

3773 STATE ROAD, CUYAHOGA FALLS, OH 44223

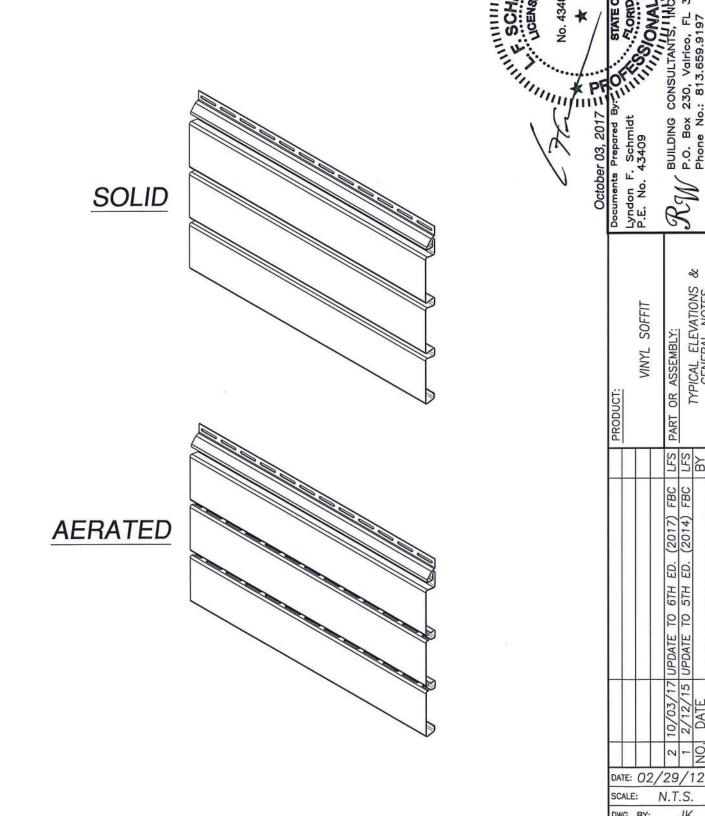
# "CHARTER OAK"

#### **VINYL SOFFIT**

#### **GENERAL NOTES:**

- 1. This product has been evaluated and is in compliance with the 6th Edition (2017) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ).
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 3. Site conditions not covered by this drawing are subject to further engineering analysis.
- 4. Wood/CMU wall construction, by others, must be designed properly to receive loads from the soffit and/or 2" x 2" batten strips.
- 5. Vinyl soffits shall be tested and labeled as conforming to the requirements of ASTM D 4477 and FBC Section 1709.10.

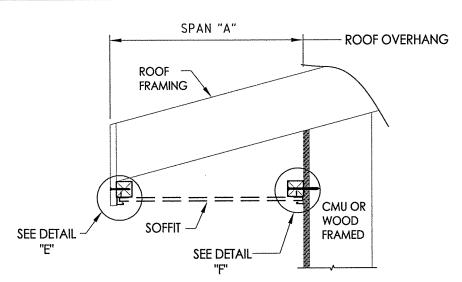
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N.T.S.

FL-15272.5 SHEET 1 OF 6

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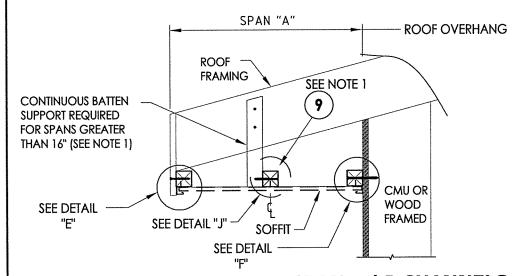
#### SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing overhang)

SINGLE SPAN LENGTH	DESIGN PRE	SSURE (PSF)
"A"	POSITIVE	NEGATIVE
**8"	+150.0	-150.0
*16"	+105.0	-110.0

<sup>\*</sup>Nailed at each end batten

<sup>\*\*</sup>Free floating

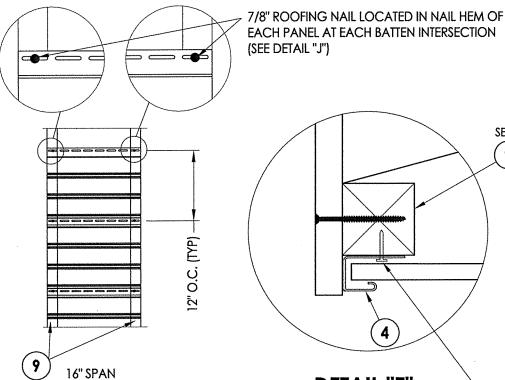


## **SIDE VIEW - DOUBLE SPAN w/ J-CHANNELS**

(Shown w/ truss/framing overhang)

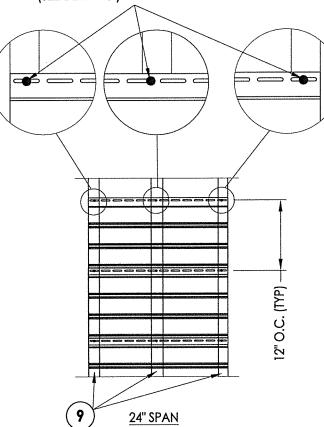
DOUBLE SPAN LENGTH	DESIGN PRE	
*24"	+70.0	-70.0
**24"	+50.0	-50.0

<sup>\*</sup>Nailed at each end and center batten



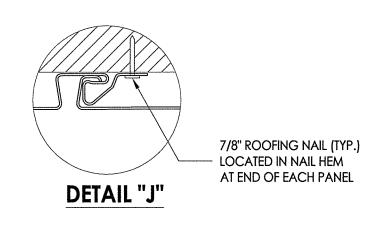
SEE NOTE 1 9 **DETAIL "E"** 

7/8" ROOFING NAIL LOCATED IN NAIL HEM OF EACH PANEL AT EACH BATTEN INTERSECTION (SEE DETAIL "J")

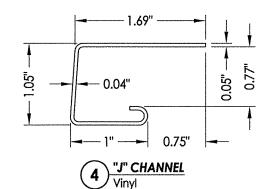


- 1. WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
- 2. ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.

7/8" roofing nail (typ.) 48" on center to hold "J" channel in place during installation for panels that are nailed @ "J" channel. Free floating panels require "J" channel to be nailed at 16" on center.



**DETAIL "F"** 

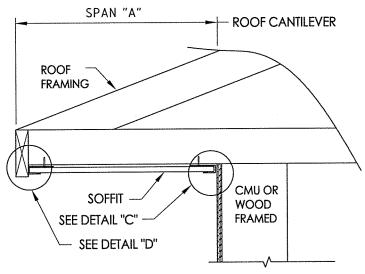


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VINYL SOFFIT

<sup>\*\*</sup>Nailed at center batten only

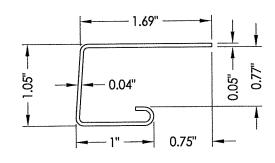
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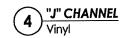


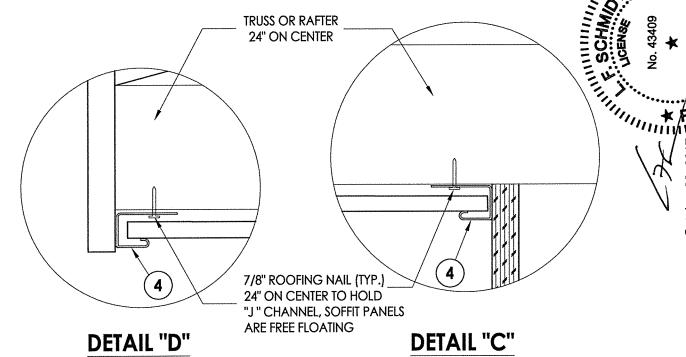
### SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

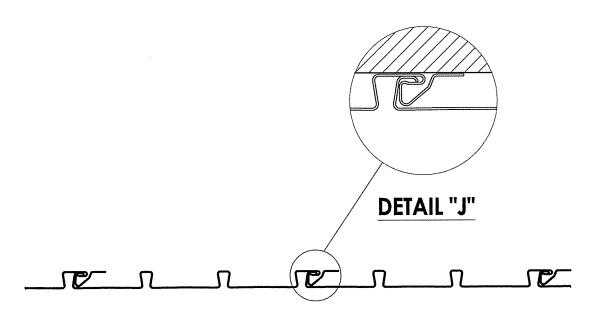
(Shown w/ truss/framing cantilever)

SINGLE SPAN LENGTH	AN LENGTH DESIGN PRI	
"A"	POSITIVE	NEGATIVE
8"	+40.0	-40.0
16"	+35.0	-35.0









SECTION THRU SOFFIT

NOTE:

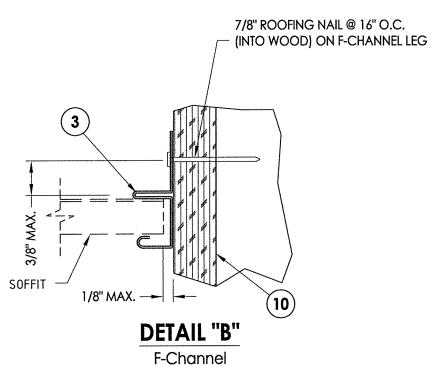
**AGAINST PANEL** 

FOR SQUARE CUT OVERHANG,

TRIM BOTTOM OF FASCIA FLAT

TRIM NAIL ATTACHED THROUGH FASCIA

@ 36" O.C. MAX.

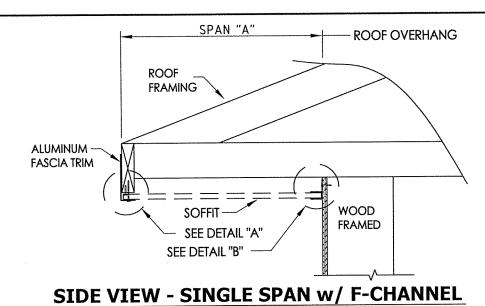


# - 0.84" **--** 0.04"

3 "F" CHANNEL Vinyl

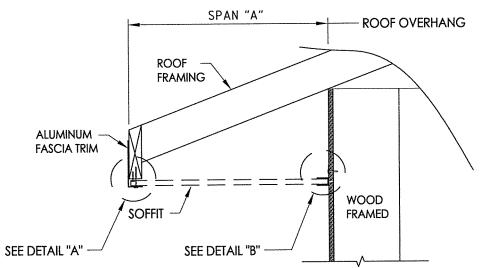
- 1. WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT
- 2. ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.

Ocionel us, 2017	Documents Prepared By: 20.: STATE OF	Lyndon F. Schmidt	P.E. No. 43409		BUILDING CONSULTANTS, INC.	UV /// P.O. Box 230, Valrico, FL 335	Phone No.: 813.659.9197	FBPE C.A. No. 9813	
	PRODUCT:		VINYL SOFFIT			6 ( = Y	SUFFII DEIAILS &	DESIGN FRESSONES	
					2 10/03/17 UPDATE TO 6TH ED. (2017) FBC   LFS   PART OR ASSEMBLY:	1 2/12/15 UPDATE TO 5TH	NO. DATE BY	REVISIONS	3 CONSULTANTS INC.
	SC. DW CH DR	ALE /G. K.	BY:	NO	.: 527	.S. JK .FS	3		© 2012 R.W. BUILDING CONSULTANTS INC.



(Shown w/ truss/framing cantilever)

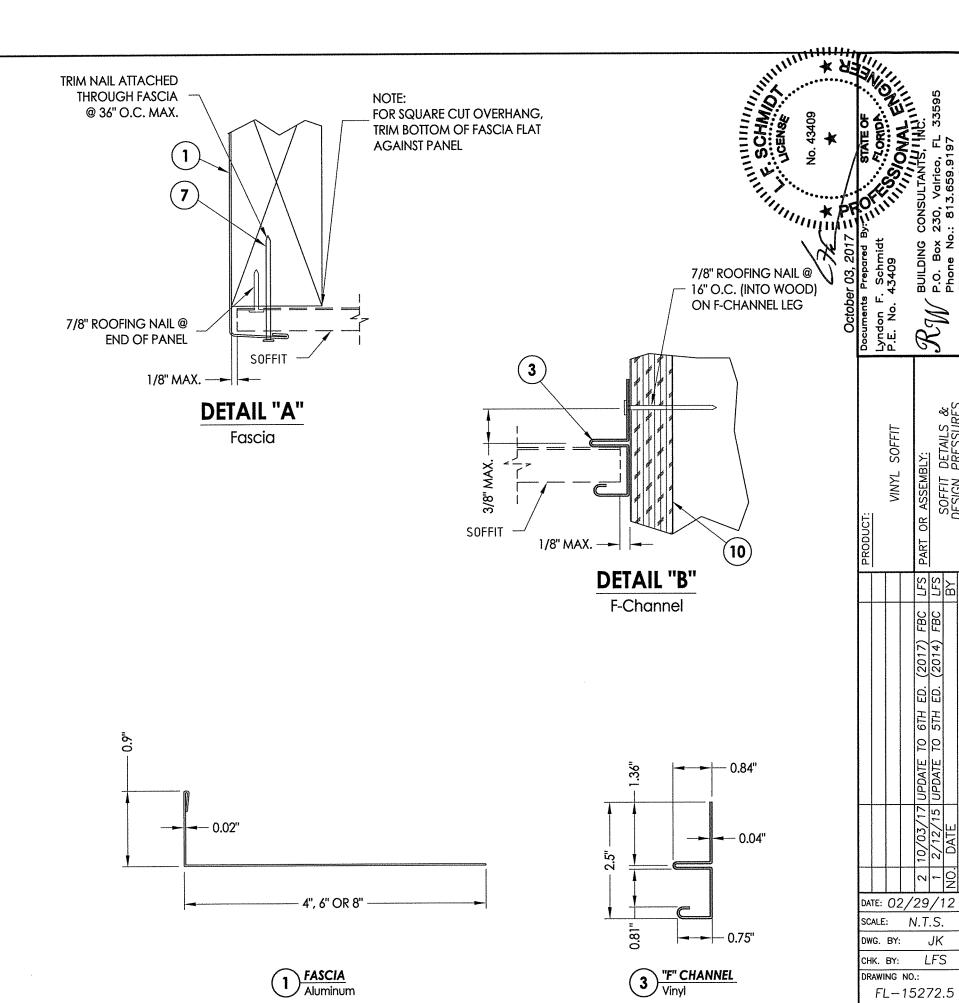
SINGLE SPAN LENGTH	DESIGN PRESSURE (PSF)		
"A"	POSITIVE	NEGATIVE	
8"	+116.0	-116.0	
16"	+36.0	-36.0	



#### SIDE VIEW - SINGLE SPAN w/ F-CHANNEL

(Shown w/ truss/framing overhang)

SINGLE SPAN LENGTH	DESIGN PR	DESIGN PRESSURE (PSF)	
"A"	POSITIVE	NEGATIVE	
8"	+116.0	-116.0	
16"	+36.0	-36.0	

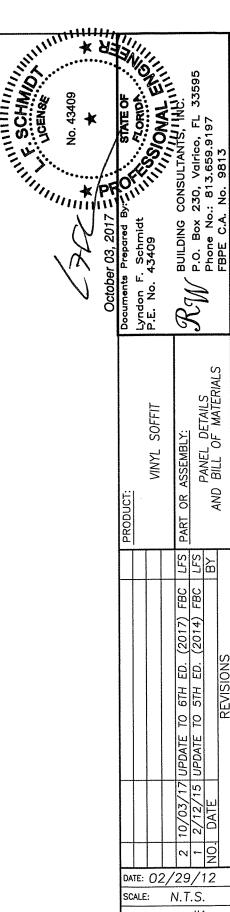


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SHEET <u>5</u> OF <u>6</u>

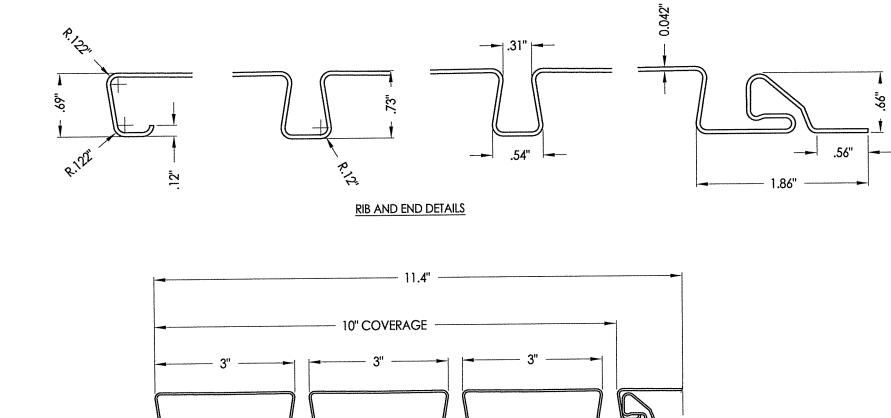
AERATED	3.84	2.7%
SOFFIT	FREE FLOW AREA (in²/ft²)	% FREE FLOW AREA
"CHARTER OAK"	AIR FL	OW

ITEM	DESCRIPTION	MATERIAL
1	FASCIA	ALUMINUM
3	"F" CHANNEL	VINYL
4	"J" CHANNEL	VINYL
6	CHARTER OAK PANEL	VINYL
7	#15 x 1-3/4" TRIM NAIL	\$.\$.
9	2" X 2" BATTEN STRIP SG=.42 OR BETTER	WOOD
10	APA B-C- GROUP 1 EXT. 15/32" PLYWOOD OR BETTER	WOOD



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**CHARTER OAK PANEL**