

*Site Specification Guide  
For  
Mobile  
Computerized  
Tomography*

*“Your Strategic Mobile Imaging Partner”*

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# Site Specification Guide

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## 1.0 **Parking Pad**

### 1.1 Purpose

The parking pad provides a level surface on which the trailer axel assembly can be precisely positioned.

### 1.2 Dimensions

A single pad 42' x 10' is preferred. For unimproved sites, there must be a 6' apron around the pad site. Asphalt may be used for this. The apron must extend out 13' from the pad in the area of the patient lift on the curbside of the unit.

The pad design is determined by local soil conditions and loading. Loading on the smaller front pad is 23,000 pounds (nominal). Loading on the larger, rear pad is 39,500 pounds (nominal). The rear third pad may take the full 39,500 pounds when the trailer is on the support stands. Good soil conditions usually call for a reinforced pad thickness of 12". Actual pad design determined by your local architectural resource.

### 1.3 Alternate Dimensions

Two concrete pads: one for the front trailer stabilizers, one for the rear stabilizers, support stands and wheels. The front pad is 8'-0" x 10'-0". The rear pad is 20' x 10'. These are minimum dimensions.

For unimproved sites, there must be a 6' apron around the pad site. Asphalt may be used for this. The apron must extend out 13' from the pad in the area of the patient lift on the curbside of the unit.

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### 1.4 Reinforcement

No reinforcement is required.

### 1.5 Slope and Grade

Pad levelness must not exceed one-eighth inch in ten feet in any direction over the pad (front and rear) area or the system performance will be affected.

Note that the service area must be flat near the rear of the rear pad.

Pads must generally conform to surrounding grade to provide easy access to pad and proper operations of patient lift. If a combination of front and rear pads is used, the difference in elevation should not exceed four inches.

### 1.6 Unit Access

There must be access available sufficient for the tractor trailer combination (turning radius of 50 feet). The road to the pad must be capable of supporting the tractor-trailer load. There must be no overhead obstructions. Trailer height is 13'-6".

## **2.0 Telephone**

### Specifications for Telephone Line

Hubble Cable Set – Cat. No. PH-6599  
50 feet, 3-conductor, No 16 AWG  
SJTO Yellow vinyl cord

Hubble Junction Box – Cat. No. PH-6619  
Hubble Plug – Cat. No. PH-6597

Standard Phone Jack  
Adapters are available. Contact Catalina Imaging to fit your application.

## **3.0 Water and Drain**

**\*\*Note\*\* Not all Trailers include plumbing. Contact Catalina Imaging for information on your specific trailer**

### 3.1 General

There are no toilet facilities on the trailer.

### 3.2 Specifications

Access to outdoor water faucet bib. Consideration may be required in humid areas for drainage of water run-off from the air conditioners.

## **4.0 Patient Delivery**

### 4.1 General

The route from the hospital holding area and the Mobile CT unit should be examined for ease of access for transportation (i.e., levelness) and protection during inclement weather.

### 4.2 Specifications

A covered walkway and/or a suitable vehicle may be required and is the responsibility of the client.

## **5.0 Codes and Regulations**

### **5.1 General**

Local building codes and operating regulations vary greatly from site to site and it is the responsibility of the client to insure that the site and service conform to local and state regulations.

## **6.0 Shore Power Specifications for Power Distribution Requirements**

RECEPTACLE AND PLUG: Power Receptacle is Russellstoll Model# DF2504 FRAB

RECEPTACLE VOLTAGE (NOMINAL) 480 VAC, 3 Phase, 3 Wire  
Underground Delta with case  
to Earth Ground or Wye (star)  
With case to Earth Ground.

MAXIMUM ALLOWABLE DAILY LINE  
VOLTAGE VARIATIONS 455 to 504  
All combinations of line and load variations shall be no more than +/- 5% of nominal,  
otherwise line regulation will be required.

KVA - DEDICATED POWER 112.5 KVA  
(NOTE: NOTHING ELSE IS TO BE CONNECTED TO THIS CIRCUIT)

SUPPLY CIRCUIT BREAKER OR FUSES 150 AMPS

LINE VOLTAGE BALANCE All lines within 2% of lowest  
line voltage

FREQUENCY 60 Hertz +/- .5 Hz

Instantaneous fluctuations in the line voltage caused by loads other than this Mobil CT  
Scanner unit must not exceed +/- 5%, have a duration in excess of 3 cycles, and  
frequency of their occurrence must not be more than ten (10) times per hour.

CONFIGURATION 480 VAC, 3 Phase 60 Hz, 3  
Wire,

WIRE DESIGNATIONS + Ground  
Phase 1  
Phase 2  
Phase 3  
Ground

PHASE ROTATION SEQUENCE Phase sequence of receptacle pins must  
indicate a clockwise rotation of A, B, C.