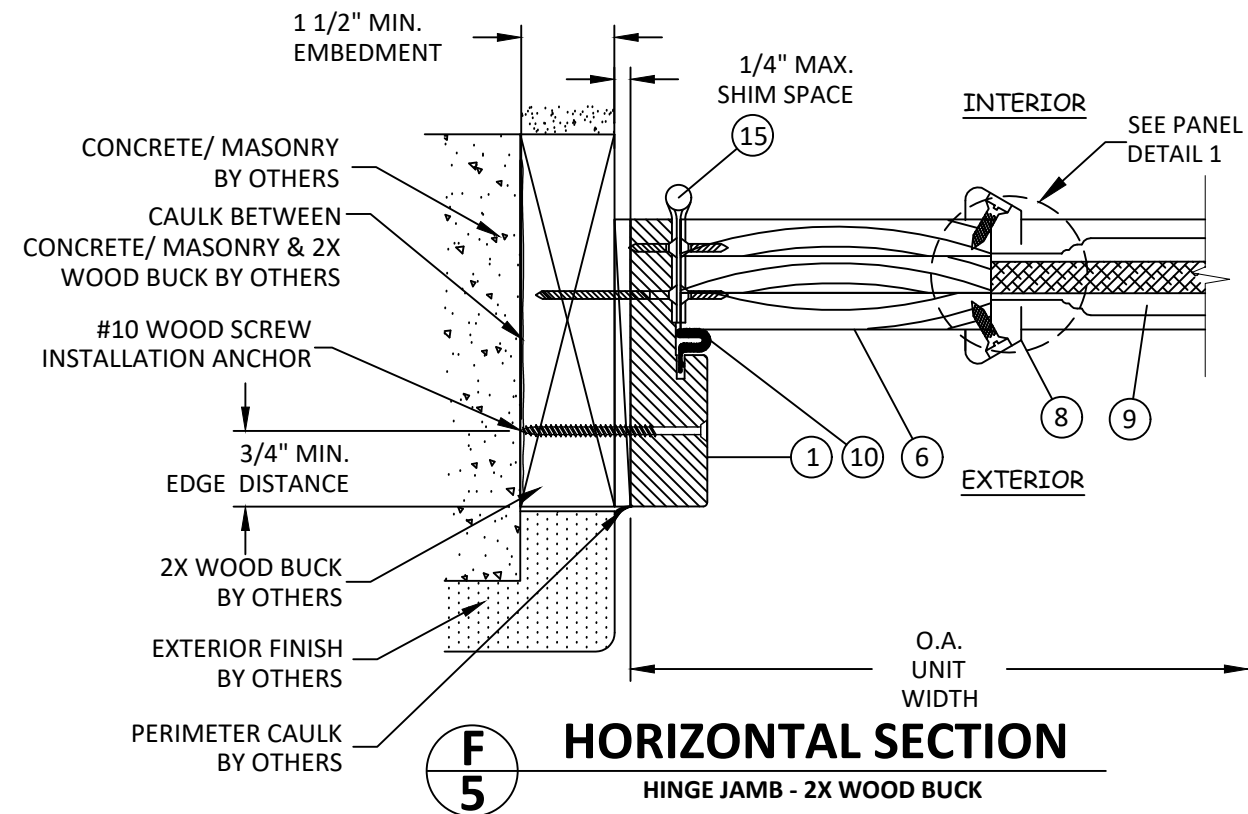
A
4 VERTICAL SECTION
SILL - CONCRETE/MASONRY



D
4 VERTICAL SECTION
MIDRAIL - OPAQUE



E
4 HORIZONTAL SECTION
MIDSTILE - OPAQUE



ETO DOORS
1340 E. 6TH STREET
LOS ANGELES, CA 90021
PH: (213) 622-2003
WWW.ETODOORS.COM

TITLE:
WOOD OPAQUE I/S
IMPACT RATED DOORS

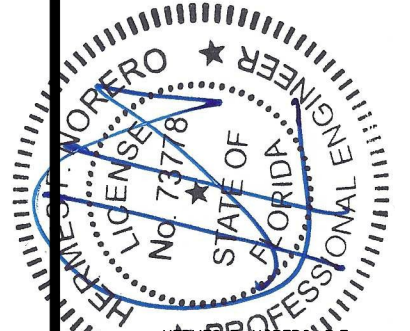
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



HERMES P. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA
CHK. BY: HFN

SCALE: NTS

DWG. #: ETO005

SHEET:

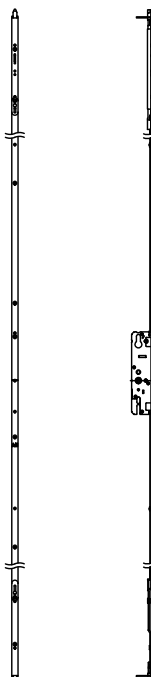
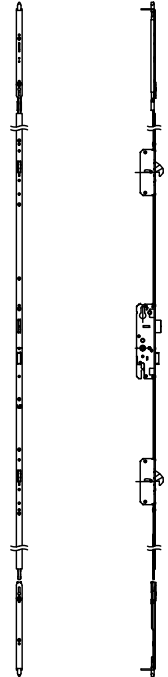
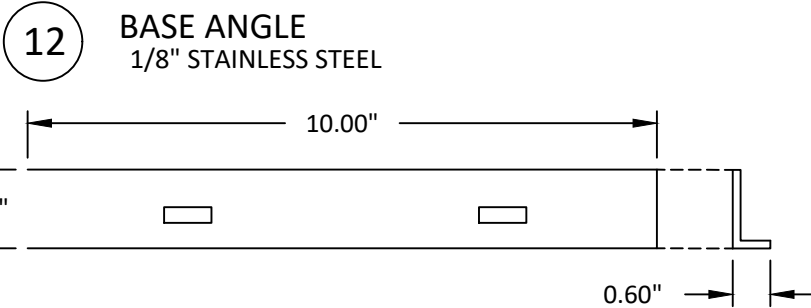
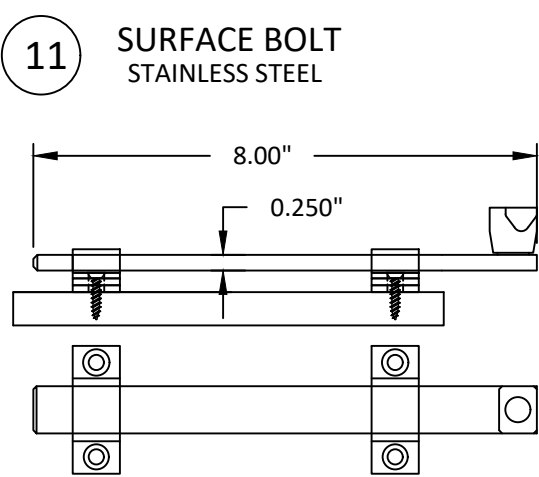
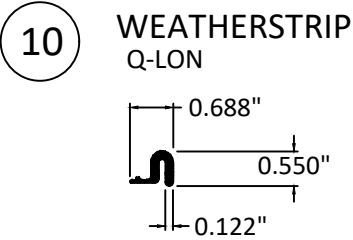
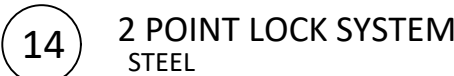
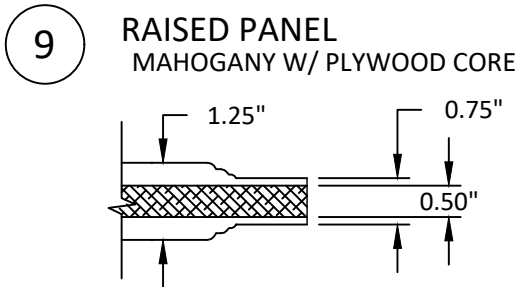
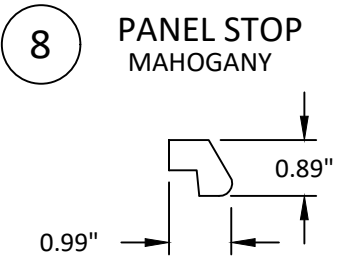
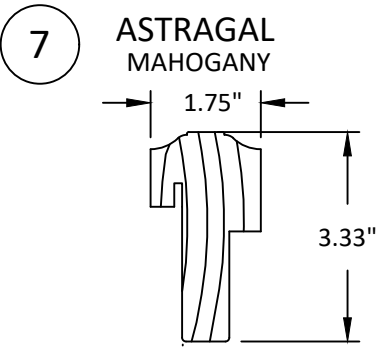
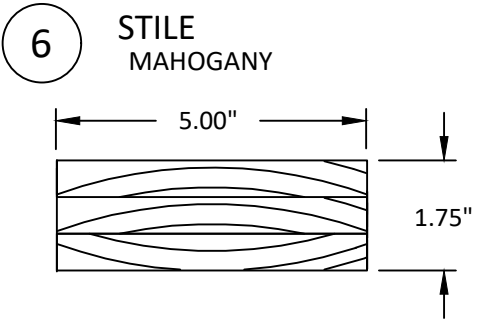
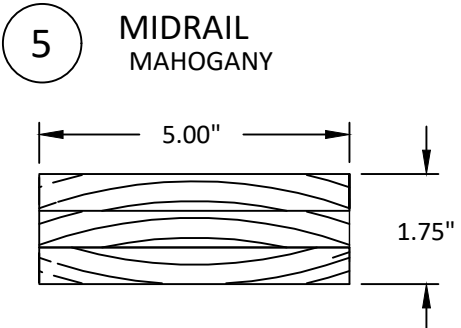
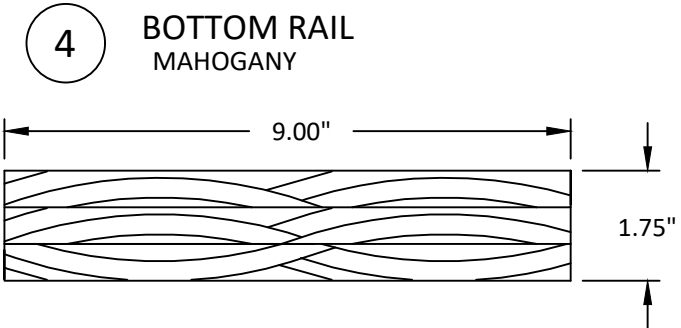
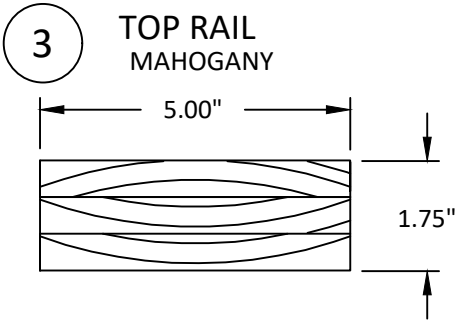
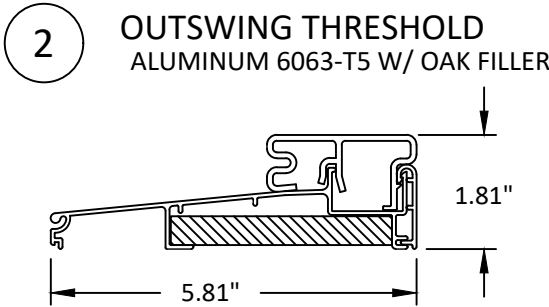
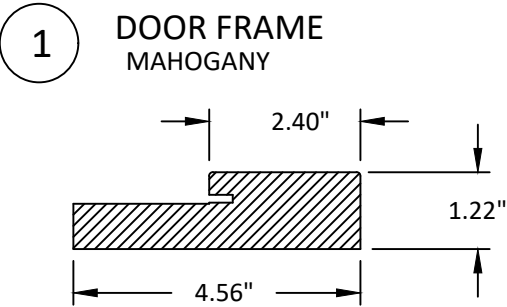
5

OF 7

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER/NOTES
1	DOOR FRAME	MAHOGANY	ETO DOORS
2	OUTSWING THRESHOLD	ALUMINUM	ENDURA
3	TOP RAIL	MAHOGANY	ETO DOORS
4	BOTTOM RAIL	MAHOGANY	ETO DOORS
5	MIDRAIL	MAHOGANY	ETO DOORS
6	STILE	MAHOGANY	ETO DOORS
7	ASTRAGAL	MAHOGANY	ETO DOORS
8	GLASS STOP	MAHOGANY	ETO DOORS
9	RAISED PANEL	MAHOGANY W/ PLYWOOD CORE	ETO DOORS
10	WEATHERSTRIP	Q-LON	SCHLEGEL
11	SURFACE BOLTS	STAINLESS STEEL	ROCKWOOD
12	STRIKE PLATE	STAINLESS STEEL	--
13	3 POINT LOCK SYSTEM	STEEL	W&F 3000-1-4070
14	2 POINT LOCK SYSTEM	STEEL	W&F 3027-12-6033
15	HINGE	STEEL	HAGAR
16	DOOR SWEEP	VINYL	--
17	DEADBOLT LOCK	STEEL	HUTTIG/C&C

NOTES:

1. MAHOGANY MIN. S.G.=0.44
2. IN ACCORDANCE WITH THE FBC, ALL WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.



ETO DOORS
1340 E. 6TH STREET
LOS ANGELES, CA 90021
PH: (213) 622-2003
WWW.ETODOORS.COM

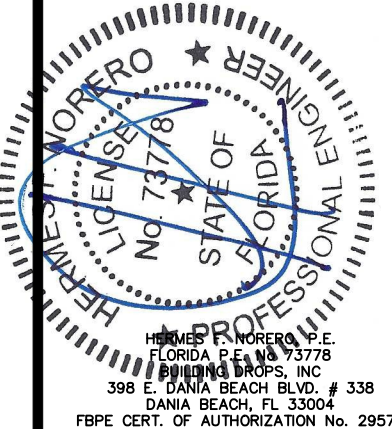
TITLE: WOOD OPAQUE I/S
IMPACT RATED DOORS

COMPONENTS
& BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA

CHK. BY: HFN

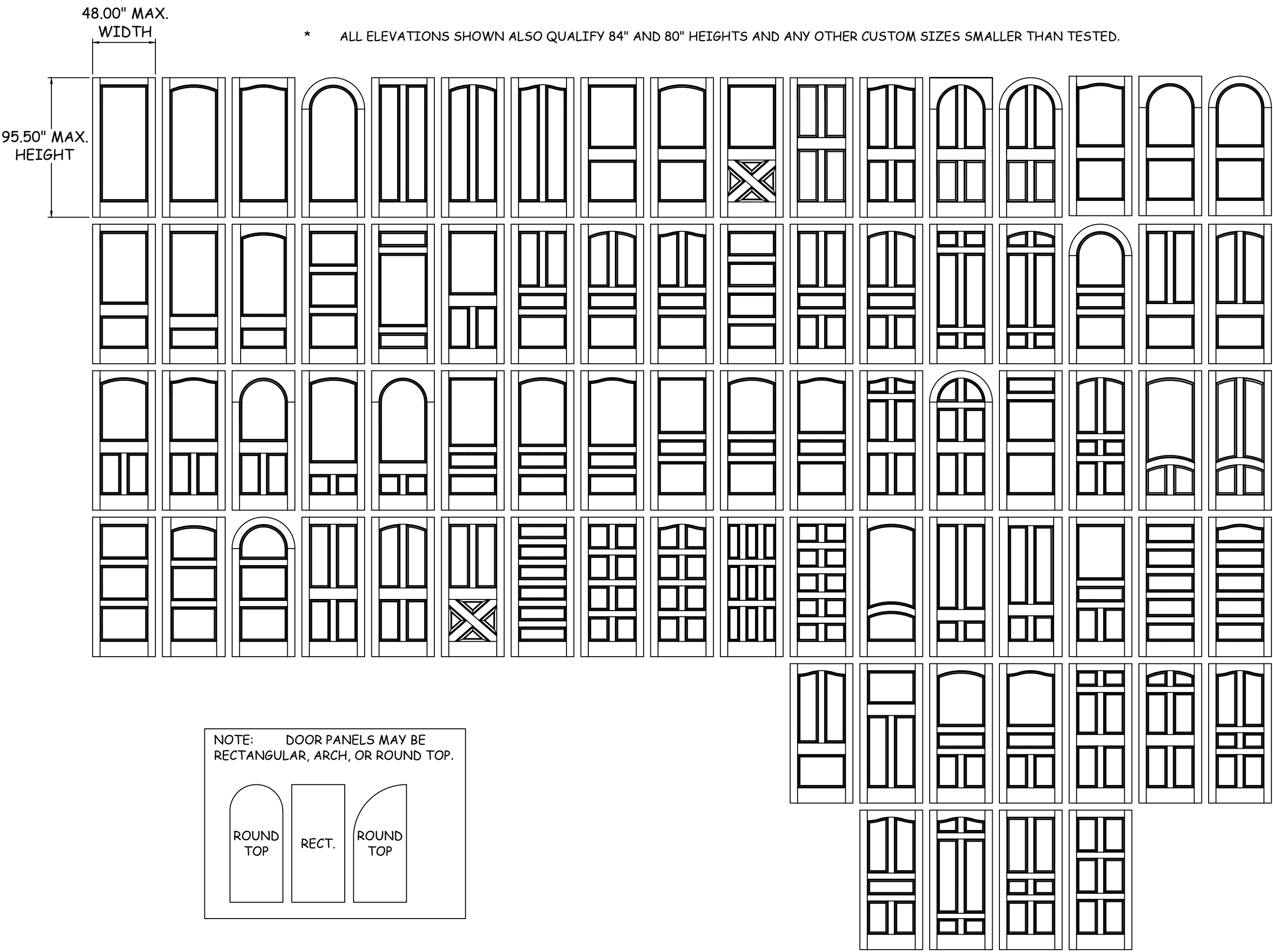
SCALE: NTS

DWG. #: ETO005

SHEET:

6

OF 7



ETO DOORS
1340 E. 6TH STREET
LOS ANGELES, CA 90021
PH: (213) 622-2003
WWW.ETODOORS.COM

TITLE: WOOD OPAQUE I/S
IMPACT RATED DOORS

QUALIFIED
CONFIGURATIONS

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)395-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
5TH ED. FBC CODE UPDATES	BB	05.20.15
6TH ED. FBC CODE UPDATES	LL	06.18.19

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



HERMES A. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL#: FL15125

DATE: 12.08.11

DWG. BY: JLA CHK. BY: HFN

SCALE: NTS

DWG. #: ETO005

SHEET:

7

OF 7