

The Door Store of America, Inc.

Complete Collection, Single and Double Doors, Inswing

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL REQUIREMENTS EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. ATLNC 0624.01-19 DATED 5/13/20 AND ASSOCIATED LABORATORY STAMPED DRAWINGS, SIGNED AND SEALED BY DAVID WESLEY JOHNSON, FL PE NO. 61915. TESTING WAS PERFORMED TO THE FOLLOWING:
1.1. ASTM E330-02, ASTM E331-00, ASTM E283-04
1.2. TAS 201-94, TAS 202-94 AND 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 STRUCTURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
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 ARCHITECT OR ENGINEER OF RECORD.
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED WITH THIS PRODUCT.
5. DOOR FRAME AND PANEL MATERIAL: MAHOGANY, KNOTTY-ALDER, AND ACCOYA
6. GLAZING: 1" OVERALL THICKNESS: 5/32" TEMPERED, AIR SPACE (XL EDGE SPACER), 5/16" LAMINATED (1/8" ANNEALED x KURARAY AMERICA 0.090 SG INTERLAYER x 1/8" ANNEALED). GLAZED USING DOW 995 STRUCTURAL ADHESIVE GRADE SEALANT.
6.1. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-12AE1 & ANSI Z97.1-2014.
7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
8. DESIGNATIONS "X" AND "O" (WHERE APPLICABLE) STAND FOR THE FOLLOWING:
8.1. X: OPERABLE PANEL
8.2. O: FIXED PANEL
9. HARDWARE (AS-TESTED; SUBSTITUTIONS ALLOWED PER FBC REQUIREMENTS):
9.1. MULTI-POINT LOCK AND HANDLES BY ASHLAND HARDWARE; MODEL V-5100-560.
9.2. HINGES: (10) STEEL 4-1/2" X 4-1/2" BALL BEARING HINGES BY PHILADELPHIA HARDWARE.
9.3. THRESHOLD: HYDROSILL 2200 SERIES FOR INSWING BY SHLEGEL
10. INTERIOR AND EXTERIOR FINISHING AND PERIMETER SEALING ARE FOR ILLUSTRATIVE PURPOSES ONLY. THESE DRAWINGS CERTIFY THE DOOR INSTALLATION ONLY. WATER SEALING OF THE INSTALLED DOOR IS NOT PART OF THIS INSTALLATION CERTIFICATION. WATER SEALING SHALL BE THE RESPONSIBILITY OF THE INSTALLER.
10.1. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH THE FBC RESIDENTIAL AND BUILDING AND WITH FMA/AAMA/WDMA PROTOCOLS OR AS RECOMMENDED BY THE MANUFACTURER.

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	NOTES - GENERAL & INSTALLATION
2	ELEVATION XX
3	ELEVATION - ANCHOR LAYOUT - WOOD INSTALLATION
4	ELEVATION - ANCHOR LAYOUT - CONCRETE/MASONRY INSTALLATION
5	ELEVATIONS - HINGES & BRICK MOULD
6	WOOD INSTALLATION - DETAILS 1 THRU 6
7	WOOD INSTALLATION - DETAILS 7 THRU 11
8	CONCRETE INSTALLATION - DETAILS 1 THRU 6
9	CONCRETE/MASONRY INSTALLATION - DETAILS 7 THRU 11
10	DETAILS - MISCELLANEOUS
11	SECTIONS - VERTICAL - WOOD INSTALLATION
12	SECTIONS - HORIZONTAL - WOOD INSTALLATION
13	SECTIONS - VERTICAL - CONCRETE INSTALLATION
14	SECTIONS - HORIZONTAL - CONCRETE/MASONRY INSTALLATION
15	MULTIPOINT LOCK LAYOUT
16	PANEL CONSTRUCTION - MULTIPOINT LOCK DETAIL
17 THRU 19	APPROVED CONFIGURATIONS

INSTALLATION NOTES:

1. INSTALLATION ANCHORAGE SHALL BE LOCATED AS SHOWN IN THE FOLLOWING ELEVATION VIEWS.
1.1. 2X WOOD FRAMING OR BUCKING SUBSTRATES SHOWN ON SHEET 3
1.2. CONCRETE AND MASONRY SUBSTRATES AS SHOWN ON SHEET 4.
2. SPECIFIC INSTALLATION DETAILS ARE SHOWN ON THE FOLLOWING SHEETS.
2.1. 2X WOOD FRAMING OR BUCKING AT HEAD, SILLS OR JAMBS
2.1.1. SEE DETAILS ON SHEET 6 FOR HEAD AND SILL INSTALLATION ANCHORAGE REQUIREMENTS.
2.1.2. SEE DETAILS ON SHEET 7 FOR JAMB INSTALLATION ANCHORAGE REQUIREMENTS.
2.2. CONCRETE OR MASONRY AT HEAD, SILLS OR JAMBS (OPTIONAL 1X WOOD BUCK ALLOWED)
2.1.1. SEE DETAILS ON SHEET 8 FOR HEAD AND SILL INSTALLATION ANCHORAGE REQUIREMENTS.
2.1.2. SEE DETAILS ON SHEET 9 FOR JAMB INSTALLATION ANCHORAGE REQUIREMENTS.
3. VERTICAL AND HORIZONTAL SECTION VIEWS ARE SHOWN ON THE FOLLOWING SHEETS.
3.1. 2X WOOD FRAMING OR BUCKING AT HEAD, SILLS OR JAMBS
3.1.1. SEE DETAILS ON SHEET 11 FOR VERTICAL SECTION VIEWS OF HEAD AND SILL.
3.1.2. SEE DETAILS ON SHEET 12 FOR HORIZONTAL SECTION VIEWS OF JAMBS.
3.2. CONCRETE OR MASONRY AT HEAD, SILLS OR JAMBS (OPTIONAL 1X WOOD BUCK ALLOWED)
3.1.1. SEE DETAILS ON SHEET 13 FOR VERTICAL SECTION VIEWS OF HEAD AND SILL.
3.1.2. SEE DETAILS ON SHEET 14 FOR HORIZONTAL SECTION VIEWS OF JAMBS.
4. INSTALLATION SCREW (ANCHORAGE) SPECIFICATION
4.1. NO. 14 WOOD SCREWS.
4.1.1. WOOD SCREWS SHALL MEET ANSI B18.6.1 AND BE A MINIMUM GRADE 2 STRENGTH
4.1.2. MINIMUM EMBEDMENT IS 1-1/2". WOOD SCREW LENGTHS CAN BE VARIED IF NEEDED AS LONG AS MINIMUM EMBEDMENT IS MAINTAINED. THIS REQUIREMENT APPLICABLE TO SUBSTRATE EMBEDDED SCREWS ONLY.
4.1.3. MINIMUM EDGE DISTANCE AND SPACING BETWEEN SCREW IS 1".
4.2. 1/4" DIAMETER ELCO ULTRACON CONCRETE SCREWS
4.2.1. MINIMUM EMBEDMENT IS 1-3/4" IN CONCRETE AND 1-1/4" IN MASONRY (CMU).
4.2.2. MINIMUM EDGE DISTANCE IS 2-1/2".
4.2.3. MINIMUM SPACING BETWEEN SCREWS IS 4".
4.2.3.1. EXCEPTION: HINGE ANCHORAGE AS SHOWN ON SHEET 9, DETAIL10 HAS BEEN ACCOUNTED FOR. THE 3.39" SPACING BETWEEN ANCHORS IS ACCEPTABLE.
5. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AT THE MAXIMUM UNIT SIZE SHOWN. SMALLER UNIT SIZES CAN HAVE LESS ANCHORS AS LONG AS THE EDGE DISTANCE AND ON CENTER (O.C.) SPACING ARE THE SAME AS OR LESS THAN THAT SHOWN. INSTALLATION ANCHORS AT THE STRIKE PLATES AND HINGES SHALL REMAIN THE SAME.
6. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. SHIMS MAY NOT BE SHOWN IN THE SECTION VIEWS OF THIS DRAWING FOR CLARITY
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
8. SINGLE DOOR IS APPROVED AND SHALL BE INSTALLED IN A MANNER IN COMPLIANCE WITH THE REQUIREMENTS OF THIS PRODUCT APPROVAL DOCUMENT.

PERFORMANCE RATING			
MAXIMUM UNIT DIMENSIONS	DESIGN PRESSURE RATING (PSF)	WATER PENETRATION RATING	IMPACT RATING
76" X 123-1/16" XX INSWING	±70.0	SEE NOTE 1 & 2	HVHZ LARGE MISSILE IMPACT
	+19.5 / -70	SEE NOTE 1 & 3	
NOTE 1: PRODUCT TESTED FOR LIMITED WATER PENETRATION RESISTANCE AT 19.5 PSF POSITIVE DESIGN PRESSURE. NOTE 2: THE PRODUCT MUST BE USED WHERE WATER PENETRATION IS NOT REQUIRED OR WHERE AN OVERHANG MEETING THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING AND RESIDENTIAL CODES HAS BEEN EMPLOYED. NOTE 3: WHERE DP REQUIREMENTS DO NOT EXCEED +19.5/-70 PSF, THE PRODUCT CAN BE USED WITHOUT OVERHANG.			

PROJECT #423-0308

The Door Store of America, Inc.

10681 World Trade Blvd

Raleigh, NC 27617

TITLE:

Complete Collection, Single and Double Doors, Inswing

PREPARED BY:

NOTES - GENERAL & INSTALLATION

DRAWN BY:

RJA

DATE:

10/10/2020

SCALE:

N.T.S.

DRAWING NO:

DSA0006

REV:

A

SHEET:

1 OF 19

PTC PRODUCT DESIGN GROUP, LLC

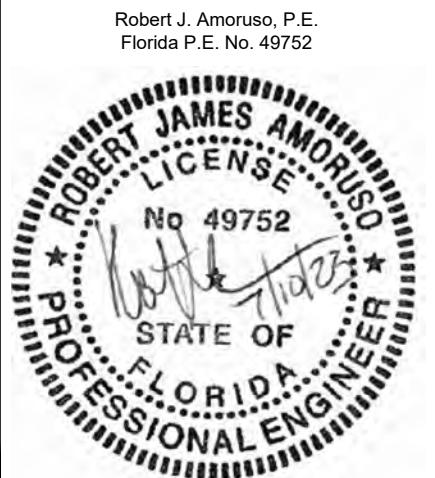
LONGWOOD, FLORIDA 32752

FBPE C.A. NO. 25935

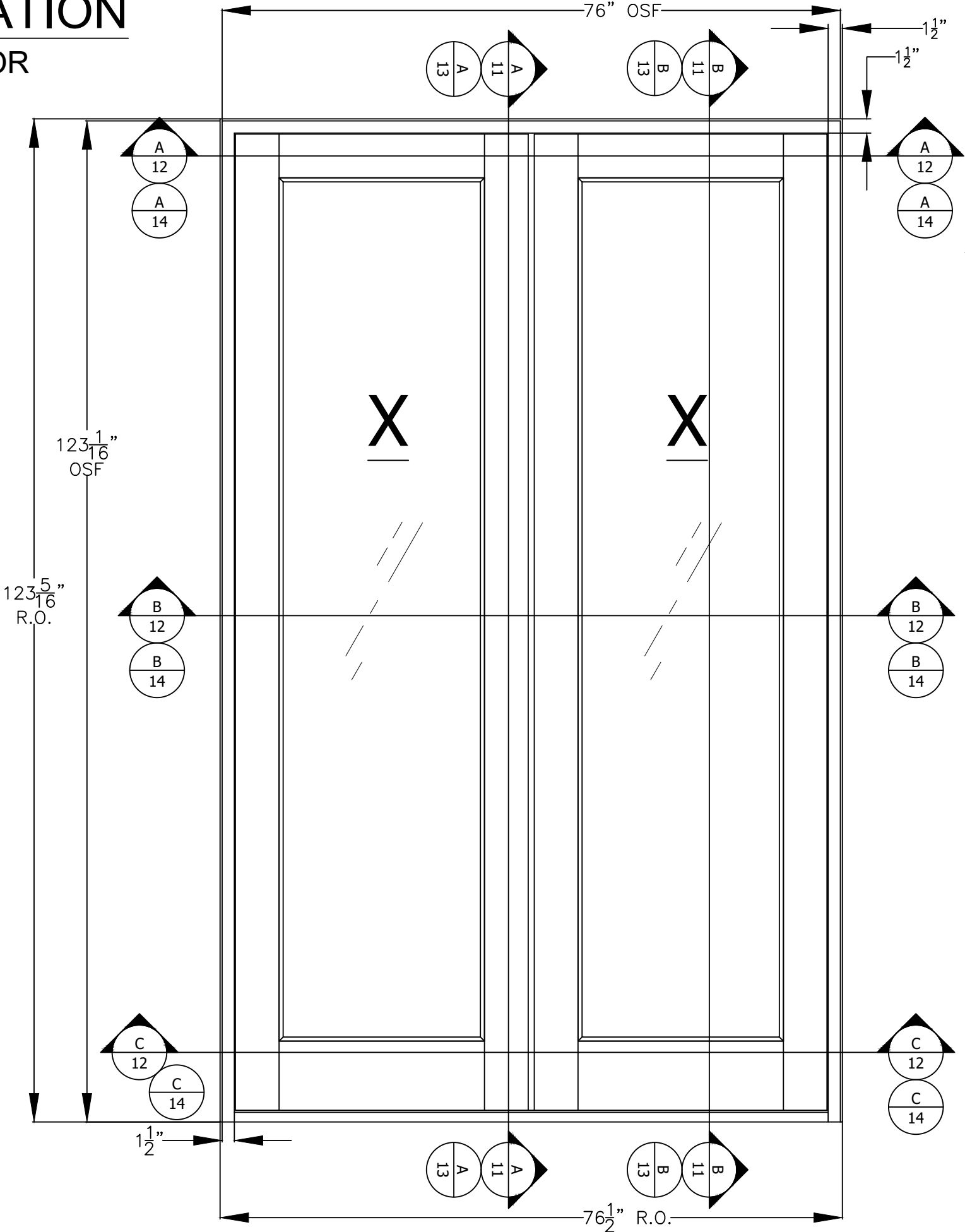
Phone: 321.690.1788

Fax: 321.690.1789

Email: info@ptc-corp.com



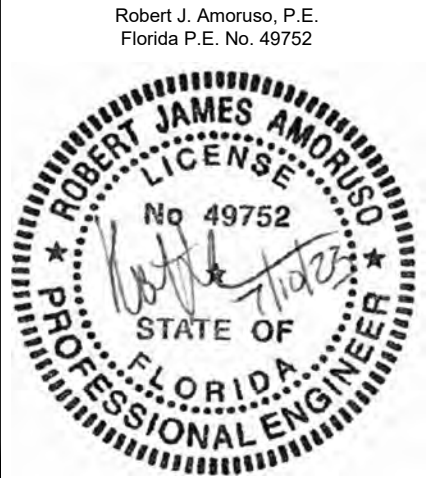
XX ELEVATION
EXTERIOR



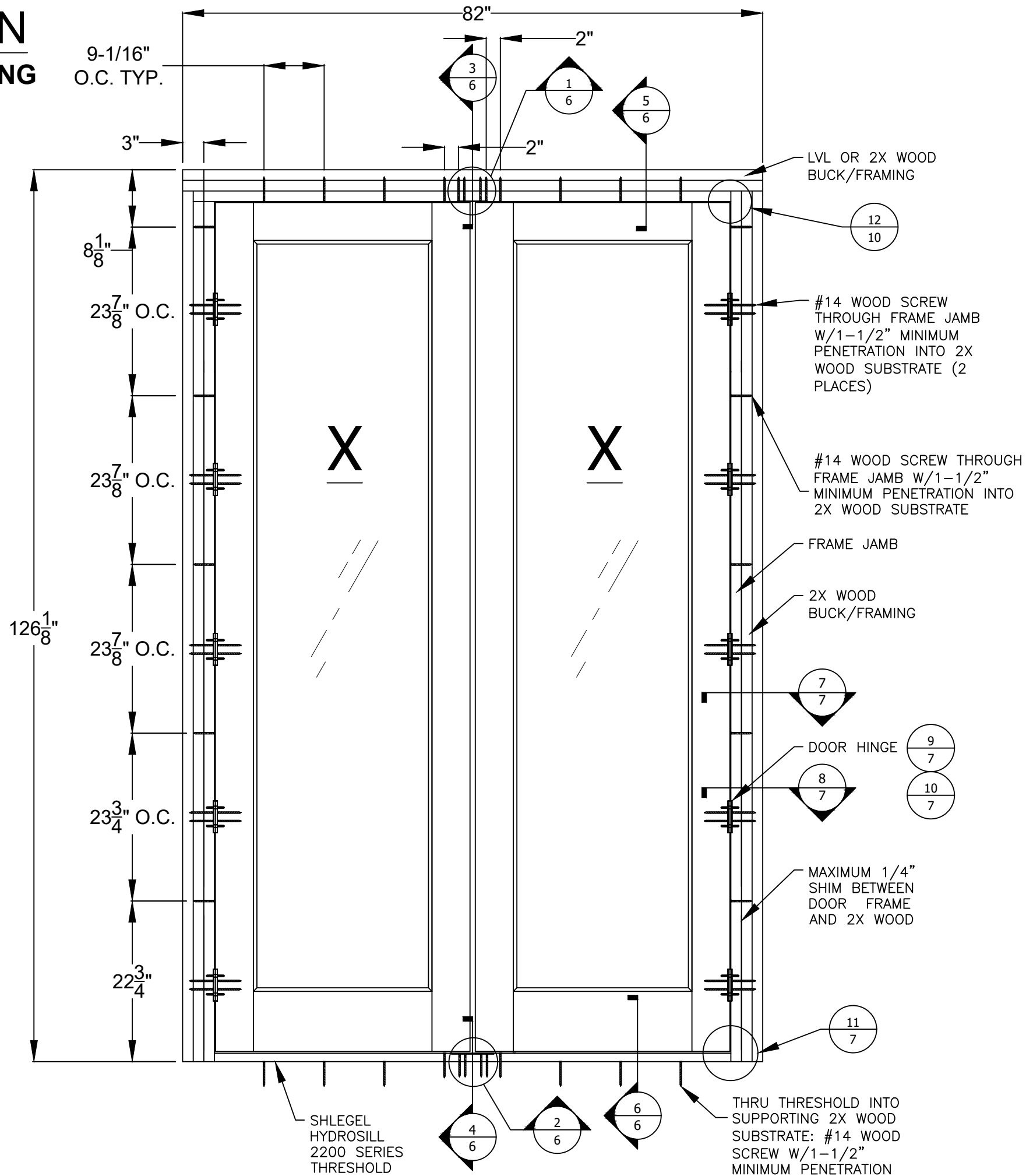
PRODUCT LIMITATIONS:

1. MAXIMUM OVERALL (O.A.) FRAME SIZE
1.1. 76" X 123-1/16"
2. MAXIMUM PANEL SIZE
2.1. 36" X 120"
3. MINIMUM PANEL THICKNESS
3.1. 2-1/4" (NOMINAL)
4. MAXIMUM DAYLIGHT OPENING (D.L.O.) TDL
4.1. MAXIMUM FULL VIEW LITE D.L.O. 24-1/4" X 105-5/8"

PROJECT #423-0308					
The Door Store of America, Inc. 10681 World Trade Blvd Raleigh, NC 27617	Complete Collection, Single and Double Doors, Inswing ELEVATION XX	DRAWN BY: RJA	DATE: 10/10/2020	DRAWING NO: DSA0006	SHEET: 2 OF 19
PTC PRODUCT DESIGN GROUP, LLC 10000 W. 13th St. Longwood, FL 32752 FBPE C.A. NO. 25935	PREPARED BY:	SCALE: N.T.S.	REV: A	DESCRIPTION	REV
PROJECT #423-0308	7/10/23	RJA	DATE	BY	



XX ELEVATION
2X WOOD BUCK/FRAMING
INSTALLATION



PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
ELEVATION - ANCHOR LAYOUT - WOOD

PREPARED BY: DATE: 10/10/2020

DRAWN BY: RJA SCALE: N.T.S. DRAWING NO: DSA0006

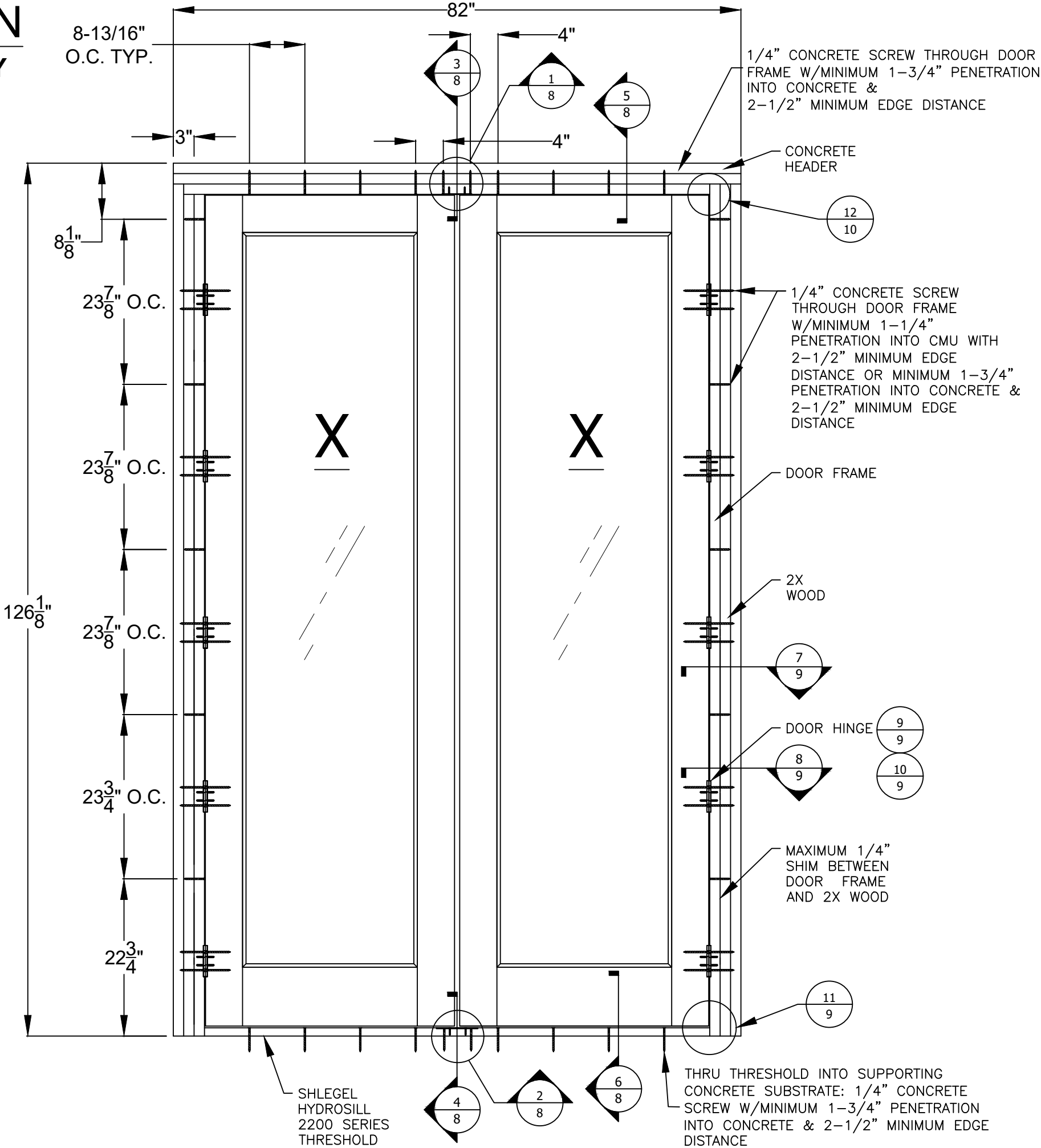
REV: A SHEET: 3 OF 19

PTC PRODUCT DESIGN GROUP, LLC
10000 WOODBRIDGE BLVD
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



XX ELEVATION
CONCRETE/MASONRY
INSTALLATION



PROJECT #423-0308			RJA	BY
			7/10/23	DATE
			UPDATED TO 8th EDITION (2023) FBC	DESCRIPTION
		A	REV	

The Door Store of America, Inc. 10681 World Trade Blvd Raleigh, NC 27617	Complete Collection, Single and Double Doors, Inswing ELEVATION - ANCHOR LAYOUT - CONCRETE/MASONRY			
	DRAWN BY:	RJA	DATE:	10/10/2020
	SCALE:	N.T.S.	DRAWING NO.:	DSA0006
	REV:	A	SHEET:	4 OF 19

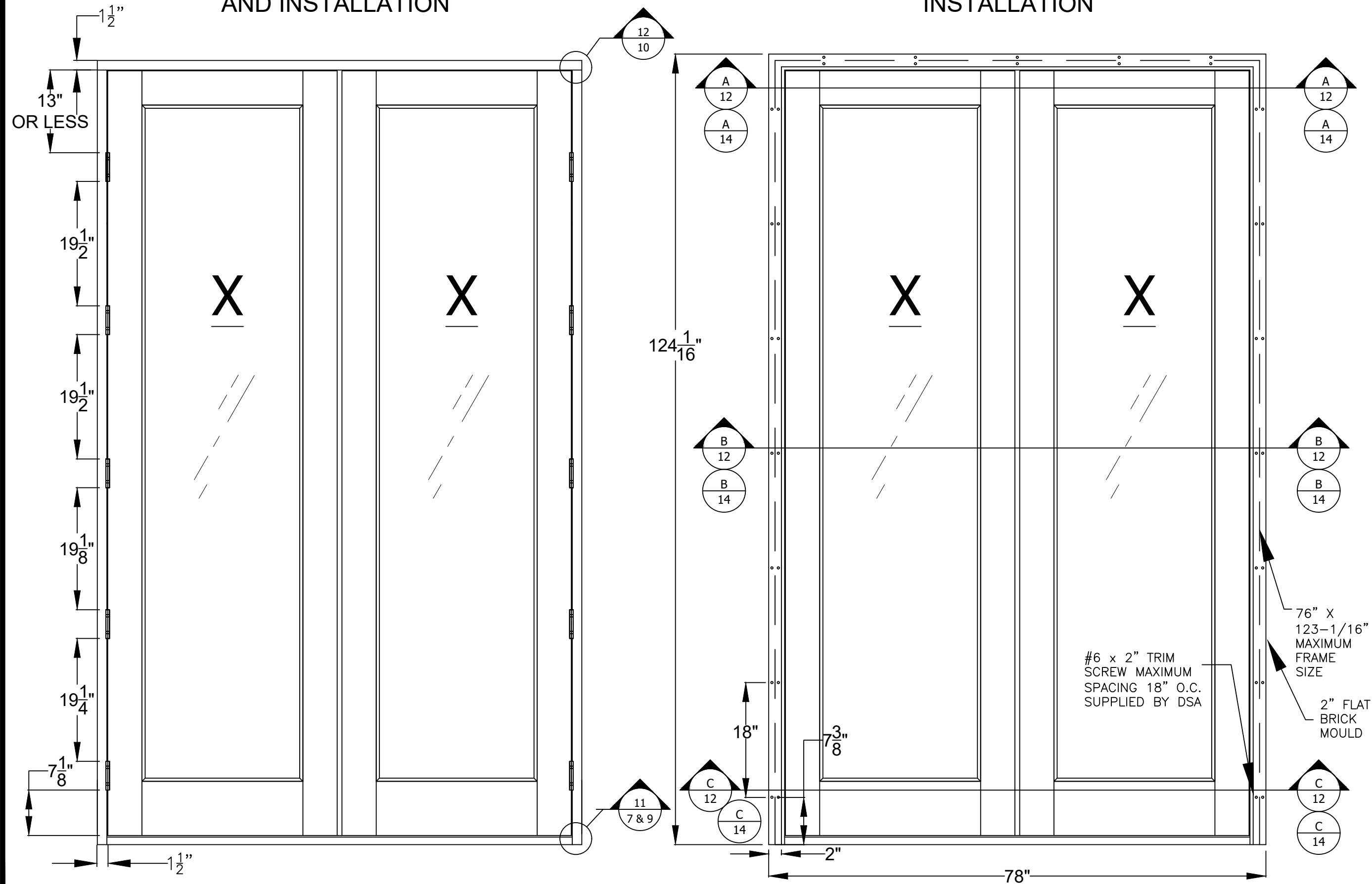
PTC PRODUCT DESIGN GROUP, LLC
10000 WOODBRIDGE BLVD
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



ELEVATION
XX HINGE LOCATION
AND INSTALLATION

ELEVATION
XX BRICK MOULD
INSTALLATION



PROJECT #423-0308				RJA	BY
				7/10/23	DATE
			UPDATED TO 8th EDITION (2023) FBC	A	REV

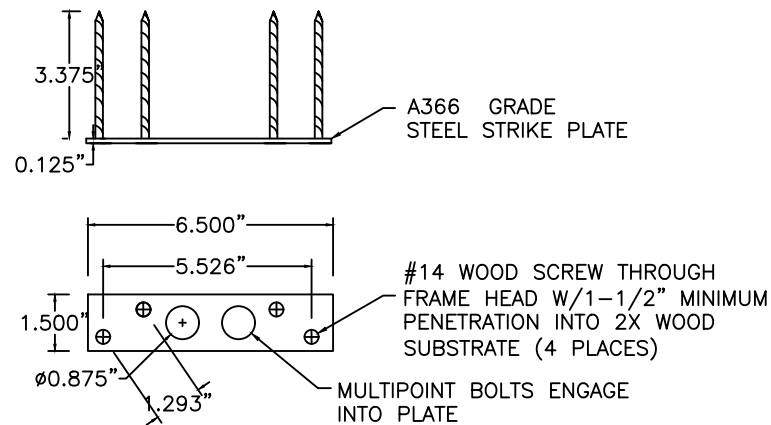
The Door Store of America, Inc. 10681 World Trade Blvd Raleigh, NC 27617	Complete Collection, Single and Double Doors, Inswing ELEVATIONS - HINGES & BRICK MOULD		DATE: 10/10/2020	DRAWING NO: DSA0006	SHEET: 5 OF 19
	DRAWN BY: RJA	SCALE: N.T.S.	REV: A		
	PTC PRODUCT DESIGN GROUP, LLC 10000 WOODBRIDGE BLVD LONGWOOD, FL 32750 FBPE C.A. NO. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com				

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

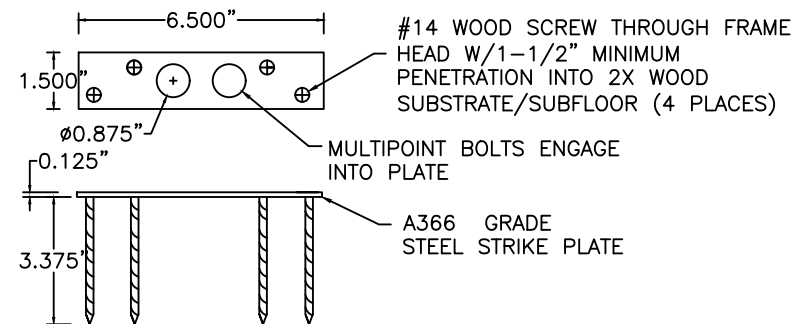


DETAILS

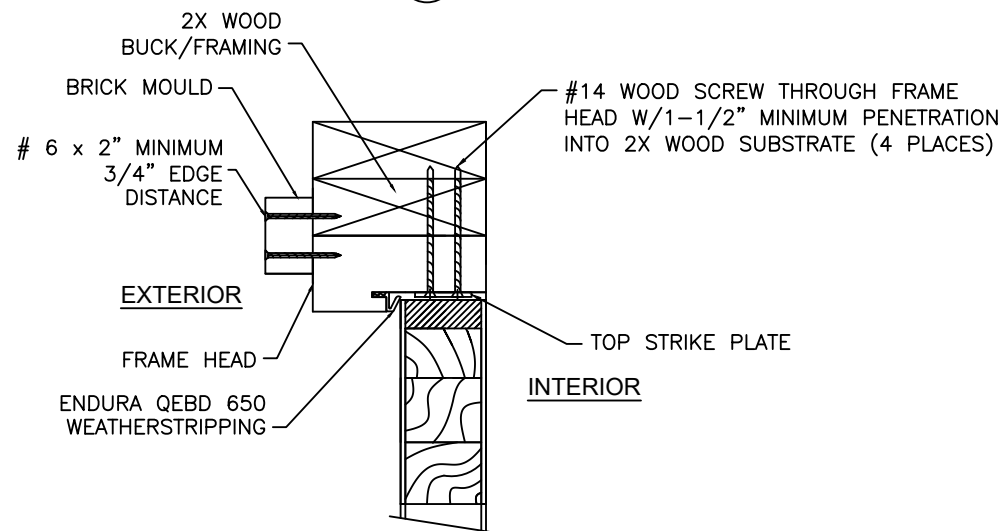
2X WOOD BUCK/FRAMING INSTALLATION



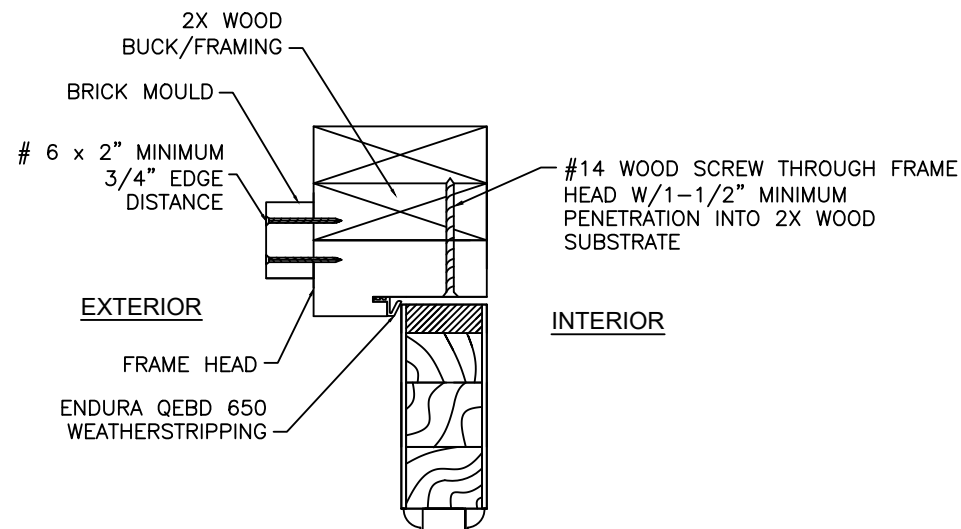
1 TOP STRIKE PLATE



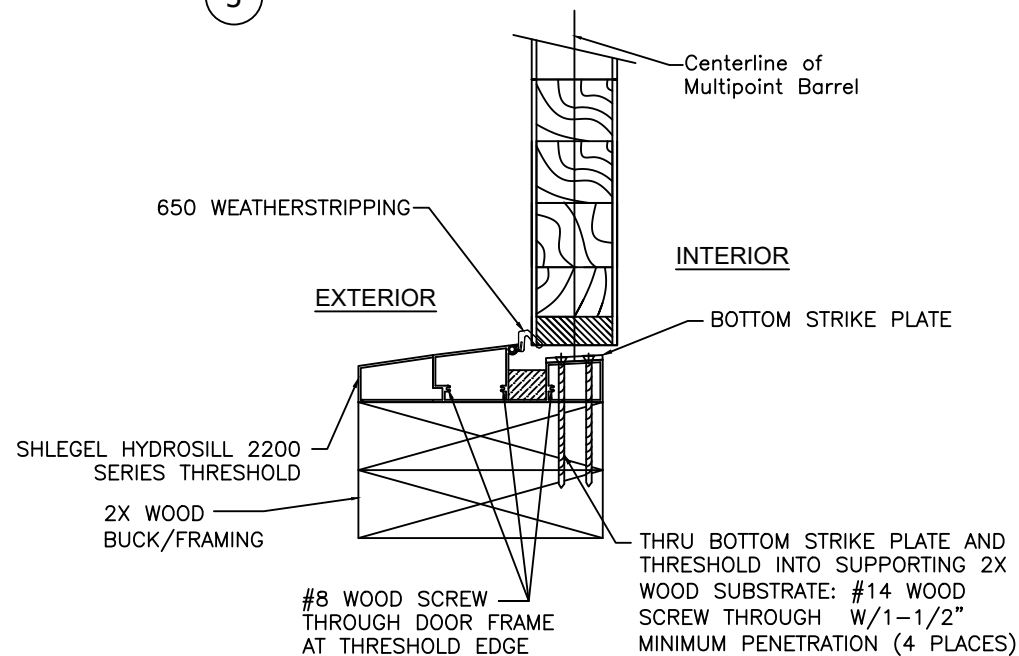
2 BOTTOM STRIKE PLATE



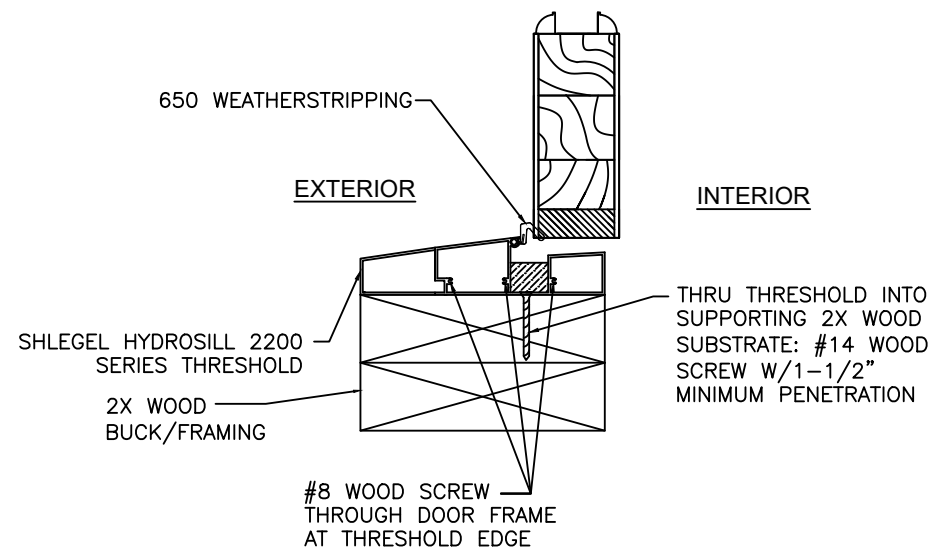
3 HEAD ANCHORAGE AT STRIKE PLATE



5 HEAD ANCHORAGE AT FRAME HEAD



4 THRESHOLD SECTION AT STRIKE PLATE



6 THRESHOLD SECTION AT SILL

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
WOOD INSTALLATION - DETAILS 1 THRU 6

PREPARED BY: RJA DATE: 10/10/2020

SCALE: N.T.S. DRAWING NO: DSA0006

REV: A SHEET: 6 OF 19

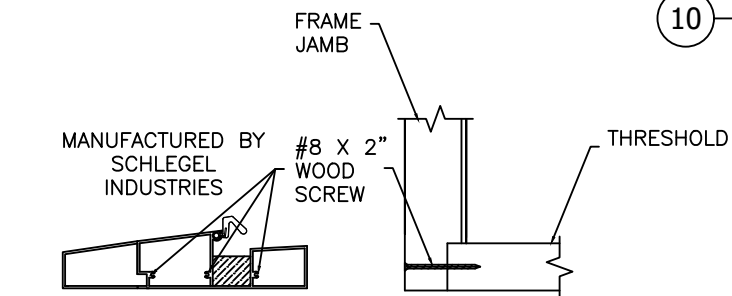
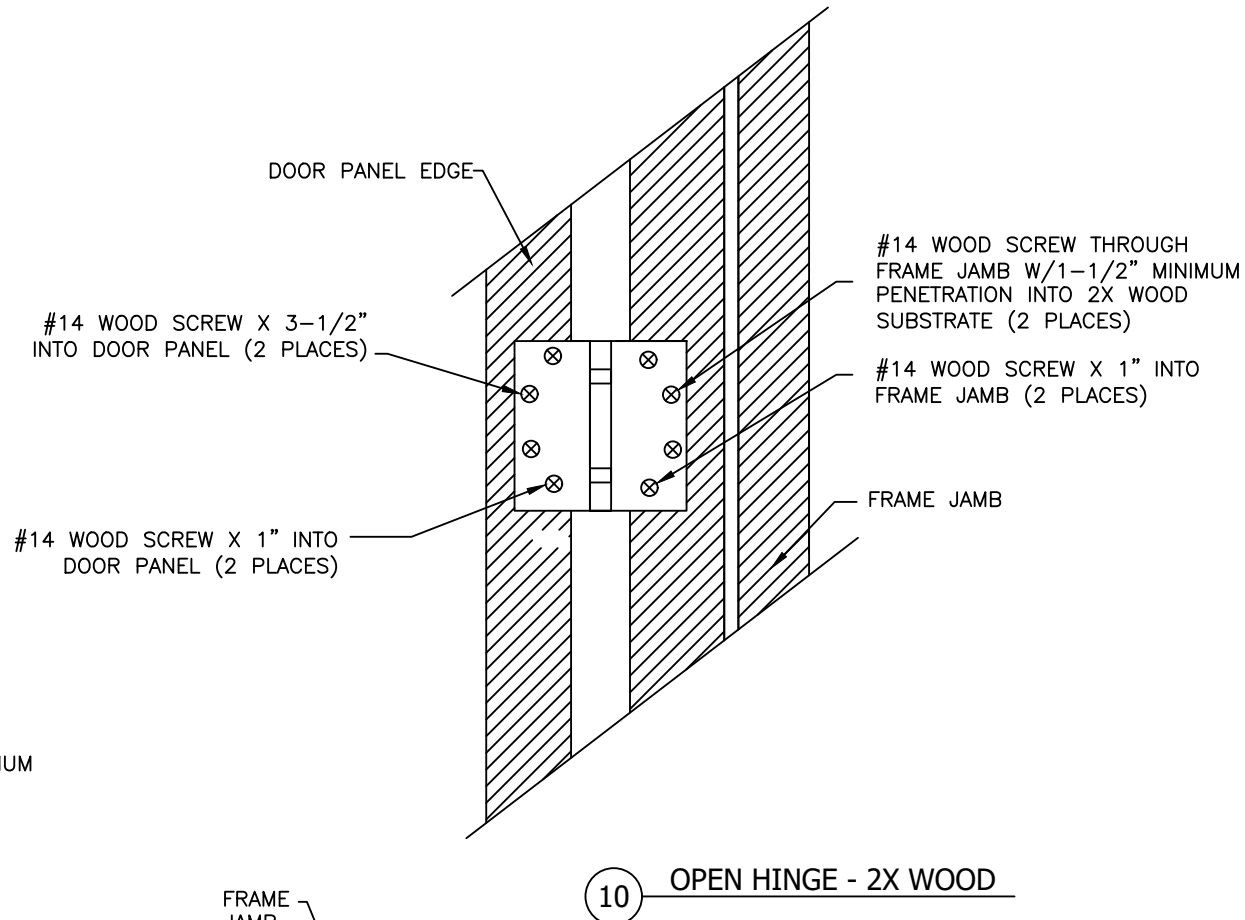
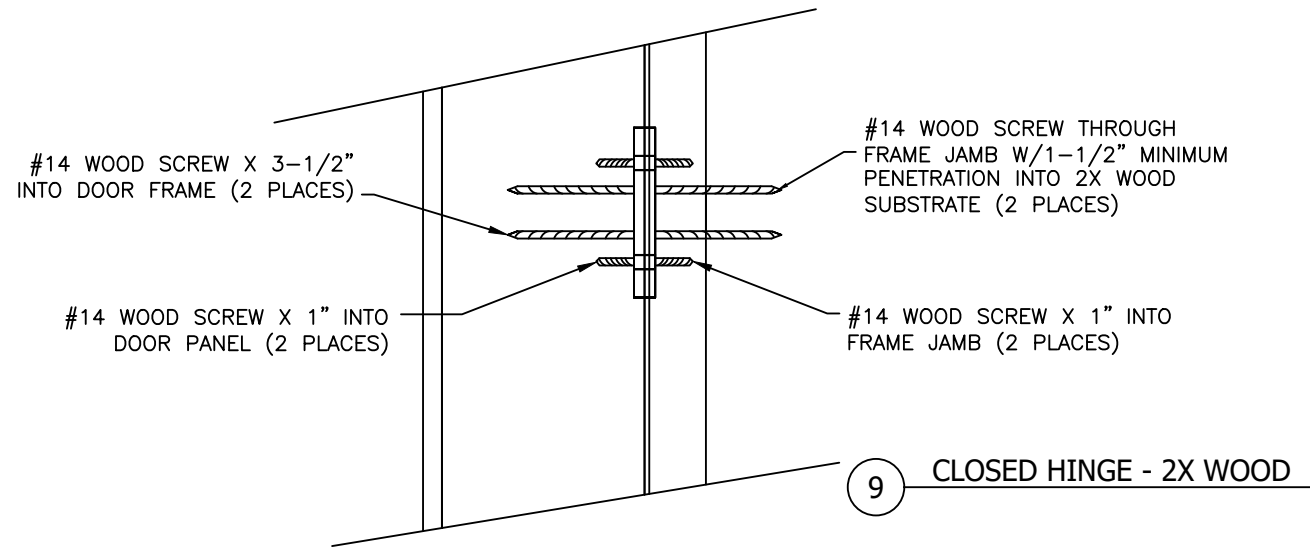
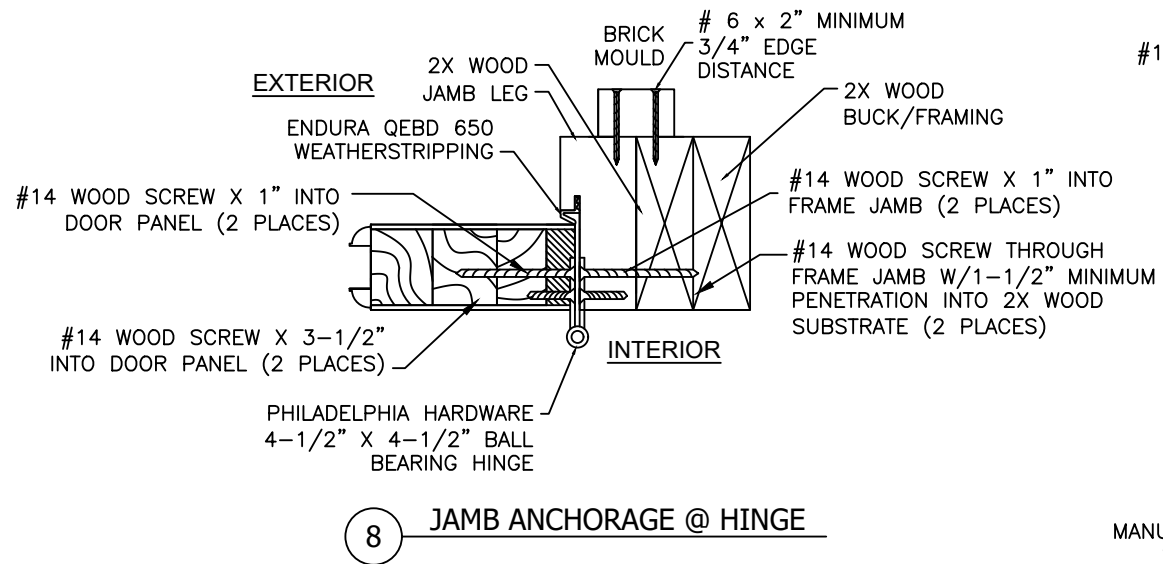
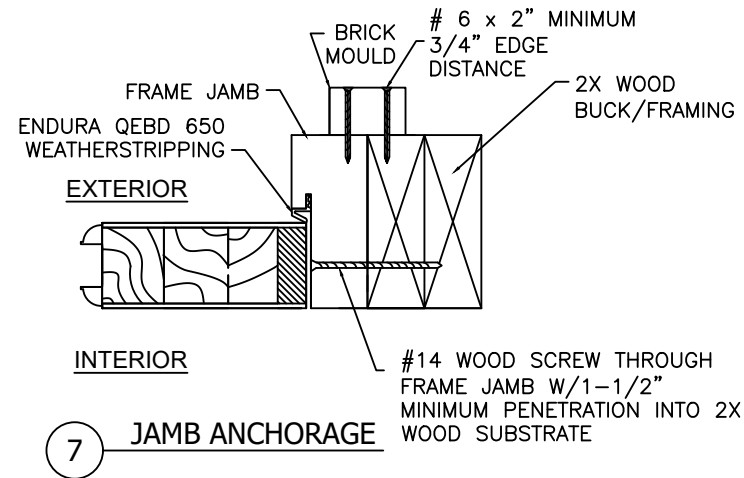
PTC PRODUCT DESIGN GROUP, LLC
1000 KINGS RD
LONGWOOD, FL 32750
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



DETAILS

2X WOOD BUCK/FRAMING INSTALLATION



11 THRESHOLD TO FRAME DETAIL

The Door Store of America, Inc. 10681 World Trade Blvd Raleigh, NC 27617		PROJECT #423-0308	
TITLE: Complete Collection, Single and Double Doors, Inswing WOOD INSTALLATION - DETAILS 7 THRU 11			
PREPARED BY:  PDC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com			
DRAWN BY: RJA		DATE: 10/10/2020	
SCALE: N.T.S.		DRAWING NO: DSA0006	
REV: A		SHEET: 7 OF 19	
		A	UPDATED TO 8th EDITION (2023) FBC
		REV	DESCRIPTION DATE
			BY

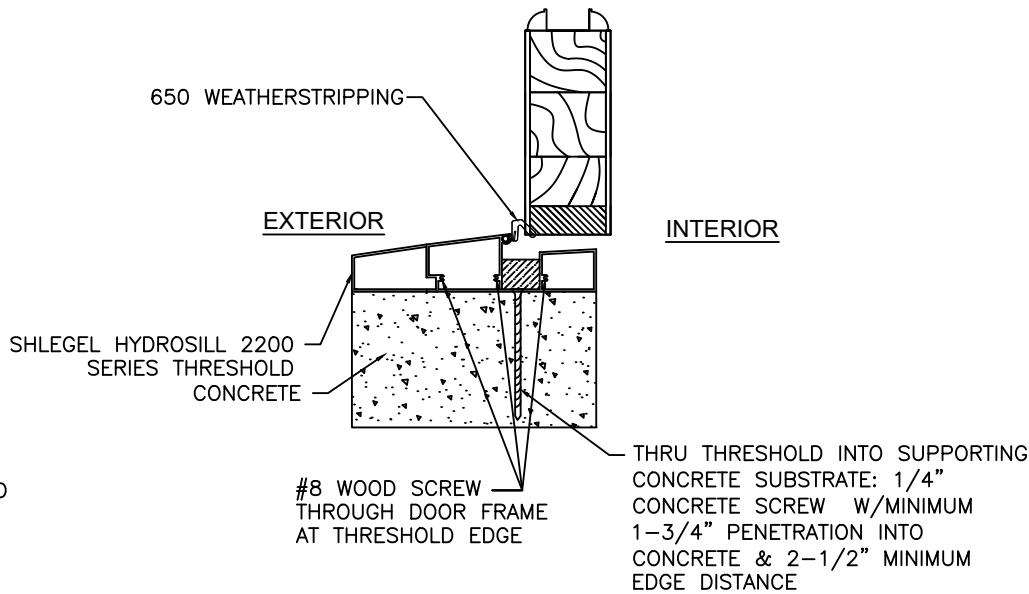
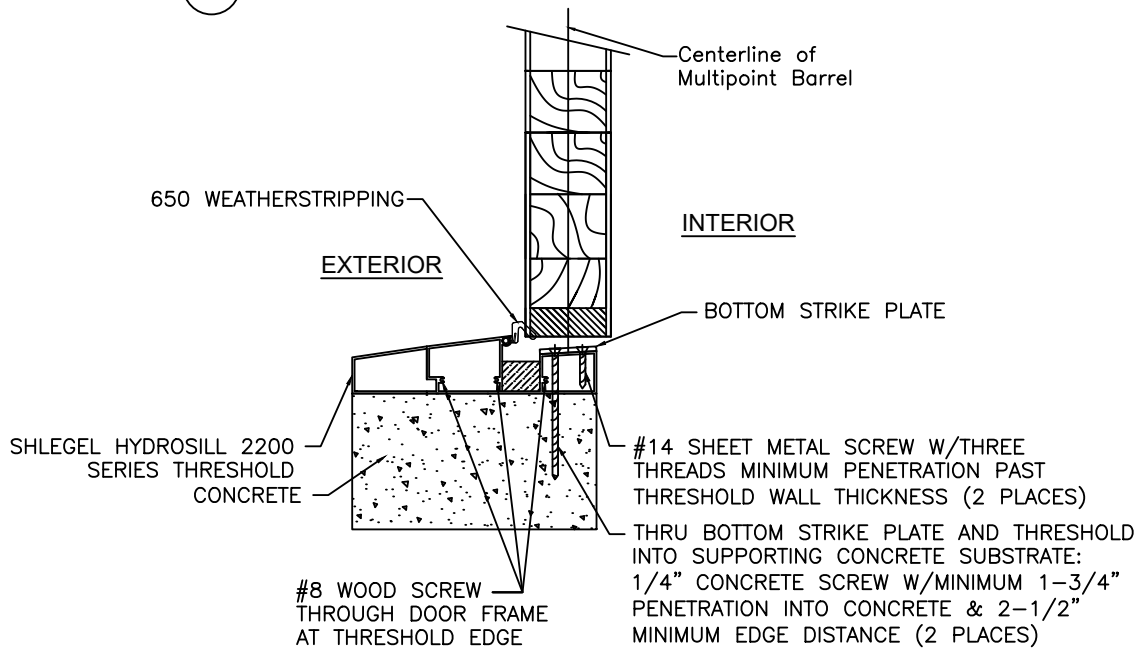
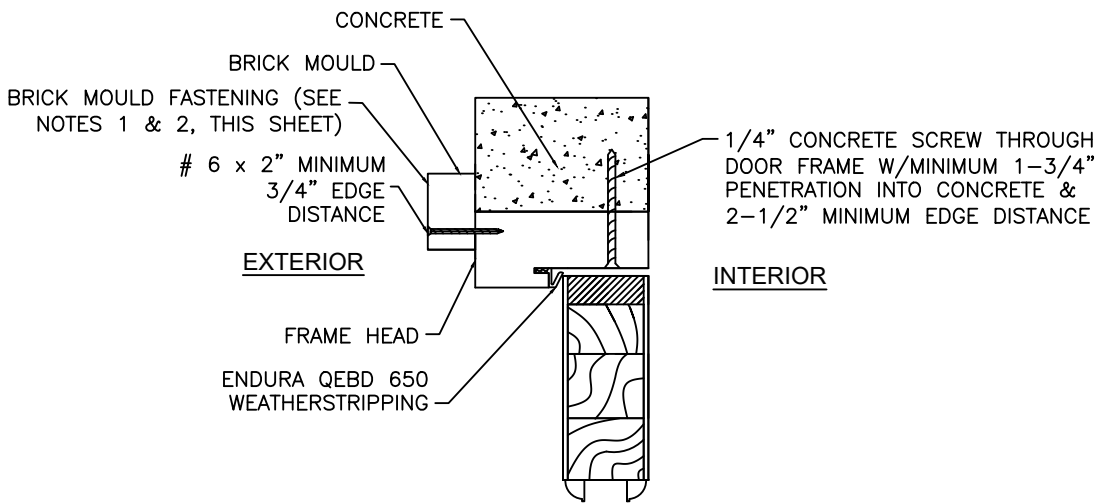
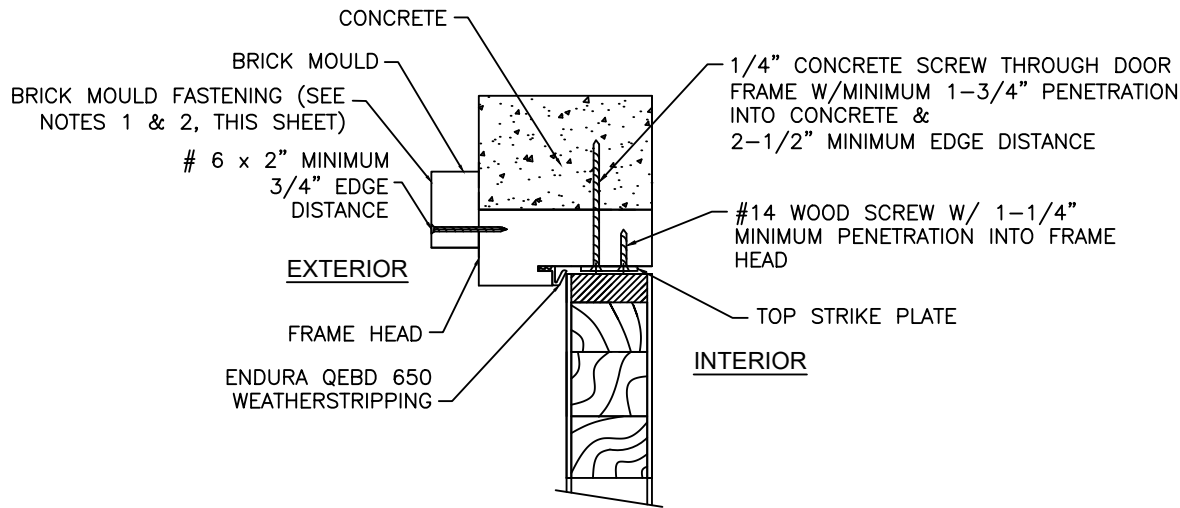
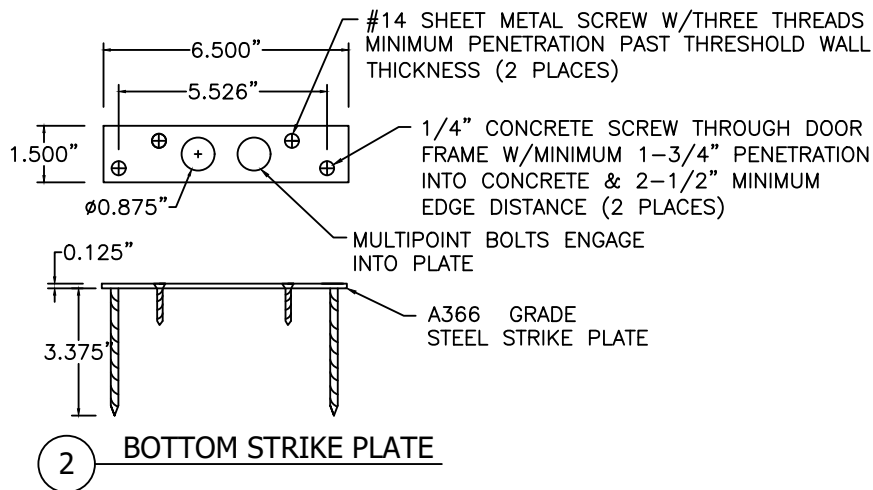
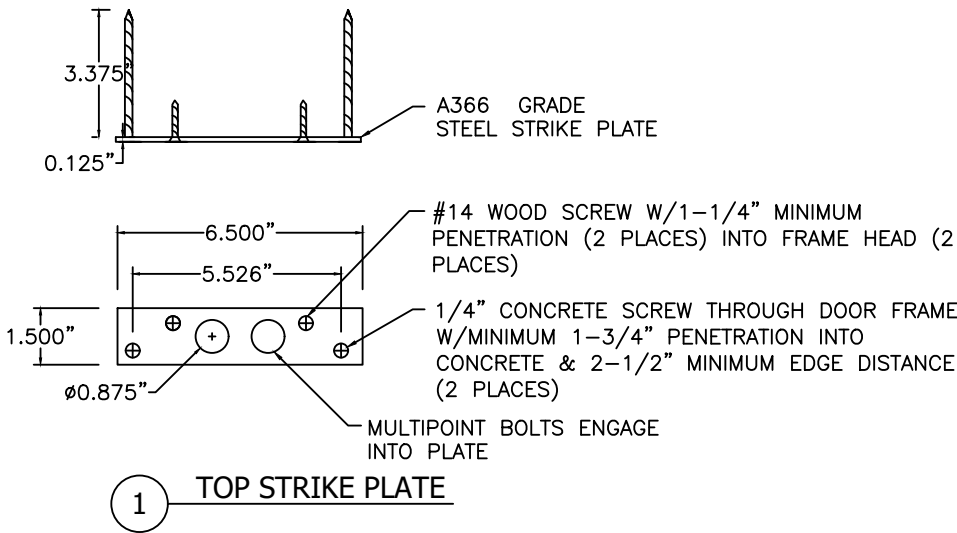
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



DETAILS
CONCRETE
INSTALLATION

NOTES:

- 1. BRICK MOULD INSTALLATION SHALL USE NO. 6 WOOD SCREW X 2" MINIMUM LENGTH FOR BRICK MOULD-TO-DOOR FRAME INSTALLATION
- 2. ALL ADDITIONAL FASTENING INCLUDING THE USE OF SEALANTS SHALL BE AT THE DISCRETION OF THE INSTALLER OR AS RECOMMENDED BY THE DOOR MANUFACTURER.



PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
CONCRETE INSTALLATION - DETAILS 1 THRU 6

PREPARED BY: RJA DATE: 10/10/2020

SCALE: N.T.S. DRAWING NO: DSA0006

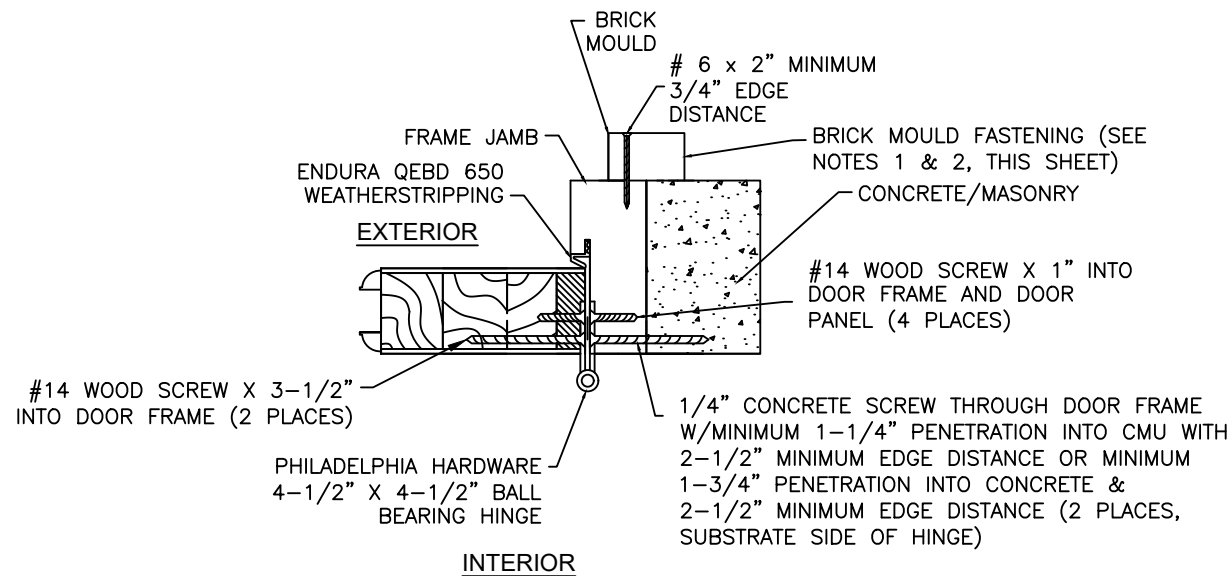
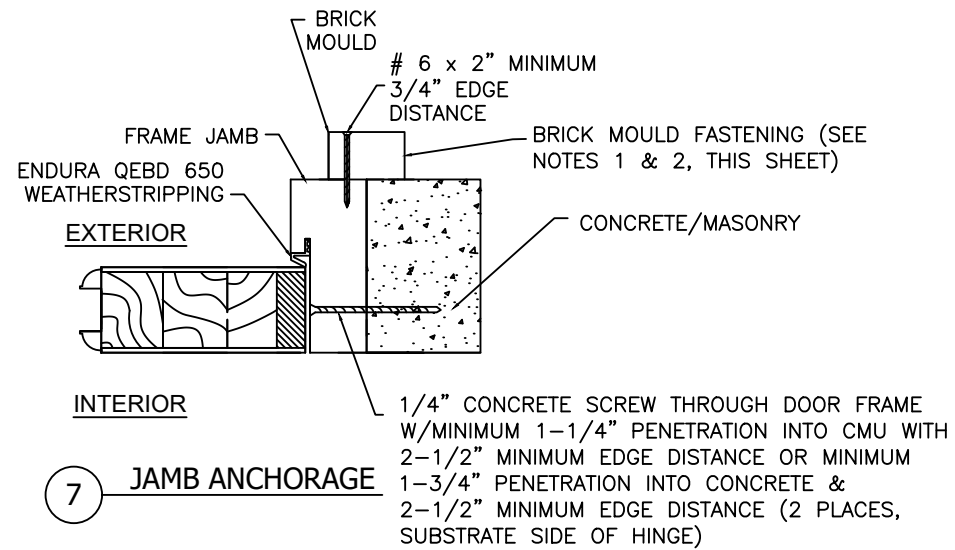
REVISION: A SHEET: 8 OF 19

PTC PRODUCT DESIGN GROUP, LLC
10000 WOODBRIDGE BLVD
LONGWOOD, FL 32750
PHONE: 321.690.1788
FAX: 321.690.1789
EMAIL: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



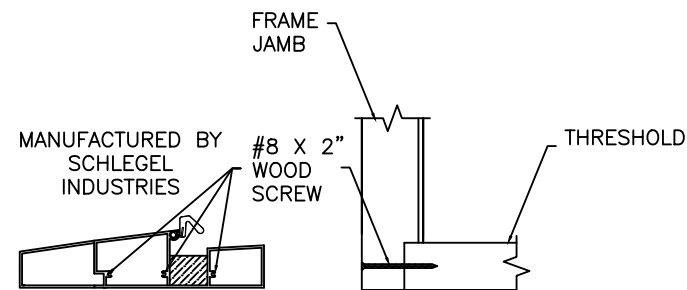
CONCRETE/MASONRY INSTALLATION



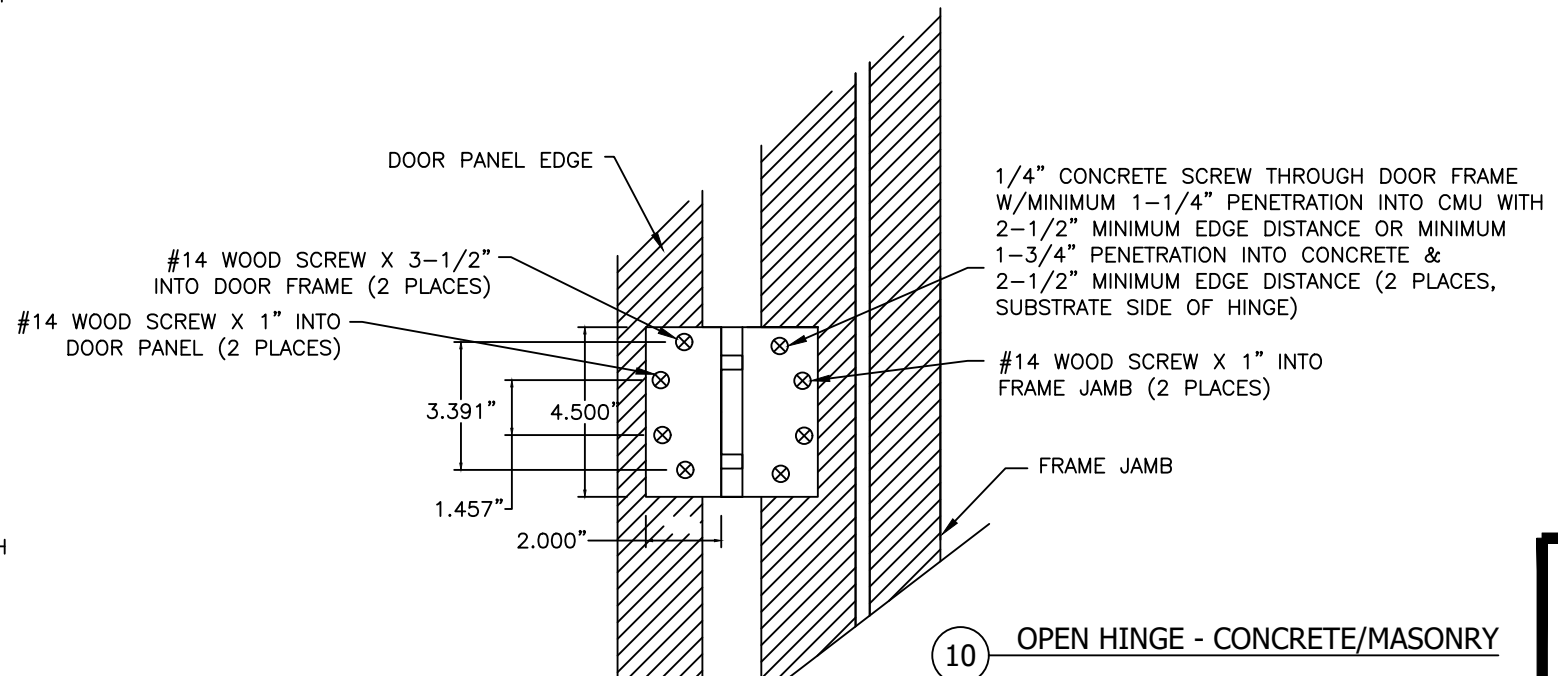
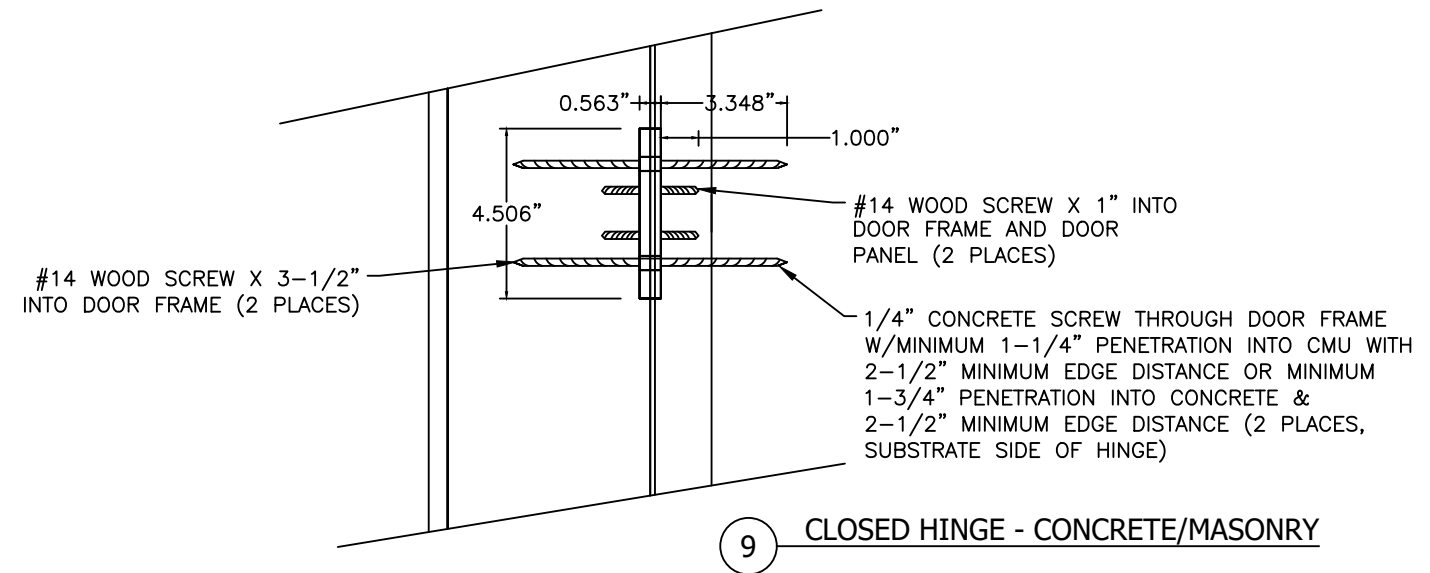
8 JAMB ANCHORAGE @ HINGE

NOTES:

1. BRICK MOULD INSTALLATION SHALL USE NO. 6 WOOD SCREW X 2" MINIMUM LENGTH FOR BRICK MOULD-TO-DOOR FRAME INSTALLATION
2. ALL ADDITIONAL FASTENING INCLUDING THE USE OF SEALANTS SHALL BE AT THE DISCRETION OF THE INSTALLER OR AS RECOMMENDED BY THE DOOR MANUFACTURER.

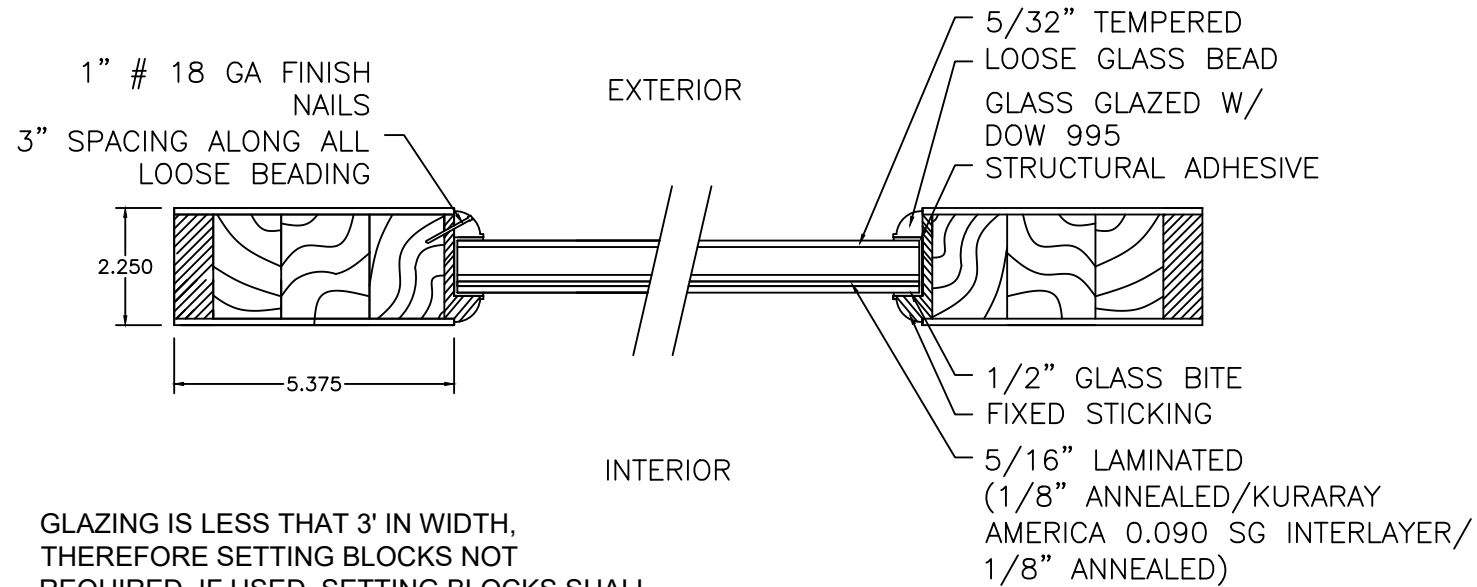


11 THRESHOLD TO FRAME DETAIL



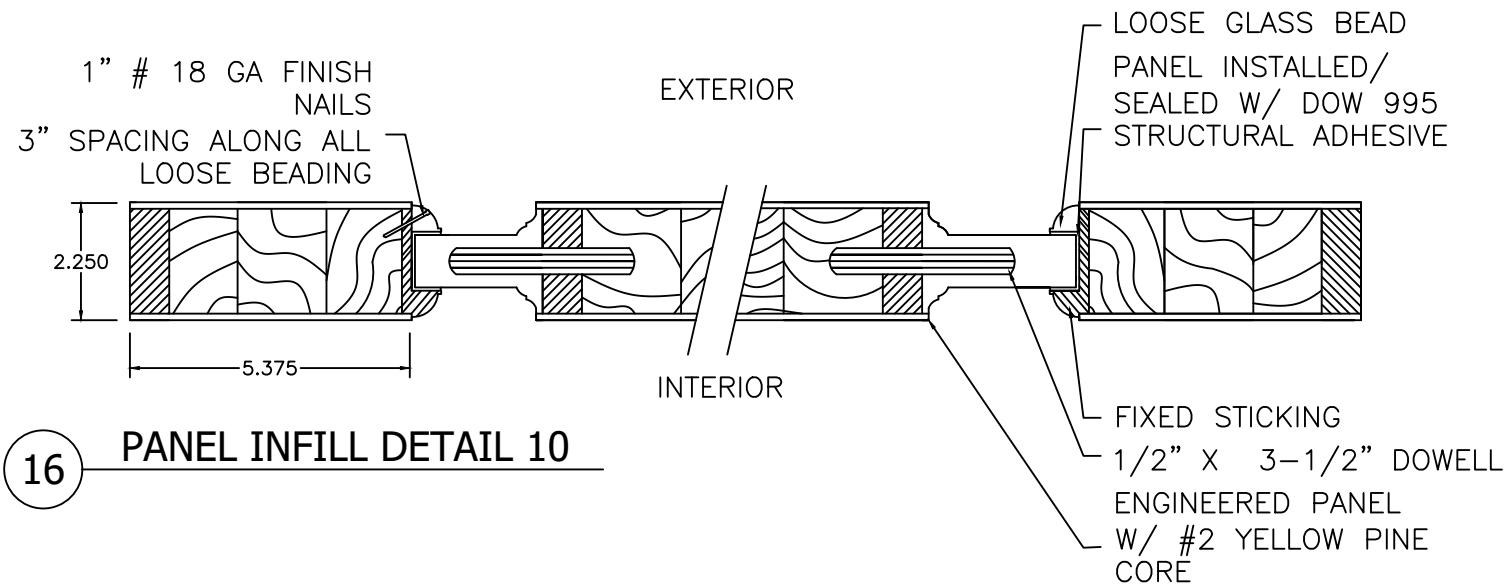
DETAILS

MISCELLANEOUS

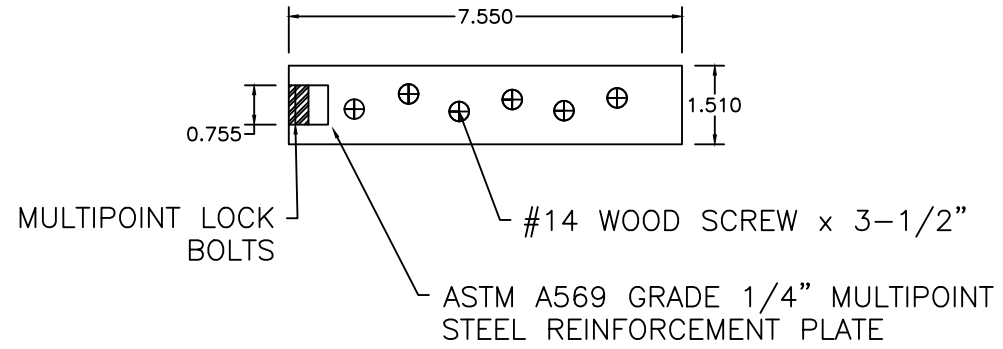


GLAZING IS LESS THAN 3' IN WIDTH,
THEREFORE SETTING BLOCKS NOT
REQUIRED. IF USED, SETTING BLOCKS SHALL
BE NEOPRENE 70-90 SHORE A DUROMETER
HARDNESS OR APPROVED EQUAL.

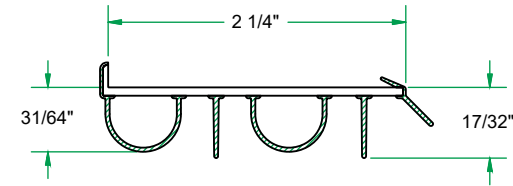
15 PANEL GLAZING DETAIL 9



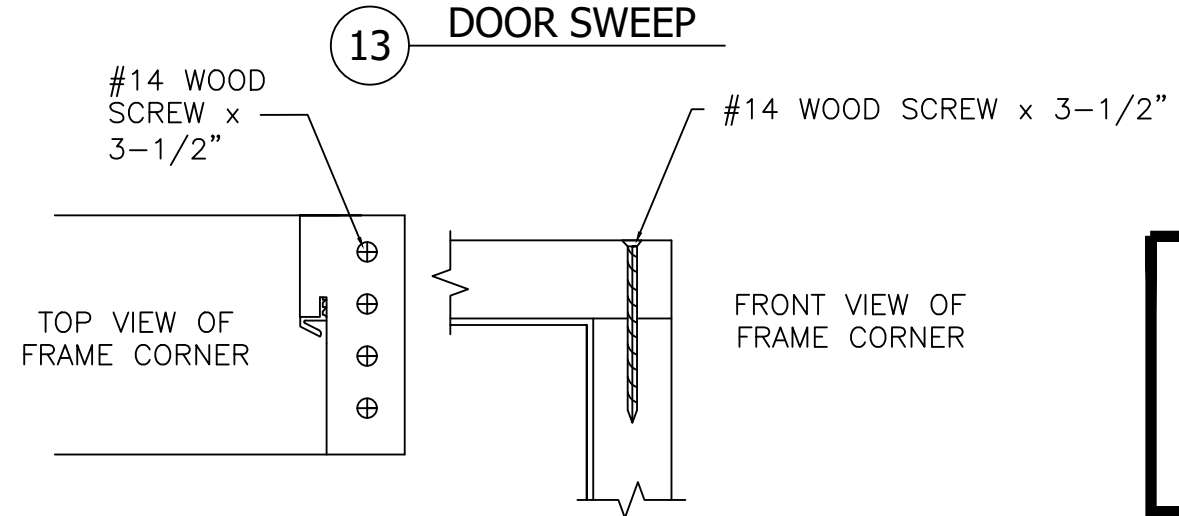
16 PANEL INFILL DETAIL 10



14 REINFORCEMENT PLATE AT MULTIPOINT LOCK



DBS-214
DOOR SWEEP



12 FRAME EDGE DETAIL

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

DRAWN BY: _____		DATE: _____
-----------------	--	-------------

RJA	10/10/2020
-----	------------

SCALE: N.T.S.

REV: A	SHEET: 10 OF 19
--------	-----------------

PO BOX 520775
LONGWOOD, FLORIDA 32752
EPOC A NO. 25025
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@pte-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



SECTIONS
XX DOOR VERTICAL VIEWS
2X WOOD BUCK/FRAMING
INSTALLATION

3
6

INTERIOR

EXTERIOR

5
6

INTERIOR

EXTERIOR

INTERIOR

EXTERIOR

4
6

INTERIOR

EXTERIOR

6
6

A STILE DOOR SECTION
WOOD SUBSTRATE INSTALLATION

B GLAZED DOOR SECTION
WOOD SUBSTRATE INSTALLATION

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
SECTIONS - VERTICAL - WOOD INSTALLATION

PREPARED BY: PTC
DRAWN BY: RJA
SCALE: N.T.S.
REV: A
DATE: 10/10/2020
DRAWING NO: DSA0006
SHEET: 11 OF 19

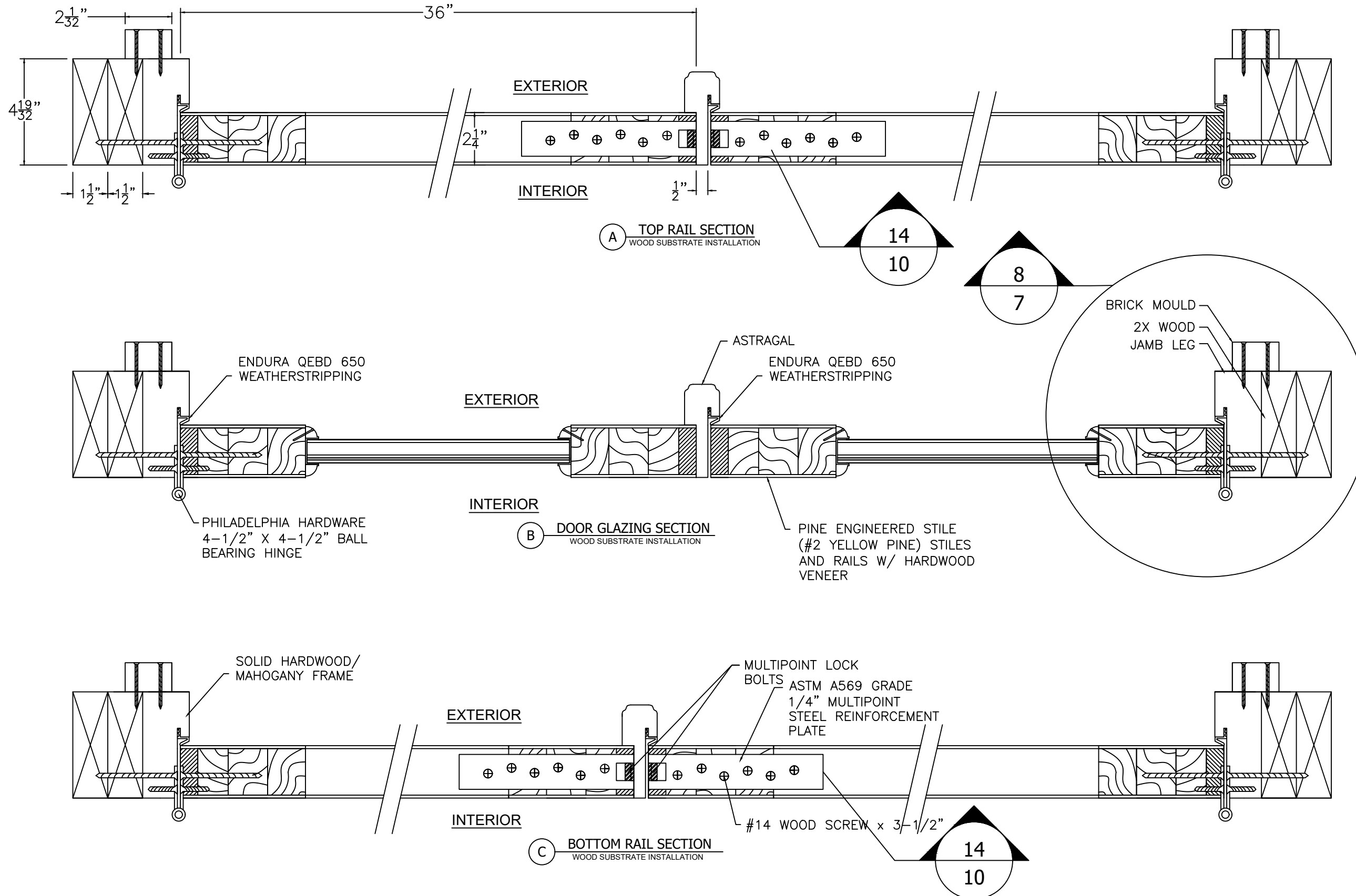
PTC PRODUCT DESIGN GROUP, LLC
10000 WOODBRIDGE BLVD
LONGWOOD, FL 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



SECTIONS

XX DOOR HORIZONTAL VIEWS 2X WOOD BUCK/FRAMING INSTALLATION



PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
SECTIONS - HORIZONTAL - WOOD INSTALLATION

PREPARED BY:

DRAWN BY: RJA

DATE: 10/10/2020

SCALE: N.T.S.

DRAWING NO: DSA0006

REV: A

SHEET: 12 OF 19

DESCRIPTION

REV

DATE

BY

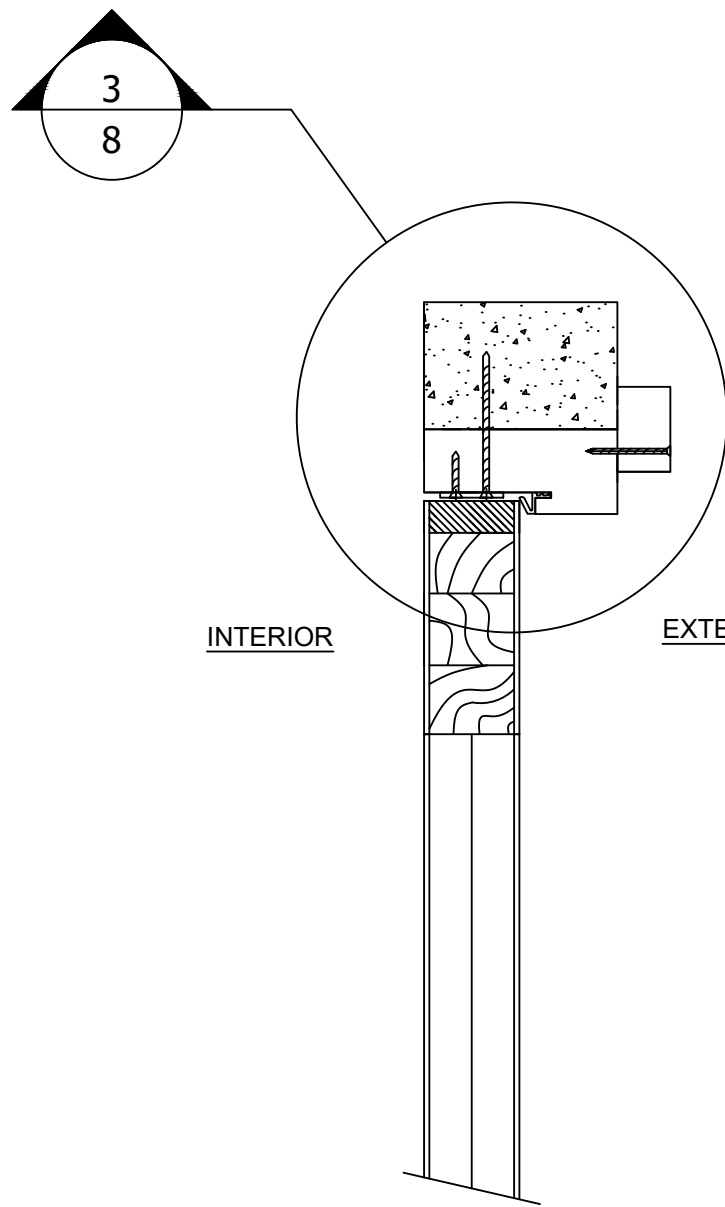
7/10/23

RJA

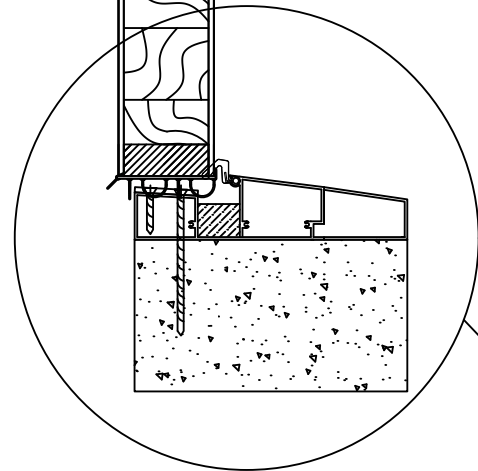
UPDATED TO 8th EDITION (2023) FBC

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

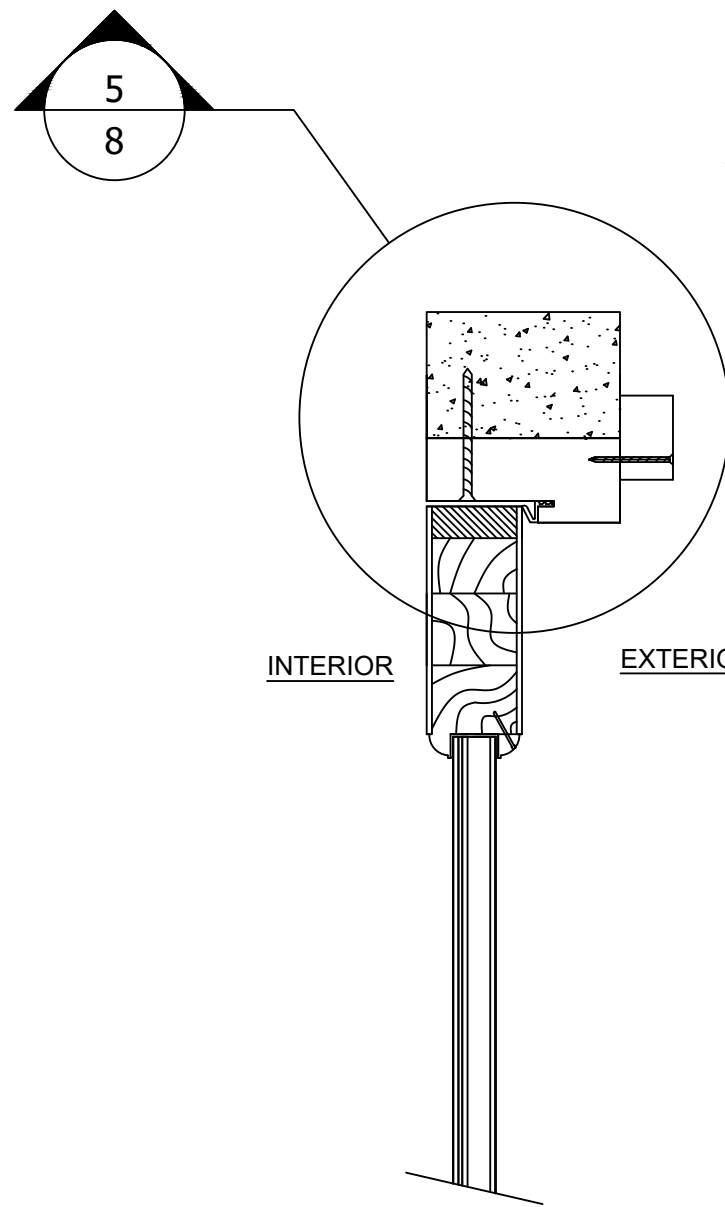




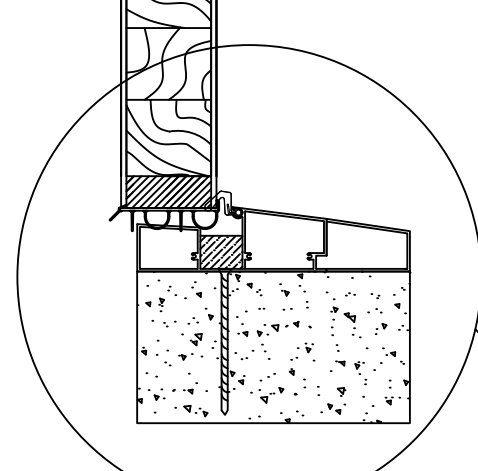
INTERIOR EXTERIOR



A STILE DOOR SECTION
CONCRETE/MASONRY SUBSTRATE
INSTALLATION



INTERIOR EXTERIOR



B GLAZED DOOR SECTION
CONCRETE/MASONRY SUBSTRATE
INSTALLATION

SECTIONS

XX DOOR VERTICAL VIEWS

CONCRETE INSTALLATION

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
SECTIONS - VERTICAL - CONCRETE INSTALLATION

PREPARED BY: DATE: 10/10/2020

DRAWN BY: RJA DRAWING NO: DSA0006

SCALE: N.T.S. SHEET: 13 OF 19

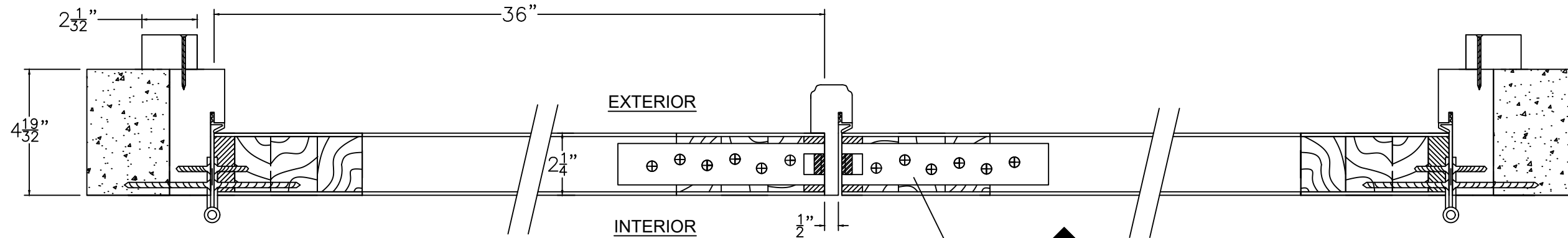
PTC PRODUCT DESIGN GROUP, LLC
10000 W. 11TH AVE., SUITE 100
LONGWOOD, FL 32750
PHONE: 321.690.1788
FAX: 321.690.1789
EMAIL: info@ptc-corp.com

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



SECTIONS

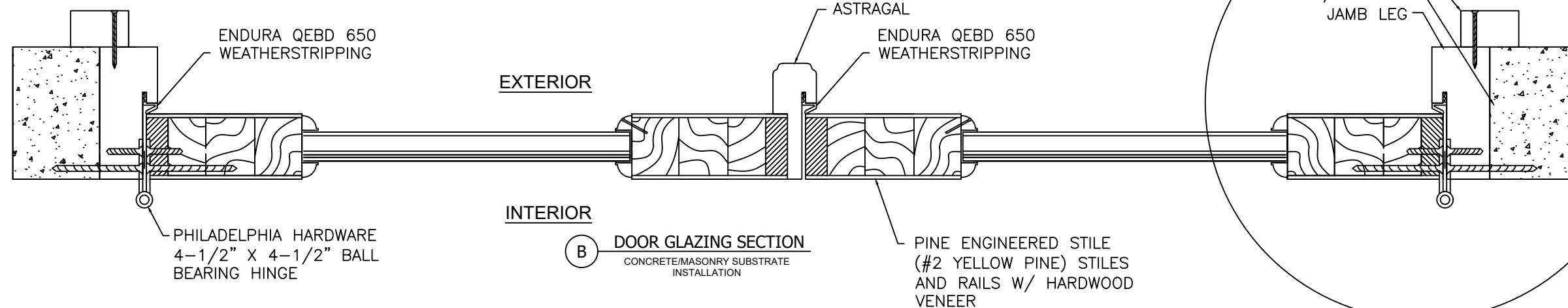
XX DOOR HORIZONTAL VIEWS CONCRETE/MASONRY INSTALLATION



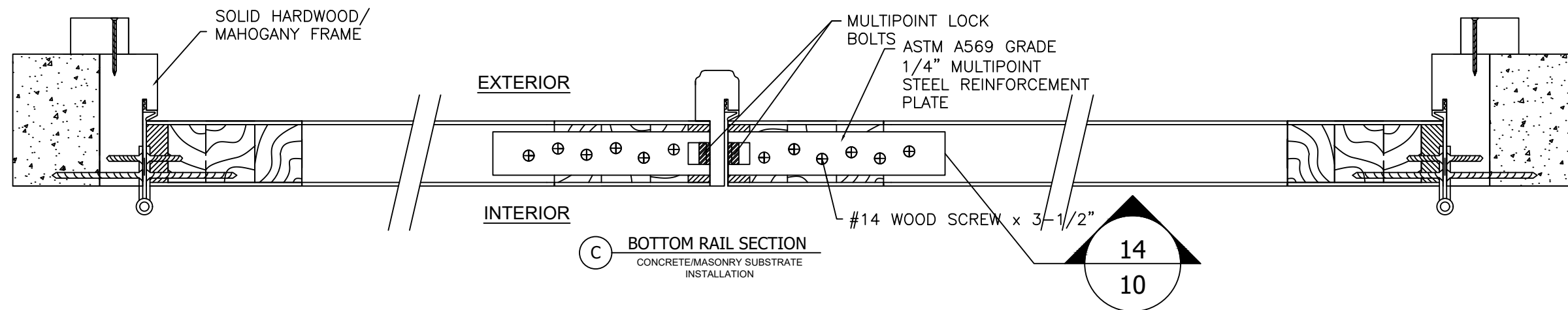
A TOP RAIL SECTION
CONCRETE/MASONRY SUBSTRATE
INSTALLATION

14
10

8
9



B DOOR GLAZING SECTION
CONCRETE/MASONRY SUBSTRATE
INSTALLATION



C BOTTOM RAIL SECTION
CONCRETE/MASONRY SUBSTRATE
INSTALLATION

14
10

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
SECTIONS - HORIZONTAL - CONCRETE/MASONRY INSTALLATION
PREPARED BY:

REV	DESCRIPTION	DATE	BY
A	UPDATED TO 8th EDITION (2023) FBC	7/10/23	RJA
REV	DATE	BY	
10/10/2020	10/10/2020	RJA	
DSA0006	DSA0006	N.T.S.	
14 OF 19	14 OF 19	A	

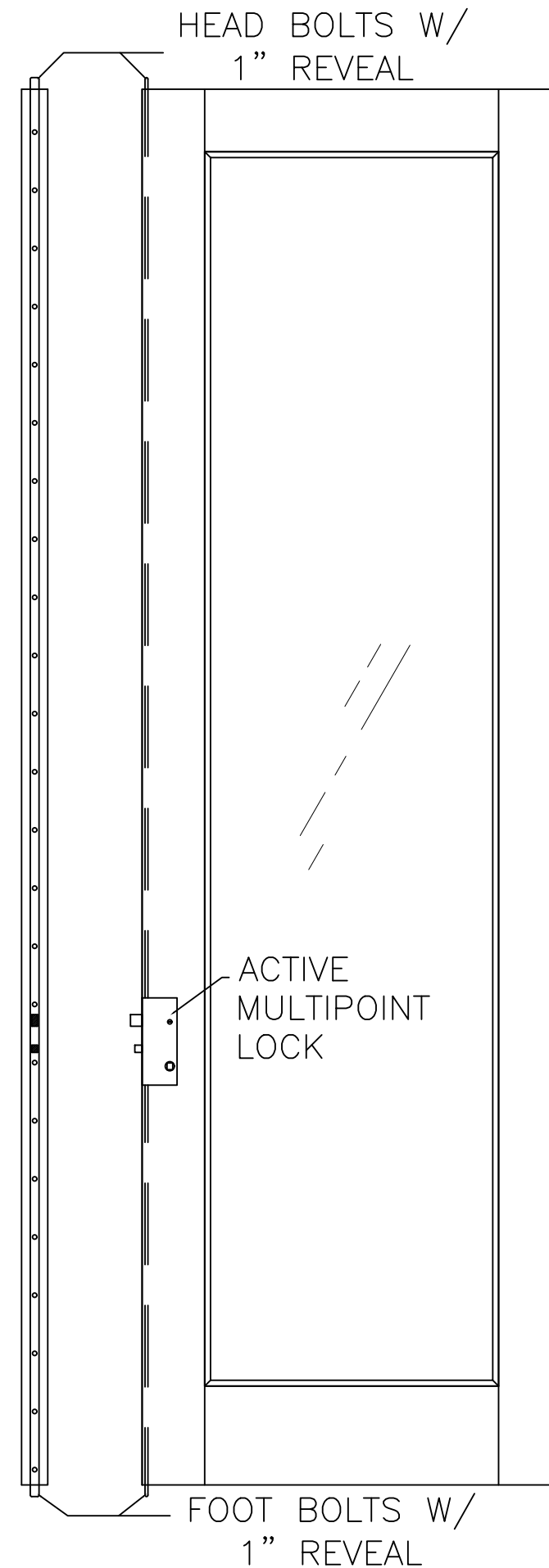
PTC PRODUCT DESIGN GROUP, LLC
10000 W. 11TH AVENUE, SUITE 100
LONGWOOD, FLORIDA 32752
PHONE: 321.690.1788
FAX: 321.690.1789
EMAIL: info@ptc-corp.com
FBIPE C.A. NO. 25935

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



DETAILS

MULTIPOINT LOCK LAYOUT (SEE SHEET 16 FOR LOCK DETAIL)



PREPARED BY:

PDC

PDC PRODUCT DESIGN GROUP, LLC
PO BOX 520715
LONGWOOD, FLORIDA 32752
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@pdc-caro.com

SCALE:	N.T.S.	DRAWING NO:	DSA0006
--------	--------	-------------	---------

REV:	A	SHEET:	15 OF 19
------	---	--------	----------

PROJECT #423-0308

A
UPDATED TO 8th EDITION
(2023) ERC

REV	DESCRIPTION
-----	-------------

UPDATED TO 8th EDITION
(2023) FRC

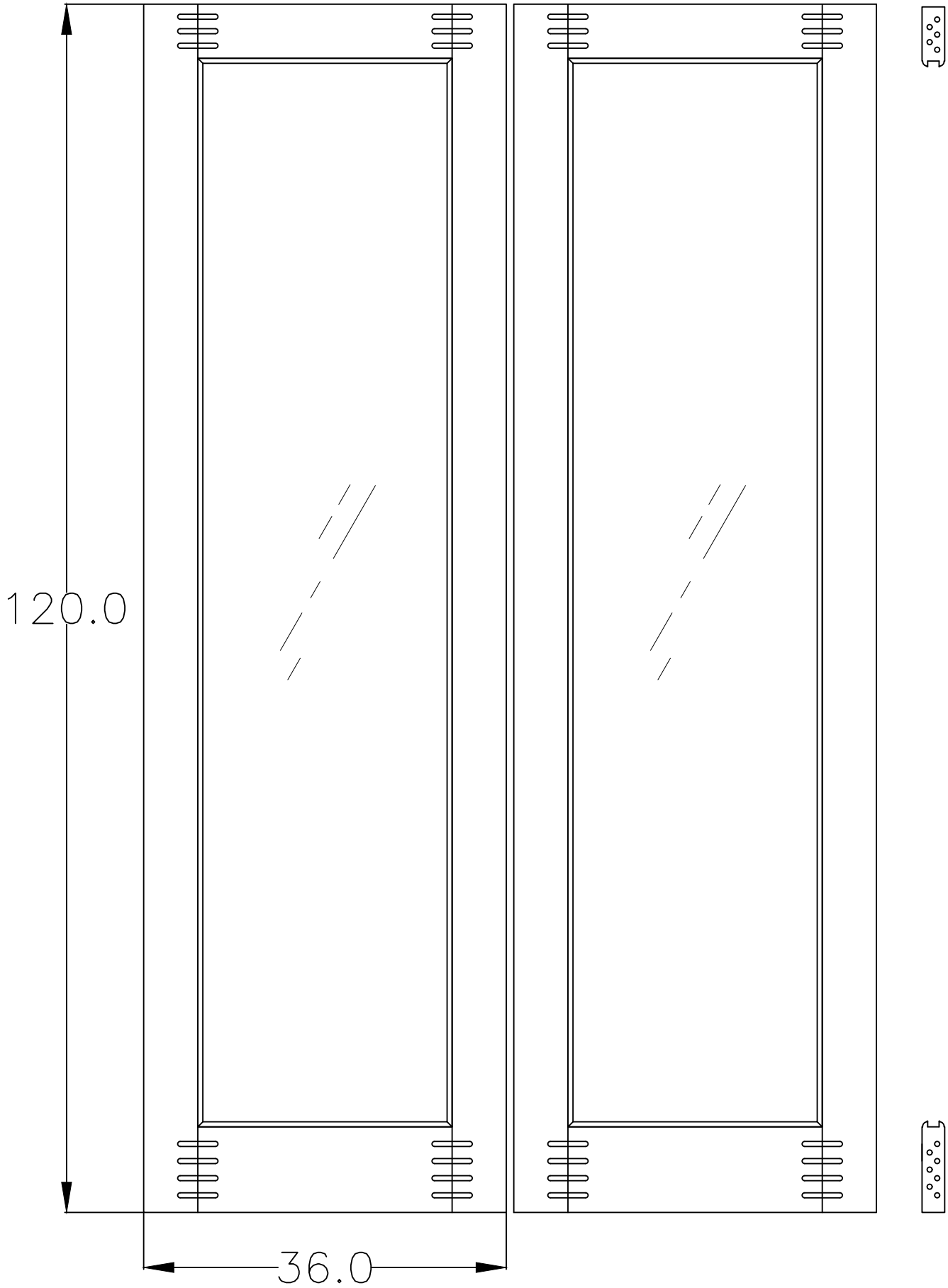
7/10/23

RJA

DATE	BY
------	----

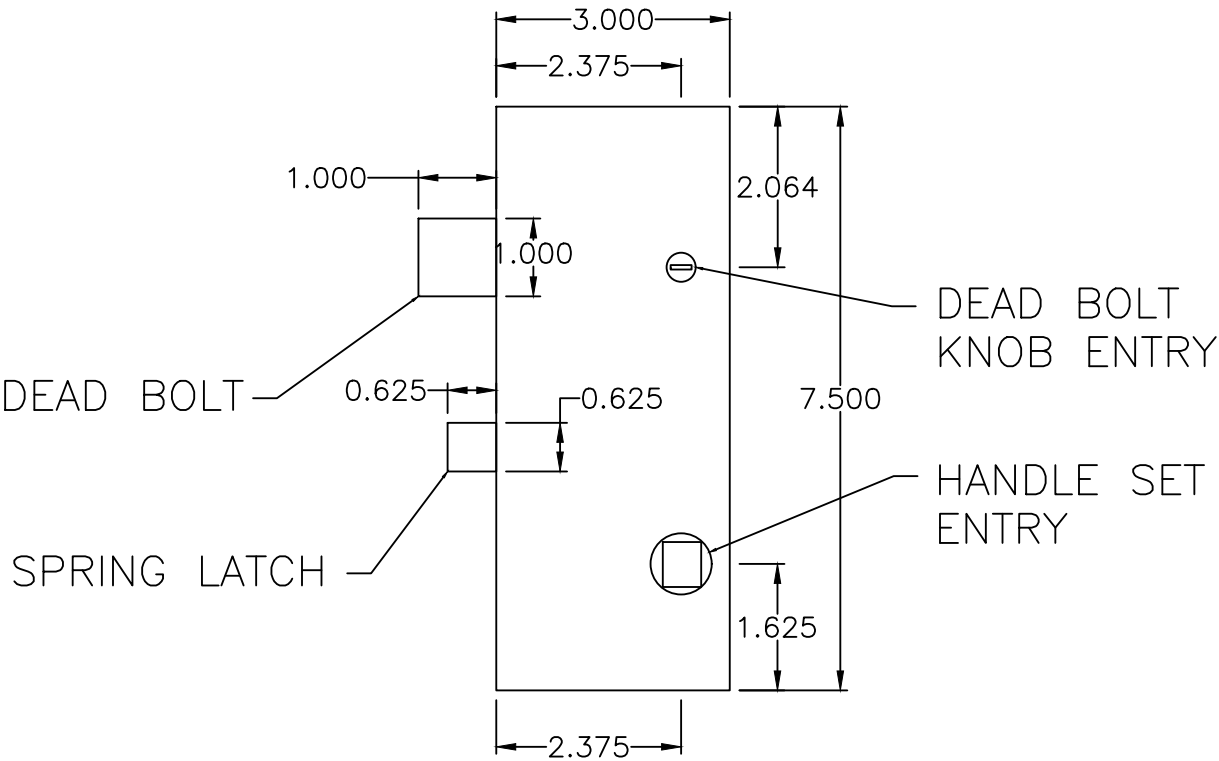
DETAIL

PANEL CONSTRUCTION - DOWEL LOCATION



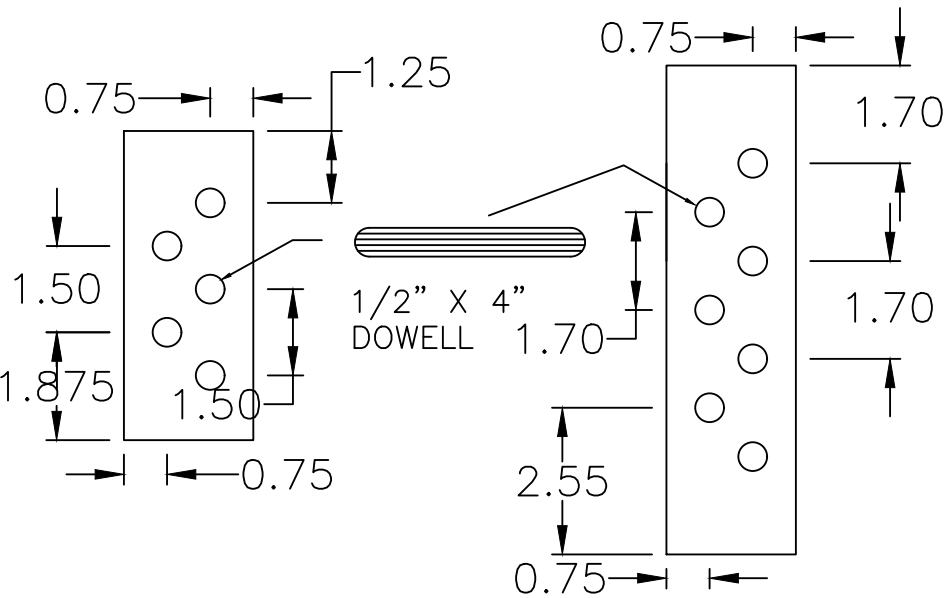
DETAIL

MULTIPOINT LOCK



DETAIL

PANEL CONSTRUCTION - DOWELS



PROJECT #423-0308

The Door Store of America, Inc.

10681 World Trade Blvd

Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing

PANEL CONSTRUCTION - MULTIPOINT LOCK DETAIL

PREPARED BY:

DATE:

DRAWING NO:

REV:

DRAWN BY:

SCALE:

REV:

SHEET:

DATE:

DRAWING NO:

REV:

SHEET:

UPDATED TO 8th EDITION

(2023) FBC

A

REV

DATE

DESCRIPTION

BY

7/10/23

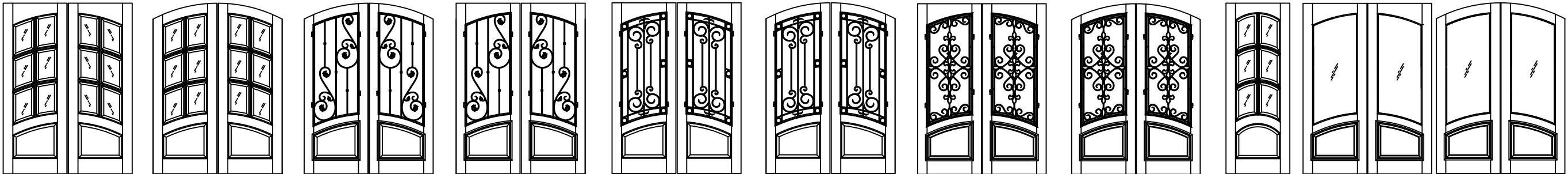
RJA

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

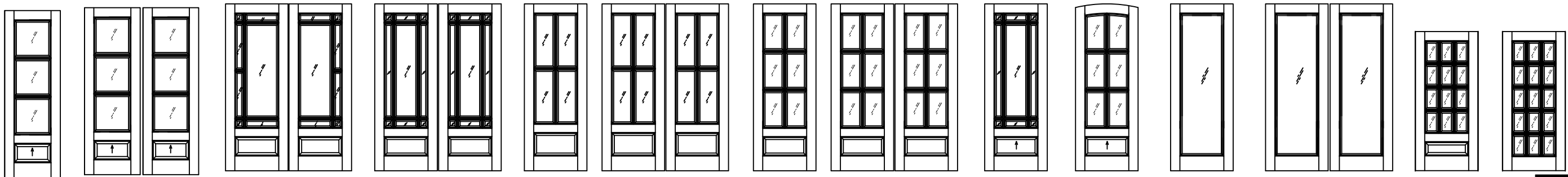


APPROVED CONFIGURATIONS

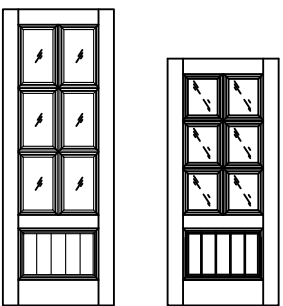
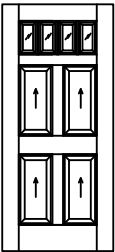
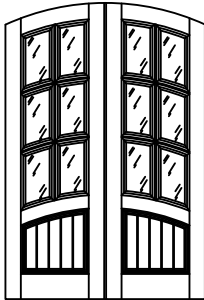
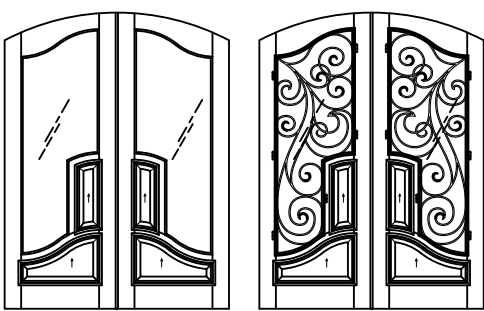
MAXIMUM FRAME, DOOR PANEL AND D.L.O. SIZES SHOWN ON SHEET 2 MUST BE MET.



Aberdeen



Alexandria



Hampshire

Keowee

Louisburg

Oconee

PROJECT #423-0308

The Door Store of America, Inc.

10681 World Trade Blvd

Raleigh, NC 27617

Complete Collection, Single and Double Doors, Inswing

APPROVED CONFIGURATIONS

PREPARED BY:

DRAWN BY:

DATE:

DRAWING NO.

SHEET:

RJA

N.T.S.

A

10/10/2020

DSA0006

17 OF 19

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

7/10/23

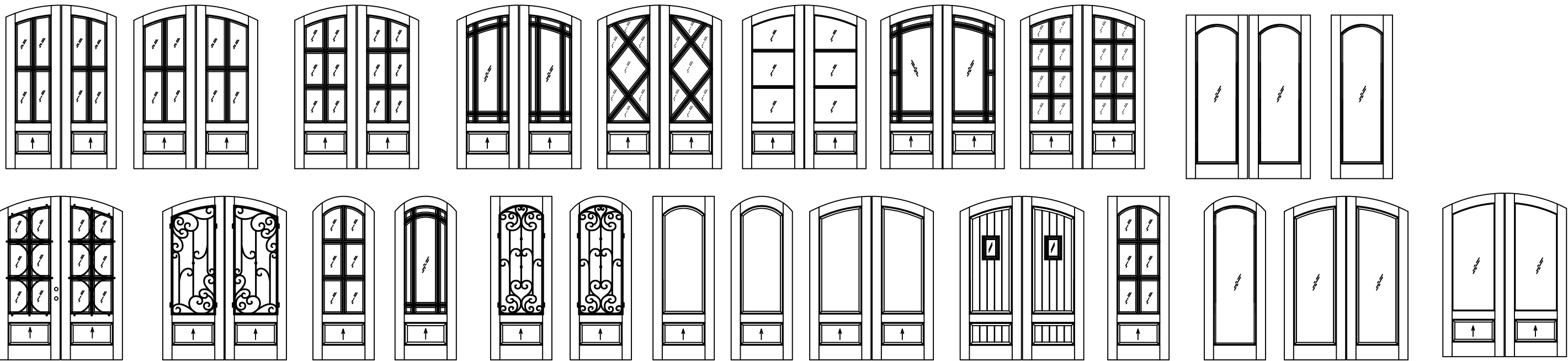
7/10/23

7/10/23

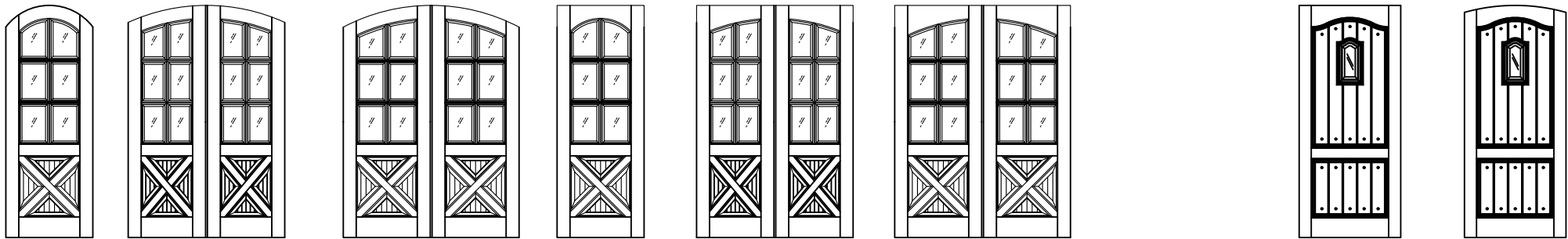
<

APPROVED CONFIGURATIONS

MAXIMUM FRAME, DOOR PANEL AND D.L.O. SIZES SHOWN ON SHEET 2 MUST BE MET.

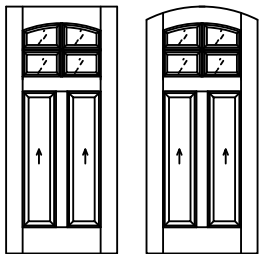


Tiffany

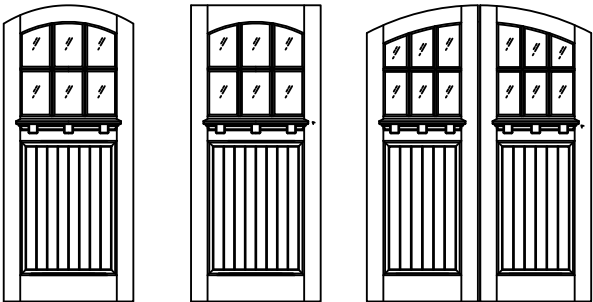


Havasu

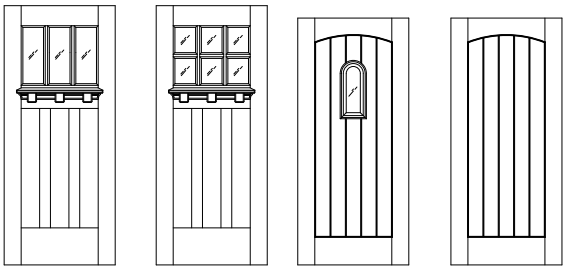
Kenmure



Lakewood



Linville



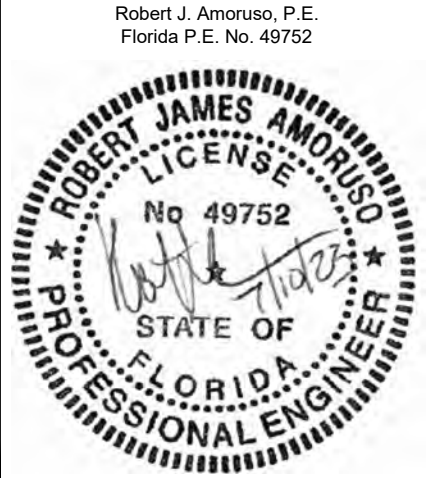
Tuscany

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

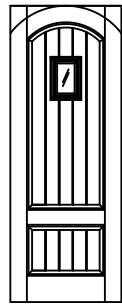
TITLE: Complete Collection, Single and Double Doors, Inswing APPROVED CONFIGURATIONS		DRAWN BY: RJA	DATE: 10/10/2020
PREPARED BY:	SCALE: N.T.S.	DRAWING NO: DSA0006	REV: A
PTC PRODUCT DESIGN GROUP, LLC 10681 World Trade Blvd Raleigh, NC 27617 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com		SHEET: 18 OF 19	

7/10/23	RJA	BY
UPDATED TO 8th EDITION (2023) FBC	A	REV
DESCRIPTION	DATE	DATE

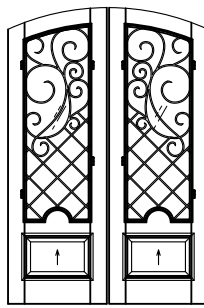
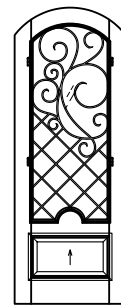
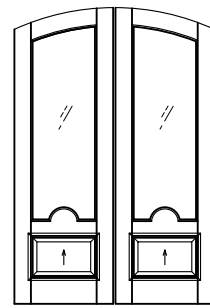
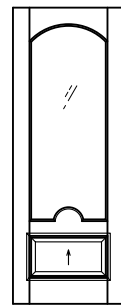
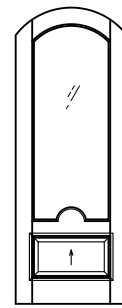


APPROVED CONFIGURATIONS

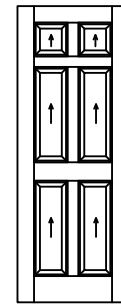
MAXIMUM FRAME, DOOR PANEL AND D.L.O. SIZES SHOWN ON SHEET 2 MUST BE MET.



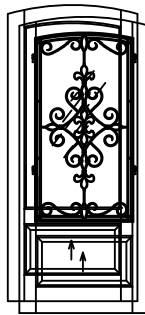
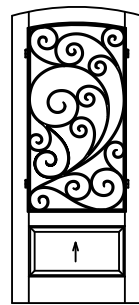
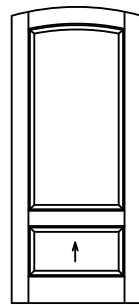
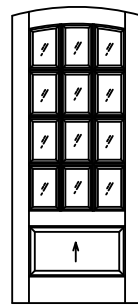
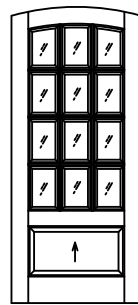
Briarcliff



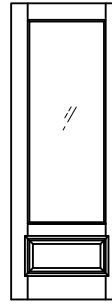
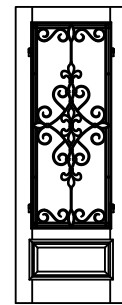
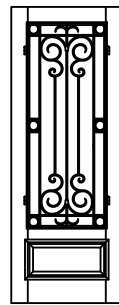
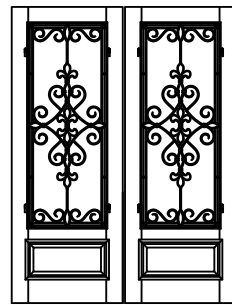
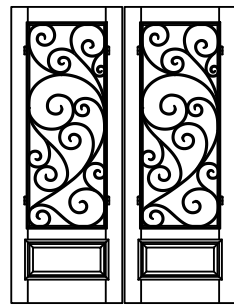
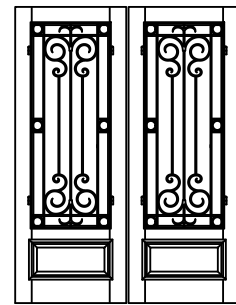
Marseille



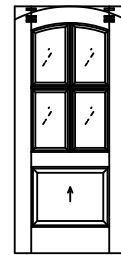
Colonial



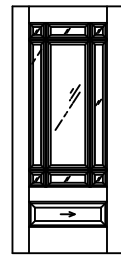
Trinity



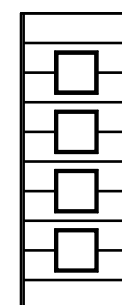
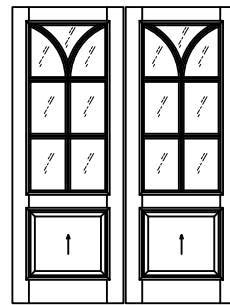
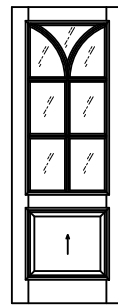
Wakefield



Brentwood

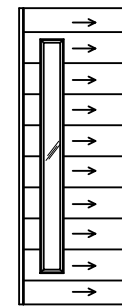
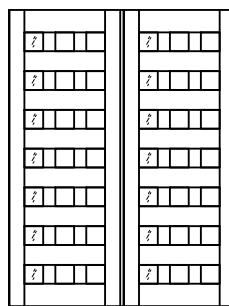
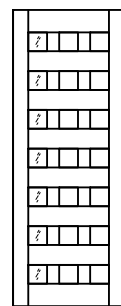
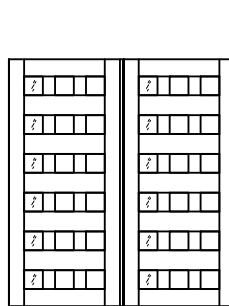
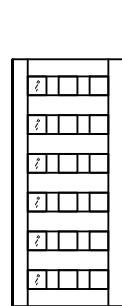
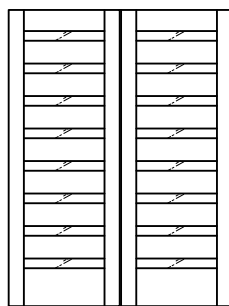
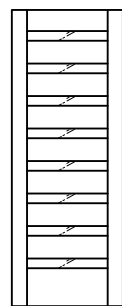
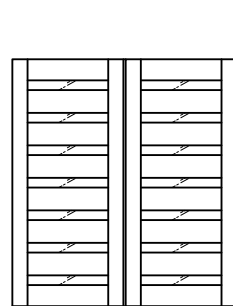
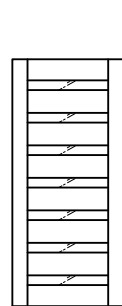
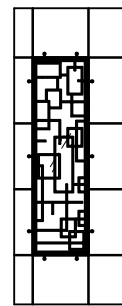


Madison



Seville

Urban



Milan

PROJECT #423-0308

The Door Store of America, Inc.
10681 World Trade Blvd
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Inswing
APPROVED CONFIGURATIONS

DRAWN BY: RJA

DATE: 10/10/2020

SCALE: N.T.S.

DRAWING NO: DSA0006

REV: A

SHEET: 19 OF 19

PTC PRODUCT DESIGN GROUP, LLC
10681 World Trade Blvd
Raleigh, NC 27617
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

