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.
CUTSHEET FOR TYPICAL PAGE        OF  3
TYPICAL ROOM PLAN

SIEMENS MEDICAL SOLUTIONS USA, INC.

FOR REFERENCE ONLY, NOT FOR CONSTRUCTION.

C.C.AM
TYPICAL ROOM PLAN

TYPICAL PLAN

SCALE: 1/8" = 1'-0"

EQUIPMENT LEGEND

<table>
<thead>
<tr>
<th>NO</th>
<th>DESCRIPTION</th>
<th>SMS</th>
<th>SYM</th>
<th>WEIGHT (LBS)</th>
<th>BTU/HR TO AIR</th>
<th>DIMENSIONS (INCHES)</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ELECTRONICS ENCLOSURE (TOWER/GANTRY)</td>
<td></td>
<td></td>
<td>2,649</td>
<td>4,800</td>
<td>W: D: H</td>
<td>ATTACHED TO #6</td>
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<tr>
<td>2</td>
<td>DETECTORS</td>
<td></td>
<td></td>
<td>INCL</td>
<td>INCL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>PATIENT CHAIR</td>
<td></td>
<td></td>
<td>INCL</td>
<td>INCL</td>
<td>66: 62 3/4: 76</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>LAPTOP COMPUTER</td>
<td></td>
<td></td>
<td>INCL</td>
<td>INCL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>E-STOP BUTTON LOCATION</td>
<td></td>
<td></td>
<td>INCL</td>
<td>INCL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>BASE</td>
<td></td>
<td></td>
<td>INCL</td>
<td>32: 76: 5</td>
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</tr>
<tr>
<td>7</td>
<td>CONNECTOR PANEL</td>
<td></td>
<td></td>
<td>INCL</td>
<td>6: 18: 2</td>
<td>CABLE EXIT AREA</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>UPS FOR E.SOF/C.CAM (OPTION)</td>
<td></td>
<td></td>
<td>46</td>
<td>6: 3/4: 17 1/2: 8 1/2</td>
<td>ON FLOOR</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>TVSS FOR UPS FOR E.SOF/C.CAM (OPTION)</td>
<td></td>
<td></td>
<td>11</td>
<td>2 3/4: 2 3/4: 4 1/2</td>
<td>ON TOP OF UPS FOR E.SOF/C.CAM</td>
<td></td>
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<tr>
<td>10</td>
<td>COLLIMATOR CABINET (OPTION)</td>
<td></td>
<td></td>
<td>75</td>
<td>17: 40: 40</td>
<td>ON FLOOR</td>
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<tr>
<td>11</td>
<td>SYMBIANET WORKPLACE CPU (OPTION)</td>
<td></td>
<td></td>
<td>51</td>
<td>8: 21: 17 1/2</td>
<td>ON FLOOR</td>
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</tr>
<tr>
<td>12</td>
<td>SYMBIANET WORKPLACE KEYBOARD AND MONITOR (OPTION)</td>
<td></td>
<td></td>
<td>31</td>
<td>17 3/4: 18 1/8: 17</td>
<td>*STU'S INCL. WITH CPU</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>UPS FOR E.SOF/C.CAM (OPTION)</td>
<td></td>
<td></td>
<td>46</td>
<td>6 3/4: 17 1/2: 8 1/2</td>
<td>ON FLOOR</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>TVSS FOR UPS FOR E.SOF/C.CAM (OPTION)</td>
<td></td>
<td></td>
<td>11</td>
<td>2 3/4: 2 3/4: 4 1/2</td>
<td>ON TOP OF UPS FOR E.SOF/C.CAM</td>
<td></td>
</tr>
</tbody>
</table>
CUTSHEET FOR TYPICAL PAGE OF 3 SPECIFICATIONS

FOR MORE INFORMATION
FOR MORE DETAILED PLANNING REQUIREMENTS FOR THIS SYSTEM, SEE THE TYPICAL FINAL DRAWING SET NUMBER: TYPICAL P03092

FINISHED ROOM HEIGHT
FOR THE C.CAM SYSTEM RECOMMENDED CEILING HEIGHT 9'-0"
MINIMUM CEILING HEIGHT 8'-0"

TO PROVIDE SUFFICIENT SERVICE ACCESS, PERMIT NEMA STANDARD FLOOD TESTING, AND ALLOW FOR PROPER AIR CIRCULATION, THE MINIMUM ALLOWABLE CEILING HEIGHT NEEDS TO BE MET.

REMOTE SYSTEM DIAGNOSTICS
SIEMENS REMOTE SERVICES (SRS) REQUIRES A CONNECTION BETWEEN THE SRS 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.

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 HEREWTH, 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.

ENVIRONMENTAL REQUIREMENTS
TEMPERATURE AND OPERATION:
OPERATING TEMPERATURE SHALL BE 59° TO 86°F. TO AVOID PERMANENT DAMAGE TO THE SCINTILLATION CRYSTAL, TEMPERATURE VARIANCE DURING OPERATION OR STORAGE MUST NOT EXCEED 8°F PER HOUR.
HUMIDITY:
BETWEEN 45% AND 80% NON-CONDENSING, 55% RELATIVE HUMIDITY IS OPTIMUM.

RADIOACTIVE SOURCES
THE FOLLOWING RADIOACTIVE SOURCES ARE REQUIRED AT THE TIME OF DELIVERY FOR CALIBRATION:
3 – 5 mCi Tc-99m AND
1 POINT SOURCE 1 mCi OF Ti-201
(IF SITE HAS A RAM LICENSE)
10 mCi Co-60 (COBALT 60) OR
LIQUID FILLED Tc-99 (TECHNETIUM 99)
SHEET SOURCE MAY BE NEEDED
(BUT NOT REQUIRED) AT THE TIME OF INSTALLATION. SOURCE SHOULD BE NO MORE THAN 4 MONTHS FROM REFERENCE DATE (THE DATE SOURCE WAS FILLED).

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.

POWER REQUIREMENTS
ITEM 1 (R) – 115 VAC +/- 15 VAC SINGLE PHASE, 20 AMPS. DEDICATED OUTLET FOR C.CAM SYSTEM. SYSTEM USES A NEMA 5-15 PLUG.
ITEM 2 (R) – 115 VAC SINGLE PHASE, 20 AMPS. DEDICATED DUPLEX OUTLET FOR ADDITIONAL SIEMENS WORKPLACE COMPUTER.

THESE ITEMS SUPPLIED BY THE CUSTOMER/CONTRACTOR.
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.
FLOOR REQUIREMENTS

1) THE CUSTOMER IS RESPONSIBLE TO HAVE THE FINISHED FLOOR INSPECTED BY A STRUCTURAL ENGINEER AT THE CUSTOMER'S EXPENSE PRIOR TO INSTALLATION TO VERIFY THAT THE PROPOSED CLINICAL ROOM LOCATION AT THE SITE IS CAPABLE OF SUPPORTING THE C.CAM SYSTEM. IN ADDITION, THE ENTIRE EQUIPMENT PATH FROM THE RECEIVING DOCK TO THE CLINICAL ROOM LOCATION FINISHED FLOOR MUST ALSO BE INSPECTED IF THE SITE IS CAPABLE OF SUPPORTING THE C.CAM SYSTEM PRIOR TO INSTALLATION. THIS INCLUDES ALL FREIGHT ELEVATORS, IF APPLICABLE.
2) THE C.CAM SYSTEM MUST BE INSTALLED ON A CEMENT FLOOR WITH AN INDUSTRIAL GRADE ANTI-STATIC TILE. NO CARPET MAY NOT BE USED ON THE FLOOR.
3) THE FLOOR MUST BE LEVEL WITH A MAXIMUM VARIANCE OF 1/2" FROM THE HIGHEST TO THE LOWEST POINT WITHIN THE INSTALLATION AREA.
4) THE CENTER OF THE WEIGHT MOVES AROUND NEAR THE CENTER OF THE C.CAM FRAME.
5) THE SCANNER AND THE PATIENT’S WEIGHT MAXIMUM OF 2700 LBS.
6) THE MAXIMUM PATIENT WEIGHT IS 450 LBS.
7) THE 3 BEAMS UNDER THE FRAME ARE 4"X31.5"=378 SQ IN. SQUARE INCH VALUE IS THEN 2700/378 = 7.1 LBS/SQ IN.

MAXIMUM DISTANCES

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

1) C.CAM BASE TO WALL OUTLET OR UPS (OPTION) CABLE LENGTH 12'-0".
2) UPS (OPTION) TO WALL OUTLET OVERALL CABLE LENGTH 4'-0".

TRANSPORT AND DELIVERY NOTES

THE ENTIRE EQUIPMENT PATH FROM RECEIVING DOCK TO THE SITE C.CAM LOCATION MUST BE VERIFIED TO MEET THE REQUIRED DOORWAY, HALLWAY AND ELEVATOR SIZES BEFORE DELIVERY OF THE C.CAM SYSTEM.

FURTHER BREAKDOWN OF SYSTEM IS POSSIBLE BY DISASSEMBLING BASE. PLEASE CONTACT PLANNER FOR DETAILS. THE CONFIGURATIONS BELOW ARE PREFERRED.

"Y" CONFIGURATION

FOR NARROWER DOORWAYS (2'-10.1/2"), SERVICE MUST CONFIGURE GANTRY TO THE "Y" POSITION ON SITE. A 5'-10" HALLWAY IS REQUIRED.

"S" CONFIGURATION

FOR WIDER DOORWAYS (3'-6"), GANTRY WILL REMAIN (AS SHIPPED) IN THE "S" POSITION. A 5'-1" HALLWAY IS REQUIRED.

TRANSPORT WEIGHTS IN SHIPPING CRATE:

GANTRY WITH DETECTOR AND COLLIMATORS, ACCESSORIES 2,679 LBS.
PATIENT CHAIR 287 LBS.

TRANSPORT WEIGHTS WITHOUT CRATE:

GANTRY WITH DETECTOR AND COLLIMATORS, ACCESSORIES 2,026 LBS.
PATIENT CHAIR 221 LBS.