PART 1 - GENERAL

1.01 SECTION INCLUDES

1. Surface Metal Raceways
2. Multi-outlet Assemblies
3. Wireways

1.02 RELATED SECTIONS

* 1. Section 26 05 05 Electrical Demolition for Remodeling
  2. Section 26 05 33 Conduit, Raceways, and Boxes
  3. Section 26 27 26 Wiring Devices
  4. Section 27 10 00 Structured Cabling

1.03 REFERENCES

1. NECA—National Electrical Contractors Association Standard of Installation
2. NEMA WD 6—Wiring Device Configurations

1.04 SUBMITTALS

1. Submit under provisions of Division 01

B. Product Data: Provide dimensions, knockout sizes and locations, materials, fabrication details, finishes, and accessories.

C. Manufacturer's Instructions: Indicate application conditions and limitations of use stipulated by product testing agency specified under Regulatory Requirements. Include instructions for storage, handling, protection, examination, preparation, and installation of product.

1.05 QUALITY ASSURANCE

Perform work in accordance with NECA Standard of Installation

1.06 QUALIFICATIONS

Manufacturer: Company specializing in manufacturing products specified in this

Section with minimum three (3) years documented experience

1.07 REGULATORY REQUIREMENTS

A. Conform to requirements of ANSI/NFPA 70

B. Furnish products listed and classified by Underwriters Laboratories, Inc.

PART 2 - PRODUCTS

2.01 SURFACE WALL METAL RACEWAY

A. Manufacturers:

1) Wiremold, Model V500, V700, 4000

2) Substitutions: Under provisions of Division 1

3) Match existing manufacturer type and style for surface mounted raceways, devices, and accessories removed during demolition and scheduled or indicated to be reinstalled.

B. Description: One piece suitable for use as surface metal raceway

C. Finish: As approved by PA/E

D. Fittings, Boxes, Box Connectors, and Combination Connectors: Furnish and install manufacturer's standard accessories.

2.02 MULTI-OUTLET ASSEMBLY

A. Manufacturers:

1. Wiremold
2. Hubbell
3. Walker
4. Substitutions: Under provisions of Division 1

B. Multi-Outlet Assembly: Sheet metal channel with fitted cover, with pre-wired receptacles, suitable for use as multi-outlet assembly.

C. Receptacles: NEMA WD 6, type 5-15R, single receptacle

D. Receptacle Spacing: 12" on center or match existing spacing of multi-outlet assembly removed and scheduled for reinstallation.

E. Receptacle Color: As approved by PA/E

F. Channel Finish: As approved by PA/E

G. Fittings: Furnish manufacturer's standard couplings, elbows, outlets, device boxes, and connectors.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install products in accordance with manufacturer's instructions.

B. Mount plumb and level.

C. Use suitable insulating bushings and inserts at connections to outlets and corner fittings.

D. Wireway Supports: Provide minimum of three (3), two-hole straps per 10’ length. Spaced as equally as practical. Do not use back straps.

E. Close ends of wireway and unused conduit openings.

F. Ground and bond raceways and wireways using 10-32 threaded ground screws.

G. Wiremold raceway installations through to above non-accessible hard ceiling spaces shall not terminate in a junction box. Transition to EMT above ceiling level with approved fittings.

H. Wiremold raceway shall not be installed in wet or damp locations; such as, but not limited to, kitchens, toilets, wash down areas, exterior locations, etc.

**END OF SECTION**