

PELLA CORPORATION

SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED AND IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE AND FLORIDA RESIDENTIAL CODE BASED ON TESTING TO THE PERFORMANCE STANDARDS LISTED BELOW AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORTS AND ASSOCIATED LABORATORY STAMPED DRAWINGS AS CERTIFIED BY WDMA AND DOCUMENTED IN THEIR HALLMARK CERTIFICATE OF CONFORMANCE AND LICENSE (CCL).

1.1. AAMA/WDMA/CSA 101/I.S. 2/A440-08

1.2. AAMA/WDMA/CSA 101/I.S. 2/A440-11
2. THIS PRODUCT EVALUATION DOCUMENT IS NOT FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY, 2X FRAMING AND METAL FRAMING SUBSTRATES AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.

4. 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 LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.

5. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, THIS PRODUCT SHALL USE AN IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE FBC REQUIREMENTS FOR WINDBORNE DEBRIS REGIONS.

6. SITE CONDITIONS NOT COVERED IN THIS PRODUCT EVALUATION DOCUMENT ARE SUBJECT TO ADDITIONAL ENGINEERING ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT.

7. BOUNDING BOX DIMENSIONS FOR GEOMETRIC FIXED WINDOW SHAPES MUST BE EQUAL TO OR LESS THAN RECTANGULAR DIMENSIONS SHOWN HEREIN.

8. WINDOW FRAME MATERIAL: VINYL (PVC)

9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.

10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING (AS APPLICABLE):

10.1. X: OPERABLE LITE, SASH OR PANEL

10.2. O: FIXED LITE, SASH OR PANEL

11. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING AND RESIDENTIAL CODES.

12. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCT'S CERTIFICATION SHALL CONTROL FOR THE INSTALLED WINDOW ASSEMBLY.

13. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOW IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER AND/OR THE INSTALLER.

14. SECTION VIEWS ARE SHOWN WITH ALUMINUM STIFFENER BARS INCLUDED IN THE SASH. EACH STIFFENER BAR MAY OR MAY NOT BE REQUIRED BASED ON UNIT SIZE AND DESIGN PRESSURE.

INSTALLATION NOTES:

1. PRODUCT ANCHORS SHALL BE AS DESIGNATED AND LOCATED AS SHOWN IN THIS PRODUCT EVALUATION DOCUMENT. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

2. SEE *INSTALLATION ANCHOR SCHEDULE* ON SHEET 2 FOR TYPE AND GRADE OF ANCHOR, AND/OR MANUFACTURER'S ANCHOR SPECIFICATIONS, INCLUDING MINIMUM NOMINAL SIZE, MINIMUM EMBEDMENT INTO SUBSTRATE AND MINIMUM EDGE DISTANCES.

2.1. EDGE DISTANCES SHALL BE MEASURED FROM CENTERLINE OF ANCHOR TO EDGE OF STRUCTURAL SUBSTRATE EITHER TO THE INTERIOR OR EXTERIOR OF THE FENESTRATION PRODUCT.

2.2. MINIMUM EMBEDMENT SHALL BE BASED ON PENETRATION INTO MAIN WIND FORCE RESISTING SYSTEM SUBSTRATE.

3. SEE SHEETS 5, 6 AND 7 FOR SPECIFIC ANCHOR INSTALLATION DETAILS.

4. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.

5. THE NUMBER OF INSTALLATION ANCHORS IS BASED ON THE MAXIMUM END DISTANCE (ED) AND THE MAXIMUM ON CENTER (O.C.) SPACING PLACEMENT OF ANCHORS IN ACCORDANCE WITH THE TABLES ON SHEET 2. END DISTANCES AND O.C. SPACINGS LESS THAN THAT SHOWN IN THE TABLES ON SHEET 2 ARE ACCEPTABLE.

6. MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF WOOD COMPOSITE, HIGH DENSITY PLASTIC OR SIMILAR LOAD BEARING MATERIAL.

6.1. FOR BLOCK & FLANGE FRAME INSTALLATIONS, SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR

6.2. FOR FIN FRAME INSTALLATIONS, SHIM 1/2" FROM EACH INTERIOR CORNER OF THE WINDOW, BENEATH INTEGRAL MULLION(S), AND 18" O.C. THEREAFTER.

7. FOR CONCRETE BLOCK APPLICATIONS DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS.

8. 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 IN THE *INSTALLATION ANCHOR SCHEDULE* ON SHEET 2.

SEE SHEET 2
FOR DESIGN
PRESSURES.
SEE GENERAL
NOTE 12 FOR
ADDITIONAL
REQUIREMENTS

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	---	GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS
2	---	ANCHOR SCHEDULES AND DP CHART
3 - 4	---	ELEVATIONS & ANCHOR LAYOUTS
5 - 7	---	INSTALLATION CROSS SECTIONS
8	---	BILL OF MATERIALS

PROJECT # 417-0804

PELLA CORPORATION

102 MAIN STREET

PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW

GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS

PREPARED BY: DATE: 06/15/11

DRAWN BY: TJH

SCALE: N.T.S.

REV: B

DRAWING NO: PELL0006

SHEET: 1 OF 8

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Date: 2018.08.22 12:58:14 -04'00'

INSTALLATION ANCHOR SCHEDULE							
WINDOW FRAME TYPE	FASTENER HEAD TYPE	FASTENER SIZE	SUBSTRATE	MANUFACTURER AND/OR SPECIFICATION	EMBEDMENT (IN) (2)	EDGE DISTANCE (IN) (2)	ANCHOR CAPACITIES BASED ON
NAILING FIN	ROOFING NAIL	11 GAUGE	WOOD	11 GAUGE ROOFING NAIL x 1-1/2" LONG	approximately 1-1/2"	3/8"	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42
FLANGE FRAME AND BLOCK FRAME USING THROUGH FRAME ANCHOR OR CLIP ANCHOR	FLAT OR HEX HEAD	3/16"	CONCRETE	ITW TAPCONS (1)	1-1/2"	1-1/8"	MIN. 2000 PSI CONCRETE
				ELCO ULTRACONS	1-3/8"	1"	MIN. 2500 PSI CONCRETE
				ELCO CRETE-FLEX SS4	2"	1-7/8"	MIN. 2500 PSI CONCRETE
			MASONRY (BLOCK/CMU)	HILTI KWIK-CON II	1-1/2"	1-1/8"	MIN. 2000 PSI CONCRETE
				ITW TAPCONS (1)	1"	2"	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT
				ELCO ULTRACONS	1-1/4"	1"	
				ELCO CRETE-FLEX SS4	1-1/4"	1-7/8"	
	FLAT OR PAN HEAD	NO. 10	WOOD	ANSI B18.6.1 (WOOD SCREW) (2)	1-1/2"	1"	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42
				ASME B18.6.4 (TAPPING SCREW) (2)			
			20 GAUGE (0.0346" MIN. THK.) STEEL INCLUDING STEEL STUDS	ASME B18.6.4 (TAPPING SCREW) (2)	FULLY PENETRATE SUBSTRATE WITH 3 THREADS PROTRUDING INTERNALLY	1"	ASTM A-653 STEEL, 33 KSI YIELD STRENGTH STEEL OR BETTER
			1/8" MIN. THK. STEEL	ASME B18.6.4 (TAPPING SCREW) (2)		1"	ASTM A-36 STEEL, 36 KSI YIELD STRENGTH STEEL OR BETTER
			0.060" MIN. THK. ALUMINUM	ASME B18.6.4 (TAPPING SCREW) (2)		1"	6063-T5 ALUMINUM OR BETTER

NOTES:
1) WHEN ITW TAPCONS ARE USED FOR CONCRETE/MASONRY INSTALLATION, THEY SHALL BE THE ADVANCED THREADFORM TECHNOLOGY TYPE.
2) FOR WOOD AND TAPPING SCREWS IF SPLITTING IS A CONCERN, DRILL 7/64" PILOT HOLE FOR FLANGE/BLOCK FRAME INSTALLATION OR 3/32" PILOT HOLE FOR NAILING FIN INSTALLATION.

NOTES:

1. **INSTALLATION ANCHOR SCHEDULE** TABLE LISTS APPROVED ANCHOR SPECIFICATIONS BASED ON THE WINDOW FRAME TYPE AND SUBSTRATE.
2. **4-1/2" FRAME - NAILING FIN & BLOCK/FLANGE FRAME INSTALLATION - SINGLE CONFIGURATION** TABLE LISTS THE FOLLOWING INFORMATION.

2.1. REQUIRED ANCHOR TYPE BASED ON SUBSTRATE.

2.2. END DISTANCE (ED) OF ANCHORS AT FRAME ENDS AS DIMENSIONED ON ELEVATION DRAWINGS.

2.3. MAXIMUM O.C. (ON CENTER) SPACING FOR ANCHORS BETWEEN THE FRAME END ANCHORS DIMENSIONED ON ELEVATION DRAWINGS.

2.3.1. QUANTITY OF ANCHORS BASED ON MEETING THE O.C. SPACING REQUIREMENTS.

2.4. MAXIMUM WINDOW SIZES (W x H)

2.5. MAXIMUM DESIGN PRESSURE (DP)
3. **4-1/2" FRAME - NAILING FIN & BLOCK/FLANGE FRAME INSTALLATION - TWIN & TRIPLE CONFIGURATION** TABLE LISTS THE FOLLOWING INFORMATION.

3.1. REQUIRED ANCHOR TYPE BASED ON SUBSTRATE.

3.2. END DISTANCE (ED) OF ANCHORS AT FRAME ENDS AS DIMENSIONED ON ELEVATION DRAWINGS.

3.3. MAXIMUM O.C. (ON CENTER) SPACING FOR ANCHORS BETWEEN THE FRAME END ANCHORS DIMENSIONED ON ELEVATION DRAWINGS.

3.3.1. QUANTITY OF ANCHORS BASED ON MEETING THE O.C. SPACING REQUIREMENTS.

3.4. MAXIMUM WINDOW SIZES (W x H)

3.5. MAXIMUM DESIGN PRESSURE (DP)

3.6. TRANSITION BAR (INTEGRAL MULLION) ANCHOR CLUSTER INCLUDING:

3.6.1. QUANTITY OF CLUSTERED ANCHORS, AND

3.6.2. MINIMUM SPACING OF CLUSTERED ANCHORS.

		4-1/2" FRAME - NAILING FIN & BLOCK/FLANGE FRAME INSTALLATION - SINGLE CONFIGURATION												
(IN)	ANCHOR CAPACITIES BASED ON	FRAME CONFIGURATION	ANCHOR (SEE ANCHOR SCHEDULE)	MAX. WINDOW SIZE		DP (psf)	END DISTANCE (ED) (in)		MAX. O.C. (in)					
	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42			W (in)	H (in)		HEAD/SILL	JAMBS	HEAD/SILL	JAMBS				
	MIN. 2000 PSI CONCRETE	NAILING FIN	11 GAUGE ROOFING NAIL	54	78	60	4	4	4	4				
	MIN. 2500 PSI CONCRETE			40	63	60								
	MIN. 2500 PSI CONCRETE													
	MIN. 2000 PSI CONCRETE	FLANGE FRAME AND BLOCK FRAME USING THROUGH FRAME ANCHOR OR CLIP ANCHOR	NO. 10 WS (ANSI B18.6.1)	54	78	40	6	6	14	16.5				
	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT			54	78	60				11.0				
				40	63	40				17.0				
				40	63	60								
				WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42	54	78				40	16.5			
	54				78	60								
	40				63	40				17.0				
	40				63	60								
	ASTM A-36 STEEL, 36 KSI			NO. 10 TAPPING SCREW (ASME B18.6.4)	40	63				40				
	ASTM A-36 STEEL, 36 KSI				40	63				60				
	ASTM A-36 STEEL, 36 KSI													
	ASTM A-36 STEEL, 36 KSI													

4-1/2" FRAME - NAILING FIN & BLOCK/FLANGE FRAME INSTALLATION - TWIN & TRIPLE CONFIGURATION										
FRAME CONFIGURATION	ANCHOR (SEE ANCHOR SCHEDULE)	MAX. WINDOW SIZE		DP (psf)	TRANSITION BAR ANCHOR CLUSTER AT HEAD/SILL		END DISTANCE (ED) (in)		MAX. O.C. (in)	
		W (in)	H (in)		Qty.	MIN O.C. (in)	HEAD/SILL	JAMBS	HEAD/SILL	JAMBS
NAILING FIN	11 GAUGE ROOFING NAIL	146	78	40	5	1	4	4	4	4
		146	78	60	7	1				
FLANGE FRAME AND BLOCK FRAME USING THROUGH FRAME ANCHOR OR CLIP ANCHOR	NO. 10 WS (ANSI B18.6.1)	146	78	40	5	1	6	6	18.5	15
		146	78	60	7	1				12
	3/16" CONCRETE SCREW	146	78	40	3	2	6	6	18.5	15
		146	78	60	5	2				
	NO. 10 TAPPING SCREW (ASME B18.6.4)	146	78	40	3	1	6	6	18.5	15
		146	78	60	5	1				

PROJECT # 417-0804

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW ANCHOR SCHEDULES AND DP CHART

PREPARED BY: TJH
DATE: 06/15/11
DRAWING NO: PELL0006
SHEET: 2 OF 8

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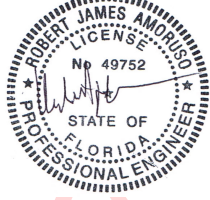
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW ANCHOR SCHEDULES AND DP CHART

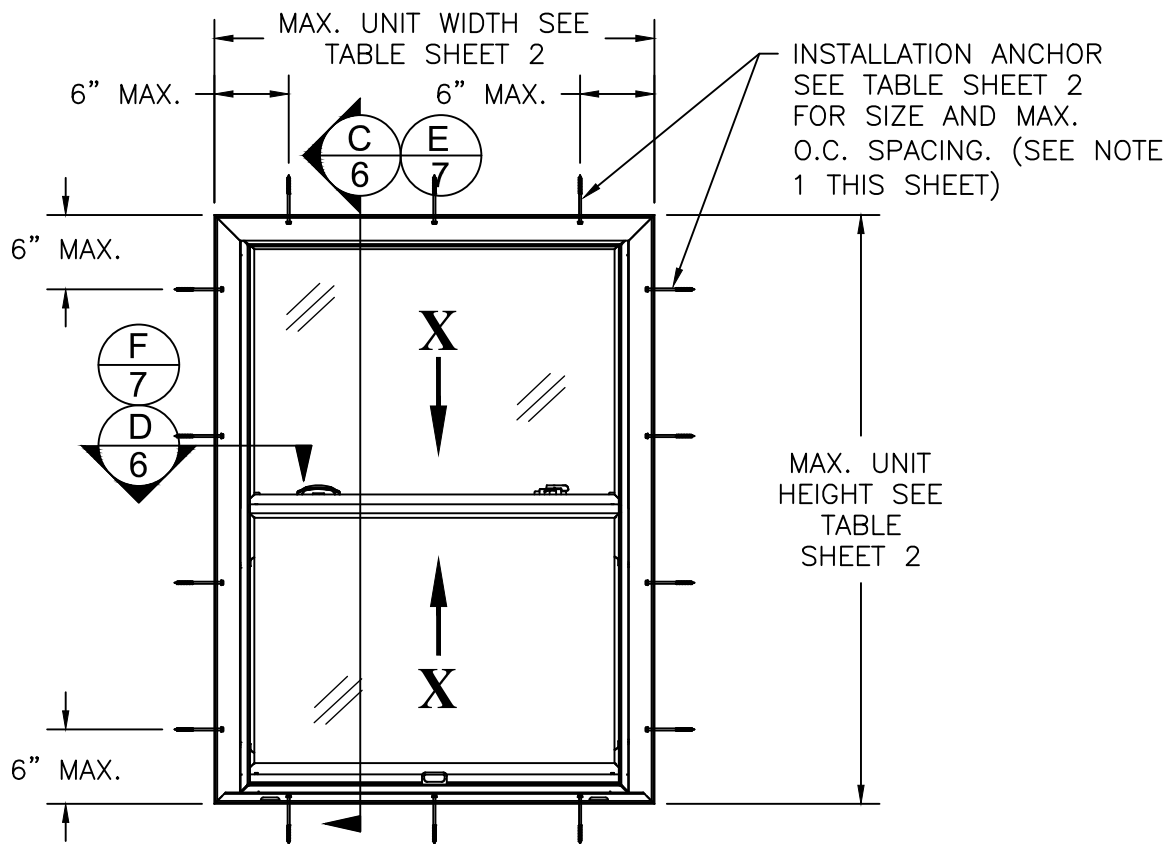
PREPARED BY: TJH
DATE: 06/15/11
DRAWING NO: PELL0006
SHEET: 2 OF 8

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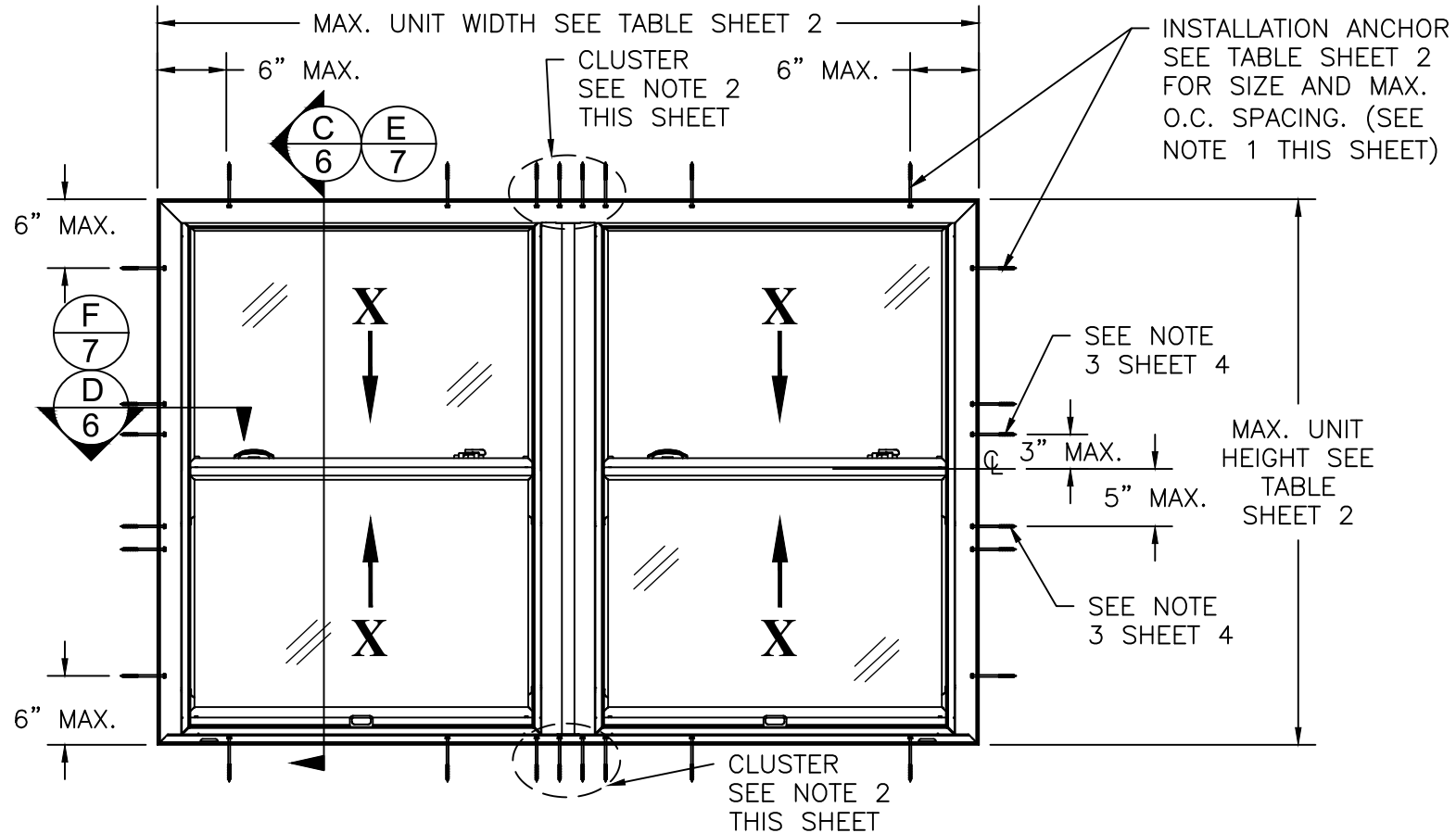
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



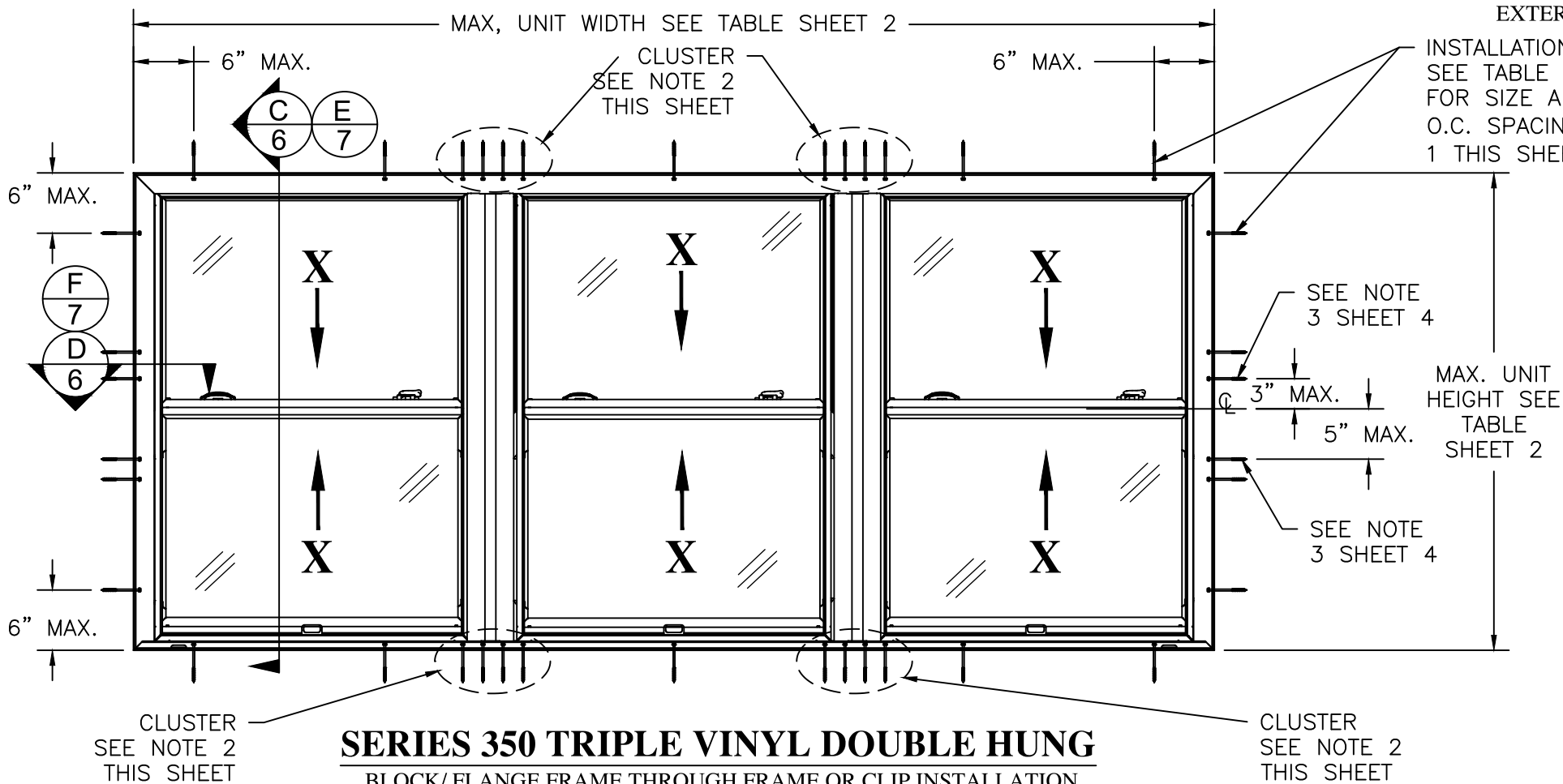
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SERIES 350 SINGLE VINYL DOUBLE HUNG
BLOCK/ FLANGE FRAME THROUGH FRAME OR CLIP INSTALLATION
EXTERIOR VIEW



SERIES 350 TWIN VINYL DOUBLE HUNG
BLOCK/ FLANGE FRAME THROUGH FRAME OR CLIP INSTALLATION
EXTERIOR VIEW



SERIES 350 TRIPLE VINYL DOUBLE HUNG
BLOCK/ FLANGE FRAME THROUGH FRAME OR CLIP INSTALLATION
EXTERIOR VIEW
SEE NOTE 4 SHEET 4

NOTES:

1. QUANTITY OF ANCHORS BASED ON MEETING THE O.C. SPACING REQUIREMENTS SHOW ON SHEET 2 TABLES.
2. SEE SHEET 2 FOR CLUSTERED ANCHOR QUANTITIES AND MINIMUM SPACING. CLUSTERED ANCHORS SHALL BE EVENLY GROUPED ON EACH SIDE OF THE INTERNAL MULLION AND SPACED 3" FROM THE MULL CENTERLINE. SUBSEQUENT SPACING BETWEEN ANCHORS SHALL BE AS INDICATED ON SHEET 2 TABLES.
3. ALL FRAME SIZES IN THE TWIN AND TRIPLE CONFIGURATION WILL HAVE (1) INSTALLATION ANCHOR 3" ABOVE AND 5" BELOW MEETING RAIL CENTER LINE.
4. ANY DOUBLE HUNG WINDOW IN A TRIPLE CONFIGURATION MAY BE REPLACED WITH A FIXED WINDOW AS QUALIFIED BY TESTING AND CERTIFIED BY THIS PRODUCT APPROVAL DOCUMENT.

PROJECT # 417-0804

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW
THROUGH FRAME AND CLIP FRAME ELEVATIONS & ANCHORS
PREPARED BY: T.J.H.
DATE: 06/15/11
SCALE: N.T.S.
REV: B

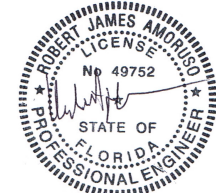
GENERAL UPDATE
8/22/18
RJA

GENERAL UPDATE
1/9/15
RJA

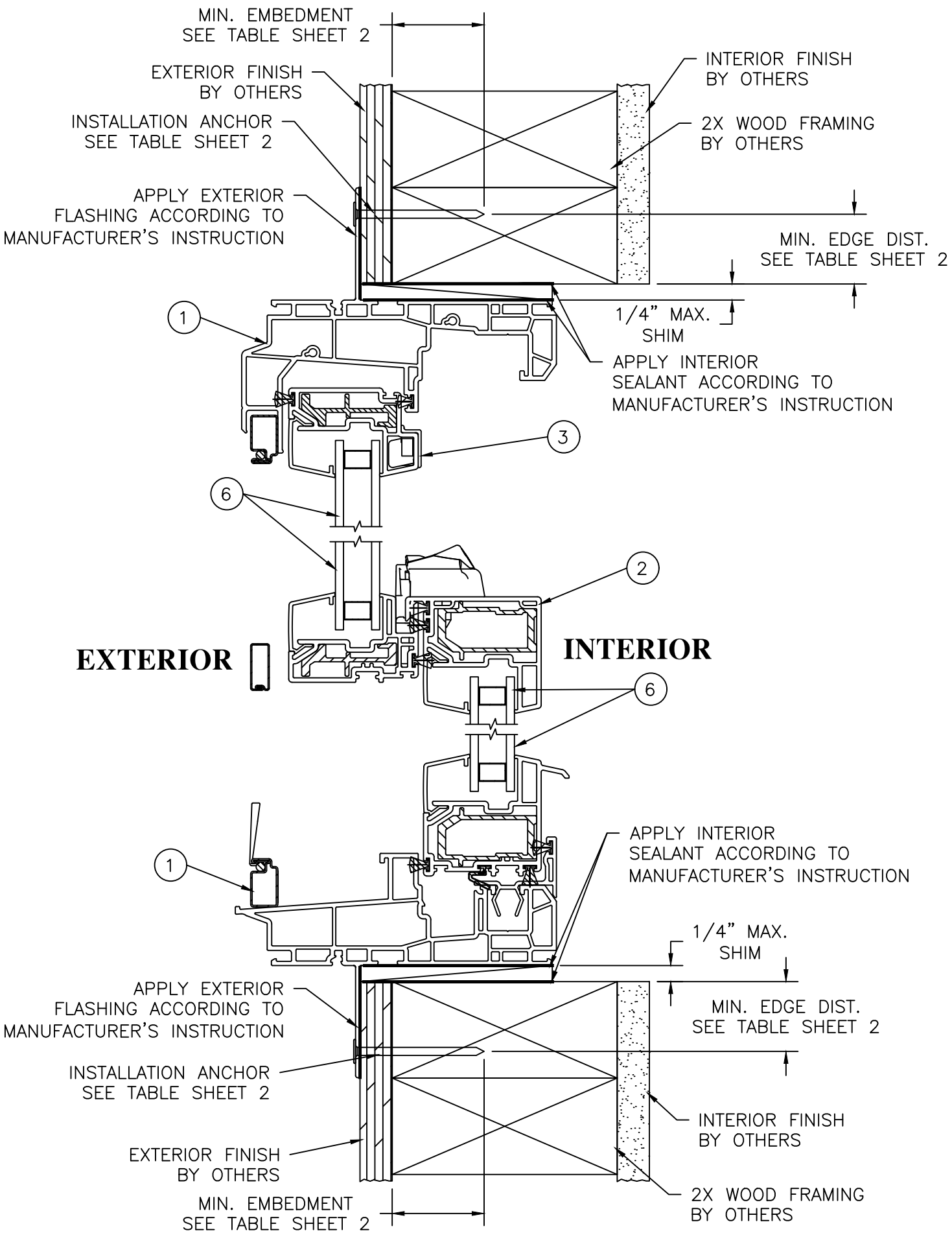
DESCRIPTION
REV
DATE
BY

SHEET: 4 OF 8

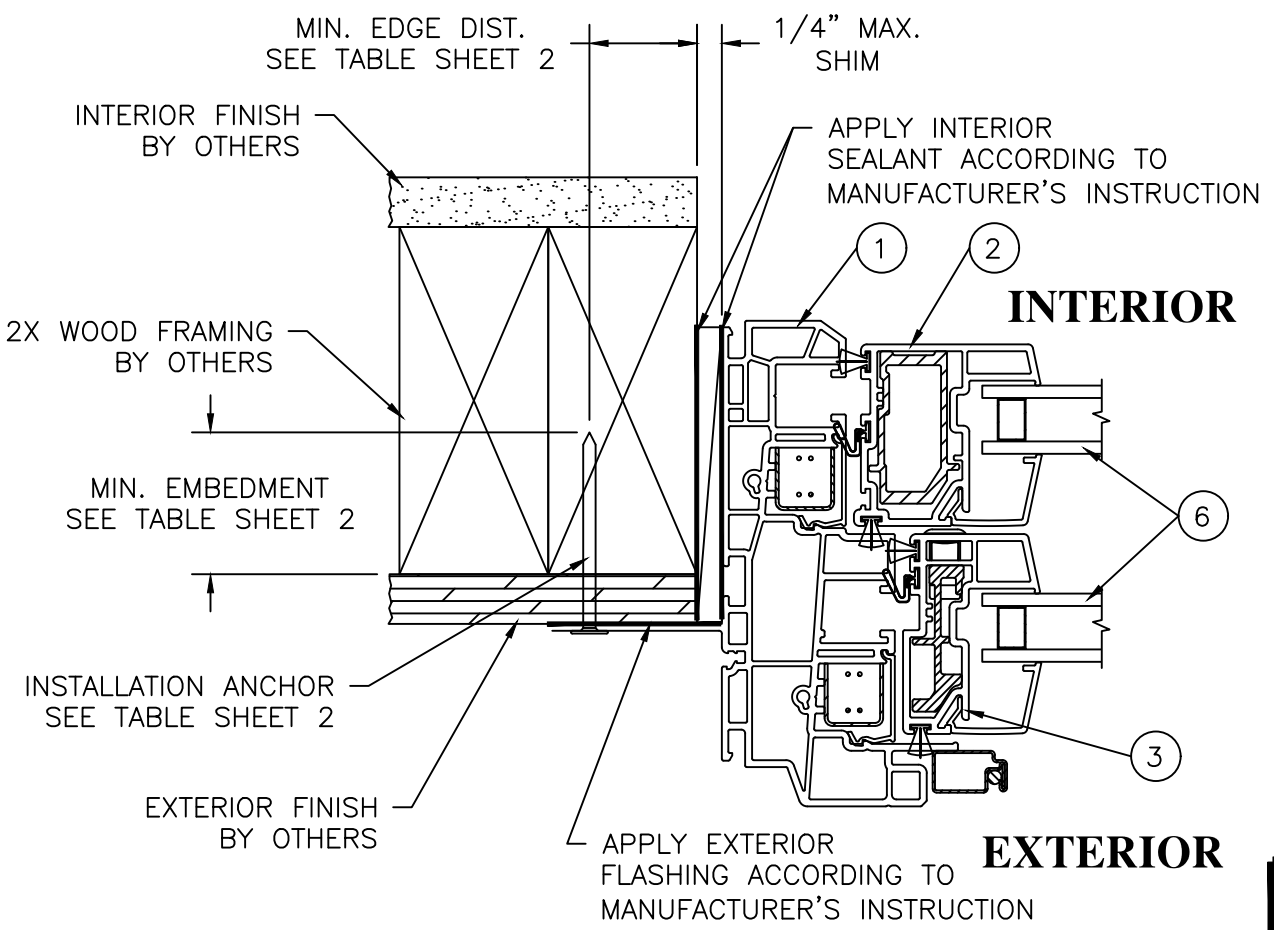
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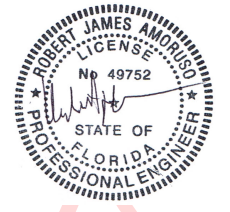
A VERTICAL CROSS SECTION
5 FIN INSTALLATION



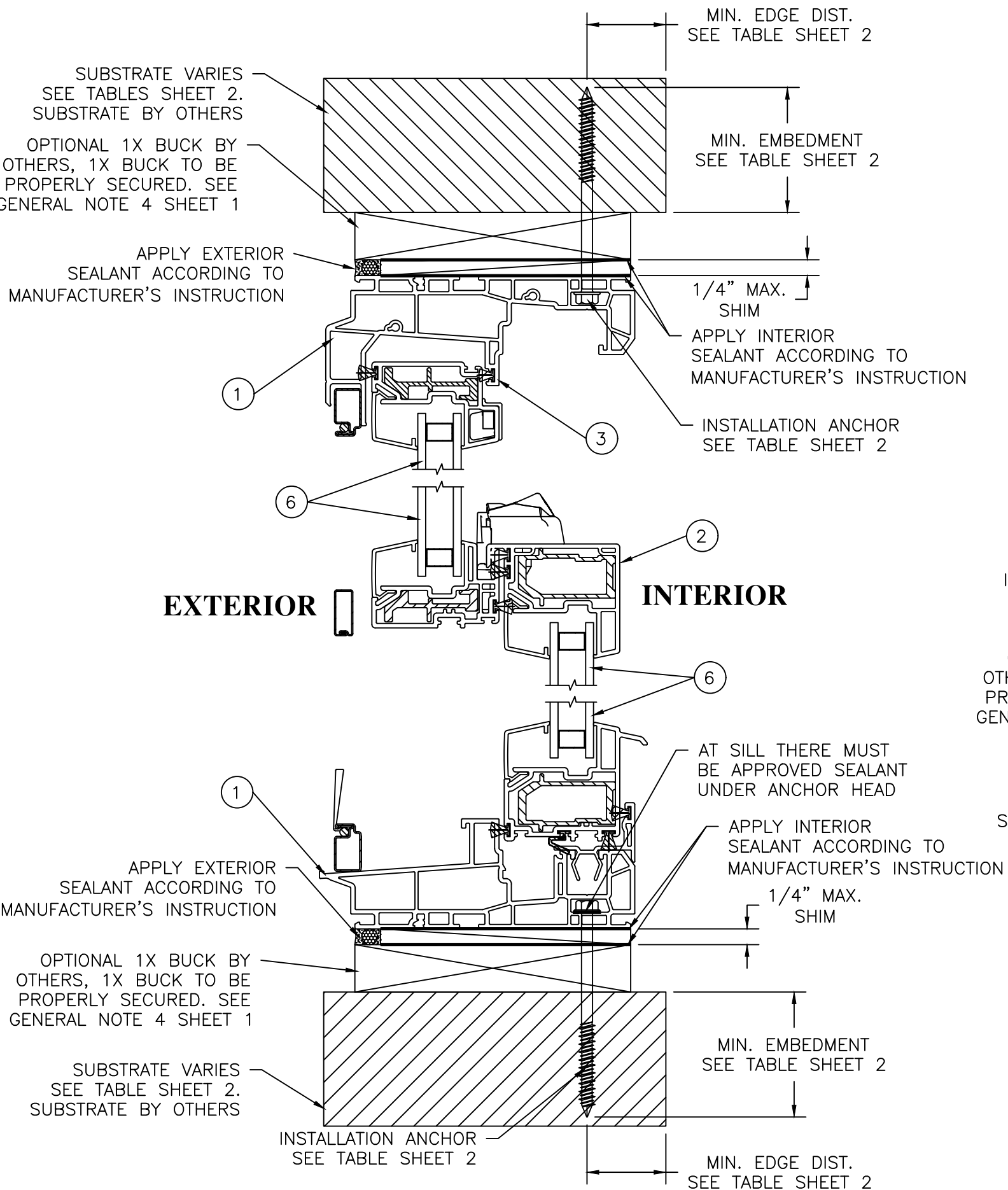
B HORIZONTAL CROSS SECTION
5 FIN INSTALLATION

PROJECT # 417-0804				RJA	BY
				8/22/18	DATE
	GENERAL UPDATE			A	1/9/15
	GENERAL UPDATE			REV	DESCRIPTION
PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219		TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW FIN INSTALLATION CROSS SECTIONS		DATE: 06/15/11	5 OF 8
DRAWN BY: TJH		SCALE: N.T.S.		DRAWING NO: PELL0006	REV: B
PREPARED BY:		PTC 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	

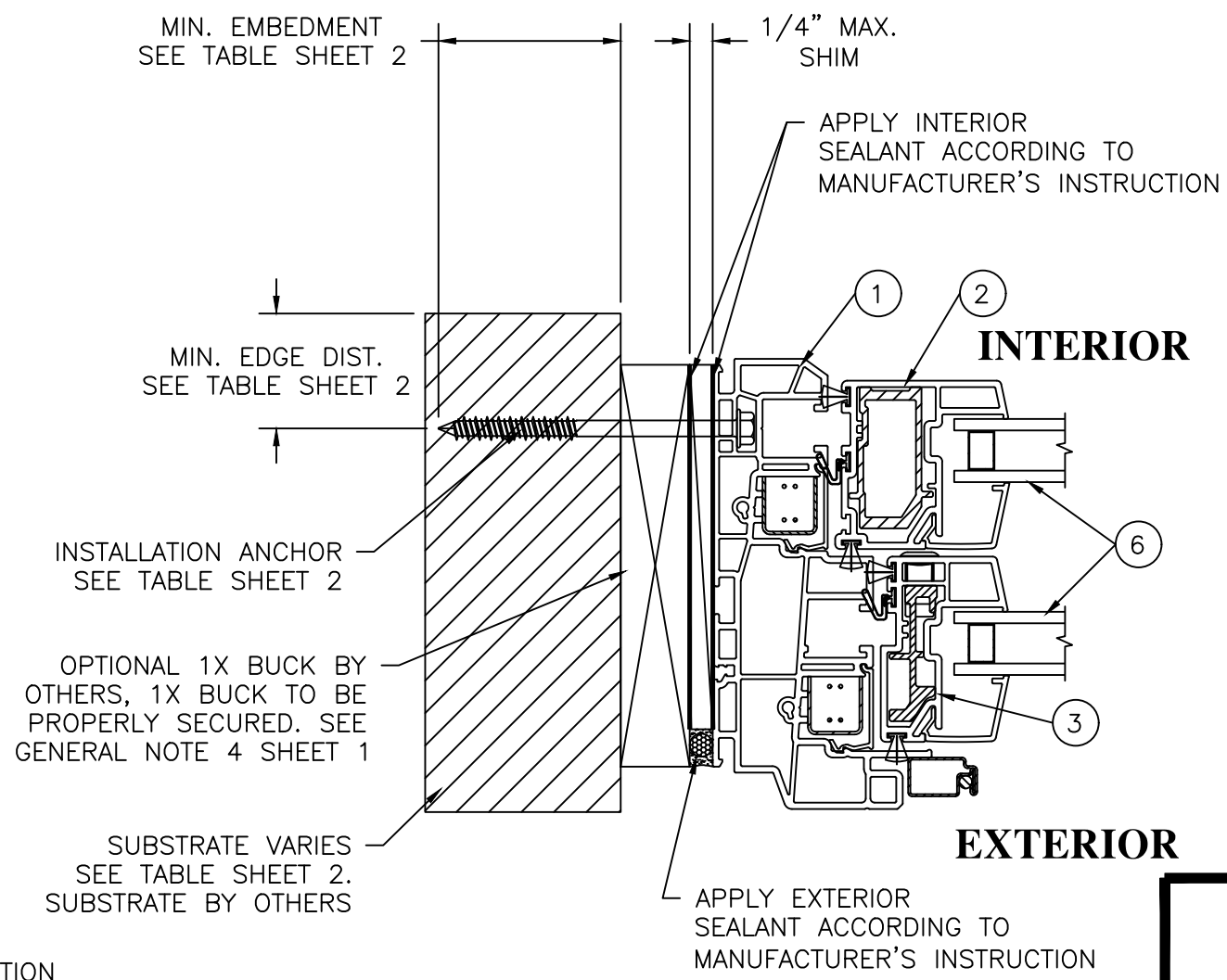
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C
6 **VERTICAL CROSS SECTION**
BLOCK/FLANGE FRAME THROUGH FRAME INSTALLATION

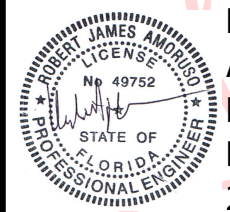


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6 **HORIZONTAL CROSS SECTION**
BLOCK/FLANGE FRAME THROUGH FRAME INSTALLATION

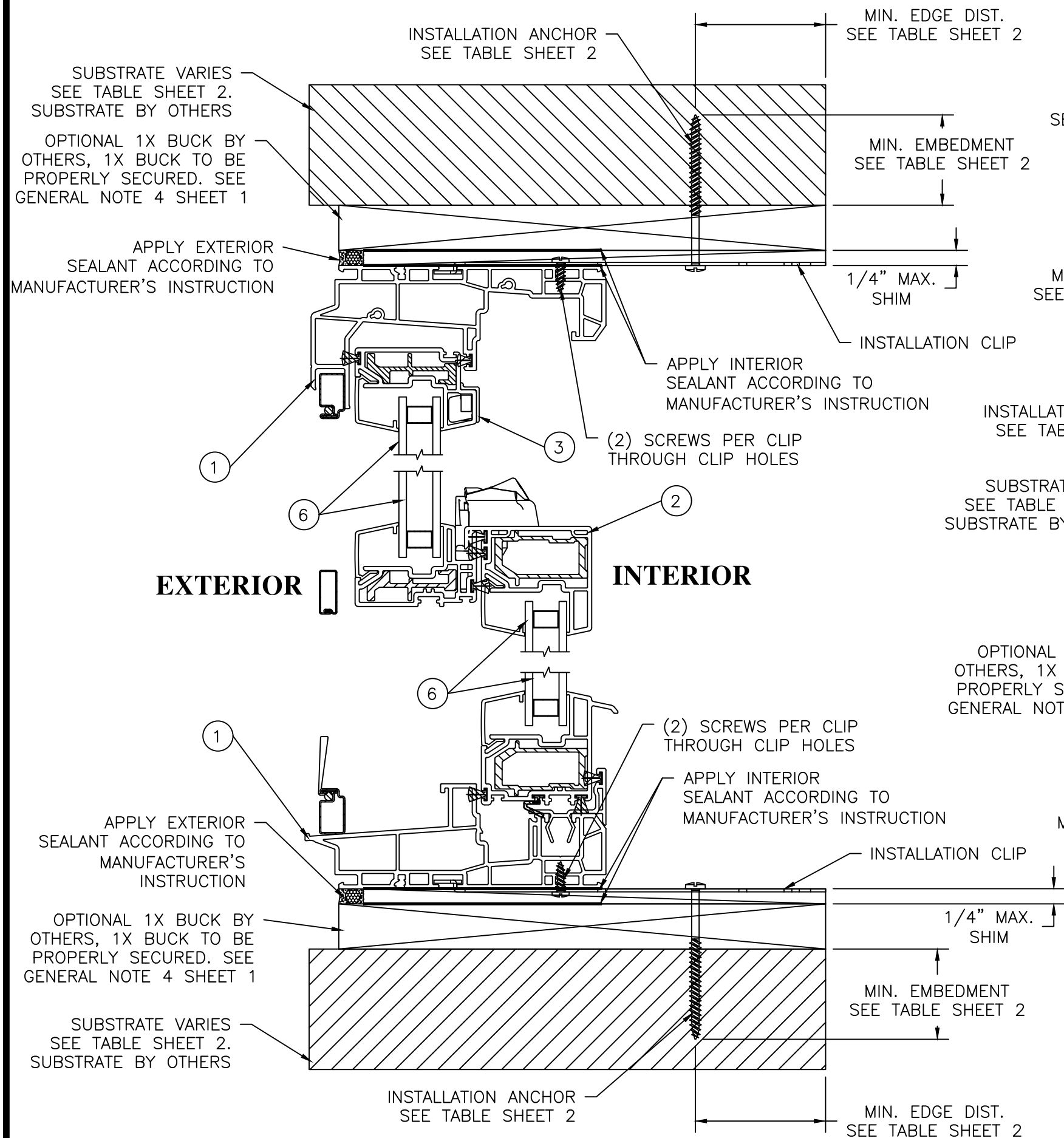
PROJECT # 417-0804				RJA	BY
				8/22/18	DATE
		GENERAL UPDATE		1/9/15	
		GENERAL UPDATE			
			DESCRIPTION		
		B	A	REV	

PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219		TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW THROUGH FRAME INSTALLATION CROSS SECTIONS		DATE: 06/15/11	DRAWING NO: PELL0006
PREPARED BY: TJH	SCALE: N.T.S.	DATE: 06/15/11	DRAWING NO: PELL0006	SHEET: 6 OF 8	REV: B
PTC 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			

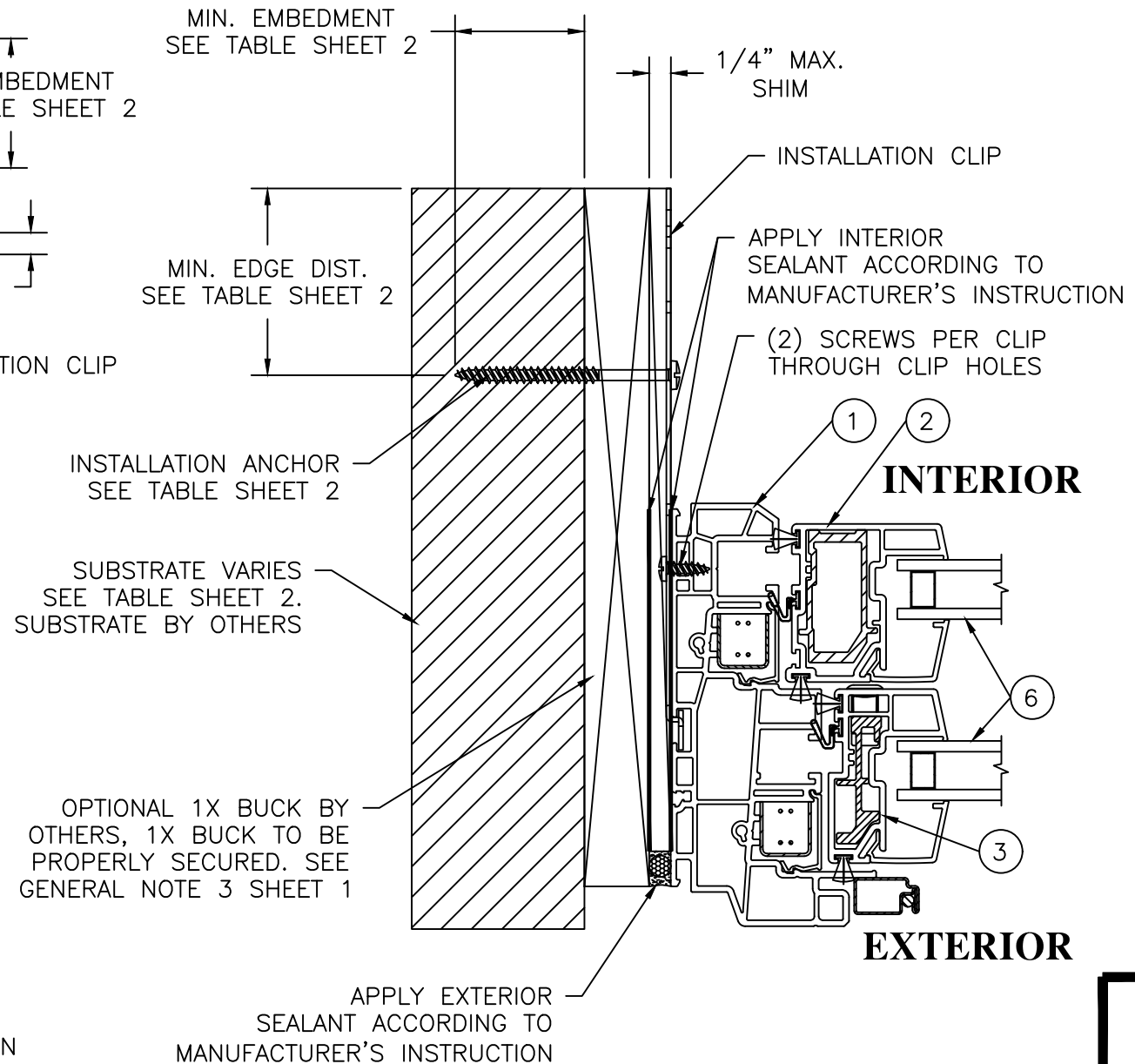
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E
7 **VERTICAL CROSS SECTION**
BLOCK/FLANGE FRAME CLIP INSTALLATION



F
7 **HORIZONTAL CROSS SECTION**
BLOCK/FLANGE FRAME CLIP INSTALLATION

PROJECT # 417-0804

		RJA	BY
	8/22/18	RJA	DATE
B	GENERAL UPDATE	A	DESCRIPTION
A	GENERAL UPDATE	REV	

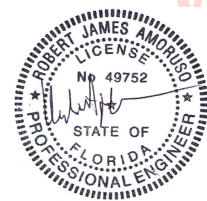
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW
CLIP INSTALLATION CROSS SECTIONS

DATE:	06/15/11	DRAWING NO:	PELL0006	SHEET:	7 OF 8
DRAWN BY:	TJH	SCALE:	N.T.S.	REV:	B

PREPARED BY: PTC
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Robert J.
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2018.08.22
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BILL OF MATERIALS				
ITEM NO.	DESCRIPTION	QTY		
		1 WIDE	2 WIDE	3 WIDE
1	FRAME ASSEMBLY	1	1	1
2	LOWER SASH ASSEMBLY	1	2	3
3	UPPER SASH ASSEMBLY	1	2	3
4	HALF SCREEN ASSEMBLY	1 (OPT)	2 (OPT)	3 (OPT)
5	FULL SCREEN ASSEMBLY	1 (OPT)	2 (OPT)	3 (OPT)
6 (SEE NOTE BELOW)	11/16" IG ASSEMBLY (SHOWN)	1 (OPT)	--	--
	1" IG ASSEMBLY	1 (OPT)	--	--
	1 1/4" TRIPLE IG ASSEMBLY	--	1	--
7	11/16" VENT GLAZING BEAD, RAIL, WITH WEEPS (SHOWN)	1 (OPT)	--	--
	1" VENT GLAZING BEAD, RAIL, WITH WEEPS	1 (OPT)	--	--
	1 1/4" TRIPLE GLAZING BEAD, RAIL, WITH WEEPS	--	1	--
8	11/16" VENT GLAZING BEAD, RAIL (SHOWN)	1 (OPT)	--	--
	1" VENT GLAZING BEAD, RAIL	1 (OPT)	--	--
	1 1/4" TRIPLE GLAZING BEAD, RAIL	--	1	--
9	11/16" VENT GLAZING BEAD, STILE (SHOWN)	2 (OPT)	--	--
	1" VENT GLAZING BEAD, STILE	2 (OPT)	--	--
	1 1/4" TRIPLE GLAZING BEAD, STILE	--	2	--
10	GLAZING SEALANT			

NOTE:
1 GLASS THICKNESS IS BASED ON PERFORMANCE GRADE RATING AND SIZE OF WINDOW PER ASTM E1300.

PROJECT # 417-0804

GENERAL UPDATE

B

8/22/18

RJA

GENERAL UPDATE

A

1/9/15

RJA

DESCRIPTION

REV

DATE

BY

PELLA CORPORATION

102 MAIN STREET

PELLA, IA 50219

TITLE:

SERIES 350 4-1/2" VINYL DOUBLE HUNG WINDOW

BILL OF MATERIALS

PREPARED BY:

TJH

DATE:

06/15/11

SCALE:

N.T.S.

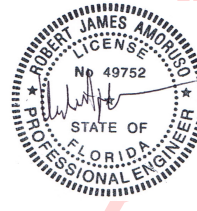
SHEET:

6 OF 8



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Florida P.E. No. 49752



Digitally signed by Robert J. Amoruso, P.E.
Date: 2018.08.22 12:59:51 -04'00'