SECTION 27 15 43 - COMMUNICATIONS faceplates and connectors

PART 1 - General

1.01 SUMMARY

A. Provide all services, labor, materials, tools, and equipment required for the complete and proper installation of new faceplates and proper termination of new connectors specified in this section of the Division 27 specifications and accompanying construction drawings.

B. The specification sections of this Division 27 that are particularly applicable to this section include, but are not limited to, the following:

1. Section 27 00 00 - Communications

2. Section 27 06 00 - Communications Schedules

3. Section 27 05 33 - Conduits and Backboxes for Communications Systems

3. Section 27 11 19 - Communications Termination Blocks and Patch Panels

4. Section 27 15 13 - Communications Copper Horizontal Cabling

5. Section 27 15 53 - Cable Plant Testing

6. Section 27 41 17 - CATV Distribution System

1.02 quality control

Comply with Section 27 00 00 - Communications.

1.03 warranties

Comply with Section 27 00 00 - Communications.

1.04 material substitutions

Comply with Section 27 00 00 - Communications.

1.05 Submittals

Comply with Section 27 00 00 - Communications.

1.06 Delivery, storage, and handling

Comply with Section 27 00 00 - Communications.

Part 2 - products

2.01 Quantity determination

Comply with Section 27 00 00 - Communications.

2.02 Faceplates

Furnish all required faceplates - see Section 27 06 00 - Schedules for Communications, UCSC Master Pre-Approved Product/Material/Manufacturer List Index, Product/Material Category, "Faceplates."

2.03 connectors

Furnish all required UTP CAT 6 modular jacks - see Section 27 06 00 - Schedules for Communications, UCSC Master Pre-Approved Product/Material/Manufacturer List Index, Product/Material Category, "Jacks."

PART 3 - EXECUTION

3.01 General

For all cable types, connector installation execution shall comply with connector manufacturer's installation specifications, instructions, and recommendations.

3.02 examination

Comply with Section 27.00 00 – Communications.

3.03 Faceplate labeling

A. Label General: WAO jack assignment number and TS patch panel port number shall be the same number. Example: A horizontal cable terminated on WAO jack 1001 shall be terminated on patch panel port 1001. A horizontal cable terminated on WAO jack 2099 shall be terminated on patch panel port 2099. This number is also the cable number.

B. Jack Labels and Placements: Each faceplate jack position shall be labeled with its complete jack number which includes the building number. Place label directly above or below jack, using faceplate label holder. The jack position label format shall be XXX-YZZZ where:

 1. XXX is the last 3 digits of the building number.

2. Y = the floor number - use zero (0) for basement.

3. ZZZ = the WAO jack number the cable is terminated on - 001 through 999.

C. An alternate labeling method to increase label readability would be to label the jacks with the 4-digit jack number and have a header label on the faceplate in the following format: “Building XXX.” This alternate must be approved by the project manager.

D. All labels shall be machine created labels, clearly legible, black letters on white background. Brother P-Touch or equal.

3.04 testing

Comply with Section 27 15 53 - Communications Cable Plant Testing.

3.05 as-built drawings

Comply with Section 27 15 53 - Communications Cable Plant Testing.

3.06 verification

Comply with Section 27.00 00 – Communications.

3.07 adjustments

Comply with Section 27.00 00 – Communications.

**END OF SECTION**