

KAYCAN LTD

SP-600 ALUMINUM SOFFIT - VENTED

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 SHEET 1. THESE PRODUCTS WERE TESTED TO ASTM E330-14. STRUCTURAL TEST RESULTS BASED ON ASTM E330-14 WERE DIVIDED BY 1.5 AS REQUIRED BY THE BUILDING CODE.
2. DESIGN PRESSURE (DP) RATINGS SHOWN ON THIS SHEET ARE BASED ON TESTING 10" AND 16" EAVE WIDTHS IN SINGLE SPANS AND INTERPOLATING RESULTS INBETWEEN. SPAN WIDTHS AT 10", 12", 12.75", 14" AND 16" ARE SHOWN ON SHEET 13.
3. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON TESTING PERFORMED AT MOLIMO ARCHITECTURAL PRODUCT TESTING, 11410 EDEN ROAD, YORK, PA, REPORT NO. 2875.01-10611, DATED 4/13/21 AND REPORT NO. 3080.01-106-11, DATED 9/1/21.
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. SUCH DEFECTS SHALL BE ELIMINATED PRIOR TO SOFFIT INSTALLATION.
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 THE FLORIDA BUILDING CODE.
9. SOFFIT NET FREE AREA IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE ARE SHOWN BELOW.

9.1. NET FREE AREA = 21.8 SQ. IN./LINEAL FT.

9.2. NET FREE AREA = 17.3 SQ. IN./SQ. FT.
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.

FASTENER SCHEDULE				
FASTENER DESCRIPTION	BILL OF MATERIAL ID (SHEET 11)	SUBSTRATE	MIN. EMBEDMENT (SEE NOTE 1)	EDGE DISTANCE
18 GA. X 1/4" WIDTH CROWN STAPLE 1" MIN. LENGTH	4	WOOD	7/8"	1/4"
11 GA. x 1-1/2" ROOFING NAIL (1/8" SHANK, 3/8" HEAD DIAMETER)	5	WOOD	7/8"	1/4"
0.075" DIAMETER X 1-1/2" TRIM NAIL WITH 3/16" HEAD DIAMETER	6	WOOD	1"	1/4"
16 GA. X 7/16" WIDTH CROWN STAPLE 1" MIN. LENGTH	7	WOOD	7/8"	1/4"
0.097" DIAMETER x 1" T-NAIL	10	WOOD	1"	1/4"
14 GA. DIAMETER x 5/8" T-NAIL	11	WOOD	5/8"	1/4"
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. SIDING WALL THICKNESS IS NOT INCLUDED IN WALL FINISH THICKNESS.				

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	GENERAL NOTES - FASTENER SCHEDULE
2	SOFFIT SPAN FASTENER SPACING - OPTION 1
3	SOFFIT SPAN FASTENER SPACING - OPTION 2
4	INSTALLATION DETAILS 1A THRU 1E
5	INSTALLATION DETAILS 2A THRU 2E
6	INSTALLATION DETAILS 3A THRU 3E
7	INSTALLATION DETAILS 4A THRU 4E
8	INSTALLATION DETAILS 5A THRU 5E
9	INSTALLATION DETAILS 6A THRU 6E
10	INSTALLATION DETAILS 7A THRU 7C
11	SOFFIT PROFILE
12	CHANNEL AND FASCIA PROFILES / BOM / SOFFIT SCHEDULE
13	SOFFIT LOAD SPANS AND INSTALLATION DETAILS

PROJECT #421-0702

KAYCAN LTD

1 MEMORIAL DRIVE

RICHFORD, VT 05476

TITLE:

SP-600 ALUMINUM SOFFIT SINGLE SPAN

GENERAL NOTES - FASTENER SCHEDULE

PREPARED BY:

RJA

DATE:

6/4/21

DRAWING NO:

KAY0016

SHEET:

1 OF 13

SCALE:

N.T.S.

REV:

A

ADD NEW TESTING RESULTS AND INSTALLATION DETAILS

8/31/21

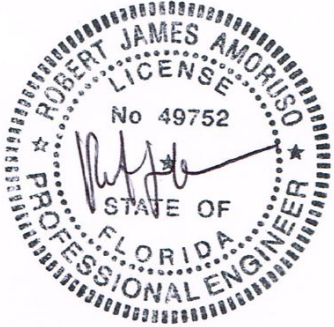
RJA

DATE

BY

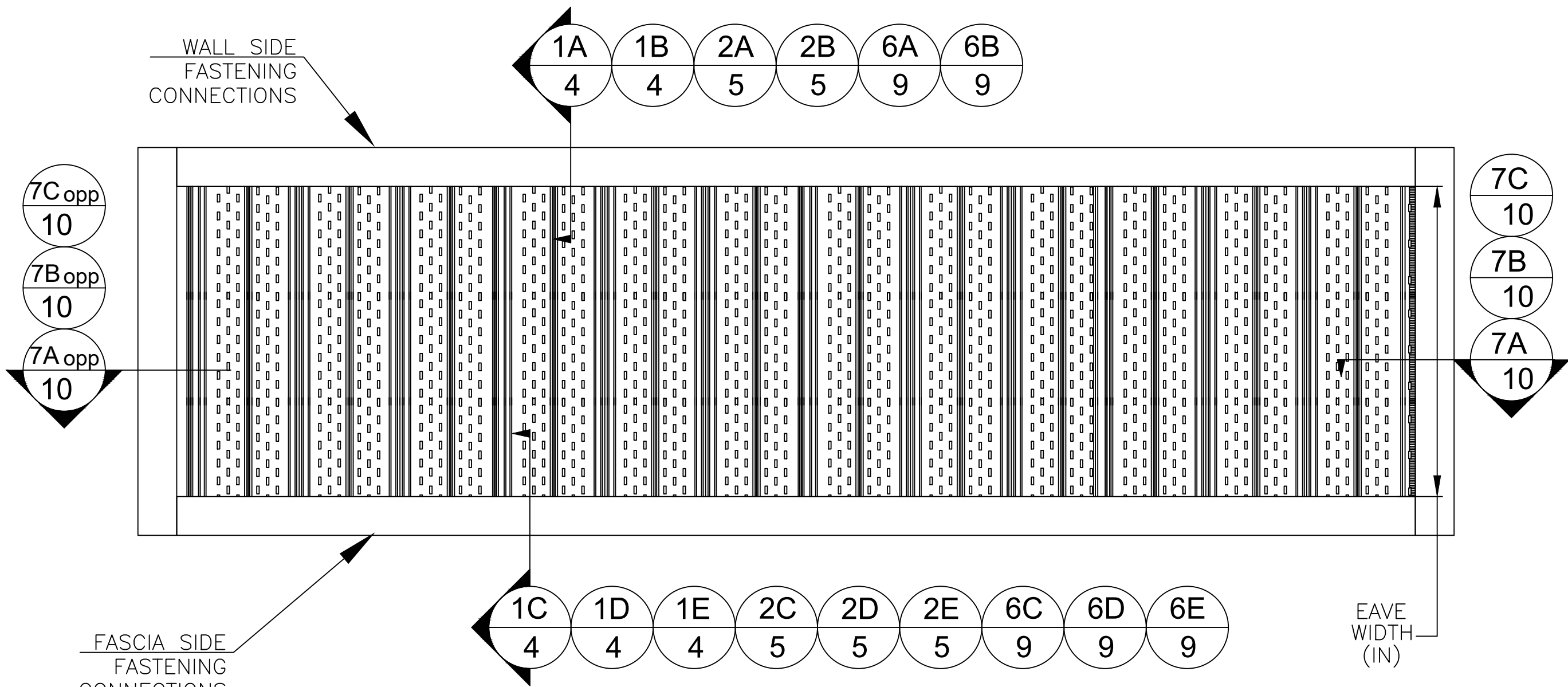
Robert J. Amoruso, P.E.

Florida P.E. No. 49752

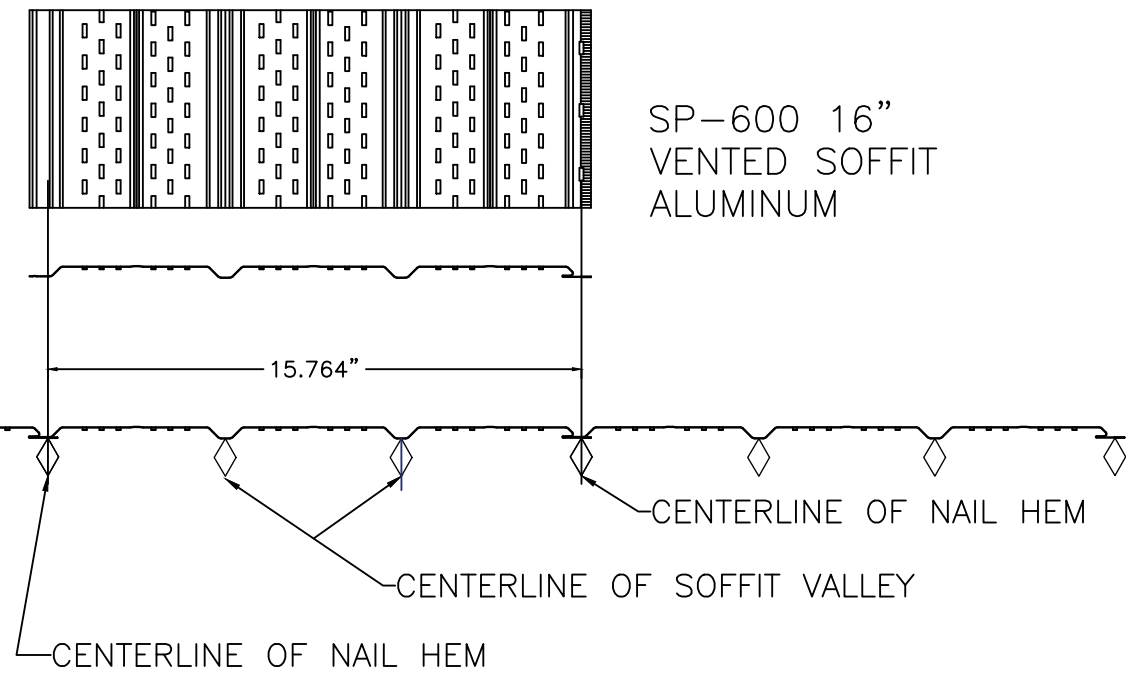


Digitally signed by Robert J Amoruso

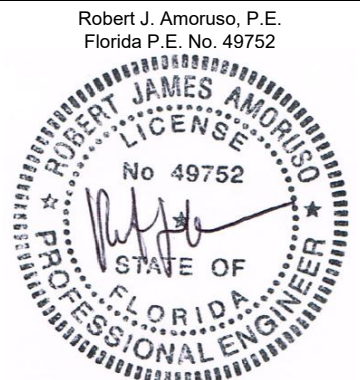
Date: 2021.09.02 13:44:38 -04'00'



**SOFFIT SPAN FASTENER
SPACING - OPTION 1**

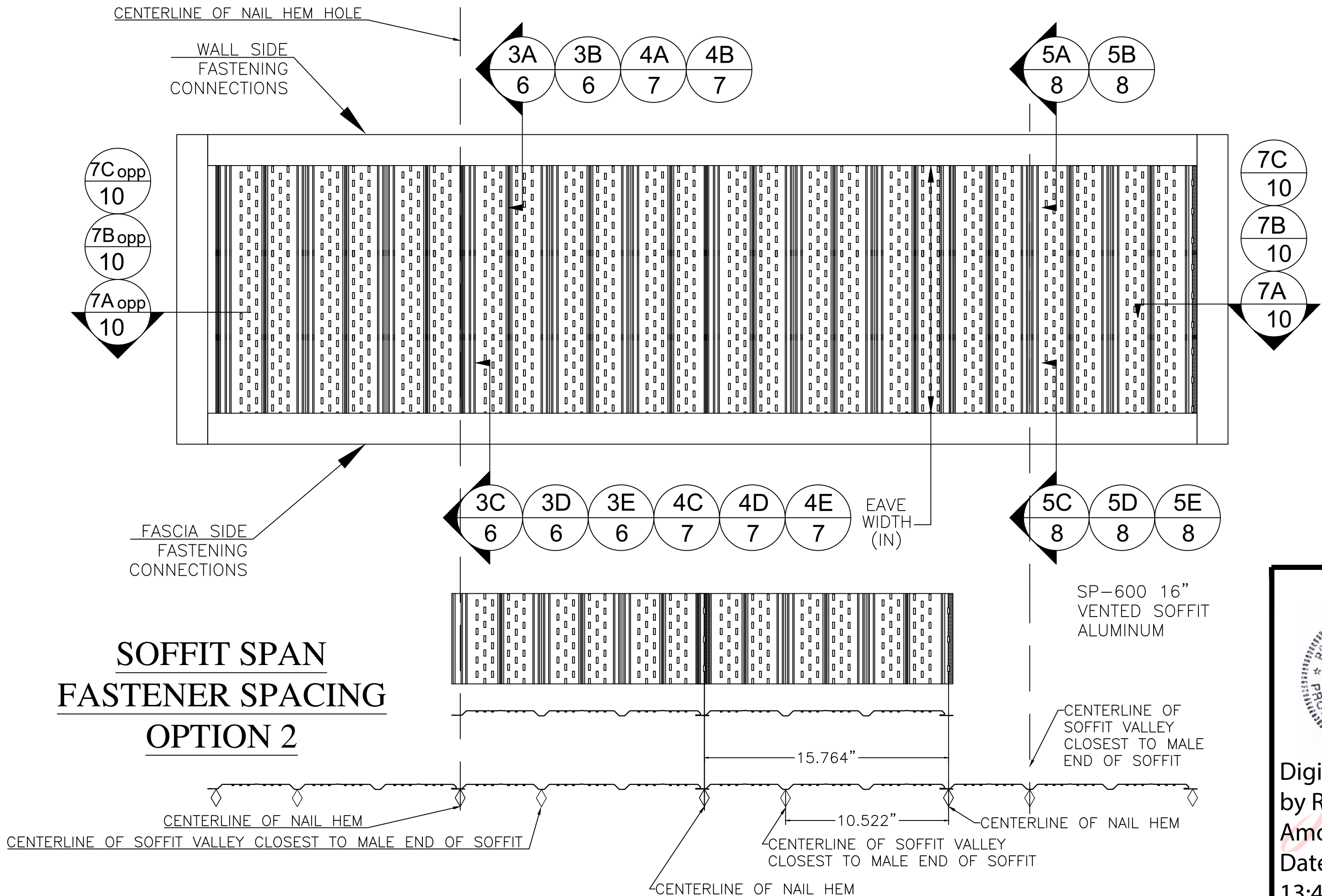


KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			PROJECT #421-0702		
TITLE: SP-600 ALUMINUM SOFFIT SINGLE SPAN SOFFIT SPAN FASTENER SPACING - OPTION 1					
PREPARED BY:			DRAWN BY: RJA	DATE: 6/4/21	
 PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 FBPE Cert. of Auth. No. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com			SCALE: N.T.S.	DRAWING NO: KAY0016	
			REV: A	SHEET: 2 OF 13	



Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:44:55 -04'00'

SOFFIT SPAN FASTENER SPACING OPTION 2



PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

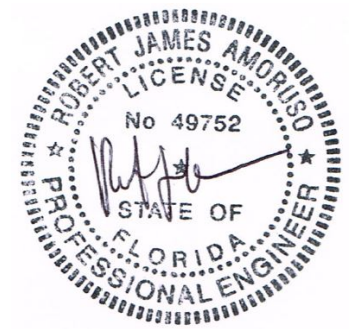
TITLE:
SP-600 ALUMINUM SOFFIT SINGLE SPAN
SOFFIT SPAN FASTENER SPACING - OPTION 1

PREPARED BY:
RJA
SCALE: N.T.S.
REV: A

DRAWN BY:
RJA
DATE: 6/4/21
DRAWING NO:
KAY0016
SHEET: 3 OF 13

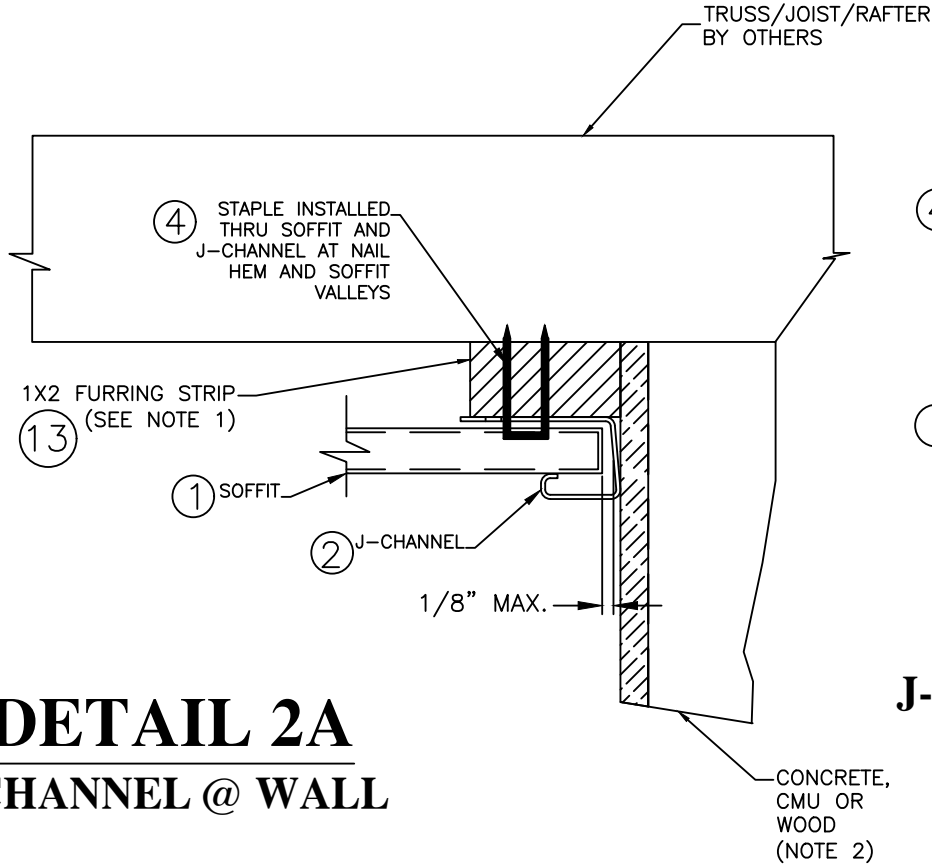
ADD NEW TESTING RESULTS
AND INSTALLATION DETAILS
A
8/31/21
RJA
DATE
DESCRIPTION
REV

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

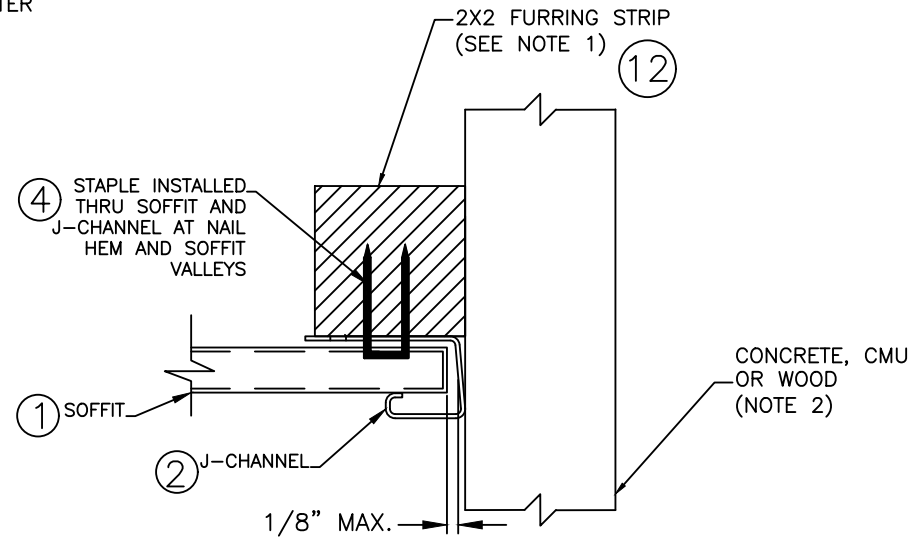


Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:45:06 -04'00'

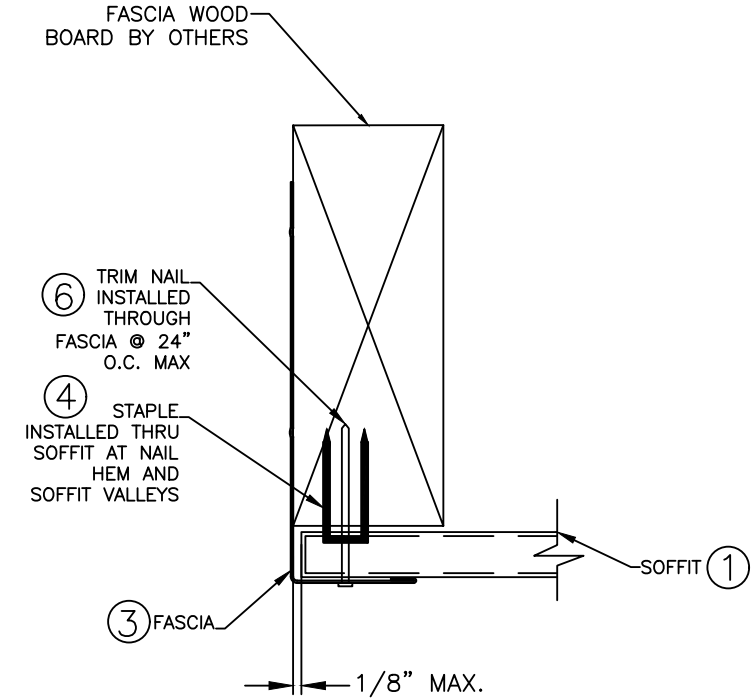
DETAIL 2A
J-CHANNEL @ WALL



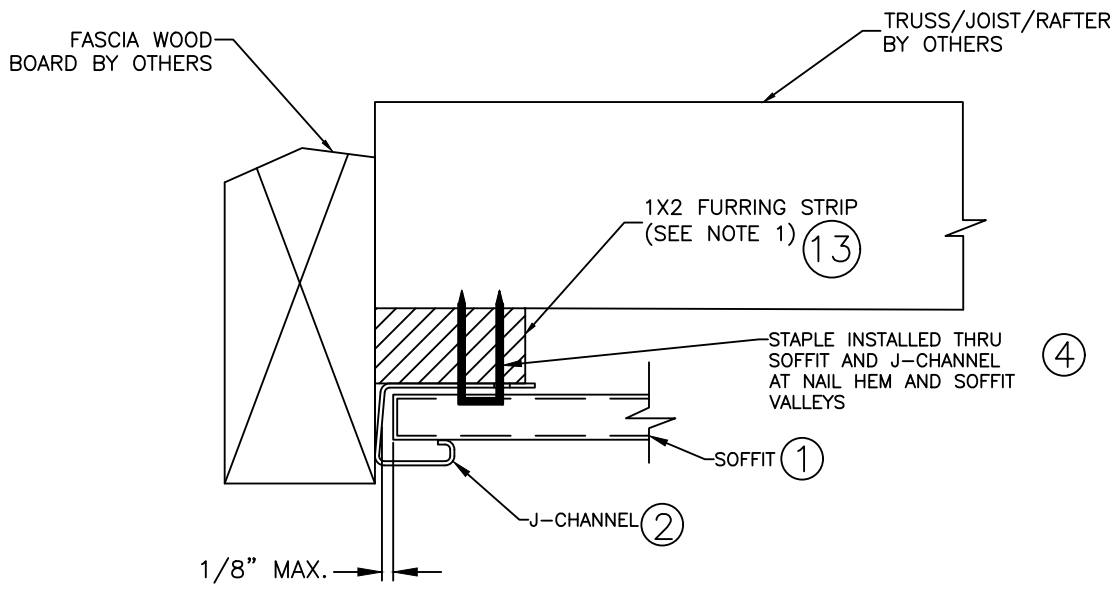
DETAIL 2B
J-CHANNEL @ WALL



DETAIL 2C
FASCIA

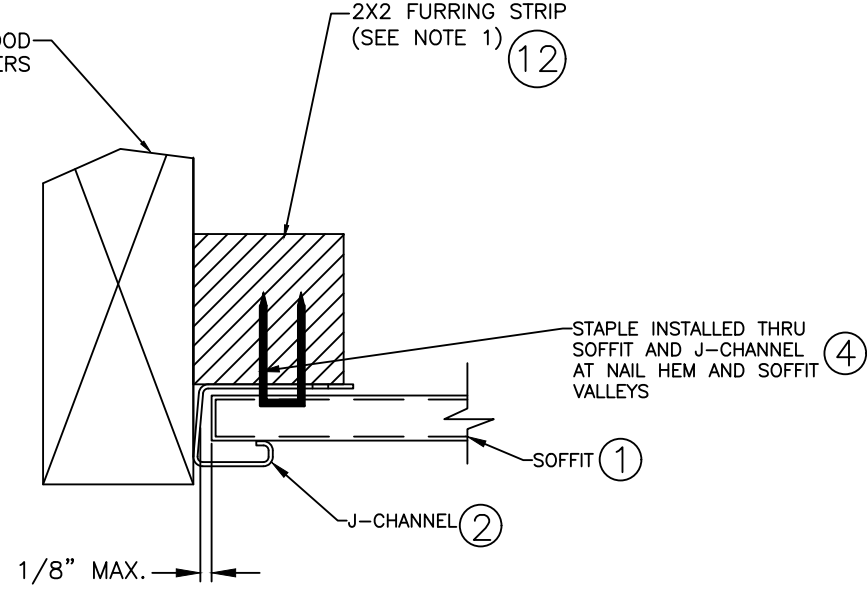


DETAIL 2D
J-CHANNEL @ FASCIA

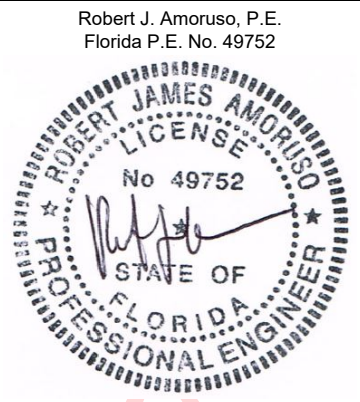


NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.

DETAIL 2E
J-CHANNEL @ FASCIA

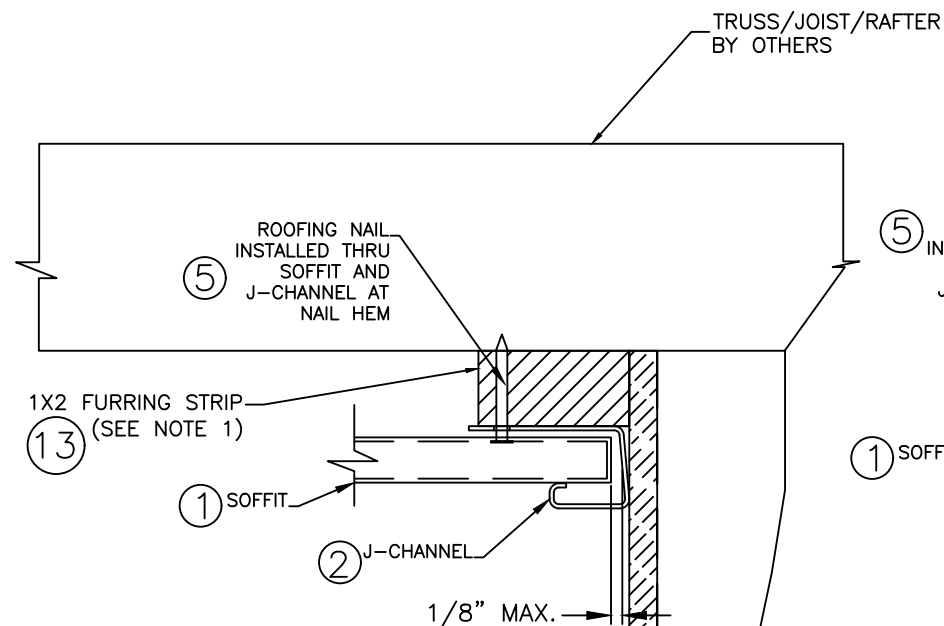


Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:45:28 -04'00'

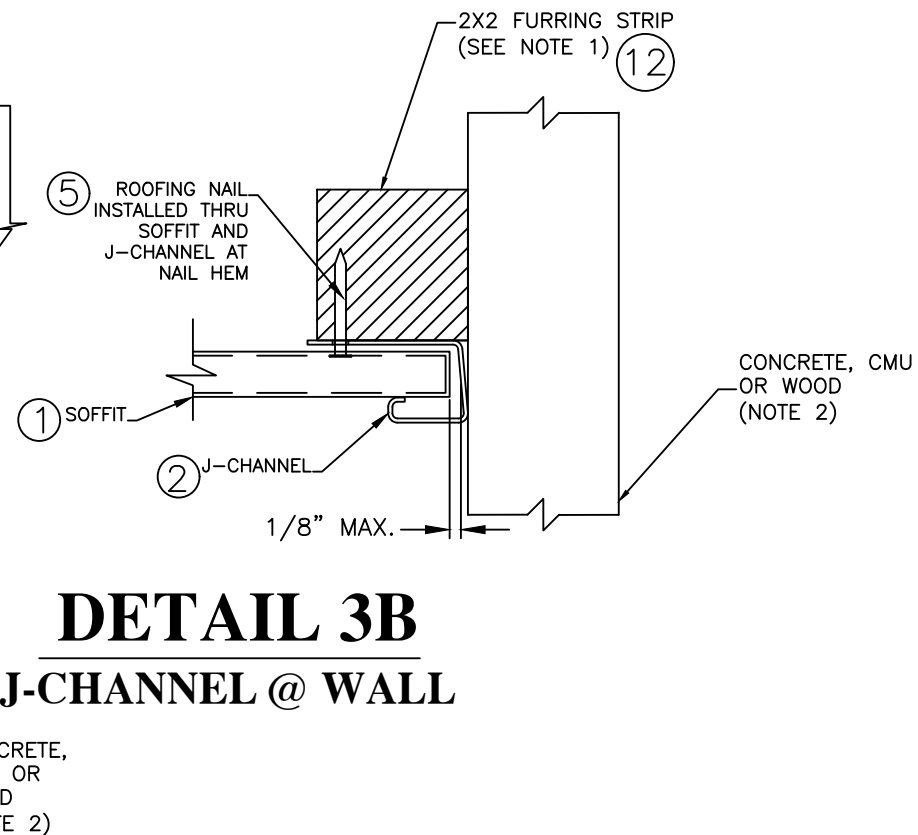


PROJECT #421-0702						

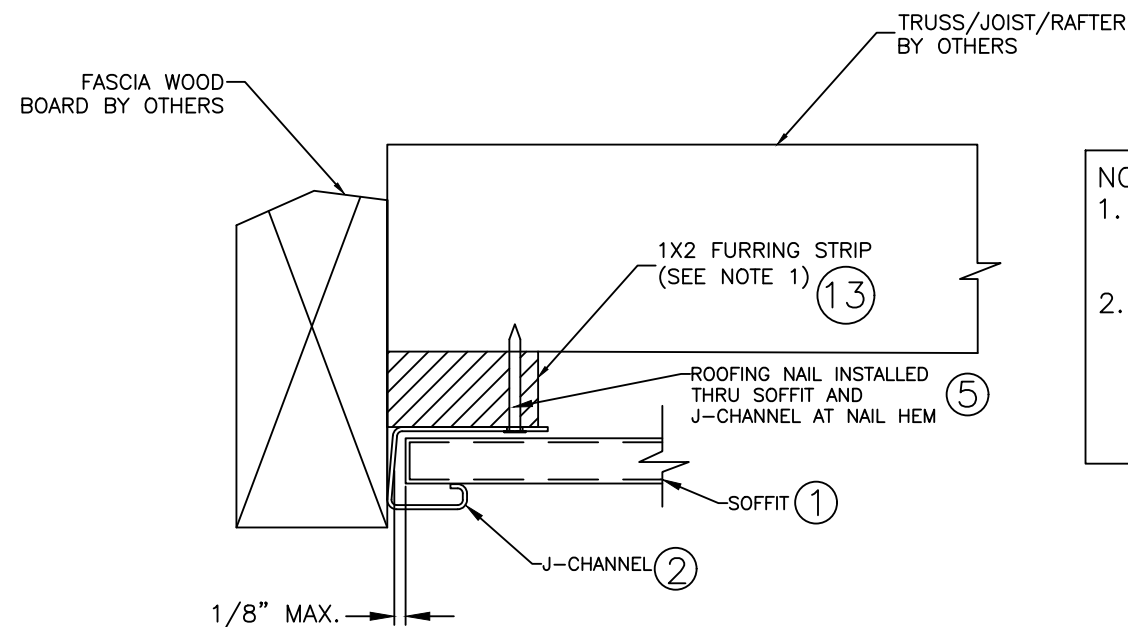
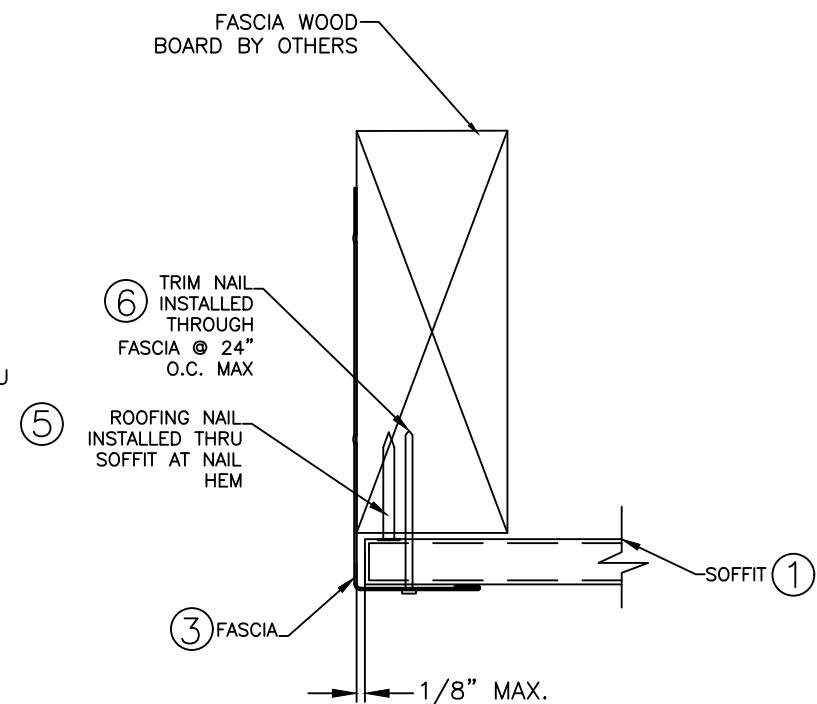
DETAIL 3A
J-CHANNEL @ WALL



DETAIL 3B
J-CHANNEL @ WALL



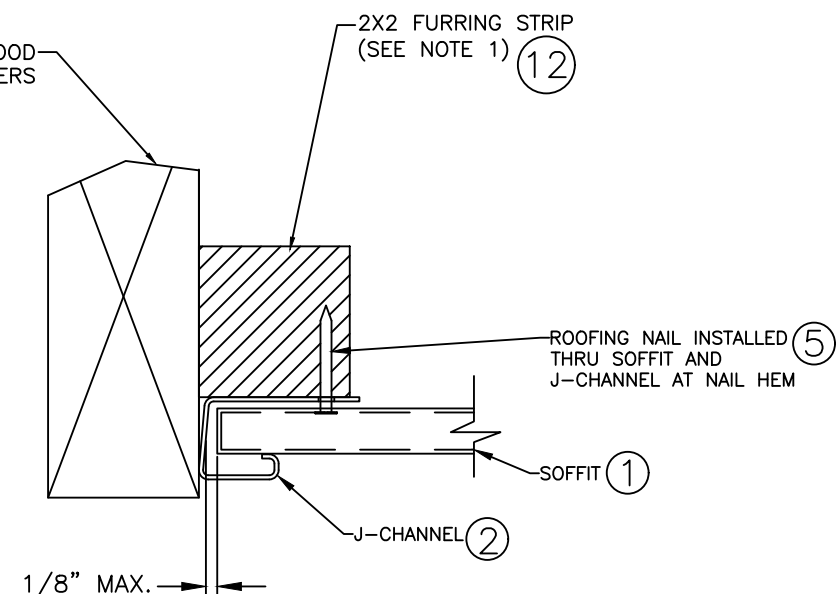
DETAIL 3C
FASCIA



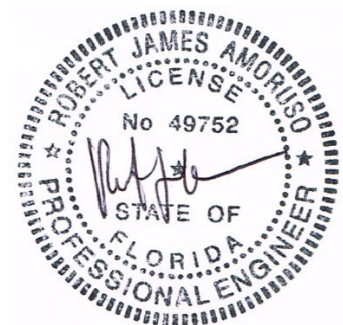
DETAIL 3D
J-CHANNEL @ FASCIA

- NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.

DETAIL 3E
J-CHANNEL @ FASCIA



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



Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:45:40 -04'00'

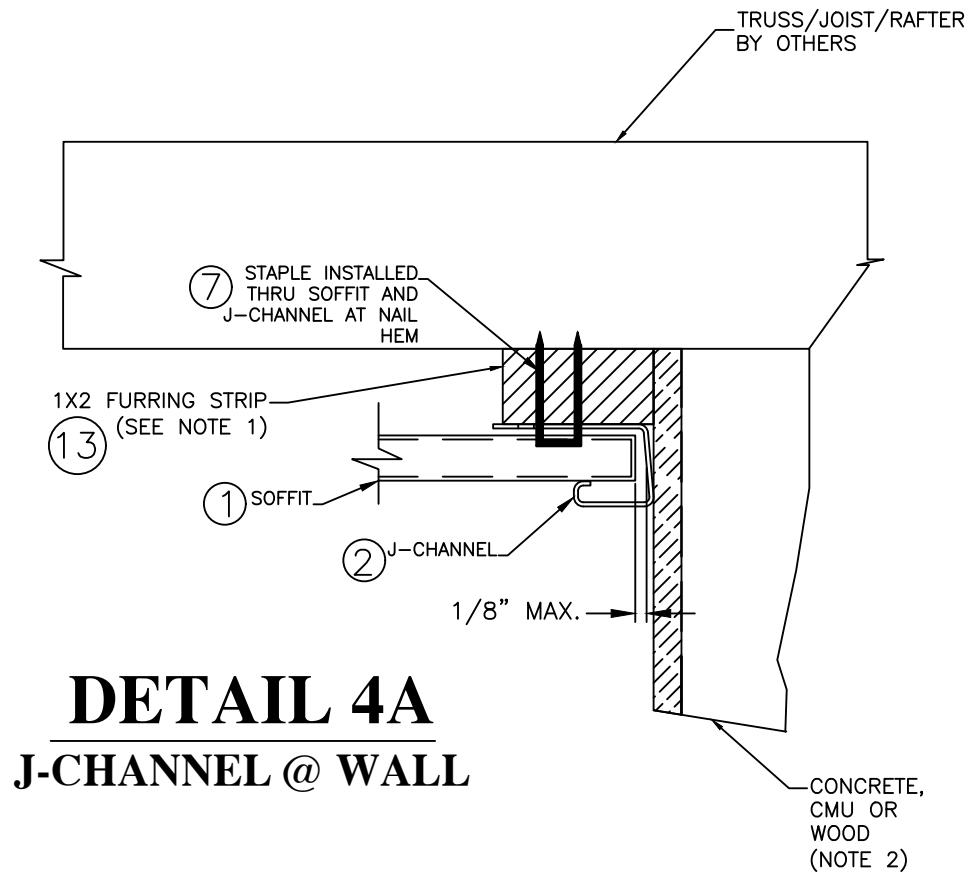
PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476
TITLE: SP-600 ALUMINUM SOFFIT SINGLE SPAN
DETAILS 3A, 3B, 3C, 3D AND 3E

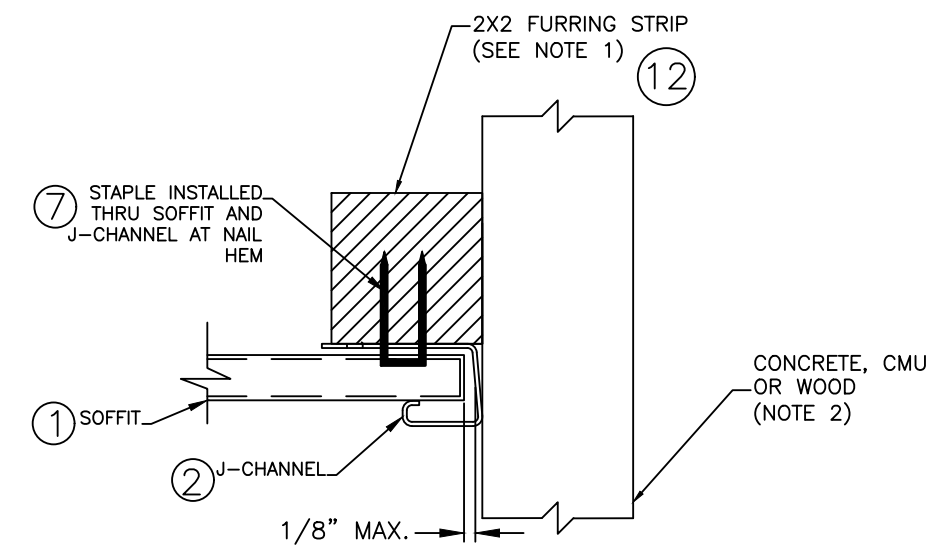
PREPARED BY: PTC
DRAWN BY: RJA
SCALE: N.T.S.
DATE: 6/4/21
DRAWING NO: KAY0016
SHEET: 6 OF 13
REV: A

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

ADD NEW TESTING RESULTS
AND INSTALLATION DETAILS
A
8/31/21
RJA
DATE
BY

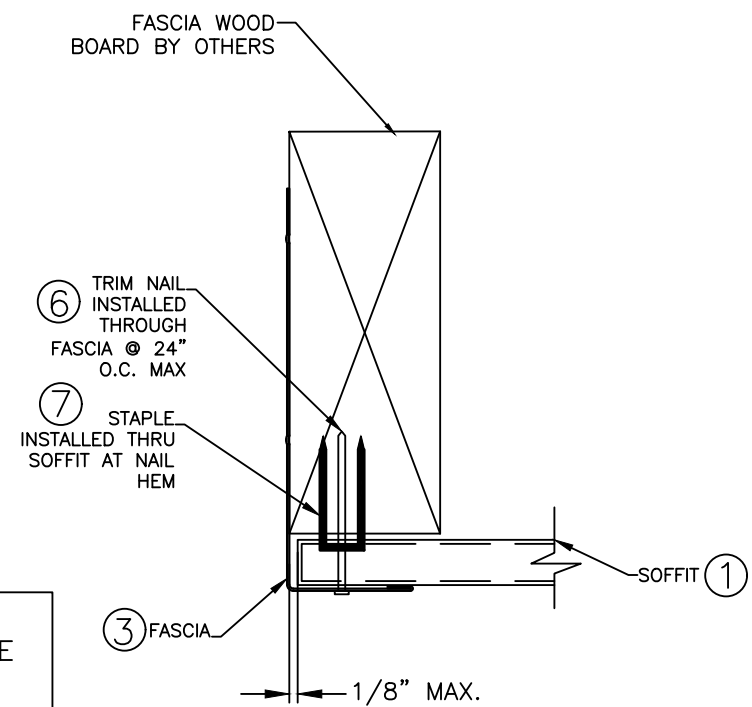


DETAIL 4A
J-CHANNEL @ WALL

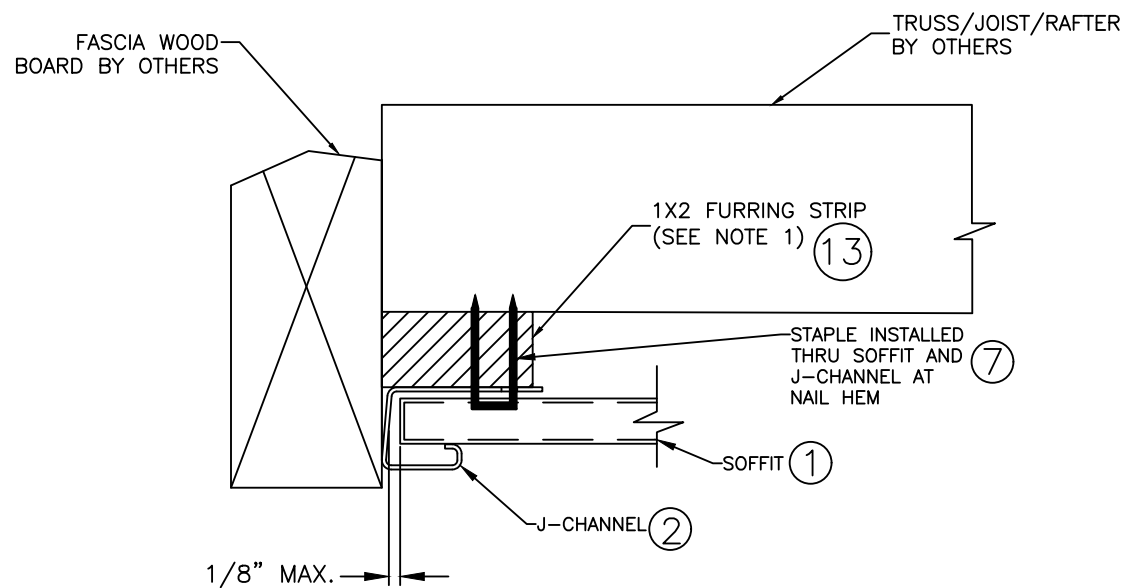


DETAIL 4B
J-CHANNEL @ WALL

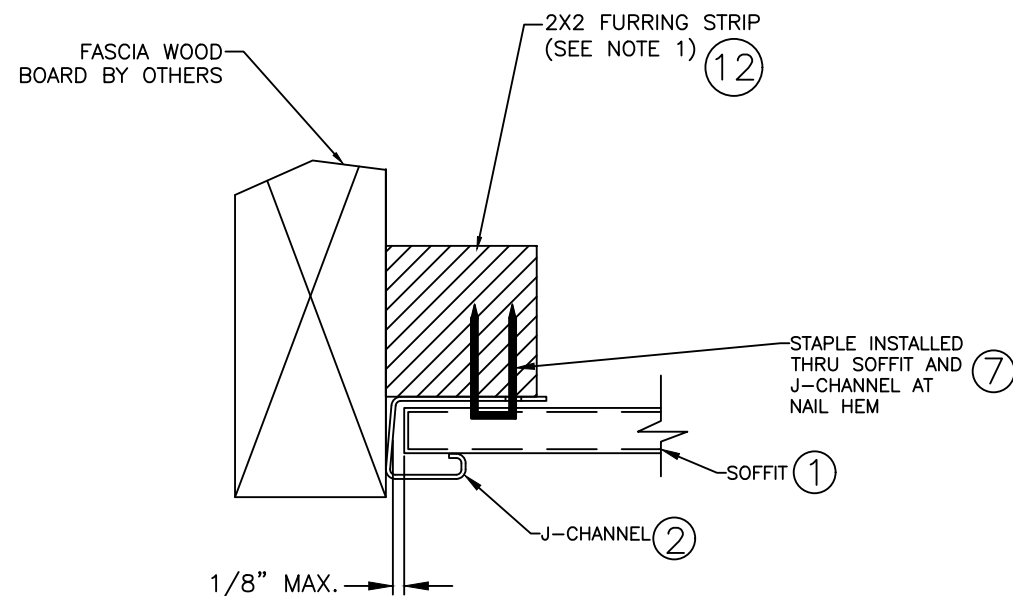
- NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.



DETAIL 4C
FASCIA



DETAIL 4D
J-CHANNEL @ FASCIA



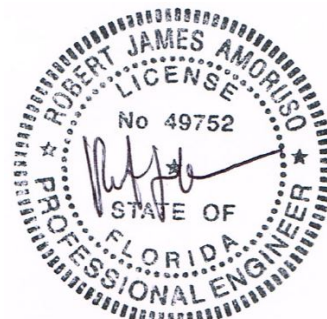
DETAIL 4E
J-CHANNEL @ FASCIA

PROJECT #421-0702

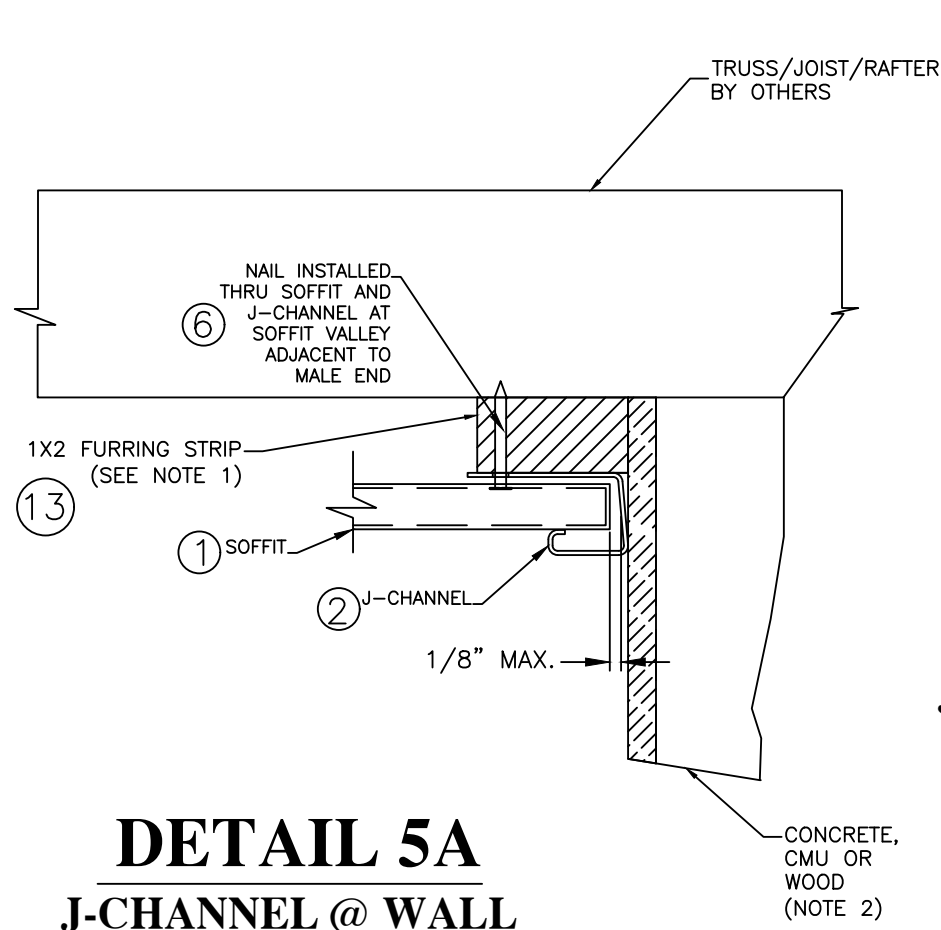
KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476
TITLE: SP-600 ALUMINUM SOFFIT SINGLE SPAN
DETAILS 4A, 4B, 4C, 4D AND 4E

PREPARED BY: RJA
SCALE: N.T.S.
REV: A
DATE: 6/4/21
DRAWING NO: KAY0016
SHEET: 7 OF 13

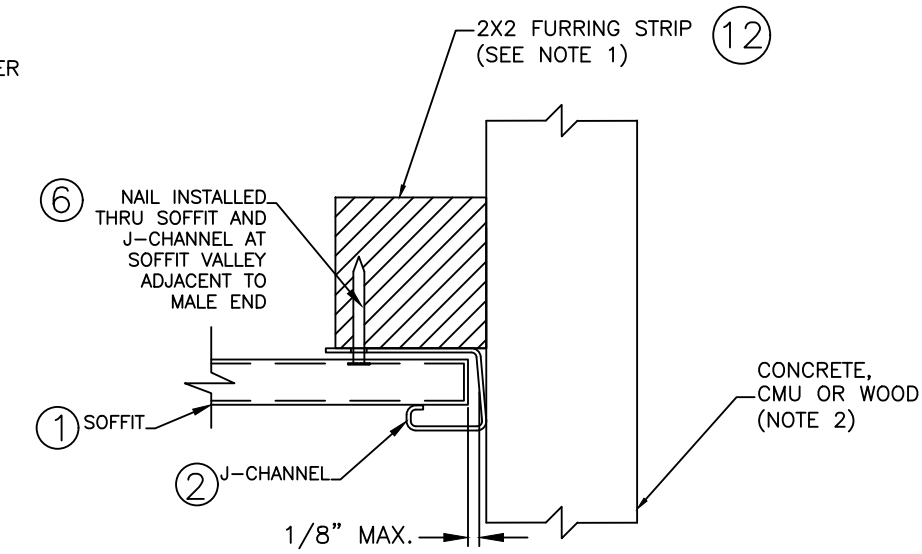
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:45:52 -04'00'

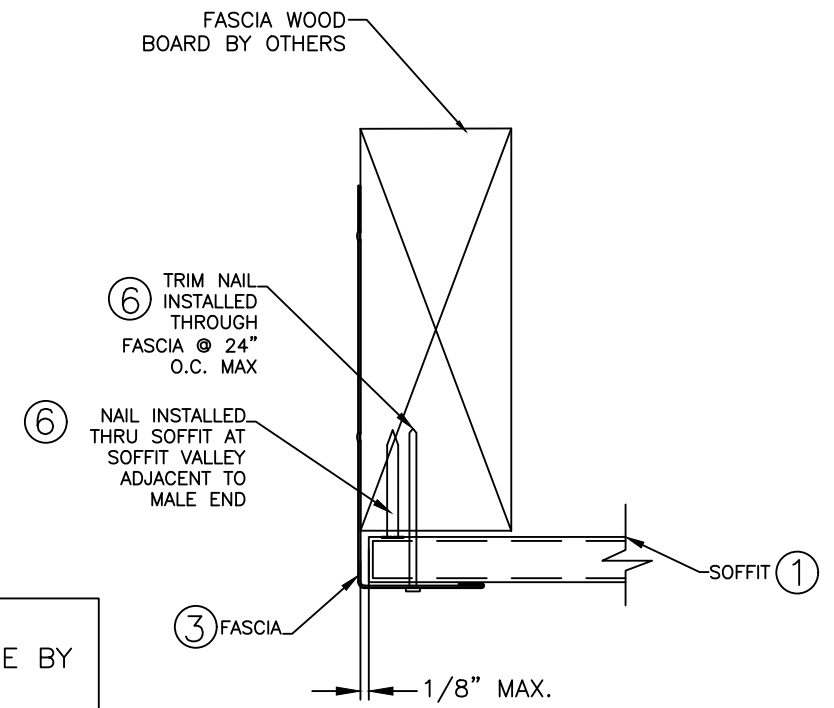


DETAIL 5A
J-CHANNEL @ WALL

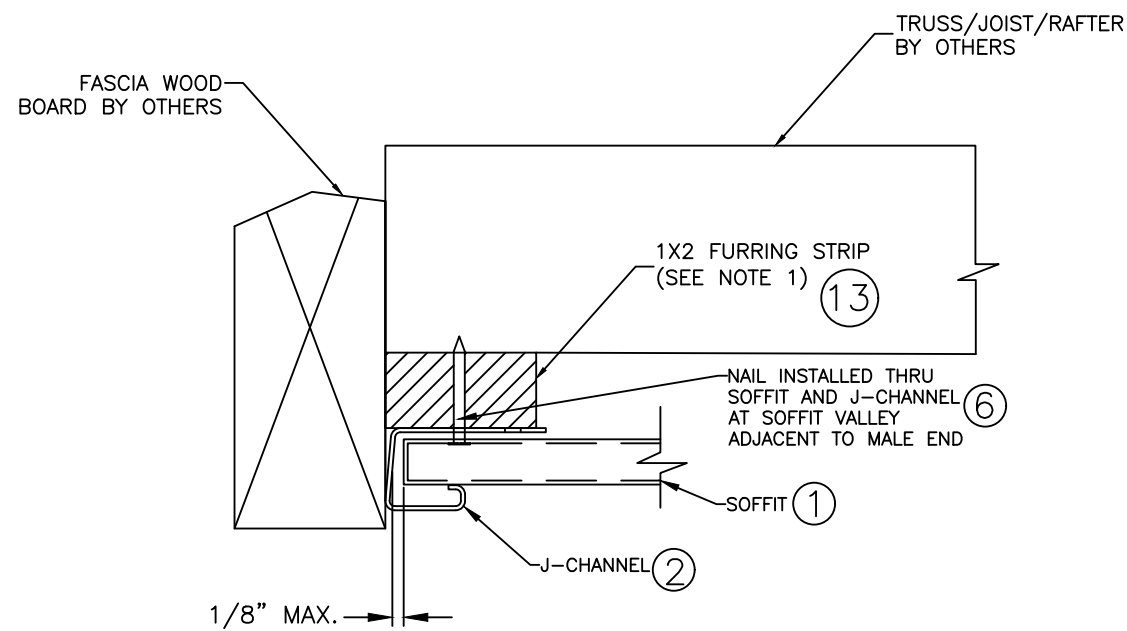


DETAIL 5B
J-CHANNEL @ WALL

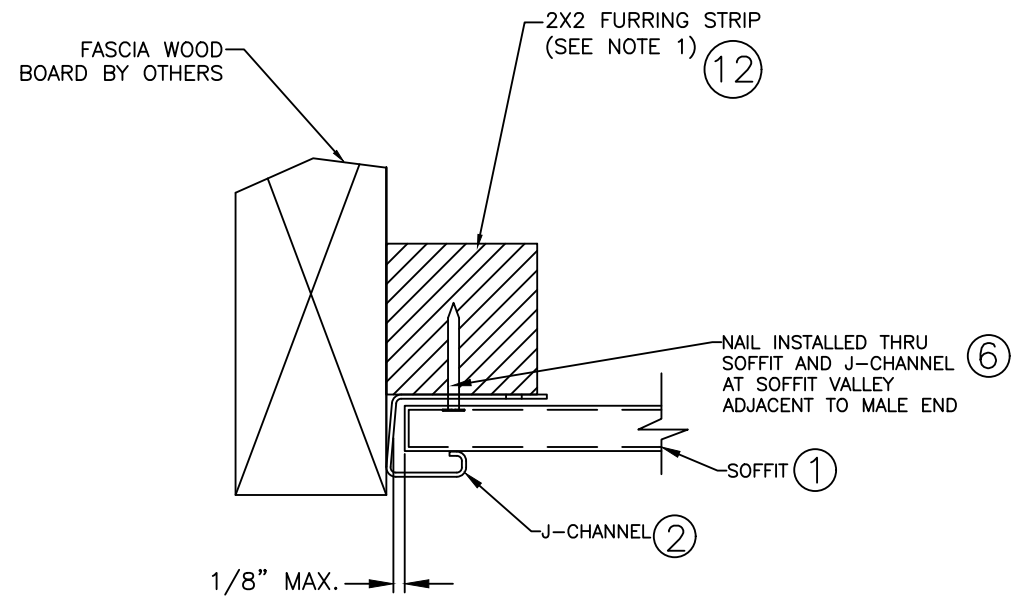
- NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.



DETAIL 5C
FASCIA



DETAIL 5D
J-CHANNEL @ FASCIA



DETAIL 5E
J-CHANNEL @ FASCIA

PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

SP-600 ALUMINUM SOFFIT SINGLE SPAN
DETAILS 5A, 5B, 5C, 5D AND 5E

PREPARED BY: PTC

DATE: 6/4/21

DRAWING NO: KAY0016

SHEET: 8 OF 13

SCALE: N.T.S.

REV: A

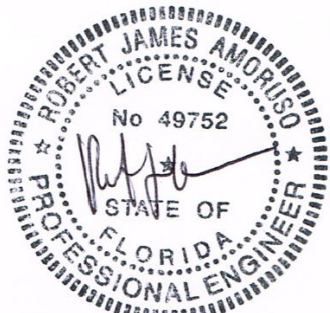
DESCRIPTION: ADD NEW TESTING RESULTS AND INSTALLATION DETAILS

BY: RJA

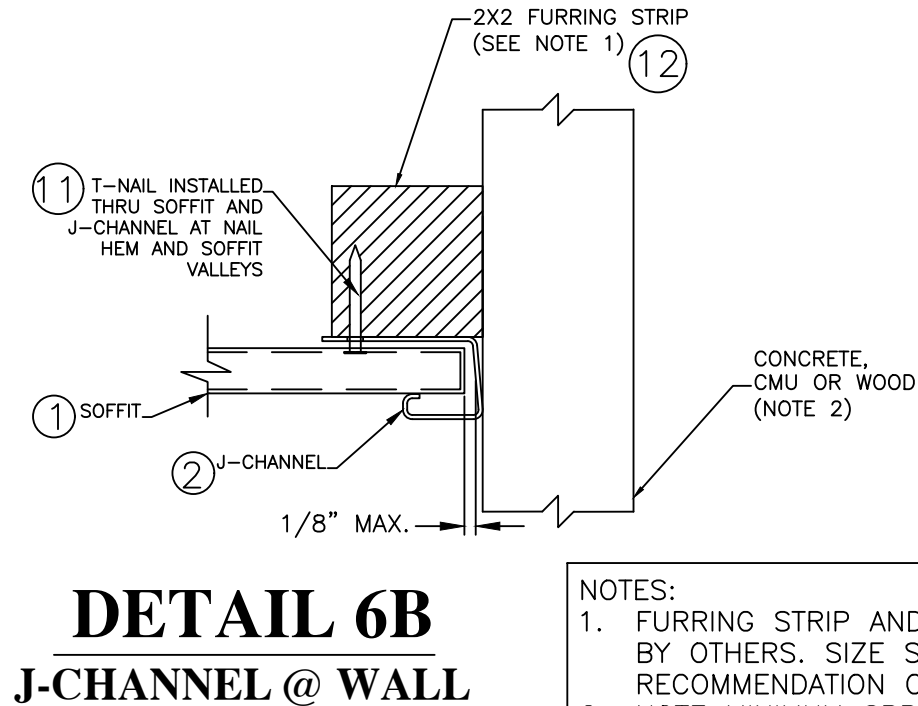
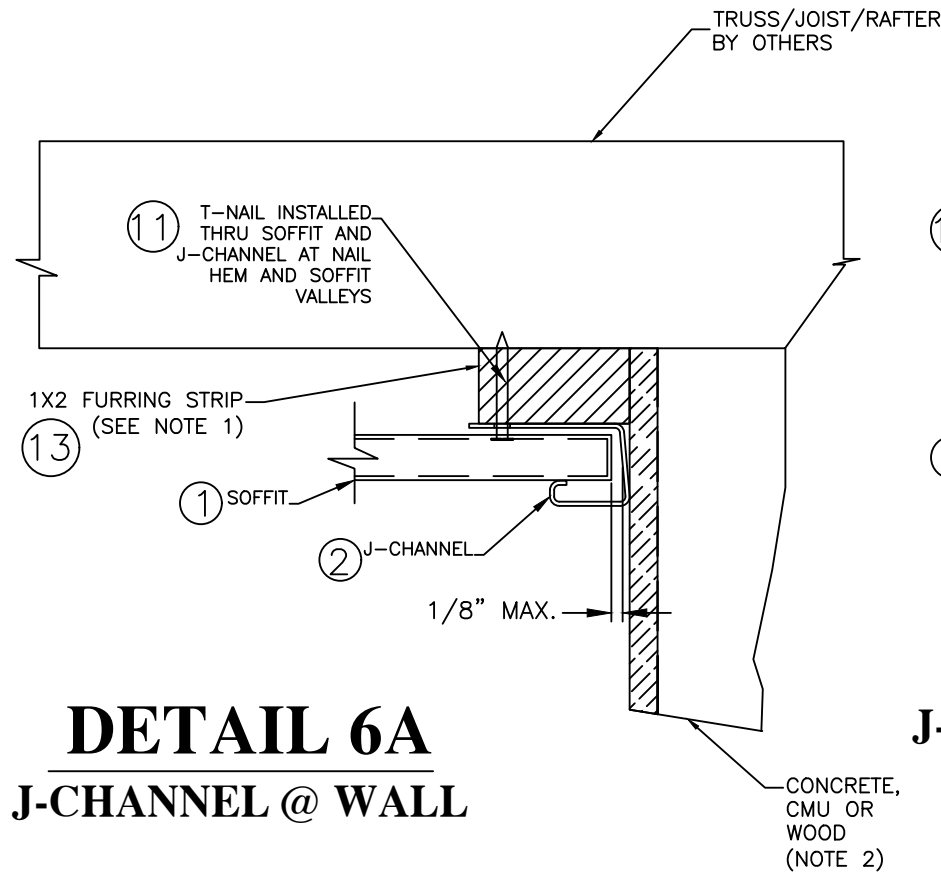
DATE: 8/31/21

REV: A

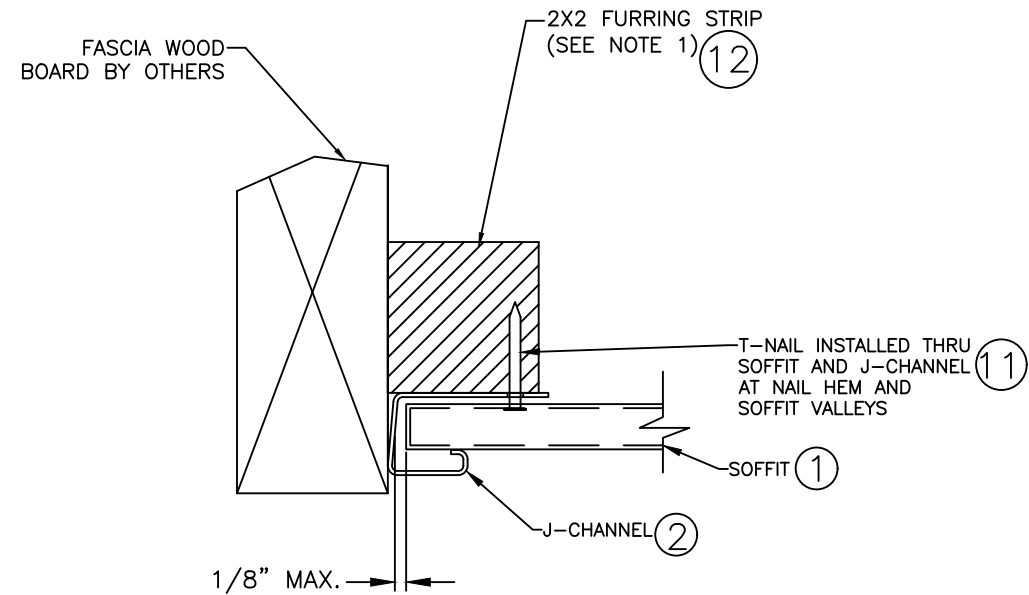
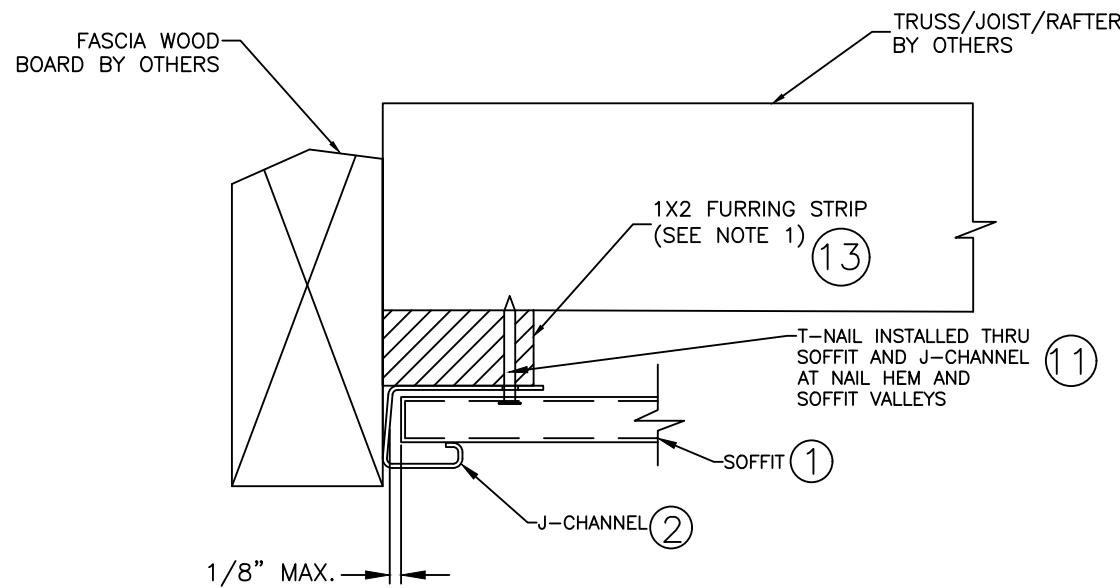
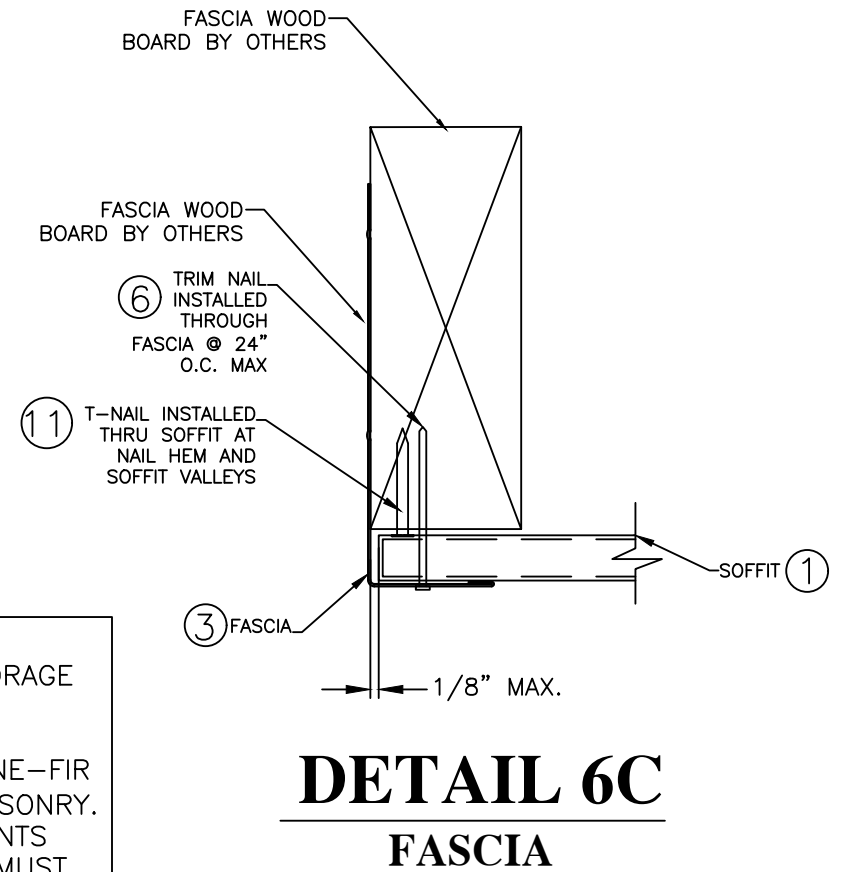
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:46:02 -04'00'



- NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.



PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

SP-600 ALUMINUM SOFFIT SINGLE SPAN
DETAILS 5A, 5B, 5C, 5D AND 5E

PREPARED BY: PTC

PTC PRODUCT DESIGN GROUP, LLC

Longwood, FL 32752-0775

FBPE Cert. of Auth. No. 25935 Email: info@ptc-corp.com

DRAWN BY: RJA

SCALE: N.T.S.

REV: A

SHEET: 9 OF 13

DRAWING NO: KAY0016

DATE: 6/4/21

DESCRIPTION

REV

ADD NEW TESTING RESULTS AND INSTALLATION DETAILS

A

DATE

BY

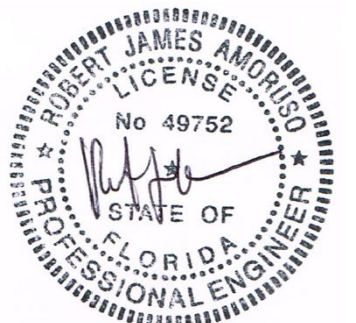
8/31/21

RJA

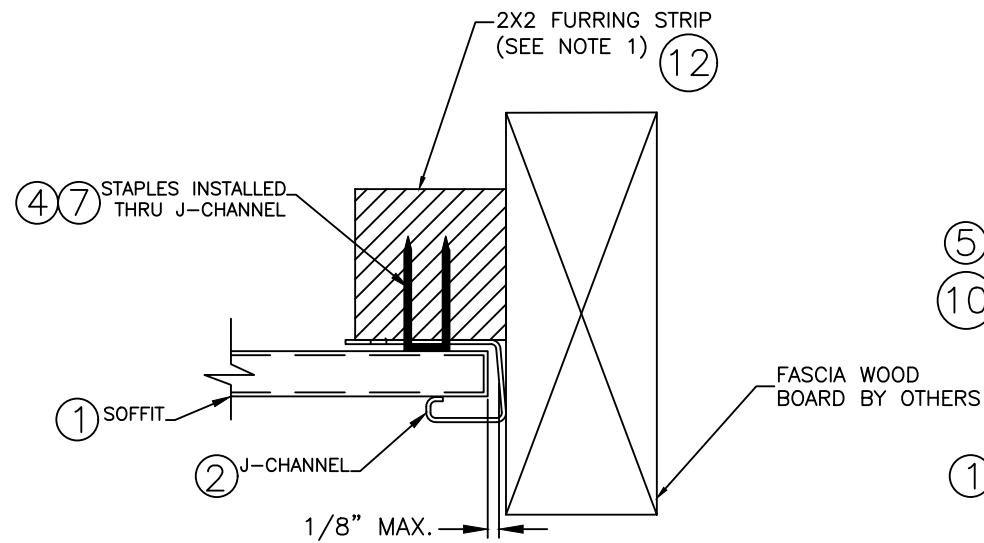
DATE

BY

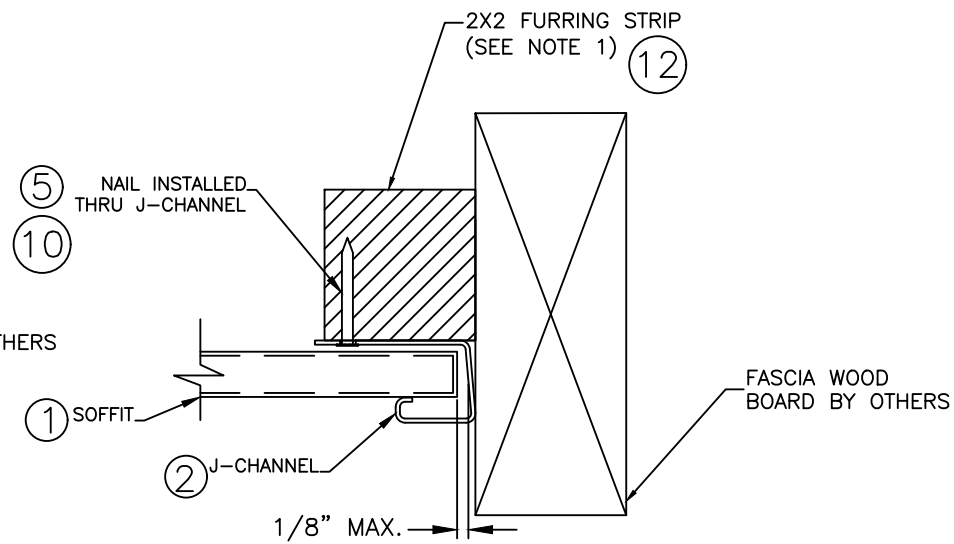
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



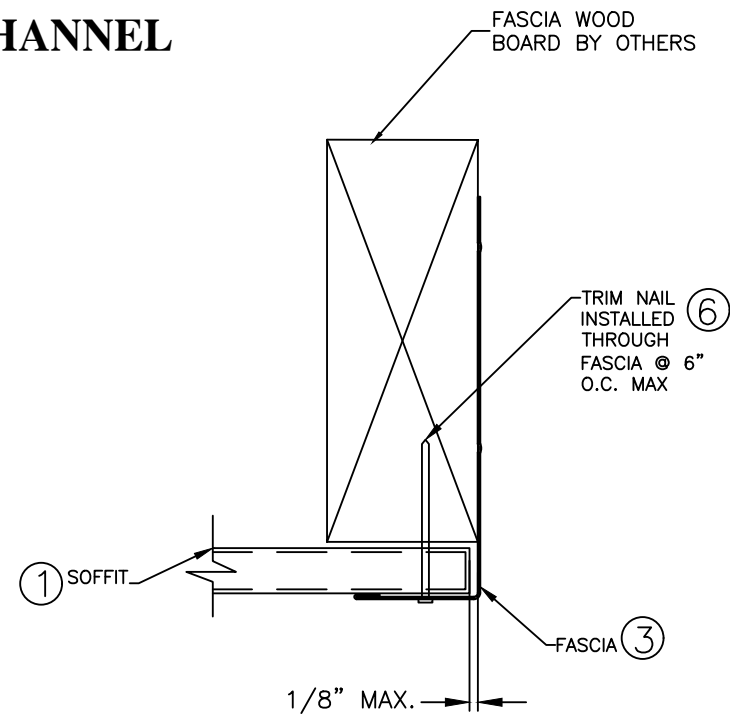
Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:46:42 -04'00'



DETAIL 7A
TERMINATIONS
J-CHANNEL



DETAIL 7B
TERMINATIONS
J-CHANNEL



DETAIL 7C
TERMINATIONS
FASCIA STRIP

NOTES:

1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.

PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHMOND, VT 05476
TITLE: SP-600 ALUMINUM SOFFIT SINGLE SPAN
DETAILS 6A, 6B AND 6C



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

DRAWN BY: RJA
DATE: 6/4/21

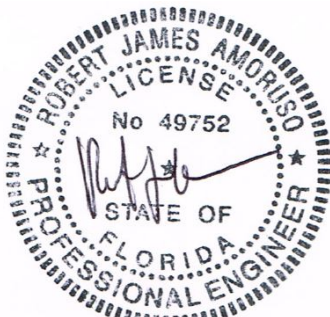
SCALE: N.T.S.
DRAWING NO: KAY0016

REV: A
SHEET: 10 OF 13

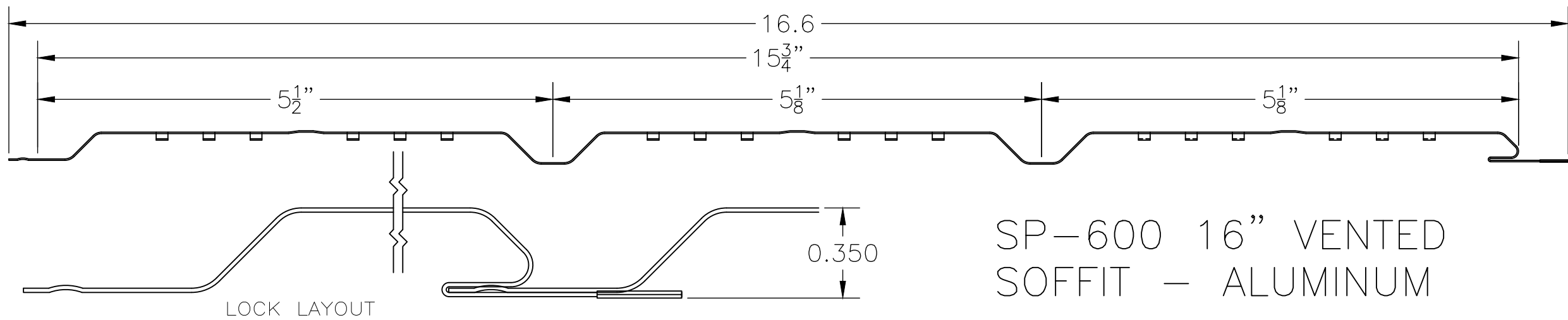
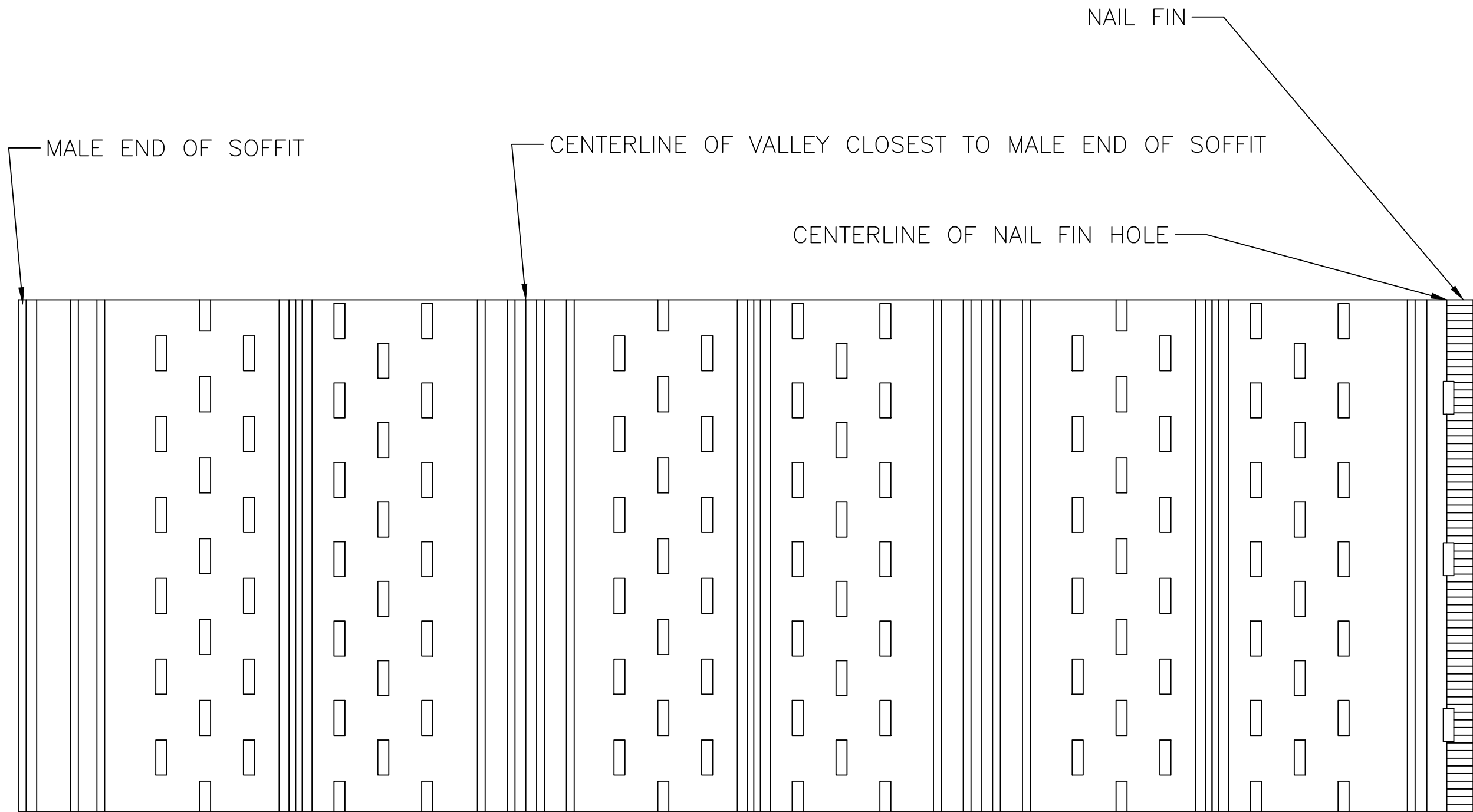
ADD NEW TESTING RESULTS
AND INSTALLATION DETAILS

REV: A
DATE: 8/31/21
BY: RJA

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



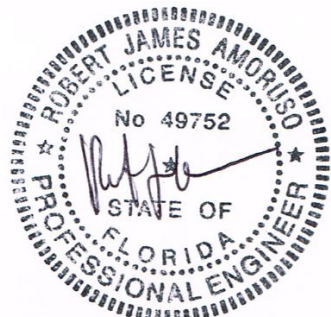
Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:46:58 -04'00'



SP-600 16" VENTED
SOFFIT - ALUMINUM

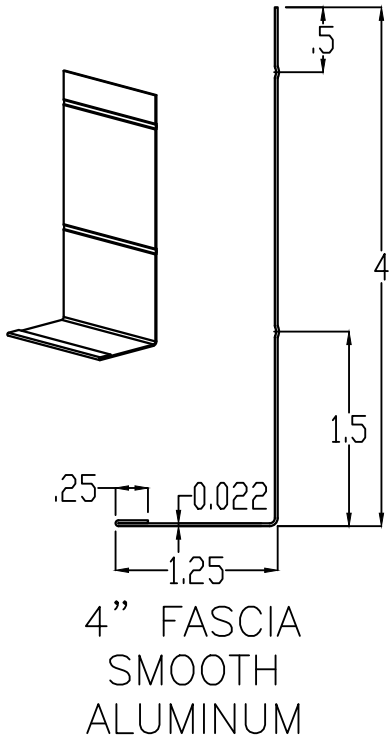
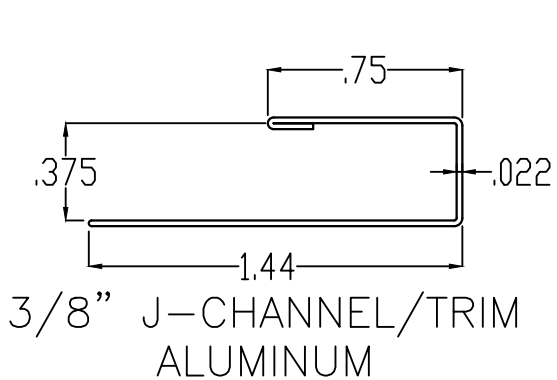
PROJECT #421-0702					
				ADD NEW TESTING RESULTS AND INSTALLATION DETAILS	RJA
				8/31/21	DATE
				DESCRIPTION	BY
				REV	
KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476		DATE: 6/4/21		DRAWING NO: KAY0016	
TITLE: SP-600 ALUMINUM SOFFIT SINGLE SPAN ALUMINUM SOFFIT PROFILE		SCALE: N.T.S.		SHEET: 11 OF 13	
PREPARED BY: RJA		REV: A			
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		FBPE Cert. of Auth. No. 25935			

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



Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:47:28 -04'00'

ALUMINUM SOFFIT AND TRIM SCHEDULE		
ALUMINUM SOFFIT SERIES	J-CHANNEL	FASCIA
16" SP-600 VENTED SOFFIT	3/8" J-CHANNEL ALUMINUM	4" FASCIA ALUMINUM



BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	SP-600 ALUMINUM SOFFIT	ALUMINUM
2	J-CHANNEL - SEE DRAWING	
3	FASCIA - SEE DRAWING	
4	18 GA. X 1/4" WIDTH CROWN STAPLE X 1" MIN. LENGTH	STEEL
5	11 GA. x 1-1/2" ROOFING NAIL (1/8" SHANK, 3/8" HEAD DIAMETER)	STEEL
6	0.075" DIAMETER X 1-1/2" TRIM NAIL (3/16" HEAD)	STEEL
7	16 GA. X 7/16" WIDTH CROWN STAPLE X 1" MIN. LENGTH	STEEL
10	0.097" X 1" LONG T-NAIL	STEEL
11	14 GA. X 5/8" LONG T-NAIL	STEEL
12	2" X 2" NOMINAL FURRING STRIP - SG = 0.42 MIN. (BY OTHERS. RECOMMENDATION ONLY. ALTERNATE SIZE SUPPORTING SUBSTRATE ACCEPTABLE.)	WOOD
13	1" X 2" NOMINAL FURRING STRIP - SG = 0.42 MIN. (BY OTHERS. RECOMMENDATION ONLY. ALTERNATE SIZE SUPPORTING SUBSTRATE ACCEPTABLE.)	WOOD

PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

TITLE:
SP-600 ALUMINUM SOFFIT SINGLE SPAN
CHANNEL AND FASCIA PROFILES / BOM / SOFFIT SCHEDULE

DRAWN BY:
RJA

DATE:
6/4/21

DRAWING NO:
KAY0016

SCALE:
N.T.S.

REV:
A

SHEET:
12 OF 13

ADD NEW TESTING RESULTS
AND INSTALLATION DETAILS

8/31/21

RJA

DATE

BY

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

Robert J. Amoruso
P.E.
No. 49752
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed
by Robert J
Amoruso
Date: 2021.09.02
13:47:41 -04'00'

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

PTC

INSTALLATION NOTES:

1. SOFFIT INSTALLATION DETAILS

- 1.1. THE INSTALLATION ELEVATIONS ON SHEET 2 AND 3 DEPICT TWO SPACING OPTIONS BASED ON TESTING. THEY ARE:

1.1.1. OPTION 1: FASTENING AT NAIL HEM AND EACH SOFFIT VALLEY ON WALL SIDE AND FASCIA SIDE OF THE SOFFIT.

1.1.2. OPTION 2: FASTENING AT NAIL HEM AND SOFFIT VALLEY CLOSEST TO THE MALE END OF THE SOFFIT ON WALL SIDE AND FASCIA SIDE OF THE SOFFIT. MALE END IS OPPOSITE END FROM THE NAIL HEM.
- 1.2. THE INSTALLATION CROSS SECTIONS SHOWN ON SHEETS 4 THROUGH 9 SINGLE SPAN SOFFITS FOR EAVE CONSTRUCTION OF TRUSS/WOOD FRAMING IN EITHER CANTILEVER OR OVERHANG CONFIGURATIONS. HOWEVER, THIS DOES NOT LIMIT SOFFIT INSTALLATION TO THESE CONFIGURATIONS ONLY AS LONG AS MINIMUM FASTENER REQUIREMENTS AND SPAN LIMITS ARE MAINTAINED. THE INSTALLATION FASTENING IS BROKEN DOWN AS FOLLOWS.

1.2.1. DETAIL 1A THRU 1E USING T-NAIL (Item 10) AND INSTALLED PER OPTION 1 ELEVATION ON SHEET 2.

1.2.2. DETAIL 2A THRU 2E USING 18 GA. STAPLE (Item 4) AND INSTALLED PER OPTION 1 ELEVATION ON SHEET 2.

1.2.3. DETAIL 3A THRU 3E USING 11 GA ROOFING NAIL (Item 5) AT NAIL HEM AND DETAILS 5A THRU 5E USING 0.075" TRIM NAIL (Item 6) AT VALLEY CLOSEST TO MALE END OF SOFFIT AND INSTALLED PER OPTION 2 ELEVATION ON SHEET 3.

1.2.4. DETAIL 4A THRU 4E USING 16 GA. STAPLE (Item 7) AT NAIL HEM AND DETAILS 5A THRU 5E USING 0.075" TRIM NAIL (Item 6) AT VALLEY CLOSEST TO MALE END OF SOFFIT AND INSTALLED PER OPTION 2 ELEVATION ON SHEET 3.

1.2.5. DETAIL 6A THRU 6E USING T-NAIL (Item 11) AND INSTALLED PER OPTION 1 ELEVATION ON SHEET 2.

1.2.6. DETAIL 7 IS USED FOR SOFFIT END TERMINATIONS.

2. SPAN LOADING CAPACITIES

- 2.1. SEE TABLE ON THIS SHEET FOR SPANS OF 10", 12", 12.75", 14" AND 16".
- 2.2. SPAN (EAVE WIDTH) DESIGN PRESSURE LOADINGS IN PSF.

3. INSTALLATION FASTENERS

- 3.1. FASTENERS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE. SEE FASTENER SCHEDULE TABLE ON SHEET 1.
- 3.2. 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.
- 3.3. FASTENER LENGTHS SHOWN IN THE INSTALLATION DETAILS DO NOT TAKE INTO ACCOUNT WALL FINISHES. WALL FINISH THICKNESS SHALL BE ADDED TO THE REQUIRED FASTENER LENGTHS. SEE FASTENER SCHEDULE TABLE ON THIS SHEET.
- 3.4. VINYL SIDING, J-CHANNEL OR FASCIA THICKNESS NOT INCLUDED IN WALL FINISHING THICKNESS.
- 3.5. ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.

SPAN LOAD TABLE NOTES:

1. INSTALLATION DETAILS

1.1. DETAIL 1 INCLUDES DETAILS 1A THRU 1E SHOWN ON SHEET 4.

1.2. DETAIL 2 INCLUDES DETAILS 2A THRU 2E SHOWN ON SHEET 5.

1.3. DETAIL 3 INCLUDES DETAILS 3A THRU 3E SHOWN ON SHEET 6.

1.4. DETAIL 4 INCLUDES DETAILS 4A THRU 4E SHOWN ON SHEET 7.

1.5. DETAIL 5 INCLUDES DETAILS 5A THRU 5E SHOWN ON SHEET 8.

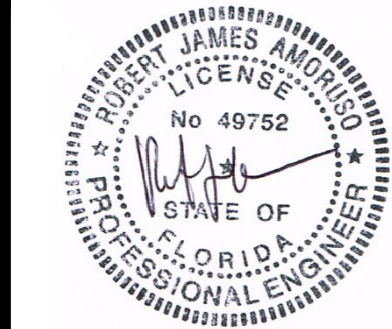
1.6. DETAIL 6 INCLUDES DETAILS 6A THRU 6E SHOWN ON SHEET 9.
2. FASTENER SPACING OPTION

2.5. FASTENER SPACING OPTION 1 SHOWN ON SHEET 2.

2.6. FASTENER SPACING OPTION 2 SHOWN ON SHEET 3.

SPAN LOAD TABLE

Eave Width (in)	Installation				Desing Pressure (DP) (psf)	
	Fastener Description		Installation Detail	Spacing Option		
	Soffit Fastener Type	BOM ID			+	-
10	14 ga. x 5/8" Long T-Nail	11	6A, 6B, 6D & 6E	1	136.7	100.0
			6A, 6B & 6C		136.7	86.7
	0.097" x 1" Long T-Nail	10	1		136.7	110.0
	1/4" Crown x 18ga staple	4	2		136.7	90.0
	11 GA. Roofing Nail + 0.075" Trim Nail	5 and 6	3 and 5	2	136.7	143.3
	7/16" Crown x 16ga staple + 0.075" Trim Nail	7 and 6	4 and 5		136.7	126.7
12	14 ga. x 5/8" Long T-Nail	11	6A, 6B, 6D & 6E	1	136.7	86.7
			6A, 6B & 6C		136.7	75.6
	0.097" x 1" Long T-Nail	10	1		136.7	92.2
	1/4" Crown x 18ga staple	4	2		136.7	80.0
	11 GA. Roofing Nail + 0.075" Trim Nail	5 and 6	3 and 5	2	136.7	116.7
	7/16" Crown x 16ga staple + 0.075" Trim Nail	7 and 6	4 and 5		136.7	103.3
12.75	14 ga. x 5/8" Long T-Nail	11	6A, 6B, 6D & 6E	1	136.7	81.7
			6A, 6B & 6C		136.7	71.4
	0.097" x 1" Long T-Nail	10	1		136.7	85.6
	1/4" Crown x 18ga staple	4	2		136.7	76.3
	11 GA. Roofing Nail + 0.075" Trim Nail	5 and 6	3 and 5	2	136.7	106.7
	7/16" Crown x 16ga staple + 0.075" Trim Nail	7 and 6	4 and 5		136.7	94.6
14	14 ga. x 5/8" Long T-Nail	11	6A, 6B, 6D & 6E	1	136.7	73.3
			6A, 6B & 6C		136.7	64.4
	0.097" x 1" Long T-Nail	10	1		136.7	74.4
	1/4" Crown x 18ga staple	4	2		136.7	70.0
	11 GA. Roofing Nail + 0.075" Trim Nail	5 and 6	3 and 5	2	136.7	90.0
	7/16" Crown x 16ga staple + 0.075" Trim Nail	7 and 6	4 and 5		136.7	80.0
16	14 ga. x 5/8" Long T-Nail	11	6A, 6B, 6D & 6E	1	136.7	60
			6A, 6B & 6C		136.7	53.3
	0.097" x 1" Long T-Nail	10	1		136.7	56.7
	1/4" Crown x 18ga staple	4	2		136.7	60.0
	11 GA. Roofing Nail + 0.075" Trim Nail	5 and 6	3 and 5	2	136.7	63.3
	7/16" Crown x 16ga staple + 0.075" Trim Nail	7 and 6	4 and 5		136.7	56.7
NOTE 1: 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.						



Digitally signed
by Robert J Amoruso
Date: 2021.09.02 13:48:00 -04'00'

PROJECT #421-0702

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

SP-600 ALUMINUM SOFFIT SINGLE SPAN
SOFFIT LOAD SPANS AND INSTALLATION DETAILS

DATE: 6/4/21
DRAWING NO: KAY0016
SHEET: 13 OF 13

DRAWN BY: RJA
SCALE: N.T.S.
REV: A

PTC PRODUCT DESIGN GROUP, LLC
Longwood, FL 32752-0775
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

ADD NEW TESTING RESULTS
AND INSTALLATION DETAILS

8/31/21

DATE

BY