# GENERAL

## Summary

### Provide all services, labor, materials, tools, and equipment required for the complete and proper installation of equipment supports, cable supports, and fastening hardware as called for in these specifications and related drawings.

### Ladder rack will not be used; where designed, use cable or basket tray.

## System Description

### Design Requirements: Support systems shall be adequate for the maximum capacity weight rating of cable. Cable support systems shall have no sharp edges.

## Submittals

### Product Data: Submit manufacturers’ product information for hangers and supports.

## Quality Assurance

### Comply with section 270000.

## Delivery, Storage, and Handling

### Comply with section 270000.

# PRODUCTS

## Manufacturers

### WBT or Cabofil - Submit product information for approval.

## Materials and Fabrication

### Provide all material as needed for complete installation.

### All hardware shall be corrosion resistant.

### For technology pathway systems, provide all associated components from a single manufacturer.

# EXECUTION

## Examination

### Comply with section 270000.

## Installation

### Fasten hanger rods, conduit clamps, and other applicable supporting hardware to the building structure using expansion anchors, beam clamps, or powder actuated fastening systems. Do not use spring clips and clamps. No sharp edges.

### Do not fasten supports to piping, ductwork, mechanical equipment, lay-in ceiling support wires, or conduits.

### Do not drill structural steel and concrete members.

### In areas where cable tray or conduit is not provided, support the cable with cable hangers. Cable hanger-to-cable hanger center-to-center separation shall be a maximum of 6 feet. Cable bundles shall be at all times at least 6 inches above any lay-in ceiling tiles. Cable support hangers shall be placed in a straight line as much as is possible.

## Adjustments

### Comply with section 270000.

END OF SECTION 270529