

**GENERAL**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated April 2024, and consists of pages AD2-1 thru AD2-2 and attachments. The following changes, additions and/or deletions shall be made to the following documents; all other conditions shall remain the same.

**ITEM NO. I – CONTRACT DOCUMENTS**

REVISED Bid Form to include allowance (see attached).

**ITEM NO. II – SPECIFICATIONS**

ADD section 01 22 00 - Allowances

**ITEM NO. III – CLARIFICATION/RFI RESPONSES**

BID RFI-01: Please advise if there is a hazardous material report for the auto door area scope of work?

RESPONSE: There is report for adjacent area, but not in the specific area by auto door. Assume area has asbestos and will require abatement.

BID RFI-02: Spec auto door - Propose substitution of Motion Access Condor ILO LCN. See next sheet (Hardware Group No. 1).

RESPONSE: Bid per plan. Substitutions can be reviewed during the material submittal process after bid award/construction starts.

BID RFI-03: A2.2 & C2.0 Note #2 Wood Bench and C2.0 Note #3 Trash container. Are these items OFCI or CFCI?

RESPONSE: CFCI.

BID RFI-04: C3.0 Is staking included by the design team under UCD or is the contractor responsible for the survey?

RESPONSE: Contractor is responsible for staking.

BID RFI-05: S2.1 Clarify hold down note, quantity required for Dayton anchors, ½” chain & Peerless binders. Additionally, clarify if the trailer vendor is aware of retaining wall clearance in front.

RESPONSE: For bidding purposes, assume no more than 16 chain tie-downs. To the best of SEOR knowledge, the trailer vendor is aware of the proximity of the retaining walls.

BID RFI-06: E1.1 Clarify PNL DHN1A can be de-energized for electrical tie-in.

RESPONSE: EEOR-TEE does not take exception to a power shutoff for the contractor to complete their work. However, all scheduled outages shall be coordinated with UCDH PO&M and approved by the Owner prior to work.

BID RFI-07: A5.1 Steel Handrail Finish is not shown please advise.

RESPONSE: Paint steel handrailing to match adjacent handrail installed as part of the MRI Trailer Project (gloss black).

BID RFI-08: C4.0 Sump structure/lid, please provide details.

RESPONSE: Please see related BID RFI-12 Response.

BID RFI-09: E1.1 Surface mounted 2” conduit, can this be EMT or is rigid conduit required?

RESPONSE: Per Specification Section 260533 3.01 A.1., rigid conduit is required when mounted below 8ft AFF or when subject to physical damage.

BID RFI-10: A2.2 The door swing is shown as RH, however, the specs show the door as LH. Please confirm with the manufacturer that the swing will be reversed in the factory in order to maintain proper clearance on the stair landing.

RESPONSE: Door is shown correct on Sheet A2.2. Trailer Vendor will reverse door swing at factory to match Sheet A2.2.

BID RFI-11: Stair landing height measurements are in question, see mark-up on next few sheets.

RESPONSE: Lower the concrete pad that the trailer sits on by 2 1/16”.

BID RFI-12: Sheet C4 note #2 states to "Pothole and verify depth and location of shallow electrical conduit. Lower electrical conduit and run new wire as necessary." This is a variable for a hard-bid project that may or may not have cost implications. Can an allowance be set for all bidders to level-set the bids? Please advise.

RESPONSE: All Bidders please list \$10,000 Allowance for work to demo the electrical sump & associated electrical connections. This will be a future ACD to OSHPD.

BID RFI-13: Detail 2/S3.0 shows excavation of wall footing to be approximately 2 feet below, and adjacent to the existing building. Is this a structural concern?

RESPONSE: There is minimal structural concern regarding the retaining wall footing shown in Section 2/C3.0 and Detail 2/S3.0. The excavation for the new retaining wall footing must not undermine the existing slab.

BID RFI-14: Please provide mounting detail for the new 200A fused disconnect to serve CT Trailer

RESPONSE: Mount 200A disconnect to the existing Utility HSS column (Refer to Utility Column 6/A4.1) per the attached detail. This will be a future ACD to OSHPD.

BID RFI-15: Please provide CT Trailer site planning guide, or provide part # of the Russelstol ~~150A~~ receptacle that will be required.

RESPONSE: Refer to Basis of Design/site planning from old Vendor-RAYUS Radiology as noted in Approved Spec Section 11 70 00/ page 22 of 23: Use Part Number: 480 VOLT (200 AMP) 5 WIRE RUSSELLSTOLL RECEPTACLE DF 2504 FRABO-this receptacle must be waterproof.

Also, see attached for new "Site Planning Guide / page 17 by Advanced Mobility via new Vendor-Shared Imaging, which states the same Russellstoll Part Number.

BID RFI-16: Note 1/E1.2 shows a new 1 ½” GRC conduit ran down from the 2<sup>nd</sup> floor, but the continuation of this conduit run on sheet E1.1 appears to have been removed. Please confirm the conduit on the 2<sup>nd</sup> floor is no longer required (assumed to be replaced by the data conduit from the exterior data cabinet Note 2/E1.1).

RESPONSE: Refer to ACD-0001: Sheet A0.0/ Drawing Index deleted Sheet E1.2, i.e. scope was deleted. Data route is from a telecom cabinet outside and to the north of the building, instead of the interior telecom room.

DocuSigned by:  
*Mark Wong*  
44B633D14AC342A...

Mark Wong – Project Manager  
Facilities Design & Construction  
UC Davis Health

**BID FORM**

**FOR: PROJECT NO. 9557820  
MAIN HOSP RADIOLOGY CT SCAN SITE TRAILER  
UNIVERSITY OF CALIFORNIA  
UC DAVIS HEALTH  
SACRAMENTO, CALIFORNIA**

**BID TO: Facilities Design and Construction  
4800 2<sup>nd</sup> Avenue, Suite 3010  
Sacramento, CA 95817  
Telephone: 916-734-7024**

**BID FROM:** \_\_\_\_\_  
(Name of Bidder)

\_\_\_\_\_ (Address)

\_\_\_\_\_, \_\_\_\_\_ (City) (State) \_\_\_\_\_ (Zip Code)

\_\_\_\_\_ (Telephone Number) \_\_\_\_\_ (Fax Number) \_\_\_\_\_ (Email Address)

\_\_\_\_\_ (Date Bid Submitted)

**NOTE: ALL PORTIONS OF THIS BID FORM MUST BE COMPLETED AND THE BID FORM MUST BE SIGNED BEFORE THE BID IS SUBMITTED. FAILURE TO DO SO WILL RESULT IN THE BID BEING REJECTED AS NON-RESPONSIVE.**

**1.0 BIDDER'S REPRESENTATIONS**

Bidder, represents that a) Bidder and all Subcontractors, regardless of tier, has the appropriate current and active Contractor's licenses required by the State of California and the Bidding Documents; b) it has carefully read and examined the Bidding Documents for the proposed Work on this Project; c) it has examined the site of the proposed Work and all Information Available to Bidders; d) it has become familiar with all the conditions related to the proposed Work, including the availability of labor, materials, and equipment; e) Bidder and all Subcontractors, regardless of tier, are currently registered with the California Department of Industrial Relations pursuant to California Labor Code Section 1725.5 and 1771.1. Bidder hereby offers to furnish all labor, materials, equipment, tools, transportation, and services necessary to complete the proposed Work on this Project in accordance with the Contract Documents for the sums quoted. Bidder further agrees that it will not withdraw its Bid within **sixty (60)** days after the Bid Deadline, and that, if it is selected as the apparent lowest responsive and responsible Bidder, that it will, within 10 days after receipt of notice of selection, sign and deliver to University the Agreement in triplicate and furnish to University all items required by the Bidding Documents. If awarded the Contract, Bidder agrees to complete the proposed Work within **ninety (90)** days after the date of commencement specified in the Notice to Proceed.

**2.0 ADDENDA**

Bidder acknowledges that it is Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda from University's Facility at the appropriate address stated on Page 1 of this Bid Form. Bidder therefore agrees to be bound by all Addenda that have been issued for this Bid.

**3.0 NOT USED**

**4.0 LUMP SUM BASE BID**

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**(Place figures in appropriate boxes)**

Bidder includes in the Lump Sum Base Bid the following allowance: \$10,000 for work to demo the electrical sump and associated electrical connections.

**5.0 SELECTION OF APPARENT LOW BIDDER**

Refer to the Instructions to Bidders for selection of apparent low bidder.

**6.0 UNIT PRICES – Not Used**

**7.0 DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS**

Bidder shall determine and provide below the daily rate of compensation for any Compensable Delay caused by University at any time during the performance of the Work. A Facility may choose a minimum compensable delay in the best interests of the Project. If so, use the language in parenthetical { } and in grey highlight:

\$ 

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 X **30** (multiplier)

**(Place figures in appropriate boxes)**

Failure to fill in a dollar figure for the daily rate for Compensable Delay shall render the bid non-responsive. University will perform the extension of the daily rate times the multiplier.

The daily rate shown above will be the total amount of Contractor entitlement for each day of Compensable Delay caused by University at any time during the performance of the Work and shall constitute payment in full for all delay costs, direct or indirect, of the CM/Contractor and all subcontractors, suppliers, persons and entities under CM/Contractor on the Project, including without limitation all subcontractors added by Contract Amendment. The number of days of Compensable Delay shown as a "multiplier" above is not intended as an estimate of the number of days of compensable delay anticipated by the University. The University will pay the daily rate of compensation only for the actual number of days of Compensable Delay, as defined in the General Conditions; the actual number of days of compensable delay may be greater or lesser than the "multiplier" shown above.

**8.0 ALTERNATES – Not Used**

**9.0 LIST OF SUBCONTRACTORS**

Bidder will use Subcontractors for the Work: Yes \_\_\_\_ No \_\_\_\_

If "yes", provide in the spaces below (a) the name, the location of the place of business, and the California contractor license number of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a subcontractor licensed by the state of California who, under subcontract to the prime contractor, specifically fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of 1/2 of 1% of the prime contractor's total bid, (b) the portion of the work which will be done by each subcontractor. The prime contractor shall list only one subcontractor for each such portion as is defined by the prime contractor in its bid.

PORTION OF THE WORK ACTIVITY (E.G. ELECTRICAL, MECHANICAL, CONCRETE)	SUBCONTRACTOR					
	NAME OF BUSINESS	LOCATION OF BUSINESS (CITY)	LICENSE NO.	AMOUNT OF SUBCONTRACT	DIR REGISTRATION NO.	BUSINESS CATEGORY (CHECK ALL THAT APPLY)
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
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**(Note: Add additional pages if required.)**

Total percentage of bid amount to be performed by SBEs and DVBEs: \_\_\_\_\_

**10.0 BIDDER INFORMATION**

TYPE OF ORGANIZATION: \_\_\_\_\_  
(Corporation, Partnership, Individual, Joint Venture, etc.)

IF A CORPORATION, THE CORPORATION IS ORGANIZED UNDER THE LAWS OF:

THE STATE OF \_\_\_\_\_  
(State)

NAME OF PRESIDENT OF THE CORPORATION: \_\_\_\_\_  
(Insert Name)

NAME OF SECRETARY OF THE CORPORATION: \_\_\_\_\_  
(Insert Name)

IF A PARTNERSHIP, NAMES OF ALL GENERAL PARTNERS:

\_\_\_\_\_  
(Insert Names)

CALIFORNIA CONTRACTORS LICENSE(S):

\_\_\_\_\_  
(Classification) (License Number) (Expiration Date)  
(For Joint Venture, list Joint Venture's license and licenses for all Joint Venture partners.)

DEPARTMENT OF INDUSTRIAL RELATIONS:

\_\_\_\_\_  
(Registration No.) (Expiration Date)

**11.0 REQUIRED COMPLETED ATTACHMENTS**

The following documents are submitted with and made a condition of this Bid:

- 1. Bid Security in the form of \_\_\_\_\_  
(Bid Bond or Certified Check)
- 2. Qualification Questionnaire

**12.0 DECLARATION**

I, \_\_\_\_\_ hereby declare that I am the \_\_\_\_\_  
(Printed Name) (Title)

of \_\_\_\_\_ submitting this Bid Form; that I am duly authorized to execute  
(Name of Bidder)

this Bid Form on behalf of Bidder; and that all information set forth in this Bid Form and all attachments hereto are, to the best of my knowledge, true, accurate, and complete as of its submission date.

I further declare that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any

fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare, under penalty of perjury, that the foregoing is true and correct and that this declaration was executed at:

\_\_\_\_\_ (Name of City if within a City, otherwise Name of County), in the State

of \_\_\_\_\_, on \_\_\_\_\_.  
(State) (Date)

\_\_\_\_\_  
(Signature)

[End]

**SECTION 01 22 00  
ALLOWANCES**

**PART I - GENERAL**

1.01 GENERAL

- A. The Contract Lump Sum Base Bid as entered in Article 4.0 of the Bid Form shall include the amounts for all Allowances required in this section and elsewhere in the Contract Documents. All Allowances shall be provided by the Contractor for the amounts indicated.
- B. The following shall apply to the Allowances, unless otherwise indicated in the Contract Documents:
  - 1. Allowance amounts shall be for the full amount of compensation, both direct and indirect, and contain all overhead costs including but not limited to supervision, support, taxes, bonds, insurance, and profit.
  - 2. Allowances shall be for complete compensation to the Contractor for all materials and equipment delivered at the Project site, including all overhead, taxes, insurance, shipping, and handling.
  - 3. Allowances shall be for complete compensation to the Contractor for all labor amounts and shall include all overhead, supervision, support, tools and equipment to perform the work directed by the University's Representative.
  - 4. Allowances for tradesmen in labor amounts will be utilized and directed by the University's Representative. These amounts are for work not included in the scope of the contract documents and are solely for the use and direction by the University's Representative
  - 5. Upon project closeout, adjustments for any remaining quantities of the amounts included in the Allowances will be deleted from the contract sum on a per unit basis.

1.02 DESCRIPTION OF ALLOWANCES

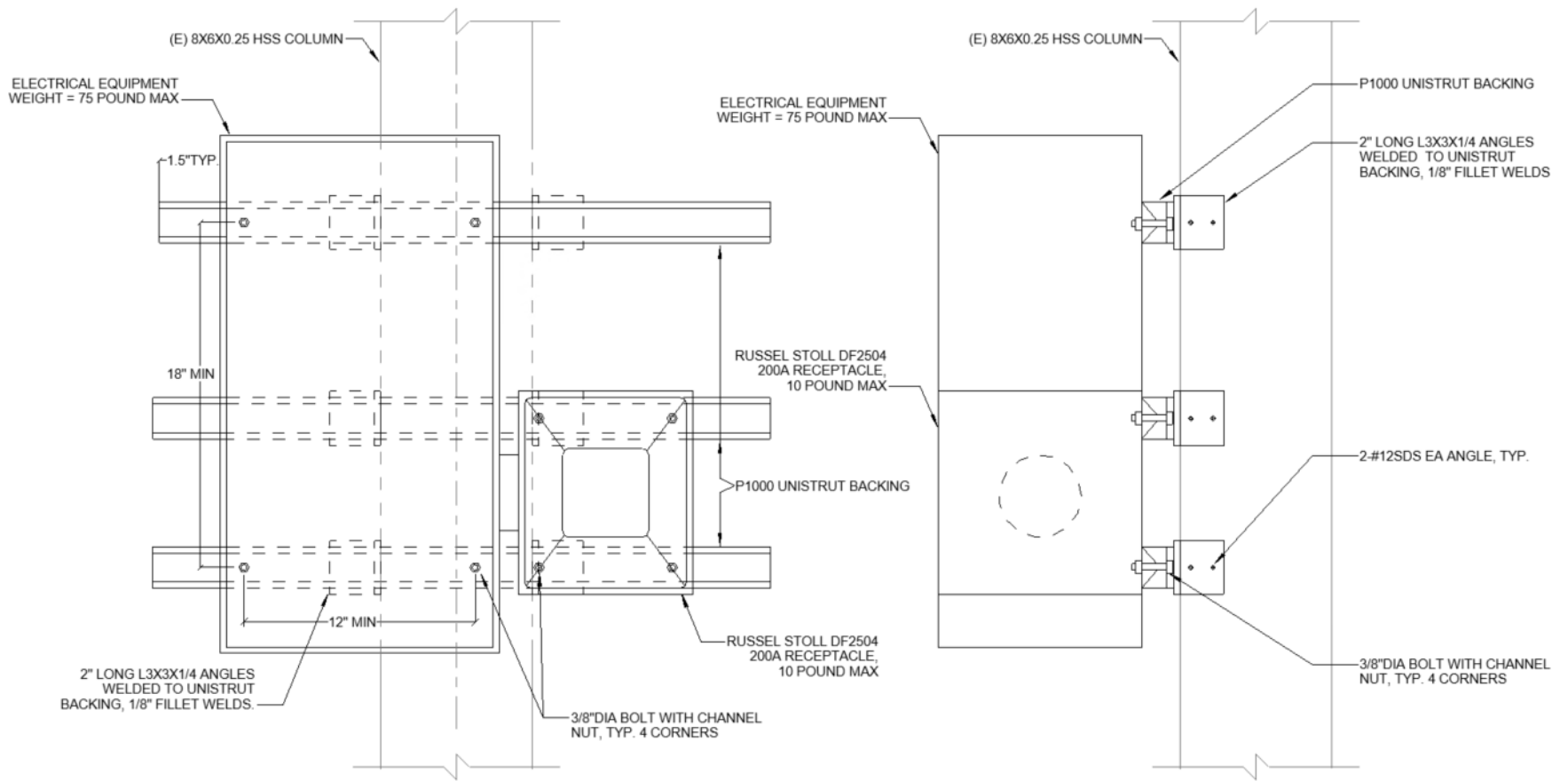
- A. **Contractor** shall provide \$10,000 for allowance to be included in the Lump Sum Bid of the Contract for work to demo the electrical sump and associated electrical connections.

**PART II – PRODUCTS – Not Applicable to this section.**

**PART III – EXECUTION – Not Applicable to this section.**

**END OF SECTION 01 22 00**

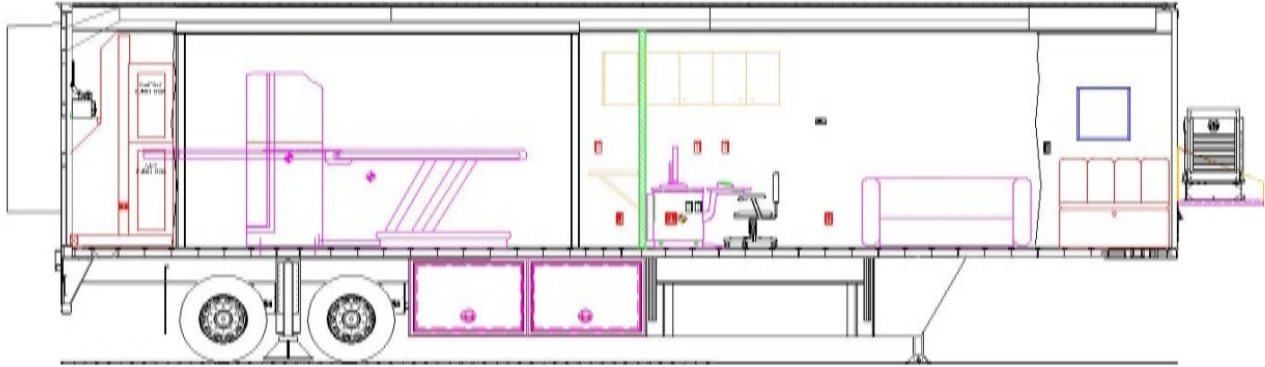




NOTE: CENTER MASS OF ELECTRICAL EQUIPMENT TO BE LESS THAN 48" AFF PER HCAI PIN 68

# **SITE PLANNING GUIDE**

## **Mobile CT System 42' L x 8'-6" W x 13'-6" H**



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<b>Revision History</b>			
<b>Date</b>	<b>Revision</b>	<b>Updated by</b>	<b>Description</b>
03-14-2016	-	Chris Sledz	Released for Production
06-02-2016	A	Chris Sledz	As-Built Updates

## Notice

In accordance with our policy of continued product improvement, Advanced Mobility by Kentucky Trailer reserves the right to make changes in the equipment, design, specifications, and materials of the product described herein. Any problems or questions related to the components or systems covered in this booklet may be directed to:

Advanced Mobility by Kentucky Trailer  
 Attn: Sales  
 500 Crossings, Suite A  
 University Park, IL  
 60484  
 USA

Telephone: (708) 235-2800

<http://www.amstcorp.com>



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## Introduction

The purpose of this document is to provide the basic information needed for site planning. For specific information not contained in this document, please contact Advanced Mobility by Kentucky Trailer.

The mobile unit requires sufficient room to be maneuvered and positioned for setup and takedown. The mobile unit has several storage compartments and service doors that require access during these procedures as well as during operation. The expanding wall sections, platform lift, and entry stairs require additional space on the right side of the mobile unit. Refer to the drawings provided for actual locations of doors, platform lift, and stair sizes and locations.

## Warning and Safety Alert Conventions

Three types of statements are used throughout this document to warn the operator of potential situations. Always read these statements carefully and take the appropriate safety precautions to ensure a safe environment for all personnel and all property. The statements are as follows:



**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury to the operator of the mobile unit.



**CAUTION** indicates a hazardous situation which, if not avoided, could result in irreparable damage to the mobile unit.



**IMPORTANT** indicates important information not related to personal injury.

## Support Pad Requirements

### **IMPORTANT**

If other modalities utilize the same support pad, it is recommended that non-ferrous reinforcement materials be used for pad reinforcement.

### **IMPORTANT**

Medical Equipment OEM must approve plans for pad construction.

The following is a list of recommendations and requirements for a concrete support pad. However, due to varying site conditions, the actual pad design should be prepared by an appropriately licensed structural or architectural engineer.

## Trailer Weight

The weight of the trailer should be considered in the design of the support and service pads. The overall weight of the trailer is approximately 40,000 lbs. The weight on the rear axles is approximately 24,000 lbs. The weight on the king pin is approximately 16,000 lbs.

## Recommended Support Pad Requirements

The measurements for the recommended support pad are as follows, 10'-11" x 34'-8-1/2". The cross hatching as shown on **Figure 1 - Plan Layout**, **Figure 2 - Right Side Elevation**, **Figure 3 - Left Side Elevation** and **Figure 5 - Stair / Lift / Wall Elevation** represents the recommended support pad.

## Support Pad Depth

Recommendations for the width and length of the pad are given above. Based upon the existing site conditions, the depth should be determined by a local contractor.

## Support Pad Levelness

In order to ensure proper operation of the CT system, the support pad must be level and the deviation must not exceed .125" in 10'-0.

## Recommended Service Pad

The measurements for the recommended service pad are as follows, 20'-8" x 50'-3/4". This will allow full service access to the mobile unit. The recommended service pad is shown on **Figure 1 - Plan Layout**, **Figure 2 - Right Side Elevation**, **Figure 3 - Left Side Elevation** and **Figure 5 - Stair / Lift / Wall Elevation**.

## Electro-Magnetic Interference

The ambient static magnetic field within the region of the gantry should not exceed 1 Gauss ( $10^{-4}$  Tesla) peak at the detector.

## Air Conditioning Air Flow Clearance

The following clearances for acceptable air conditioning condenser air flow have been established between wall-mounted equipment and opposing units or surfaces for maximum capacity, lowest operating costs, satisfactory operation of ventilation packages, and longest service life.

## Swing Clearance Note

Please verify the actual dimensions of the rearmost projections on the cab of your tractor to the centerline of tandem suspension or centerline of the fifth wheel plate on your tractor. Refer to **Figure 8 - Turning Requirements** for proper tractor sizing information.

## Radiation Shielding Requirements

### Radiation Shielding

#### **IMPORTANT**

Radiation exposure limits must be in accordance with all local, state, and federal requirements. It is the responsibility of the customer to perform a proper radiation survey in order to determine the exclusion zone.

Care should be taken when determining a site location. Factors such as shielding design, proximity to buildings, and occupancy of the surrounding areas must be considered. An exclusion zone around the mobile unit may be necessary. Refer to **Figure 4 - Radiation Shielding Plan View** for additional information.

### Radiation Field Information

It is the responsibility of the customer to ensure a safe environment with respect to the radiation field. Due to radioactivity levels associated with PET patient handling and diagnostic procedures used in CT scanning, an exclusion zone may be required while in use.

Customer must contact their local Radiation Safety Operation Official for the federal, state, and local guidelines and must comply with these safety requirements.

Operator needs to make their own exposure dose measurements to include radiation from patients when determining the outside "Keep Away Zone" (chained-off area).



## Customer Power Requirements



**It is the operator's responsibility to verify that the shore power receptacle is of the same type and voltage as the connection that is supplied by Advanced Mobility by Kentucky Trailer.**

**Failure to do this can result in injury or death to the operator of the mobile unit as well as irreparable damage to the mobile unit.**



**The standard connector for the unit is a Russellstoll DS2504MP000 480V, 200A plug. If an existing site currently implements a different connector or connector configuration, please contact Advanced Mobility by Kentucky Trailer in order to arrange for a compatible power connector before the unit leaves the facility.**

## Lock-Out/Tag-Out

A lock-out/tag-out provision in accordance with OSHA Standard 1910.147 is required. The facility shore power disconnect device must be located within 40'-0" of the unit and must provide for an effective lock-out/tag-out to facilitate safe service and maintenance of the unit.

## Electrical Service

A single electrical power source is required for operation of the CT system. 3/N/PE AC 480V service fused at 150 amperes.

## Configuration

Three-phase, five-wire, wye connection, with neutral and ground. (5 wire 3/N/PE AC 480V).

## Load Regulation at Line Frequency

Wires are to be sized such that the line voltage drops from the power source to the mobile unit is less than 2.5% of the nominal voltage for the rated load of the mobile unit.

## Frequency

60Hz  $\pm$  2.0Hz.

## Phase Balance

The phase balance is 3% maximum of lowest phase-to-phase voltage.

## Maximum Voltage Variation

The maximum voltage variation is  $\pm$ 10% from a nominal steady state (under the worst case conditions of line voltage).

## Connector Type

The mobile unit is supplied with a 50'-0" useable power cable and male conductor. Unless otherwise specified, the connector type is a Russellstoll DS2504MP000 480V 200A rated plug. The customer facility must have the mating receptacle as specified in **Figure 6 - Russellstoll Receptacle / Service Disconnect** and **Figure 7 - Russellstoll Receptacle Chart**. Unless otherwise specified, the receptacle type to be used must be a Russellstoll DF2504FRAB0 female receptacle.

## Power Source Monitoring (Facility Only)

### **IMPORTANT**

It is the customer's responsibility to perform a power audit first.

Use a power analyzer to check the proposed Mobile CT Series facility site power for average line voltage, surges, sags, reclosures, impulses, frequency and microcuts. A period that includes two weekends should be used to measure several days of normal use. Analysis of the data and site history of any previous power problems with other X-ray systems or computer installations should be reviewed with your power and ground representative. Verify "brown-out" (low voltage) conditions, which may occur during summer months, will not exceed the allowable range.

Some analyzer models that are suitable for power monitoring are:

- Dranetz Model 658
- Dranetz Model 656A
- BMI 3630
- RPM

## Telephone and Data Service Requirements

### Telephone Service

The mobile unit is supplied with one (1) telephone connection. The connector type that is used is a Hubbell model PH6595.

The customer is required to purchase and install one (1) Hubbell all-weather telephone connection, model PH6597 for use at the site.

One Hubbell model PH6599 telephone-connecting cables can be supplied as an option with the mobile unit. The cables measure 50'-0" in length.

### Data Service

The mobile unit is supplied with one (1) data line connection that utilize RJ-45 outlet.

The customer is required to purchase the data connection cable for use with the data line connection. The data line connection requires a 50'-0" CAT6 cable with RJ-45 connection.

## Water Requirements

### **IMPORTANT**

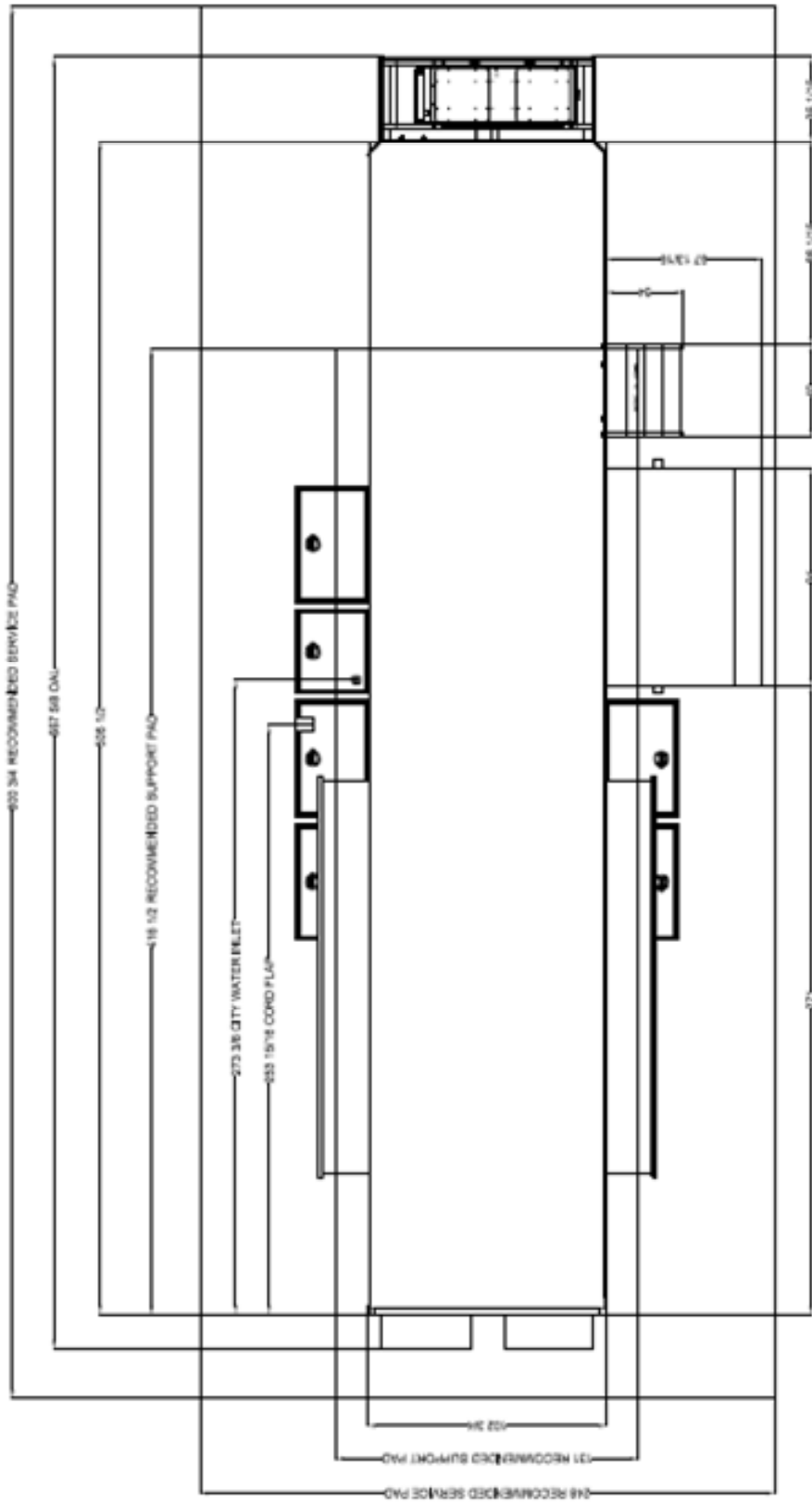
During winter conditions, provisions must be made to ensure that water lines do not freeze.

### Water Supply Tank

A 20-gallon water supply tank is located in an underbody storage compartment on the road side of the mobile unit, which supplies the HVAC system.

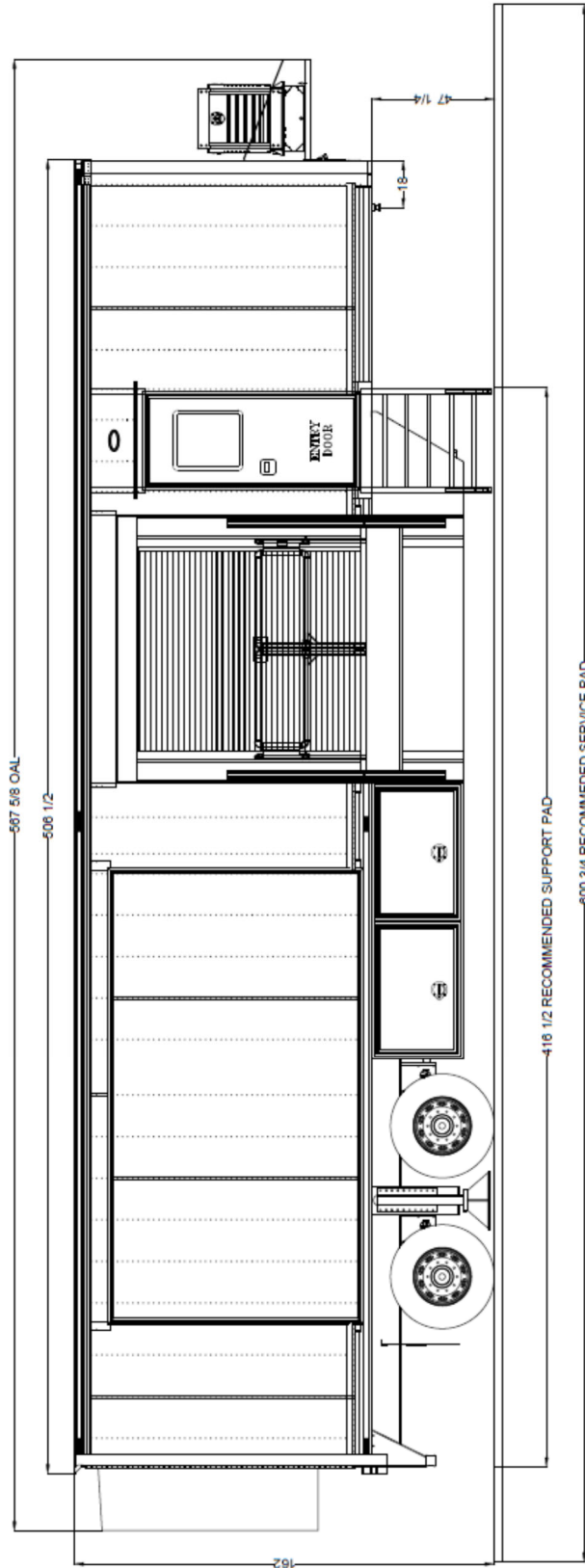
The water supply tank can be filled from the exterior of the mobile unit by using the city water inlet connection and a hose.

The drain for the water supply tank is located below the water storage underbody compartment door.



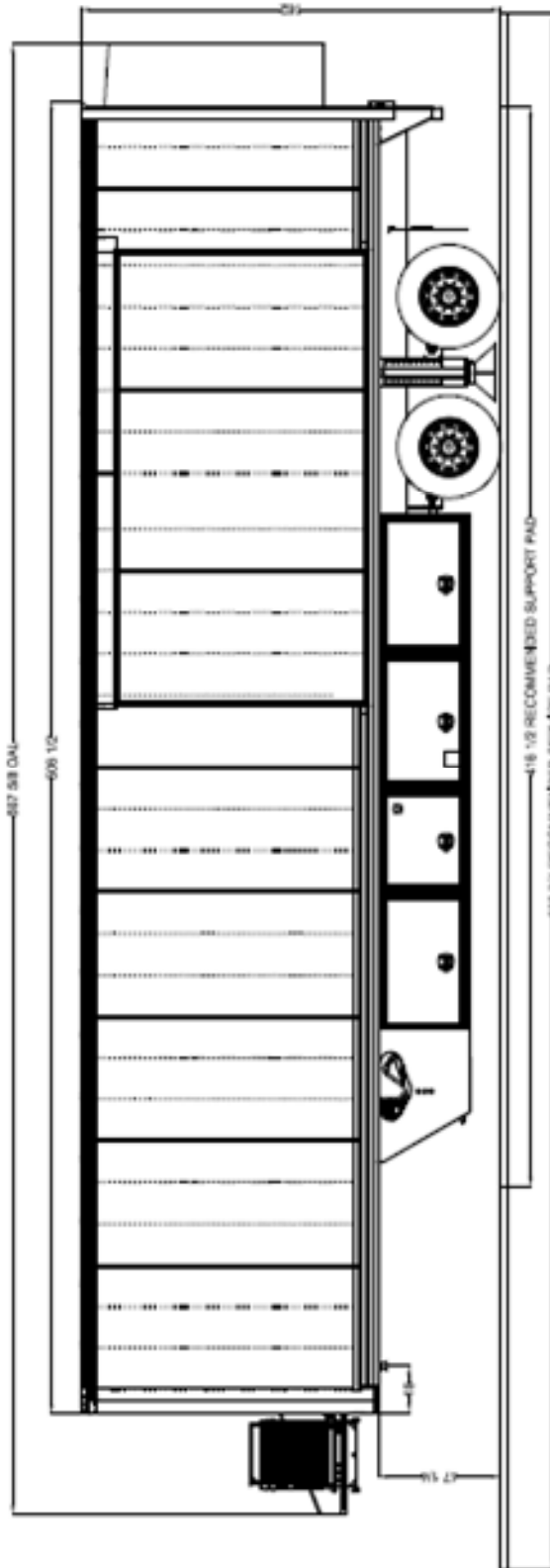
**Figure 1 - Plan Layout**

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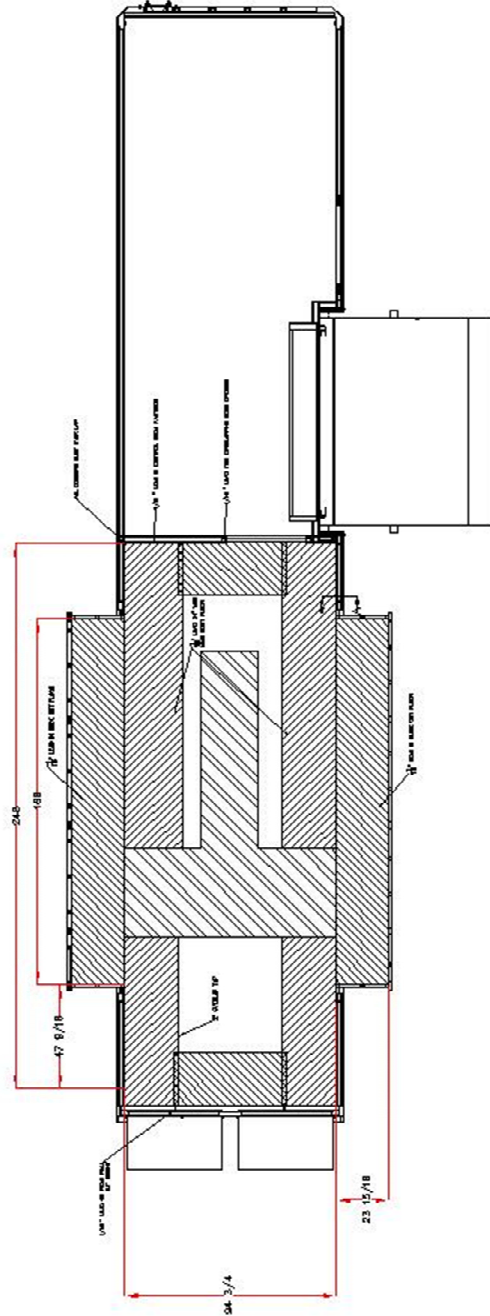
**Figure 2 - Right Side Elevation**

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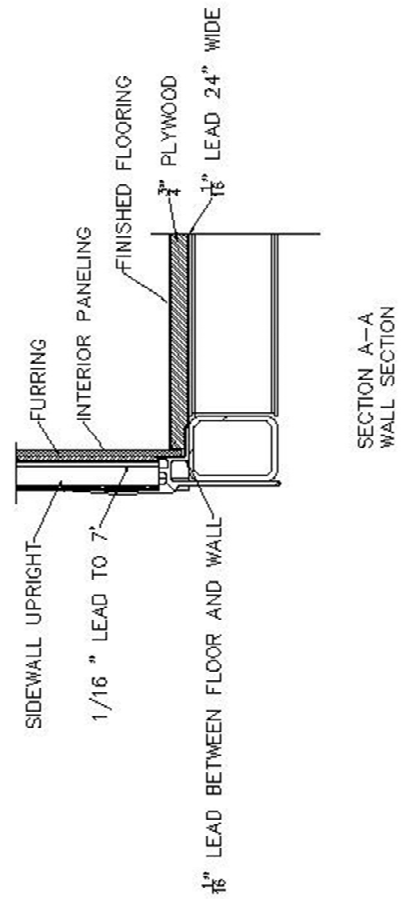


**Figure 3 - Left Side Elevation**

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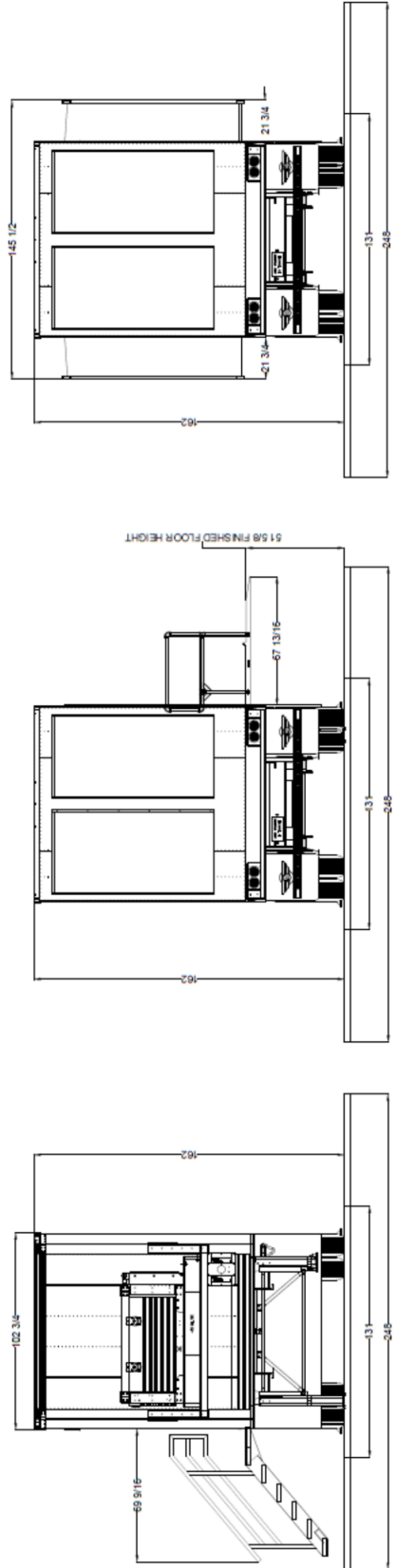


- NOTE:
1. LEAD SHEET MATERIAL MUST BUT TOGETHER WITH 2" STRIP BEHIND SPLICE IN SIDE WALLS.
  2. LEAD IN GENTRY ROOM WALLS  $\frac{1}{16}$ " 84" HEIGHT.
  3. LEAD IN SLIDE OUTS  $\frac{1}{16}$ " FULL HEIGHT.



**Figure 4 - Radiation Shielding Plan View**

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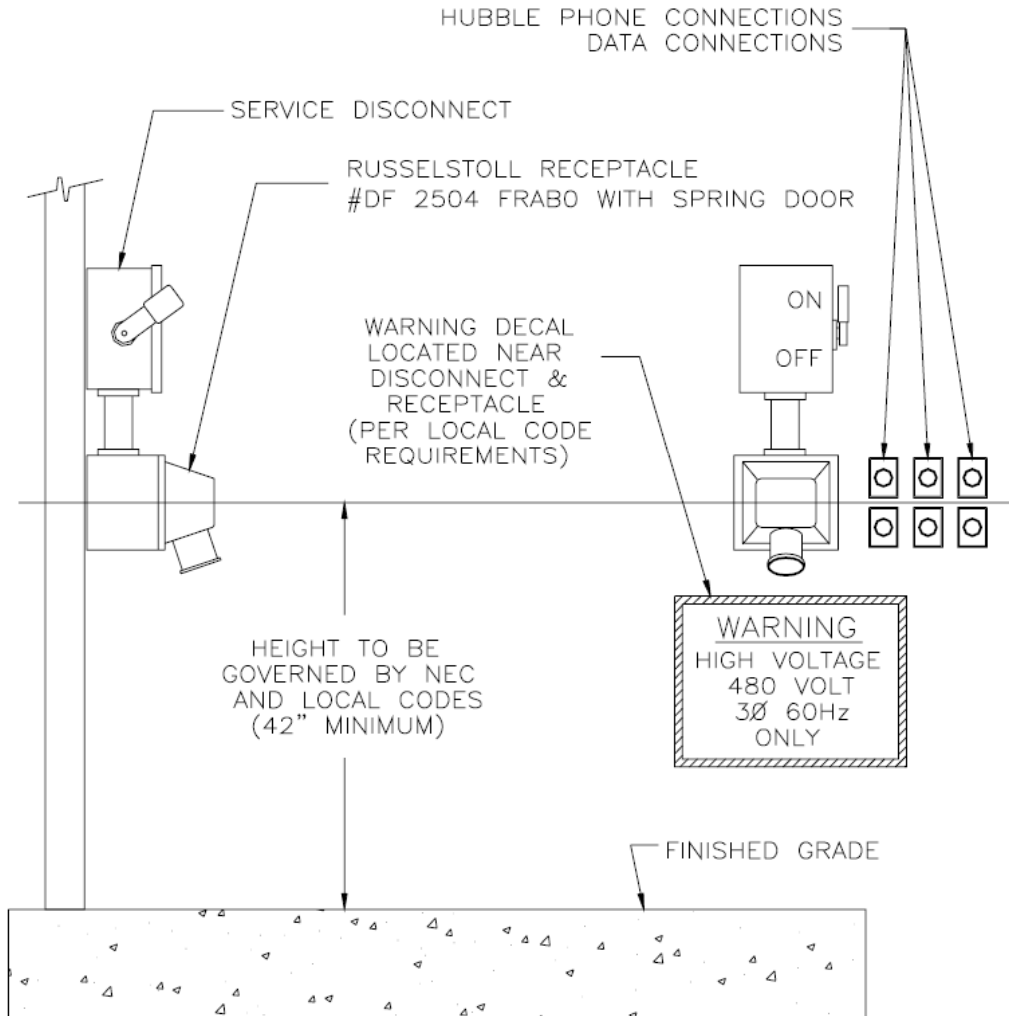
**Figure 5 - Stair / Lift / Wall Elevation**

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# RUSSELLSTOLL RECEPTACLE/ DISCONNECT DIAGRAM

480 VOLT AC – 3 PHASE WALL MOUNTED RECEPTACLE (SUPPLIED BY CUSTOMER)



RECEPTACLE AND INSTALLATION PROVIDED  
BY CUSTOMER

DRAWN BY:

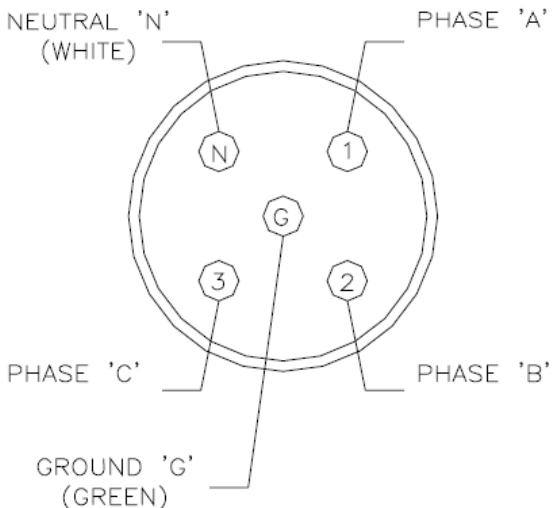
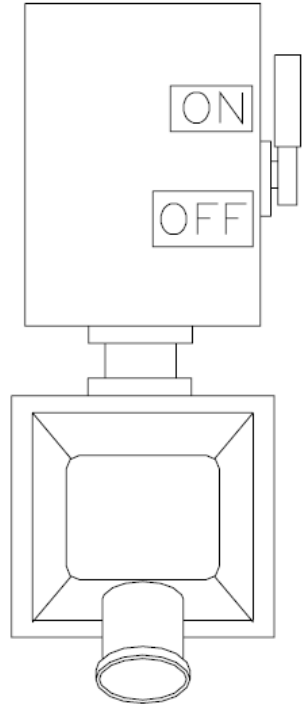
DRAWING NUMBER:

DET-0047

REV

1

**Figure 6 - Russellstoll Receptacle / Service Disconnect**

RUSSELLSTOLL RECEPTACLE CHART			
AMP / WIRE	DESCRIPTION		RECEPTACLE
	WIRES	POLES	PART NUMBER
MAXIMUM WIRE SIZE FOR LUG # 1/0	5	4	480 VOLT (200 AMP) 5 WIRE RUSSELLSTOLL RECEPTACLE DF 2504 FRABO THIS RECEPTACLE MUST BE WATERPROOF
480 VOLT AC DEDICATED POWER LINE FROM MAIN TRANSFORMER STATION	3Ø	WYE CONNECTION 150 AMP TOTAL 3Ø NEUTRAL AND GROUND	
<p>RUSSELLSTOLL MATING PLUG PART# DS2504MP000/DF2032 5 WIRE/4 POLE</p> 		<p>MAIN DISCONNECT 3/N/PE AC 480 VOLT 150 AMP FUSED DISCONNECT</p> 	
<p>RECEPTACLE AND INSTALLATION PROVIDED BY CUSTOMER</p>			<p>DRAWN BY:</p> <p>DRAWING NUMBER: DET-0048</p> <p>REV 2</p>

**Figure 7 - Russellstoll Receptacle Chart**

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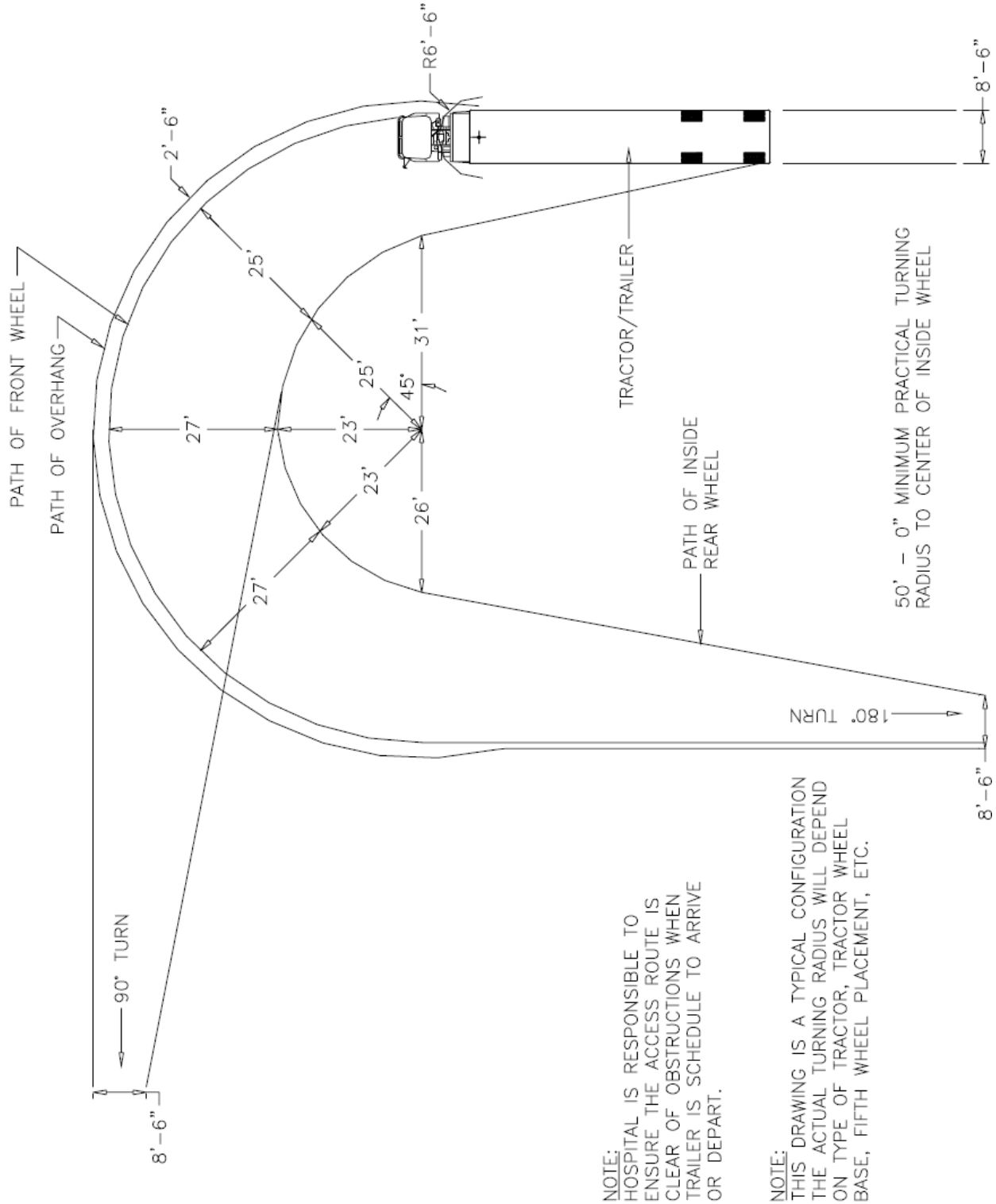


Figure 8 - Turning Requirements