Hospital Systems

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HSIheadwalls.com

Stickman SSH

Construction Integral Utility Module

100% USA Manufactured

12 Year Product Warranty

All specifications are nominal and subject to change without notice. Hospital Systems, Inc. makes no warranty, expressed or implied, except for the express written warranty extended on the sale of its products.

STICKMAN basic unit shall be manufactured by Hospital Systems, Inc., Pittsburg CA 94565 USA, in accordance with shop drawings and documents. The following is a general specification, and components listed may not be present or required in final product.

The STICKMAN is a stud structure assembly that can be inserted straight into the wall and finished in any way desired. The STICKMAN is a solution to the common problems associated with the in-wall, site built headwall. It assures that utilities will be lined up in the correct position and wired and manifolded in a controlled environment away from construction debris. And of course HSI will work with you to build your STICKMAN headwall to your exact specifications, ensuring you get exactly what you want and need; not a compromise.

1. Submittals and Approvals:

Job specific shop drawings shall be produced for each project. These drawings will clearly indicate the area of Medical Gas termination, and electrical connection points inside or outside the STICKMAN. Drawings of Record will be produced, and emailed at the time of shipment on request. HSI will manufacture equipment as per signed approval drawings and verification documents, which are provided in the job specific submittal package.

2. Basic Construction

Factory built products that are pre-installed within pre-fabricated building partitions and delivered to the site as a pre-fabricated steel stud interior partition service wall. These partitions include prepiping and pre-wiring all services to above the ceiling line or as indicated. The STICKMAN Unit is provided in multiple vertical sections that are installed together to form a consolidated system. The vertical sections include a precision alignment mechanism that allows the units to easily interlock and ensures proper position of the carrier extrusion receiving the continuous horizontal channel. These units can incorporate continuous horizontal or vertical accessory channels. The accessory

channels are to be constructed of extra-heavy gauge 6063-T5 alloy extruded anodized aluminum, they finished 5/8" drywall. Units will consist of 16 gauge metal studs with a device mounting panel installed. The unit is built in individual vertical modules per project drawings and hospital requirements. Each unit will include junction boxes located above the ceiling line and/or as indicated on the project drawings for normal, emergency, and low voltage services. Connections to building services are to be made within the junction boxes. The medical gas piping will be extended to above the ceiling line and/or as indicated on the project drawings.

3. Components

WIRING

Wire for standard and critical branch power circuits shall be #12 AWG THHN stranded copper wire, 600 volt, with heat resistant thermo-plastic insulation for hot (black) and neutral (white). Grounds shall be #10 AWG stranded copper wire (green). All ground conductors shall be installed in conduit.

SECONDARY CIRCUIT BREAKERS [OPTIONAL]

U.L. listed breakers as indicated on the drawings shall provide circuit protection. The panel containing secondary circuit breakers shall feature a door with concealed hinges for access to circuit breaker handles.

ELECTRICAL RECEPTACLES

Receptacles shall be the type and quantity as shown on the drawings and specified. Unless otherwise noted 2 pole, 3 wire, rated at 20 amps, 120 Volt, Hospital Grade shall be provided. Also available: BS, DIN, and others.

- **Duplex receptacles** shall be NEMA style 5-15R or 5-20R, color Ivory for use on normal power circuits, and color Red for use on critical branch power circuits.
- **Simplex receptacles** shall be NEMA style 5-15R or 5-20R, color Ivory for use on normal power circuits, and color Red for use on critical branch power circuits.
- **Safety receptacles** (if required) shall be duplex type, be NEMA style 5-15R or 5-20R, color Ivory for use on normal power circuits, and color Red for use on critical branch power circuits. Receptacles shall limit proper access to energized contacts.
- **Locking receptacles** (if required) shall be simplex type, 20 amp, 120 or 277 volt, color black.

GROUNDING JACKS

Externally accessible grounding jacks shall be provided in the unit as shown in these shop drawings. The solid brass receptacle shall be enclosed in a non-conductive housing and shall be spring loaded, with a

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twist-to-lock action and shall be manufactured to the requirements of NEC article 517, and NFPA 99.

SWITCHING

Switches shall be Industrial Grade 120/277 volt, 20 amps. Switch type options include SPST, 3-Way or Momentary, and shall be provided as shown on submittal shop drawings. HSI shall furnish, pre-install and wire all switches.

4. Ordering Information

All HSI headwalls are Build-to-Order and will be assigned their own unique model numbers during the submittal phase.

Please visit our website at www.HSIheadwalls.com for the contact information of your local sales representative

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