1.0 GENERAL

1.1 Related UBC Guidelines

.1 Section 26 05 06 Standard Drawings

1.2 Coordination Requirements

.1 UBC Building Operations Electrical Technical Support
.2 UBC Energy and Water Services

2.0 MATERIAL AND DESIGN REQUIREMENTS

2.1 Labeling Requirements

.1 Feeder labels to be installed around feeders at cable heads, stress cones, manholes, pull pits, etc. Refer to Standard Drawing E4-1.

.2 Feeders revised from existing circuit arrangements shall be relabeled at all ‘downstream’ locations such as manholes, pull pits and building switchgear.

.3 Engraved lamacoid nameplates with the name of the load shall be installed on breakers or switches at the switchgear cubicles and elsewhere where called for on the drawings.

.4 Nameplates shall be securely fastened and screwed or riveted.

.5 Exterior cubicle nameplate dimensions shall be engraved brass 4" x 1 ½" black lettering.

2.2 Labeling General

.1 Junction Boxes
  .1 Junction boxes in visible areas shall be labeled with machine printed material. The label(s) shall consist of Panel #, Cct #(s), FA zone #, etc.

.2 Fusible Disconnects
  .1 Fusible Disconnects shall have a firmly affixed lamacoid label indicating fuse type and maximum fuse rating.

.3 Labels Outside
  .1 Labels located outside shall be of the engraved lamacoids type and be affixed with UV or corrosion resistant ties.

.4 Equipment and Devices
  .1 All equipment and devices shall be labeled with their tag # first and if this is not available the circuit #, IP address or Zone shall be labeled with machine printed material. Examples of the equipment and devices that shall be labeled:
    • Receptacles
    • Light switches
    • Motors / Pumps
    • AHU’s
    • Heaters
    • Equipment specific to the area
• Fire Alarm System field devices
• Unit Equipment

2.3 Distribution Equipment and Panel Board Identification

.1 Refer to Section 26 10 00 Secondary Power Distribution, 3.0, and Standard Drawing E10-2.

.2 Electrical distribution panels and transformers shall be labeled with colour-coded lamacoids indicating Normal, Stand-By or Life-Safety/Emergency systems. Refer to UBC Standard Drawing E10-2 for colours.

2.4 Secondary Distribution Raceways and Cables Identification

.1 Raceways and cables for interior LOW VOLTAGE systems shall be identified in accordance with Drawing E10-1.

***END OF SECTION***