The intended use for this Cut Sheet is to communicate the spatial requirements as well as the basic architectural, electrical, structural, and mechanical requirements for this piece of imaging equipment. The information provided in this document is for reference only, during the pre-planning stage, and therefore does not contain any site specific detailed requirements. This information is subject to change without notice. Federal, state and/or local requirements may impact the final placement of the components. It is the customer's responsibility to ensure that the final layout and placement of the equipment complies with all applicable requirements.
EXTENDED GANTRY E.CAM
SPECIFICATIONS

FOR MORE INFORMATION
FOR MORE DETAILED PLANNING REQUIREMENTS FOR THIS SYSTEM, SEE
THE TYPICAL FINAL DRAWING SET NUMBER: TYPICAL #02067

FINISHED ROOM HEIGHT
FOR THE E.CAM SYSTEM
RECOMMENDED CEILING HEIGHT 8'-0"
MINIMUM CEILING HEIGHT 7'-0"

REMOTE SYSTEM DIAGNOSTICS
SIEMENS REMOTE SERVICES (RS) REQUIRES A CONNECTION BETWEEN
THE RS\S REMOTE SERVER AND SIEMENS SYSTEMS VIA REMOTE LOCAL
AREA NETWORK ACCESS, TO ENSURE THE UPTIME OF YOUR SYSTEM.
A CUSTOMER VPN CAPABLE FIREWALL OR OTHER VPN APPLIANCE IS
PREFERRED.

ENVIRONMENTAL REQUIREMENTS
TEMPERATURE AND OPERATION:
OPERATING TEMPERATURE SHALL BE 65° TO 95°F TO AVOID
PERMANENT DAMAGE TO THE SCINTILLATION CRYSTAL.
TEMPERATURE VARIANCE DURING OPERATION OR STORAGE MUST
NOT EXCEED 8°F PER HOUR.
HUMIDITY:
BETWEEN 15% AND 80% NON-CONDENSING.

POWER REQUIREMENTS
ITEM 1 (R) - 208 VAC SINGLE PHASE, 30 AMPS. DEDICATED
OUTLET FOR E.CAM SYSTEM. INSTALL A TWIST-LOCK NEMA
L6-30 R RECEPTACLE TO RECEIVE L6-30P PLUG FOR
INSTALLATION OF THE SIEMENS GANTRY POWER CABLES.
LOCATED 12" ABOVE FINISHED FLOOR.

ITEM 2 (R1) - 115 VAC SINGLE PHASE, 20 AMPS. DEDICATED
DOUBLE DUPLEX OUTLET FOR COMPUTERS.
POWER SUPPLIED FOR SIEMENS MEDICAL SOLUTIONS EQUIPMENT
SHALL BE DEDICATED SERVICES KEPT ENTIRELY FREE AND
INDEPENDENT OF ALL OTHER BUILDING WIRING AND EQUIPMENT
SUCH AS: ELEVATORS, GENERATORS, PUMPS, HVAC SYSTEMS,
Etc.

RADIOACTIVE SOURCES
THE FOLLOWING RADIOACTIVE SOURCES ARE REQUIRED AT THE
TIME OF DELIVERY FOR CALIBRATION:

SHEET SOURCE SHOULD MEASURE
>10 mCi Cs57 (COSALT 57)
AT THE TIME OF INSTALLATION.
SOURCE SHOULD BE NO MORE
THAN 4 MONTHS FROM REFERENCE DATE
(THE DATE SOURCE WAS FILLED).
30 mCi Tc99m (TECHNETIUM 99)

IT IS CUSTOMER'S RESPONSIBILITY TO OBTAIN THESE SOURCES.
SOURCE PROVIDERS WILL NOT SHIP SOURCES TO SITE WITHOUT
A VALID RAM LICENSE.

RAM LICENSE
A VALID RAM LICENSE IS REQUIRED 4 WEEKS BEFORE SYSTEM
DELIVERY.
SOURCE PROVIDERS WILL NOT SHIP THE SOURCES TO THE SITE
WITHOUT A RAM LICENSE.

IT IS THE CUSTOMER'S RESPONSIBILITY TO WORK WITH THEIR
RADIATION SAFETY OFFICER AND THE GOVERNMENT AGENCY
TO SECURE THE RAM LICENSE.

CASEWORK & ACCESSORY NOTES
1. ALL CASEWORK IS EITHER EXISTING OR IS TO BE DESIGNED,
DETAILED, FURNISHED AND INSTALLED BY THE CUSTOMER AND/OR
CONTRACTOR, FOLLOW DESIGN RECOMMENDATIONS INCLUDED
HEREWITH, AS THEY ARE ESSENTIAL FOR THE SUCCESSFUL
INSTALLATION & OPERATION OF THE SIEMENS EQUIPMENT.
2. THE SOUND SYSTEM AND INTERCOM BETWEEN THE EXAMINATION
AND CONTROL ROOMS ARE TO BE LOCATED, FURNISHED AND
INSTALLED BY THE CUSTOMER/CONTRACTOR.
3. ALL FURNITURE (CHAIRS, ETC.) FOR THE CONTROL ROOM ARE TO
BE PROVIDED BY THE CUSTOMER.

FLOOR VARIANCE
THE FLOOR MUST BE LEVEL WITH A MAXIMUM FLOOR VARIANCE
OF 0.5" FROM THE HIGHEST TO THE LOWEST POINT WITHIN THE
INSTALLATION AREA.
MAXIMUM DISTANCES

THE MAXIMUM DISTANCE BETWEEN COMPONENTS IS CALCULATED AS THE DISTANCE FROM CABLE OUTLET TO CABLE OUTLET. VARIOUS ARRANGEMENTS OF COMPONENTS ARE POSSIBLE AS LONG AS THE DISTANCES SHOWN BELOW ARE NOT EXCEEDED.

1) ELECTRONICS ENCLOSE (TOWER) WITH SNAC TO SYNGO ACQUISITION WORKPLACE OVERALL LENGTH OF THE CABLE IS 99'-0".

2) ELECTRONICS ENCLOSE (TOWER) WITH SNAC TO GANTRY OVERALL LENGTH OF CABLE 2'-6".

3) ELECTRONICS ENCLOSE (TOWER) WITH SNAC TO THE PATIENT HANDLING SYSTEM OVERALL LENGTH 9'-8".

4) ELECTRONICS ENCLOSE (TOWER) WITH SNAC TO WALL OUTLET OR E.CAM UPS (OPTION) CABLE LENGTH 11'-0".

5) E.CAM UPS (OPTION) TO WALL OUTLET OVERALL CABLE LENGTH 4'-0".

E.CAM UPS

SYNGO ACQUISITION WORKPLACE
**TRANSPORT AND DELIVERY NOTES**

**NORMAL TRANSPORT REQUIREMENTS:**
DURING THE MOVEMENT OF THE GANTRY THROUGH CORRIDORS
THE TRANSPORT CASTERS ARE SWIVELED OUT FOR STABILITY.
PATIENT HANDLING SYSTEM REQUIRES SAME TRANSPORT ROUTE
MINIMUM AS GANTRY.

PLEASE CONSULT PLANNING GUIDE FOR MANEUVERING TRANSPORTED
GANTRY AND ELEVATOR CLEARANCES.

**TRANSPORTING GANTRY FLOOR LOAD:**
ACCESS FLOORS MUST BE LAID OUT TO SUPPORT A
LOAD MINIMUM 1296 LBS. DURING TRANSPORT OF THE
GANTRY, HIGHER LOADS CAN OCCUR AT INDIVIDUAL POINTS
IF THE FLOOR IS NOT LEVEL. COVER THE TRANSPORT PATH
WITH SHEET METAL TO DISTRIBUTE THE FLOOR LOAD.

**DUAL DETECTORS SYSTEM (YOKES ON):**
GANTRY WITH BOTH YOKES AND ADJUSTABLE
TRANSPORTERS.

THE GANTRY WILL BE SHIPPED WITH THE ROTATE
MOTOR ON, BUT CAN BE REMOVED TO MEET THE
MINIMUM CONFIGURATION.

**TRANSPORT WEIGHTS:**
E.CAM GANTRY  2160 LBS.
PATIENT HANDLING  620 LBS.

**DUAL DETECTORS SYSTEM (YOKES OFF):**
GANTRY WITH NO YOKES AND ADJUSTABLE
TRANSPORTERS.

THE GANTRY WILL BE SHIPPED WITH THE ROTATE
MOTOR ON, BUT CAN BE REMOVED TO MEET THE MINIMUM CONFIGURATION.

**TRANSPORT WEIGHTS:**
E.CAM GANTRY  1515 LBS.
PATIENT HANDLING  620 LBS.

**MINIMUM**

5'-0" MINIMUM

4'-6" MINIMUM

3'-4" MINIMUM

4'-0" MINIMUM