

DEPARTMENT OF VETERANS AFFAIRS MINNEAPOLIS, MN SURGERY CENTER
102500 – PATIENT SERVICE WALLS

1.0 GENERAL DESCRIPTION

1.01 SUMMARY

- A. This specification is for a surgery center recovery room headwall system which includes a horizontal surface mounted headwall with an integrated bed locator. Headwall and integrated bed locator to be one continuous unit. Access panels on unit are easily removed and flexible gas hoses connect to manifold.

1.02 ACTION SUBMITTALS

- A. Product Data: Submit specified products as follows:
 - 1. Manufacturer's product data, including manufacturer's product sheet.
 - 2. Manufacturer's installation instructions.
 - 3. Catalog pages illustrating products to be incorporated into project.
- B. Shop Drawings: Indicate information on shop drawings as follows:
 - 1. Elevation of service wall(s) showing ceiling height, layout of services for horizontal headwall with integrated bed locator, locations of utility outlets and locations of accessories.
 - 2. Rough-in locations and dimensions.
 - 3. Mounting details, utility piping and wiring, service and access panels and accessories.
 - 4. Piping and wiring diagrams for utilities.
- C. Samples: Submit as follows:
 - 1. 12 inches x 16 inches samples of HPL wall panels, accessory rails, reveal inserts.
 - 2. All laminate color chips specified in 2.0.
 - 3. All Samples will become the property of the facility unless prior arrangements are made.

1.03 INFORMATION SUBMITTALS

- A. Manufacturer's Instructions: Submit manufacturer's storage and installation instructions.
- B. Source Quality Control: Submit documentation verifying that components and materials specified in this Section are from single manufacturer.

2.0 PRODUCT

2.01 PATIENT BED SERVICE WALLS

Description:

Horizontal headwall with integrated bed locator will be surface mounted per the Architects drawings.

Horizontal headwall and integrated bed locator will be preassembled, pre-wired, pre-plumbed and ready for installation.

There will be 6 duplex receptacles on each side of the patient in a reasonable location as to allow the nurse to remain upright to connect or disconnect, and minimize bending and reaching.

Receptacles will be of a faceplate-free design.

The duplex receptacles will total [12] 3 6 on each side of bed, 3 Normal, 3 Emergency, and total [6] 3 on each side of bed low voltage/data outlets. **Provide quantity and type as shown on drawings.**

Gas panel will contain the following: 6 outlets – 2 Oxygen, 2 Air, and 2 Vac (divided equally on either side of the center panel approximately 45" H. (O.C.)

Headwall System at a minimum will follow these guidelines:

1. Frame Assembly: 16 gauge roll formed galvanized steel channels.
2. Overall Patient Service Walls:
 - a. Width: Horizontal headwall 99" and integrated bed locator 50".
 - b. Height: Headwall 20" and integrated headwall 24".
 - c. Color: As specified by Architect
3. Service Panels: 16 gauge steel with (high pressure laminate)
 - a. Width: As indicated on drawings.
 - b. Height: As indicated on drawings.
 - c. Color: As specified by Architect
4. Access Panels: Edge banded particle board with high pressure laminate (HPL) finish on front and back.
 - a. Width: As indicated on drawings.
 - b. Height: As indicated on drawings.
 - c. Color: As specified by Architect.
5. Gas Manifold: Machined aluminum block with D.I.S.S. (Diameter Indexed Safety System) gas specific check valves.
6. Junction Box: To provide normal and critical power (standard and isolated), as well as low-voltage power.
7. Mounting hardware: All screws provided with headwall and used for mounting will be "bolt and nut" fastener type. Describe the type of screws provided. This description will be a part of the evaluation criteria.
8. Laminate colors as follows:

Laminate: Color as specified by architect.

Performance Criteria:

9. Metallic Outlet Boxes: Comply with ANSI/UL 514A.
10. Copper Joint Pressure Fittings: Comply with ASME B16.22.
11. Cleaning Equipment for Oxygen Service: Comply with CGA-G-4.1.
12. Diameter Index Safety System: Comply with CGA V-5.
13. Isolated Power Systems Equipment: Comply with UL 1047.

14. Entire System to be UL Rated Assembly, not individually rated components.

2.02 ACCESSORIES:

- C. Patient Light: will be provided by others.
- D. Monitor Mount: Will be provided by others.
- E. Accessory Rail: Designed for mounting additional accessories will be Qty. 2 at 16" long per each rail.

- F. Wall integrated bed locator as part of headwall, HPL finish as specified by architect.
- G. Bottle Slides, Qty 2 per each headwall.
- H. Shelves, baskets, hooks as specified and provided by owner.
- I. Headwall Top Cap
 1. Material: Solid wood, iodized aluminum as specified by architect.

3.0 ADDITIONAL INSTRUCTIONS:

- A. Shop Drawings will be required: Indicate information on shop drawings as follows:
 1. Elevation of service wall(s) showing ceiling height, layout of service and access panels, locations of utility outlets and locations of accessories.
 2. Rough-in locations and dimensions.
 3. Mounting details for framing, utility piping and wiring, service and access panels and accessories.
 4. Piping and wiring diagrams for utilities.

END OF SECTION