

GENERAL NOTES:

1. CWS 6" SOFFIT SYSTEM #1 (WITH PANEL 1A), SYSTEM #2 (WITH PANEL 1B) & SYSTEM #3 (WITH PANEL 1C) SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.), HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE.
- DESIGN WIND LOADS FOR EACH INSTALLATION SHALL BE DETERMINED AS PER SECTIONS 1620 & 1609 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 STANDARD AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATING INDICATED ON NOTE 3 BELOW.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 3 BELOW.
- IN ORDER TO VERIFY THAT COMPONENTS AND ANCHORS ON THIS P.E.D. AS TESTED WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS A DURATION FACTOR CD=1.60 WAS USED FOR VERIFICATION OF FASTENERS IN WOOD ANSI/AWC NDS-2024.
- PRODUCT'S ADEQUACY FOR WIND AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER ELEMENT LAB. REPORT #ESP039708P & #ESP041447P PER TAS 202 & 203 PROTOCOLS, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. SEE NOTE 11 FOR ADDITIONAL TESTING PERFORMED ON PRODUCT.
2. EXISTING WOOD FRAME SUPPORTING SOFFIT SHALL BE DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT AND SHALL BE BUILT FOR WIND RESISTENCE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
- SEE NOTES ON SHEET 14 FOR ADDED LIMITATIONS & CONDITIONS.
3. **MAXIMUM A.S.D. DESIGN WIND PRESSURE RATING FOR THIS PRODUCT SHALL BE AS PER SCHEDULE #2 ON SHEET 14.**
- * PROFILES 1A, 1B & 1C TO BE CONTINUOUS MIN. OVER 3 SPANS.
4. COMPONENTS FOR THIS PRODUCT SHALL BE AS INDICATED ON SHEETS 2, 6 & 10 OF THIS DRAWING. FASTENERS SHALL COMPLY WITH SECTION 1711 OF THE FLORIDA BUILDING CODE.
5. SUBSTRUCTURE (FURRING) COMPONENT 7 PROVIDING SUPPORT TO SOFFIT PANEL 1A, 1B & 1C MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE EXISTING WOOD FRAME SUPPORTING SOFFIT AT SPACINGS INDICATED ON SCHEDULE #1 ON SHEET 14. SUBSTRUCTURE (FURRING) COMPONENT 7 MUST BE AS INDICATED ON BILL OF MATERIALS ON SHEETS 2, 6 & 10, INSTALLED AT SPACING ON CENTER (MAX), USING SCHEDULE #2 ON SHEET 14. SEE DETAILS ON SHEETS 4 & 5 FOR SYSTEM #1, SHEETS 8 & 9 FOR SYSTEM #2 AND SHEETS 12 & 13 FOR SYSTEM #3. INSTALLATION DETAILS ON THIS P.E.D COVER FURRING 7 CONNECTION TO EXISTING WOOD FRAME SUPPORT FOR SOFFIT. ATTACHMENT OF FURRING 7 TO OTHER MATERIALS SHALL BE ENGINEERED SEPARATELY.
6. SOFFIT PROFILES (COMPONENTS 1A, 1B & 1C) ARE MADE OF COMPOSITE 100% RECYCLED PVC MATERIAL, LAMINATED WITH AN EXTERIOR FILM (COMPONENTS 10A & 10B) AS INDICATED ON BILL OF MATERIALS ON SHEET 2, 6 & 10.
7. THIS PRODUCT'S INSTALLATION SHALL COMPLY WITH ALL SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.
8. (a) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT: i.e. WHERE THE SITE CONDITIONS DEViate FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS P.E.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF MODIFIED.
- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. PROFESSIONAL OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWING FOR REVIEW.

- (e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
9. PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY VISIBLE AT PLANK LOCATION IN ACCORDANCE WITH SECTION 1703.5 OF THE FLORIDA BUILDING CODE.
10. SOFFIT PROFILES 1A, 1B & 1C INCLUDED IN THIS P.E.D ARE NOT VENTED. VENTING OF EXISTING ROOF WITH SOFFIT SHALL COMPLY WITH SECTIONS 1203.2 & 1203.3 OF THE FLORIDA BUILDING CODE, AS APPLICABLE.
11. ADDITIONAL TESTING PERFORMED ON PANELS 1A, 1B & 1C :

QUALIFICATION	TEST METHOD	TEST RESULT	REPORT #
MODULUS OF ELASTICITY	ASTM D638 (AFTER WEATHERING)	434,389 psi (AVERAGE)	23-06-P0002
WEATHERING	ASTM G-155 & ASTM D638	10% CHANGE AT MAX. LOAD	23-06-P0002
TENSILE STRESS AT BREAK	ASTM D638	4496 psi	23-06-P0002
IGNITION TEMPERATURE	ASTM D1929	887°F	23-06-P0002
RATE OF BURNING	ASTM D635	HB, CC1	23-06-P0002
SMOKE DENSITY	ASTM D2843	48<75	23-06-P0002
COEFFICIENT OF THERMAL EXPANSION	ASTM D3679	5.9X10 ⁻⁵ °C ⁻¹	20-06-p0051-FINAL

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA

INDEX FOR SOFFIT PANEL SYSTEMS:

PRODUCT

SOFFIT SYSTEM #1 (PANEL 1A)
SOFFIT SYSTEM #2 (PANEL 1B)
SOFFIT SYSTEM #3 (PANEL 1C)

SHEETS

2 THRU 5 & 14.
6 THRU 9 & 14.
10 THRU 13 & 14.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		W.H. DRAWN BY: 8/12/2026 DATE: 26-264 DRAWING No. 26-264 SHEET 1 OF 14	
CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.		Chamclad by Chameleon	
TILECO INC.		12810-170 ST. NW EDMONTON, AB T5V 0A6	
©2026 TILECO, INC.		TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St. Suite 105 VIRGINIA BEACH, VA 23066 Phone : (303) 871-1330 Fax : (303) 871-1531	
No. 44167		WALTER A. TILLIT JR. P.E. CA-0006719 FLORIDA Lic. # 44167	
STATE OF FLORIDA		P.E. SEAL/SIGNATURE/DATE	

BILL OF MATERIALS SOFFIT SYSTEM #1 (W/ PANEL 1A)

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1A	CWS 6" DECORATIVE EXTERIOR 1/2" SOFFIT PANEL	SEE COMPONENT DETAIL	COMPOSITE 100% RECYCLE PVC by ChamClad Chameleon	ChamClad by Chameleon	SEE INSTALLATION DETAILS ON SHEET 5
2.	EXTERIOR STARTER STRIP	SEE COMPONENT DETAIL	6063-T5 ALUMINUM ALLOY	ChamClad by Chameleon	ACCESSORY TO FIX 1A TO 7 AT BOTTOM EDGE OF HORIZONTAL 1A W/ 8
4.	6" SIDING 2 PC FINISH TRIM	SEE COMPONENT DETAIL	6063-T5 ALUMINUM (COVER) REGRIND RECYCLED PVC (BASE)	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PARALLEL OR PERPENDICULAR TO 1A AT END CONNECTED TO 7 W/ 8 (SEE ELEVATION).
6.	H-TRIM BASE & COVER CAP	SEE COMPONENT DETAIL	REGRIND RECYCLED PVC BASE + COVER	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PERPENDICULAR TO 1A AT END CONNECTED TO 7 W/ 8
7	WOOD FURRING	1" X 4" (NOMINAL)	SOUTHERN YELLOW PINE #2 P.T. WOOD	-	SUPPORT FOR 1A FIXED TO EXIST. STRUCTURE W/ 9
8.	FLAT HEAD TEK SCREW	#8 X 3/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1A OR ACCESSORIES TO 7 COUNTERSUNK AS NEEDED
8A.	FLAT HEAD TEK SCREW	#8 X 1 1/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1A TO 7 AT DETAIL 3/SHT. 5 COUNTERSUNK AS NEEDED
9.	FASTENERS	1/4"Ø FLAT HEAD ULTRACON SS4	AISI 410 STAINLESS STEEL	DEWALT.	USE TO CONNECT 7 TO EXISTING WOOD FRAME SUPPORTING SOFFIT. USE 1 1/2" MIN. EMBEDMENT,
10A	EXTERIOR PROTECTIVE FILM RENOLITE EXOFOL FX.	TOTAL THICKNESS=0.17-0.18mm	MULTILAYER FILM.TENSILE STRESS @ BREAK=15 MPa	RENOLIT	UV RESISTANT.
10B	EXTERIOR PROTECTIVE FILM COOL COLORS PLUS.	TOTAL THICKNESS=0.215mm	ACRYLIC FILM. TENSILE STRENGTH=20MPa.	CONTINENTAL	UV RESISTANT.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:

8/12/2026 DATE:

26-264 DRAWING No.

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

ChamClad by Chameleon

12810-170 ST. NW EDMONTON, AB T5V 0A6

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TILTECO inc.

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WALTER A. TILLIT JR.

FLORIDA

PROFESSIONAL ENGINEER

License No. 44167

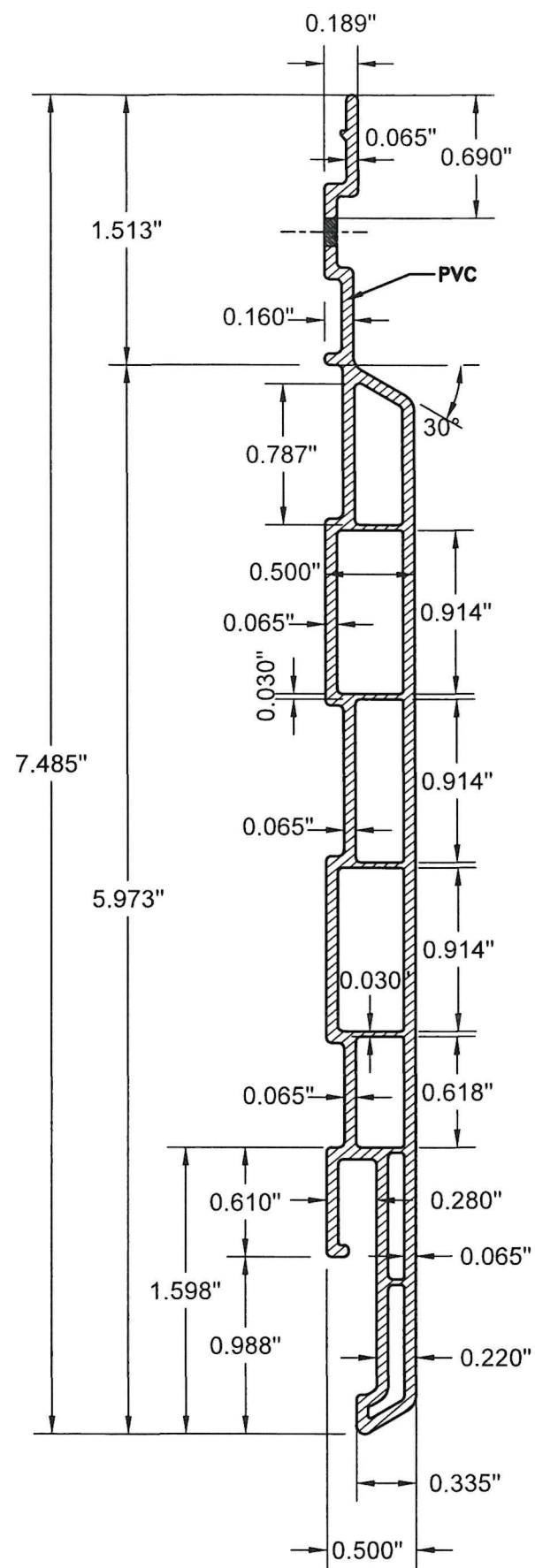
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Professional Engineer

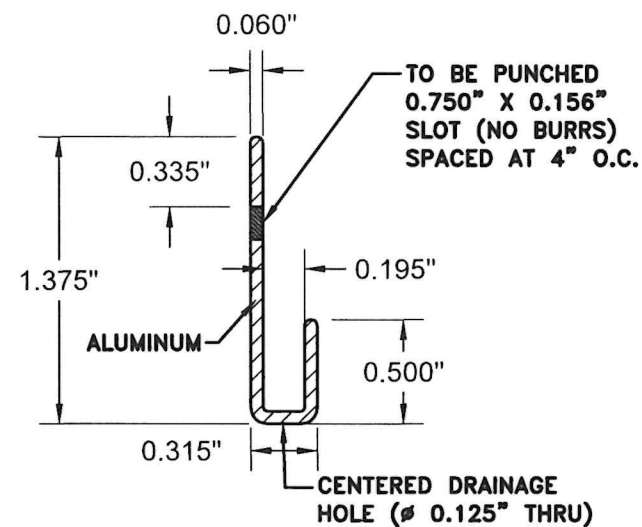
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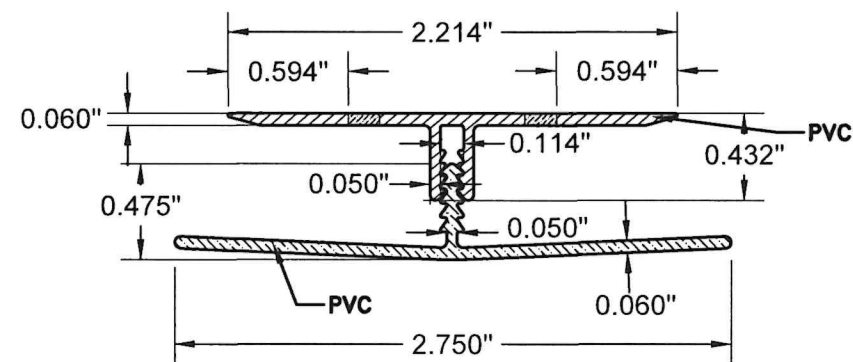
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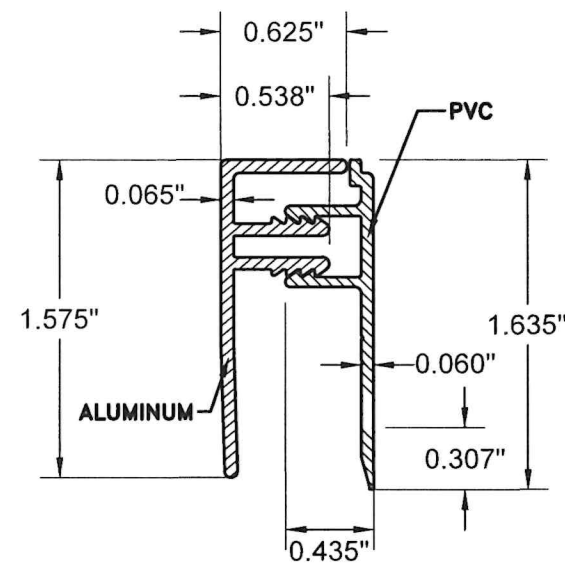
1A CWS 6" EXTERIOR 1/2"
SOFFIT PANEL W/ 10A OR 10B



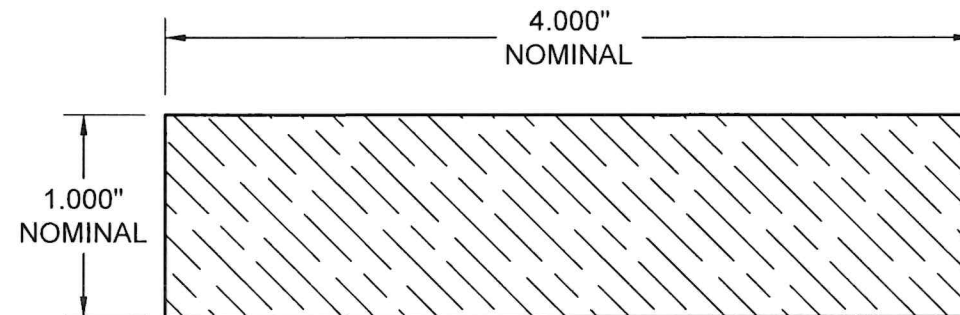
2 EXTERIOR STARTER
STRIP



6 H-TRIM BASE &
COVER CAP



4 6" SIDING 2 PC
FINISH TRIM



7 WOOD FURRING

COMPONENTS SOFFIT SYSTEM #1 W/ 1A SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR
SOFFIT SYSTEMS.

ChamClad
by Chameleon

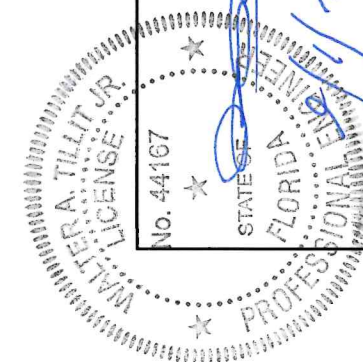
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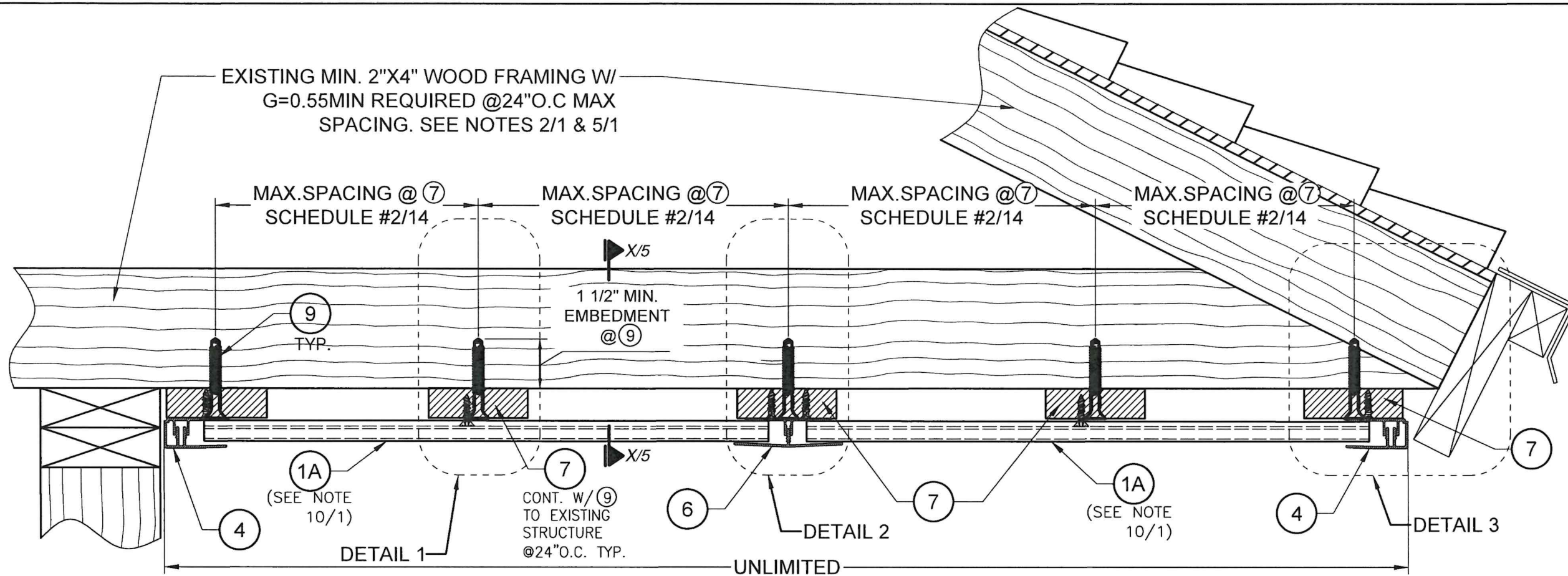
SHEET 3 OF 14

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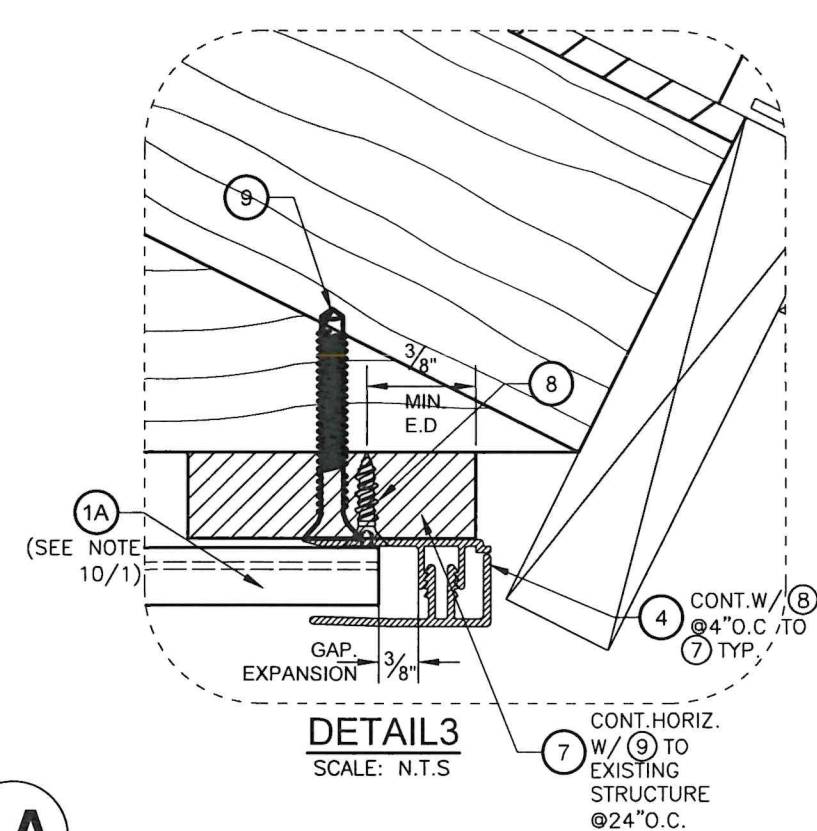
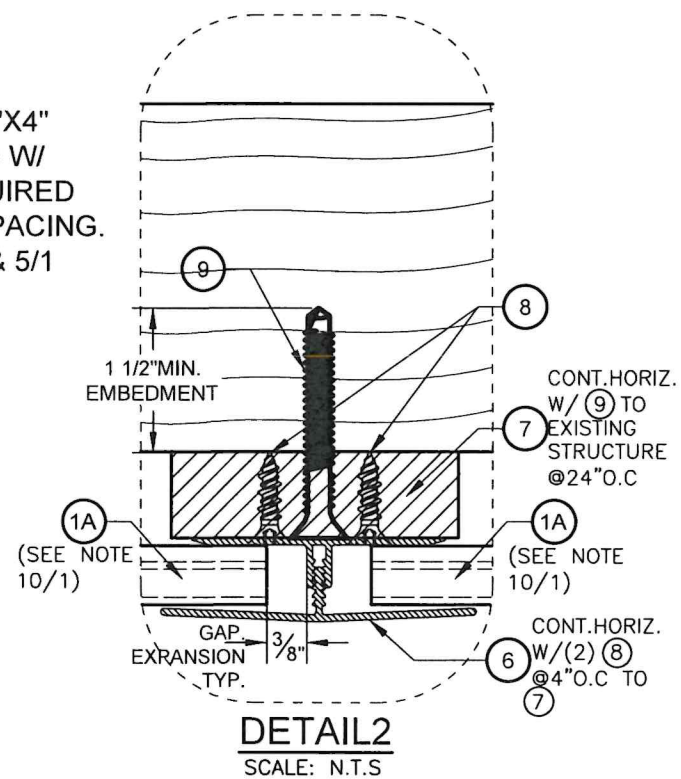
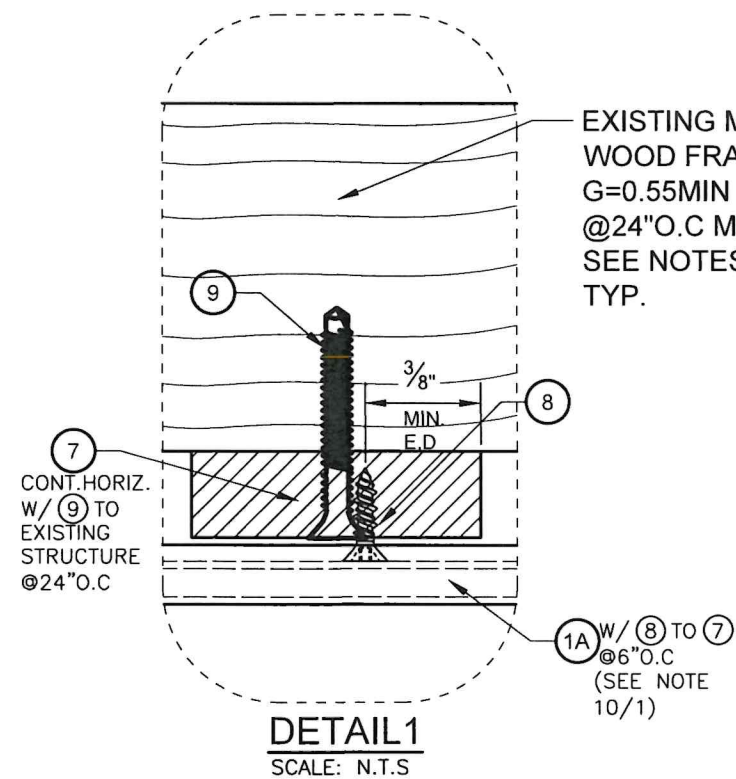
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TYPICAL GENERIC SOFFIT ELEVATION *

SCALE: N.T.S

* CONFIGURATION IS SCHEMATIC. OTHER ROOF CONFIGURATIONS MAY APPLY.



SOFFIT SYSTEM #1 W/ 1A

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

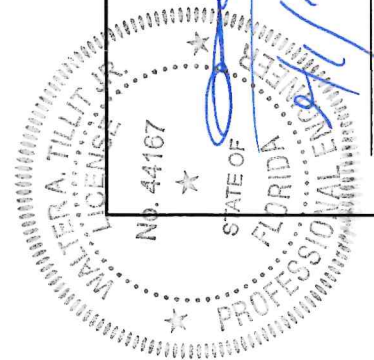
ChamClad
by Chameleon

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EDMONTON, AB T5V 0A6

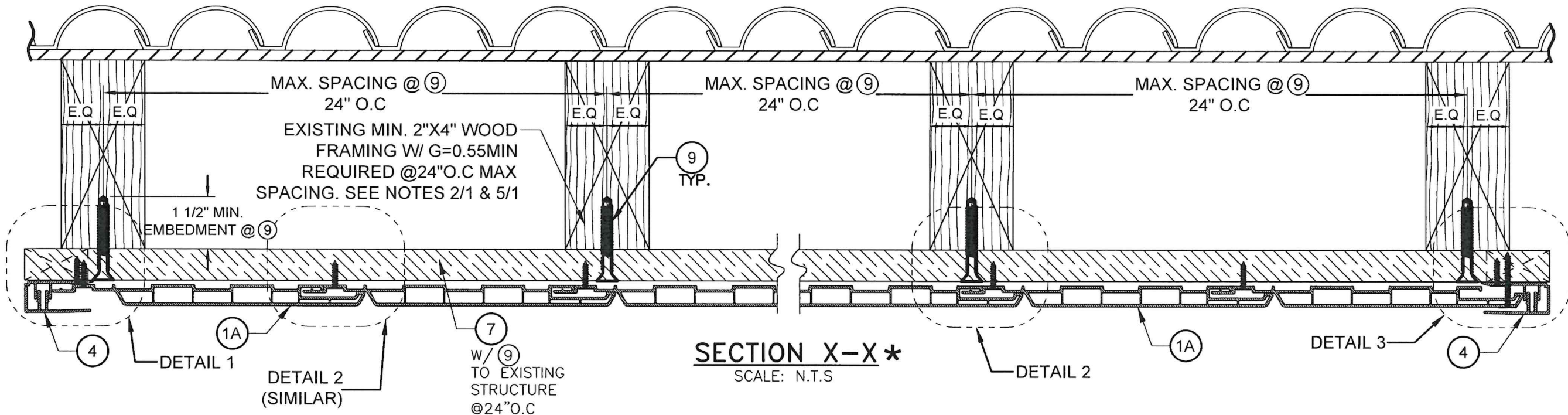
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DATE 8/12/26
REV. NO. 3
DESCRIPTION
DATE
SHEET 4 OF 14

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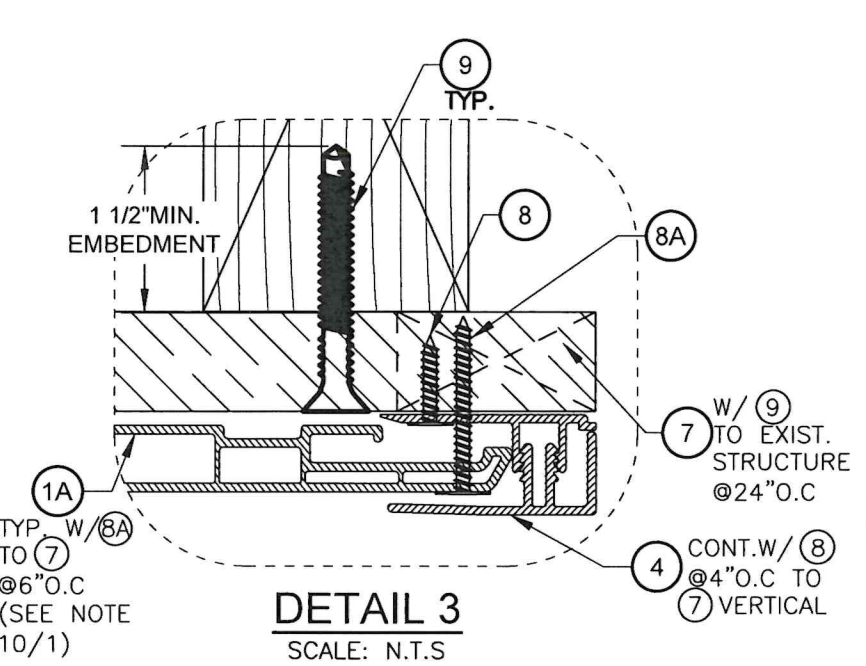
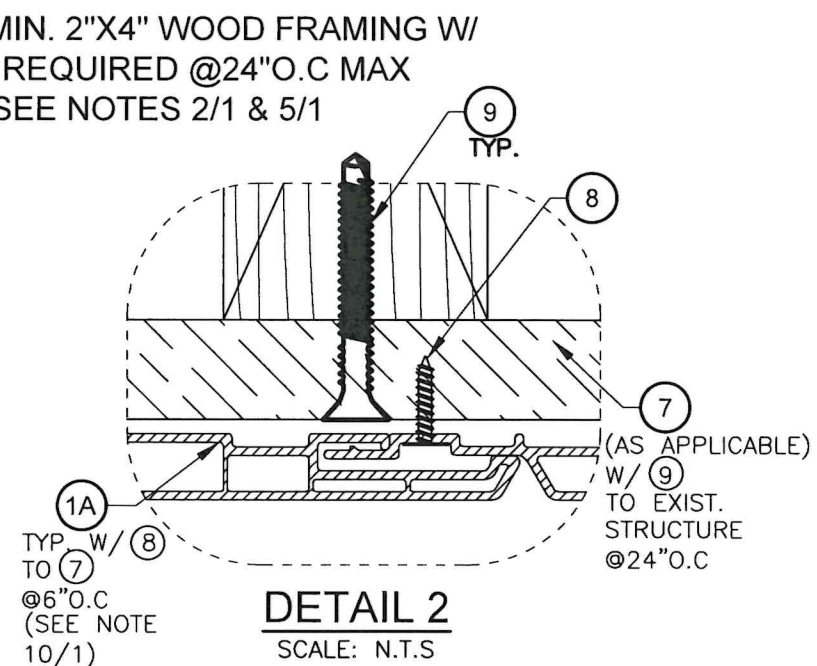
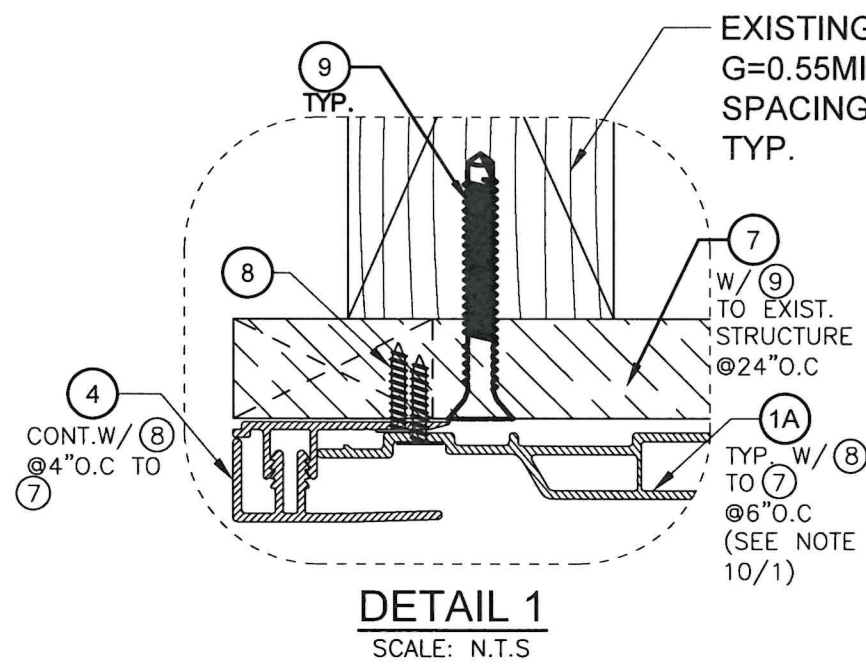
TILTECO INC.
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* CONFIGURATION IS SCHEMATIC. OTHER ROOF CONFIGURATIONS MAY APPLY.



SOFFIT SYSTEM #1 W/ 1A

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

ChamClad by Chameleon

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EDMONTON, AB T5V 0A6

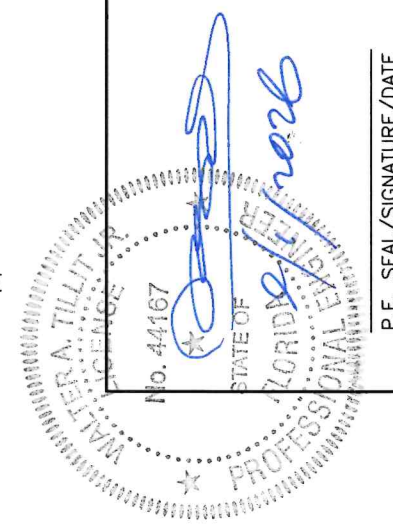
W.H. DRAWN BY: 8/12/2026
DATE: 26-264
DRAWING No. 5 OF 14

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P.E. SEAL/SIGNATURE/DATE

BILL OF MATERIALS
 SOFFIT SYSTEM #2 (W/ PANEL 1B)

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1B	CWS 6" DECORATIVE EXTERIOR 1/2" SOFFIT PANEL	SEE COMPONENT DETAIL	COMPOSITE 100% RECYCLE PVC by ChamClad Chameleon	ChamClad by Chameleon	SEE INSTALLATION DETAILS ON SHEET 9
2	EXTERIOR STARTER STRIP	SEE COMPONENT DETAIL	6063-T5 ALUMINUM ALLOY	ChamClad by Chameleon	ACCESSORY TO FIX 1B TO 7 AT BOTTOM EDGE OF HORIZONTAL 1B W/ 8
4	6" SIDING 2 PC FINISH TRIM	SEE COMPONENT DETAIL	6063-T5 ALUMINUM (COVER) REGRIND RECYCLED PVC (BASE)	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PARALLEL OR PERPENDICULAR TO 1B AT END CONNECTED TO 7 W/ 8 (SEE ELEVATION).
6	H-TRIM BASE & COVER CAP	SEE COMPONENT DETAIL	REGRIND RECYCLED PVC BASE + COVER	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PERPENDICULAR TO 1B AT END CONNECTED TO 7 W/ 8
7	WOOD FURRING	1" X 4" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1B FIXED TO EXIST. STRUCTURE W/ 9
8	FLAT HEAD TEK SCREW	#8 X 3/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1B OR ACCESSORIES TO 7 COUNTERSUNK AS NEEDED
8A	FLAT HEAD TEK SCREW	#8 X 1 1/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1B TO 7 AT DETAIL 3/SHT. 9 COUNTERSUNK AS NEEDED
9	FASTENERS	1/4"Ø FLAT HEAD ULTRACON SS4	AISI 410 STAINLESS STEEL	DEWALT.	USE TO CONNECT 7 TO EXISTING WOOD FRAME SUPPORTING SOFFIT.
10A	EXTERIOR PROTECTIVE FILM RENOLITE EXOFOL FX.	TOTAL THICKNESS=0.17-0.18mm	MULTILAYER FILM.TENSILE STRESS @ BREAK=15 MPa	RENOLIT	UV RESISTANT.
10B	EXTERIOR PROTECTIVE FILM COOL COLORS PLUS.	TOTAL THICKNESS=0.215mm	ACRYLIC FILM. TENSILE STRENGTH=20MPa.	CONTINENTAL	UV RESISTANT.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 8/12/2026 DATE: 26-264 DRAWING No.

ChamClad by Chameleon

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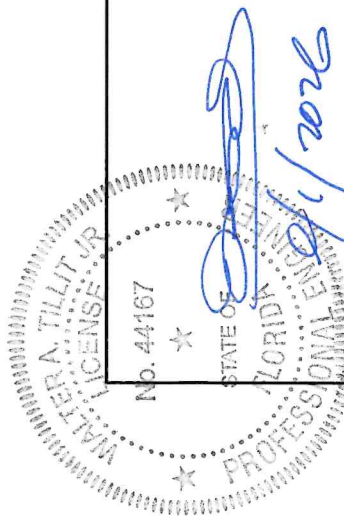
SHEET 6 OF 14

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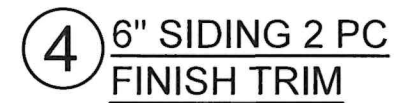
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COMPONENTS

SOFFIT SYSTEM #2 W/ (1B)

SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.	W.H. DRAWN BY:
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ChamClad
by Chameleon

26-264

DRAWING No.

REV NO	DESCRIPTION	DATE	REV NO	DESCRIPTION	DATE
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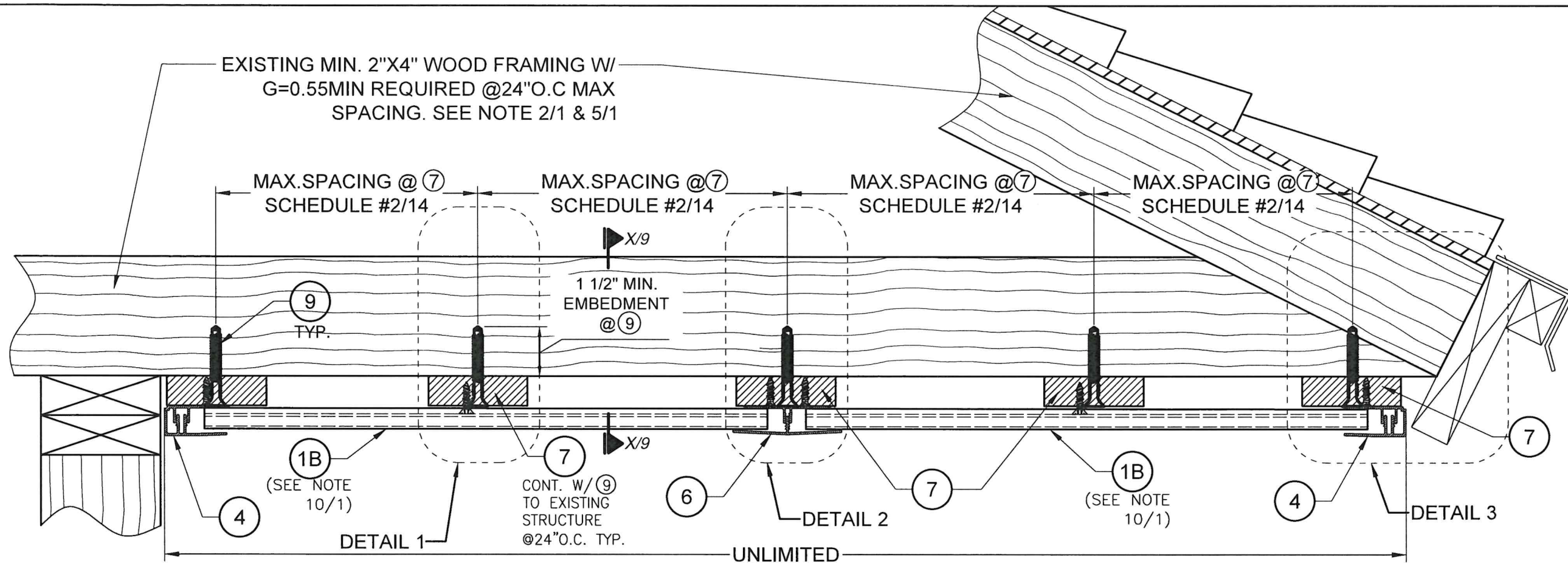
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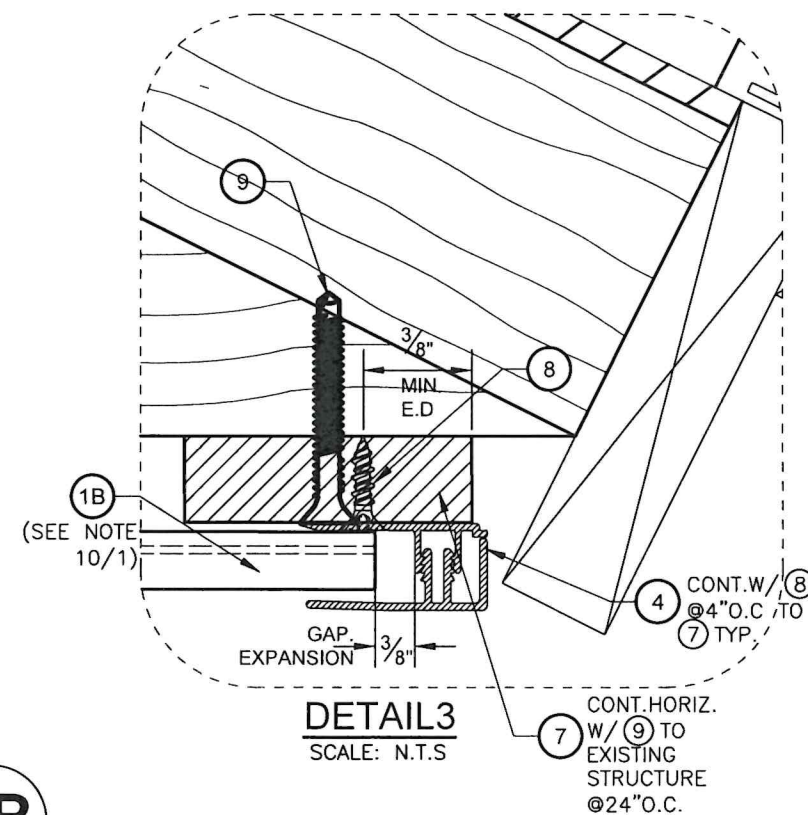
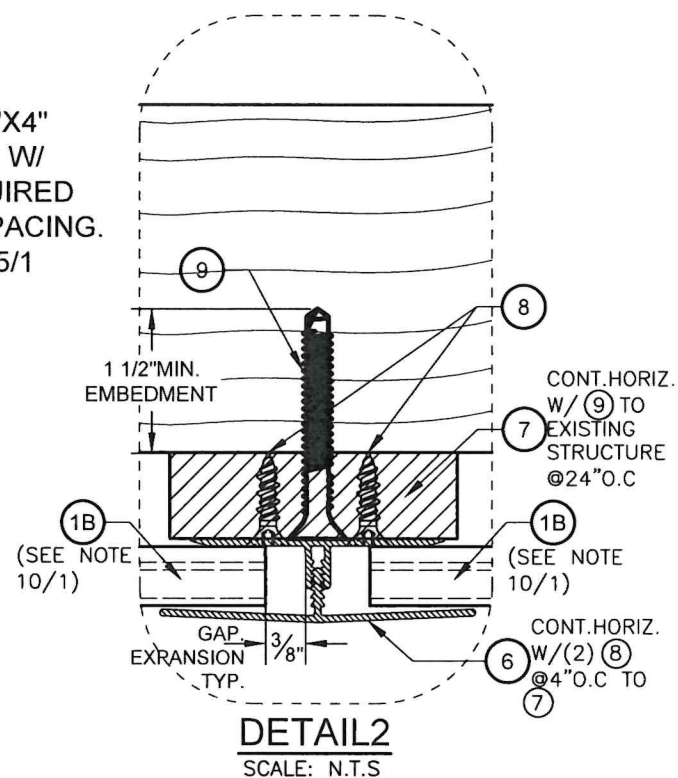
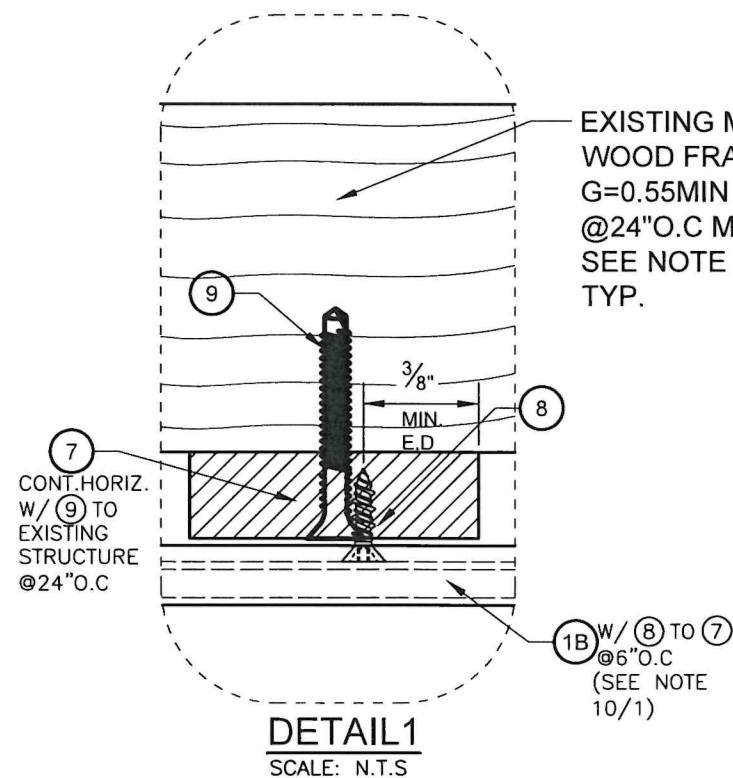
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TYPICAL GENERIC SOFFIT ELEVATION *

SCALE: N.T.S

* CONFIGURATION IS SCHEMATIC. OTHER ROOF CONFIGURATIONS MAY APPLY.



SOFFIT SYSTEM #2 W/ (1B)

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

Chamclad
by Chameleon

12810-170 ST. NW
EDMONTON, AB T5V 0A6

REV. NO. 1
DESCRIPTION 1
DATE 8/12/26
REV. NO. 2
DESCRIPTION 2
DATE 8/12/26

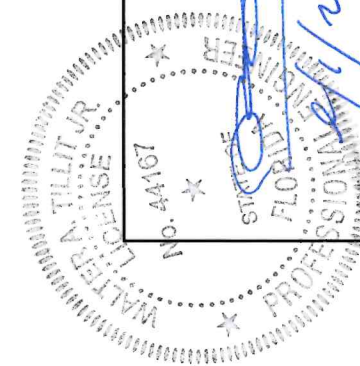
SHEET 8 OF 14

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WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167



P.E. SEAL/SIGNATURE/DATE



BILL OF MATERIALS
 SOFFIT SYSTEM #3 (W/ PANEL 1C)

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1C	CWS 6" DECORATIVE EXTERIOR 1/2" SOFFIT PANEL	SEE COMPONENT DETAIL	COMPOSITE 100% RECYCLE PVC by ChamClad Chameleon	ChamClad by Chameleon	SEE INSTALLATION DETAILS ON SHEET 13
2.	EXTERIOR STARTER STRIP	SEE COMPONENT DETAIL	6063-T5 ALUMINUM ALLOY	ChamClad by Chameleon	ACCESSORY TO FIX 1C TO 7 AT BOTTOM EDGE OF HORIZONTAL 1C W/ 8
4.	6" SIDING 2 PC FINISH TRIM	SEE COMPONENT DETAIL	6063-T5 ALUMINUM (COVER) REGRIND RECYCLED PVC (BASE)	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PARALLEL OR PERPENDICULAR TO 1C AT END CONNECTED TO 7 W/ 8 (SEE ELEVATION).
6.	H-TRIM BASE & COVER CAP	SEE COMPONENT DETAIL	REGRIND RECYCLED PVC BASE + COVER	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PERPENDICULAR TO 1C AT END CONNECTED TO 7 W/ 8
7	WOOD FURRING	1" X 4" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1C FIXED TO EXIST. STRUCTURE W/ 9
8.	FLAT HEAD TEK SCREW	#8 X 3/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1C OR ACCESSORIES TO 7 COUNTERSUNK AS NEEDED
8A.	FLAT HEAD TEK SCREW	#8 X 1 1/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1C TO 7 AT DETAIL 3/SHT.13 COUNTERSUNK AS NEEDED
9.	FASTENERS	1/4"Ø FLAT HEAD ULTRACON SS4	AISI 410 STAINLESS STEEL	DEWALT.	USE TO CONNECT 7 TO EXISTING WOOD FRAME SUPPORTING SOFFIT. USE 1 1/2" MIN. EMBEDMENT,
10A	EXTERIOR PROTECTIVE FILM RENOLITE EXOFOL FX.	TOTAL THICKNESS=0.17-0.18mm	MULTILAYER FILM.TENSILE STRESS @ BREAK=15 MPa	RENOLIT	UV RESISTANT.
10B	EXTERIOR PROTECTIVE FILM COOL COLORS PLUS.	TOTAL THICKNESS=0.215mm	ACRYLIC FILM. TENSILE STRENGTH=20MPa.	CONTINENTAL	UV RESISTANT.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 8/12/2026 DATE: 26-264 DRAWING No. SHEET 10 OF 14

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

ChamClad
 by Chameleon

12810-170 ST. NW
 EDMONTON, AB T5V 0A6

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 24-016	8/12/26	3		
2			4		

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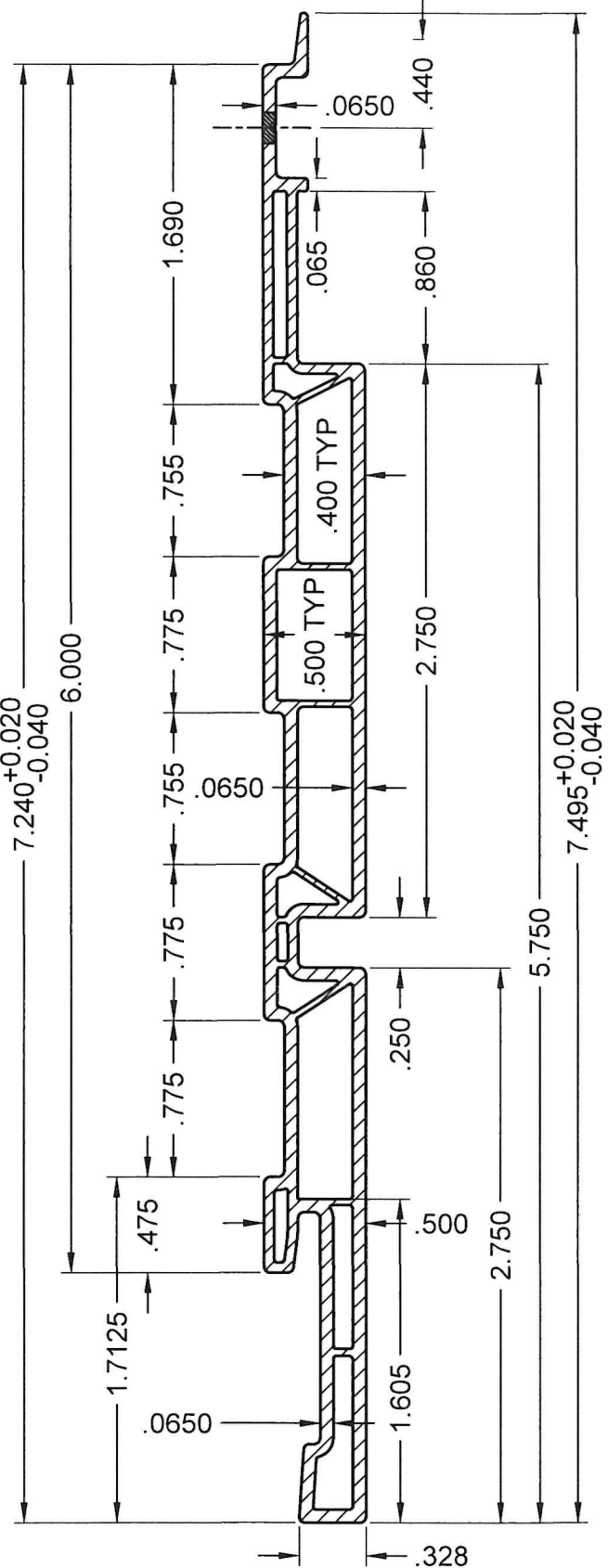
TILTECO inc.

TILLIT TESTING & ENGINEERING COMPANY
 6555 HWY. 360, SUITE 100, FARMERSVILLE, TX 77834
 Phone : (361) 931-1331 Fax : (361) 931-1531
 CA-0006719
 WALTER A. TILLIT Jr. P.E.
 FLORIDA Lic. # 44167

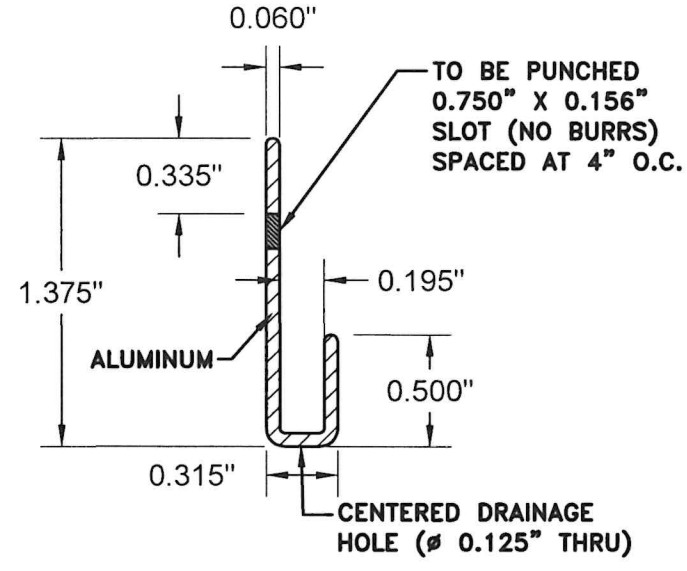
No. 44167

8/12/2026

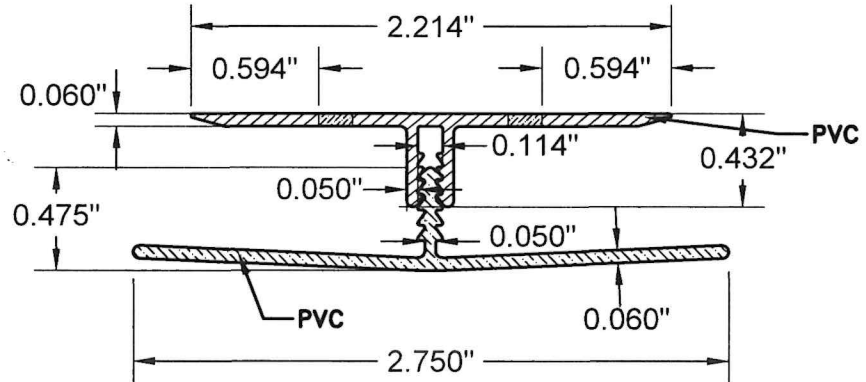
P.E. SEAL/SIGNATURE/DATE



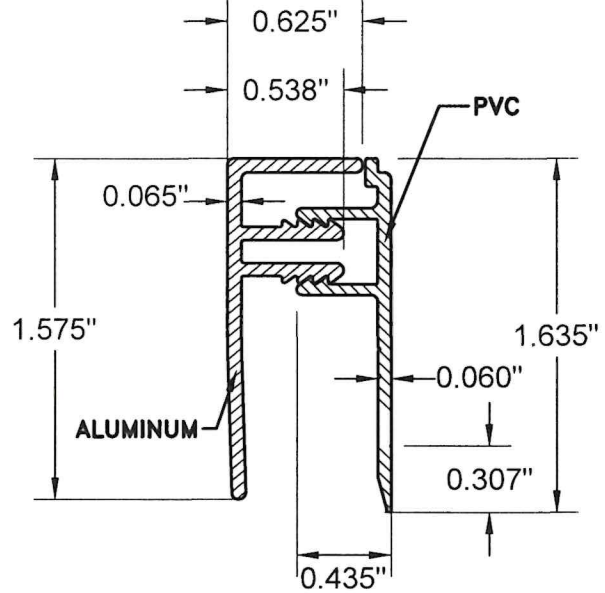
1C CWS 6" EXTERIOR 1/2" SOFFIT PANEL W/ **10A** OR **10B**



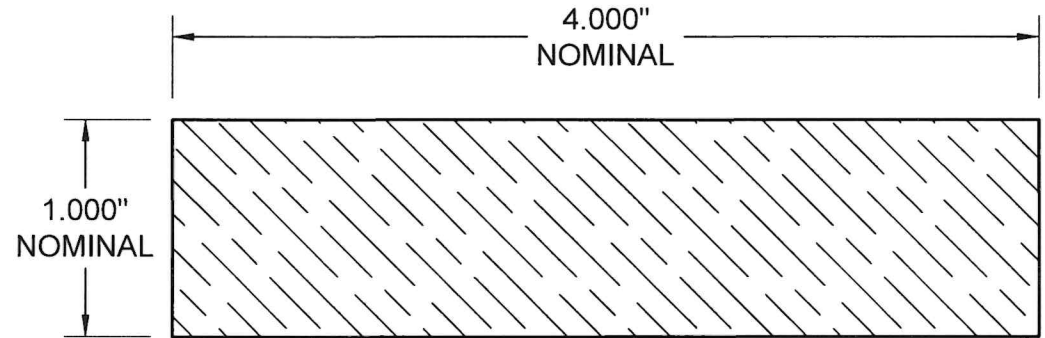
2 EXTERIOR STARTER STRIP



6 H-TRIM BASE & COVER CAP

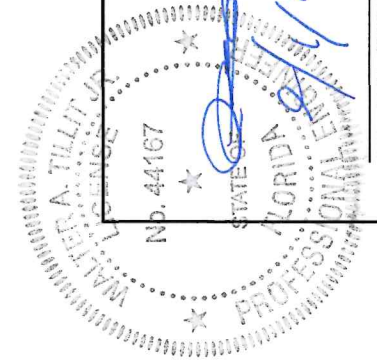


4 6" SIDING 2 PC FINISH TRIM



7 WOOD FURRING

COMPONENTS
SOFFIT SYSTEM #3 W/ 1C
SCALE: N.T.S



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

Chamclad by Chameleon

12810-170 ST. NW
EDMONTON, AB T5V 0A6

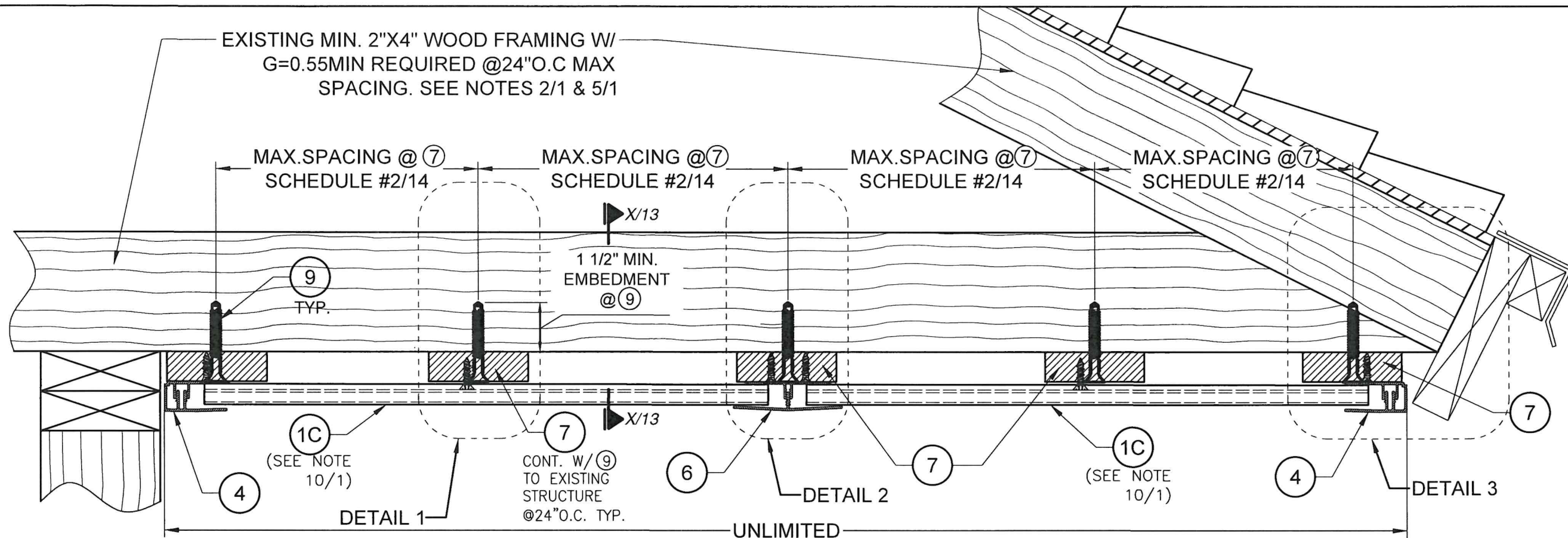
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TILTECO inc.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 35th Ave., Suite 100, Fort Lauderdale, FL 33316
Phone: (305) 871-1330 Fax: (305) 871-1531
CA-0006719
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

W.H. DRAWN BY: 8/12/2026 DATE: 26-264 DRAWING No. 11 OF 14

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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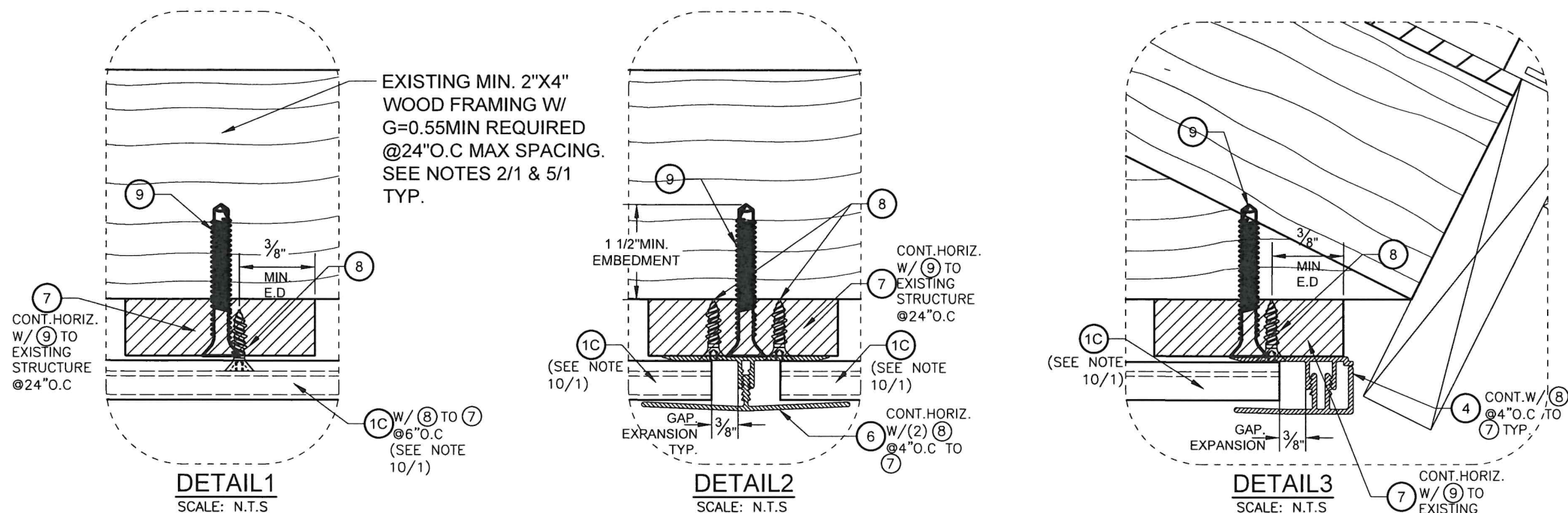
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TYPICAL GENERIC SOFFIT ELEVATION *

SCALE: N.T.S

* CONFIGURATION IS SCHEMATIC. OTHER ROOF CONFIGURATIONS MAY APPLY.



SOFFIT SYSTEM #3 W/ (1C)

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

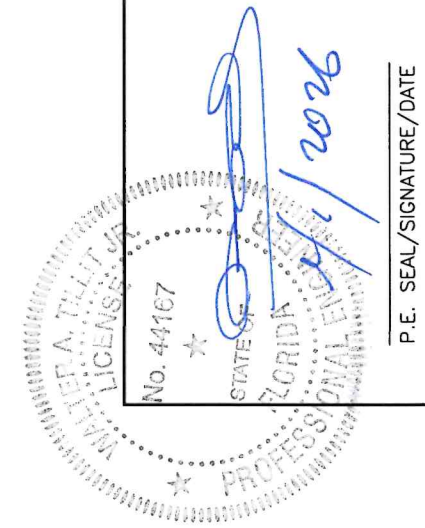
©2026 TILTECO, INC.		CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.		W.H. DRAWN BY:			
TILTECO inc. TILLIT TESTING & ENGINEERING COMPANY 3355 N.W. 36th St. Ste. 305 VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 - Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		ChamClad by Chameleon		8/12/2026 DATE:			
		12810-170 ST. NW EDMONTON, AB T5V 0A6		26-264 DRAWING No.			
		REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
		1	OLD 24-016	8/12/26	3		
		2			4		
						SHEET 12 OF 14	

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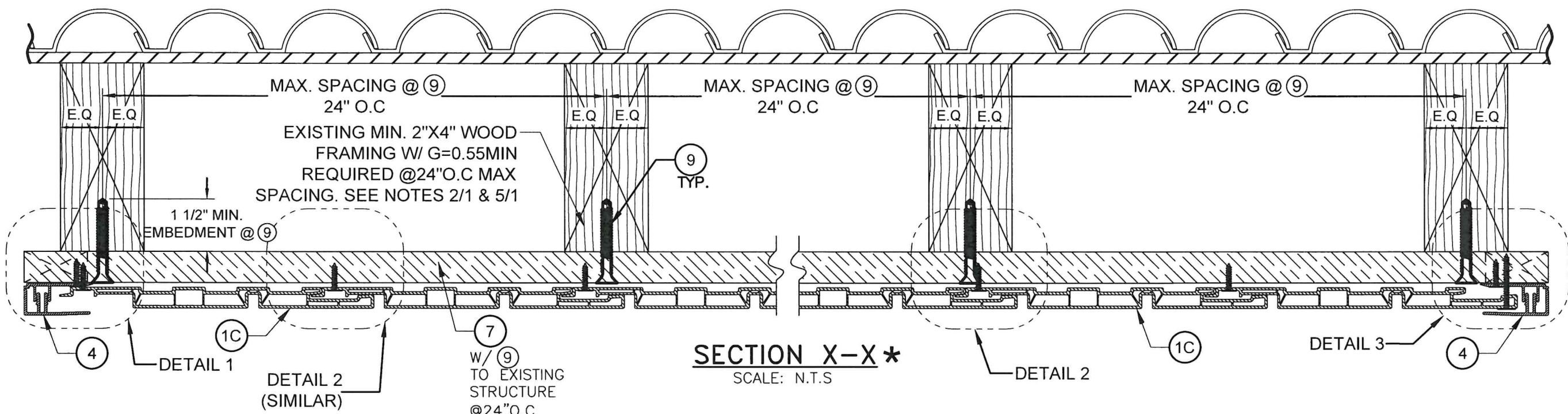
TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 W. 36th Ave. Suite 100, Fort Lauderdale, FL 33316
Phone: (305) 971-1530 Fax: (305) 971-1531

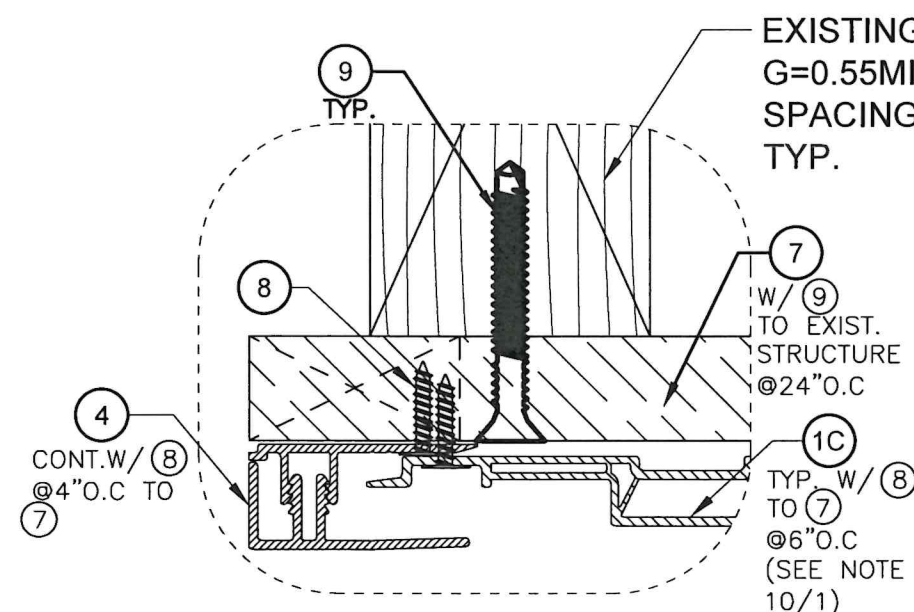
WALTER A. TILLIT JR. P.E.
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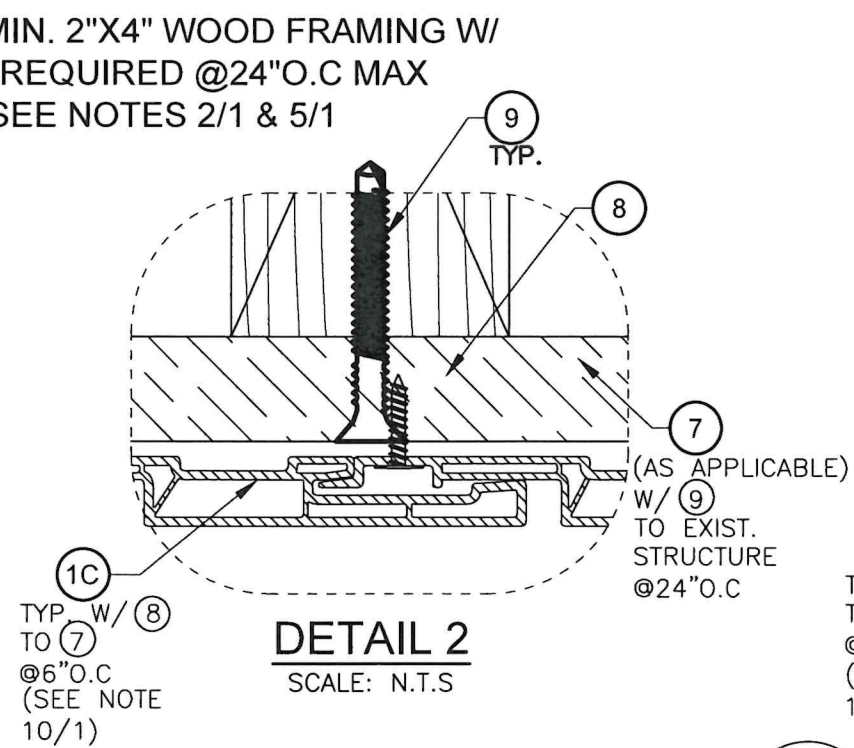
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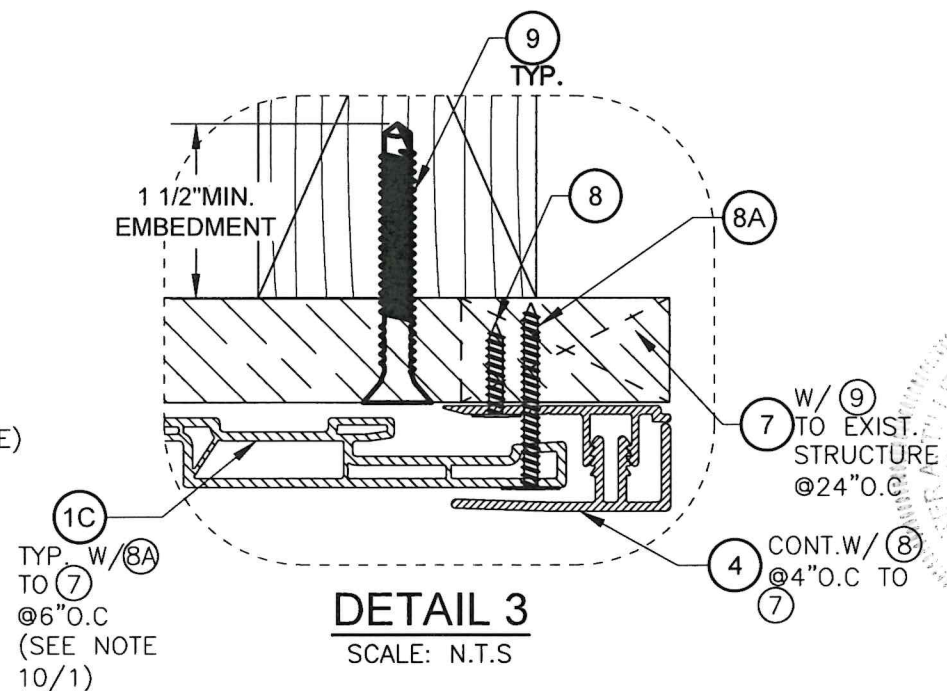
* CONFIGURATION IS SCHEMATIC. OTHER ROOF CONFIGURATIONS MAY APPLY.



DETAIL 1
SCALE: N.T.S



DETAIL 2
SCALE: N.T.S



DETAIL 3
SCALE: N.T.S

SOFFIT SYSTEM #3 W/ 1C

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			
CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.		ChamClad by Chameleon	
TILTECO INC.		12810-170 ST. NW EDMONTON, AB T5V 0A6	
TILIT TESTING & ENGINEERING COMPANY		WALTER A. TILIT JR. P.E.	
6355 NW 36th St., Suite 100, Fort Lauderdale, FL 33309		FLORIDA Lic. # 44167	
Phone: (305) 971-1531		Fax: (305) 971-1531	
CA-0006719		DATE: 8/12/26	
REV. NO. 1		REV. NO. 3	
DESCRIPTION		DESCRIPTION	
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97		100	

No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
WALTER A. TILIT JR. P.E.
9/1/2026
P.E. SEAL/SIGNATURE/DATE

SCHEDULE #1

ANCHOR 9 SCHEDULE FOR ANCHORING OF COMPONENT 7 TO EXISTING WOOD FRAME SUPPORTING SOFFIT @24"O.C (VALID FOR SOFFIT SYSTEMS #1, #2 & #3)

MAX. DESIGN PRESSURE RATING (psf)	ANCHOR TYPE	SUBSTRATE @ WOOD FRAME SUPPORTING SOFFIT	
		WOOD** MIN. G = 0.55	
		MIN. E.D.	MIN. EMB.
+50.0, -52.0	9	3/4"	1 1/2"
+57.0, -64.0	9	3/4"	1 1/2"
+66.7, -75.0	9	3/4"	1 1/2"
+80.0, -87.0	9	3/4"	1 1/2"
+100,-99.0	9	3/4"	1 1/2"

NOTES: **

1. 9 MUST BE ANCHORED TO EXISTING 2X WOOD FRAME SUPPORTING SOFFIT (SEE NOTES 2/1 & 5/1) @24"O.C(MAX.).
2. MIN. 1 1/2" EMBEDMENT FOR 9 IS REQUIRED INTO THE 2X WOOD FRAME SUPPORTING SOFFIT.
3. EXISTING WOOD FRAME SUPPORTING SOFFIT MUST COMPLY WITH GENERAL NOTE #2 ON SHEET 1, AND MUST BE SPACED 24"O.C MAX.
4. FASTENER 9 MUST BE INSTALLED AT MIDWIDTH OF EXISTING 2X WOOD FRAME SUPPORTING SOFFIT.

SCHEDULE #2

MAX. 7 (FURRING) SPACING (ON CENTERS) VERSUS MAX ALLOWED PRESSURE RATING FOR PANELS 1A, 1B & 1C

MAX. SPACING FOR 7 ON CENTERS @ WOOD FRAME SUPPORTING SOFFIT.	MAX. DESIGN PRESSURE RATING (psf.)
16"O.C	+50.0 , -52.0
14"O.C	+62.5, -64.0
12"O.C	+75.0 , -75.0
10"O.C	+87.5 , -87.0
8"O.C	+100.0 , -99.0

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 8/12/2026 DATE: 26-264 DRAWING No. SHEET 14 OF 14

CWS 6" DECORATIVE EXTERIOR SOFFIT SYSTEMS.

ChamClad by Chameleon

12810-170 ST. NW EDMONTON, AB T5V 0A6

TILECO INC.

TILLIT TESTING & ENGINEERING COMPANY 6355 NW 156 ST. SUITE 305 VIRGINIA GARDENS, FL 33166 Phone : (305)971-1530 Fax : (305)971-1531 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167

No. 44167

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9/1/2026

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