

Ward 9D Renovations
VA WNY Health Care System
3495 Bailey Ave
Buffalo, New York

SECTION 10 25 13
PATIENT BED SERVICE WALLS

PART 1 GENERAL

1.1 SUMMARY

- A. Related Requirements:
 - 1. Section 12 32 00 - Manufactured Wood Casework
 - 2. Section 26 05 26 Grounding and Bonding for Electrical Systems
 - 3. Section 26 05 33 Raceway and Boxes for Electrical Systems.

1.02 REFERENCES

- A. Reference Standards:
 - 1. American National Standards Institute (ANSI)/Underwriters Laboratories (UL):
 - a. ANSI/UL 514A Metallic Outlet Boxes.
 - 2. National Fire Protection Association (NFPA):
 - a. NFPA 70 National Electrical Code (NEC).
 - b. NFPA 99 Health Care Facilities.
 - 3. Underwriters Laboratories, Inc. (UL):
 - a. UL 1047 Isolated Power Systems Equipment.

1.03 REQUIREMENTS

- A. Coordination: Coordinate work of this Section with work of other trades for proper time and sequence to avoid construction delays.
- B. Preinstallation Meetings: Conduct preinstallation meeting one week prior to commencing work of this Section and on-site installations to verify project requirements, substrate conditions and coordination with other building subtrades and to review manufacturer's installation instructions and manufacturer's warranty requirements.
- C. Sequencing: Sequence work of this section in accordance with manufacturer's written recommendations for sequencing construction operations.

1.04 SUBMITTALS

- A. General: Submit listed submittals in accordance with Contract Conditions and Section 01 33 23 Shop Drawings, Product Data, and Samples
- B. Product Data: Submit specified products as follows:
 - 1. Manufacturer's product data, including manufacturer's SPEC-DATA product sheet.
 - 2. Manufacturer's installation instructions.
 - 3. Catalog pages illustrating products to be incorporated into project.
 - 4. Material Safety Data Sheets (MSDS).
- C. Shop Drawings: Indicate information on shop drawings as follows:

1. Elevation of bedlocator(s) showing layout of panels, locations of utility outlets and location of bed locator to other Patient Service Wall Equipment.
 2. Details of mounting for mounting and wiring service panels and accessories.
 3. Wiring diagrams for utilities.
- D. Samples: Submit as follows:
1. Example: 6 inches x 6 inches samples of plastic laminate.

1.05 INFORMATION SUBMITTALS

Manufacturer's Instructions: Submit manufacturer's storage and installation instructions.

- A. Manufacturer's Reports: Manufacturer's field reports specified.
- B. Qualification Statements:
 1. Submit letter of verification for Manufacturer's Qualifications.
 2. Submit letter of verification for Installer's Qualifications.

1.06 CLOSEOUT SUBMITTALS

- A. General: Submit listed submittals in accordance with Contract Conditions and Section 01 00 00 - General Requirements and 01 33 23 - Shop Drawings, Product Data, and Samples.
- B. Operation and Maintenance Data:
 1. Submit (2) two binders with operation and maintenance data for installed products in accordance with Section 01 00 00 - General Requirements. Include:
 - a. Manufacturer's instructions detailing maintenance requirements.
 - b. Parts catalog showing complete list of available parts.
 - c. Replacement parts with cuts and identifying numbers.
 - d. Provide training session for VA's operation & maintenance personnel.

1.07 QUALITY ASSURANCE

- A. Qualifications:
 1. Manufacturer:
 - a. Having [5] years experience manufacturing components similar to or exceeding requirements of project.
 - b. Having sufficient capacity to produce and deliver required materials without causing delay in work.
 - c. Capable of providing field service representation during construction.
 2. Installer: Acceptable to the manufacturer, experienced in performing work of this section and specialized in installation of work similar to that required for this project.
- B. Mock-up: Construct mock-up where directed by Architect and contracting officer's technical representative.
 1. Construct showing patient bed service wall work.

2. Dimensions and Process: Full size and fully functioning patient bed service wall, using proposed procedures, colors, textures, finishes and quality of work.
3. Purpose: To judge quality of work, substrate preparation, operation of equipment and material application.
4. Do not proceed with work prior to receipt of written acceptance of mock-up.
5. When accepted, mock-up will demonstrate minimum standard of quality required for this work: Approved mock-up may remain part of finished work.

1.08 DELIVERY, STORAGE & HANDLING

A. Delivery and Acceptance Requirements:

1. Deliver material in accordance with Section 01 00 00 - General Requirements and in accordance with manufacturer's written instructions.
2. Deliver materials in manufacturer's original packaging, with identification labels intact and in sizes to suit project.

B. Storage and Handling Requirements:

1. Store materials protected from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer.

PART 2 PRODUCTS

2.01 PATIENT BED SERVICE WALLS

A. Description:

1. Regulatory Requirements:

- a. In accordance with Section 01 42 19 - Reference Standards.
- b. Comply with NFPA 70 and 99.
- c. Provide a product that is UL listed.

B. Bed Locator:

1. The Bed Locator shall provide service for electrical power (normal and emergency) and staff and patient communications. The Bed Locator shall be surface mounted above the finished floor.
 - a. P0052B1 Bed Locator Dimensions
 - 1) 50" x 22 1/2" (127 cm x 57.2 cm), 65 lb (29.5 kg)
 - 2) height above finished floor: 7 1/8" (18.1 cm)

PART 3 EXECUTION

3.01 EXAMINATION

- ##### **A. Verification of Conditions:** Verify that conditions of substrates and service rough-ins previously installed under other sections or contracts are acceptable for product installation in accordance with manufacturer's instructions prior to patient bed service wall installation.
1. Inform COTR and Architect of unacceptable conditions immediately upon discovery.

2. Proceed with installation only after unacceptable conditions have been remedied after receipt of written approval from COTR / Architect.

3.02 PREPARATION

- A. Ensure structure or substrate is adequate to support patient bed service wall.
- B. Surface Preparation: Prepare surface in accordance with manufacturer's written recommendations and coordinate with Section 01 71 00 - Examination and Preparation.

3.03 INSTALLATION

- A. Coordinate installation of components in accordance with Section 01 73 19 - Installation and with manufacturer's instructions.
- B. Coordinate patient bed service wall work with work of other trades for proper time and sequence to avoid construction delays.
- C. Install patient bed service walls plumb and level.
- D. Accurately fit, align, securely fasten and install free from distortion or defects.

3.04 FIELD QUALITY CONTROL

- A. Manufacturer Services:
 1. Have manufacturer review work involved in handling, installation/application, protection and cleaning of product[s] and submit written reports in acceptable format to verify compliance of work with Contract.
 2. Manufacturer's Field Services: Provide manufacturer's field services, consisting of product use recommendations and periodic site visits for product installation inspection in accordance with manufacturer's instructions.
 3. Schedule site visits to review work at stages listed:
 - a. After delivery and storage of products and when preparatory work on which work of this Section depends is complete, but before installation begins.
 - b. Twice during progress of work at 25% and 60% complete.
 - c. Upon completion of work, after cleaning is carried out.
 4. Obtain reports within three days of review and submit immediately to Government's Representative.

3.05 ADJUSTING

- A. Adjust components and systems for correct function and operation in accordance with manufacturer's written instructions. Coordinate with Section 01 75 00 - Starting and Adjusting.

3.06 CLEANING

- A. Perform cleanup in accordance with Section 01 00 00 - General Requirements.
- B. Upon completion, remove surplus materials, rubbish, tools and equipment.

3.07 PROTECTION

- A. Protect installed product from damage during construction.

- B. Repair damage to adjacent materials caused by bed locator wall installation.

3.08 MAINTENANCE

- A. Coordinate maintenance requirements with Section 01 00 00 - General Requirements.

END OF SECTION