



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Exterior Portfolio, LLC
1441 Universal Road
Columbus, OH 43207

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Extruded Rigid PVC Siding and Soffit

APPROVAL DOCUMENT: Drawing No. 08-01056, titled "Siding and Soffit, Extruded Rigid PVC" sheets 1 through 6 of 6, dated 07/26/2010, with revision C dated 01/28/2014, prepared by the manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each piece shall bear a permanent label marked at not more than 4' o.c. with the manufacturer name or logo, city, state, and "MDCPCA" and on soffit packaging it shall state: Manufacturer name, city, state, model number/name, NOA number, TAS 202/TAS 203, net free area and the following statement: "Miami-Dade County Product Control Approved" per FBC 1715.9.2 and 1715.9.3.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 12-0911.01 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Handwritten signature and date: 05/29/2014

NOA No. 14-0221.01
Expiration Date: May 26, 2016
Approval Date: June 5, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **08-01056**, titled "Siding and Soffit, Extruded Rigid PVC" sheets 1 through 6 of 6, dated 07/26/2010, with revision C dated 01/28/2014, prepared by the manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1.	Test Report No.	Standard	Date	Signature
	D1218.01-109-18	TAS 202 and 203	01/09/14	Michael D. Stremmel, P.E.

"Submitted under NOA # 11-0223.16"

	Test Report No.	Standard	Date	Signature
2.	98951.01-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
3.	98951.02-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
4.	98951.03-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
5.	98952.01-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
6.	98952.02-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
7.	98953.01-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
8.	98953.02-109-18	TAS 202 and 203	05/20/10	Michael D. Stremmel, P.E.
9.	98955.01-109-18	TAS 202 and 203	06/14/10	Michael D. Stremmel, P.E.
10.	A4167.01-106-18	ASTM E84, D2843	01/31/11	Joseph A. Reed, P.E.
11.	A0417.01-106-18	ASTM D3679, D696, D635, G155, D638, D1929	03/01/11	Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor verification calculations dated 01/27/2014, prepared, signed and sealed by Luis R. Lomas, P.E.

"Submitted under NOA # 11-0223.16"

2. Anchor verification calculations, complying with FBC-2007, dated 07/28/2010 and 04/20/2011, prepared, signed and sealed by Luis R. Lomas, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

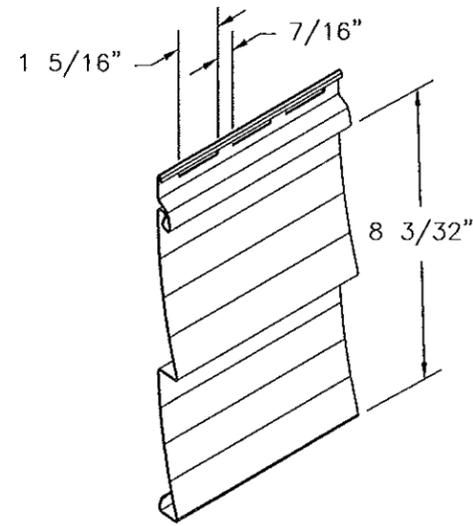
1. Statement letter of code conformance to 2010 and 2014 FBC and no financial interest, dated 04/23/2014, signed and sealed by Luis R. Lomas, P.E.


05/29/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-0221.01
Expiration Date: May 26, 2016
Approval Date: June 5, 2014

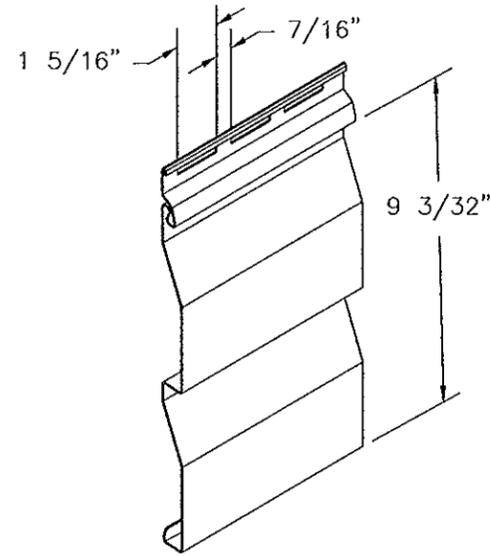
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	PER MARKED UP DRAWINGS FROM DADE	04/19/11	R.L.
B	REVISED MANUFACTURER'S NAME	08/29/12	R.L.
C	ADDED DETAIL D	01/28/14	R.L.



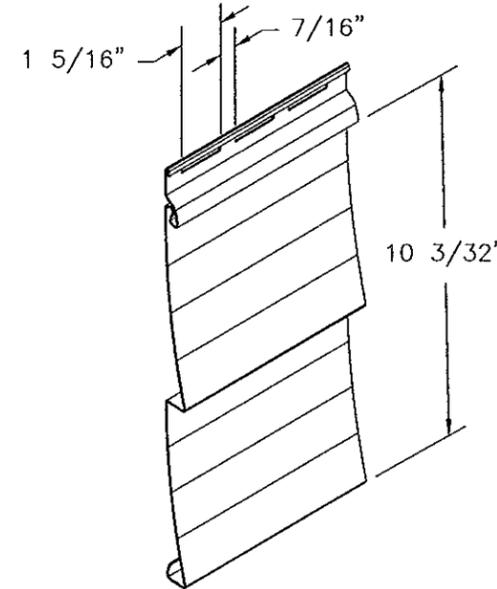
① MARKET SQUARE
D4STD VINYL SIDING
WITH J-CHANNEL ITEM #9

DESIGN PRESSURE RATING	IMPACT RATING
±45PSF	LARGE AND SMALL MISSILE IMPACT



② MARKET SQUARE
D45DLSTD VINYL SIDING
WITH J-CHANNEL ITEM #9

DESIGN PRESSURE RATING	IMPACT RATING
±45PSF	LARGE AND SMALL MISSILE IMPACT



③ MARKET SQUARE
D5STD VINYL SIDING
WITH J-CHANNEL ITEM #9

DESIGN PRESSURE RATING	IMPACT RATING
±40PSF	LARGE AND SMALL MISSILE IMPACT

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2) SHEATHING OVER WOOD FRAMING AND MASONRY/CONCRETE WALLS TO BE DESIGNED BY OTHERS. FRAMING, MASONRY/CONCRETE WALL AND SHEATHING ARE THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 4) SIDING AND SOFFIT MATERIAL: EXTRUDED RIGID PVC.
- 5) FOR ANCHORING SIDING INTO 5/8" THICK SHEATHING OR 1X MINIMUM FURRING STRIPS USE ELECTRO-GALVANIZED ROOFING NAILS WITH 1/8" SHANK, 3/8" HEAD OR #6 WOOD SCREW AND 3/4" x 1/16" WASHER. NAIL OR WOOD SCREW TO BE OF SUFFICIENT LENGTH TO ACHIEVE A 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. SEE CHARTS SHEET 1 FOR ANCHOR SPACING.
- 6) FOR ANCHORING SOFFIT INTO FURRING STRIPS USE ELECTRO-GALVANIZED ROOFING NAILS WITH 1/8" SHANK, 3/8" HEAD AND 3/4" x 1/16" WASHER. NAIL TO BE OF SUFFICIENT LENGTH TO ACHIEVE A 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. ANCHORS TO BE INSTALLED AT EACH SOFFIT PANEL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 7) ALL FASTENERS TO BE CORROSION RESISTANT.
- 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 BELOW:
A. SHEATHING: 5/8" MINIMUM THICKNESS WITH MINIMUM SPECIFIC GRAVITY OF G=0.5.
B. FURRING STRIP: 1X MINIMUM WITH MINIMUM SPECIFIC GRAVITY OF G=0.50.

SIGNED: 04/24/2014

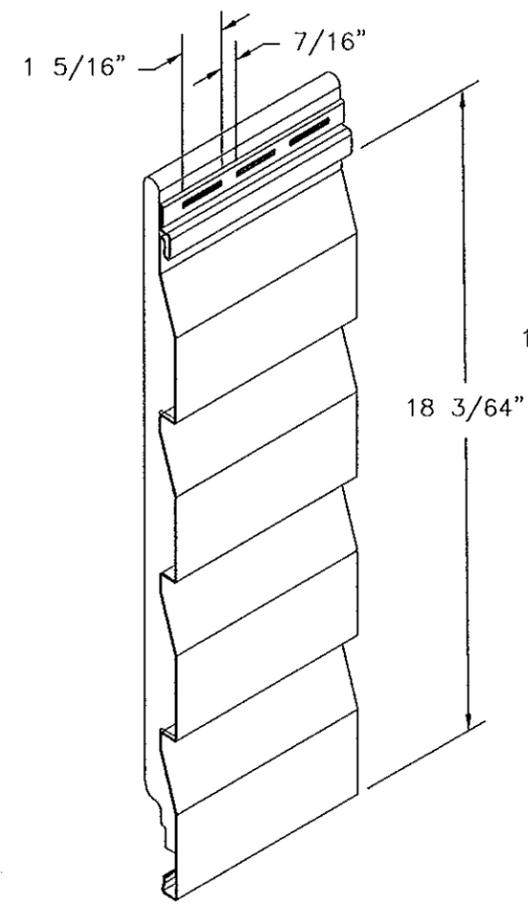
Product name	Maximum siding anchor spacing based on design pressure using roofing nail (in)							
	±25psf	±30psf	±35psf	±40psf	±45psf	±50psf	±55psf	±60psf
① D4STD	16.00	16.00	14.80	12.90	11.50	-	-	-
② D45DLSTD	16.00	15.30	13.10	11.50	10.20	-	-	-
③ D5STD	16.00	13.80	11.80	10.30	-	-	-	-
④ TMQ45IP	8.00	7.70	6.60	5.80	5.10	4.60	-	-
⑤ TMQ4IP	8.00	8.00	7.40	6.50	5.80	5.20	-	-
⑥ TMT6IP	8.00	7.70	6.60	5.80	5.10	4.60	-	-
⑦ TMD7IP	8.00	8.00	8.00	7.40	6.60	5.90	5.40	4.90

Product name	Maximum siding anchor spacing based on design pressure using #6 wood screw (in)							
	±25psf	±30psf	±35psf	±40psf	±45psf	±50psf	±55psf	±60psf
① D4STD	16.00	16.00	16.00	16.00	16.00	-	-	-
② D45DLSTD	16.00	16.00	16.00	16.00	16.00	-	-	-
③ D5STD	16.00	16.00	16.00	16.00	-	-	-	-
④ TMQ45IP	8.00	8.00	8.00	8.00	8.00	8.00	-	-
⑤ TMQ4IP	8.00	8.00	8.00	8.00	8.00	8.00	-	-
⑥ TMT6IP	8.00	8.00	8.00	8.00	8.00	8.00	-	-
⑦ TMD7IP	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1 - 2	SIDING AND SOFFIT PROFILES, CHARTS AND NOTES
3	BILL OF MATERIALS AND COMPONENTS
4 - 6	INSTALLATION DETAILS

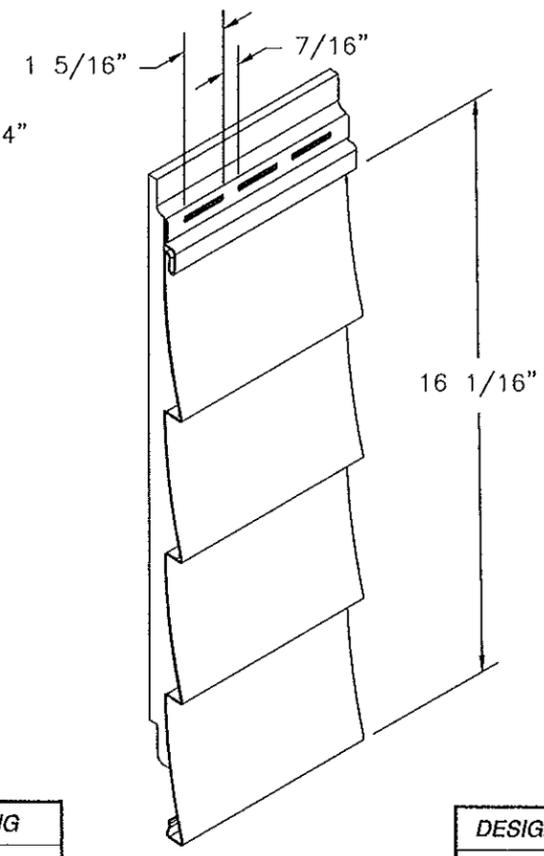
<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No 14-0221-01 Expiration Date 05/26/2016</p> <p>By <i>[Signature]</i> Miami Dade Product Control</p>	<p>EXTERIOR PORTFOLIO L.L.C 1441 UNIVERSAL RD. COLUMBUS, OH 43216</p>			
	<p>SIDING AND SOFFIT EXTRUDED RIGID PVC SIDING PROFILES, INSTALLATION CHARTS AND NOTES</p>			
	<p>DRAWN: TJH</p>	<p>DWG NO. 08-01056</p>		<p>REV C</p>
	<p>SCALE NTS</p>	<p>DATE 07/26/10</p>		<p>SHEET 1 OF 6</p>

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER MARKED UP DRAWINGS FROM DADE	04/19/11	R.L.
B	REVISED MANUFACTURER'S NAME	08/29/12	R.L.
C	ADDED DETAIL D	01/28/14	R.L.



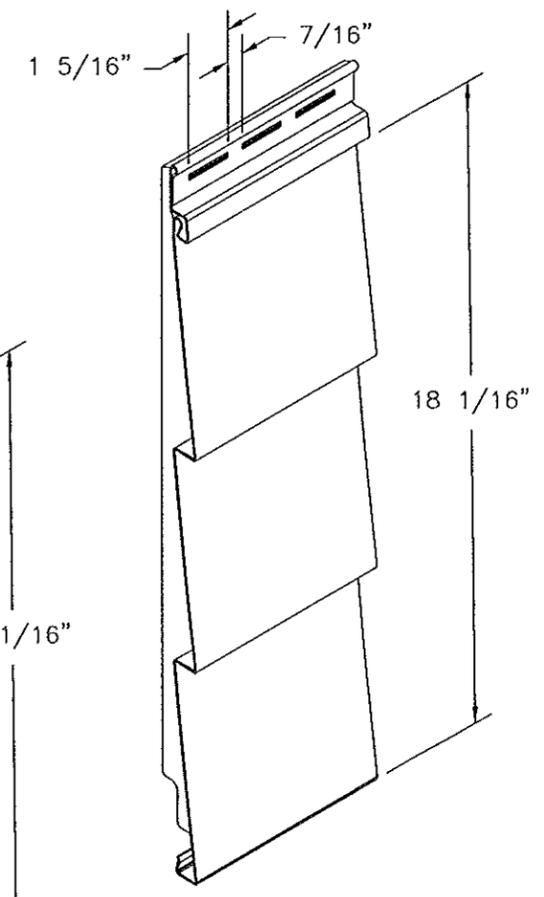
④ ORACLE TMQ45IP
FOAM BACKED VINYL SIDING
WITH J-CHANNEL ITEM #8

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT



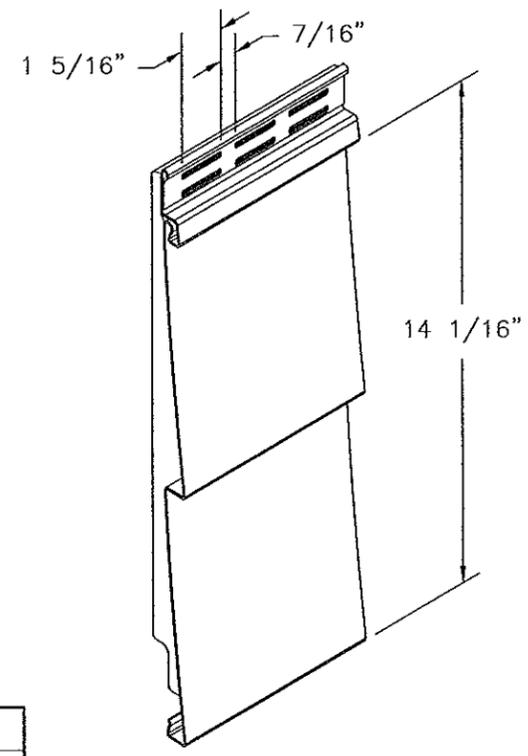
⑤ ORACLE TMQ4IP
FOAM BACKED VINYL SIDING
WITH J-CHANNEL ITEM #8

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT



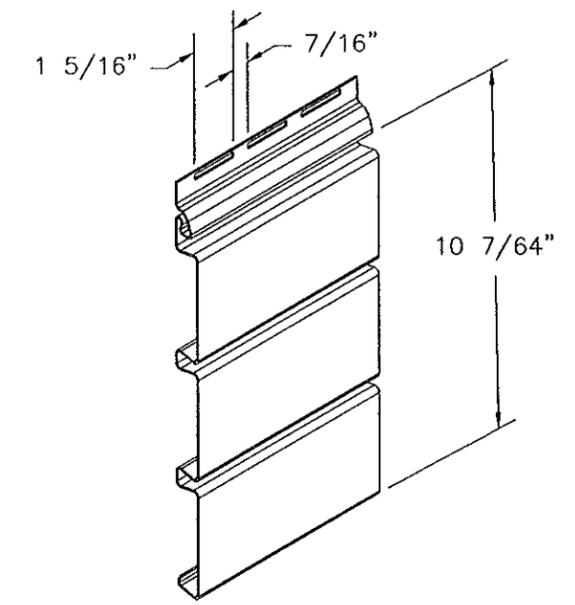
⑥ CRANEBOARD TMT6IP
FOAM BACKED VINYL SIDING
WITH J-CHANNEL ITEM #8

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT



⑦ CRANEBOARD TMD7IP
FOAM BACKED VINYL SIDING
WITH J-CHANNEL ITEM #8

DESIGN PRESSURE RATING	IMPACT RATING
±60PSF	LARGE AND SMALL MISSILE IMPACT



⑧ SOFFIT
PPSS/PPVS VINYL SOFFIT
WITH J-CHANNEL ITEM #8
VENTED VERSION: VENTED AREA > 10IN²/LINEAR FOOT

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT

FOR 12" OVERHANG

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-42.0PSF	LARGE AND SMALL MISSILE IMPACT

FOR OVERHANGS UP TO 48"

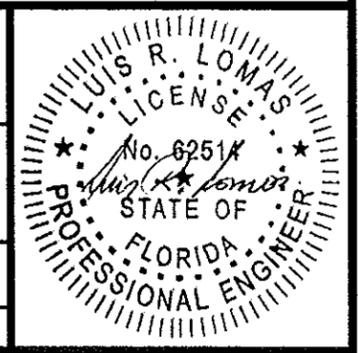
SIGNED: 04/24/2014

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0221-01
Expiration Date 05/26/2016
By *[Signature]*
Miami Dade Product Control

EXTERIOR PORTFOLIO L.L.C
1441 UNIVERSAL RD.
COLUMBUS, OH 43216

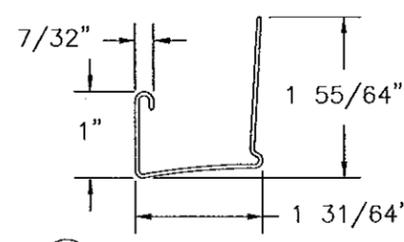
SIDING AND SOFFIT
EXTRUDED RIGID PVC
SIDING AND SOFFIT PROFILES

DRAWN: TJH	DWG NO. 08-01056	REV C
SCALE NTS	DATE 07/26/10	SHEET 2 OF 6

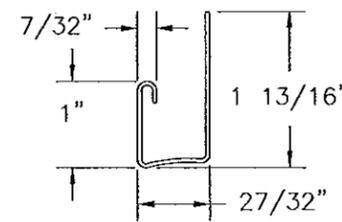


PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	D4STD SIDING	MARKET SQUARE HOLLOW BACK	EXTERIOR PORTFOLIO	EXTRUDED PVC
2	D45DLSTD SIDING	MARKET SQUARE HOLLOW BACK	EXTERIOR PORTFOLIO	EXTRUDED PVC
3	D5STD	MARKET SQUARE HOLLOW BACK	EXTERIOR PORTFOLIO	EXTRUDED PVC
4	TMQ45IP SIDING	ORACLE EPS FOAM BACKED	EXTERIOR PORTFOLIO	EXTRUDED PVC
5	TMQ4IP SIDING	ORACLE EPS FOAM BACKED	EXTERIOR PORTFOLIO	EXTRUDED PVC
6	TMT6IP SIDING	CRANEBOARD EPS FOAM BACKED	EXTERIOR PORTFOLIO	EXTRUDED PVC
7	TMD7IP SIDING	CRANEBOARD EPS FOAM BACKED	EXTERIOR PORTFOLIO	EXTRUDED PVC
8	PPSS/PPVS SOFFIT	SOFFIT HOLLOW BACK	EXTERIOR PORTFOLIO	EXTRUDED PVC
9	118JN	J-CHANNEL	EXTERIOR PORTFOLIO	EXTRUDED PVC
10	1JNU	J-CHANNEL	EXTERIOR PORTFOLIO	EXTRUDED PVC
11		STARTER STRIP	EXTERIOR PORTFOLIO	EXTRUDED PVC

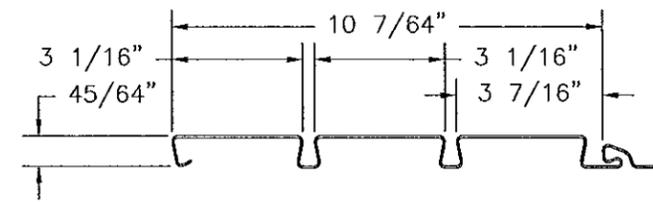
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER MARKED UP DRAWINGS FROM DADE	04/19/11	R.L.
B	REVISED MANUFACTURER'S NAME	08/29/12	R.L.
C	ADDED DETAIL D	01/28/14	R.L.



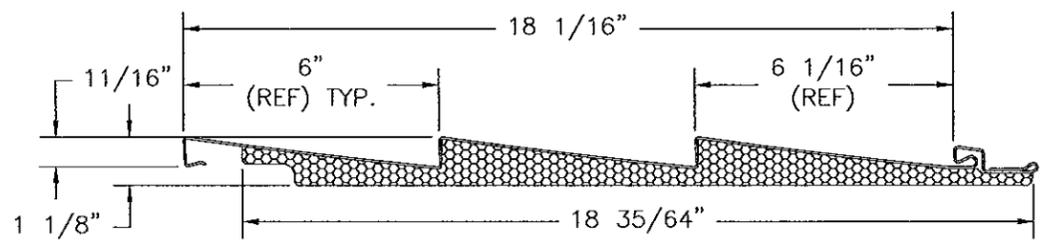
⑨ 118JN J-CHANNEL
EXTRUDED PVC .045" THICK



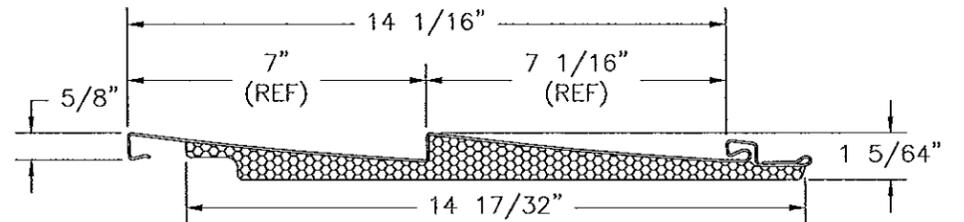
⑩ 1JNU J-CHANNEL
EXTRUDED PVC .045" THICK



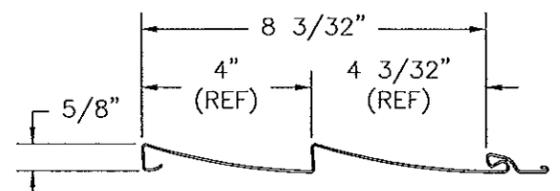
⑧ PPSS/PPVS VINYL SOFFIT
EXTRUDED PVC .042" THICK



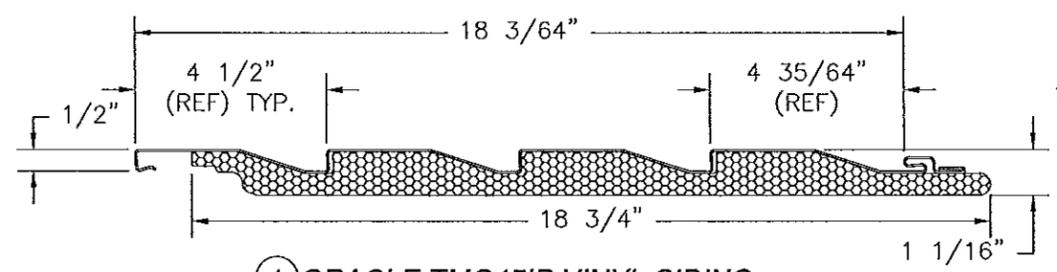
⑥ CRANEBOARD TMT6IP VINYL SIDING
EXTRUDED PVC .047" THICK
W/LAMINATED EPS FOAM 1" MAX. THICK
THERMAL RESISTANCE .67(3.72) Km2 / W (Ft2h/Btu)



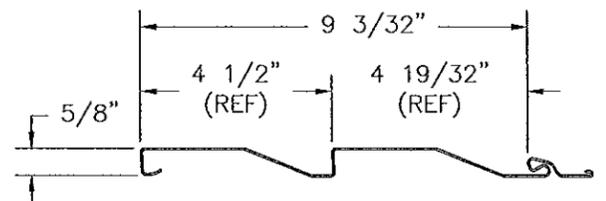
⑦ CRANEBOARD TMD7IP VINYL SIDING
EXTRUDED PVC .047" THICK
W/LAMINATED EPS FOAM 1" MAX. THICK
THERMAL RESISTANCE .67(3.72) Km2 / W (Ft2h/Btu)



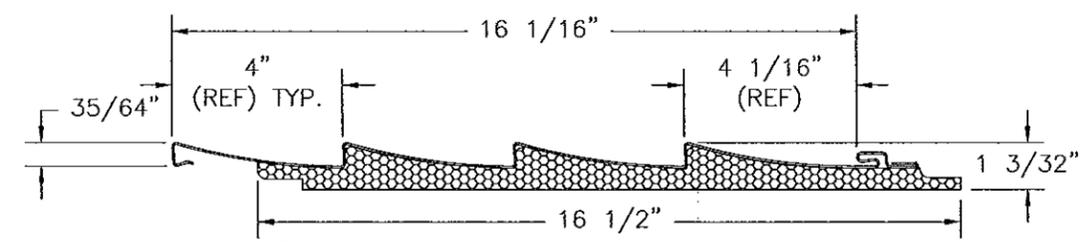
① MARKET SQUARE
D4STD VINYL SIDING
EXTRUDED PVC .044" THICK



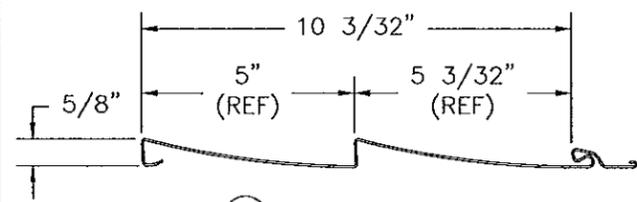
④ ORACLE TMQ45IP VINYL SIDING
EXTRUDED PVC .044" THICK
W/LAMINATED EPS FOAM 1" MAX. THICK
THERMAL RESISTANCE .67(3.72) Km2 / W (Ft2h/Btu)



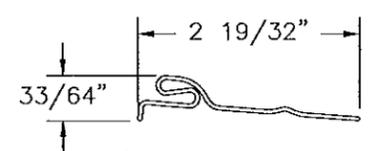
② MARKET SQUARE
D45DLSTD VINYL SIDING
EXTRUDED PVC .044" THICK



⑤ ORACLE TMQ4IP VINYL SIDING
EXTRUDED PVC .044" THICK
W/LAMINATED EPS FOAM 1" MAX. THICK
THERMAL RESISTANCE .67(3.72) Km2 / W (Ft2h/Btu)



③ MARKET SQUARE
D5STD VINYL SIDING
EXTRUDED PVC .044" THICK

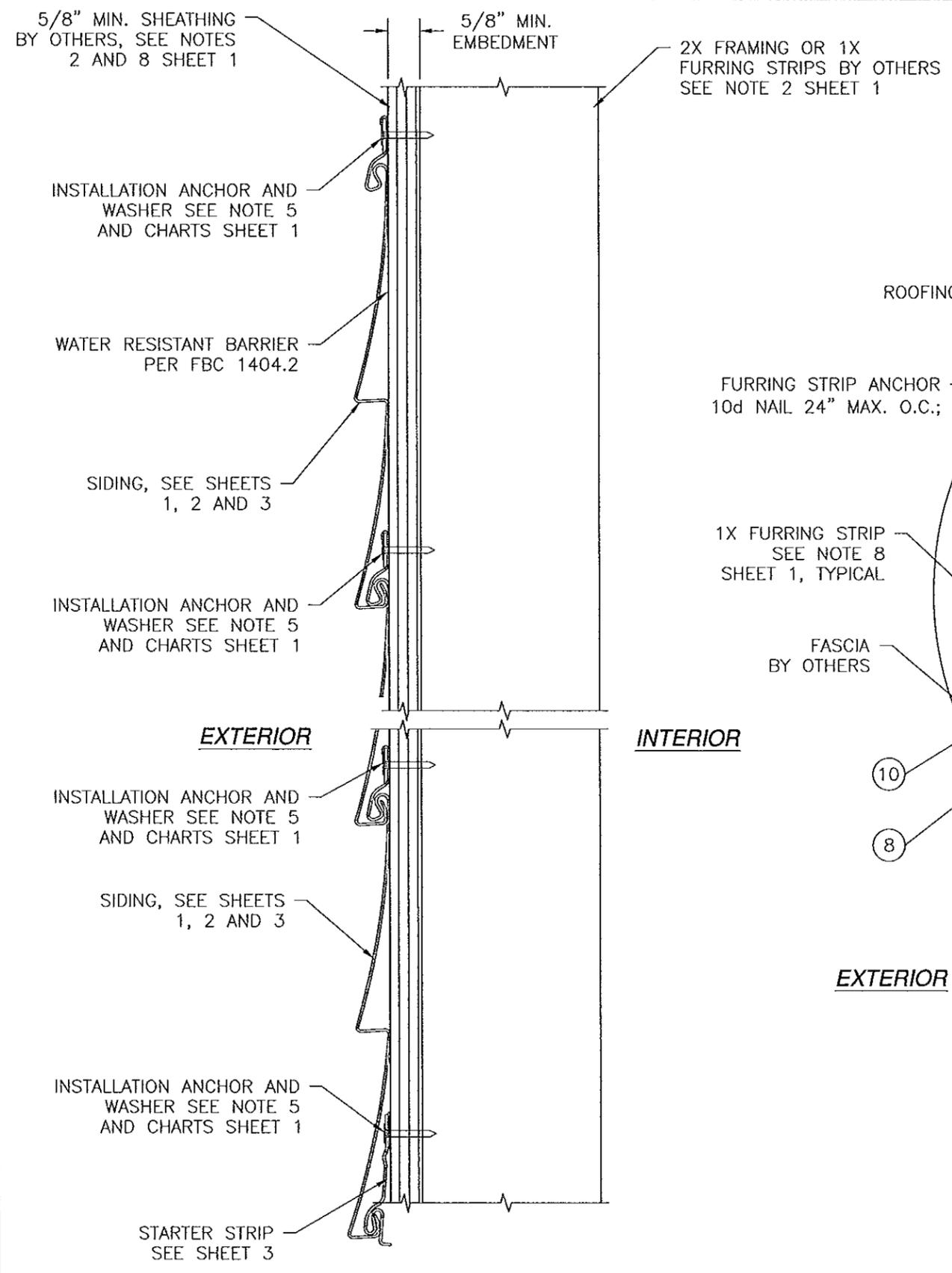


⑪ STARTER STRIP
EXTRUDED PVC .039" THICK

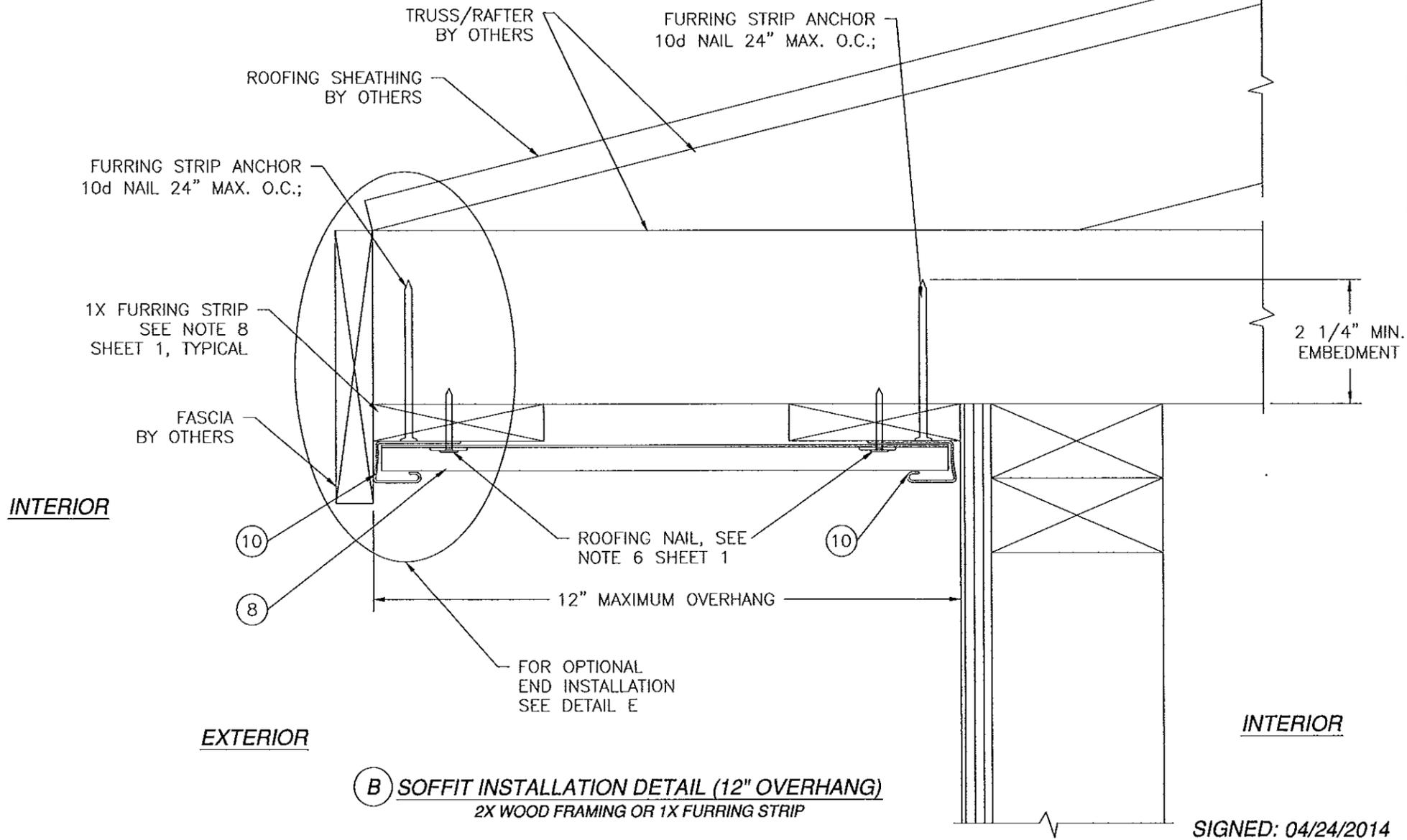
SIGNED: 04/24/2014

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-0221.01 Expiration Date 05/26/2016 By <i>[Signature]</i> Miami Dade Product Control		EXTERIOR PORTFOLIO L.L.C 1441 UNIVERSAL RD. COLUMBUS, OH 43216		
SIDING AND SOFFIT EXTRUDED RIGID PVC BILL OF MATERIALS AND COMPONENTS		DRAWN: TJH DWG NO. 08-01056 REV C		
SCALE NTS	DATE 07/26/10	SHEET 3 OF 6		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER MARKED UP DRAWINGS FROM DADE	04/19/11	R.L.
B	REVISED MANUFACTURER'S NAME	08/29/12	R.L.
C	ADDED DETAIL D	01/28/14	R.L.



(A) SIDING INSTALLATION DETAIL
5/8" SHEATHING OVER 2X WOOD FRAMING

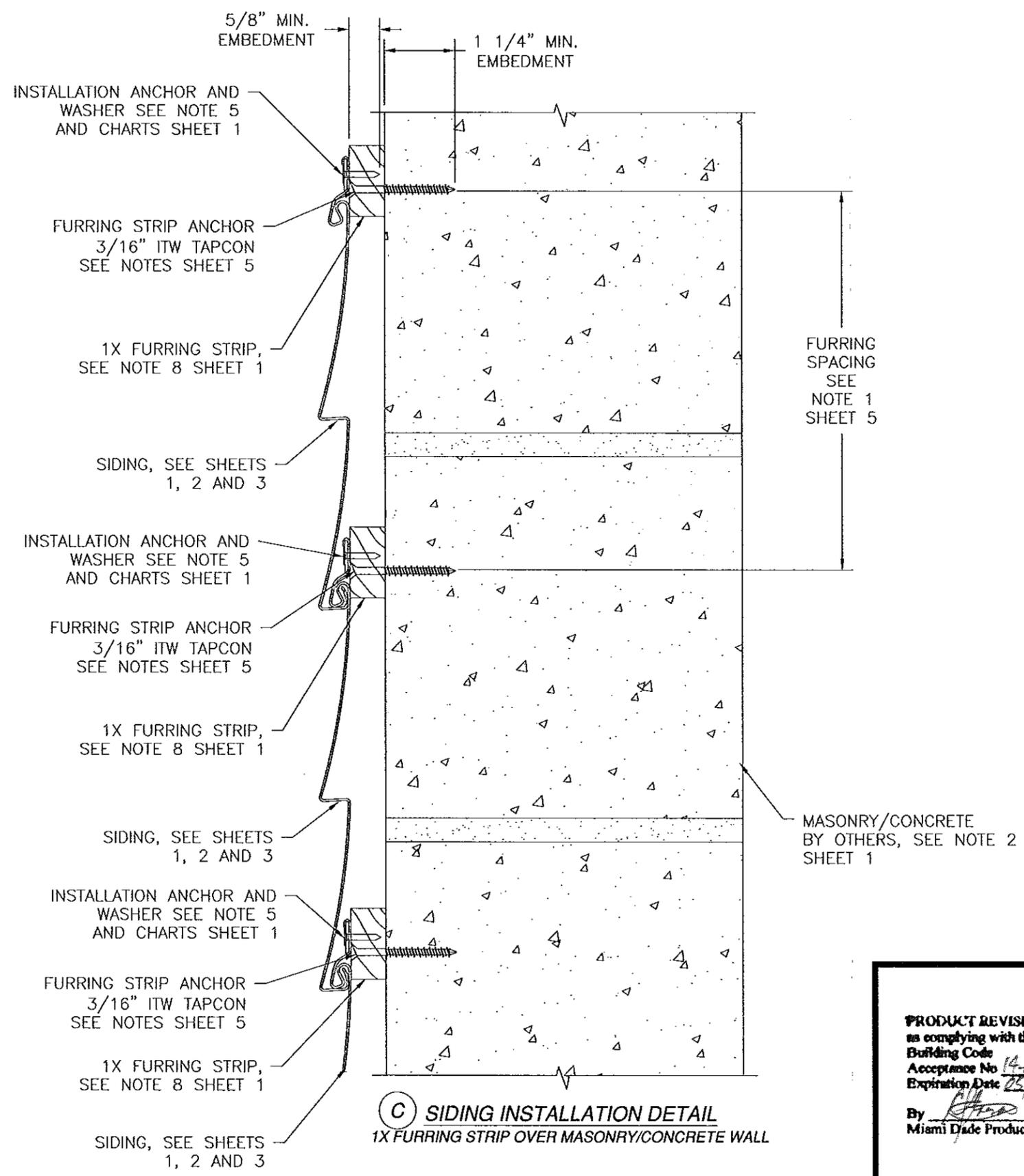


(B) SOFFIT INSTALLATION DETAIL (12" OVERHANG)
2X WOOD FRAMING OR 1X FURRING STRIP

SIGNED: 04/24/2014

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-0221.01 Expiration Date 05/26/2016 By <i>[Signature]</i> Miami Dade Product Control	EXTERIOR PORTFOLIO L.L.C 1441 UNIVERSAL RD. COLUMBUS, OH 43216		
	SIDING AND SOFFIT EXTRUDED RIGID PVC INSTALLATION DETAIL		
	DRAWN: TJH	DWG NO. 08-01056	
SCALE NTS	DATE 07/26/10	SHEET 4 OF 6	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER MARKED UP DRAWINGS FROM DADE	04/19/11	R.L.
B	REVISED MANUFACTURER'S NAME	08/29/12	R.L.
C	ADDED DETAIL D	01/28/14	R.L.



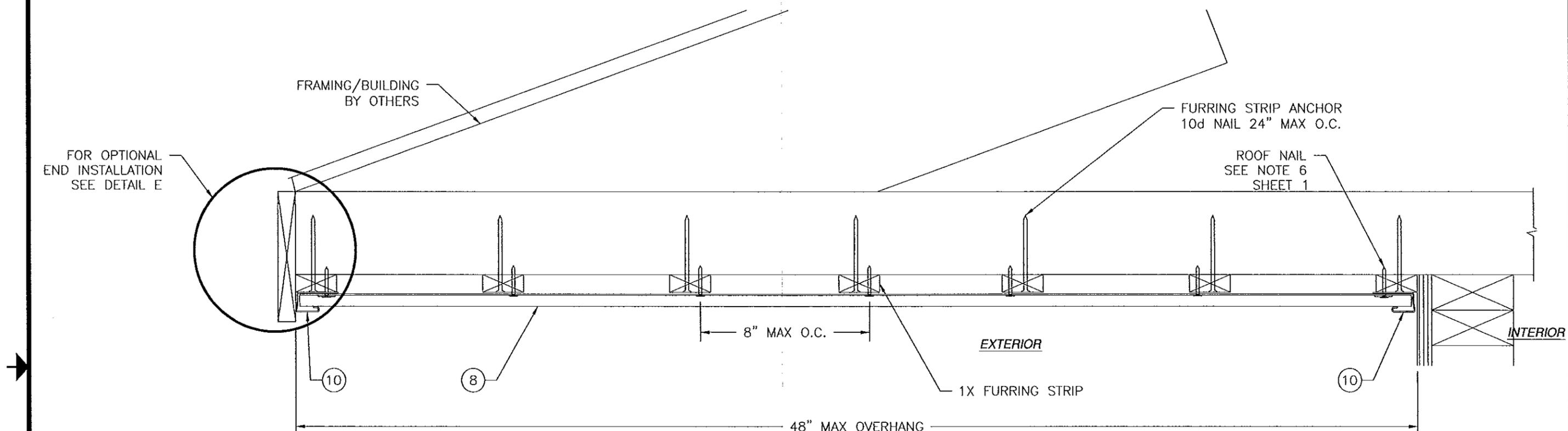
- FURRING INSTALLATION NOTES:
- 1) FURRING SPACING TO BE DETERMINED BY HEIGHT OF SIDING TO BE INSTALLED.
 - 2) INSTALL FURRING STRIPS INTO MASONRY WALL USING 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE 1 1/4" MINIMUM EMBEDMENT.
 - 3) FOR SIDING 1, 2, AND 3 LOCATE TAPCONS 4" FROM CORNER OF BUILDING AND 24" MAX. O.C. THEREAFTER.
 - 4) FOR SIDING 4, 5, 6, AND 7 LOCATE TAPCONS 4" FROM CORNER OF BUILDING AND 15" MAX O.C. THEREAFTER.

(C) SIDING INSTALLATION DETAIL
 1X FURRING STRIP OVER MASONRY/CONCRETE WALL

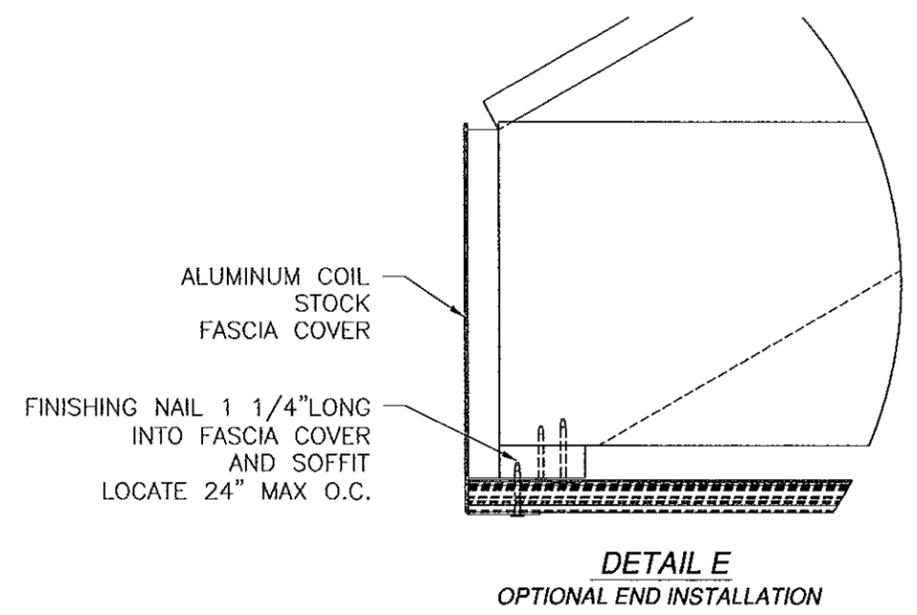
SIGNED: 04/24/2014

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. <u>14-0221.01</u> Expiration Date <u>05/26/2016</u> By <u>[Signature]</u> Miami Dade Product Control	EXTERIOR PORTFOLIO L.L.C 1441 UNIVERSAL RD. COLUMBUS, OH 43216		
	SIDING AND SOFFIT EXTRUDED RIGID PVC INSTALLATION DETAIL		
	DRAWN: TJH	DWG NO. 08-01056	
SCALE NTS	DATE 07/26/10	SHEET 5 OF 6	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER MARKED UP DRAWINGS FROM DADE	04/19/11	R.L.
B	REVISED MANUFACTURER'S NAME	08/29/12	R.L.
C	ADDED DETAIL D	01/28/14	R.L.



D SOFFIT INSTALLATION DETAIL
2X WOOD FRAMING OR 1X FURRING STRIP



SIGNED: 04/24/2014

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. <u>14-0221.01</u> Expiration Date <u>05/26/2016</u> By <u>[Signature]</u> Miami Dade Product Control	EXTERIOR PORTFOLIO L.L.C 1441 UNIVERSAL RD. COLUMBUS, OH 43216		
	SIDING AND SOFFIT EXTRUDED RIGID PVC INSTALLATION DETAIL		
	DRAWN: TJH	DWG NO. 08-01056	
SCALE NTS	DATE 07/26/10	SHEET 6 OF 6	