

SECTION 27 11 13 - ENTRANCE FACILITIES

PART 1 - GENERAL

1.1 DESCRIPTION

- A. The Demarc/MPOE location for utilities use in the building shall be indicated on the plans.
- B. All requirements set by the appropriate Utility are to be met. If customer owned cable plant is entering the building both ends of the cable will be covered by this specification and industry standard for protection.
- C. All equipment, sleeves, bushing, fire-stop and accessories needed to make this a safe and useable area whether specified or not are to be a part of the contractor's submittals and implemented in the space.

1.2 QUALITY ASSURANCE

- A. All equipment shall be UL listed. All installations shall comply with the NEC.
- B. Refer to Specification 27 01 00 for additional requirements.
- C. Coordinate any work in this space with other trades that will be utilizing space in this area.

1.3 SUBMITTALS AND PRODUCT DATA

- A. Include shop drawings depicting wiring and connection diagrams in addition to the requirements in other parts of this Specification.

PART 2 - PRODUCTS

2.1 MATERIAL

- A. 3/4"x 4' x 8' sheet of AC grade plywood. If utility requires use Fire-rated plywood.
- B. Protector Entrance Terminal and associated equipment shall be provided by utility. Contractor to coordinate room layout with other trades and equipment to be installed.
- C. #6 AWG. Solid ground wire.
- D. D-Rings
- E. Conduit
- F. Fire-Stop

PART 3 - EXECUTION

3.1 EQUIPMENT ROOM

- A. If fire-rated plywood is used it is to be attached with the stamp showing. The plywood is to be attached to the building structure, toggle bolts are not an acceptable means of support.
- B. Conduits that are placed within the space that penetrate into adjacent areas will be done so in a way to maintain the Fire-Rating required.
- C. Grounding is required to meet applicable codes and as required by Utilities. All Protection Entrance Terminals shall be grounded to main building ground.

3.2 CABLES

- A. All Cables within the Equipment room shall be routed to avoid any electrical interference. Location of devices shown on plans are for reference only, they do not designate the layout of the space.
- B. Cables are to be run through D-Rings leaving room for growth.
- C. Cables will be supported and secured in a professional manner.

PART 4 - DOCUMENTATION

4.1 LABELING

- A. All cables terminating within the Equipment Room are to be labeled as close to where the cable sheath has been removed with the label still being visible.
- B. Labeling will be done with a P-Touch or some other means of mechanical printing device.
- C. Labeling that is used on the cables is to be the same as the labeling shown on the as-builts to be submitted at the end of the project.
- D. Label all coaxial cabling installed for utility use with unit number indicated on plans.

END OF SECTION 27 11 13