

UL listed type MC cable connectors with insulated bushings and screw type cable attachments shall be used in all MC cable installations. Connectors shall be steel, not the cast type.

(Add) 13.8.10.6.2.5

Conductor size shall be increased as required so as to limit voltage drop to a maximum of three percent (3%).

(Add) 13.8.10.6.2.6

All initiating devices and notification appliances shall be supported independently of their attachment to the circuit conductors.

(Add) 13.8.10.6.3

The color code for all fire alarm system conductors shall be as follows:

(Add) 13.8.10.6.3.1

INITIATING DEVICE CIRCUIT shall be red and black. Red shall be positive and black shall be negative [IDC/SLC].

(Add) 13.8.10.6.3.2

NOTIFICATION APPLIANCE CIRCUIT shall be blue and white. Blue shall be positive and white shall be negative. When bells, chimes or other audible/visual devices are used in lieu of horns, this color code shall be followed [NAC].

(Add) 13.8.10.6.3.3

FLASHING STROBE CIRCUIT, if a separate feed is required, shall be blue and white. Blue shall be positive and white shall be negative.

(Add) 13.8.10.6.3.4

SPRINKLER/STANDPIPE CIRCUITS shall be red and black. Red shall be positive and black shall be negative.

(Add) 13.8.10.6.3.5

SMOKE DETECTOR CIRCUITS, if a separate power feed is required, shall be brown and violet. Violet shall be positive and brown shall be negative.

(Add) 13.8.10.6.3.6

AUXILIARY REMOTE POWER SUPPLY CIRCUITS shall be brown and violet. Violet shall be positive and brown shall be negative.

(Add) 13.8.10.6.3.7

ELECTRO-MAGNETIC DOOR HOLDBACK CIRCUITS shall be gray and gray.

(Add) 13.8.10.6.3.8

MUNICIPAL MASTER BOX TRIPPING CIRCUITS shall be orange and orange. Conductors for this circuit shall be installed in a separate raceway.

(Add) 13.8.10.6.3.9

ELEVATOR CAPTURE CIRCUITS shall be brown and yellow.

(Add) 13.8.10.6.3.10

HVAC SHUTDOWN CIRCUITS shall be orange and yellow.

(Add) 13.8.10.6.3.11

REMOTE ANNUNCIATOR CIRCUITS shall be violet and numbered at each end.

(Add) 13.8.10.6.3.12

BOND WIRES from the control panel to the master box ground rod, and all required bonding conductors shall be green or bare.

(Add) 13.8.10.6.3.13

MUNICIPAL FIRE ALARM LOOP from the master box to the municipal loop shall be black and white.

(Add) 13.8.10.6.3.14

AC SUPPLY CIRCUIT to the main fire alarm control unit shall be white, black and red. The black shall be one phase, and the red shall be the opposite phase, if required. The white shall be the neutral. If a separate feed is required for the battery charger, it shall be black and white unless the main fire alarm control unit requires only one AC feed. In that case, the conductors to the battery charger shall be red and white.

(Add) 13.8.10.6.4

Primary AC power and/or battery charger circuits shall be on a dedicated branch circuit(s). Circuit breaker locks shall be provided and listed for use with the applicable