

KAYCAN LTD

ALUMINUM SOFFIT - SOLID AND VENTED WITH SINGLE SPANS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED AND DESIGNED TO COMPLY WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE- BUILDING AND RESIDENTIAL VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES SHOWN ON THIS SHEET (SEE TABLE). THESE PRODUCTS WERE TESTED TO ASTM E330-02. STRUCTURAL TEST RESULTS BASED ON ASTM E330-02 WERE DIVIDED BY 1.5 AS REQUIRED BY THE BUILDING CODE.

2. DESIGN PRESSURE (DP) RATINGS SHOWN ON THIS SHEET ARE DOCUMENTED AT TWO EAVE WIDTHS.

2.1. FOR EAVE WIDTHS THE SAME AS THE MINIMUM AND MAXIMUM RANGES SHOWN, THE DP FOR THAT EAVE WIDTH SHALL APPLY.

2.2. FOR EAVE WIDTHS LESS THAN THE MINIMUM SHOWN, THE DP AT THE MINIMUM EAVE WIDTH SHALL APPLY.

2.3. FOR EAVE WIDTHS GREATER THAN THE MINIMUM BUT LESS THAN THE MAXIMUM SHOWN, THE DP MAY BE LINEARLY INTERPOLATED.

2.4. EAVE WIDTHS GREATER THAN THE MAXIMUM EAVE WIDTH SHOWN ARE NOT ALLOWED.

3. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED FENESTRATION TESTING LABORATORY, INC. TESTING REPORT NO. 7367, DATED 6/1/13 AND NO. 7329, DATED 5/21/13 INCLUDING ASSOCIATED LABORATORY STAMPED DRAWINGS.

4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE, MASONRY AND WOOD FRAMING COMPRISING THE ATTACHMENT SUBSTRATE FOR THE SOFFIT SHALL BE DETERMINED TO BE CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THAT STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD FOR THE PROJECT.

5. OVERHANGS RECEIVING SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY. DAMAGE, CRACKS OR DEFECTS THAT MAY PRECLUDE THE SOFFIT FROM PERFORMING ITS INTENDED FUNCTIONS SHALL BE ELIMINATED.

6. INSTALLATION OF SOFFIT AND ACCESSORIES SUCH AS CORNER POSTS, STARTER STRIPS, AND TRIM AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES AND THE MANUFACTURER'S INSTRUCTIONS.

7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT

8. SOFFIT SHALL BE LABELED IN ACCORDANCE WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE.

9. SOFFIT NET FREE AREA IN ACCORDANCE WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE ARE SHOWN IN THE APPROVED SOFFIT SCHEDULE ON SHEET 2.

10. MATERIALS:

10.1. KAYCAN BUILDING PRODUCTS ALUMINUM SOFFIT AND TRIM IS MANUFACTURED FROM ALUMINUM ALLOY WITH ASTM E8 TESTED TENSILE STRENGTH OF 21 KSI AND YIELD STRENGTH OF 9.86 KSI.

10.2. SEE SHEET 2 FOR SOFFIT SPECIFICATIONS.

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2	APPROVED ALUMINUM SOFFIT AND TRIM SCHEDULE INSTALLATION FASTENER SCHEDULE
3 TO 5	SOFFIT AND ACCESSORY PROFILES
6	SOFFIT INSTALLATION CROSS SECTION
7	WALL SIDE – STAPLE DETAIL
8	WALL SIDE – NAIL DETAIL
9	FASCIA SIDE DETAIL

INSTALLATION NOTES:

1. ANCHORS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.

2. INSTALLATION ANCHORS SHALL BE AS SHOWN ON THE INSTALLATION FASTENER SCHEDULE ON SHEET 2 AND IN INSTALLATION DETAILS ON SHEETS 6 THROUGH 9.

3. MINIMUM EMBEDMENT EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING). EDGE DISTANCES SHALL BE SUCH TO PREVENTIVE CRACKING OF SUBSTRATE MATERIAL.

4. ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.

DESIGN PRESSURE (PSF) RATING		
ALUMINUM SOFFIT SERIES	EAVE WIDTH (IN)	DESIGN PRESSURE (PSF)
SP–600 16” SOLID SOFFIT SP–600 16” VENTED SOFFIT	12	+93.3/–40
	24	+80/–36.7
12” SOLID 3 PANEL SOFFIT 12” VENTED 3 PANEL SOFFIT	12	+106.7/–46.7
	24	+93.3/–40
DESIGN PRESSURE RATINGS SHOWN ABOVE SHALL BE COMPARED TO LOADING BASED ON Vasd BASIC WIND SPEEDS. THUS PROJECT DESIGN PRESSURES AS DETERMINED FROM ASCE 7 BASED ON Vult BASIC WIND SPEEDS ARE PERMITTED TO BE MULTIPLIED BY 0.6 PER THE CURRENT EDITION OF THE FLORIDA BUILDING CODE FOR COMPARISON TO THE DESIGN PRESSURE RATINGS ABOVE.		

PROJECT #419-1115

UPDATE INSTALLATION

12/28/20

RJA

UPDATE NOTES

9/14/20

RJA

CORRECT TYPOS

3/9/2020

RJA

DESCRIPTION

DATE

BY

KAYCAN LTD

1 MEMORIAL DRIVE

RICHFORD, VT 05476

ALUMINUM SOFFIT INSTALLATION

GENERAL NOTES AND SPECIFICATIONS

DRAWN BY: RJA

DATE: 11/27/17

SCALE: N.T.S.

DRAWING NO: KAY0014

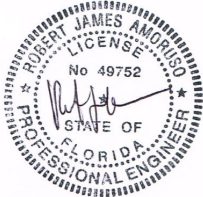
REV: C

SHEET: 1 OF 9



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APPROVED ALUMINUM SOFFIT AND TRIM SCHEDULE

Kaycan Aluminum Soffit Product					
Product	Kaycan Catalog Product Code	Panel Length (in)	Thickness (in)	Net Free Area (sq. in./lineal ft.)	Net Free Area (sq. in./sq. ft.)
SP-600 16" Solid Soffit	606	144	0.015	n/a	n/a
SP-600 16" Vented Soffit	605	144	0.015	21.8	17.3
12" Solid 3 Panel Soffit	9518	144	0.015	n/a	n/a
12" Vented 3 Panel Soffit	9517	144	0.015	6.57	6.57
Channel/Trim (Aluminum)	1029, J-Channel	n/a	0.022	n/a	n/a
4" Fascia Trim (Aluminum)	9700	n/a	0.022	n/a	n/a

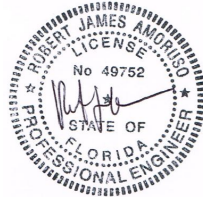
INSTALLATION FASTENER SCHEDULE

INSTALLATION FASTENER SCHEDULE					
Wall Side					
J-Channel (Trim)					
Component	Substrate	Installation Detail	Fastener	Min. Embedment (Note 1)	Max. Spacing
J-Channel	Wood Wall	B	Min. 1/8" (0.12") Dia. Nail with 3/8" Head Dia.	1-1/2"	24"
		A	16 GA. X 7/16" Width Crown Staple 1" Min. Length	7/8"	12"
	Concrete or Masonry (CMU Block) Wall	A & B	Min. 0.097" Diameter Hardened T-Nail	1"	24"
2x2 Nominal	Wood	A & B	#8 x 3" FH Wood Screw or Tapping Screw	1-1/2"	24"
Wood Batten	Concrete or Masonry (CMU Block) Wall	A & B	3/16" ITW Tapcon Concrete Screw	1"	24"
Fascia Side					
Soffit					
Component	Substrate	Installation Detail	Fastener	Min. Embedment (Note 1)	Max. Spacing
Soffit & J-Channel	Wood Batten (Wall Side)	B	Min. 1/8" (0.12") Dia. Nail with 3/8" Head Dia.	1-1/2"	Located at Soffit Nail Hem and Each Soffit Panel Valley
		A	16 GA. X 7/16" Width Crown Staple 1" Min. Length	7/8"	
Soffit	Wood (Fascia Side)	C	16 GA. X 7/16" Width Crown Staple 1" Min. Length	7/8"	
Fascia (Trim)					
Component	Substrate	Installation Detail	Fastener	Min. Embedment (Note 1)	Max. Spacing
Fascia	Wood	C	1-3/4" Long x 0.072" Dia. Trim Nail Stainless Steel	1-3/4"	48"
Note 1: Embedment based on nominal length of fastener through soffit or channel into supporting substrate w/o wall finishes. Where wall finishes are present, the fastener length will be increased as required to maintain embedment depth into supporting substrate.					

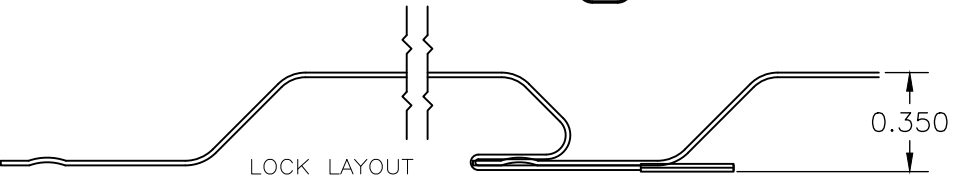
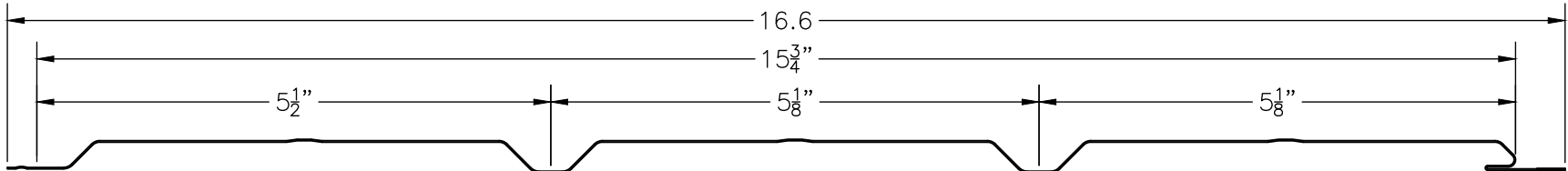
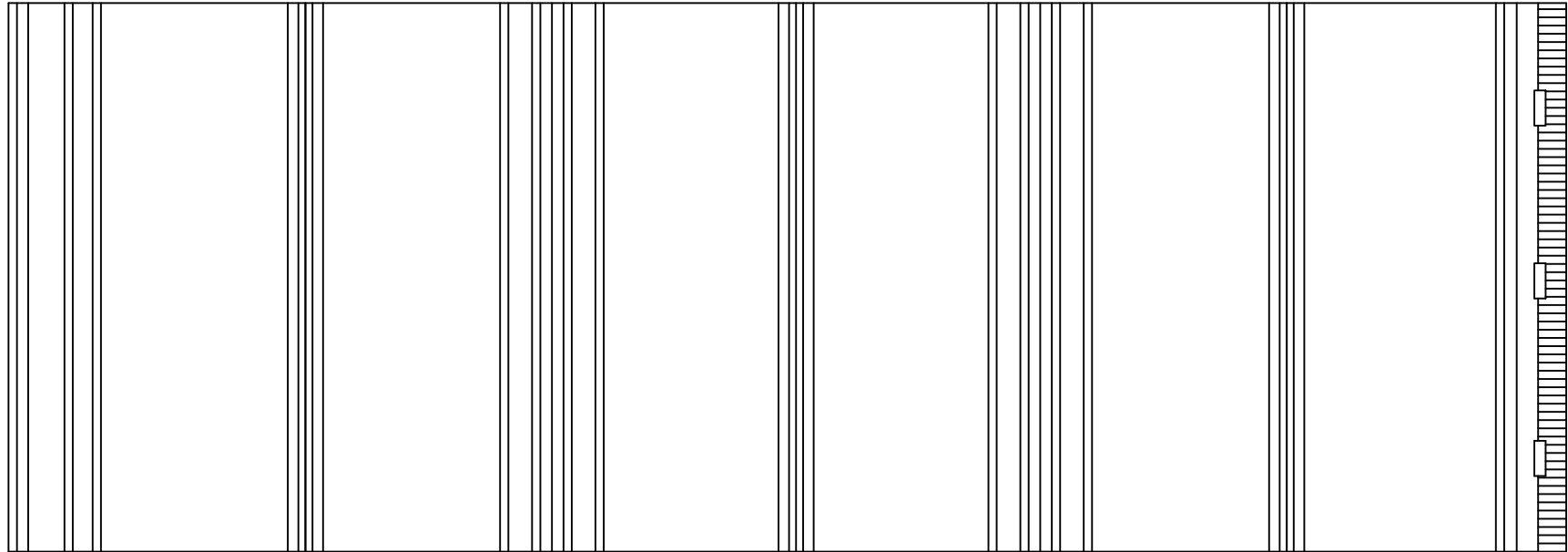
PROJECT #419-1115		RJA	RJA	RJA	BY
		12/28/20	9/14/20	3/9/2020	DATE
		UPDATE INSTALLATION	UPDATE NOTES	CORRECT TYPOS	DESCRIPTION
		C	B	A	REV

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476	ALUMINUM SOFFIT INSTALLATION APPROVED ALUMINUM SOFFIT & TRIM SCHEDULE, INSTALLATION FASTENER SCHEDULE		DATE: 11/27/17	DRAWING NO: KAY0014	SHEET: 2 OF 9
			DRAWN BY: RJA	SCALE: N.T.S.	REV: C
					
			PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com		

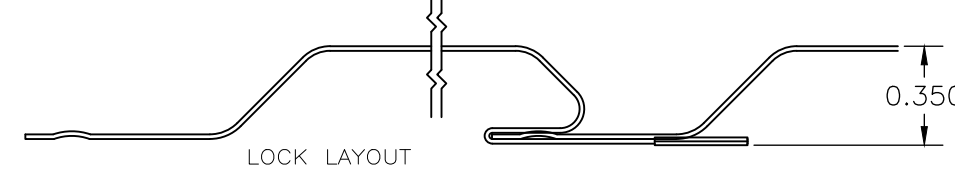
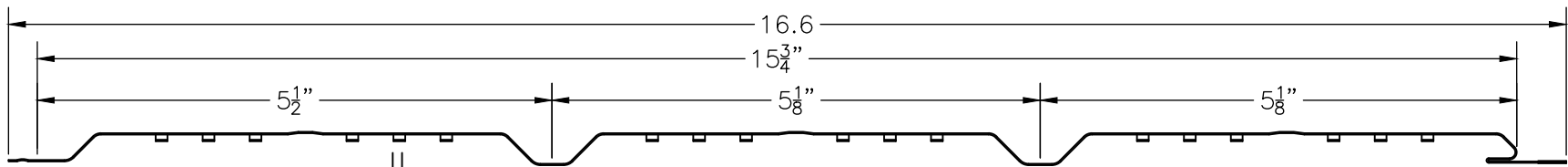
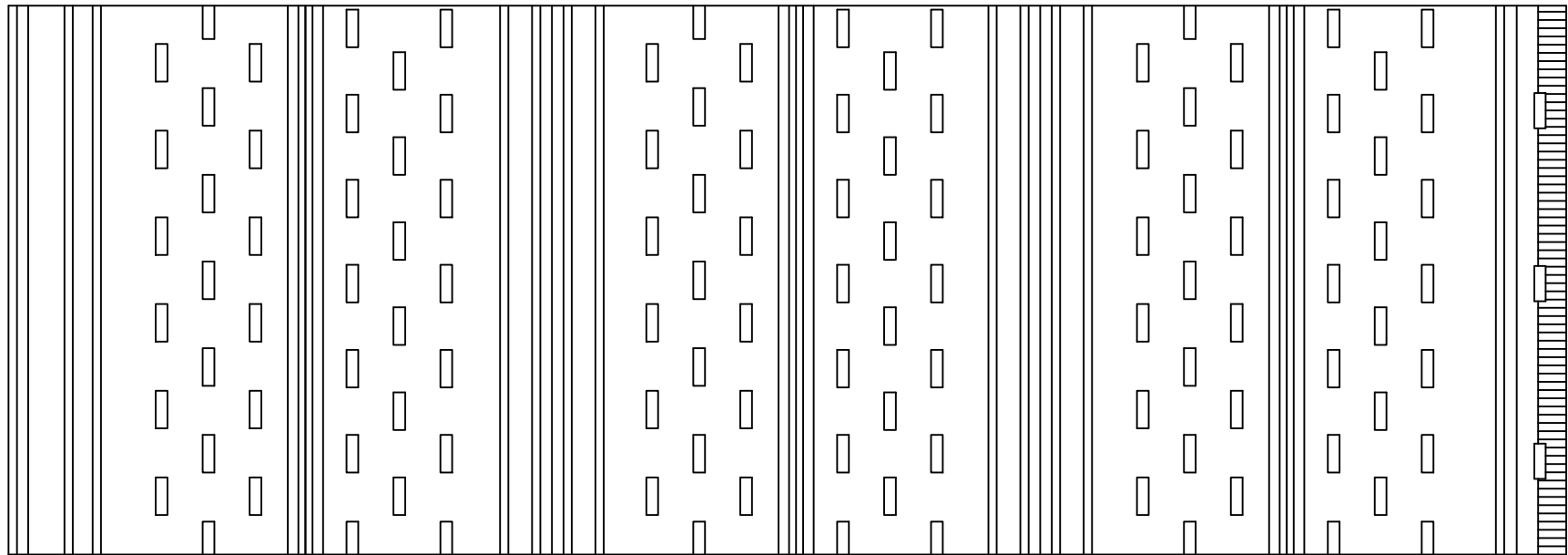
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SP-600 16" SOLID
SOFFIT – ALUMINUM



SP-600 16" VENTED
SOFFIT – ALUMINUM

PROJECT #419-1115			
C	UPDATE INSTALLATION	12/28/20	RJA
B	UPDATE NOTES	9/14/20	RJA
A	CORRECT TYPOS	3/9/2020	RJA
REV	DESCRIPTION	DATE	BY

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			
ALUMINUM SOFFIT INSTALLATION			
SP-600 16" SOLID & VENTED SOFFIT - ALUMINUM			
DATE:	11/27/17	DRAWING NO:	KAY0014
DRAWN BY:	RJA	SCALE:	N.T.S.
REV:	C	SHEET:	3 OF 9

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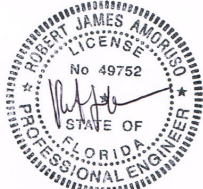
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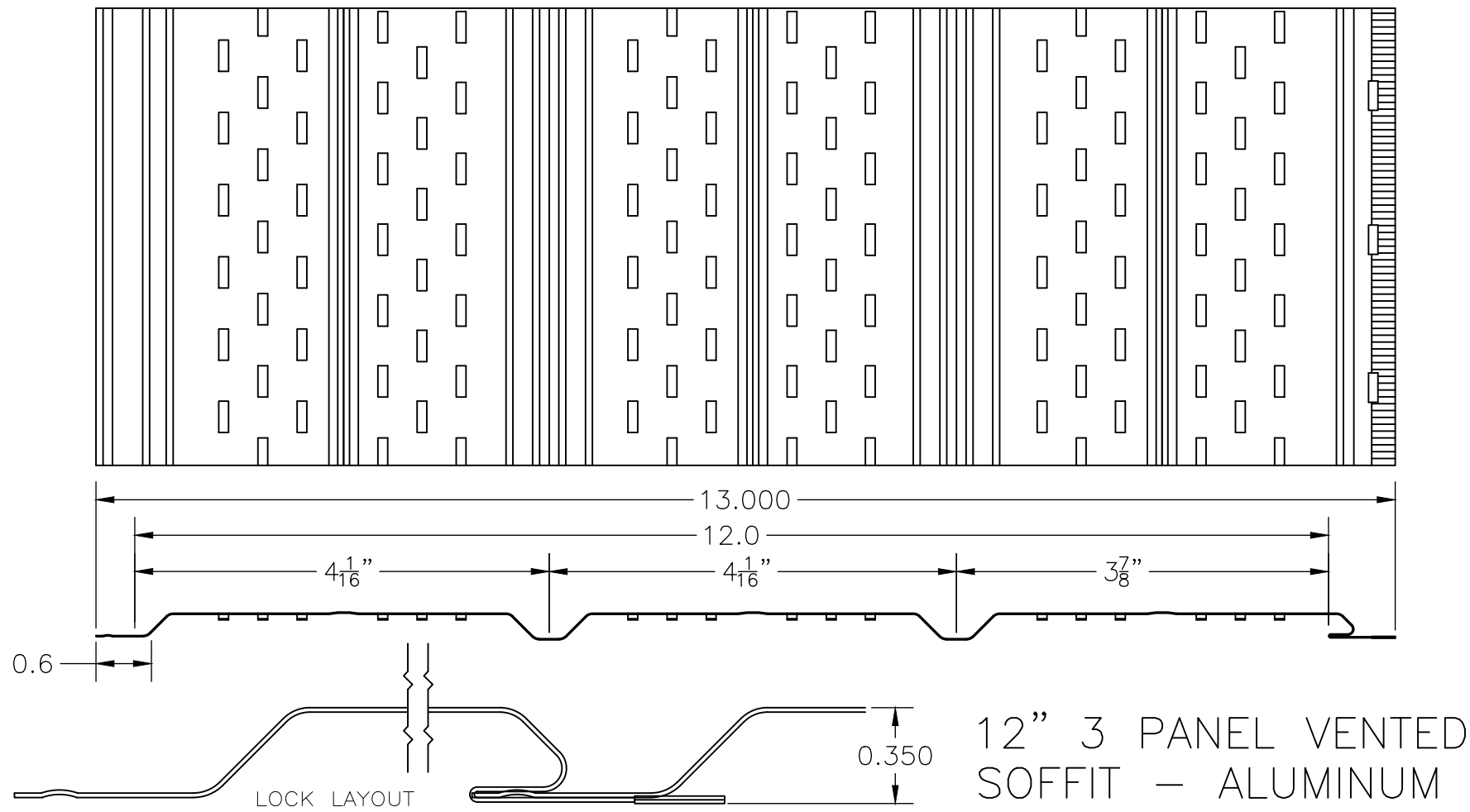
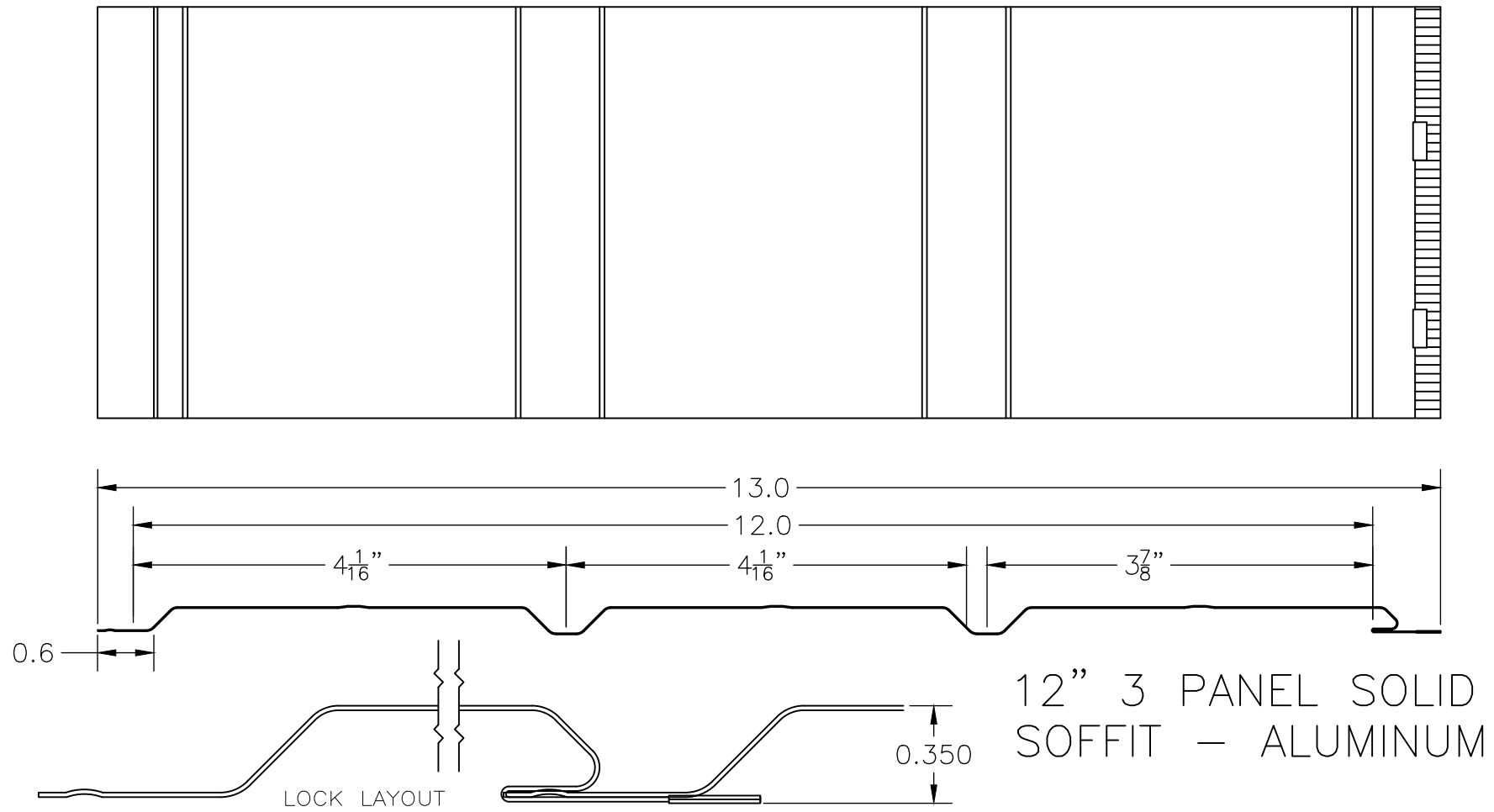
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PROJECT #419-1115			
C	UPDATE INSTALLATION	12/28/20	RJA
B	UPDATE NOTES	9/14/20	RJA
A	CORRECT TYPOS	3/9/2020	RJA
REV	DESCRIPTION	DATE	BY

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			
ALUMINUM SOFFIT INSTALLATION			
12" 3 PANEL SOLID & VENTED SOFFIT - ALUMINUM			
DATE:	11/27/17	DRAWING NO:	KAY0014
DRAWN BY:	RJA	SCALE:	N.T.S.
REV:	C	SHEET:	4 OF 9

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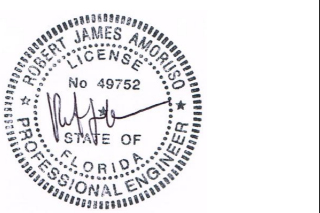
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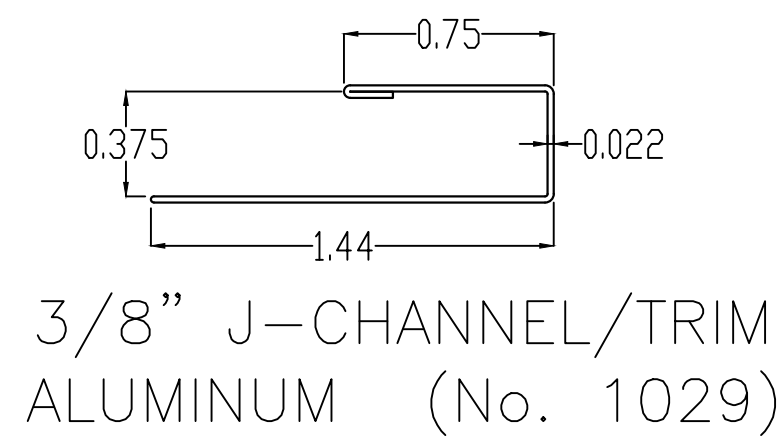
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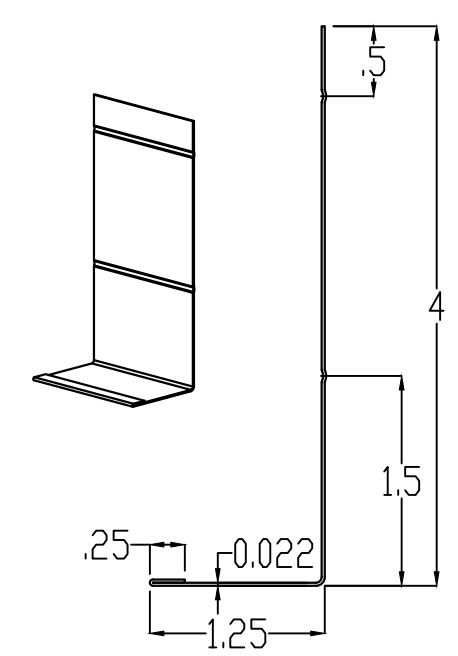
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3/8" J-CHANNEL/TRIM
ALUMINUM (No. 1029)



4" FASCIA SMOOTH
ALUMINUM (No. 9700)

PROJECT #419-1115			
C	UPDATE INSTALLATION	12/28/20	RJA
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A	CORRECT TYPOS	3/9/2020	RJA
REV	DESCRIPTION	DATE	BY

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

ALUMINUM SOFFIT INSTALLATION
SOFFI AND FASCIA TRIM

TITLE:

PREPARED BY:

DRAWN BY: RJA

SCALE: N.T.S.

DATE: 11/27/17

DRAWING NO: KAY0014

REV: C

SHEET: 5 OF 9

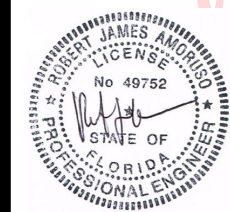
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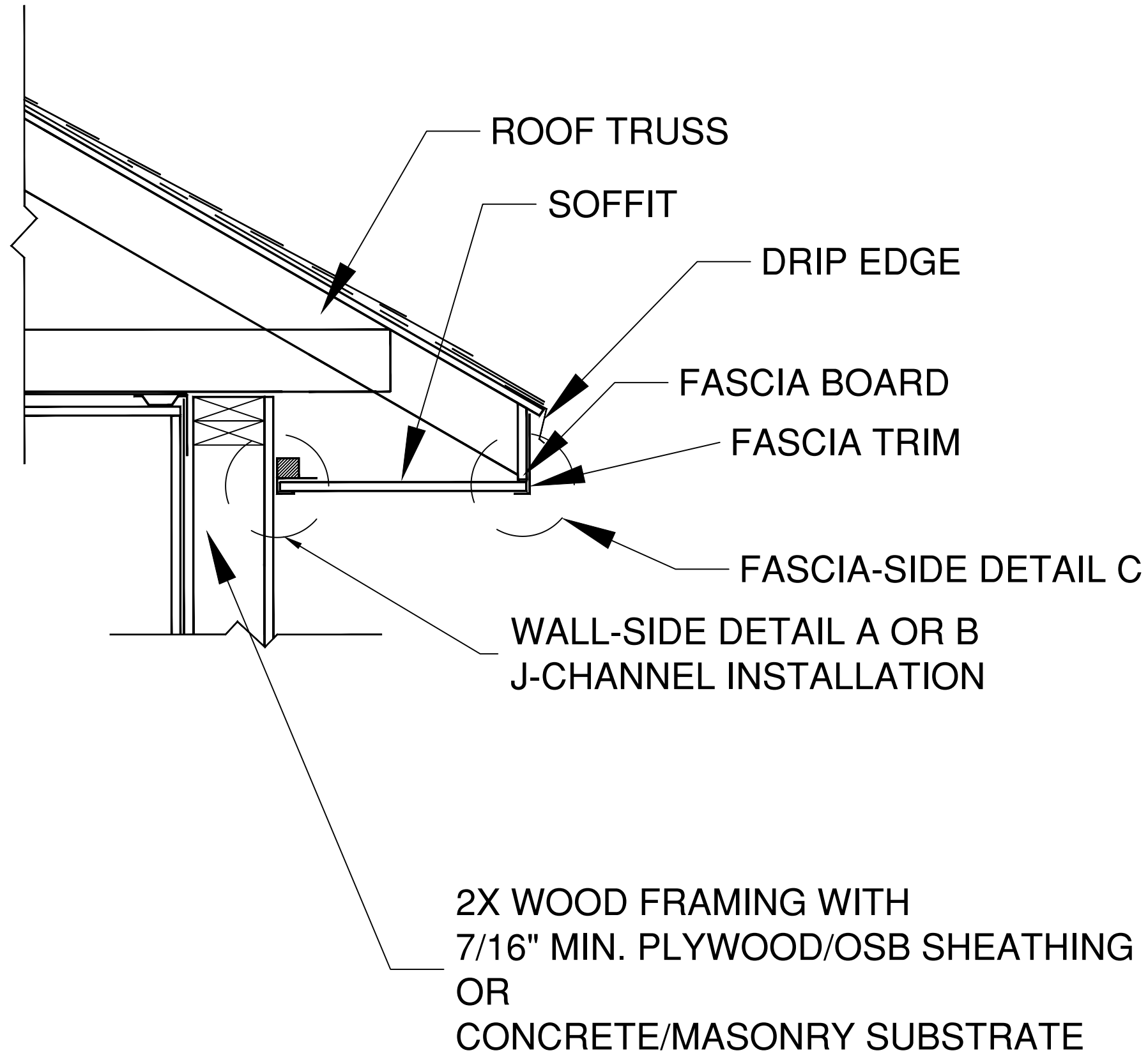
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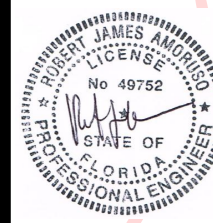
ROOF/ WALL INTERFACE DETAIL

WOOD OR MASONRY/CONCRETE SUBSTRATE

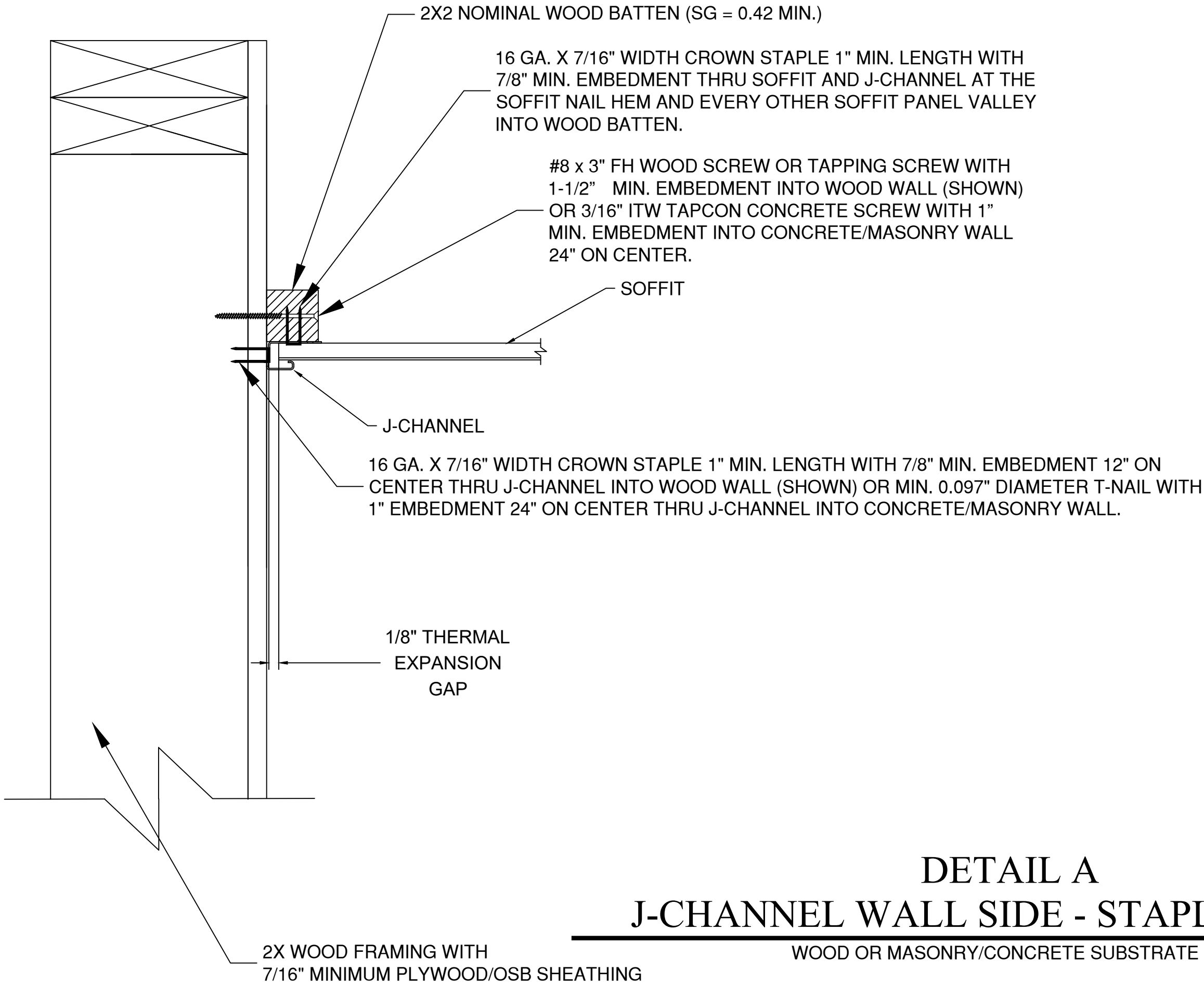
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REV	DESCRIPTION	DATE	BY
C	UPDATE INSTALLATION	12/28/20	RJA
B	UPDATE NOTES	9/14/20	RJA
A	CORRECT TYPES	3/9/2020	RJA

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			
ALUMINUM SOFFIT INSTALLATION SOFFIT INSTALLATION CROSS SECTION			
TITLE:			
PREPARED BY:		DRAWN BY:	DATE:
		RJA	11/27/17
		SCALE:	DRAWING NO:
		N.T.S.	KAY0014
		REV:	SHEET:
		C	6 OF 9
PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com			

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DETAIL A

J-CHANNEL WALL SIDE - STAPLE DETAIL

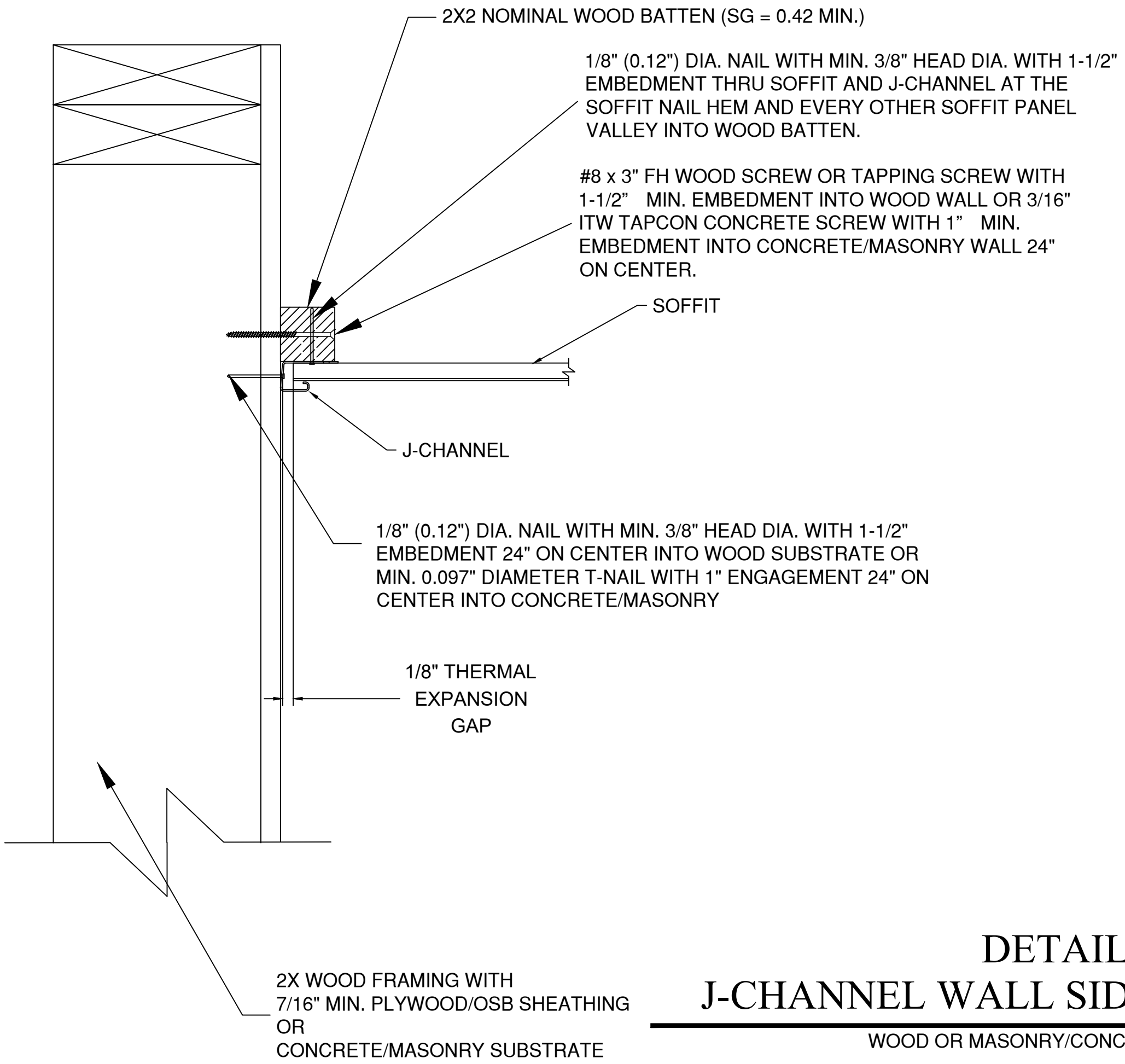
PROJECT #419-1115	
C	UPDATE INSTALLATION
B	UPDATE NOTES
A	CORRECT TYPES
REV	DESCRIPTION
12/28/20	RJA
9/14/20	RJA
3/9/2020	RJA
DATE	BY

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476	
ALUMINUM SOFFIT INSTALLATION J-CHANNEL WALL SIDE - STAPLE DETAIL	
DRAWN BY: RJA	DATE: 11/27/17
SCALE: N.T.S.	DRAWING NO: KAY0014
REV: C	SHEET: 7 OF 9

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DETAIL B

J-CHANNEL WALL SIDE - NAIL DETAIL

WOOD OR MASONRY/CONCRETE SUBSTRATE

PROJECT #419-1115		KAYCAN LTD		1 MEMORIAL DRIVE		RICHFORD, VT 05476		ALUMINUM SOFFIT INSTALLATION		J-CHANNEL WALL SIDE - NAIL DETAIL		DATE: 11/27/17		DRAWING NO: KAY0014		SHEET: 8 OF 9	
C	UPDATE INSTALLATION	B	UPDATE NOTES	A	CORRECT TYPOS	REV	DESCRIPTION	DATE	BY	12/28/20	RJA	9/14/20	RJA	3/9/2020	RJA	DATE	BY

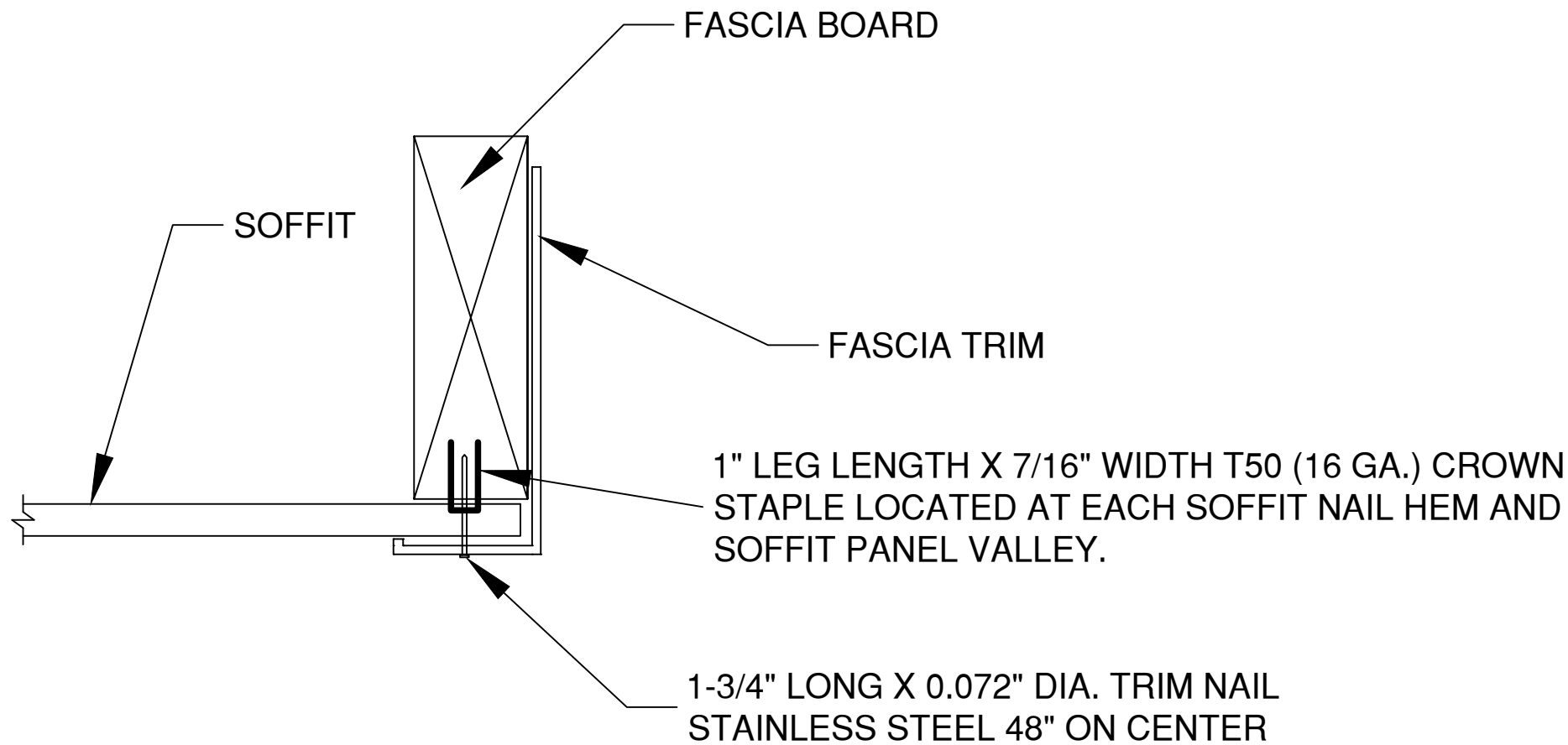
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DETAIL C

FASCIA SIDE DETAIL

WOOD OR MASONRY/CONCRETE SUBSTRATE



PROJECT #419-1115			
C	UPDATE INSTALLATION	12/28/20	RJA
B	UPDATE NOTES	9/14/20	RJA
A	CORRECT TYPOS	3/9/2020	RJA
REV	DESCRIPTION	DATE	BY

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476		ALUMINUM SOFFIT INSTALLATION FASCIA SIDE DETAIL	
TITLE:	DRAWN BY: RJA	DATE: 11/27/17	DRAWING NO: KAY0014
PREPARED BY:	SCALE: N.T.S.	REV: C	SHEET: 9 OF 9
PTC PRODUCT DESIGN GROUP, LLC Longwood, FL 32752-0775 P.O. Box 520775 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com FBPE Cert. of Auth. No. 25935			

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