



*GE Medical Systems*

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# **Technical Publications**

**Direction 2274391  
Revision 0**

## **Signa OpenSpeed Pre-Order Survey**

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**Operating Documentation**

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## 1- INTRODUCTION & SCOPE

### 1-1 Pre-Sale/Site Survey Scope

Due to the vertical field of the Signa OpenSpeed 0.7T Magnet, the site requirements are significantly different from other GE magnets. Therefore, accurate completion of this very basic pre-sale/site survey is critical to making sure the site qualifies for a more detailed screening survey, which must be completed prior order entry. OpenSpeed Order Processing Flowcharts have also been included to outline the steps to be taken and the control points that have been added.

### 1-2 Pre-Sale/Site Survey Instructions

This Initial Pre-Order survey must be completed and given to the Local Customer Team (LCT) Installation Specialist. The LCT Installation Specialist will then make sure a Signa OpenSpeed Site Screening Survey is completed and signed off before an order can be approved for a Signa OpenSpeed. See Illustration 1-1, Pre-Sale/Site Survey Process Map.

#### Note

This document (Direction 2274391) is the first of two steps in the site qualification process for a Signa OpenSpeed Magnet. Completion may require input supplied by the Customer and by GE. Do not forward this document until all questions are answered "yes". This helps to ensure that the Customer is aware of the basic siting requirements and has been able to identify a location that can then be surveyed in greater detail. An order for Signa OpenSpeed will not be processed until a **Signa OpenSpeed Site Screening Survey (Direction 2267841)** is reviewed and approved by the LCT Installation Specialist.

### 1-3 Electronically Completing This Document

This document is formatted in Microsoft WORD with Text Form Fields for entry of information and Check Box Fields for selections.

#### Text Fields:

- The text fill-in fields are underlined blanks.
- The text field will expand if additional space is needed.

#### Check Box Fields:

- The checkbox fields appear as a box.
- Clicking on blank check box will change the box to checked (X), the check box can be toggled to no X by an additional click on check box.

### 1-4 Electronically Navigating Document Fields

You can move sequentially through the document text and check box fields by depressing the following keys.

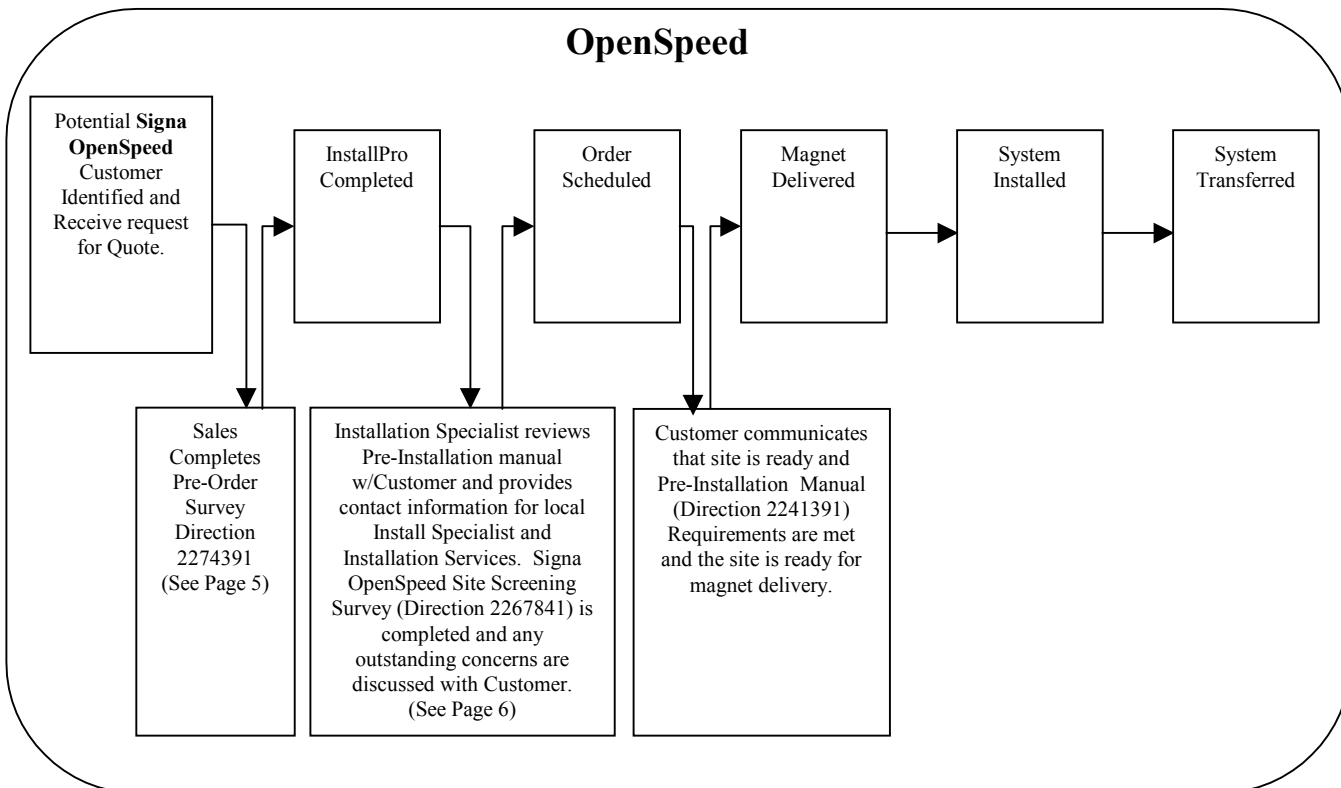
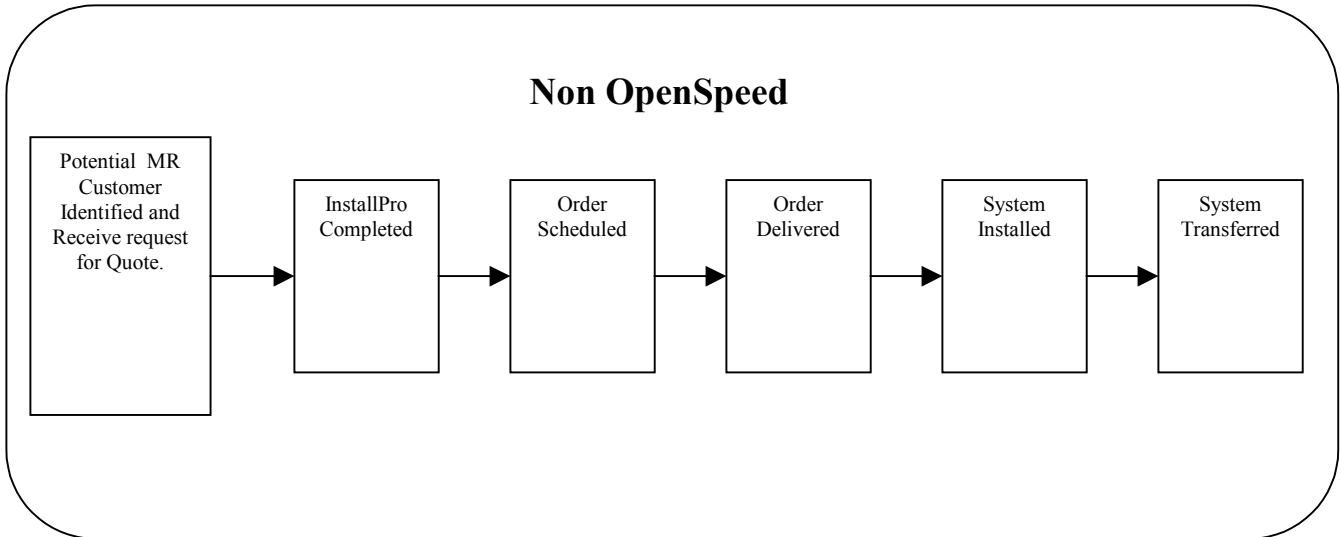
Forward: Tab, Page Up, ↑ key.

Backward: Shift and Tab, Page Down, ↓ key.

Use the side scroll bar to move to other locations in the document (i.e. Table Of Contents (page 2)) or GoTo (under Edit) to select/move to a specific page number.

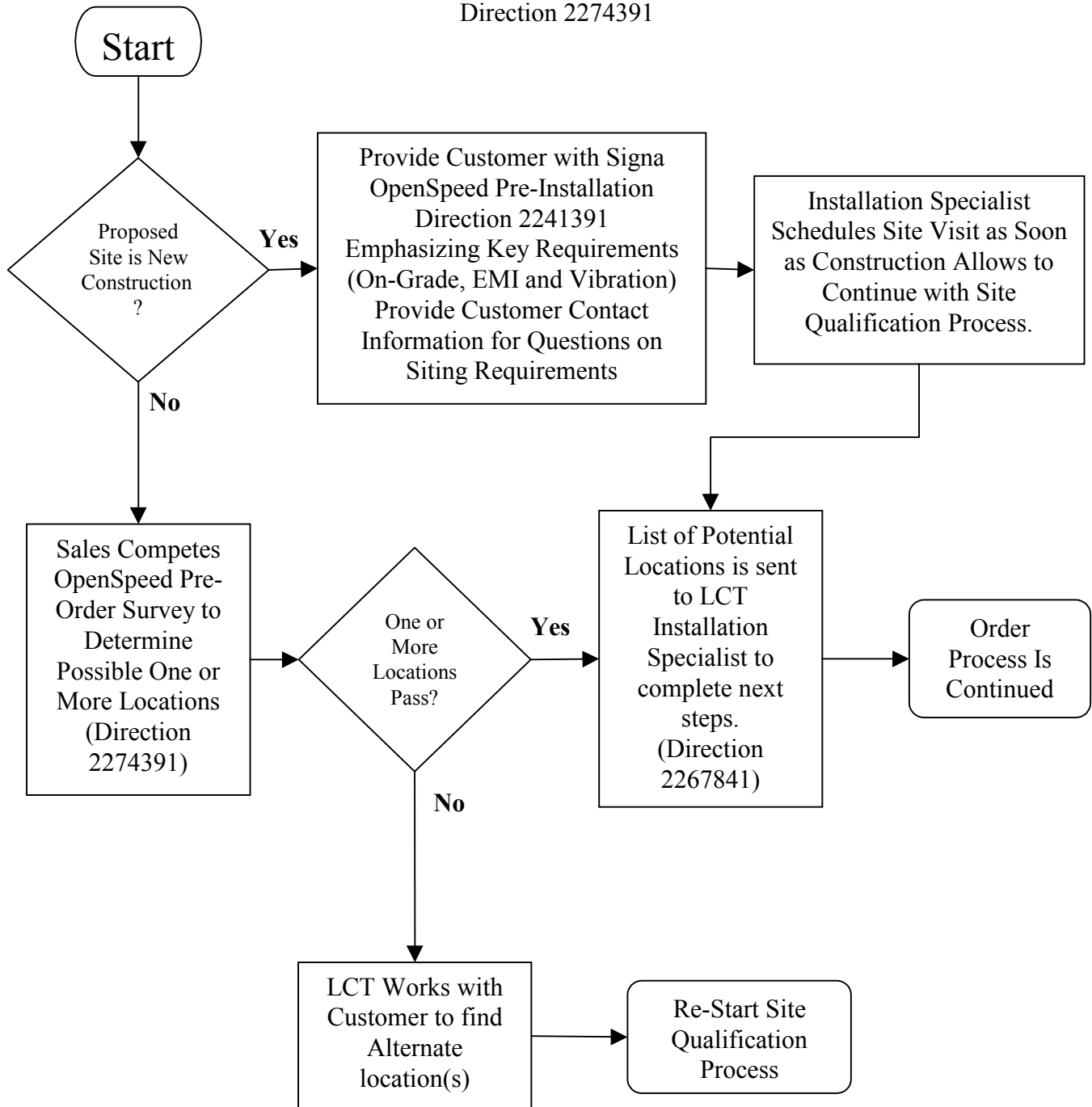
1-5 OpenSpeed Order Processing Flowcharts

**Order Process Difference/Control Points For  
Signa OpenSpeed Orders**



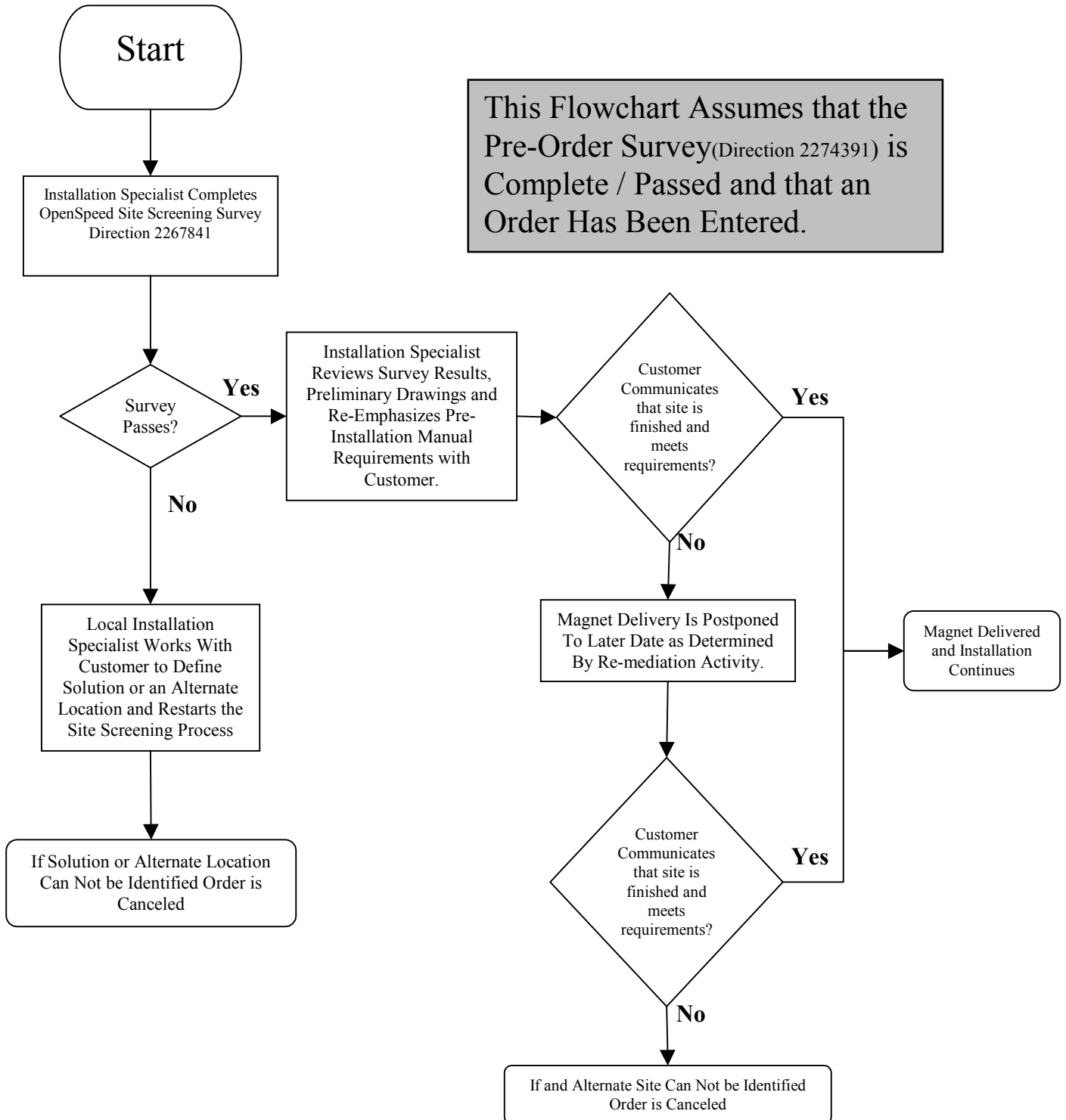
# OpenSpeed Pre-Order Survey Process Flowchart

Direction 2274391



# OpenSpeed Site Screening Process Flowchart

Direction 2267841



**2- SITE LOCATION & SURVEY LOGISTICS**

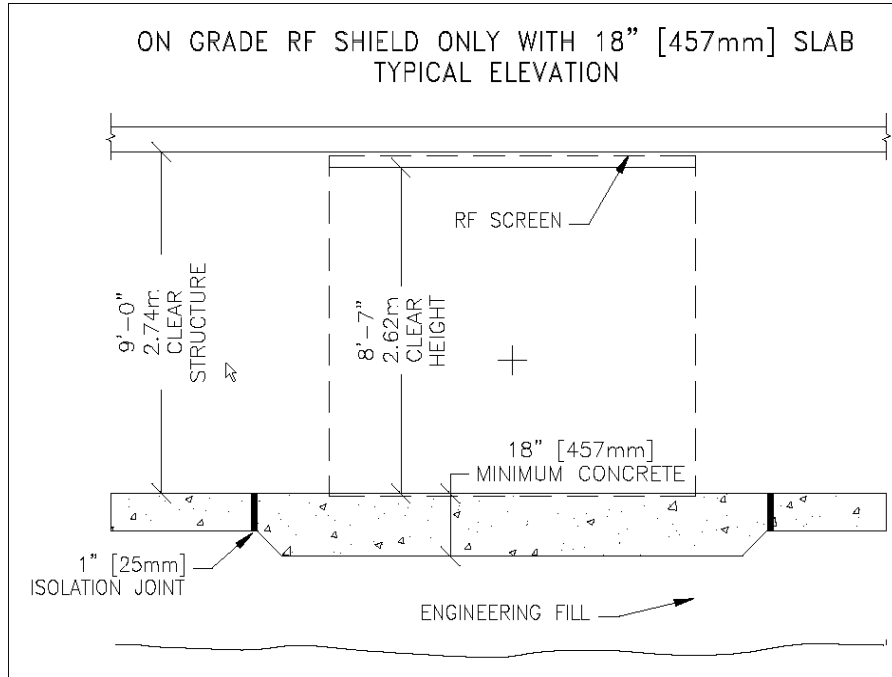
Customer Name: \_\_\_\_\_  
 Proposed Location Identifier: \_\_\_\_\_  
 Survey Completion Date: \_\_\_\_\_  
 Individual completing Survey: \_\_\_\_\_  
 Individual's Title: \_\_\_\_\_

**3- SURVEY QUESTIONS**

These questions are the absolute minimums that must be met to pre-screen a site for Signa OpenSpeed. All questions must be answered YES for each proposed location. Without meeting these minimums the facility can not support the Signa OpenSpeed system. Refer to the Signa OpenSpeed Pre-Order Survey drawings (Illustration 3-1 & 3-2) for visual representation of these siting considerations.

QUESTIONS	YES	NO
1. Is proposed site Magnet Room located ON GRADE (ground floor of building with Earth in contact with the floor) with minimum 18 inch (457 mm) concrete slab below the entire Magnet Room floor? <b>OR</b> If there is not 18 inch (457 mm) slab below the entire Magnet Room, can site be modified to meet this requirement?	<input type="checkbox"/>	<input type="checkbox"/>
2. Is there at least 9 feet (2.74 meter) vertical height in the Magnet Room without any occupancy above the Magnet Room? <b>OR</b> If the area above the proposed magnet location is occupied, then is there at least 10 feet (3.05m) vertical height in the Magnet Room? (The room may require magnetic shielding. Illustration 3-2)	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the Magnet Room have direct access to the outside of the structure for delivery and installation of the magnet? <b>OR</b> Is there a delivery path with doors/hallways opening Width x Height of at least 93.5 inches x 96.5 inches (2375 mm x 2451 mm)?	<input type="checkbox"/>	<input type="checkbox"/>
4. All vehicular traffic including parking areas, elevators and any other large movable metal objects are beyond at least 25ft.(7.62m) of Iso-Center of the proposed magnet location?	<input type="checkbox"/>	<input type="checkbox"/>
5. The Customer understands the importance of the facility meeting the siting requirements and the severe impact on system performance in failing to do so. (The local Installation Specialist can provide names of external vendors that can assist the customer with meeting siting requirements.)	<input type="checkbox"/>	<input type="checkbox"/>

**Send copies of this page to Local Customer Team Installation Specialist to enable technical survey actions (Direction 2267841 Signa OpenSpeed Site Screening Survey).**



Illustration

3-1

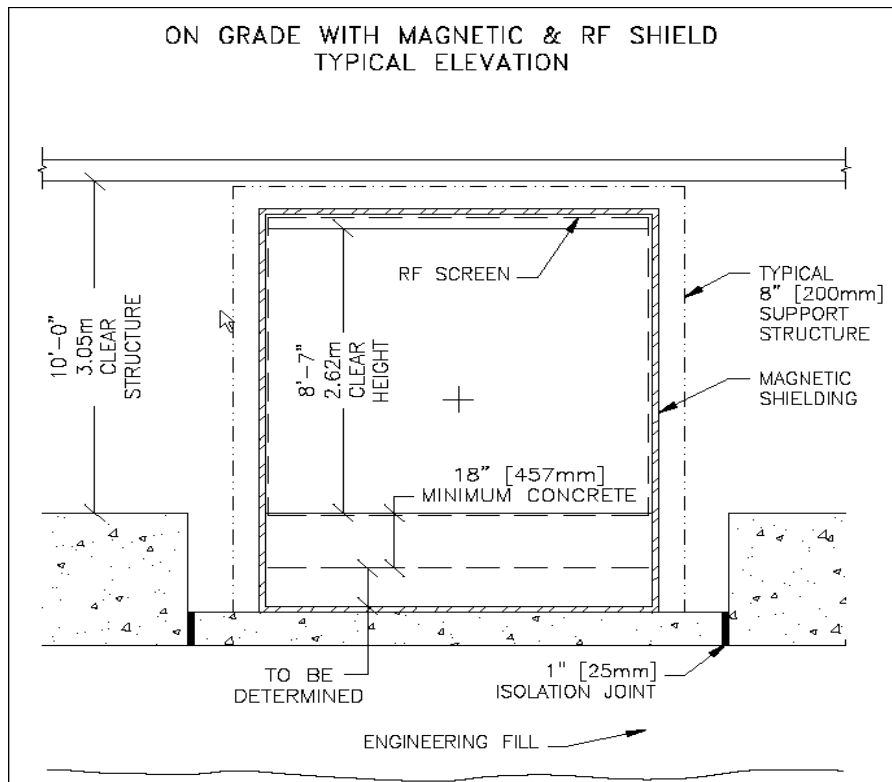


Illustration 3-2

Revision History

REV	DATE	AUTHOR	PRIMARY REASONS FOR CHANGE
Dev	May11, 2000	D. Balis	Development revision of document