



SECTION 09205
PLASTER TRIM AND ACCESSORIES

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Plaster and stucco aluminum trim and accessories
- B. Gypsum board aluminum trim and accessories

1.2 RELATED SECTIONS

- A. Section 05400 - Cold-Formed Metal Framing
- B. Section 05800 - Expansion Control: Expansion Joint Assemblies.
- C. Section 06100 - Rough Carpentry: Framing and Blocking.
- D. Section 07200 - Building Insulation.
- E. Section 09220 - Plaster Assemblies.
- F. Section 09260 - Gypsum Board Assemblies.

1.3 REFERENCES

- A. ASTM B 244 - Standard Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments.
- B. ASTM D 1730 - Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting.
- C. MIL-C-5541A - Military Specification, Chemical Conversion Coatings on Aluminum and Aluminum Alloys.
- D. AAMA 605.2 Specification - Voluntary Specification for High Performance Organic Coatings on Architectural Extrusion Panels
- E. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Preforming Organic Coatings on Aluminum Extrusions and

Panels

F. AA - Aluminum Association Finish Designations.

G. US Green Building Council.

1.4 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data sheets on each product to be used, including:

1. Preparation instructions and recommendations.
2. Storage and handling requirements and recommendations.
3. Installation methods.

C. LEED Submittals: Provide documentation of how the requirements of Credit will be met:

1. List of proposed materials with recycled content. Indicate post-consumer recycled content and pre-consumer recycled content for each product having recycled content.
2. Product data and certification letter indicating percentages by weight of post-consumer and pre-consumer recycled content for products having recycled content.

D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.

E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

F. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

B. Installer Qualifications: Company specializing in performing Work of this section with minimum three years documented experience.

C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.

1. Finish areas designated by Architect.
2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
3. Refinish mock-up area as required to produce acceptable work.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Store products indoors in manufacturer's unopened packaging until ready for installation. Protect from damage.

1.7 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Flannery, Inc. , which is located at: 300 Parkside Dr. ; San Fernando, CA 91340; Tel: 818-837-7585 ; Fax: 818-837-1155 ; Email: request.info@gary@flannerytrim.com; Web: **Error! Hyperlink reference not valid.**
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 ALUMINUM PLASTER TRIMS

- A. General:
 1. Material: Extruded aluminum alloy 6063 T5, .050 inch thick.
 2. Provided trims in 10 foot lengths
 3. Vent Slots: Vent slots for trims where specified are 1/8 inch wide and 1 inch long and configured at 1-1/2 inch o.c. lengthwise and 1/2 inch o. c. laterally. Each row lengthwise provides approximately 1 square inch of vented area per linear foot.
 4. Vent Slot Bug Screens: Provide Vented Trims with a charcoal fiberglass bug screen to prevent insects from entering the soffit area through the vent slots.
- B. Plaster Control Joint: PCS 75-25-25, vertical or horizontal recessed reveal within a plaster assembly.
 1. Sizes:
 - a. Reveal 1/4 inch by 1/4 inch, depth 3/4 inch.
 - b. Provide to size and shapes indicated on the Drawings.
 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Straight Radius Curve
 - b. Radius Arch Radius
 - c. Reverse Arch
 3. Intersection and Corners (Prefabricated):
 - a. Inside 90 degree Intersection
 - b. Outside 90 degree Intersection
 - c. Inside Corner
 - d. Outside Corner
 - e. Tee Intersection
 - f. 4-way Intersection
- C. Plaster Screeed Channel: PCS, vertical or horizontal recessed reveal within a plaster assembly.
 1. Sizes:
 - a. PCS xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Inside Curve
 - b. Outside Curve
 - c. Reverse Arch
 - d. Arch
 3. Intersection and Corners (Prefabricated):
 - a. Tee Intersection
 - b. 4-Way Intersection
 - c. 90 degree Intersection
 - d. Inside Corner

- e. Outside Corner
- 4. Ends:
 - a. Channel End Cap
 - b. Beveled End Closure
- D. Plaster F-Mold: FPM, recessed termination reveal within a plaster assembly.
 - 1. Sizes:
 - a. FPM xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Inside Curve
 - b. Outside Curve
 - c. Reverse Arch
 - d. Arch
 - 3. Intersection and Corners (Prefabricated):
 - a. Inside 90 degree Intersection
 - b. Outside 90 degree Intersection
 - c. Inside Corner
 - d. Outside Corner
- E. 2-Piece Expansion Reveal: EXP, vertical or horizontal recessed expansion reveal within a plaster assembly.
 - 1. Sizes:
 - a. EXP xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Intersection and Corners (Prefabricated):
 - a. Inside Corner
 - b. Outside Corner
- F. Expansion Weep: EXPW, horizontal recessed weeping expansion reveal within a plaster assembly.
 - 1. Sizes:
 - a. EXPW xx-xx
 - b. Provide to size and shapes indicated on the Drawings.
 - 2. Intersection and Corners (Prefabricated):
 - a. Inside Corner
 - b. Outside Corner
- G. Weeping Reveal: PCSW, horizontal recessed weeping reveal within a plaster assembly.
 - 1. Sizes:
 - a. PCSW xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Intersection and Corners (Prefabricated):
 - a. Inside Corner
 - b. Outside Corner
- H. No Flange Channel Screed: NF, vertical or horizontal recessed reveal within a plaster assembly.
 - 1. Sizes:
 - a. NF xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- I. Door and Window Drip Reveal: WD, termination reveal over the top of doors and windows within a plaster assembly.
 - 1. Sizes:
 - a. WD xx-xx.

- b. Provide to sizes and shapes indicated on the Drawings.
- J. Self-Weeping Window Drip: SWWD, drip edge over the top of doors and windows within a plaster assembly.
 - 1. Sizes:
 - a. Provide to size and shapes indicated on the Drawings.
- K. Drip Screed: DS, drip edge and termination reveal at fascia edges within a plaster assembly.
 - 1. Sizes:
 - a. DS xx-xx.
 - b. Provide to size and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Inside Curve
 - b. Outside Curve
 - c. Reverse Arch
 - d. Arch
 - 3. Intersection and Corners (Prefabricated):
 - a. Inside Corner
 - b. Outside Corner
- L. 2-Piece Drip Screed: DS, drip edge and termination reveal at fascia edges within a plaster assembly.
 - 1. Sizes:
 - a. DS xx-xx-2pc.
 - b. Provide to size and shapes indicated on the Drawings.
- M. Fascia Corner Mold: FCM, termination reveal at fascia edges within a plaster assembly.
 - 1. Sizes:
 - a. FCM xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- N. Aluminum Weep Screed: AW, foundation weep screed at the bottom of a vertical wall within a plaster assembly.
 - 1. Sizes:
 - a. AW-875.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Reverse Arch
 - b. Arch
- O. J-Mold: JPM termination point between plaster and a dissimilar material.
 - 1. Sizes:
 - a. JPM xx-xx.
 - b. Provide to size and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Inside Curve
 - b. Outside Curve
 - c. Reverse Arch
 - d. Arch
 - 3. Intersection and Corners (Prefabricated):
 - a. Inside Corner
 - b. Outside Corner
- P. T-Mold: TPM, recessed termination reveal within a plaster assembly.
 - 1. Sizes:

- a. TPM xx-xx,
 - b. Provide to size and shapes indicated on the Drawings.
- 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Inside Curve
 - b. Outside Curve
 - c. Reverse Arch
 - d. Arch
- Q. Deep V-Reveal: DV, vertical or horizontal recessed reveal within a plaster assembly.
 - 1. Sizes:
 - a. DV 75-150.
 - b. Provide to sizes and shapes indicated on the Drawings.
- R. Short V-Reveal: SV, vertical or horizontal recessed reveal within a plaster assembly.
 - 1. Sizes:
 - a. SV xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- S. X-Mold: XPM, reveal at an outside corner of a plaster assembly.
 - 1. Sizes:
 - a. XPM xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- T. Plaster Corner Mold: PCM, create a reveal at an outside corner of a plaster assembly.
 - 1. Sizes:
 - a. PCM xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- U. Smooth Finish Channel: SFC, vertical or horizontal recessed reveal within a plaster assembly.
 - 1. Sizes:
 - a. SFC xx-xx.
 - b. Provide to size and shapes indicated on the Drawings.
- V. Smooth Finish F-Mold: SFF, recessed termination reveal within a plaster assembly.
 - 1. Sizes:
 - a. SFF xx-xx.
 - b. Provide to size and shapes indicated on the Drawings.

2.3 ALUMINUM DRYWALL TRIMS

- A. General:
 - 1. Material: Extruded aluminum alloy 6063 T5, .050 inch thick.
 - 2. Provided trims in 10 foot lengths
- B. Drywall Reveal: DWR, vertical or horizontal recessed reveal within gypsum board.
 - 1. Sizes:
 - a. DWR xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Straight Radius Curve
 - b. Radius Arch Radius
 - c. Reverse Arch
 - 3. Intersection and Corners (Prefabricated):
 - a. Tee Intersection
 - b. 4-Way Intersection

- c. 90 degree Intersection
 - d. Inside Corner
 - e. Outside Corner
 - 4. Ends:
 - a. Reveal End Cap
 - b. Tapeable Reveal End Cap
- C. Drywall F Mold: DWRF, terminate gypsum board at the top or bottom of vertical walls or ceilings.
- 1. Sizes:
 - a. DWRF xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Radius Outside Curve
 - b. Radius Inside Curve
 - c. Radius Arch
 - d. Radius Reverse Arch
 - 3. Intersection and Corners (Prefabricated):
 - a. Inside 90 degree Intersection
 - b. Outside 90 degree Intersection
 - c. Inside Corner
 - d. Outside Corner
- D. Shadow Mold: DWSM, terminate gypsum board at the top or bottom of vertical walls or ceilings.
- 1. Sizes:
 - a. DWSM xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Radius Shapes: Provide to radius indicated on the Drawings.
 - a. Radius Outside Curve
 - b. Radius Inside Curve
 - c. Radius Arch
 - d. Radius Reverse Arch
 - 3. Intersection and Corners (Prefabricated):
 - a. Inside 90 degree Intersection
 - b. Outside 90 degree Intersection
 - c. Inside Corner
 - d. Outside Corner
- E. V Reveals: DWV, vertical or horizontal recessed reveal.
- 1. Sizes:
 - a. DWV xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
 - 2. Intersection and Corners (Prefabricated):
 - a. Inside 90 degree Intersection
 - b. Outside 90 degree Intersection
 - c. Inside Corner
 - d. Outside Corner
 - e. Tee Intersection
 - f. 4-way Intersection
- F. Drywall End Enclosure: DWE, terminate walls, partitions or cased openings.
- 1. Sizes:
 - a. DWE xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- G. Drywall L-Metal Trim: DWL, cover unfinished edge of gypsum board.

1. Sizes:
 - a. DWL xxx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- H. Drywall Outside Corner: DOC, outside corner trim for gypsum board.
 1. Sizes:
 - a. DOC xxx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- I. Beveled Drywall Corner: BDC, reveal at an outside corner for gypsum board.
 1. Size:
 - a. BDC.
 - b. Provide to sizes and shapes indicated on the Drawings.
- J. Drywall Reveal Corner: DWRW, reveal at an outside corner for gypsum board.
 1. Sizes:
 - a. DWRW xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- K. W-Transition Mold: WTM, termination trim for transitions between gypsum board and dissimilar material.
 1. Sizes:
 - a. WTM xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- L. Drywall Ceiling Trim: DWRCT, terminate gypsum board at the top of vertical walls with gypsum board ceilings.
 1. Sizes:
 - a. DWRCT xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.
- M. Concealed Fastener Trim: CFT, raised feature strip over vertical gypsum board walls.
 1. Sizes:
 - a. CFT xx-xx.
 - b. Provide to sizes and shapes indicated on the Drawings.

2.4 FINISH

- A. Mill Finish aluminum alloy 6063 T-5 for Field Priming and Painting. Do not leave exposed. Requires proper priming and painting
- B. Anodized Finishes:
 1. Clear Anodized Finish: Architectural 200R1 medium etch (AA- M32C10A21). Thickness tested in accordance with ASTM B 244.
 2. Color Anodizing: Two-step impregnated color Class II Architectural .40- .70 mils (AA-M12C22A33). Thickness tested in accordance with ASTM B 244.
 - a. Gold Anodized
 - b. Black Anodized
 - c. Bronze Anodized Light Bronze
 - d. Bronze Anodized Medium Bronze
 - e. Bronze Anodized Dark Bronze.
- C. Chemical Conversion Coat Paint Pre-Treatment: Chem-film/Alodine Treatment conforming to ASTM D 1730 Type B and MIL-C-5541A.
- D. Kynar Paint Finish: Two coat, oven cured 70 percent fluropolymer resin. Coating

meets or exceeds AAMA 605.2 Specification "Voluntary Specification for High Performance Organic Coatings on Architectural Extrusion Panels." Provide with a nominal dry film thickness of 1.2 mil.

1. Color as selected from manufacturers standard range.
 2. Custom Color as selected.
 3. Custom metallic color with clear topcoat.
- E. Powder-Coated Paint Finish: Coating meets or exceeds a dry film thickness of 1.2 mils as specified in AAMA 2605 SEC 4.3. Color uniformity meets or exceeds the requirements of AAMA 2605 SEC 7.1.
1. Color as selected from manufacturers standard range.
 2. Custom Color as selected.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Installation of Exterior Plaster Trim:
 1. Exterior Reveal Moldings Installed Vertically
 - a. Place Building Paper behind all moldings with a shiplap of 6 inches.
 - b. Attach moldings 16 inches on center to framing using approved fastening methods. Cut butt joints accurately and properly seal.
 - c. Install lath over installation flanges of all moldings.
 - d. Mask all reveals prior to plastering. Use cloth or vinyl tape specifically manufactured for masking anodized aluminum moldings. For painted moldings, use vinyl tape.
 2. Exterior Reveal Moldings Installed Horizontally
 - a. Place building paper behind all moldings with a shiplap of at least 2 inches.
 - b. Attach moldings 16 inches or 24 inches on center to framing using approved fastening methods. Cut butt joints accurately and properly seal.
 - c. Install lath over installation flanges of all moldings.
 - d. Mask all reveals prior to plastering. Use cloth or vinyl tape specifically manufactured for masking anodized aluminum moldings. For painted moldings, use vinyl tape.
 3. Exterior Reveal Moldings Over Metal Lath
 - a. Select molding in accordance with the plaster thickness specified.
 - b. Moldings must be tied to the lath with tie wire, to protecting the waterproof membrane. Butt joints must be cut accurately and sealed.
 - c. Cover all installation flanges of the moldings with lath.

- d. Two layers of grade "D" paper are required by UBC when applied over wood-based sheathing.
- e. Mask all reveals prior to plastering. Use cloth or vinyl tape specifically manufactured for masking anodized aluminum moldings. For painted moldings, use vinyl tape.
- 4. Weep, Window, and Soffit Drip Screeds
 - a. Verify installation of flashings and waterproofing for door and window openings before weeping trims are installed.
 - b. Attach weep or drip screeds horizontally 16 inches or 24 inches on center to framing using approved fastening methods. Butt joints must be cut accurately and sealed.
 - c. Install building paper or weather resistant barrier over the attachment flanges to prevent moisture from getting in behind the trim.
 - d. Install lath over attachment flanges of the molding.
 - e. For reveals, use cloth or vinyl tape specifically manufactured for masking anodized aluminum moldings prior to plastering. For painted moldings, use vinyl tape.
- 5. Vinyl Connector Clips
 - a. Use Vinyl Connector Clips for exterior aluminum trims to assist in lining up and sealing butt joints. Use vinyl connector clips as a bed for the sealant to be applied between two pieces of trim. Use Vinyl Connector Clips with Plaster Channel Screeds.
- 6. Aluminum Alignment Splices
 - a. Use Aluminum Alignment Splices and Special Corner or 90 degree Intersection Splices as required to align and join aluminum trims together along a straight plane.
- 7. Prefabricated Factory Intersections For Exterior Trims
 - a. Use prefabricated factory intersections and corners for exterior trims as required. Standard intersections or corners are provided with 6" legs from the center point of the reveal. Installation flanges must be covered with lath and all butt joints must be sealed.
- 8. Ventilation
 - a. Provide trims with Vent Slots where specified or required to provide the needed ventilation. Vent Slots are 1/8 inch wide and 1 inch long and configured at 1-1/2 inches o.c. lengthwise and 1/2 inches o. c. laterally. Each row of Vent Slots lengthwise provides approximately one-square inch of vented area per lineal foot.

C. Installation of Interior Drywall Trim:

- 1. Interior Moldings with Tapeable Flanges:
 - a. Install moldings with tapeable flanges after the drywall/ gypsum board has been installed.
 - b. Framing should provide a backer so moldings can be attached with #6 drywall screws 16" on center.
 - c. Clean installation flanges before the taping. For veneer plaster flanges must be treated with a bonding agent. Mask reveals to prevent compound joint, drywall mud or texture overspray from entering the reveal opening.
 - d. Mask painted aluminum moldings with vinyl tape. Use cloth or vinyl masking tape specifically manufactured for masking anodized aluminum trims.
 - e. Do not overlap the edge of the reveal with drywall tape. Use an 8" wide trowel to apply the final skim coat.
- 2. Interior Moldings without Tapeable Flanges:
 - a. Install moldings without tapeable flanges prior to the drywall/gypsum board being installed.

- b. Framing should provide a backer so that moldings can be attached with #6 drywall screws 16 inches on center.
 - c. Mask reveals to prevent compound joint, drywall mud or texture overspray from entering the reveal opening.
3. Aluminum Alignment Splices for Interior Trims:
 - a. Use Aluminum Alignment Splices for all interior trims. Use Special Corner or 90 degree Intersection Splices as needed.
 4. Prefabricated Factory Intersections for Interior Trims:
 - a. Install prefabricated factory intersections and corners for interior trims where specified.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

3.5 SCHEDULES

- A. :
- B. :

END OF SECTION