



# Community Development Virtual Inspection Checklist

1200 L.W. Besinger Drive • Carpentersville, IL 60110  
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## Electric Service Upgrade

An email will be sent with instruction for video call based on the information provided. Any additional pictures or videos should be emailed to [thomas@cville.org](mailto:thomas@cville.org). Once the inspection is completed, a report will be emailed to the applicant. Please review the information below before the inspection.

### Items needed

- Phone or tablet
- Screwdriver
- Flashlight

### Before you begin

- Have the approved plans with you.
- Turn off notifications on device.
- Connect to wifi if possible.
- Remove covers from circuit breaker panel and service meter cabinet safely

### Items of focus during inspection

#### **Circuit Panel:**

- GEC bonding
- Size of conductors and raceway
- Service raceway draft stop
- GEC water line bond
- Bonding bushings where required
- Branch circuit arc fault protection where required

#### **Service Equipment:**

- Exterior disconnect
- Ground rod locations
- Service mast attachment
- Overhead service conductor clearances
- Working clearance
- Hard wired, interconnect smoke and carbon monoxide detectors

### **Flow of virtual inspections**

- Inspections should begin at the exterior of the property with the address clearly visible.
- Exterior service equipment will be inspected first
- Views of service conductors will be required to show compliance with clearance requirements
- Inside of service cabinet will be inspected along with ground rod locations and bonding
- Inside, with the circuit break panel cover removed, the circuit panel cabinet will be inspected
- Bonding for cold water line may need to be shown
- Smoke and carbon monoxide detectors will need to be tested

### **Additional photos that may need to be submitted**

- Circuit breaker panel directory
- Data plates for circuit breaker
- Marking for ground rods
- Any penetrations in building envelope