Prelimnary Site Survey

This appendix contains a sample preliminary site survey that you should complete before planning a detailed site survey. This preliminary survey ensures that the basic system requirements have been completed or are underway before detailed site plans are completed.

- Preliminary Site Survey, page 1

Preliminary Site Survey

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The table below is a sample preliminary site survey.

Table 1: Sample Preliminary Site Survey

Preliminary Site Survey	
Order Information	
Sales order number:	
Estimated shipping date:	
Site ready date:	
Installation date:	
Site Location and Address	
Company name:	
Site address:	
Shipping address:	

Preliminary Site Survey	
Building or computer room access:	
Special instructions:	
Hours and days of operation:	
Site Survey Contacts	
Primary Contact	
Name:	
Title:	
Phone number:	
Mobile phone number:	
Fax number:	
Pager number:	
E-mail address:	
Secondary Contact	
Name:	
Title:	
Phone number:	
Mobile phone number:	
Fax number:	
Pager number:	
E-mail address:	
Delivery and Installation Constraints	
Is there a loading dock available to unload the equipment at this site?	

Preliminary Site Survey	
Is the path to the installation area unobstructed? If not, can special arrangements be made to get the equipment to the installation area? Describe them.	
On what floor is the installation?	
If it is on a floor other than the ground floor, is there a freight elevator available? Note if the equipment will have to be brought up a flight of stairs.	
Is there someone on site during working hours to accept delivery of the materials? If not, list the times this person would be available.	
Floor Mounting	
How many line card chassis will be installed? Is there floor space available for all of the chassis?	
Does the floor meet the routing system floor-loading requirements?	
Can the primary or secondary chassis mounting locations be used to secure the chassis to the floor, or will an outrigger kit be required?	
Make a sketch of the area where the chassis is to be installed and note the chassis location.	
Power	
Is AC or DC power available for the chassis? Is there a connection point on the panel for the chassis?	
Is there a fuse access panel (FAP) available for the equipment? Provide a connection point on the fuse access panel for each chassis.	

Preliminary Site Survey	
Will a fuse access panel be installed in time for the routing system installation? Provide a date when the FAP will be installed.	
Is the FAP in the same room as the chassis?	
Is there an AC power outlet (220 V or 110 V) located within 10 feet of each chassis for PCs and test equipment?	
Is there proper grounding for the equipment? If not, when will the grounding be available? Provide a connection point for the grounding.	
Are there any restrictions when the equipment can be powered on or when electrical work can be done? If so, describe them.	
Are there special requirements for power or power cables (for example, a different wire gauge, and so on)? If so, describe them.	
Air conditioning	
Does the site have the air conditioning capacity to handle the routing system? If not, note what will be done to rectify the lack of adequate cooling.	
Describe the air conditioning at the site.	
System Interconnection Cabling	
Has the chassis-to-chassis interconnection cabling been considered?	
Control Plane, BITS, and Alarm Interfaces	
Will the facility building integrated timing source (BITS) be used? Has the cabling been considered?	

Preliminary Site Survey		
Will the chassis be connected to an external alarm system? Has the cabling been considered?		
Supported Data Interfaces		
Will the routing system be connected to OC-3/STM-1 POS circuits? How many ports?		
Will the routing system be connected to OC-48/STM-16 POS or DPT circuits? How many ports?		
Will the routing system be connected to OC-192/STM-64 POS or RPR XFP circuits? How many ports?		
Will the routing system be connected to OC-768/STM-256 POS circuits? How many ports?		
Will the routing system be connected to Gigabit Ethernet (GE) or 10-GE circuits? How many ports?		
Will the routing system be connected to 100-GE circuits? How many ports?		
Cable Plant		
Have the cables been pulled for all data interfaces? If not, list the outstanding cabling that needs to be installed and the scheduled completion dates.		
Are there connection points on the fiber distribution panel for all optical cables connecting to the routing system?		
Will fiber jumpers be provided? What length of fiber jumper is required to complete the installation?		
What type of fiber connector is used at the site?		

Preliminary Site Survey	
If attenuation is required, will attenuators be provided? If not, who will pay for the attenuators?	