

EXTERIOR GRILLES AND SCREENS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. This Section describes the requirements for furnishing and installing exterior screens at parking garage openings where indicated.

1.02 SUBMITTALS

- A. General: Comply with Section 01 33 00.
- B. Shop Drawings: Furnish shop drawings of grilles and screens. Include plans, elevations, sections, and details showing profiles, unit dimensions, miscellaneous steel shapes to be furnished as part of the work of this Section, and installation details.
- C. Samples: 24-inch square samples of grille material.

1.03 QUALITY STANDARDS

- A. Field Measurements: Verify size, location and placement of grille units prior to fabrication, wherever possible.
- B. Shop Assembly: Coordinate field measurements and Shop Drawings with fabrication and shop assembly to minimize field adjustments, splicing, mechanical joints and field assembly. Preassemble units in shop to greatest extent possible and disassemble as required for shipping and handling limitations. Mark units for reassembly and coordinated installation.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURERS

- A. Cambridge Architectural "Parkade" or approved equal.

2.02 MATERIALS AND FABRICATION

- A. Framing:
 - 1. Aliso Street Façade: Cambridge Architectural "Scroll" or approved equal. Provide top attachment, intermediate attachments as required and bottom attachment.
 - 2. Other Facades: Cambridge Architectural "Eclipse" or approved equal. Provide structural top and bottom tube, top attachment, intermediate attachments as required and bottom attachment.
- B. Mesh: Cambridge Architectural "Braid" or approved equal.
 - 1. Material: Stainless steel.
 - 2. Open Area: 65-percent.
 - 3. Weight: 1.80-lbs/sq. ft.
- C. Fasteners: AISI Type 304 stainless steel fasteners.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Locate and place grilles and screens in proper alignment with adjacent work.
- B. Install grilles and screens in accordance with manufacturer's instructions.

- C. Form tight joints with exposed connections accurately fitted together.
- D. Repair finishes damaged by cutting, welding, soldering and grinding. Restore finishes with no evidence of corrective work or provide new units.

END OF SECTION