

EQUIPMENT DETAIL OPERATOR WORKSPACE

M05-15J
REV. DATE: 12/11/03

NOTE:
• ASSEMBLIES WHICH MOUNT TO UNDERSIDE OF TABLE AND IN TABLE CABLE TRAY ARE NOT SHOWN.

PLAN VIEW

FRONT VIEW

SIDE VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL OPERATOR WORKSPACE CABINET

M06-15D
REV. DATE: 12/11/03

NOTE:
• INDICATES AIR FLOW
• INDICATES CENTER OF GRAVITY
DETAIL NOT TO SCALE

TOP VIEW

FRONT VIEW

SIDE VIEW

REAR VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL PNEUMATIC PATIENT ALERT CONTROL BOX

M48-15
REV. DATE: 06/21/96

PLAN VIEW

SIDE VIEW

MOUNTING PATTERN

DETAIL NOT TO SCALE

EQUIPMENT DETAIL MAGNET RUNDOWN UNIT

M17-15A
REV. DATE: 06/21/96

MOUNTING PATTERN

FRONT VIEW

SIDE VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL MAGNET MONITOR

M16-15C
REV. DATE: 06/10/03

NOTE:
• INDICATES CENTER OF GRAVITY
• INDICATES AIR FLOW

MOUNTING PATTERN

FRONT VIEW

LEFT SIDE VIEW

RIGHT SIDE VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL SPT PHANTOM STORAGE CABINET

M61-15
REV. DATE: 10/07/02

NOTE:
• INDICATES AIR FLOW
• INDICATES CENTER OF GRAVITY

PLAN VIEW

FRONT VIEW

SIDE VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL TYPICAL ON-SITE CRYOGEN STORAGE REQUIREMENTS/RECOMMENDATIONS

M65-15
REV. DATE: 06/29/04

GENERAL CRYOGEN REQUIREMENTS

- 1) USE OF A STANDARD VALVED HELIUM TRANSFILL LINE AND A 250 LITER DEWAR, NOT MORE THAN 70 in. [1778mm] HIGH, REQUIRES A CEILING HEIGHT OF 135.5 in. [3442 mm]. NOTE: THAT THIS NEED ONLY BE A 24in. [610mm] SQUARE CEILING RECESS LOCATED EITHER IN THE MAGNET ROOM OR IN AN ACCESSIBLE AREA NEAR THE MAGNET ROOM.
- 2) A 500 LITER DEWAR, NOT MORE THAN 73 in. [1854mm] HIGH, REQUIRES A CEILING HEIGHT OF 138 in. [3506mm].
- 3) IF THE HELIUM TRANSFILL REQUIREMENTS CANNOT BE SATISFIED IN OR NEAR THE MAGNET ROOM, CONSIDER A LOCATION OUTSIDE THE BUILDING OR ON A LOADING DOCK. THE STANDARD VALVED TRANSFILL LINE, AFTER INSERTION INTO EITHER A 500 OR 250 LITER DEWAR, WILL FIT THROUGH 78 in. [2007 mm] BY 43 in. [1092 mm] WIDE HIGH DOORWAYS AND HALLWAYS. PROVIDE FREE ACCESS FROM THE DEWAR LOCATION TO THE MAGNET.
- 4) IF ELEVATORS ARE TO BE USED FOR CRYOGEN DELIVERY ROUTE, VERIFY THAT ELEVATOR DIMENSIONS AND WEIGHT CAPACITY IS SUFFICIENT TO HANDLE THE CRYOGEN DEWARS. ALSO, ELEVATOR TRUST (WILL NOT ALLOW STOPS BETWEEN INITIAL START AND FINAL FLOOR DESTINATION).
- 5) AN OPTIONAL CRYOGEN REFILL SERVICE IS OFFERED BY OEMS. (CHECK WITH CRYOGEN SUPPLIER FOR EXACT SIZES AND WEIGHT).
- 6) MAXIMUM ACCEPTABLE INCLINE IS 5° AND RECOMMENDED MINIMUM DOOR SIZE IS 48" [1219mm] ALONG THE ENTIRE DEWARS DELIVERY ROUTE.

ON-SITE CRYOGEN STORAGE ROOM RECOMMENDATIONS (IF NECESSARY)

- 1) CRYOGEN STORAGE TO BE LOCKABLE WELL LIT, WELL VENTILATED WITH TEMPERATURES NOT TO EXCEED 100° F (37.8° C).
- 2) WALLS IN CRYOGEN STORAGE ROOM SHOULD BE 3/4" PAINTED PLYWOOD OR SUITABLE FINISH (NOT PLASTERBOARD) TO AVOID DAMAGE WHEN MOVING DEWARS.
- 3) ADEQUATE VENTILATION TO ENSURE 18% OXYGEN LEVEL IS MAINTAINED.
- 4) MEANS MUST BE PROVIDED TO SECURE CRYOGEN GAS CYLINDERS IN AN UPRIGHT POSITION USING A REMOVABLE CHAIN OR STRAP. THIS IS TO PREVENT THE CYLINDERS FROM FALLING, WHICH MAY CAUSE INJURY OR DAMAGE. PROVIDE WALL HOOKS FOR TRANSFER LINES AS REQUIRED.
- 5) CRYOGEN DEWARS MUST NOT BE STORED WITHIN THE MAGNET ROOM.

TYPICAL HELIUM TRANSFILL CEILING RECESS

TYPICAL HELIUM TRANSFILL DEWAR

CRYOGEN STORAGE

EQUIPMENT DETAIL MAGNET - MINIMUM SERVICE AREA

M01-15F
REV. DATE: 01/30/05

MINIMUM DISTANCE REAR WALL TO REAR PEDESTAL

LEFT SIDE MAGNET & ENCLOSURE SERVICING CLEARANCE

RIGHT SIDE MAGNET & ENCLOSURE SERVICING CLEARANCE

VENT

MAGNET ISOCENTER

MINIMUM DISTANCE OF 107.75" [2737mm] REQUIRED IN FRONT OF MAGNET ENCLOSURE FOR SERVICING OF BRIDGE AND GRADIENT COIL ASSEMBLY REPLACEMENT

PATIENT TRANSPORT DOCKING CLEARANCE

PLAN VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL MAGNET - MINIMUM CEILING AREA

M01-15G
REV. DATE: 01/30/05

REAR WALL

VENT

MAGNET ISOCENTER

CEILING HEIGHT MUST NOT BE BELOW MINIMUM CEILING HEIGHT REQUIREMENTS IN SHADDED AREA

PLAN VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL MAGNET ENCLOSURE (FRONT AND REAR VIEWS)

M02-15D
REV. DATE: 01/30/05

NOTE:
• FINISHED FLOOR TO MAGNET CENTER LINE HEIGHT DIMENSION MUST BE 42.125" ± 0.25" [1070 mm ± 6.35 mm] TO ALLOW ENCLOSURE COVERS TO MOVE FREELY.

REAR VIEW

FRONT VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL MAGNET CABLE ACCESS

M03-15D
REV. DATE: 01/30/05

NOTE:
• INDICATES MAGNET ISOCENTER

REAR PEDESTAL

CUT-OUT AREA FOR CABLE ACCESS ON BOTH SIDES ARE 15.0" [381mm] x 7.9" [201mm]

REMOVABLE DUCT COVER OR ACCESS FLOORING TO BRIDGE GAP, IF REQUIRED

SURFACE FLOOR DUCT OR ACCESS FLOORING

REAR PEDESTAL (REAR VIEW)

REAR PEDESTAL (FLOOR CONTACT VIEW)

DETAIL NOT TO SCALE

EQUIPMENT DETAIL PATIENT TRANSPORT TABLE

M23-15
REV. DATE: 06/21/96

TOP VIEW

FRONT VIEW

SIDE VIEW

DETAIL NOT TO SCALE

GE Healthcare Technologies
Installation Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: 1.5T SIGNA HDX

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPLIANCE, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EFFORT HAS BEEN MADE TO CONFORM TO ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS AND CODES. HOWEVER, THE USER SHALL BE RESPONSIBLE FOR VERIFYING ALL LOCAL CONSTRUCTION REQUIREMENTS, PERMITS AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
MERCY HOSPITAL
FORE RIVER
PORTLAND, MAINE

PROJECT NO: 065904
REVISION: 00

DATE: 10/4/06
DRAWN BY: PMM
CHECKED BY: PMM
QUOTE NO: KX1CB7
QT. DATE: 9/25/06

REVISION HISTORY:

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SHEET
D2

This drawing is based on Sketch No.: 06NEF026