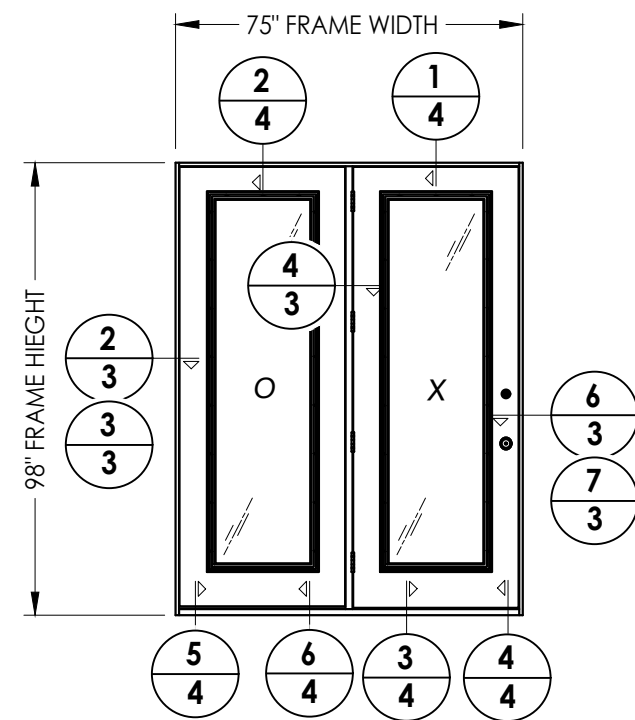
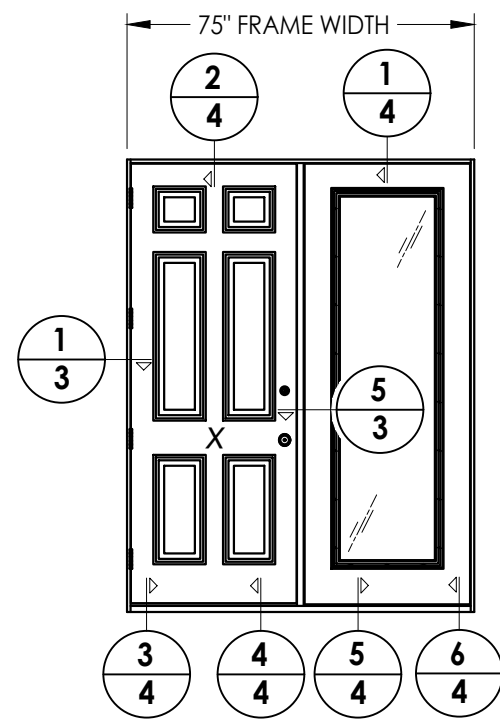
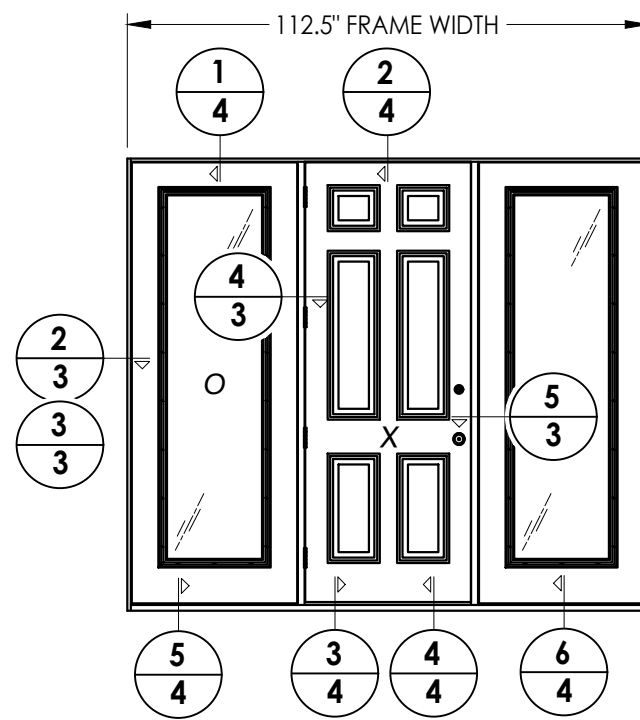




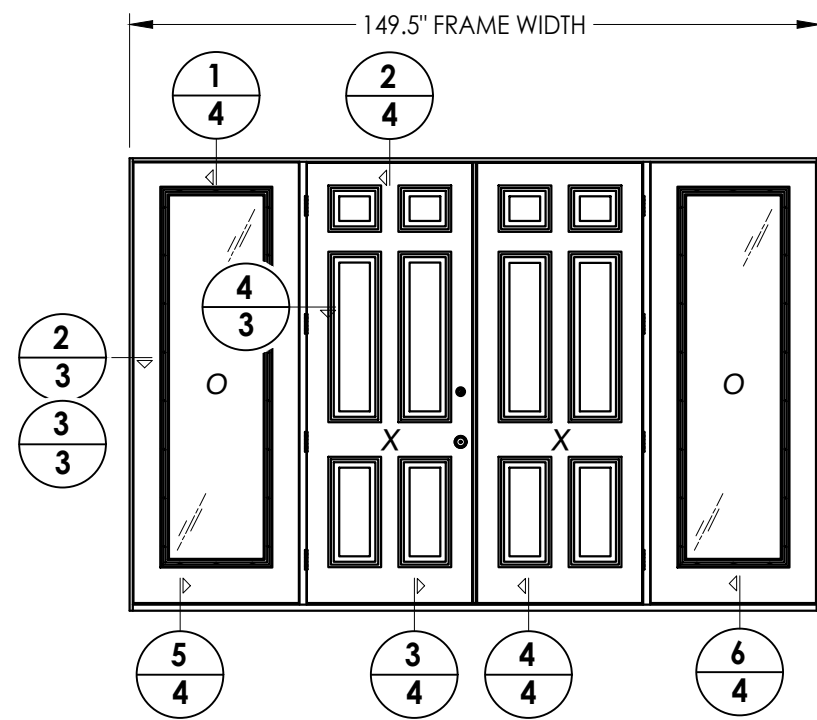
SINGLE DOOR (CENTER HINGED) w/ SIDELITE
(Shown with glazed door)



SINGLE DOOR w/ SIDELITE
(Shown with opaque door)



SINGLE DOOR w/ SIDELITES
(Shown with opaque door)



DOUBLE DOOR w/ SIDELITES
(Shown with opaque door)

NOTE:
SEE SEPARATE SIDE-HINGED DOOR & SIDELITE
FLORIDA PRODUCT APPROVAL FOR DOOR & SIDELITE
CONSTRUCTION DETAILS NOT SHOWN, INCLUDING
LOCK HARDWARE, ASTRAGAL, HINGE & THRESHOLD
CONNECTIONS.

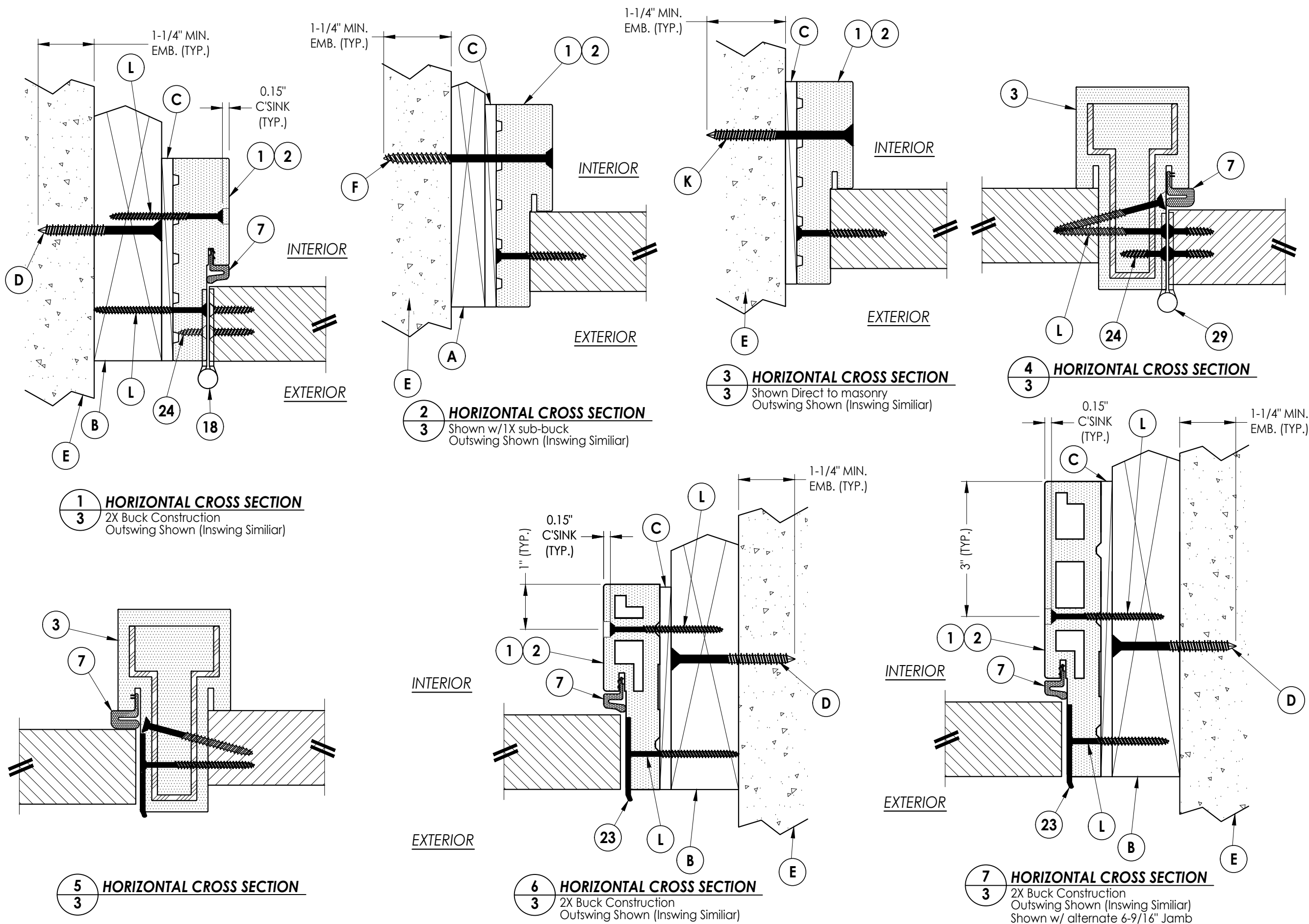
7	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
6	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	7/01/20	REV. COMP. BLDERS ED. FRAME &	LFS	
4	7/24/19	UPDATE TO 7TH ED. (2020)	FBC	LFS
NO.	DATE	ADD COMP. BUILDERS ED. FRAME		BY
REVISIONS				

DATE:	2/7/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14969.3
SHEET	2 OF 9

PRODUCT: WORLDWIDE DOOR COMPONENTS PART OR ASSEMBLY: ELEVATIONS

RW BUILDING CC
P.O. Box 23
Phone No.:
FBPE Regist

Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.3.dwg



Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
WORLDWIDE DOOR
COMPONENTS
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		BY	LFS	FBC	LFS
7	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
6	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
5	7/01/20	REV. COMP. BLDERS ED.	FRAME &	LFS	LFS
4	7/24/19	UPDATE TO 7TH ED.	(2020)	FBC	LFS
3	7/24/19	ADD COMP. BUILDERS ED.	FRAME	LFS	LFS

DATE: 2/7/17

SCALE: N.T.S.

DWG. BY: JK

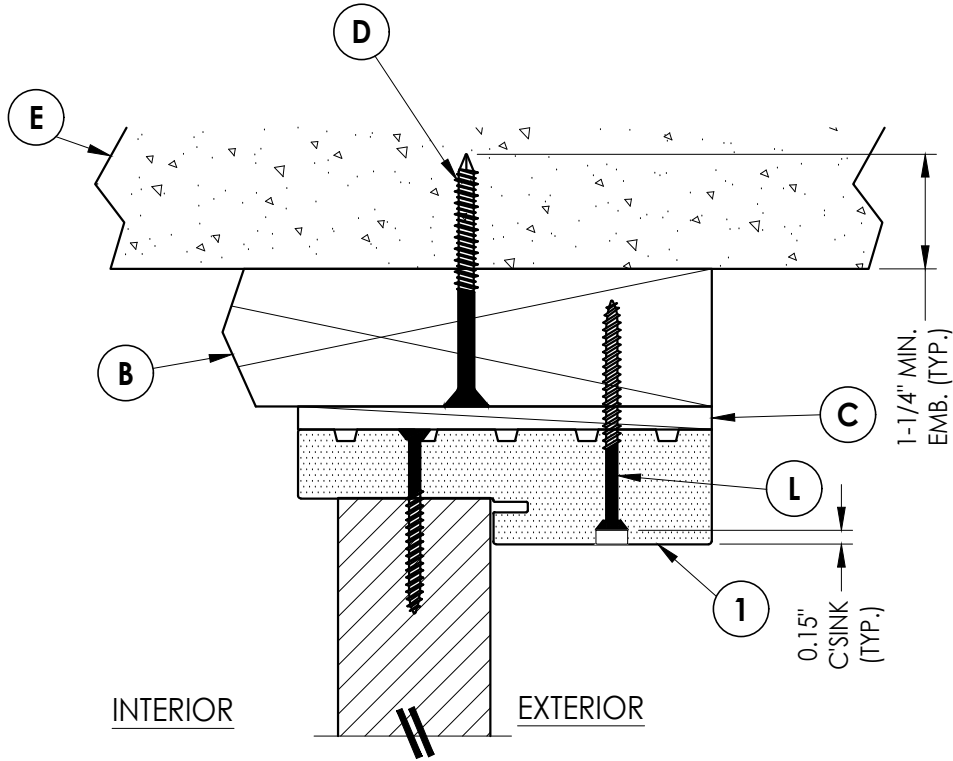
CHK. BY: LFS

DRAWING NO.:

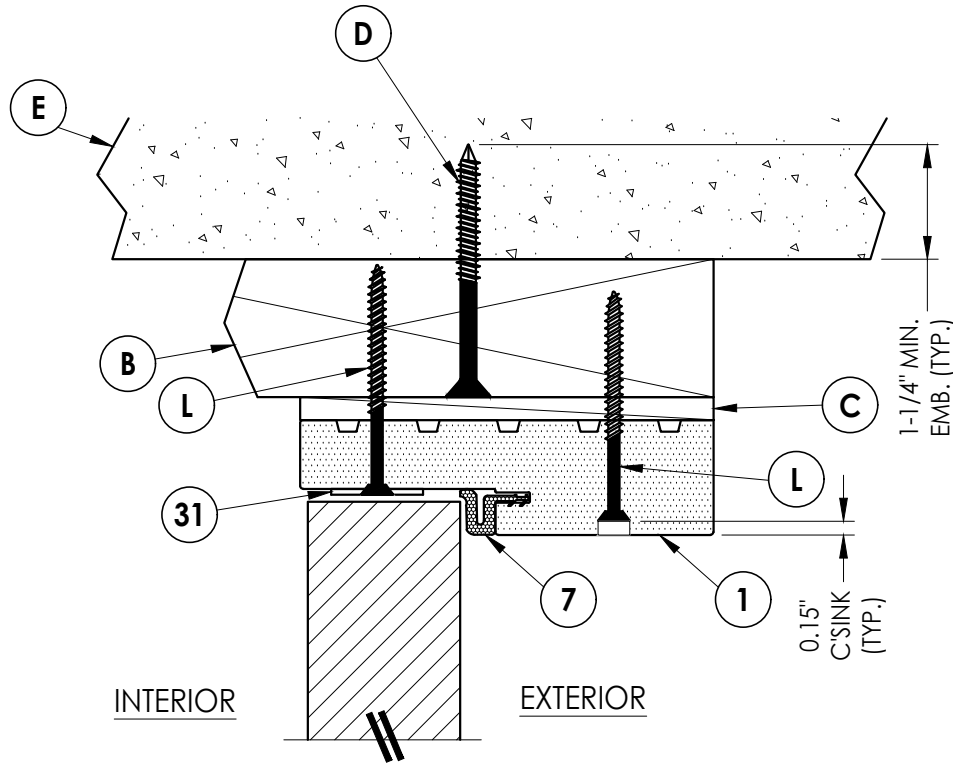
FL-14969.3

SHEET 3 OF 9

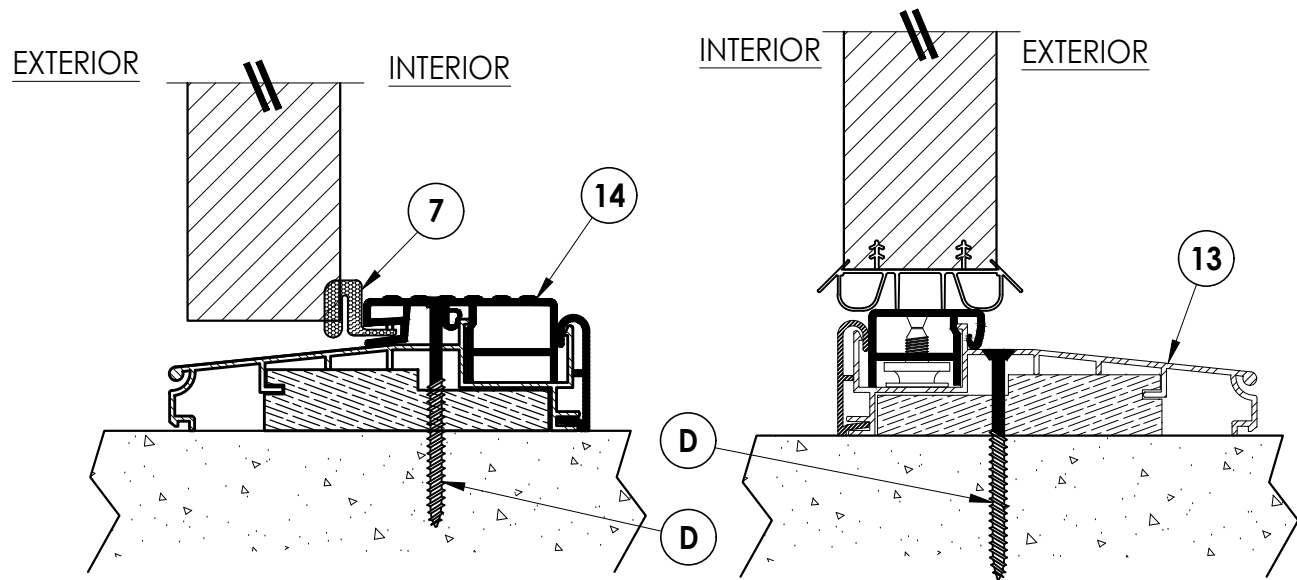
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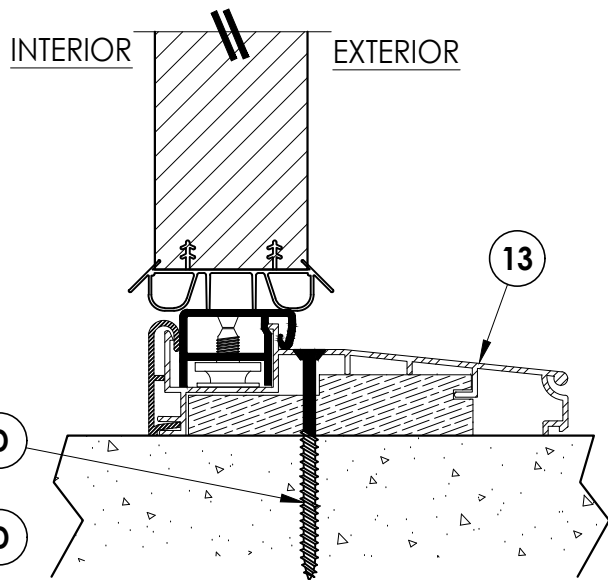
1
4 **VERTICAL CROSS SECTION**
2X Buck Construction - Sidelite
Inswing Shown (Outswing Similiar)



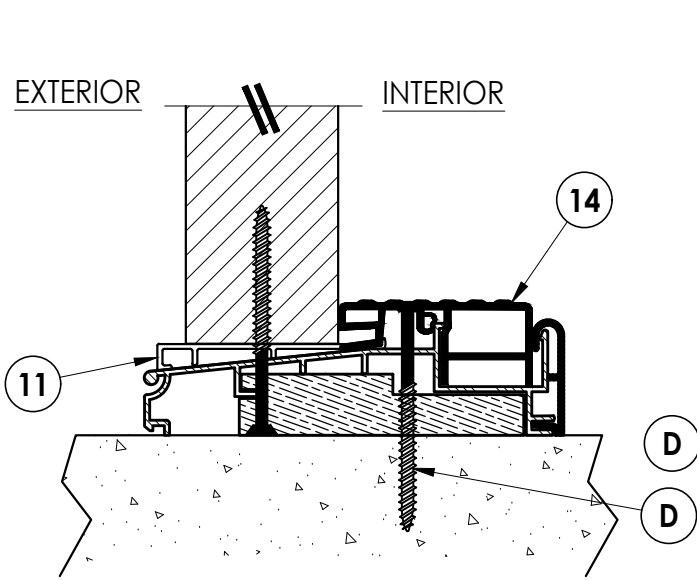
2
4 **VERTICAL CROSS SECTION**
2X Buck Construction - Door
Inswing Shown (Outswing Similiar)



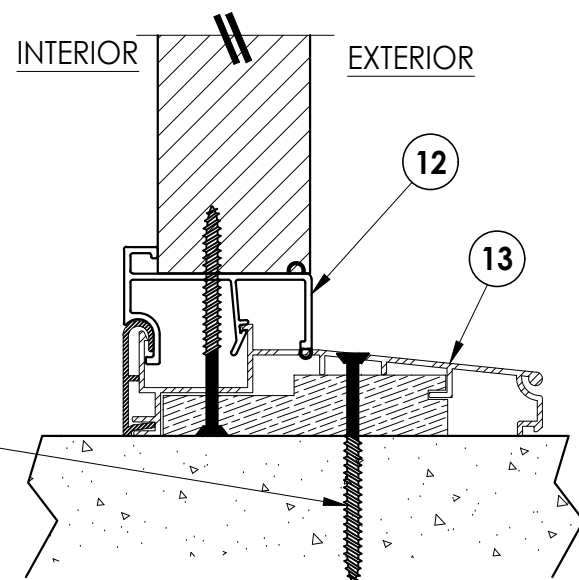
3
4 **VERTICAL CROSS SECTION**
Outswing



4
4 **VERTICAL CROSS SECTION**
Inswing



5
4 **VERTICAL CROSS SECTION**
Outswing



6
4 **VERTICAL CROSS SECTION**
Inswing

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
WORLDWIDE DOOR
COMPONENTS

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC
6	8/08/23	UPDATE TO 8TH ED. (2023) FBC
5	7/01/20	REV. COMP. BLDRS ED. FRAME & LFS
4	7/24/19	UPDATE TO 7TH ED. (2020) FBC
		ADD COMP. BUILDERS ED. FRAME
		BY

DATE: 2/7/17

SCALE: N.T.S.

DWG. BY: JK

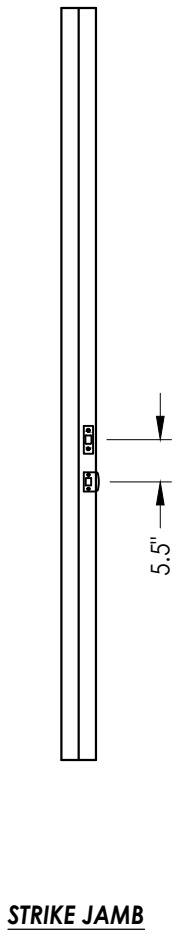
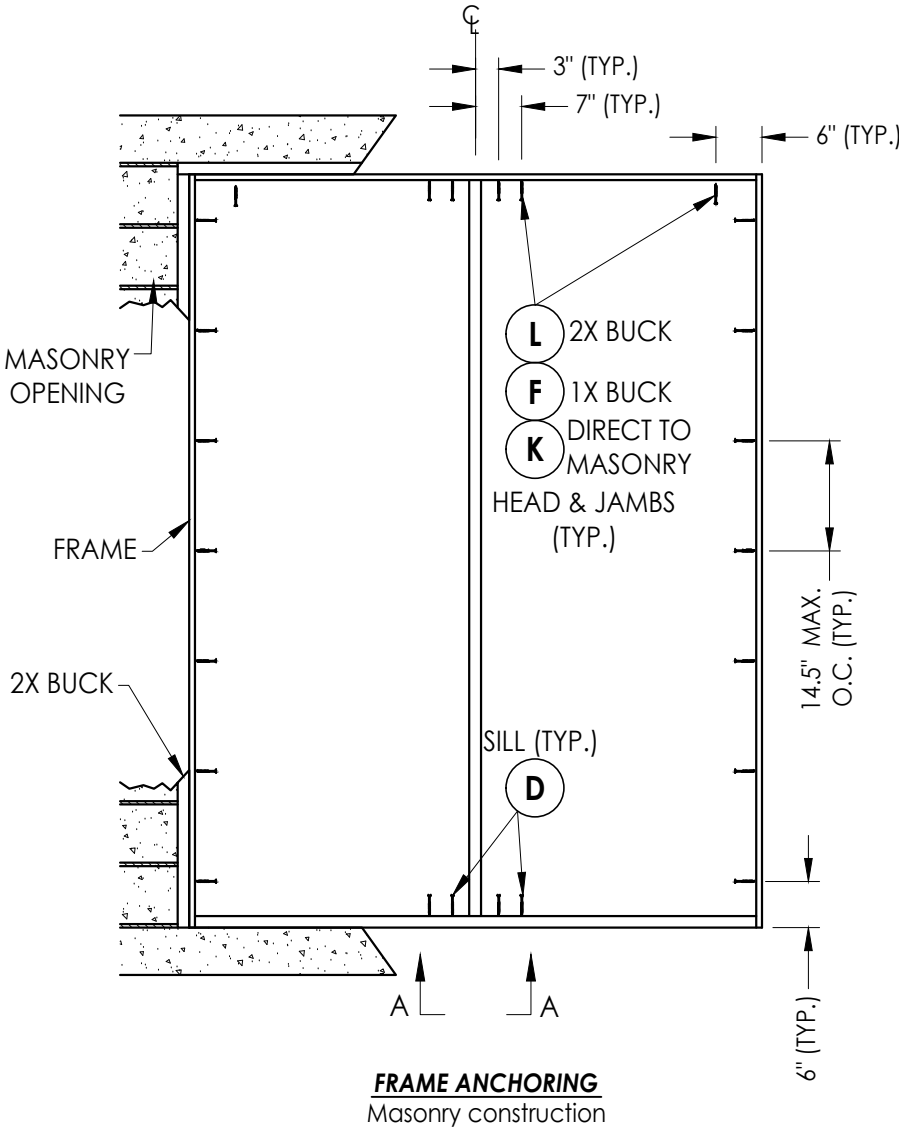
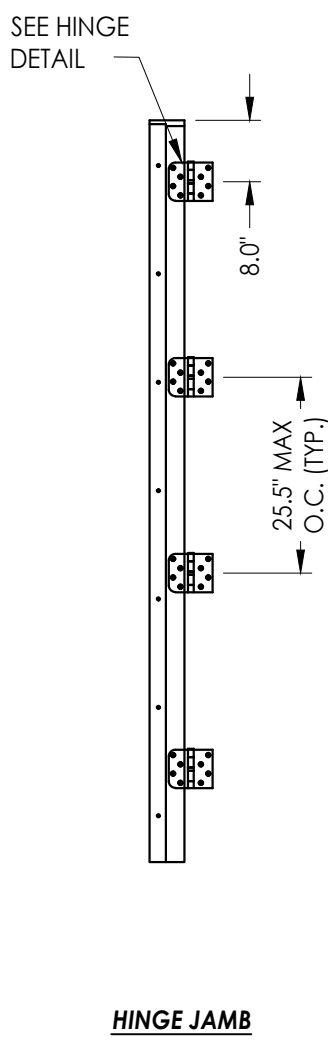
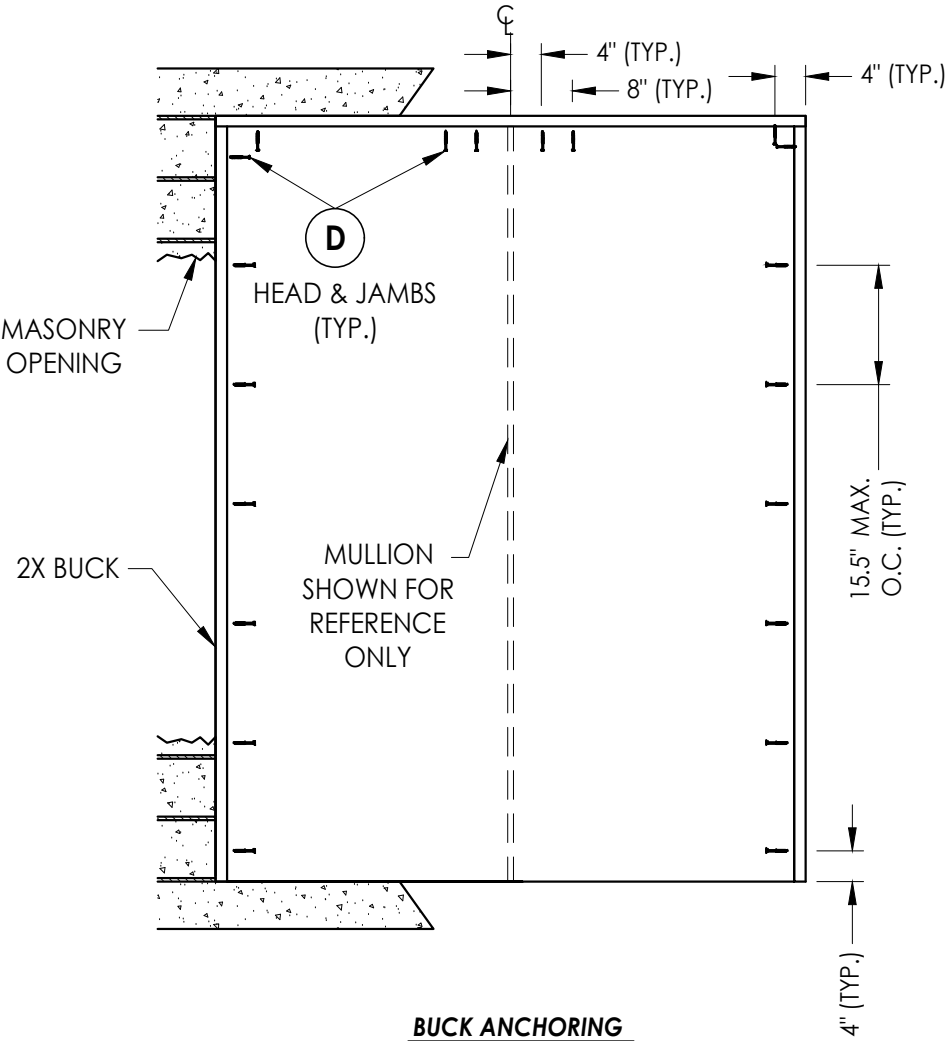
CHK. BY: LFS

DRAWING NO.:

FL-14969.3

SHEET 4 OF 9

Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.3.dwg



CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

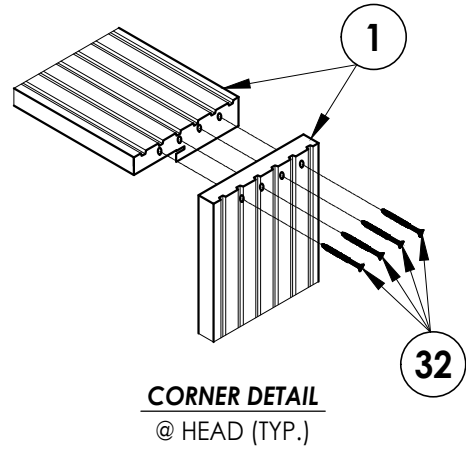
CONCRETE ANCHOR NOTES:

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

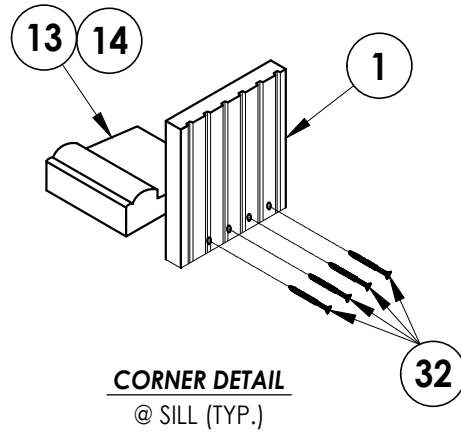
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

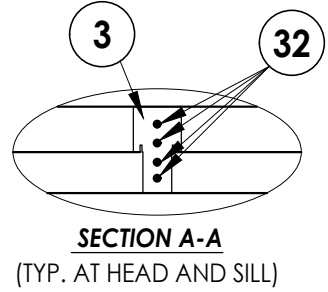
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



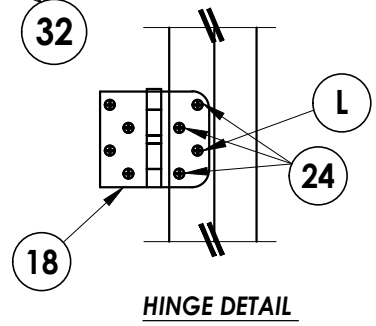
CORNER DETAIL
@ HEAD (TYP.)



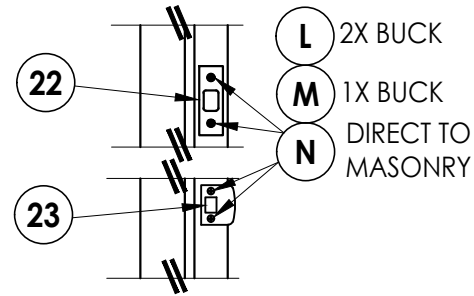
CORNER DETAIL
@ SILL (TYP.)



SECTION A-A
(TYP. AT HEAD AND SILL)



HINGE DETAIL



LATCH AND DEADBOLT DETAIL

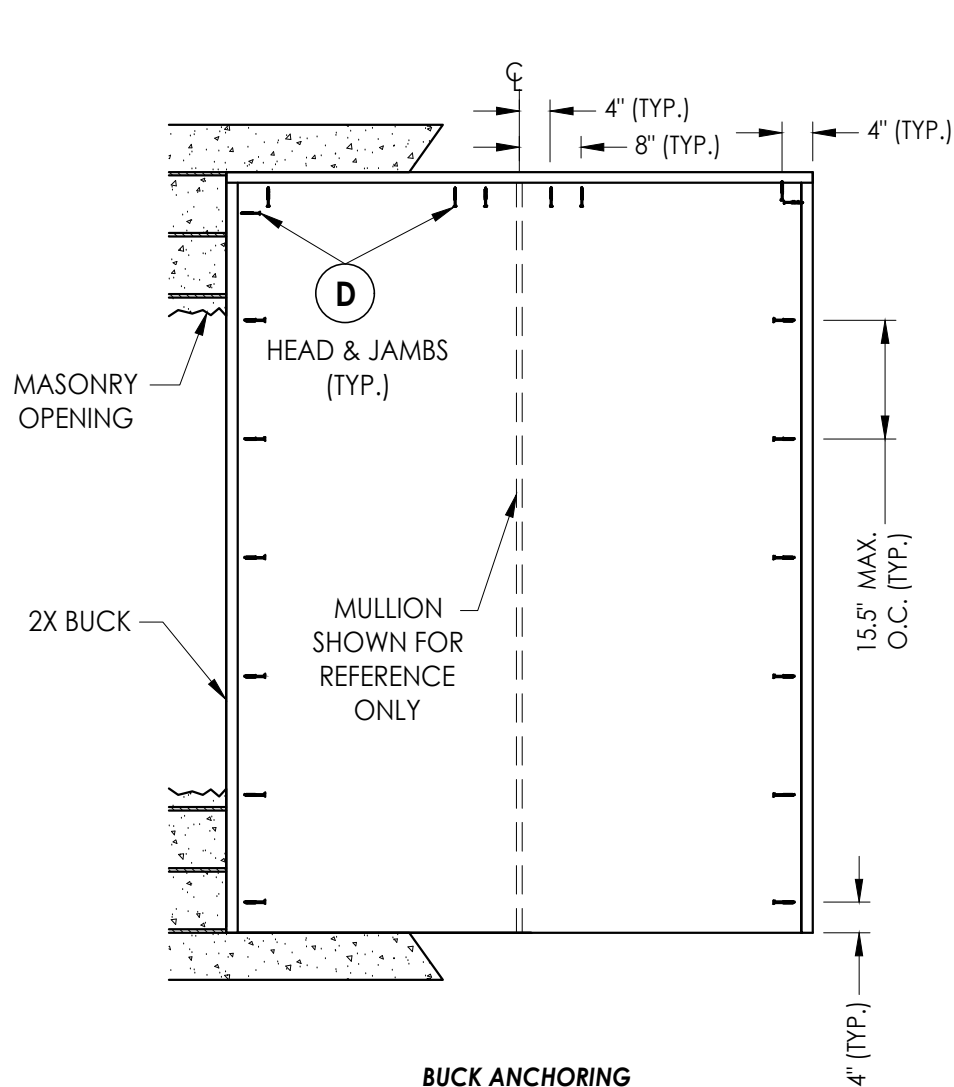
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
WORLDWIDE DOOR COMPONENTS
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING (OX/XO) CENTER HINGE

7	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS					
6	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
5	7/01/20	REV. COMP. BLDERS ED. FRAME &	LFS						
		UPDATE TO 7TH ED. (2020)	FBC						
4	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS						
NO.	DATE			BY					
REVISIONS									

DATE: 2/7/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14969.3
SHEET 5 OF 9



BUCK ANCHORING

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

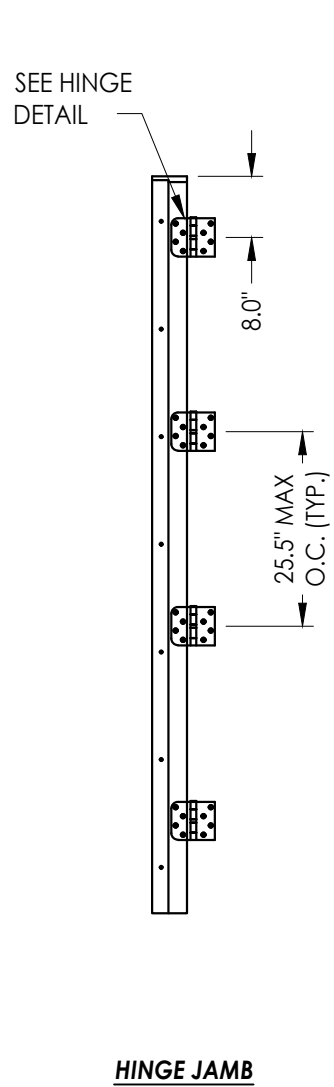
CONCRETE ANCHOR NOTES:

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

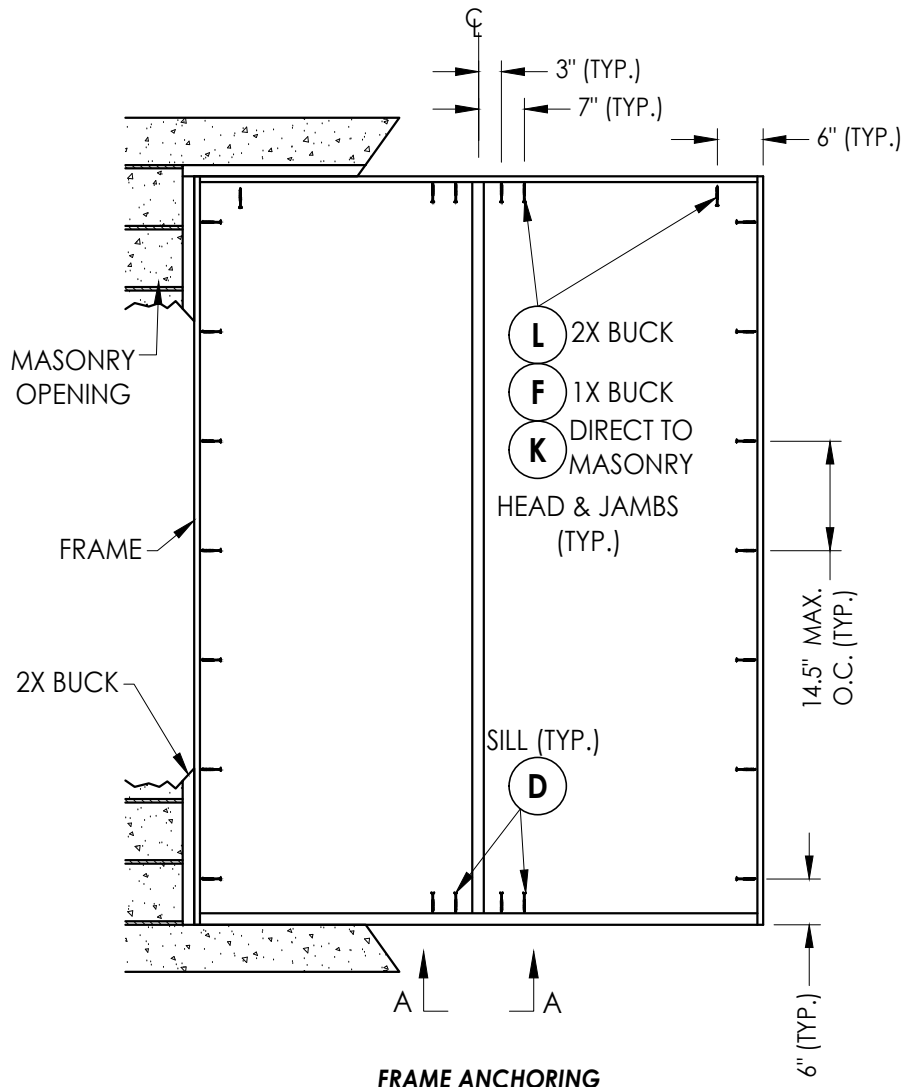
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

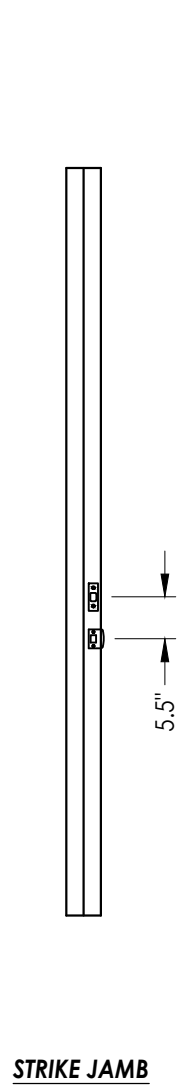
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



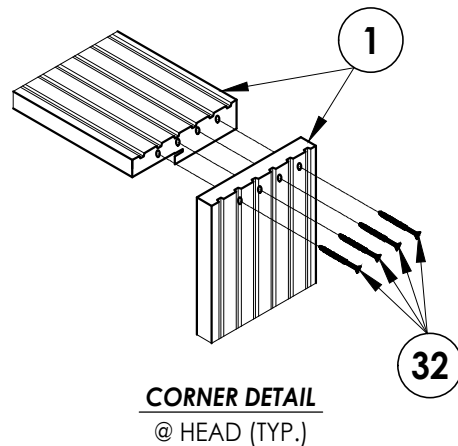
HINGE JAMB



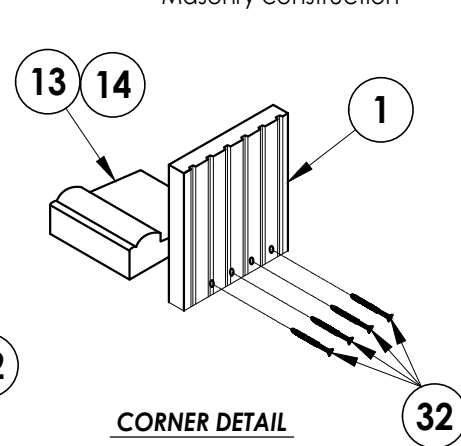
FRAME ANCHORING



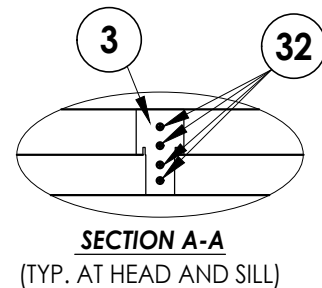
STRIKE JAMB



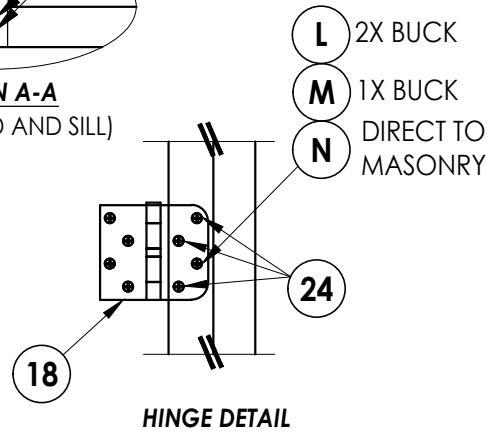
CORNER DETAIL
@ HEAD (TYP.)



CORNER DETAIL
@ SILL (TYP.)



SECTION A-A
(TYP. AT HEAD AND SILL)



HINGE DETAIL

NOTE:
SEE SEPARATE SIDE-HINGED DOOR & SIDELITE
FLORIDA PRODUCT APPROVAL FOR DOOR & SIDELITE
CONSTRUCTION DETAILS NOT SHOWN, INCLUDING
LOCK HARDWARE, ASTRAGAL, HINGE & THRESHOLD
CONNECTIONS.

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:

WORLDWIDE DOOR
COMPONENTS

COMPONENTS

PART OR ASSEMBLY:

BUCK AND FRAME ANCHORING (OX/XO)

	7	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
	6	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	5	7/01/20	REV. COMP. BLDERS ED. FRAME & LFS		
	4	7/24/19	UPDATE TO 7TH ED. (2020)	FBC	
			ADD COMP. BUILDERS ED. FRAME		LFS
	NO.	DATE			
	REVISIONS				

DATE: 2/7/17

SCALE: N.T.S.

DWG. BY: JK

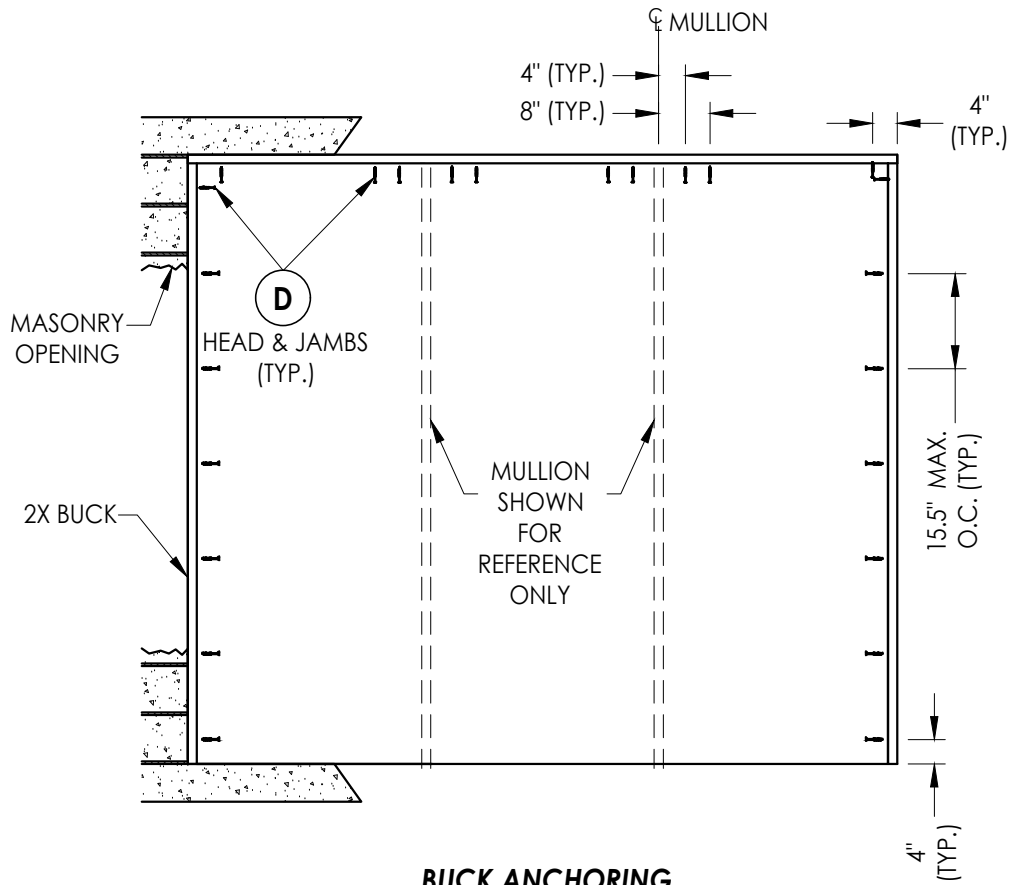
CHK. BY: LFS

DRAWING NO.:

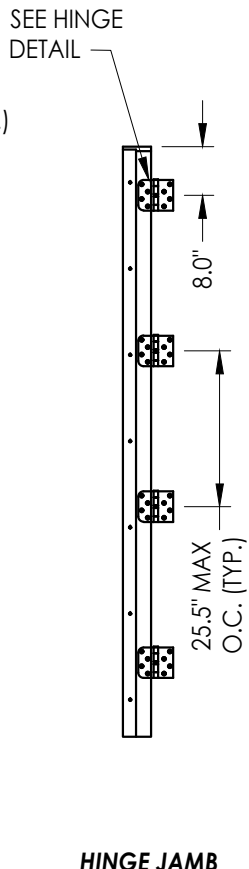
FL-14969.3

SHEET 6 OF 9

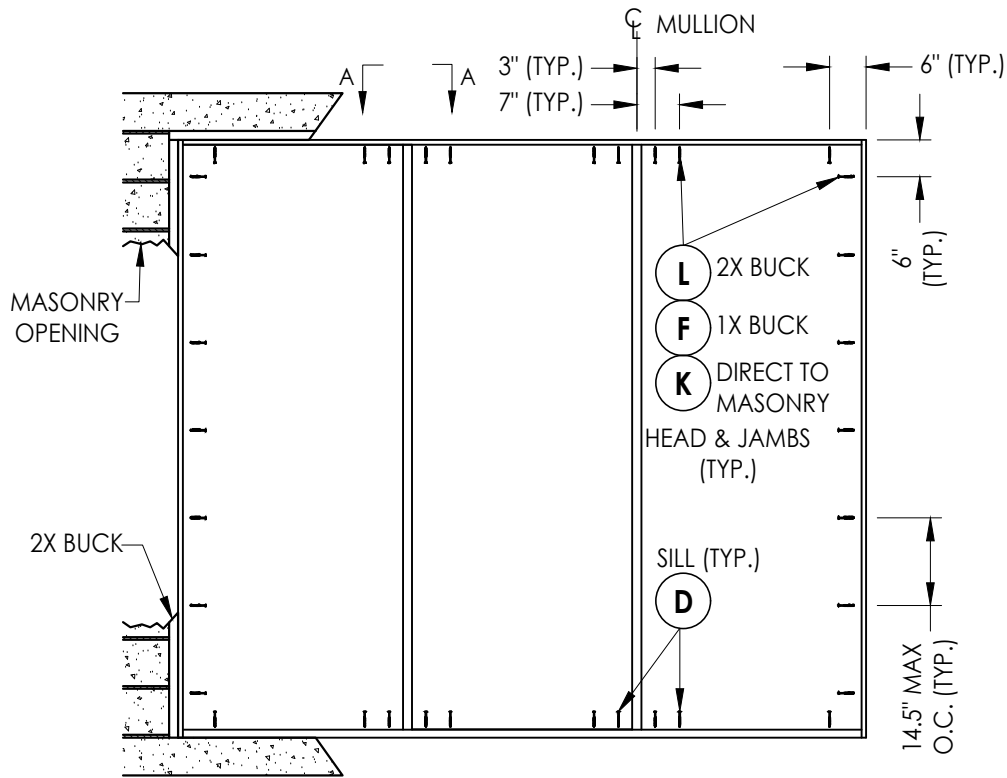
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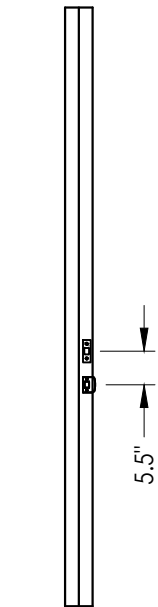
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING
Masonry construction



STRIKE JAMB

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

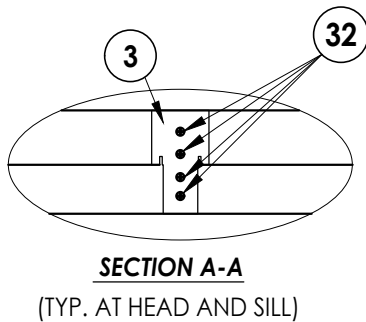
CONCRETE ANCHOR NOTES:

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

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

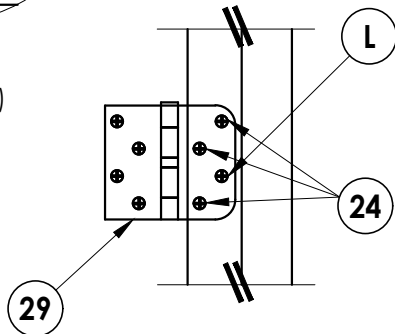
WOOD SCREW INSTALLATION NOTES:

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

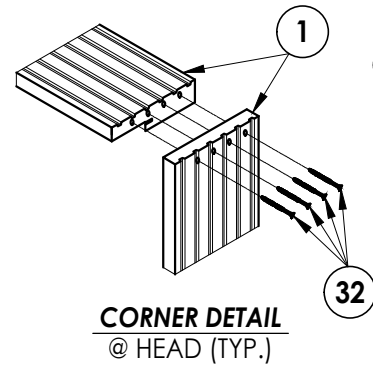


SECTION A-A

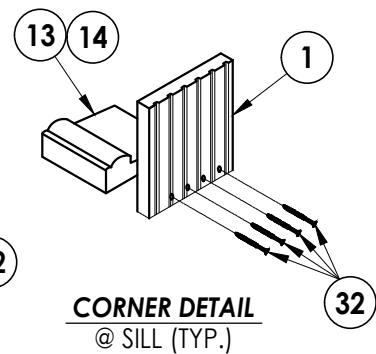
(TYP. AT HEAD AND SILL)



HINGE DETAIL



CORNER DETAIL
@ HEAD (TYP.)



CORNER DETAIL
@ SILL (TYP.)

NOTE:
SEE SEPARATE SIDE-HINGED DOOR & SIDELITE
FLORIDA PRODUCT APPROVAL FOR DOOR & SIDELITE
CONSTRUCTION DETAILS NOT SHOWN, INCLUDING
LOCK HARDWARE, ASTRAGAL, HINGE & THRESHOLD
CONNECTIONS.

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
WORLDWIDE DOOR
COMPONENTS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(OXO)

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC
6	8/08/23	UPDATE TO 8TH ED. (2023) FBC
5	7/01/20	REV. COMP. BLDRS ED. FRAME & LFS
4	7/24/19	ADD COMP. BUILDERS ED. FRAME
3		UPDATE TO 7TH ED. (2020) FBC
2		REV. COMP. BUILDERS ED. FRAME
1		UPDATE TO 6TH ED. (2016) FBC

DATE: 2/7/17

SCALE: N.T.S.

DWG. BY: JK

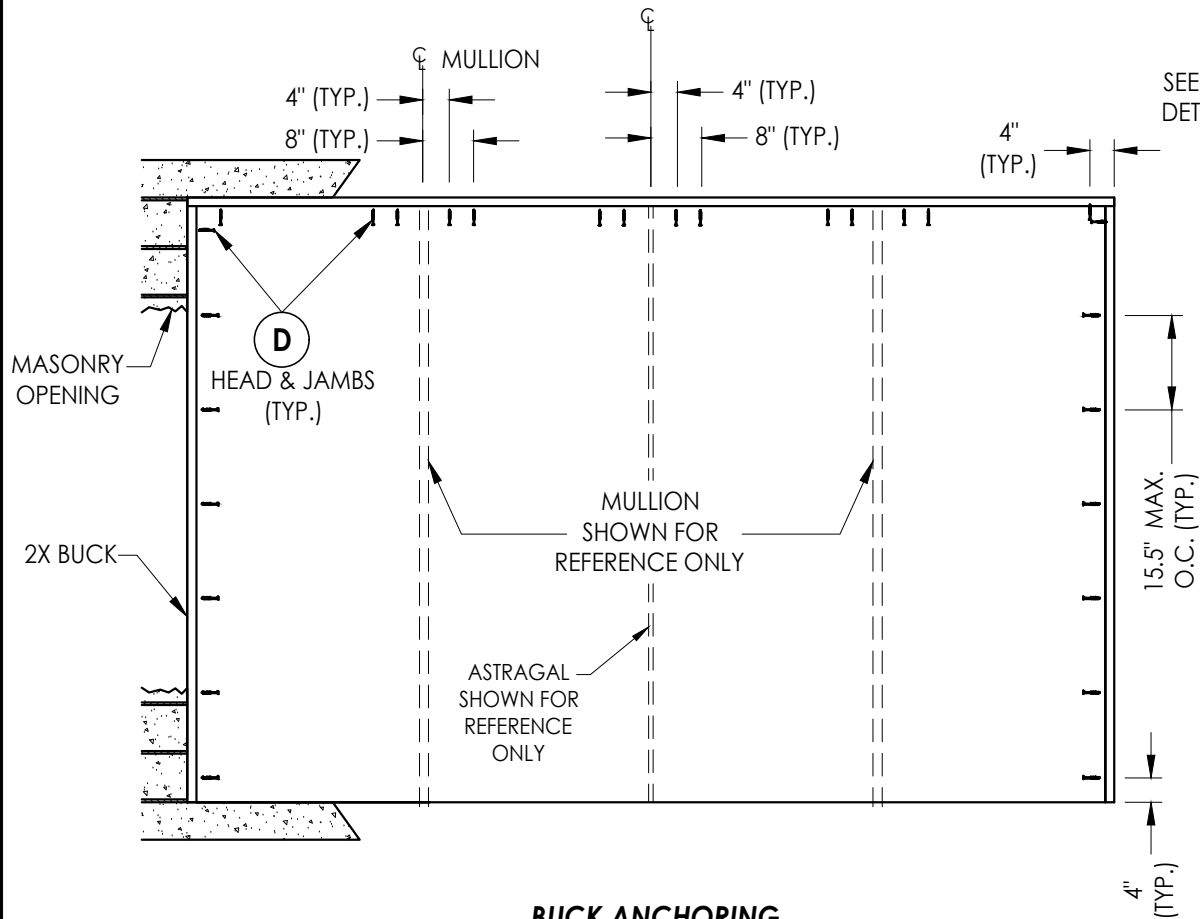
CHK. BY: LFS

DRAWING NO.:

FL-14969.3

SHEET 7 OF 9

Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.3.dwg



BUCK ANCHORING

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

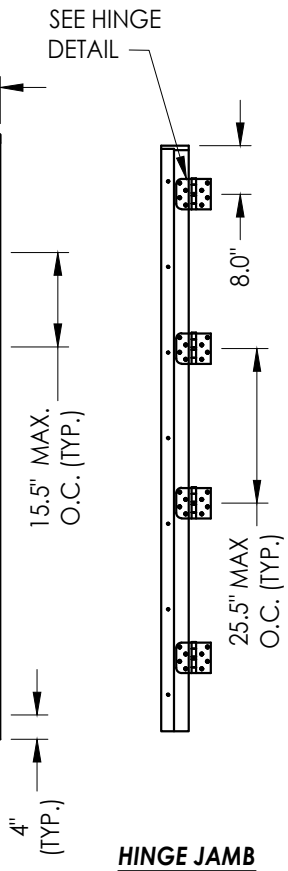
CONCRETE ANCHOR NOTES:

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

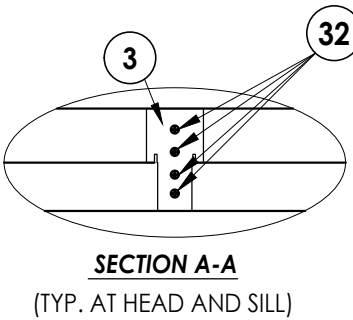
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

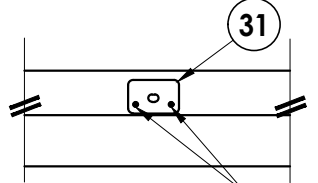
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE JAMB

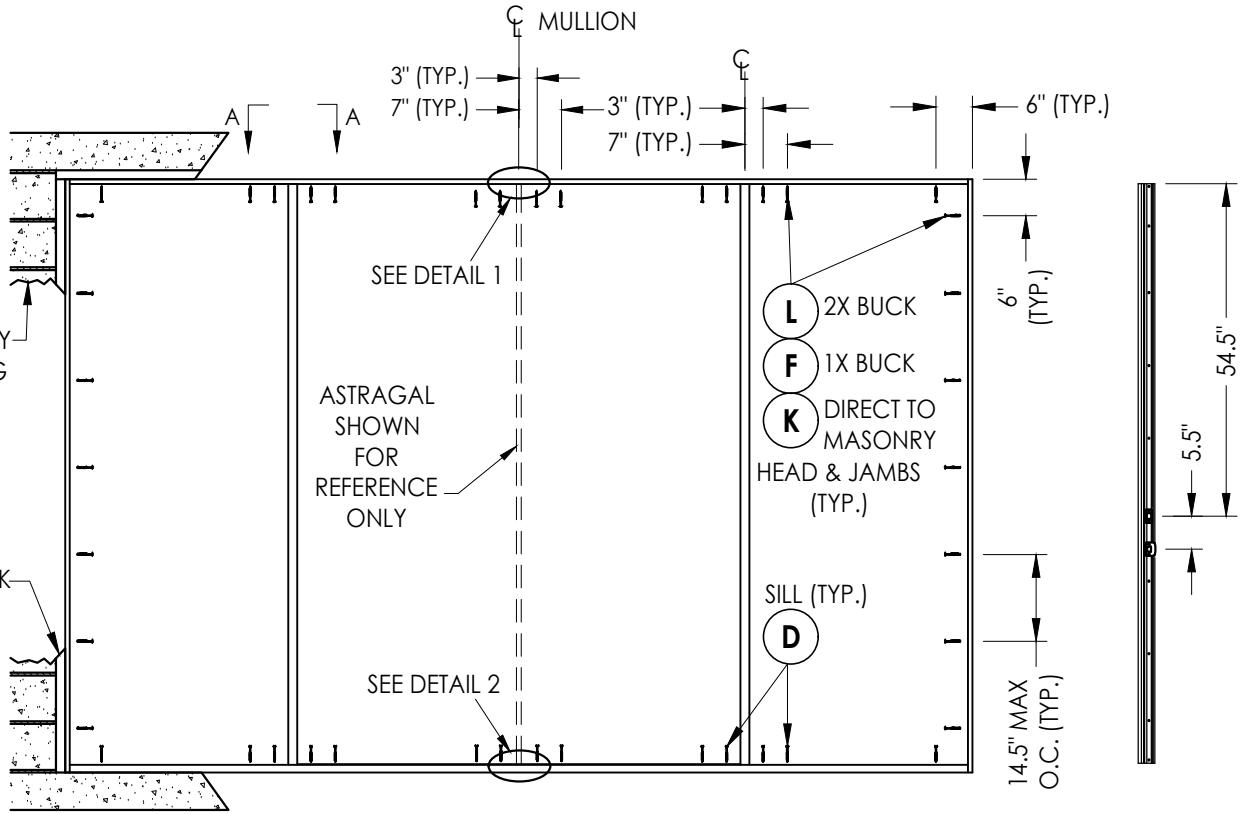


SECTION A-A
(TYP. AT HEAD AND SILL)

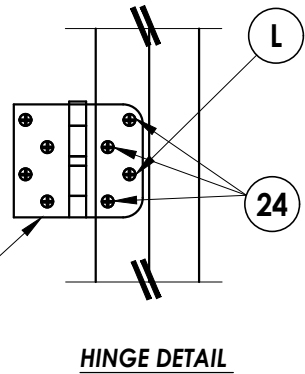


DETAIL 1

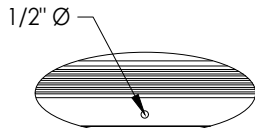
- L 2X BUCK
- M 1X BUCK
- N DIRECT TO MASONRY



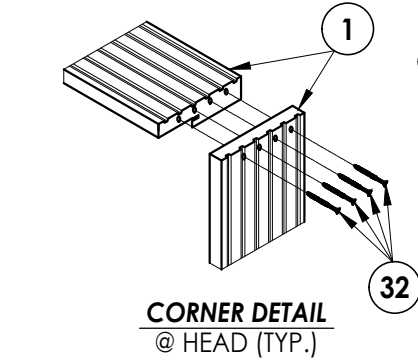
FRAME ANCHORING
Masonry construction



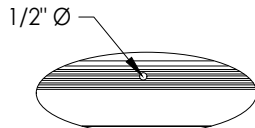
HINGE DETAIL



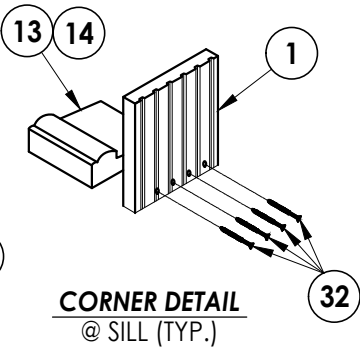
DETAIL 2
Inswing Sill



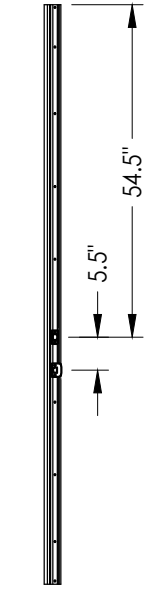
CORNER DETAIL
@ HEAD (TYP.)



DETAIL 2
Outswing Sill



CORNER DETAIL
@ SILL (TYP.)



ASTRAGAL

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
WORLDWIDE DOOR COMPONENTS

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC
6	8/08/23	UPDATE TO 8TH ED. (2023) FBC
5	7/01/20	REV. COMP. BLDERS ED. FRAME & LFS
4	7/24/19	ADD COMP. BUILDERS ED. FRAME

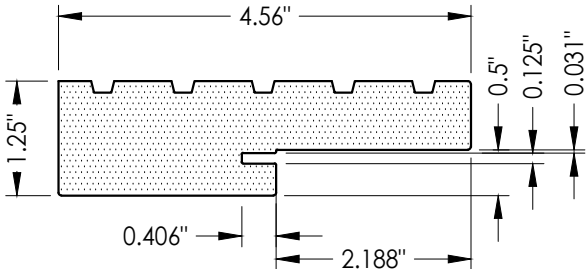
DATE: 2/7/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14969.3
SHEET 8 OF 9

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

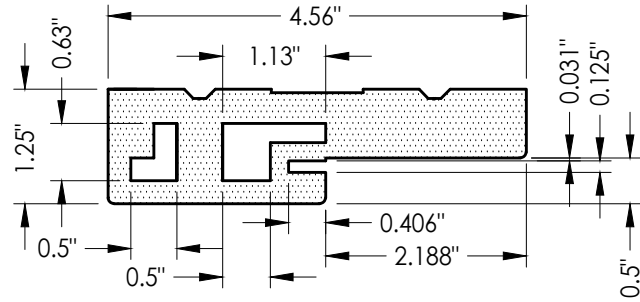
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING (OXXO)

Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.3.dwg

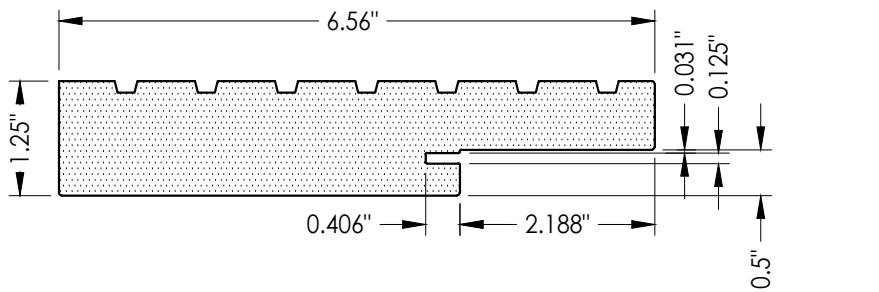
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
K	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" PFH TW CONCRETE SCREW	STEEL
1	HEAD & SIDE JAMB (4Ever Frame: 4-9/16" or 6-9/16")	COMPOSITE
2	SIDE JAMB (4Ever Frame - Composite Builders Edition: 4-9/16" or 6-9/16")	COMPOSITE
3	MULLION w/ ALUMINUM REINFORCEMENT (4Ever Frame)	ALUM/COMP
7	WEATHER STRIP (WORLDWIDE)	FOAM
11	SIDELITE ADAPTER (OUTSWING)	PVC
12	SIDELITE ADAPTER (INSWING)	PVC
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
24	#9 X 3/4" PFH SMS	STEEL
29	4.5" X 4.5" HINGE	STEEL
31	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL
32	#10 X 2-1/2" PF WASHER HEAD WOOD SCREW	STEEL



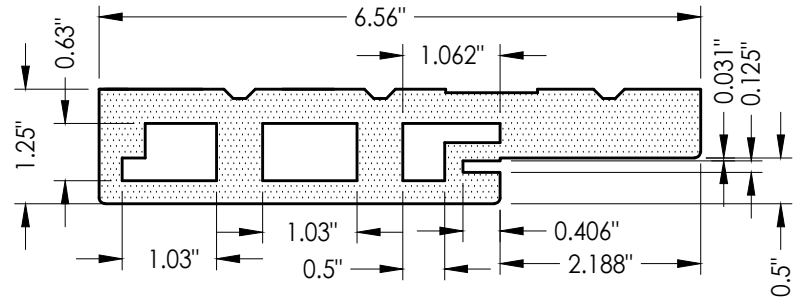
1 HEAD & SIDE JAMB
4Ever Frame (4-9/16")



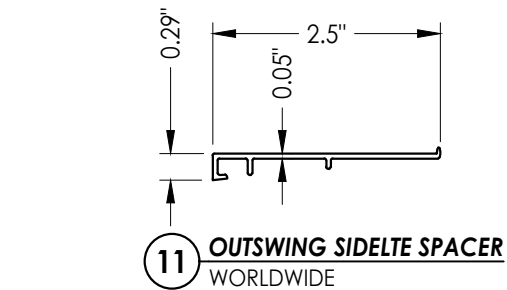
2 SIDE JAMB
4Ever Frame (4-9/16")
Composite Builders Edition



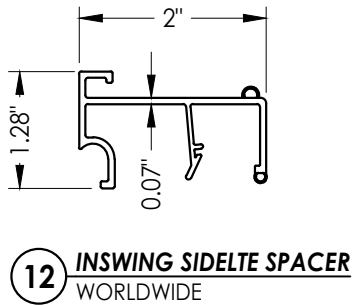
1 HEAD & SIDE JAMB
4Ever Frame (6-9/16")



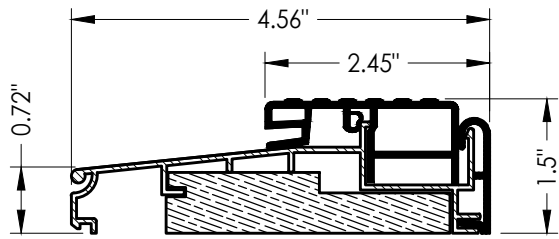
2 SIDE JAMB
4Ever Frame (6-9/16")
Composite Builders Edition



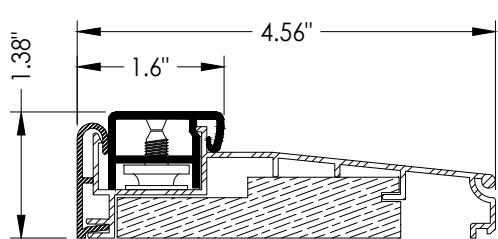
11 OUTSWING SIDELITE SPACER
WORLDWIDE



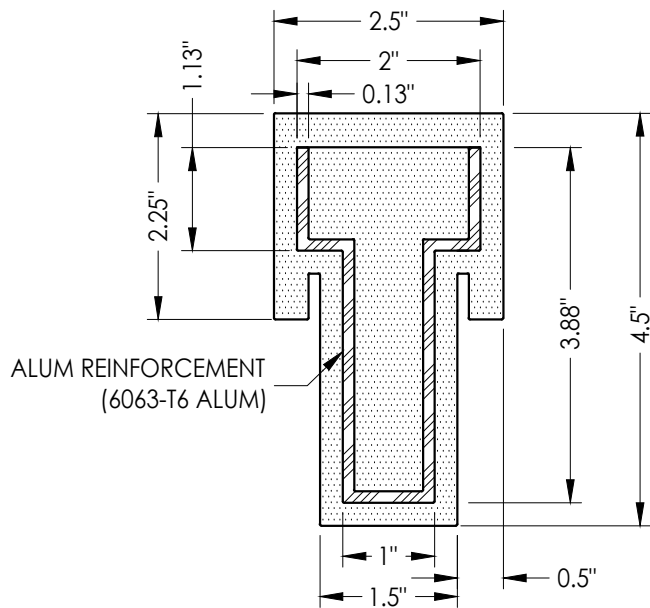
12 INSWING SIDELITE SPACER
WORLDWIDE



14 OUTSWING THRESHOLD
WORLDWIDE



13 INSWING THRESHOLD
WORLDWIDE



3 MULLION w/ ALUM REINFORCEMENT
4Ever Frame

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

PRODUCT:

WORLDWIDE DOOR
COMPONENTS

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	7/01/20	REV. COMP. BLDERS ED. FRAME & LFS
4	7/24/19	UPDATE TO 7TH ED. (2020) FBC LFS
3	7/24/19	ADD COMP. BUILDERS ED. FRAME LFS
2	7/24/19	ADD COMP. BUILDERS ED. FRAME LFS
1	7/24/19	ADD COMP. BUILDERS ED. FRAME LFS

DATE: 2/7/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14969.3

SHEET 9 OF 9