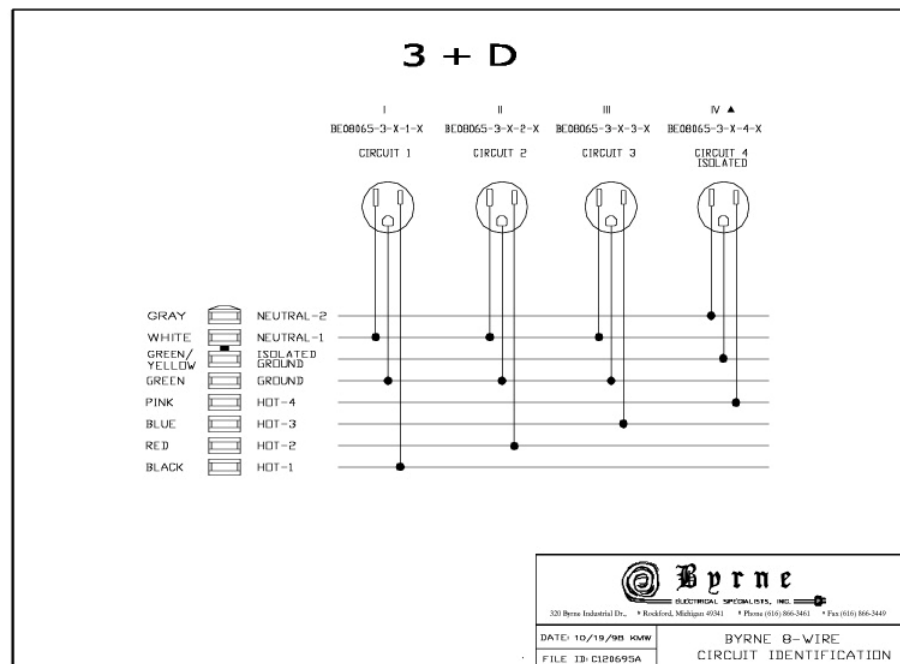


WORKSTATION SYSTEMS WIRING 101 FOR ELECTRICIANS

The following is basic information on integrated cubicle workstation electrical components:

- 8 wire – 4 circuit system
- System rated at 20A
- 3 utility circuits & 1 dedicated
4 hot/2 neutral/2 grounds
- 1 end of whip must be hardwired to
junction box (floor, ceiling or wall)
by a licensed electrician
- Junction boxes must be accessible,
according to code, and cannot be
obstructed with panels
- Plug & Play harnesses & duplexes
- Duplexes are pre-wired (pre-determined)
with connection points to create utility or
dedicated circuit
- Whips plug into plug & play system
harness, duplexes snap into place

Wiring Schematic



- Run conduit - encompassing 8 wires / 4 circuits - from building power source to junction box location. Connect wires from building power supply to hard wire end of whips:
 - 4 colored wires (hot) – connect to 4 colored wires (hot)
 - 2 neutral wires (white/grey) – connect to 2 neutral wires
 - 2 ground wires (green/grn-yellow) – connect to 2 ground wires

*A licensed electrician is required to connect workstation whips into building power supply, and to adhere to local electrical codes.

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