

EQUIPMENT BRANCH
NEC: 517.35

PANEL 'E' LOAD SUMMARY table with columns: LOAD TYPE, kVA CONN, DEM FACT, kVA DEM. Includes categories like LIGHTS, RECEPTACLES, HVAC, WATER HEATERS, EQUIPMENT, MISCELLANEOUS, and TOTALS.

NEW PANEL: E 3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1. Detailed load schedule table with columns: DESCRIPTION, POLE, WIRE SIZE, BRK SIZE, CTT #, A, B, C, CTI #, WIRE SIZE, POLE, DESCRIPTION. Includes notes at the bottom regarding square D and SPD requirements.

- 1. PANEL SHALL BE EQUAL TO SQUARE D NO.
2. PROVIDE HACR BREAKERS FOR HVAC EQUIPMENT.
3. GFI - PROVIDE GFCI BREAKER FOR CIRCUIT. GFCI RECEPTACLES MAY BE USED IN LIEU OF GFCI BREAKERS SO LONG AS THE DEVICE(S) CONFORM TO NEC CODE REQUIREMENTS FOR GFCI PROTECTION AND CAN BE MOUNTED IN A READILY ACCESSIBLE LOCATION.
4. A LISTED SPD SHALL BE INSTALLED IN OR ON ALL EMERGENCY SYSTEMS PANELBOARDS.

NORMAL BRANCH

PANEL 'N1' LOAD SUMMARY table with columns: LOAD TYPE, kVA CONN, DEM FACT, kVA DEM. Includes categories like LIGHTS, RECEPTACLES, HVAC, PREP / BREAK EQUIPMENT, EQUIPMENT, MISCELLANEOUS, and TOTALS.

NEW PANEL: N1 3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1. Detailed load schedule table with columns: DESCRIPTION, POLE, WIRE SIZE, BRK SIZE, CTT #, A, B, C, CTI #, WIRE SIZE, POLE, DESCRIPTION. Includes notes at the bottom regarding square D and SPD requirements.

- 1. PANEL SHALL BE EQUAL TO SQUARE D NO.
2. PROVIDE SPD/HID RATED BREAKERS FOR LIGHTING CIRCUITS.
3. GFI - PROVIDE GFCI BREAKER FOR CIRCUIT. GFCI RECEPTACLES MAY BE USED IN LIEU OF GFCI BREAKERS SO LONG AS THE DEVICE(S) CONFORM TO NEC CODE REQUIREMENTS FOR GFCI PROTECTION AND CAN BE MOUNTED IN A READILY ACCESSIBLE LOCATION.
4. ATC - CIRCUIT VIA 120V ASTRONOMIC TIMELOCK WITH BATTERY BACKUP. LOCATE TIMELOCK ADJACENT TO PANEL.
5. TC - CIRCUIT VIA 24-HR, 7-DAY TIMELOCK. LOCATE TIMELOCK ADJACENT TO PANEL.
6. * - SEE RISER DIAGRAM FOR FURTHER INFORMATION.

CRITICAL BRANCH
NEC: 517.34

PANEL 'C' LOAD SUMMARY table with columns: LOAD TYPE, kVA CONN, DEM FACT, kVA DEM. Includes categories like LIGHTS, RECEPTACLES, HVAC, EQUIPMENT, MISCELLANEOUS, and TOTALS.

NEW PANEL: C 3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1. Detailed load schedule table with columns: DESCRIPTION, POLE, WIRE SIZE, BRK SIZE, CTT #, A, B, C, CTI #, WIRE SIZE, POLE, DESCRIPTION. Includes notes at the bottom regarding square D and SPD requirements.

- 1. PANEL SHALL BE EQUAL TO SQUARE D NO.
2. A LISTED SPD SHALL BE INSTALLED IN OR ON ALL EMERGENCY SYSTEMS PANELBOARDS.

NORMAL BRANCH

PANEL 'N2' LOAD SUMMARY table with columns: LOAD TYPE, kVA CONN, DEM FACT, kVA DEM. Includes categories like LIGHTS, RECEPTACLES, HVAC, EQUIPMENT, MISCELLANEOUS, and TOTALS.

NEW PANEL: N2 3 PHASE 4 WIRE FLUSH MOUNTED NEMA 1. Detailed load schedule table with columns: DESCRIPTION, POLE, WIRE SIZE, BRK SIZE, CTT #, A, B, C, CTI #, WIRE SIZE, POLE, DESCRIPTION. Includes notes at the bottom regarding square D and SPD requirements.

- 1. PANEL SHALL BE EQUAL TO SQUARE D NO.
2. PROVIDE SPD/HID RATED BREAKERS FOR LIGHTING CIRCUITS.
3. GFI - PROVIDE GFCI BREAKER FOR CIRCUIT. GFCI RECEPTACLES MAY BE USED IN LIEU OF GFCI BREAKERS SO LONG AS THE DEVICE(S) CONFORM TO NEC CODE REQUIREMENTS FOR GFCI PROTECTION AND CAN BE MOUNTED IN A READILY ACCESSIBLE LOCATION.
4. ATC - CIRCUIT VIA 120V ASTRONOMIC TIMELOCK WITH BATTERY BACKUP. LOCATE TIMELOCK ADJACENT TO PANEL.
5. TC - CIRCUIT VIA 24-HR, 7-DAY TIMELOCK. LOCATE TIMELOCK ADJACENT TO PANEL.

REVISIONS section with Lighthouse Engineering logo and professional seals for North Carolina and Professional Engineer P.R.L. Scott.

Stogner Architecture, PA logo and contact information: ARCHITECTURE - CONSTRUCTION MANAGEMENT - DESIGN BUILD, 615 East Broad Avenue, Rockingham, North Carolina, 28379, Phone 910-895-6874, Fax 910-895-1111.

GOOD HOPE HOSPITAL ADDITION and RENOVATIONS logo and address: 410 DENIM DRIVE, ERWIN, NORTH CAROLINA.

ELECTRICAL PANEL SCHEDULES section with COMM. NO.: 4535, DRAWN BY: JRS, CHECKED BY: PSS, DATE: SEPT 11, 2020, SHEET NO. E2.0.