

**Project: Project Name (eB #)**

- Service entrance routing shown, noted and coordinated on drawings
- Main service disconnect located in first, readily accessible space
- Verify service equipment dimensions are shown correctly on drawings
- Verify path and clearances to get equipment into space
- Ground rod electrodes and GEC routing clearly shown on drawings
- Firestop penetrations through fire rated construction
- Verify required dedicated and working space requirements and required egress
- If over 112.5-kVA, verify if installed in a 1-hour fire rated space
- Verify all electrical equipment is shown on one-line
- Verify all overcurrent protective device ratings
- Verify all metering requirements
- Provide short circuit ratings for all electrical distribution equipment
- Provide preliminary arc flash ratings for all electrical distribution equipment
- Provide overcurrent protective device coordination
- Verify voltage drop for all feeders over 200-feet
- 480Y/277V & 1000A - provide GFPE
- Verify system bonding jumper sizes
- Verify system bonding/main bonding jumper size
- Verify all ground conductor sizes
- Has disconnection or planned interruption been coordinated through EH&S or CIT or Utilities and Owner?
- Will a new service entrance be required? If so, is duct bank sized and routed properly?

- Were appropriate Standards followed?
- Is the one-line diagram included complete with conduit schedule, AIC ratings, etc? (Distribution best conveyed as one-line rather than riser diagram.)
- Is temporary electrical service (lighting/power) needed for construction?
- Is TVSS included at main switchboard or panelboard?
- Abandoned wiring, devices, and equipment are completely removed? Are items to be scrapped or stored (is disposal hazardous)?
- Is there a plan to protect new equipment from damage and/or dust during construction?