

SECTION 09271

GYPSUM BOARD ** /PLASTER ** ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Related work specified elsewhere includes:
 - 1. Rough carpentry.
 - 2. ** Finish carpentry and millwork. **
 - 3. ** Metal support systems. **
 - 4. ** Plaster. **
 - 5. ** Gypsum board systems. **
 - 6. Painting.
 - 7. ** Wallcovering. **

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: +1/8" in 12'-0".

- 2. Variation in plane of adjacent wallboard panels prior to joint treatment: 1/16". **

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

- 1. Position: +1/4" maximum variation from design position.
 - 2. Alignment: 1/8" in 8'-0"; 1/4" maximum in any continuous wall, line or surface.
 - 3. Surface smoothness: No joint or fastener location, roughness or blemish discernible

after
lighting
application of finish when viewed at any angle from a distance of 5'-0" under occupancy conditions, with surface preparation as specified in Painting section. **

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. Do not overload floor systems.
- B. Handle materials to prevent damage to surfaces, edges and ends of sheet metal items. Reject and remove damaged material from site.

RETAIN WARRANTY FOR FLUOROPOLYMER FINISH ONLY.

1.5 ** WARRANTY

A. Finish warranty: Warrant fluoropolymer coating to remain free, under normal atmospheric conditions, from peeling, checking, cracking, chalking in excess of numerical rating of 8 when measured in accord with ASTM D4214-98, of fading in excess of 5 N. B. S. Units during warranty period. Warranty period shall be 5 years, beginning at Date of Substantial Completion. **

PART 2 - PRODUCTS

2.1 MANUFACTURER:

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

Fry Reglet Corporation.
12342 Hawkins St.
Santa Fe Springs, CA 90670
Phone 800-237-9773 Fax 800-200-4397

THE FOLLOWING PARAGRAPH IS OPTIONAL AT SPECIFIER'S DISCRETION.

B. ** Accessory systems of similar design and construction, as manufactured by other manufacturers, may be submitted for Architect's consideration. Acceptance is subject to compliance with specified design criteria, as evidenced by submittal of specified product data. Submittals shall comply with requirements of Product Options and Substitutions section. **

2.2 MATERIALS AND FINISH:

SELECT ON OF THE FOLLOWING FINISH OPTIONS.

A. Anodized finish:

THE FOLLOWING IS THE STANDARD FINISH.

1. Architectural 200R1 medium etch (AA-M32c10A21), clear color.

THE FOLLOWING IS A SPECIAL ORDER FINISH.

1. Class II, Architectural 204R1 medium etch 0.40 mils minimum (AA-M12C22A31), 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 **

- A. Color anodized finish:
1. Two-step impregnated color Class II Architectural 0.40-0.70 mils (AA-M12C22A33).
 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).
 3. Color: As selected by Architect from manufacturer's standard color selection.

** OR **

SELECT THE FOLLOWING FINISH WHEN FIELD PRIMING AND PAINTING IS PLANNED.

- A. Chemical conversion coat finish: Treatment of aluminum moldings shall conform with ASTM ND1730-67(1998), Type B.

** OR **

SELECT THE FOLLOWING FINISH WHEN FIELD PAINTING IS PLANNED.

- A. Prime paint: Factory spray and bake-on primer to serve as base for field painting.

2.3 REVEALS:

EDIT THE FOLLOWING PARAGRAPHS BASED ON PROJECT REQUIREMENTS.
VERIFY RADIUS DIMENSIONS WITH MANUFACTURER BEFORE SPECIFYING.

- A. Reveal molding:
1. Acceptable product: Number DRM.
 2. Characteristics:
 - a. Description: Molding shall create a vertical or horizontal recessed reveal.
 - b. Material: Extruded aluminum.
 - c. Dimensions: As indicated on drawings.
 - d. ** Radius: ** _ ** As indicated on drawings. **

- B. ?F? reveal molding:
1. Acceptable product: Number DRMF
 2. Characteristics:
 - a. Description: Trim reveal molding forming wall trim reveal where drywall terminates against sill, jamb, ceiling or other finish material in same plane.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **

- C. Snap-in reveal:
1. Acceptable product: Number ** DRM-SNAP-IN-625. ** DRMF-SNAP-IN-625. **
 2. Characteristics:
 - a. Description: Reveal used with ?F? molding to provide different finish detail or to retain wallcovering edges.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- D. ?Z? reveal molding:
1. Acceptable product: Number DRMZ.
 2. Characteristics:
 - a. Description: Reveal molding shall form a trim reveal around doors or between walls and floors.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- E. Reveal base:
1. Acceptable product: Number DRMB.
 2. Characteristics:
 - a. Description: Reveal base shall form damage-resistant base at bottom of wall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- F. Control joint:
1. Acceptable product: Number DRM-50, ** 2-piece. ** 3-piece. **
 2. Characteristics:
 - a. Description: ** 2-piece ** 3-piece ** control joint with compression seals to prevent cracking of drywall joints caused by minor settling of building.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- G. Drywall corner reveal:
1. Acceptable product: Number DRMW.
 2. Characteristics:
 - a. Description: Reveal shall create stepped pocket at drywall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- H. Step trim:
1. Acceptable product: Number DMST.
 2. Characteristics:
 - a. Description: Trim shall create stepped reveal (either raised or recessed) for offset multiple layers of drywall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **

d. ** Radius: ** __ ** As indicated on drawings. **

I. ?V? reveal molding:

1. Acceptable product: Number DRMV.
2. Characteristics:
 - a. Description: Molding shall create V-shaped recessed reveal in gypsum board walls.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

J. Reverse ?V? reveal molding:

1. Acceptable product: Number DRMVR.
2. Characteristics:
 - a. Description: Molding shall protrude from wall surface for a raised dimension effect.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

K. ?W? reveal:

1. Acceptable product: Number DRWT.
2. Characteristics:
 - a. Description: Reveal shall create reveal at intersection of ceiling and wall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

L. Reveal picture hanger:

1. Acceptable product: Number DRMH.
2. Characteristics:
 - a. Description: Hanger shall create reveal which can be used as picture hanger track.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- e. Hangers: Provide one snap-in hanger clip for each 1'-0" of hanger length.

M. Reveal channel screed:

1. Acceptable product: Number DCS.
2. Characteristics:
 - a. Description: Screed shall provide vertical or horizontal break in finish.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- e. ** Ventilation: Provide horizontal vents for air movement. **

N. ?F? reveal:

1. Acceptable product: Number FDM.

2. Characteristics:
 - a. Description: Reveal shall create a wall reveal transition between ceiling and wall or other building material.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

O. ?T? molding:

1. Acceptable product: Number TDM.
2. Characteristics:
 - a. Description: Molding shall create reveal at wall/ceiling intersection.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

P. ?X? molding:

1. Acceptable product: Number XDM.
2. Characteristics:
 - a. Description: molding shall serve as corner molding to accentuate right angle termination of drywall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

Q. ?W? molding:

1. Acceptable product: Number ** WDM. ** WRM. **
2. Characteristics:
 - a. Description: Molding shall provide reveal at wall/ceiling terminations.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

THE FOLLOWING MOLDINGS ARE FOR USE WITH GYPSUM WALLBOARD.

2.4 TRIM:

A. Corner trim:

1. Acceptable product: Number DMCT.
2. Characteristics:
 - a. Description: Trim shall finish and protect outside corners.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

B. ?L? trim molding:

1. Acceptable product: Number DRML.
 2. Characteristics:
 - a. Description: Molding shall provide trim around raised or recessed wall panels.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- C. Edge trim:
1. Acceptable product: Number DMET.
 2. Characteristics:
 - a. Description: Trim shall provide angled transition between finish layers.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- D. Edge trim:
1. Acceptable product: Number DRME.
 2. Characteristics:
 - a. Description: Trim shall finish edges when multiple pieces of drywall are used to create recessed or raised panels in a wall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- E. Radius corner trim:
1. Acceptable product: Number RCT-50.
 2. Characteristics:
 - a. Description: Trim shall finish and protect outside corner
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- F. Pocket trim:
1. Acceptable product: Number DMPT-75.
 2. Characteristics:
 - a. Description: Trim shall provide smooth, in-place transition between drywall ceiling and acoustical ceiling without creating a reveal, and shall support acoustical ceiling system.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- G. Multiple step trim:
1. Acceptable product: Number DMOS.
 2. Characteristics:
 - a. Description: Trim shall provide a multi-stepped trim for wall/wall or wall/ceiling conditions.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- H. ?J? molding:
1. Acceptable product: Number JDM.
 2. Characteristics:
 - a. Description: Molding shall provide termination for drywall or wood panel, requiring no tape.

- b. Material: Extruded aluminum.
- c. Dimensions: ** __ ** As indicated on drawings. **
- d. ** Radius: ** __ ** As indicated on drawings. **

I. Drywall molding end closure:

- 1. Acceptable product: Number DMEC.
- 2. Characteristics:
 - a. Description: Molding shall terminate wall, partition or cased opening.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

J. Top track:

- 1. Acceptable product: Number DMTT.
- 2. Characteristics:
 - a. Description: Track shall finish intersection of wall or partition with a ceiling with reveal appearance.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

K. Ceiling trim:

- 1. Acceptable product: Number DRMCT-50-50.
- 2. Characteristics:
 - a. Description: Trim shall provide joint between walls and ceilings and shall provide perimeter support for drywall ceilings.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

2.5 CORNERS

A. Stepped inside corner:

- 1. Acceptable product: Number DMIC-50-50.
- 2. Characteristics:
 - a. Description: corner shall finish and accent inside corner at wall/wall or wall/ceiling intersections.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

B. Stepped outside corner:

- 1. Acceptable product: Number DRMW
- 2. Characteristics:
 - a. Description: corner shall finish and accent outside corner at wall/wall or wall/ceiling intersections.
 - b. Material: Extruded aluminum.

- c. Dimensions: ** __ ** As indicated on drawings. **
- d. ** Radius: ** __ ** As indicated on drawings. **

C. Multiple stepped outside corner:

- 1. Acceptable product: Number DMOS.
- 2. Characteristics:
 - a. Description: Corner shall form multiple stepped outside corner in vertical of horizontal intersection of drywall.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

D. Beveled corner:

- 1. Acceptable product: Number DMBC-75.
- 2. Characteristics:
 - a. Description: Corner shall be chamfered corner bead used to finish and protect outside corners of walls.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

E. Curved inside corner:

- 1. Acceptable product: Number DRMC.
- 2. Characteristics:
 - a. Description: Corner shall provide curved inside corner.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

F. Curved outside corner:

- 1. Acceptable product: Number DRMC.
- 2. Characteristics:
 - a. Description: Corner shall provide curved outside corner.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

2.6 COLUMN COLLARS:

A. Column collar:

- 1. Acceptable product: Column Collar.
- 2. Characteristics:

a. Description: Three piece collar shall provide a trim creating reveal at column/ceiling joint.

b. Material: Aluminum molding, plastic spacer and adjustable stainless steel band.

DIAMETERS RANGE FROM 10" TO 48".

c. Diameter: ** __ ** As indicated on drawings. **

B. Reveal column ring:

1. Acceptable product: Number ** WDM-50-50, ** DRWT-50-50, ** WRM-75-75, ** DRWT-75-75. **

2. Characteristics:

a. Description: Molding shall provide reveal at wall/ceiling terminations.

b. Material: Extruded aluminum.

DIAMETERS RANGE FROM 18" TO 48".

c. Diameters: ** __ ** As indicated on drawings. **

C. Wall angle column ring:

1. Acceptable product: Number Wall Angle Column Ring.

2. Characteristics:

a. Description: Ring shall be curved to fit column to provide finish for juncture of round

column and either drywall or acoustical ceiling.

b. Material: Aluminum.

DIAMETERS RANGE FROM 10" TO 48".

c. **Diameter: ** __ ** As indicated on drawings. **

2.7 ACOUSTICAL:

A. Drywall/acoustical reveal:

1. Acceptable product: Number DRMAD.

2. Characteristics:

- a. Description: Reveal shall provide reveal where acoustical ceiling meets drywall ceiling.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- B. Acoustical ceiling trim:
- 1. Acceptable product: Number DRAT.
 - 2. Characteristics:
 - a. Description: Trim shall provide finish between walls and ceilings and provide perimeter support for acoustical ceilings.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- C. Acoustical molding:
- 1. Acceptable product: Number FDA.
 - 2. Characteristics:
 - a. Description: Molding shall create step or offset between vertical drywall fascia and acoustical ceiling.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- D. ?W? acoustical reveal:
- 1. Acceptable product: Number WARM-875-V-75.
 - 2. Characteristics:
 - a. Description: Reveal shall provide termination for installation of 7/8" acoustical tile for glued-in acoustic ceiling tile application.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- E. ?F? Acoustical reveal:
- 1. Acceptable product: Number FARM-875-V-75.
 - 2. Characteristics:
 - a. Description: Reveal shall provide termination of 7/8" acoustical tile for glued-in acoustic applications and provide reveal in ceiling at wall/ceiling joint.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- F. ?J? acoustical trim:
- 1. Acceptable product: Number JAM-875.
 - 2. Characteristics:
 - a. Description: Trim shall provide termination for installation of 7/8" acoustical tile in glued-in acoustic ceiling application.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

- A. Bullnose:
 - 1. Acceptable product: Number DBN.
 - 2. Characteristics:
 - a. Description: Bullnose shall form smooth radius end cap to terminate walls and to protect wall ends from impact damage.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **

2.9 FASTENERS:

- A. Fasteners: Exposed fasteners (provided by installer) shall be countersunk and shall match accessories in color.
 - 1. Aluminum to aluminum: Aluminum or Type 302 or 304 stainless steel.
 - 2. Aluminum to stainless steel or carbon steel: Type 302 or 304 Stainless steel.

2.10 FABRICATION:

- A. Mounting holes: Provide mounting holes located at 8" o. c.
- B. ** Venting: Vent slots shall be 1" by 1/8" spaced 1-1/2" lengthwise. Each row of vent slots shall provide 1 square inch of free area per lineal foot. **
- C. Make custom miters and intersections with welded corners or with high-strength industrial tape on backs.
- D. Radius shapes shall be as indicated on drawings.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. Install gypsum wallboard accessories in accord with manufacturer's product data and as follows:
 - 1. Corner trim: Install at designated corners.
 - 2. Metal trim shapes: Install at exposed edge of wallboard at door and window openings, at intersections with other materials and at intersection of walls with ceilings.
 - 3. Install corner beads and metal trim shapes to framing system with mechanical anchors spaced at 8" o. c.
- B. Joint treatment: Finish joints and attachment flanges as specified in Gypsum Board Systems section.
- C. Dust surfaces and leave ready for decoration. Joint and fastener treatment shall be indistinguishable in finished work.

3.2 PROTECTION

- A. Protect accessories from damage until date of Substantial Completion. Replace accessories which become damaged.

END OF SECTION