

SECTION 26 07 40 - TELEPHONE AND COMPUTER DATA PROVISIONS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Provide the system of conduits, pull boxes, outlet boxes, and other associated equipment specified herein and as shown on the Drawings for telephone and computer data.
- B. All wiring, instruments, terminal equipment, etc., will be provided by others.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Outlet Boxes: 4" square, 2-1/8" deep minimum with 1-gang device ring, with a 1" conduit routed to accessible ceiling space.
- B. Conduits: 1" minimum to outlets or sized for cable load per NEC and industry standards.
- C. Pull Boxes: Sheet metal, primed and painted, screw cover.
- D. Telephone terminal backboards shall be 3/4" thick plywood with a grade of "AB" or higher. Mount with best side out. Backboards shall be smooth finished, sanded surface without significant blemishes. Prime and paint with two coats of white fire retardant paint, Benjamin Moore IronClad® Retardo®, or approved alternate.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Conduit bends shall be large radius field bends. No run shall have more than 270 degrees of total bend radius unless a suitable pull box is installed. Pull boxes, cast type fittings or sharp bends shall not be installed in utility service raceway systems unless specifically shown on the Drawings or approved by the telephone company.
- B. Where conduits are shown stubbed into a terminal area, conduits shall be stubbed up 6" above floor or 12" below ceiling and terminated with insulating bushings. Provide 80# test polypropylene pull line in all conduits for telephone company use.

- C. Anchor plywood terminal boards adequately to wall for telephone terminal use.
- D. Provide double duplex receptacles in locations on the backboard as specified on the Drawings. Coordinate exact location with Owner's vendor or utility representative prior to rough-in.
- E. Provide 3/4" raceway and #6 copper wire with green insulation from telephone terminal backboard to main service ground bus for telco ground, unless indicated otherwise on the Drawings.
- F. Provide blank cover plate at all telephone or computer outlet locations not covered by Owner's tele/data installer, finish as selected by Architect.
- G. Stub conduit with bushing and pull wire into accessible ceiling space from each telephone and computer outlet. Outlets shall NOT be daisy chained.
- H. Telephone or computer data outlet boxes shall be placed at the same height as adjacent power outlets.

END OF SECTION 26 07 40