



## **PRINCE GEORGE'S COUNTY THIRD-PARTY INSPECTION PROGRAM ELECTRICAL INSPECTION NOTES**

The following is a list of items that are covered during a 3rd party pre-construction meeting. This list is a guideline to inform the customer of what the requirements are for onsite inspections, power cut ins and final inspections.

### **Onsite inspections:**

- Ufer ground must be performed by the EIR and witnessed in person prior to concrete pour. No other is qualified to approve or witness the Ufer inspection.
- All underground work which includes secondary's on power feeders must be performed by EIR.
- All wiring methods must conform to the design and approved set of drawings.
- Approved drawings, all permits and sign in log sheet must be onsite and available for review, signing, and reference.
- Every electrical discipline must be covered by an electrical permit which would be the following:
  1. Temporary power
  2. Temporary trailer
  3. Fire Alarm
  4. Fire pump service
  5. Main electrical listing all devices, sub panels and main service
  6. Electrical for Audio Visual, Security, Data, Mechanical and all other low voltage.
  7. Pole bases
  8. Generator
  9. Any other system or device requiring electrical hook up and wiring requiring voltage.
- All work to be performed to the requirement of the approved drawing but is subject to onsite verification of compliance and is also subject to P.G. county supplemental code.
- Pole bases require underground and base inspection. The pole base is inspected for supplemental grounding and must be installed as designed and indicated on the approved drawing.

### **Service Power Cut In:**

- Onsite inspection must be performed by EIR and attachment 6 for cut in will be sent to P.G. county for schedule of site visit via email for schedule and follow up hard copy original.
- A copy of the electrical permit must be provided at the time of inspection to be included with the attachment 6.



- Permit must contain all of the information relating to the service size, voltage and power utility provider.
- County is required to perform recommendation verification by placing sticker on service and upon approval will release the cut in certificate to the power utility provider. It is the responsibility of the contractor to coordinate the hook up with the power utility provider.
- Testing certificate for GFI to be provided if applicable.

**Attachment 6 for Stocking:**

Final attachment 6 for stocking only must meet the following requirements:

- Barriers protecting all non-construction occupants for stocking from any electrical hazards or areas requiring authorized personnel only
- All life safety installed and functional in areas with in the barriers and for egress.
- Signed original Attachment 6 for Stocking only provided by EIR.

**Attachment 6 for Training:**

- Same requirements as for stocking with the exception of a letter of liability by customer for all non-construction and uninsured occupants.

**Attachment 6 Temporary Final U and O:**

- All areas must be free from construction debris and personnel with the exception of any of the outstanding work that is required to be performed for the final.
- All openings must be covered and protected from sharp edges and potential hazards.
- Temporary signage and placards must be installed in all areas requiring identification on electrical circuits, switches and panel boards.
- All permits must be verified and amended to reflect all disciplines. Copies to be provided and accessible for verification and ready for attachment to final attachment 6.
- All life safety must be functional. Generator verification is to be performed with EIR to walk verify all life safety if it is integral to its function.
- Load test for generator.



- Verification of all supplied energized equipment to meet the submittals provided by design engineer and must be listed.
- Attachment 6 for Temporary U and O with original signature of EIR.

**Attachment 6 Final U and O:**

All of the requirements met by the Temporary U and O must be met with the following additions:

- Hard copies of all electrical permits to be provided for attachment to Final Attachment 6 document.
- Permanent placards and panel legends.
- Finish all disciplines in they are all completed and terminated with no loose ends. No visible signs of any unfinished work.
- Provide all original waiver letters, private testing reports for GFI or non listed devices.
- Final attachment 6 must reflect all permits with correct address, suite numbers and county Tax Map numbers. Must be signed original to be given during time of final county approval.

**Note on scheduling inspections:**

*Unless otherwise specified, all inspections are to be scheduled through the KNEC Website at [www.knecinspections.com](http://www.knecinspections.com). You will be notified by invite of confirmation and approximate time of inspection.*