

Installation Instructions

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The

Infinity

Surface Mounted Headwall

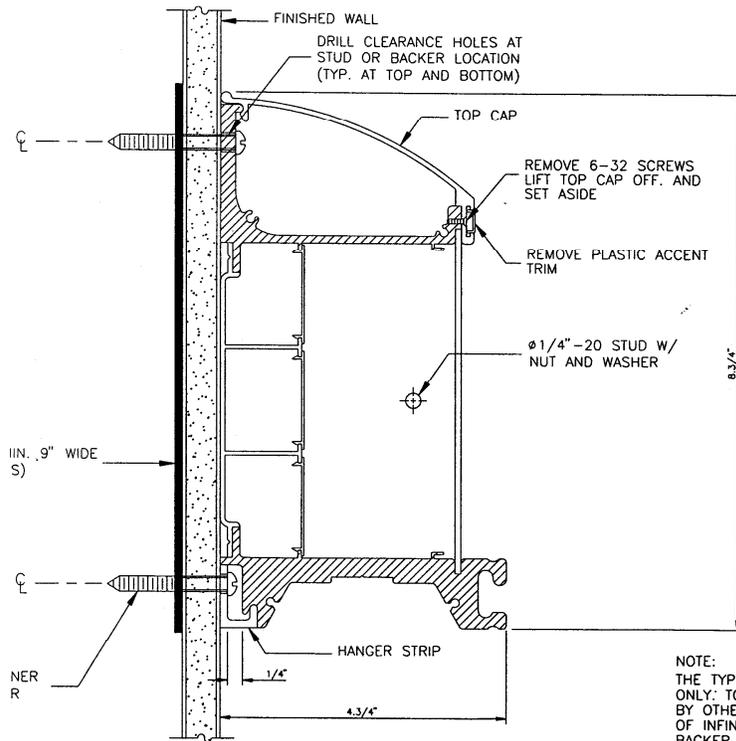


Introduction:

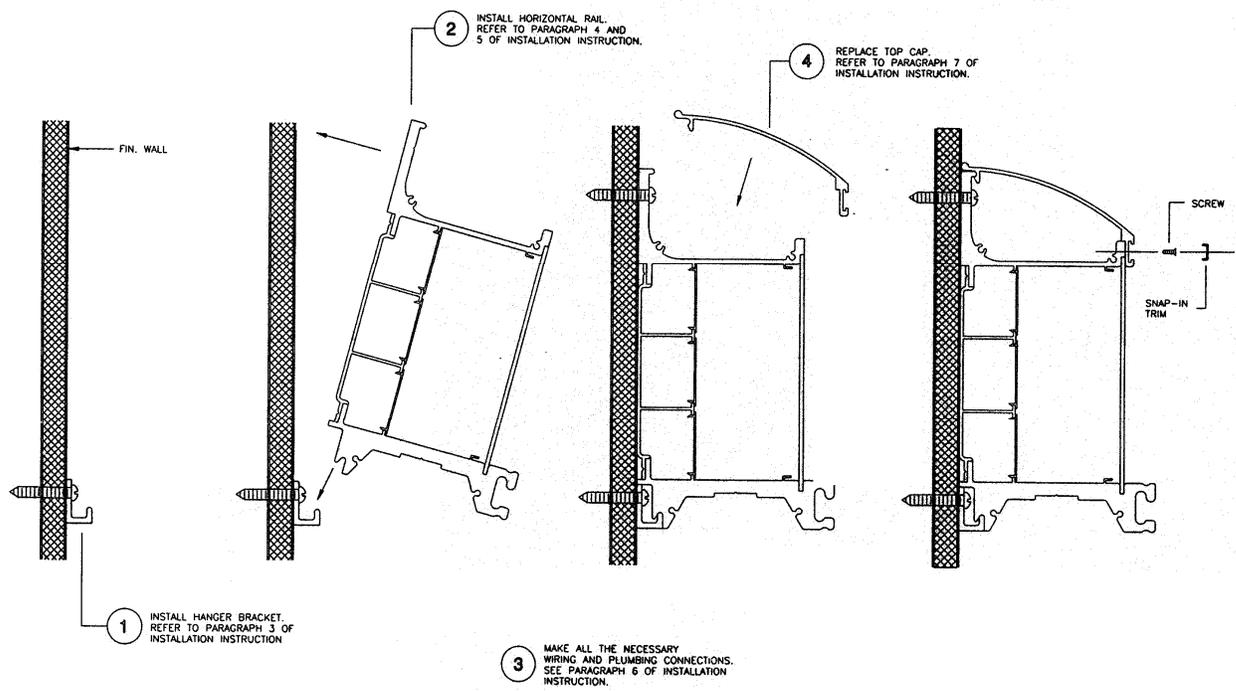
The Hospital Systems, Inc. Infinity Surface Mounted Patient Headwall is made to order for this project. Each headwall consists of a rough-in box or Service Chase and the pre-wired and pre-piped headwall that is particular to each location or type.

Before attempting to install, please read and understand all of the instructions. In particular please refer to the final approved submittal drawings as they will take precedence over these instructions.

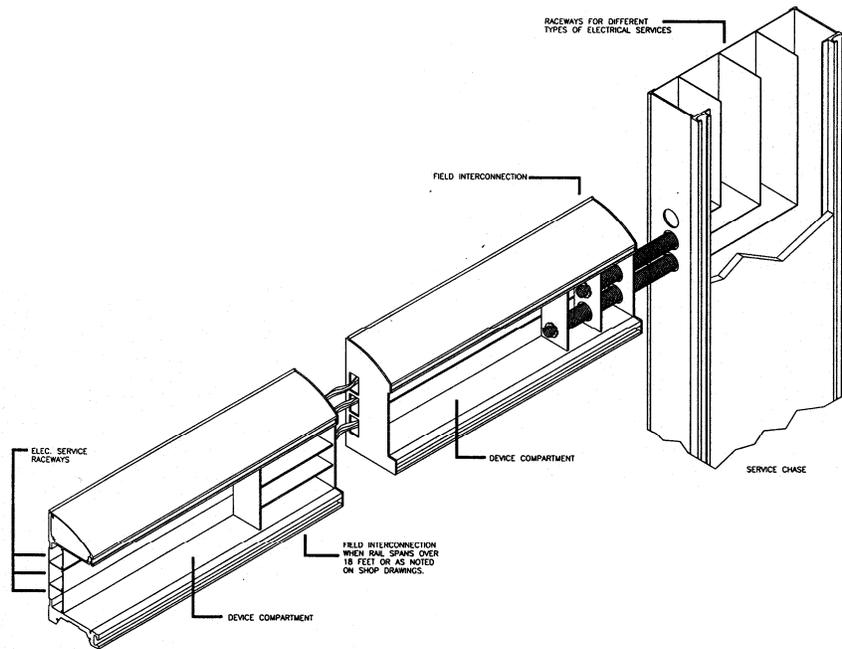
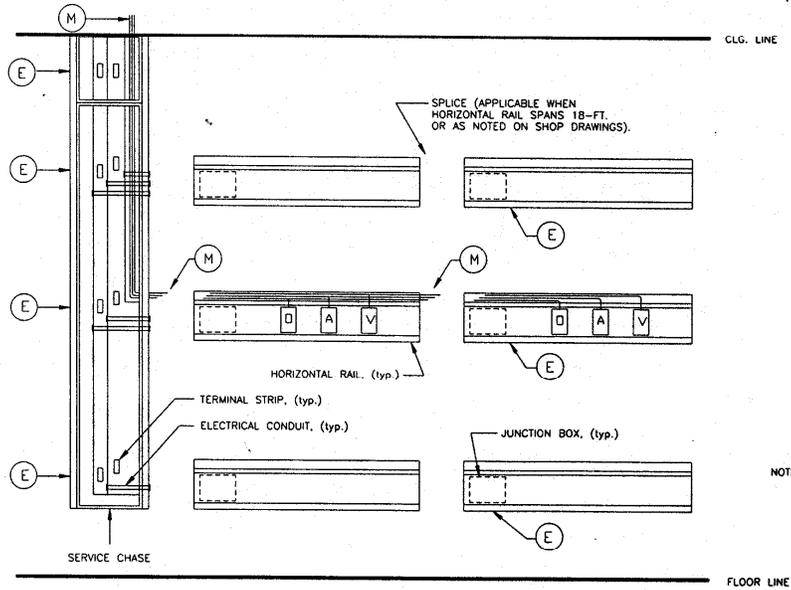
1. Install backing in building wall as required. Set ceiling mounting plate for the vertical chase [if so specified].
2. Set and level service chase module [if so equipped] and secure it to the building wall.
3. Locate stud center or backing material. Layout the rail hanger bracket for the top-most rail at the height above the finished floor as noted on elevation drawings, then but the hanger bracket against the service chase. Align and level the hanger bracket and secure to wall using appropriate mounting hardware [wood screws, toggle bolts, sheet metal screws, etc as per local code, Note: Hardware is not supplied with headwall]. Note. Hanger bracket must be straight and level. If the wall is not true, shim the hanger bracket as needed. Repeat the above for the middle and lower Infinity rails. Note: Not all systems are equipped with all three rails. Refer to elevation drawings for each headwall installation.
4. To install the horizontal rails, begin with the top rail and work down. Remove the top cap and set it aside. If connecting a vertical chase or additional rail, remove the ¼-20 nut and washer from the connecting stud. Set the horizontal rail onto the hanger bracket, [if connecting with the chase, feed the flex conduit containing the service conductors into the chase module]. Note: The flex conduit and conductors have been cut and laced for proper fit. No field cutting of either is required. Butt the horizontal rail against the service chase module, align, and reinstall the ¼-20 connecting studs. Note: Be sure to attach the ground wire from the chase to the rail. Secure the rail to the building wall/backing material using appropriate hardware [see Step 3 above]
5. Repeat Step 4 for the remaining horizontal sections. Caution: Be extremely careful when installing the horizontal rail containing the medical gas piping. Note: If the units you are installing are composed of several horizontal sections per rail, you must install the section closest to the service chase first. Proceed with the adjacent section only after securing the first section to the wall and chase. Slide the sections snugly together, align and install connecting studs for each section as you go, again securing each section to the wall before proceeding.
6. Connect the marked conductor color to color at the terminal blocks, or use wire nuts in the junction boxes. All conductors have been marked and laced for proper fit. All interconnecting wiring in the service chase is factory installed. Feed the nurse call and other low voltage system wires or pull cords into their respective terminal compartments for future connection by others. Medical gas piping has been factory cut to exact fit and tied into the service chase for field connection at the top of the chase and at the intersection of the vertical chase and the horizontal rail. Note: If the horizontal rails are in several sections, connections will be required between sections as well. Fittings are provided.
7. With all sections completed, replace the top cap on the horizontal rails. If an overbed lighting fixture is included, install it after the top cap has been re-installed. Re-install the access panels on the vertical service chase.
8. If equipped with Unimount™ Track and Eclipse® Equipment Rail between center and lower rails [or below center rail], secure the Unimount™ Track to the backing material using appropriate hardware. Attach the stand-off brackets to the Unimount Track, then install the Eclipse Equipment Rail in the stand-off and tighten the set screw.



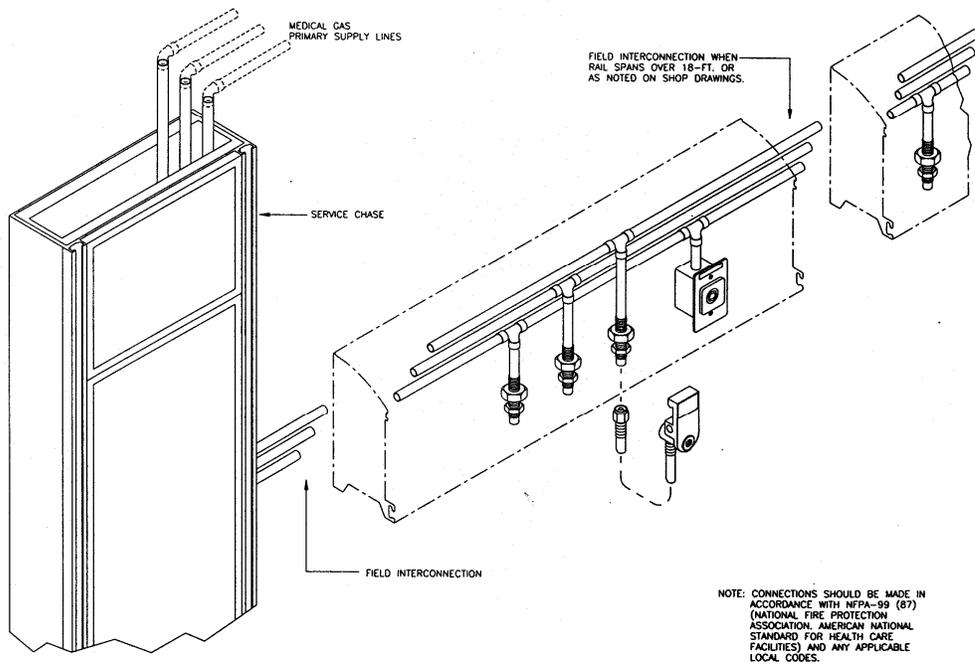
NOTE:
 THE TYPE OF BACKER SHOWN IS ADVISORY
 ONLY; TO BE FURNISHED AND INSTALLED
 BY OTHERS. REFER TO MOUNTING DIAGRAMS
 OF INFINITY HEADWALL FOR HEIGHT OF
 BACKER A.F.F.



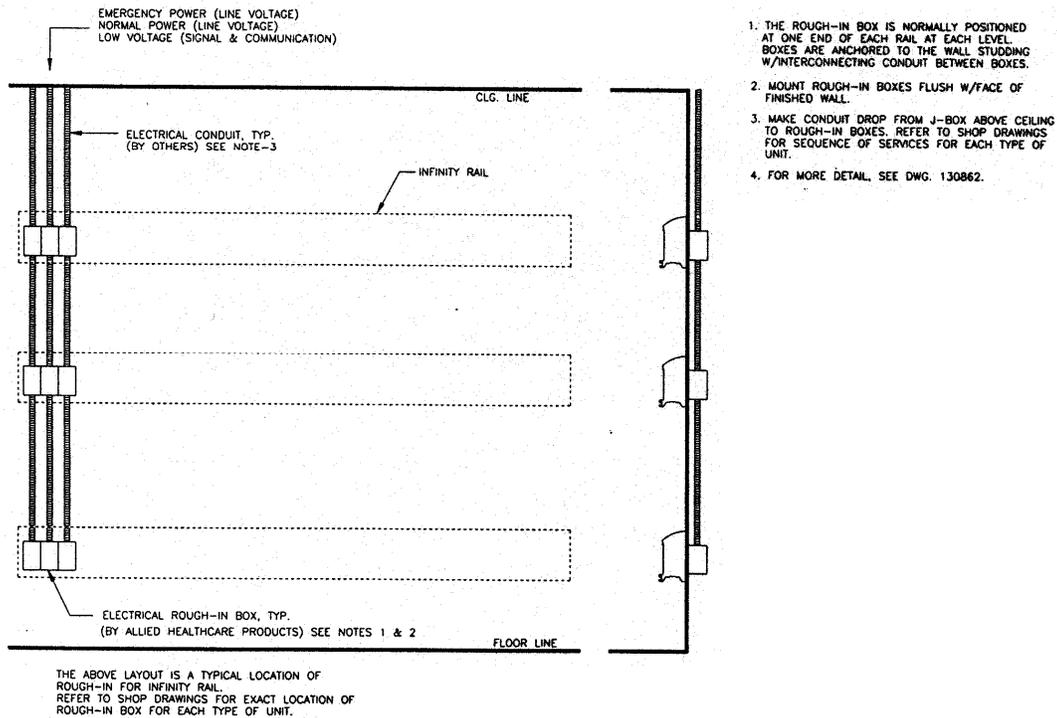
- (E) ELECTRICAL SERVICE FINAL CONNECTIONS
(SEE DETAIL 130870, 130871)
- (M) MEDICAL GAS FINAL CONNECTIONS
FITTINGS ARE FURNISHED
FIELD CONNECT BY PLUMBING CONTRACTOR
(SEE DETAIL 130865)



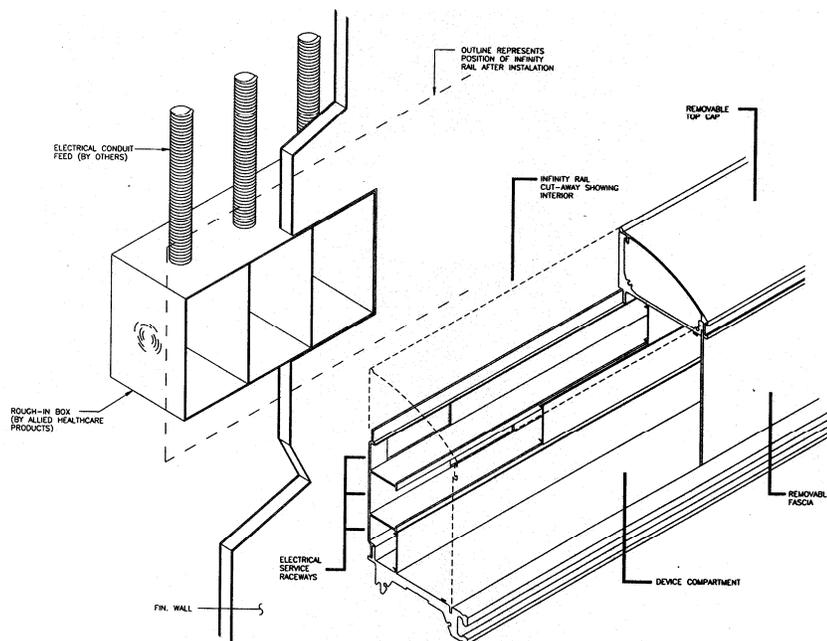
Electrical Hookup from Chase



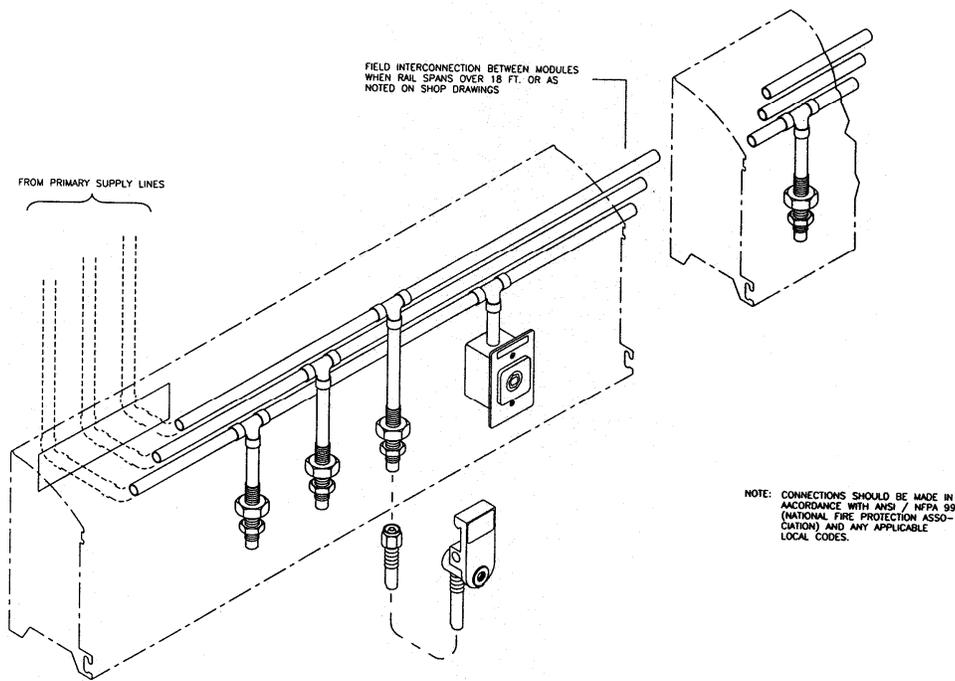
Medical Gas Piping Feeds from Chase



Backbox Arrangement for Infinity Rail without Chase



Electrical and Communications are fed from individual sections of the backbox into the appropriate raceway within the Infinity



Medical Gas Connections for Infinity without Chase