SECTION 07 44 56

5/16” FIBER CEMENT PANEL ACCESSORIES

PART 1 — GENERAL

1.1 Summary

A. Related Work Specified Elsewhere Includes:

1. Rough carpentry.
2. Sheathing.
3. 5/16” Fiber Cement Panel systems.
4. Painting.

1.2 Submittals

A. Product Data: indicate product description, including compliance with specified requirements and installation requirements. Mark manufacturer's brochures to include only those products proposed for use.

1.3 Quality Assurance

A. Applicable standards; standards of the following, as referenced herein:

1. Aluminum Association (AA).
2. American Society for Testing and Materials (ASTM).

B. \*\* Allowable tolerances in horizontal planes:

1. Variation from level: +⅛" in 12'-0".

C. \*\* Allowable tolerances in framed vertical construction.

1. Position: +¼" maximum variation from design position.
2. Alignment: ⅛" in 8'-0"; ¼" maximum in any continuous wall, line, or surface.

1.4 Delivery, Storage, and Handling

A. Storage:

1. Stack accessories off floor on pallets or similar platforms providing continuous support for accessories to prevent sagging. Stack accessories so that long lengths are not over short lengths.
2. Handle materials to prevent damage to surfaces, edges, and ends of aluminum trims. Reject and remove damaged material from site.

PART 2 — PRODUCTS

2.1 Manufacturer

A. acceptable manufacturer; subject to compliance with specified requirements:

Fry Reglet Corporation

1377 Stonefield Court

Alpharetta, GA 30005

800-237-9773

2.2 Materials and Finish

Select one of the following finish options.

A. Anodized Finish

1. Architectural 200R1 light etch (AA-M32c10A21), clear color.
2. Thickness of anodic coating shall be tested in accord with ASTM B244-97 and sealed to pass modified dye stain test ASTM B136-84(1998).

\*\* OR \*\*

Select the following finish when field priming and painting is planned.

B. Factory applied gray polyester primed finish.

\*\*OR\*\*

C. Factory applied powder paint finish.

2.3 PROFILES

Edit the following paragraphs based on project requirements.

A. F Molding

1. Acceptable product: Number FCP — F MOLD.
2. Characteristics: .
	* + - 1. Description: F Molding is a termination trim designed to cover the edge of 5/16” Fiber cement panels at intersections with sills, jambs, and soffits. Can be used with vertical and horizontal applications.
3. Material: 6063 T5 Extruded aluminum.
4. Dimensions: As indicated on drawings.

B. J Channel

1. Acceptable product: Number FCP — J CHANNEL.
2. Characteristics: .
	* + - 1. Description: J Channel provides a termination designed to cover the edge of 5/16” Fiber cement panels at intersections and at sides of door and window openings
				2. Material: 6063 T5 Extruded aluminum.
				3. Dimensions: As indicated on drawings.

C. Vertical H Molding

1. Acceptable product: Number FCP — H VERT MOLD.
2. Characteristics:
3. Description: Vertical H Molding provides a ½” spline between fiber cement panels. The ½” exposed spline covers the panel edges to create a vertical design element. Does not require double stud framing. Not to be used horizontally on wall panel applications. Can be used to join soffit panel ends and does not require double roofing members.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

D. Vertical Molding

1. Acceptable product: Number FCP — VERTICAL.
2. Characteristics:
3. Description: Vertical molding creates an attractive vertical reveal between 5/16” fiber cement panels. Cannot be used horizontally between wall panels.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

E. Vertical Retainer

1. Acceptable product: Number FCP — VERT RET.
2. Characteristics:
3. Description: Vertical retainer acts as a receiver for Vertical Insert or Vertical Offset. Vertical retainer cannot be used alone. When used with Vertical Insert or Vertical Offset creates an attractive vertical reveal between 5/16” fiber cement panels.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings

F. Vertical Insert

1. Acceptable product: Number FCP — VERT INSERT.
2. Characteristics:
3. Description: Vertical insert fits into Vertical Retainer and creates an attractive vertical reveal between 5/16” fiber cement panels. Vertical insert must be used with Vertical retainer.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

G. Vertical Offset

1. Acceptable product: Number FCP — VERT OFFSET.
2. Characteristics:
3. Description: Vertical offset fits into Vertical Retainer and creates an attractive vertical reveal and transition between a single layer of 5/16” fiber cement panels and a lap siding of 5/16” fiber cement panels. Vertical offset must be used with Vertical retainer.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

H. Vertical Lap Insert

1. Acceptable product: Number FCP — VERT INS75.
2. Characteristics:
3. Description: Vertical lap insert creates an attractive vertical reveal when used in conjunction with Vertical retainer. Ideal for use with lap siding. Vertical offset must be used with Vertical retainer.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

I. Base Trim

1. Acceptable product: FCP — BASE.
2. Characteristics:
3. Description: Base trim provides an exposed, flush termination at the bottom horizontal edges of 5/16” fiber cement panels.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

J. Horizontal Trim

1. Acceptable product: FCP — HORIZONTAL.
2. Characteristics:
3. Description: Horizontal trim creates an attractive reveal between horizontal ends of 5/16” fiber cement panels. Creates a ½” reveal between upper and lower wall panels.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

K. Horizontal Notch

1. Acceptable product: Number FCP — HOZ NOTCH.
2. Characteristics:
3. Description: Horizontal notch allows for perfect alignment between vertical and horizontal FCP trim profiles and prevents gaps or offsets. Available in 5’ lengths opposite hand pairs.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

L. Double Horizontal

1. Acceptable product: Number FCP — DBLHOZTRIM.
2. Characteristics:
3. Description: Double horizontal creates a unique aesthetic, with a double reveal. Profile is angled to channel moisture out.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

M. Drip Cap

1. Acceptable product: Specify \*\* FCP – DRIP CAP\*\* OR \*\*FCP – DRIP CAP 875\*\*
2. Characteristics:
3. Description: Drip cap creates a ½” attractive reveal between the horizontal ends of 5/16” fiber cement panels and the tops of doors and windows. Profile shape channels moisture out and away from sheathing and water resistant barrier.
4. FCP-Drip Cap protrudes 1½”, FCP-Drip Cap 875 protrudes ⅞”
5. Material: 6063 T5 Extruded aluminum.
6. Dimensions: As indicated on drawings.

N. Inside Corner

1. Acceptable product: Number FCP — INSIDE CORNER.
2. Characteristics:
3. Description: Inside corner creates a square and true termination point for 5/16” fiber cement panels at an inside corner.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

O. Integral Inside Corner

1. Acceptable product: Number FCP — INTISCNR.
2. Characteristics:
3. Description: Integral inside corner creates a traditional corner shape for fiber cement panels, and mitigates the possibility of panel bow.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

P. Inside Corner Transition

1. Acceptable product: Number FCP — I/SCRNTR
2. Characteristics:
3. Description: Integral inside corner creates a traditional corner shape and provides a seamless transition between lap and panel siding.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

Q. Integral Inside Lap Corner

1. Acceptable product: Number FCP — I/SCNR750.
2. Characteristics:
3. Description: Integral inside lap corner creates a straight and true, abuse resistant inside corner with exposed flanges that cover the vertical ends of the fiber cement panel.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

R. Outside Corner

1. Acceptable product: Number FCP — OUTSIDE CNR.
2. Characteristics:
3. Description: Outside corner creates a straight and true, abuse resistant corner with exposed flanges that cover the vertical ends of 5/16” fiber cement panels.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

S. Bullnose Outside Corner

1. Acceptable product: Number FCP — BULLNOSE.
2. Characteristics:
3. Description: Bullnose outside corner creates a straight and true, abuse resistant rounded corner with exposed flanges that cover the vertical ends of 5/16” fiber cement panels.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

T. Outside Corner Transition

1. Acceptable product: Number FCP — O/SCRNTR.
2. Characteristics:
3. Description: Outside corner transition creates a straight and true, abuse resistant corner with exposed flanges that cover the vertical ends of fiber cement panels and lap siding.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

U. Integral Outside Corner/Integral Outside Lap Corner

1. Acceptable products: Specify \*\*FCP – INTO/SCNR750\*\* OR \*\*FCP-INT OSCNR\*\*
2. Characteristics:
3. Description: Integral outside corner creates a traditional corner shape for fiber cement panels. The trim design mitigates the possibility of panel bow.
4. FCP-INTO/SCNR750 proves a ¾” pocket for lap siding. FCP-INT OSCNR provides a ⅜” pocket for 5/16” fiber cement panels.
5. Material: 6063 T5 Extruded aluminum.
6. Dimensions: As indicated on drawings.

V. X Outside Corner Lap Trim

1. Acceptable product: Number PXM7575.
2. Characteristics:
3. Description: X Outside Corner Lap Trim creates a stepped edge at the right angle corner where lap siding meets and creates a crisp corner for lap siding. The trim design eliminates the need to miter cut the panels while also overlapping the panel below.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

W. W Inside Corner Lap Trim

1. Acceptable product: Number WRM-75-75.
2. Characteristics:
3. Description: W Inside Corner Lap Trim provides a crisp reveal for fiber cement panels when installed in a lap style application.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

X. J Channel Lap Trim

1. Acceptable product: Number JAM-875.
2. Characteristics:
3. Description: J Channel Lap Trim is a termination trim to cover the edge of lap siding at intersections with sills, jambs, and soffits. Can be used with vertical and horizontal applications. Do not use with short leg up.
4. Material: 6063 T5 Extruded aluminum.
5. Dimensions: As indicated on drawings.

Y. F Channel Lap Trim

1. Acceptable product: Number FARM-875-875.
2. Characteristics:
	* + - 1. Description: F Channel Lap Trim is a termination trim to cover the edge of the fiber cement panel at intersections with sills, jambs, and soffits. Can be used with vertical and horizontal applications. Do not use with short leg up.
3. Material: 6063 T5 Extruded aluminum.
4. Dimensions: As indicated on drawings.

PART 3 — EXECUTION

3.1 INSTALLATION

1. 5/16” Fiber Cement Panels: Install panel accessories in accordance with panel manufacturer’s supplemental installation details for commercial applications and as follows:
2. F-Mold: Install as a termination trim as indicated on drawings.
3. J Channel: Install at exposed edge of 5/16” fiber cement panels at sides of door and window openings, and at intersections with other materials.
4. Vertical H Molding: Install as a divider between 5/16” fiber cement panels as shown on drawings.
5. Vertical molding: Install between 5/16” fiber cement panels as indicated on drawings.
6. Vertical retainer: Install between 5/16” fiber cement panels as receiver for Vertical Insert or Vertical Offset as indicated on drawings.
7. Vertical Insert: Install between single layers of 5/16” fiber cement panels as indicated on drawings. Must be used with Vertical Retainer.
8. Vertical Offset: Install as a transition between a single layer and lap siding of 5/16” fiber cement panels. Must be used with Vertical Retainer.
9. Vertical Lap Insert: Install as a ¾” deep reveal as indicated on drawings.
10. Base Trim: Install base trim at bottoms of FCP panels as indicated on drawings.
11. Horizontal Trim: Install at horizontal joints between 5/16” fiber cement panels as indicated on drawings.
12. Horizontal Notch: Install horizontal notch trims at intersections with vertical trims as indicated on drawings.
13. Double horizontal: Install double horizontal trim between tops and bottoms of 5/16” FCP panels as indicated on drawings.
14. Drip cap: Install drip cap at tops of doors and windows as indicated on drawings.
15. Inside and outside corner trims, bullnose corner trims, integral corner trims and corner transitions: Install at designated corners as shown on drawings.
16. J Channel Lap Trim: Install at sills, jambs and soffits as indicated on drawings.
17. F Channel Lap Trim: Install at intersections, sills, jambs and soffits as shown on drawings.

3.2 PROTECTION:

A. Protect accessories from damage until date of substantial completion. Replace accessories which become damaged.