

February 2<sup>nd</sup> , 2022

Reference: Food Lion #2839  
860 PARRIS ISLAND GTWY BEAUFORT, SC 29906  
IP # 2021.1218

**This letter is to inform the contractor of deficiencies which must be corrected as per Crescent Electrical Survey. Refer to Crescent Survey and to the Construction Documents for additional information.**

### **Deficiency D-1 Panel Schedule Labeling**

**Location:** Entire Store  
**Description:** all schedules are to be 100% accurate, on card stock, typed, dated, and installed in a clear pocket. ec shall go through all existing electrical panels to trace and verify all circuits for accuracy. receptacles and lighting are to be labeled by area/location. sales floor lighting circuits are to include row number. case circuits are to reference refrigeration circuits. spare is a breaker with no wire. blank is an empty slot. all wired and active breakers shall be properly scheduled. note: wired breakers with no active load / device shall be labeled as spare, ending location. do not remove existing panel schedules. electronic copies of all panel schedules are required at closeout.  
**Response:** See sheets E6.01.

### **Deficiency D-3 Refrigeration Circuit Sizing**

**Location:** Entire Store  
**Description:** entire store/engineer to size main breakers / conductors per MOCP / MCA requirements in revised refrigeration summary. see disconnect inventory for relative data.  
**Mt2 / rack b: 300-amp fuses, 350 kcmil cu.**  
**Lt1 / rack c: 400-amp fuses, (2) 250 kcmil cu.**  
**Mt1 / rack a: 500-amp fuses, 600 kcmil cu**  
**. \*\*all roof top condensers are fed from the racks\*\***  
**Ac 1: 175-amp breaker, 4/0 cu.**  
**Ac 2: 350-amp breaker, 350 kcmil cu.**  
**Response:** See sheet E6.04.

**Deficiency D-14 Emergency Lighting Along with Select Night Lighting**

**Location:** Entire Store  
**Description:** Currently fed from Panel EM. New emergency lighting and night lighting systems to be designed by engineer.  
**Response:** See sheet E1.01.

**Deficiency D-16 Existing Neutrals, Case Lighting & Fans**

**Location:** Mechanical Room  
**Description:** Existing refrigeration circuits in mechanical room suggest lights and fans are sharing neutrals. This only applies to new and relocated case work; Lights and fans both are to have dedicated neutrals.  
**Response:** See sheet E6.01.

**Deficiency D-17 Double Terminations; Remove**

**Location:** Mechanical Room  
**Description:** The following panels have double terminations:  
BD; Circuit 31.  
H; Circuit 22.  
Repair, branch circuit panelboards are not to be used as junction boxes, remove all additional wiring, single terminations only.  
**Response:** See sheet E6.01.

**Deficiency D-19 Grinder - Repair**

**Location:** Meat prep  
**Description:** Replace damaged male / female plug and boots.  
**Response:** See sheet E1.02.

**Deficiency D-22 Install Egress Lighting (7)**

**Location:** Engineer to verify number with final fixture plan  
**Description:** entire store  
**Response:** See sheet E1.01.

**Deficiency D-32 Panel BDM Data**

**Location:** Deli Bakery storage  
**Description:** Schedule Incorrect.  
**Response:** See sheet E4.01.

**Deficiency D-33 Panel BD Data**

**Location:** Deli Bakery storage  
**Description:** Schedule Incorrect.  
**Response:** See sheet E4.01.

**Deficiency D-34 Dock/Main Gear (4 SECTIONS)**

**Location:** Mechanical room  
**Description:** vacuum & wipe clean  
**Response:** See sheet E6.04.

**Deficiency D-35 Panel F Data; Schedule Incorrect**

**Location:** POS Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-36 Panel POS Data; Schedule Incorrect**

**Location:** POS Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-39 Panel EM Data; Schedule Incorrect**

**Location:** Mechanical Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-41 Panel D-1 Data; Schedule Incorrect**

**Location:** Mechanical Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-42 Panel H Data; Schedule Incorrect**

**Location:** Mechanical Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-43 Panel E Data; Schedule Incorrect**

**Location:** Mechanical Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-44 Panel B Data; Schedule Incorrect**

**Location:** Mechanical Room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-45 Panel A Data; Schedule Incorrect**

**Location:** Mechanical room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-46 Panel J Data; Schedule Incorrect**

**Location:** Mechanical room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-48 Panel D-2 Data; Schedule Incorrect**

**Location:** Mechanical room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-50 Panel G Data; Schedule Incorrect**

**Location:** Mechanical room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-52 A #8; Circuit Overload**

**Location:** Mechanical room  
**Description:** 19.2 amps on a 20-amp circuit, 10 AWG, labeled as LTS-register. Repair; install an additional 20-amp branch circuit and split the load to 16 amps or less.  
**Response:** See sheet E6.01.

**Deficiency D-53 Panel R, MT 2 Fuse Frame; Hot A Phase Finger Mechanism (Monitor Issue)**

**Location:** Mechanical Room  
**Description:** Issue with A Phase is 136 F, which is 16 F over a normal B Phase. Room Temp 90 F  
**Response:** See sheet E6.04.

**Deficiency D-55 Panel C-1 Data; Schedule Incorrect**

**Location:** Mechanical room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-56 Panel C-2 Data; Schedule Incorrect**

**Location:** Mechanical room  
**Description:** Schedule Incorrect.  
**Response:** See sheet E6.01.

**Deficiency D-58 Electrical Repair Notes; Add To The Prints:**

**Location:** Mechanical Room  
**Description:** General Electrical Notes, Add or Change All distribution sections, branch panels, main breakers & disconnects shall have phenolic labels, (1 & 1/2" black on white). Main breaker and safety disconnect labeling shall match. Arc Flash Labels and mechanical drawings will dictate naming Labels can be ordered from CD Controls the national account breaker supplier. - Review all existing single pole breaker sizing, correct as needed per code and equipment nameplate  
**. Response:** See sheet E6.04.