



Monterey County

168 West Alisal Street,
1st Floor
Salinas, CA 93901
831.755.5066

Board Report

Legistar File Number: A 15-105

June 23, 2015

Introduced: 5/8/2015

Current Status: Agenda Ready

Version: 1

Matter Type: BoS Agreement

Authorize the Deputy Purchasing Agent for Natividad Medical Center (NMC) to execute Amendment No. 2 to the Agreement (A-12530) with Modular Devices Inc. for additional equipment and installation services at NMC, extending the Agreement an additional one year period for a revised term of August 1, 2013 through July 31, 2017 and adding \$1,159,500 for a revised total Agreement amount not to exceed \$3,612,000.

RECOMMENDATION:

It is recommended the Board of Supervisors:

Authorize the Deputy Purchasing Agent for Natividad Medical Center (NMC) to execute Amendment No. 2 to the Agreement (A-12530) with Modular Devices Inc. for additional equipment and installation services at NMC, extending the Agreement an additional one year period for a revised term of August 1, 2013 through July 31, 2017 and adding \$1,159,500 for a revised total Agreement amount not to exceed \$3,612,000.

SUMMARY/DISCUSSION:

NMC entered into a lease agreement with Modular Devices to provide a Mobile Computerized Tomography (CT) laboratory and a mobile Angiography/interventional Radiology (TR) Laboratory services for the term August 1, 2013 through July 31, 2016. The Board of Supervisors approved the lease on July 30, 2013. The current request submitted for approval is to add an additional Magnetic Resonance Imaging (MRI) mobile unit to enhance MRI capabilities. MRIs are used when it is necessary to obtain precise images of the brain, muscles, heart or certain cancers since no ionizing radiation is used during the procedure.

NMC currently has a 1.0 Tesla MRI in the Radiology department and the MRI equipment is approximately 15 years old. The manufacturer cannot upgrade the unit to a newer version and it has been deemed end of life by the manufacturer. NMC Radiology is beginning the process of a modernization project which will include upgrading the MRI unit to a newer 1.5 Tesla MRI. Until the construction is complete, an upgraded MRI model is needed to enhance the services the Radiology Department can provide to all service lines at NMC. A newer unit will be able to offer advanced studies that NMC cannot currently perform on a 1.0 Tesla MRI. An additional unit will also offer added appointment times to service patients in need. The MRI Department has increased patient volume by 26% year to date as of third quarter FY 2015 and volume is expected to continue to rise. The current MRI suite at NMC will be converted to a new CT room during the future upgrade process and new MRI suite will be located adjacent to the CT room at that time. NMC has plans to upgrade the MRI unit that will be located in the new MRI

suite to a 3.0 Tesla MRI. The existing MRI equipment will be moved out during the construction phase and having a mobile MRI is key to maintaining all services at the existing level. NMC has a working relationship with Modular Devices therefore NMC recommends expanding the partnership with Modular Devices to include the Mobile 1.5 MRI. Modular Devices have a readily available a mobile 1.5 MRI unit that can be delivered shortly after board approval.

OTHER AGENCY INVOLVEMENT:

County Counsel has reviewed and approved this Amendment No.2 as to legal form and risk provisions, and the Auditor-Controller has reviewed and approved as to payment provisions. The Amendment No.2 has also been reviewed and approved by NMC's Finance Committee on April 23, 2015 and by its Board of Trustees on May 1, 2015.

FINANCING:

The cost for this Amendment is \$1,159,500 of which \$330,000 was budgeted in the FY15-16 Recommended Budget. There is no impact to the General Fund.

Prepared by: Andrea Rosenberg, Assistant Administrator, 783-2562

Approved by: Dr. Gary Gray, Interim Chief Executive Officer, 783-2504

Attachments:

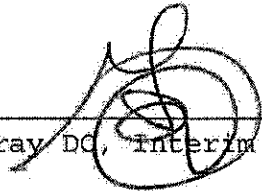
Amendment No. 2

Amendment No. 1

Original Agreement

Spend Sheet

Attachments on file with the Clerk of the Board



Gary Gray, DC, Interim Chief Executive Officer

5/6/15

Date



Monterey County

Board Order

168 West Alisal Street,
1st Floor
Salinas, CA 93901
831.755.5066

Agreement No.: A-12530

Upon motion of Supervisor Parker, seconded by Supervisor Phillips and carried by those members present, the Board of Supervisors hereby:

Authorized the Deputy Purchasing Agent for Natividad Medical Center (NMC) to execute Amendment No. 2 to the Agreement (A-12530) with Modular Devices Inc. for additional equipment and installation services at NMC, extending the Agreement an additional one year period for a revised term of August 1, 2013 through July 31, 2017 and adding \$1,159,500 for a revised total Agreement amount not to exceed \$3,612,000.

PASSED AND ADOPTED on this 23rd day of June 2015, by the following vote, to wit:

AYES: Supervisors Armenta, Phillips, Salinas, Parker and Potter

NOES: None

ABSENT: None

I, Gail T. Borkowski, Clerk of the Board of Supervisors of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of said Board of Supervisors duly made and entered in the minutes thereof of Minute Book 78 for the meeting on June 23, 2015.

Dated: June 26, 2015
File ID: A 15-105

Gail T. Borkowski, Clerk of the Board of Supervisors
County of Monterey, State of California

By Denise Hancock
Deputy

**AMENDMENT NO. 2
TO PROFESSIONAL SERVICES AGREEMENT
BETWEEN MODULAR DEVICES INC. AND
NATIVIDAD MEDICAL CENTER
FOR
Laboratory Equipment and Services**

This Amendment No. 2 to the Services Agreement ("Agreement"), dated August 1, 2013 is entered into by and between the County of Monterey, on behalf of Natividad Medical Center (hereinafter "NMC"), and Modular Devices Inc., (hereinafter "CONTRACTOR"), with respect to the following:

RECITALS

WHEREAS, the Agreement was executed for Lease Agreements for Mobile Computerized Tomography (CT) and Mobile Angiography/Interventional Radiology (IR) Laboratory Services with a three year term and a total Agreement amount not to exceed \$2,157,000; and

WHEREAS, NMC and CONTRACTOR amended the Agreement on August 1, 2014 via Amendment No. 1 to add an additional \$295,500, thereby increasing the total agreement amount to \$2,452,500; and

WHEREAS, NMC and CONTRACTOR currently wish to amend the Agreement to extend it for an additional one year period through July 31, 2017 to allow for services to continue with additions to the original scope of work attached hereto as 'Amendment - No. 2 to Proposal "A"; Equipment Lease Agreement' with a \$1,159,500 increase for the added services for a total Agreement amount of \$3,612,000.

AGREEMENT

NOW, THEREFORE, the parties agree to amend the Agreement as follows:

The Agreement is hereby renewed on the terms and conditions as set forth in Original Agreement and in Amendment No 1 incorporated herein by this reference, except as specifically set forth below.

1. Section 2, "PAYMENTS BY NMC" shall be amended to the following; ***"NMC shall pay the CONTRACTOR in accordance with the payment provisions set forth in 'Amendment - No. 2 to Proposal "A"; Equipment Lease Agreement.' The total amount payable by NMC to CONTRACTOR under this Agreement shall not exceed the sum of \$3,612,000. "***
2. The first sentence of Section 3 "TERM OF AGREEMENT" shall be amended to the following; ***"The term of this Agreement is August 1, 2013 to July 31, 2017 unless sooner terminated pursuant to this Agreement"***
3. Section 4, "ADDITIONAL PROVISIONS/EXHIBITS" shall be amended to the following; ***"The following attached exhibits are incorporated herein by reference and constitute a part of this Agreement:
Amendment - No. 2 to Proposal "A"; Equipment Lease Agreement***
4. Except as provided herein, all remaining terms, conditions and provisions of the Agreement are unchanged and unaffected by this Amendment No. 2 and shall continue in full force and effect as set forth in the Agreement and Amendment No. 1.
5. A copy of this Amendment No. 2 shall be attached to the Original Agreement.

IN WITNESS WHEREOF, the parties hereto are in agreement with this Amendment No. 2 on the basis set forth in this document and have executed this Amendment on the day and year set forth herein.

Natividad Medical Center

By: [Signature]
Gary R. Gray, DO, Interim CEO

Date: 4/24/15

APPROVED AS TO LEGAL PROVISIONS

By: [Signature]
Monterey County Deputy County Counsel

Date: May 5, 2015

APPROVED AS TO FISCAL PROVISIONS

By: [Signature]
Monterey County Deputy Auditor/Controller

Date: 5-5-15

CONTRACTOR

MODULAR DEVICES INC.
CONTRACTOR's Business Name*** (see instructions)

[Signature]
Signature of Chair, President, or Vice-President

William Mink, President
Name and Title

Date: 4/15/2015

By: [Signature]
(Signature of Secretary, Asst. Secretary, CFO, Treasurer or Asst. Treasurer)

GREG MINK, COO
Name and Title

Date: 4/15/2015

***Instructions

If CONTRACTOR is a corporation, including limited liability and non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two specified officers (two signatures required).

If CONTRACTOR is a partnership, the name of the partnership shall be set forth above together with the signature of a partner who has authority to execute this Agreement on behalf of the partnership (two signatures required).

If CONTRACTOR is contracting in and individual capacity, the individual shall set forth the name of the business, if any and shall personally sign the Agreement (one signature required)

Amendment – No 2 to Proposal “A”; Equipment Lease Agreement
2nd AMENDMENT TO THE AGREEMENT BETWEEN MODULAR DEVICES INC.
AND THE COUNTY OF MONTEREY

This Second Amendment to the Agreement (“Amendment”) between **Modular Devices Inc.** and the **County of Monterey** is dated effective as of the date fully executed by both parties, and is entered into by and between **Modular Devices Inc.** (“**Lessor**”) and the **County of Monterey**, a political subdivision of the State of California, on behalf of **Natividad Medical Center** (“**Lessee**”). Lessor and Lessee entered into the original Agreement dated effective July 3, 2013.

Lessor and Lessee now desire to amend the terms of the Agreement as more particularly set forth below:

1. Section 1 entitled “LEASE” is hereby revised to include the addition of a Mobile MRI Lab:

LEASE - Lessor agrees to lease to Lessee, and Lessee agrees to hire from Lessor, one (1) Mobile Siemens MRI Laboratory, in 8-foot by 48-foot shells, hereinafter called “Equipment” which is also more particularly described in EXHIBIT “A” attached hereto and by reference made a part hereof. Site preparation and installation requirements are the responsibility of Lessee, and shall include but not be limited to those items listed in the SITE REQUIREMENTS, which are more particularly described in EXHIBIT “B”, pages attached hereto and made a part of this Agreement.

2. Section 2 entitled “TERM” contains the following revisions:

TERM – the term of this Mobile Siemens MRI Lab Lease will run through July 31, 2017. The existing Mobile GE 16-Slice CT Lab and the Mobile GE Innova 4100 Angio Lab Lease will be extended through July 31, 2017 as well.

The estimated Equipment delivery date for the Mobile Siemens MRI Lab will be on or about a date TBD – contingent upon approval.

Upon the execution of this Amendment, Lessee shall have paid to Lessor the prepaid transportation charges for the Mobile Siemens MRI Lab in the amount of \$7,500.00 along with delivery of the Amendment, which has been executed by Lessee.

3. Section 3 entitled “RENT” contains the following addition:

RENT - Rental for the Mobile Siemens MRI Lab Equipment will be paid in monthly rental payments of \$48,000.00. This rental rate will begin upon delivery (“Commencement Date”) of the Mobile MRI Lab.

Amendment – No 2 to Proposal “A”; Equipment Lease Agreement
2nd AMENDMENT TO THE AGREEMENT BETWEEN MODULAR DEVICES INC.
AND THE COUNTY OF MONTEREY

4. Section 4 “TRANSPORTATION EXPENSE” contains the following addition:

TRANSPORT EXPENSE - Lessee shall be responsible for prepaying transportation charges in the amount of \$7,500.00 to transport the Equipment to Lessee.

5. This Amendment embodies the entire agreement between Modular Devices Inc. and the County of Monterey with respect to the Agreement and the 1st Amendment to the Agreement. In the event of any conflict or inconsistency between the provisions of the Agreement, the 1st Amendment and this 2nd Amendment, the provisions of this 2nd Amendment shall control and govern.
6. Except as specifically modified and amended herein, all of the terms, provisions, requirements and specifications contained in the Agreement remain in full force and effect. Except as otherwise expressly provided herein, the parties do not intend to, and the execution of this 2nd Amendment shall not, in any manner impair the Agreement or the 1st Amendment, the purpose of this 2nd Amendment being simply to amend and ratify the Agreement and the 1st Amendment, as hereby amended and ratified, and to confirm and carry forward the Agreement, as hereby amended, in full force and effect.
-

MOBILE MRI PROPOSAL #2

PROPOSAL:	Mobile MRI Lab • Siemens MAGNETOM Avanto 1.5T, Mobile MRI Scanner
PRESENTED TO:	Natividad Medical Center 1441 Constitution Blvd. Salinas, CA 93906
DATE OF PROPOSAL:	March 4, 2015
LEASE TERM:	24 Months
LEASE PRICE:	\$48,000.00/month
LEASE PAYMENT TERMS:	1. First month payment due and payable upon delivery. 2. Subsequent payments due monthly.
DELIVERY DATE:	TBD – April/May 2015
DELIVERY REQUIREMENTS:	1. Site prepared by Natividad Medical Center 2. Transportation, training and installation assistance to be paid with signed agreement - \$7,500.00
SUPPORT/TRAINING:	Comprehensive applications training included.
INSURANCE:	Insurance is required.
SERVICE:	Unit is covered under a Siemens Service Contract. No service or maintenance fees for the term of the lease.

MDI is pleased to submit this lease proposal for a mobile MRI laboratory at the prices and upon the terms stated, subject to Customer's acceptance of the terms and conditions of the MDI Lease Agreement within thirty (30) days of the proposal date.

Equipment List - Lab 48

Exhibit "A"

Equipment
Overview

Imaging: Siemens MAGNETOM
Avanto 1.5T MRI
Injector: Medrad Solaris Injector

 MRI Imaging System
Siemens MAGNETOM Avanto 1.5T MRI System

For ultra-fast image acquisition. For a dramatic reduction in acoustic noise without compromising gradient performance. For the most comprehensive application range available today. For fast return of investment. For truly seamless workflow automation.

MAGNETOM Avanto gives you total flexibility, with innovative applications for each part of the body. And only Tim seamlessly scans up to 205 cm with no patient repositioning or coil changes. For true whole-body functionality.

Clinical perspective:

- Exceptional magnet homogeneity for excellent fat saturation
- Large 50 cm Field of View
- Strong gradients for high resolution and short scan times
- Unparalleled flexibility, accuracy, and speed – thanks to Tim
- Broad range of dedicated applications

Product Description:

- Magnetom Avanto 1.5T Syngo System
- Ultra Short 150 cm long, whole body superconductive 1.5T Magnet
- Magnetom Avanto Digital Radio Frequency System
- Syngo MR Software, Level B13
- Q-engine Gradient System with Audio Comfort – Max gradient amplitude of 30 mT/m, max slew rate 125 T/m/s
- 76 X 18 Q-engine. 76 elements and 18 independent RF channels
- Inline diffusion
- BLADE
- CISS & DESS – 3D DESS
- 3D CISS
- Standard Matrix Table
- Arm Rest for MR H/S
- PMU Wireless Physio Control
- TIM – Total Imaging Matrix
- TIM (76x18) Q Engine – 76 simultaneously connected coil elements with 18 independent RF channels

Patient perspective:

- Shorter-than-ever exam times with IPAT
- Up to 97% acoustic noise reduction with AudioComfort
- Feet-first examinations with Tim
- No patient repositioning with Tim
- Ultra-lightweight coils with Tim (Body Matrix 950 g only)
- Highest level of diagnostic confidence

Coils to include:

- Head Matrix Coil (12 Element design)
- Spine Matrix Coil
- Neck Matrix Coil (4 Element design)
- Body Matrix Coil (6 Element design)
- CP Flex Coil – Large
- CP Flex Coil – Small
- CP Extremity Coil
- Shoulder Array Coil

Total Imaging Matrix Application Suites

- Neuro Suite
- Angio Cardiac Suite
- Cardiac Suite
- Body Suite
- Onco Suite
- Ortho Suite
- Pediatric Suite
- Breast Suite
- Scientific Suite

Kodak DryView 8150 Laser Imager

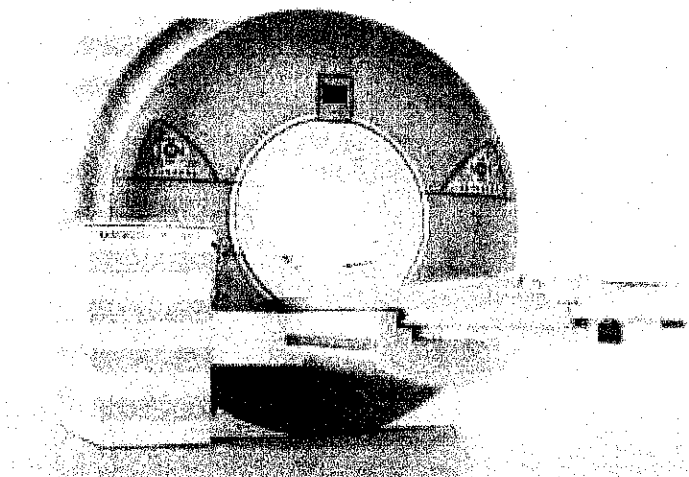


Modular Devices Inc.

MDI :: MOBILE INTERIM LAB SOLUTIONS

Equipment List - Lab 48

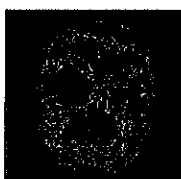
Exhibit "A"

**Fat saturation**

MAGNETOM Avanto excels in cardiac MRI. With strong gradients, superb Parallel Imaging with syngo GRAPPA, and high magnet homogeneity. Everything desired for heart MRI.

**Large FoV**

50 cm Field of View provides a perfect view of pathologies.

**Perfusion MRI**

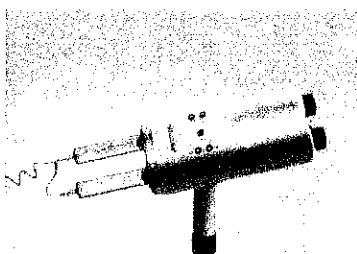
With strong gradients, MAGNETOM Avanto delivers excellent temporal and spatial resolution.

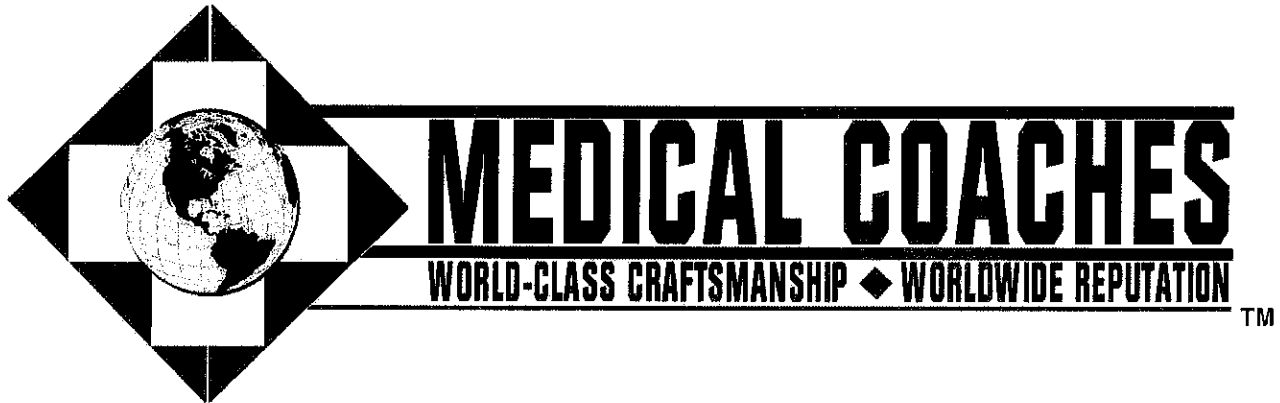


Contrast Injection System

Medrad Solaris MRI Contrast Injector
MEDRAD®
Features ease-of-use and reliability:

- Designed for use in all MR Scanner field strengths up to and including 3.0T
- Optimized color touch-screen
- User-programmable phases for added flexibility
- Independent Keep Vein Open (KVO) allows more time to focus on the patient
- Fiber optic technology enables direct, reliable communication
- Longer battery life with increased capacity

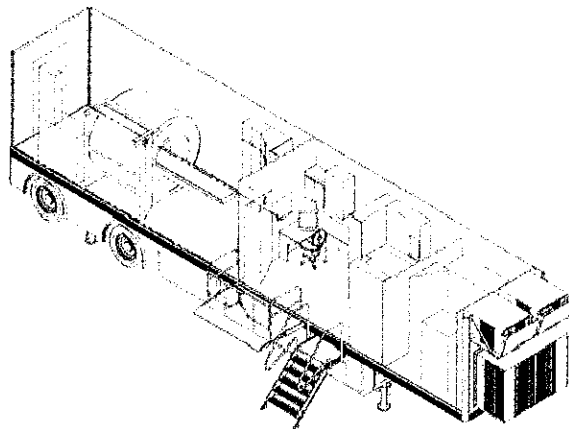




SITE PLANNING GUIDE

48' MOBILE MRI SYSTEM AVANTO (Transportable at Field)

Manufactured by
MEDICAL COACHES, INCORPORATED



Proper site preparation for special-purpose mobile units is critical to their successful operation. This guide has been assembled to provide you with detailed site planning and preparation data specifically for the SIEMENS MRI System installed in a Medical Coaches Mobile Unit.

The information compiled and provided should be sufficient to cover most site planning requirements. If additional questions do arise, please contact Medical Coaches directly. See page 1.

Medical Coaches continues to learn from our valued customers. We invite your comments and suggestions on any improvements to this document, and sincerely appreciate your past contributions.

The confidential information contained herein is the property of Medical Coaches, Inc. and may only be used by our customers.

SITE PLANNING GUIDE REVISION SHEET

48' Mobile MRI System
Avanto

<u>COVER REV</u>	<u>PAGE NO.</u>	<u>DESCRIPTION OF CHANGE:</u>	<u>Unit & Date</u>
–	ALL	INITIAL RELEASE	6/7/04
A	8, 11 & 12	Changed Sales Drawing D20250 was D13262 also inserted 6385 revised Magnetic Field Level Grid, Ref D13265 Sheet 1, also revised D13263 Drawing to Rev. A	1/4/05 6385 +
B	5 13	In Section 4.0 Phone and Data service. Rewrote sections covering Phone Lines #1, #2 & line specifically for Siemens remote diagnostics circuit. Also added description of Line #1 & Line #2 also Data #1, Data #2 & Data #3. Also Revised Drawing D20250 To Rev. A	7/10/05 6392 +
C	13	Revised drawing D20250 To Rev. B removed film viewer and changed cabinet to double doors.	6395 +
	11 & 12	Changed drawing on page #12 to D20500 showing Fringe Field Depiction, was D13265 Sheet 1 and also the section under 7.0 Magnetic Shielding was rewritten to describe Fringe Field Depiction in place of the grid method.	
D	3	Changer Voltage Variation in section 2.1 +/- 10% was +/-6%.	6397 +
E	3	Added (150 amps if Symphony is installed) in section 2.1	Symphony + Trailers
F	15	Revised Lettering Guide Drawing D13261 to Rev. B	6398+ 1/31/06

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1.0. SUPPORT PAD REQUIREMENTS:

The following is a list of recommendations and requirements for a concrete support pad.

1.1. *MOBILE MRI TRAILER RECOMMENDED SUPPORT PAD*

A full pad measuring 43' long by 10' wide should be located as shown on the drawing on page 2. Minimum support pads (cross-hatched area on drawing) are also shown. The minimum pads are not recommended because they may not accommodate future mobile systems servicing the site.

1.2. *SUPPORT PAD DEPTH:*

Recommendations for length and width of pad are given above. However, the depth should be determined by a local contractor based upon weight distribution information given on drawing on page 2 and existing site conditions. If ferrous rebar is to be used in concrete pad, contact Siemens or Medical Coaches, Inc. about field setup specifications.

1.3. *SUPPORT PAD LEVELNESS:*

The SIEMENS' Mobile MRI System requires that the support pads be LEVEL FOR PROPER OPERATION. Pad must not exceed 0.25" deviation in 10' 0".

NOTE: A local licensed engineer or architect should determine actual site design. Site design is the responsibility of the purchaser or end users!

CAUTION!

STRICT ATTENTION MUST BE PAID TO PAD LEVELNESS! FAILURE TO SUPPLY LEVEL PAD CAN CAUSE DIFFICULTIES IN MRI SYSTEM OPERATION.

1.4. *RECOMMENDED SERVICE PAD DIMENSIONS:*

A service pad measuring 20 feet by 54 feet should be located as shown on the drawing on page 2 for ease of service access (dotted line on drawing).

1.5. *ATTACHING TO BUILDING:*

If using a dock seal or similar inflatable seal to attach the Mobile Unit to a building, pages 2 and 9 can be used as guides.

If you require assistance, please contact us directly.
TEL 607-432-1333 or FAX 607-432-8190

Len Marsh, Extension 108
Executive Vice President,
Chief Operating Officer, and
MRI Sales Manager

Paul Kankiewicz, Extension 101
Division Manager,
Technical Support Division

R. E. Mattice, Extension 123
Vice President of Engineering and Chief Engineer



2.0. CUSTOMER POWER REQUIREMENTS:

A single electrical power source is required for operation of the Mobile Siemens MRI System.

2.1. *ELECTRICAL SERVICE:*

480 VOLT, AC, 3-phase, fused 200 amps (150 amps if Symphony is installed). Maximum allowable line voltage variation is +/- 10 percent (432-528 VAC). Phase Balance should be within 2%. See page 11 for regulations.

2.2. *CONFIGURATION:*

Three-phase Delta or WYE connection with ground.

2.3. *FREQUENCY:*

60 hertz +/- 0.5 hertz.

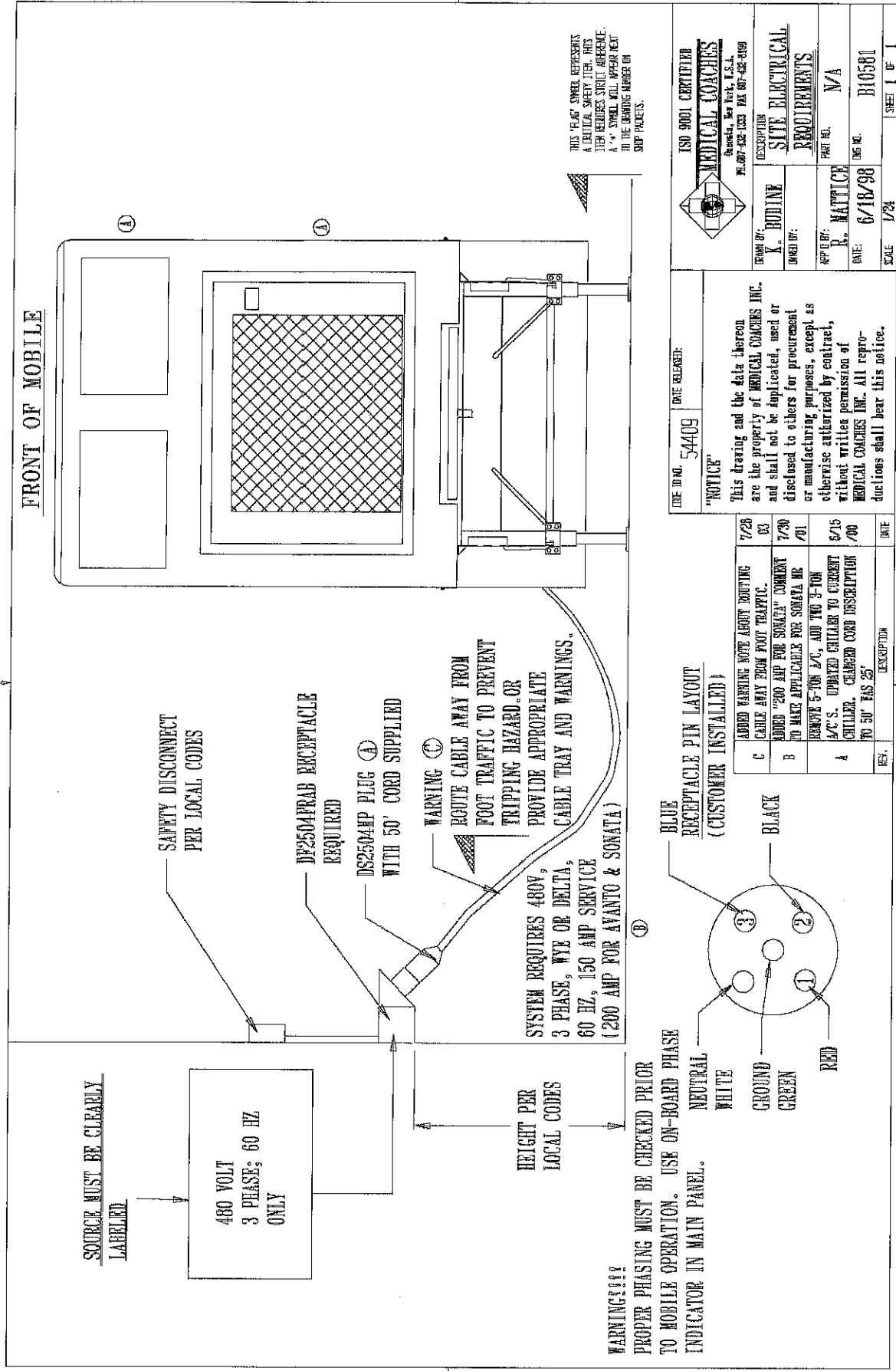
2.4. *SHORELINE CABLE:*

A 50 foot shoreline wired directly to trailer is provided for connecting the mobile unit to hospital power. The shoreline is located in the rear skirt compartment and may be drawn from either side of the trailer. The end has a Russell-Stoll DS2504MP to mate with the site receptacle.

2.5. *CUSTOMER RECEPTACLE:*

The facility must have the matching receptacle as specified by the drawing on page 4, customer must supply this receptacle. This receptacle is a Russell-Stoll DF2504FRAB, and is not provided with the trailer.

Site Electrical Drawing B10581



3.0. WATER SUPPLY REQUIREMENTS:

Only a 3/4-inch cold water garden hose is required. This unit can be operated either with water line connected and pressurized or disconnected, providing tank is refilled as needed. Connection is located in rear curbside compartment next to tank.

3.1. *TRAILER:*

The water fill connection is in the curbside rear compartment. A special opening is provided in the bottom of the compartment.

3.2. *COLD WATER PROTECTION:*

All on-board tanks and lines are weather protected. The site must provide for weather-protected supply line to prevent freeze up.

4.0. TELEPHONE AND DATA SERVICE:

This mobile system is supplied with one (1) telephone handset; three (3) phone lines (Line 1, Line 2 and Remote Diagnostic line); and three (3) data lines (Data 1, Data 2, and Data 3).

4.1. *PHONE LINES:*

Two (2) marine-grade Hubbell PH6595 inlet receptacles are located in the front curbside compartment. These receptacles are labeled "Line 1" and "Line 2".

- Line 1 serves the Control Room main work station and the wall-mounted receptacle is located above the countertop.
- Line 2 serves the Control Room auxiliary work station and the wall-mounted receptacle is located above the countertop.

A third marine grade Hubbell PH6595 inlet receptacle is located in the front curbside compartment. This receptacle is labeled "Remote Diags".

- Remote Diags serves as the remote diagnostics circuit for the exclusive use of Siemens Medical Systems USA, Inc. personnel and the wall-mounted receptacle is located under the countertop of the main work station in the Control Room.

4.2 *DATA LINES (RJ45 RECEPTACLES):*

Two (2) inlet receptacles are located in the front curbside compartment. These receptacles are labeled "Data 1" and "Data 2"

- Data 1 serves the Control Room main work station and the wall-mounted receptacle is located above the countertop.
- Data 2 also serves the Control Room main work station and the wall-mounted receptacle is located below the countertop.

A third data 3 line is provided for data transfer between the Control Room main and auxiliary work stations. The receptacles for this line are both located below the respective countertops and are both labeled "Data 3".

4.3 *PHONE AND DATA CONNECTION CABLES:*

Two 50 foot connecting phone cables with Hubbell PH6599 receptacles at both ends are supplied for use with Line 1 and Line 2. These cables can be stored on the cord tender also provided and mounted on the inside of the front curbside compartment door,

No connection cables are provided for Data Lines or for the Diagnostic Line. These cables are the responsibility of the customer.

4.4 *SITE REQUIREMENTS:*

Phone Lines

Each phone line requires a Hubbell PH6597 weatherproof outlet mounted in a Hubbell PH6619 weatherproof box located within 50 feet of the mobile system.

Data Lines

Each data line requires a standard RJ45 connector mounted in a weatherproof box. Weatherproof data boxes should be located in the same general area as the phone weatherproof boxes.

TECHNICAL DRAWING: MOBILE LABORATORY UNIT

Views:

- Top View:** Shows the layout of the unit with labels for **REAR DOOR**, **REAR DOOR HANDLE**, **REAR DOOR LOCK**, **REAR DOOR LATCH**, **REAR DOOR SEAL**, **REAR DOOR FRAME**, **REAR DOOR HINGES**, **REAR DOOR COUPLER**, **REAR DOOR LATCH MECHANISM**, **REAR DOOR LATCH PIN**, **REAR DOOR LATCH SPRING**, **REAR DOOR LATCH BOLT**, **REAR DOOR LATCH NUT**, **REAR DOOR LATCH WASHER**, **REAR DOOR LATCH PLATE**, **REAR DOOR LATCH BRACKET**, **REAR DOOR LATCH ROD**, **REAR DOOR LATCH PIN**, **REAR DOOR LATCH SPRING**, **REAR DOOR LATCH BOLT**, **REAR DOOR LATCH NUT**, **REAR DOOR LATCH WASHER**, **REAR DOOR LATCH PLATE**, **REAR DOOR LATCH BRACKET**, **REAR DOOR LATCH ROD**.
- Front View:** Shows the front of the unit with labels for **FRONT DOOR**, **FRONT DOOR HANDLE**, **FRONT DOOR LOCK**, **FRONT DOOR LATCH**, **FRONT DOOR SEAL**, **FRONT DOOR FRAME**, **FRONT DOOR HINGES**, **FRONT DOOR COUPLER**, **FRONT DOOR LATCH MECHANISM**, **FRONT DOOR LATCH PIN**, **FRONT DOOR LATCH SPRING**, **FRONT DOOR LATCH BOLT**, **FRONT DOOR LATCH NUT**, **FRONT DOOR LATCH WASHER**, **FRONT DOOR LATCH PLATE**, **FRONT DOOR LATCH BRACKET**, **FRONT DOOR LATCH ROD**.
- Side View:** Shows the side of the unit with labels for **SIDE DOOR**, **SIDE DOOR HANDLE**, **SIDE DOOR LOCK**, **SIDE DOOR LATCH**, **SIDE DOOR SEAL**, **SIDE DOOR FRAME**, **SIDE DOOR HINGES**, **SIDE DOOR COUPLER**, **SIDE DOOR LATCH MECHANISM**, **SIDE DOOR LATCH PIN**, **SIDE DOOR LATCH SPRING**, **SIDE DOOR LATCH BOLT**, **SIDE DOOR LATCH NUT**, **SIDE DOOR LATCH WASHER**, **SIDE DOOR LATCH PLATE**, **SIDE DOOR LATCH BRACKET**, **SIDE DOOR LATCH ROD**.
- End View:** Shows the end of the unit with labels for **END DOOR**, **END DOOR HANDLE**, **END DOOR LOCK**, **END DOOR LATCH**, **END DOOR SEAL**, **END DOOR FRAME**, **END DOOR HINGES**, **END DOOR COUPLER**, **END DOOR LATCH MECHANISM**, **END DOOR LATCH PIN**, **END DOOR LATCH SPRING**, **END DOOR LATCH BOLT**, **END DOOR LATCH NUT**, **END DOOR LATCH WASHER**, **END DOOR LATCH PLATE**, **END DOOR LATCH BRACKET**, **END DOOR LATCH ROD**.

Annotations:

- REAR DOOR:** REAR DOOR HANDLE, REAR DOOR LOCK, REAR DOOR LATCH, REAR DOOR SEAL, REAR DOOR FRAME, REAR DOOR HINGES, REAR DOOR COUPLER, REAR DOOR LATCH MECHANISM, REAR DOOR LATCH PIN, REAR DOOR LATCH SPRING, REAR DOOR LATCH BOLT, REAR DOOR LATCH NUT, REAR DOOR LATCH WASHER, REAR DOOR LATCH PLATE, REAR DOOR LATCH BRACKET, REAR DOOR LATCH ROD.
- FRONT DOOR:** FRONT DOOR HANDLE, FRONT DOOR LOCK, FRONT DOOR LATCH, FRONT DOOR SEAL, FRONT DOOR FRAME, FRONT DOOR HINGES, FRONT DOOR COUPLER, FRONT DOOR LATCH MECHANISM, FRONT DOOR LATCH PIN, FRONT DOOR LATCH SPRING, FRONT DOOR LATCH BOLT, FRONT DOOR LATCH NUT, FRONT DOOR LATCH WASHER, FRONT DOOR LATCH PLATE, FRONT DOOR LATCH BRACKET, FRONT DOOR LATCH ROD.
- SIDE DOOR:** SIDE DOOR HANDLE, SIDE DOOR LOCK, SIDE DOOR LATCH, SIDE DOOR SEAL, SIDE DOOR FRAME, SIDE DOOR HINGES, SIDE DOOR COUPLER, SIDE DOOR LATCH MECHANISM, SIDE DOOR LATCH PIN, SIDE DOOR LATCH SPRING, SIDE DOOR LATCH BOLT, SIDE DOOR LATCH NUT, SIDE DOOR LATCH WASHER, SIDE DOOR LATCH PLATE, SIDE DOOR LATCH BRACKET, SIDE DOOR LATCH ROD.
- END DOOR:** END DOOR HANDLE, END DOOR LOCK, END DOOR LATCH, END DOOR SEAL, END DOOR FRAME, END DOOR HINGES, END DOOR COUPLER, END DOOR LATCH MECHANISM, END DOOR LATCH PIN, END DOOR LATCH SPRING, END DOOR LATCH BOLT, END DOOR LATCH NUT, END DOOR LATCH WASHER, END DOOR LATCH PLATE, END DOOR LATCH BRACKET, END DOOR LATCH ROD.

Notes:

1. ALL DIMENSIONS ARE IN INCHES.
2. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
6. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
8. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
9. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
10. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.

5.0. SITE CLEARANCE REQUIREMENTS:**5.1. MOBILE UNIT CLEARANCE REQUIREMENTS:**

Refer to illustration on page 9 depicting clearance required around the mobile unit.

5.2. SWING DIMENSIONS OF DOORS:

Swing dimensions are shown for all compartment doors, entrance door and canopy door. Service access should be an additional 36 inches to all dimensions shown (indicated on D13025 on page 9). These dimensions must be considered when contemplating parking near a building or other obstruction. Patient and staff access and egress should also be convenient to the mobile unit site.

5.3. OFF-TRACKING OF UNIT:

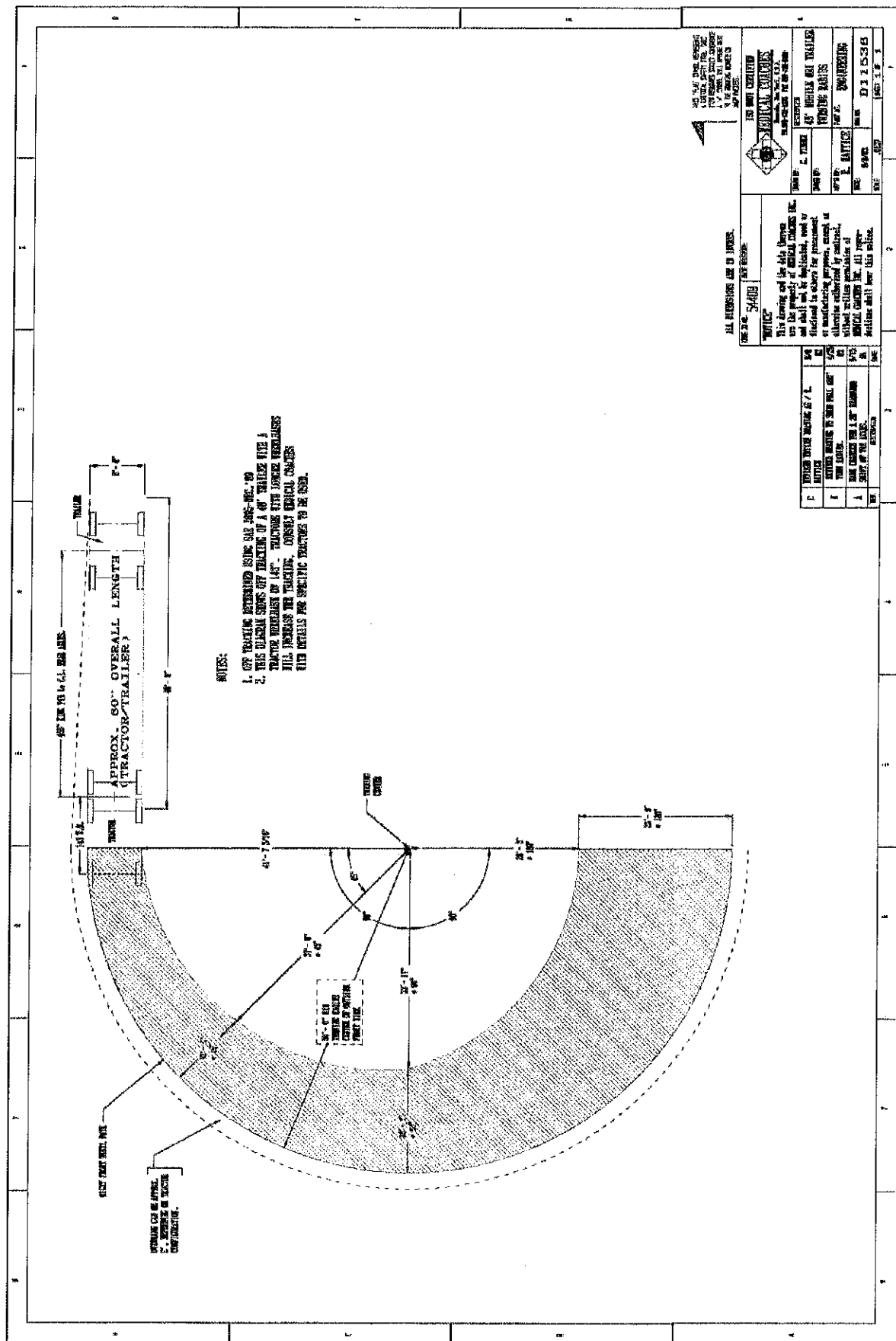
Adequate and convenient access also must be provided for movement in and out of site by the mobile unit with proper attention paid to swing and turn radii. Sharp dips, curbs, bumps, and other road surface conditions can affect the mobile unit ground clearance and must be considered. See D11536 on page 10.

NOTES:

Lift compartment doors (center compartment on curbside, see page 7) are easily removable.

Special hinging arrangements are possible for the canopy. Please contact Medical Coaches if the standard arrangement is inconvenient.

[illegible]



6.0 REGULATIONS:

This mobile unit has been designed to comply with Federal regulations in existence at time of manufacture. Local and State regulations may differ from site to site. It is the responsibility of each site to ensure that these regulations are met and encumber any costs associated with unique alterations or additional equipment required.

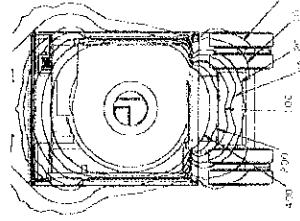
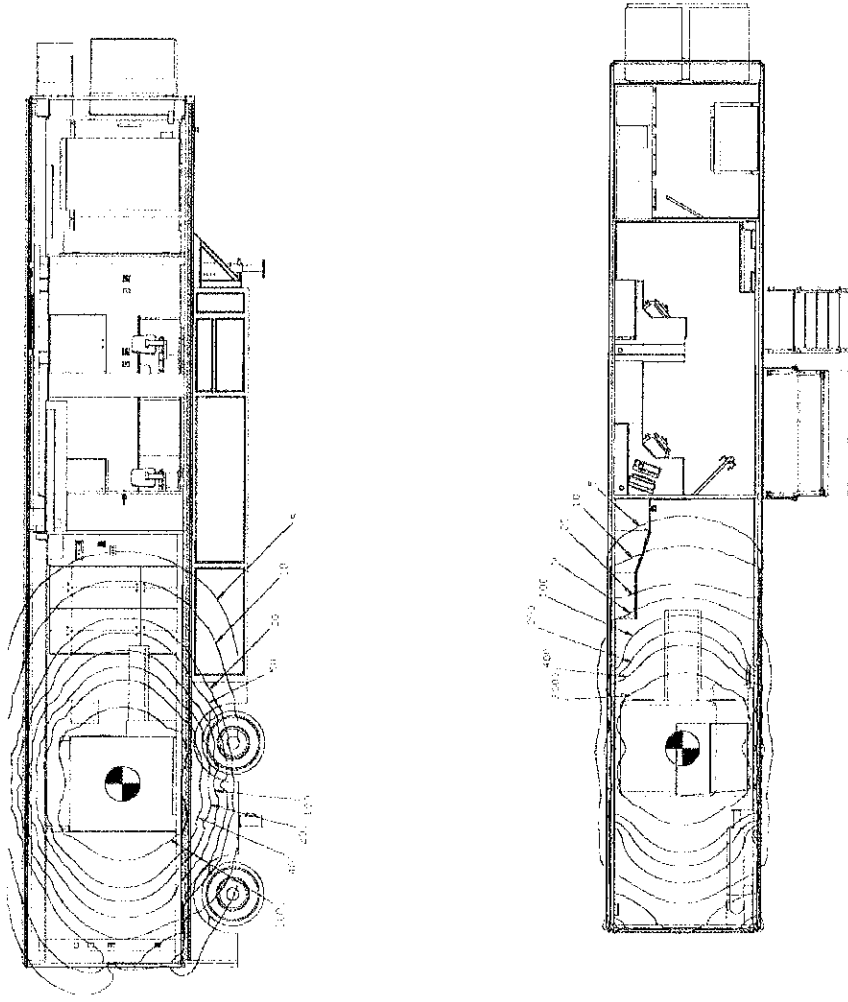
7.0 MAGNETIC SHIELDING:

Magnetic shielding is contained within the side walls of the mobile unit. This mobile unit can be transported "at field". See the Fringe Field Depiction Drawing D20500 for, fringe field depiction, as a result of magnetic shielding. The 5 gauss line is within 8" of the trailer exterior to a height of 8' above grade.

Extreme Caution must be followed when using or accessing the space above and below the trailer. This space is restricted for many uses and it is recommended to contact Siemens or Medical Coaches Inc. with specific questions about access to this space.

Image quality is directly related to stationary objects within a certain range of the magnet ISO center. For example, vehicle traffic, high power lines, etc. Contact Siemens for specific details.

Fringe Field Depiction Drawing D20500



ALL MEASUREMENTS ARE IN INCHES

PROJECT		DATE	
Medical Coaches Inc.		10/1/2005	
R. BLIZZ		10/1/2005	
R. MATTICE		10/1/2005	
NOTICE		THIS DRAWING IS THE PROPERTY OF MEDICAL COACHES INC. AND IS NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF MEDICAL COACHES INC.	

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