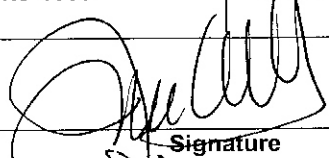


LCLS

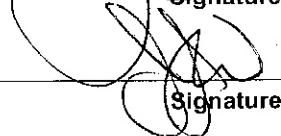
LCLS Room Data Sheet #	1.9-1059	CLOC- Conference Center	Revision 2
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Javier A. Sevilla
Owner / Editor



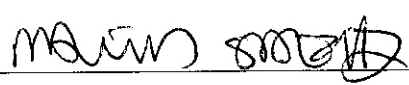
8/18/05
Date

Jim Welch
Conventional Facilities
System Physicist



8/22/05
Date

David Saenz
Conventional Facilities System
Manager



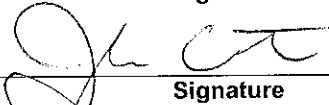
8/19/05
Date

Stefan Moeller
X-R End Stations WBS Manager



8/19/05
Date

John Arthur
Photon Beam System Manager



8-23-05
Date

Darren Marsh
Quality Assurance Manager



8/23/05
Date

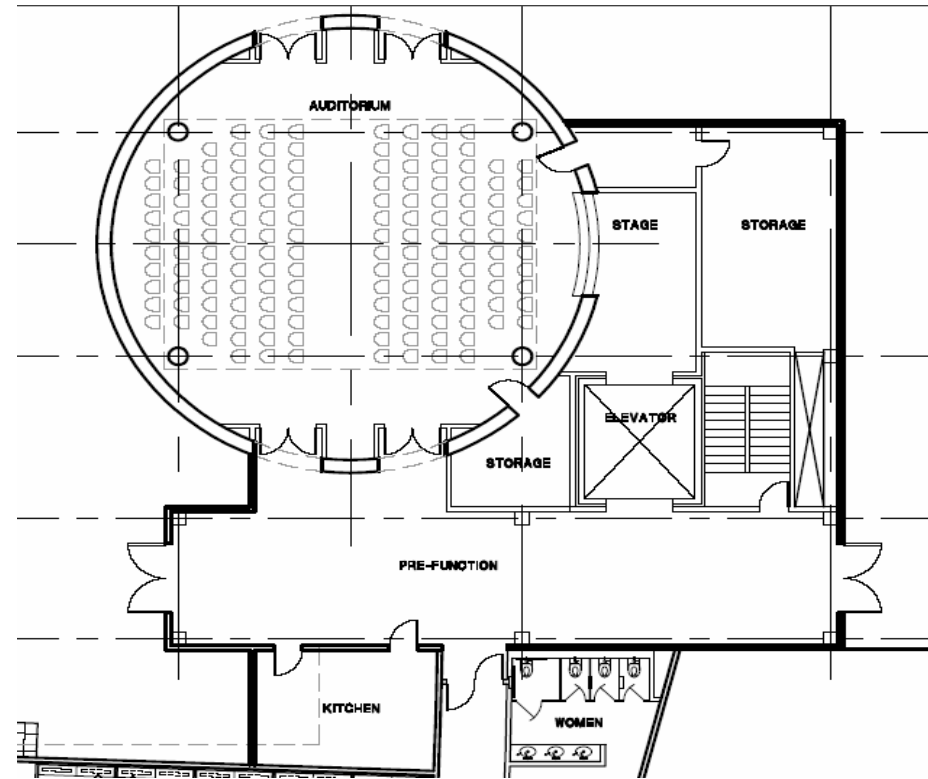
REVISION INFORMATION

Rev 2- Updated floor plan, deleted mechanical humidification, updated Standards and Codes. General corrections
Updated power and data ports requirements

ROOM DATA SHEETS

FACILITY COMPONENT	CONFERENCE CENTER (CLOC) - ROOM DATA SHEET							
	Name of Building	Conference Center						
	Organization or Department	SLAC, Stanford University						
	Net area	124.0 sq. meters 1,330 SF						
	Critical dimensions	<table border="1"> <tr> <td>H:</td> <td>Varies</td> </tr> <tr> <td>W:</td> <td>Varies</td> </tr> <tr> <td>L:</td> <td>Varies</td> </tr> </table>	H:	Varies	W:	Varies	L:	Varies
H:	Varies							
W:	Varies							
L:	Varies							
	Hours of operation	Normal business hours or during special functions						
	Users/Occupancy	The conference center shall generally be operated by CLOC personnel but shall also be used on occasions by the SLAC personnel. Occupancy: 150 Persons Occupancy Group "A-3"						
	Building orientation	Located directly above the NEH and adjacent to the Pre-Function (lobby), Stage, Storage areas and the CLOC first floor.						
FUNCTIONAL OBJECTIVE	Provide assembly and meeting space for large groups of CLOC personnel							
PLANNING CONSIDERATIONS & CRITICAL FACTORS	1- Overall room shall be capable of being sub-divided with accordion partition. Industry standard acoustical planning considerations shall be applied. 2- Provisions for minimum of 150 occupants							
FINISHES	Walls	Painted framed gypsum board assembly, acoustical material as applicable. Provide chair rail (wainscot).						
	Ceiling	Acoustic ceiling panels within a suspended acoustic tile ceiling assembly.						
	Floor	Carpet (heavy traffic)						
	Base	Similar to wainscot						
	Doors	Four pairs of 3'-0" x 7'-0" wood doors (interior) with (1/2 glass), exterior doors to match exterior wall materials						
	Fenestration	Desirable						
	Acoustical	1- Industry standard acoustical planning considerations shall be applied. Excessive white noise is not desired. 2- Sound attenuation within the perimeter framed gypsum board walls.						
APPLICABLE STANDARDS	29 CFR Part 1910 Occupational Safety and Health Standards Dept of Labor, 29 CFR Part 1926 Safety and Health Regulations for Construction Dept of Labor, Uniform Building Code (UBC) 1997 including appendixes, National Electric Code (NEC) 2002, Uniform Mechanical Code (UMC) 2003 including appendixes, Uniform Plumbing Code (UPC) 2003 including appendixes, Uniform Fire Code (UFC) 2003 including appendixes, California Code of Regulations Title 8 Industrial Safety, Title 19 Public Safety, NFPA 70 National Fire Codes, National electrical Safety Code ANSI C2, Occupational Safety and Health Act (OSHA), General Services Administration 41 CFR part 101-19, American with Disabilities Act, Environmental Protection Agency 40 CFR Parts 264 and 265, SLAC Environmental Safety & Health Manual, General Industrial Activities Storm Water Permit (SLAC Permit), NFPA 101 life Safety Code, Title 24-energy Code, DOE standard 10 CFR Part 435, ASHRAE/IES Standards 90.1, NFPA Standard 13 and SLAC Fire Marshal requirements, LCLS Cabling Standard, SLAC LOTO							

Figure No. 1



MECHANICAL REQUIREMENTS	HVAC	<input checked="" type="checkbox"/> Heating system Temp: 70 degrees F +/- 3 degree F	<input type="checkbox"/> Mechanical humidification
		<input checked="" type="checkbox"/> Air conditioning Temp: 74 degrees F +/- 3 degree F	<input type="checkbox"/> Direct exhaust system -
		<input type="checkbox"/> Direct supply	<input type="checkbox"/> Positive pressure system
		<input type="checkbox"/> Indirect supply	<input type="checkbox"/> Negative pressure system
		<input type="checkbox"/> Smoke control system	<input type="checkbox"/> Standard registers
		<input checked="" type="checkbox"/> Temperature sensors connected to SLAC's DDC systems	<input type="checkbox"/> Requirement for gases
		Design of HVAC system to meet a noise criteria: NC < 25	
	Communications	<input checked="" type="checkbox"/> Telephone- 2 phone lines/location-Each subdivided area shall have two locations	<input type="checkbox"/> PA speakers
		<input checked="" type="checkbox"/> Data port- 2 jacks/at two location for each subdivided area	<input type="checkbox"/> PA station
		<input checked="" type="checkbox"/> Payphone (location only)- Outside conference center	<input type="checkbox"/> CCTV camera
		<input checked="" type="checkbox"/> Fire alarm station	<input type="checkbox"/> CCTV monitor
		<input type="checkbox"/> Intercom	
		Comments:	

	Plumbing/Fire Protection	<input type="checkbox"/>	Hot water system	<input checked="" type="checkbox"/>	Electric water cooler	
		<input type="checkbox"/>	Cold water system	<input checked="" type="checkbox"/>	Drinking fountain	
		<input type="checkbox"/>	Tempered water	<input checked="" type="checkbox"/>	Smoke detection system	
					Standard sprinkler heads	
		<input type="checkbox"/>	Floor drain	<input type="checkbox"/>	Eye wash	
		<input type="checkbox"/>	Trench drain	<input type="checkbox"/>		
		Comments:				
ELECTRICAL REQUIREMENTS	Power supply	<input type="checkbox"/>	208 V, 3 phase outlets	<input type="checkbox"/>	Uninterrupted power supply	
		<input checked="" type="checkbox"/>	110V, 1 ph, 20 amps outlets distributed along the walls of the stage area.	<input type="checkbox"/>	Special electric	Type:
		<input type="checkbox"/>	Emergency power			
		Comments:				
	Lighting	<input checked="" type="checkbox"/>	Light fixtures - Recessed 2' x 4' florescent light fixtures	<input type="checkbox"/>	Remote lighting control	
		<input type="checkbox"/>	Fixture type I: Down light	<input checked="" type="checkbox"/>	Light switches-Provide dimming controls	
		<input type="checkbox"/>	Fixture type II: Bollard (exterior)	<input checked="" type="checkbox"/>	Lighting level	FC: Per IES Guidelines
		<input checked="" type="checkbox"/>	Emergency lighting			
		Comments: 1- Utilize standard Illuminating Engineering Society (IES) guidelines 2- Provide parabolic type lighting fixtures. 3- Provide dedicated outlet for overhead projector (at ceiling level) 4- Provide cable for overhead projector				
RADIATION/SEISMIC/VIBRATIONS ISSUES	Comments:					
SPECIAL REQUIREMENTS FOR EQUIPMENT	Comments:					
ENVIRONMENTAL NEEDS						