



# Division 260531

# Surface Raceways

## DESIGN GUIDE

## 1 General

### 1.1 Introduction

- A. This section applies to the following:
  - 1. Surface metal raceway
  - 2. Metal wireways
- B. Surface metal raceways should be considered for access to power above counters in work areas, computer labs, science labs and other locations where a high density of power outlets is required by the space use.
- C. Where data and power are both required, consider the use of dual channel raceway. The electrical designer shall coordinate with the telecom designer on the required raceway opening locations and types.

## 2 Materials

### 2.1 Surface Metal Raceway

- A. Steel or Aluminum multi-outlet assembly with architectural finish and fitted cover.
- B. Power receptacles installed within surface metal raceway shall be rated for a minimum of 20 amps and be specification grade.



## 2.2 Metal Wireway

- A. General purpose, 16 gauge steel minimum, with full length hinged screw cover and removable end caps.
- B. Cross-sectional dimensions shall be eight (8) times diameter of largest conduit entering from side, with a minimum dimension of 4×4 inches.

# 3 Execution

## 3.1 Installation

- A. Use suitable insulating bushings and inserts at connections to outlets and corner fittings.
- B. Close ends of wireway and unused conduit openings.
- C. Ground and bond raceway and wireway.

# 4 Appendix

## 4.1 Reserved for future.