

**STERILE PROCESSING DEPARTMENT RENOVATION**  
University Medical Center    Las Vegas Nevada

**SECTION 16010 - BASIC ELECTRICAL REQUIREMENTS**

**PART 1 GENERAL**

1.1 SECTION INCLUDES

- A. Basic Electrical Requirements specifically applicable to Division 16 Sections, in addition to Division 1 General Requirements.

1.2 ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at the Owner's option. Accepted Alternates will be identified in Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work as required.

1.3 REFERENCES

- A. ANSI/NFPA 70 - National Electrical Code.

1.4 SUBMITTALS

- A. Submit under provisions of Division 1.
- B. Proposed Products List: Include Products specified in the following Sections:
  - 1. Section 16442 - Panelboards
  - 2. Section 16411 - Enclosed Switches
  - 3. Section 16510 - Interior Luminaires.
  - 4. Section 13851 - Fire Alarm Systems.
  - 5. Section 16461 - Building Wire and Cable
  - 6. Nurse Call System - Hill\_Rom
  - 7. Security System - Honeywell
- C. Submit shop drawings and product data grouped to include complete submittals of related systems, products, and accessories in a single submittal.
- D. Mark dimensions and values in units to match those specified.

1.5 REGULATORY REQUIREMENTS

- A. Conform to Uniform Building Code.
- B. Electrical: Conform to NFPA 70.
- C. Electrical: Conform to local electrical ordinance.
- D. Obtain permits, and request inspections from authority having jurisdiction.

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1.6 PROJECT/SITE CONDITIONS

- A. Install Work in locations shown on Drawings, unless prevented by Project conditions.
- B. The drawings are diagrammatic unless indicated otherwise. The drawings reflect circuiting only and are not depicting exact conduit routing unless specifically noted otherwise. Homerun circuits may be combined per requirements of NEC. Do not share neutral conductors in Homeruns unless specifically noted on Drawings.
- C. Prepare drawings showing proposed rearrangement of Work to meet Project conditions, including changes to Work specified in other Sections. Obtain permission of Owner before proceeding.
- D. Data presented on these drawings are as accurate as planning can determine, but field verification of all dimensions, locations, levels, etc., to suit field conditions is required. Review all architectural, interior, structural, civil, and mechanical drawings; and adjust all work to meet the requirements of conditions shown. Discrepancies between different plans, or between drawings and specifications, or regulations and codes governing the installation shall be brought to the attention of the engineer in writing before the date of bid opening. If discrepancies are not reported, the contractor shall bid the greater quantity or better quality, and appropriate adjustments will be made after contract award. Contractor shall be responsible to field measure and confirm mounting heights and location of electrical equipment with respect to counters, radiation, etc. Do not scale distances off the electrical drawings. Use actual building and site dimensions.
- E. Guarantee all material furnished and all workmanship performed for a period of one year from the date of final acceptance of the work. Any defects developing within this period, traceable to material furnished as a part of this section or workmanship performed hereunder, shall be made good at no additional expense to the owner.

1.7 SEQUENCING AND SCHEDULING

- A. Construct Work in sequence under provisions of Division 1.

**PART 2 PRODUCTS**

Not Used

**PART 3 EXECUTION**

Not Used

END OF SECTION 16010