262726  WIRE CONNECTIONS AND CONNECTING DEVICES

PART 1:  GENERAL

1.01  WORK INCLUDED

A.  All devices, light switches, and convenience receptacles shall be specification grade and be 20-amp minimum.

B.  Splices:

1.  Wires #8 and smaller: Pre-insulated solderless connectors.

2.  Wires #6 through #4/0: Compression or split bolt type connectors as manufactured by Dossert, Burndy, or T & B.

3.  Wires larger than #4/0: Compression or split bolt type connectors with minimum two pressure points per conductor.

4.  Tube type compression connectors are suggested for splices made within splice boxes to minimize splice box fill. It is also suggested that cold-shrink tubes of an insulating value meeting or exceeding the cable insulation be utilized to cover all portions of the splice including any portion of bare cable.

5.  Wire connectors or splicing means installed on conductors for direct burial shall be UL listed for such.

6.  Any connections or splices, as well as their enclosures, located in outdoor or underground locations shall be listed and approved for wet locations.

7.  All splices shall be covered with an insulation equivalent to that of the conductors or with an identified insulating device.

C.  Splice Boxes:

1.  Splices shall only be located within accessible splice boxes or enclosures.

2.  Only conduit bodies that are durably and legibly marked by the manufacturer with their volume shall be permitted to contain splices, taps, or devices.

3.  The designer shall ensure that the conductor fill in the splice box/enclosure, including splices, does not exceed the fill area permitted by the NEC.

4.  Splice boxes, enclosures and conduit bodies shall have accessible and removable covers.