



CITY OF CORPUS CHRISTI  
**DEVELOPMENT SERVICES DEPARTMENT**  
P.O. BOX 9277 | CORPUS CHRISTI TEXAS 78469-9277



TO: Development Services Customers

SUBJECT: **INFORMATION BULLETIN #005**  
**Residential Electrical Inspections Done with Pictures**

DATE: March 22, 2020

CREATED BY: Development Services Department

**Purpose:**

To remain consistent with the directive given by the Governor, the City Manager has asked the Development Services Department (DSD), to scale back operations for the safety of staff and for the safety of the community. The following outlines procedures for residential electrical inspections that can be done with pictures instead of videos starting Monday, March 23<sup>rd</sup>, 2020 through Friday, April 3<sup>rd</sup>, 2020 or otherwise directed by the City Manager. This process helps to ensure that inspections can be performed in a timely manner which will allow for development to continue.

**Procedures:**

For all scheduled inspections, the inspector will reach out to the primary contact listed on the inspection and provide their email address for pictures to be sent to. Picture inspections are only applicable to the inspections listed below and must include pictures identifying the address of the structure scheduled for inspection.

All projects are subject to field verification if the Building Official has reason to doubt the authenticity of any materials or photos provided. In addition, the Building Official may require a video inspection in lieu of pictures if warranted.

Inspection types are as follows:

1. Service
  - a. City Ordinance- 230.70 (d)- 22 Kaic Main
  - b. NEC 310.120- Size of Service Entrance Conductors
  - c. NEC 110.26- Clearance in front of service
  - d. NEC 250.94- Inter System bonding terminal
  - e. NEC 250.66 and NEC 250.119- Size of grounding electrode and color of green
  - f. NEC 250.53(g) – Grounding electrodes driven to 8’ and no less than 6’ apart
  - g. NEC 250.64 C- Grounding electrode must be continuous
  - h. NEC 250.96- Bonding bushings when needed
  - i. NEC 250.104- Bonding of gas pipe when applicable
  - j. NEC Table 250.102 (c)(1)- size of interior pipe bond and bonding jumpers
  - k. NEC 240.6 and NEC 310.15 (b)(16)- proper over current protection

## 2. Internal of Building

- a. NEC 210.8- GFCI protection where required
- b. NEC 210.12- AFC protection where required
- c. NEC 20.52 (a) Afforded wall space per receptable outlet
- d. NEC 210.52 (C)- Afforded kitchen countertop space per receptable outlet
- e. NEC 314.20- Outlet boxes not to sit back more than ¼” on non-combustible material. Flush with combustibile material
- f. NEC 314.21- Outlet boxes not to have more than 1/8” gap ground
- g. NEC 110.3- HVAC Equipment to have listed manufactures nameplate
- h. NEC 314.27- Ceiling fan rated boxes
- i. NEC 314.16- Outlet box volume capacity
- j. NEC 334.12 (b)- physical protection on cables routed through plaster
- k. NEC 334.30- Spacing o n.m. cable (8” from outbox every 4 ½’)
- l. NEC 334.23- Physical protection on n.m. cable routed over ceiling joist within 7’ if attic pull down (6’ from attic scuttle hole)
- m. NEC 210.63- Receptable outlets within 25’ of HVAC equipment
- n. NEC 210.70- Lighting outlet requires
- o. NEC 430.75- Disconnect on septic tanks
- p. NEC Table 300.5- Underground depth requirements.
- q. NEC 300.4 Nail Protection at locations where holes are based less than 1-1/4” from the edge of wood members
- r. 2015 IRC- Smoke detectors in all sleeping rooms and area adjacent
- s. NEC 300.22- No boxes or cable in return air plenums

### Summary:

Please know that it is our goal to provide the most effective and efficient service possible however these new procedures will interrupt our usual operational flow, so please be patient as we try to adjust and service the community during these challenging times. As always, should you have questions or if you require additional information please let us know.

This bulletin is for informational purposes only .

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