



REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

SAFETY/SERVICE CLEARANCE PLAN

SCALE: 1/4" = 1'-0"

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 HEREIN, 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.

LIGHTING GUIDELINES

ROOM LIGHTING IS THE RESPONSIBILITY OF THE CUSTOMER. HOWEVER, SIEMENS OFFERS THE FOLLOWING RECOMMENDATIONS, AS A GENERAL GUIDE ONLY, WHEN PLANNING FOR LIGHTING.

- 1) OVERALL GENERAL ILLUMINATION IS NECESSARY FOR CLEAN UP AND MAINTENANCE OF EQUIPMENT. FLUORESCENT LIGHTING IS USUALLY PROVIDED FOR THIS PURPOSE AND SHOULD BE A MINIMUM LEVEL OF 50 FOOT-CANDELES. TO MINIMIZE GLARE AND PROVIDE VISUAL COMFORT, AN INDIRECT LIGHTING SYSTEM SHOULD BE CONSIDERED TOGETHER WITH COLOR IMPROVED FLUORESCENT LAMPS.
- 2) THE GENERAL LIGHTING SHOULD HAVE A MULTI-LEVEL SWITCHING CAPABILITY TO ALLOW FLEXIBILITY OF AMBIENT LIGHTING LEVELS.
- 3) BECAUSE FLUOROSCOPY PROCEDURES ARE NOW PERFORMED WITH IMAGE INTENSIFICATION WITH VISUALIZATION ON A TELEVISION MONITOR, COMPLETE ROOM DARKNESS IS NO LONGER NECESSARY. HOWEVER, IN ORDER TO PERMIT PROPER READINGS OF THE MONITOR, THE ROOM LIGHTING INTENSITY MUST BE CAPABLE OF BEING LOWERED TO BETWEEN 2 TO 5 FOOT-CANDELES. THIS CAN BE USUALLY ACCOMPLISHED BY MEANS OF A FOOT SWITCH.

THE FOOT SWITCH CONTROL ARRANGEMENT IS SUCH THAT, WHEN OPERATED, A SEPARATE LIGHTING SYSTEM FOR FLUOROSCOPY IS TURNED "ON" AND AT THE SAME TIME, THROUGH AN INTERLOCK, THE GENERAL LIGHTING SYSTEM IS TURNED "OFF". IF A VARIABLE LOW LEVEL LIGHTING INTENSITY IS DESIRED BY THE CUSTOMER, THEN A DIMMER CONTROL CAN BE ADDED. IN THIS CASE, INCANDESCENT LIGHTING IS RECOMMENDED FOR THIS PURPOSE. FLUORESCENT DIMMING IS NOT RECOMMENDED.

CEILING NOTES

- 1) ALL CEILING MOUNTED LIGHT FIXTURES, MECHANICAL REGISTERS AND SPRINKLER HEADS SHALL BE FLUSH WITH FINISHED CEILING, SHALL BE OUTSIDE OF ALL HATCHED AREAS, AND SHALL BE SPECIFIED BY THE ARCHITECT OF RECORD AND SUBSEQUENT CONSULTING ENGINEERS.
- 2) THE ACTUAL CEILING DESIGN AND COORDINATION OF LIGHTING AND MECHANICAL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT OF RECORD AND HIS SUBSEQUENT CONSULTING ENGINEERS.
- 3) THE CUSTOMER/CONTRACTOR SHALL BE RESPONSIBLE FOR FABRICATING, SUPPLYING AND INSTALLING ALL LIGHT, MECHANICAL AND STRUCTURAL SUPPORTING SYSTEMS. SIEMENS MEDICAL SYSTEMS, INC. IS ONLY RESPONSIBLE FOR THE SUPPLYING, INSTALLING AND CALIBRATION OF SMC EQUIPMENT AS SPECIFIED ON THE EQUIPMENT SCHEDULE AS SHOWN ON SHEET A-101.
- 4) ALL ELECTRICAL AND STRUCTURAL SYSTEMS SHOWN ON THE REFLECTED CEILING PLAN HAVE BEEN COORDINATED WITH THE EQUIPMENT LOCATIONS AS SHOWN ON THE 1/4" SCALE ARCHITECTURAL EQUIPMENT PLAN (SHEET A-101). ANY CHANGES TO THE SMC EQUIPMENT CONFIGURATION AS SHOWN, DUE TO PLACEMENT OF LIGHTING, STRUCTURAL, ELECTRICAL AND MECHANICAL SYSTEMS, MUST BE APPROVED IN WRITING BY THE SMC PROJECT MANAGER PRIOR TO THE COMPLETION OF CONSTRUCTION DOCUMENTS.

CEILING HEIGHT REQUIREMENT
8 FT. - 11 IN.

ATTENTION:

-THIS DRAWING IS DESIGNED TO CONFORM TO FEATURES AND EQUIPMENT REQUIREMENTS PRESENTED AT THE TIME OF THEIR PREPARATION. SINCE BOTH THESE FACTORS ARE SUBJECT TO DESIGN MODIFICATION, THEY ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES.
-THIS SET OF PLANS REPRESENTS A COMPLETE SET OF DETAILS AND SHOULD NOT BE SEPARATED.

-IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION DOCUMENTS FOR REFERENCE.

-ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES.
-THIS DRAWING DOES NOT PROVIDE PROTECTION REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST TO SPECIFY PROTECTION.

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SIEMENS
MAINE MEDICAL CENTER
22 BRANHALL STREET, PORTLAND, ME 04102
ANGIO EXAM ROOM #3 - B 429 - ARTIS ZEE CEILING

PROJECT #: 1001341
SHEET: A-102

DATE: 08/19/10
DRAWN BY: S. DOUGLAS
CHECKED: S. DOUGLAS

SCALE: AS NOTED
REF: 30141773

ARTIS ZEE CEILING
05/26/10

NOTE: THIS DRAWING WAS NOT PREPARED BY SMRT. IT IS PROVIDED FOR COORDINATION AND REFERENCE PURPOSES ONLY.

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PROJECT NORTH

BRANHALL RADIOLOGY
ANGIO RENOVATIONS
PORTLAND, ME

ISSUED FOR CONSTRUCTION
8.24.10

NO.	DATE	DESCRIPTION
1	02.09.10	RE-ISSUED FOR CONSTRUCTION

GRAPHIC SCALE:
0" 1"

SCALE:
PROJECT MANAGER: DIV
DRAWN BY: DIV
DATE OF RECORD: 09/02-01
PROJECT NO.: 09022-01
DATE: 02.09.10

SHEET TITLE:
VENDOR EQUIPMENT
DRAWINGS SHEET 3

SHEET NO.: Q-003

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION