LCLS

Stanford Linear Accelerator Center
Stanford Synchrotron Radiation Laboratory

LCLS Room Data Sheet #	1.9-1052	Central Lab Office Complex (CLOC) - Conference Rooms	Revision 2

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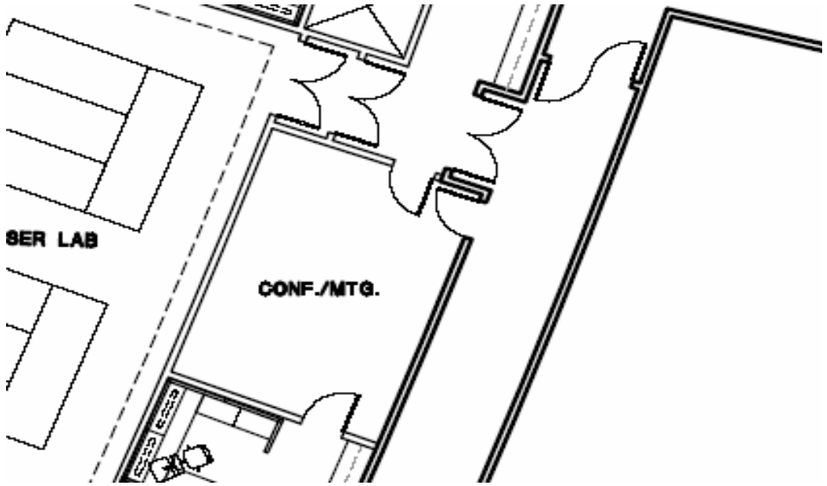
REVISION INFORMATION

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

ROOM DATA SHEETS

FACILITY COMPONENT	CONFERENCE ROOMS (CLOC) - ROOM DATA SHEET			
	Name of Building	Conference Rooms		
	Organization or Department	SLAC, Stanford University		
	Net area	0.0	sq. meters	varies
	Critical dimensions	**H:**		12'-0"
		W:		varies
		L:		varies
	Hours of operation	Facility is locked 24/7/365		
	Users/Occupancy	Workers within the CLOC, potential attendees from other SLAC / Stanford departments or attendees from outside the Stanford campus. Occupancy Group "B"		
	Building orientation	Conference rooms are located throughout the CLOC, always located and accessible from the common circulation routes.		
FUNCTIONAL OBJECTIVE	Provide conveniently located enclosed conference rooms throughout the facility for the departments within in the CLOC.			
PLANNING CONSIDERATIONS & CRITICAL FACTORS	1- Locate rooms at prominent and convenient locations on each floor. 2- Locations of conference rooms shall be similar on each floor. 3- Provide conference rooms located on the exterior with lots of glass, operable windows and sliding glass doors			
FINISHES	Walls	Painted framed gypsum board assembly		
	Ceiling	Acoustic ceiling panels within a suspended acoustic tile ceiling assembly.		
	Floor	Carpet		
	Base	Rubber base		
	Doors	NA		
	Fenestration	When conference rooms are located adjacent to the exterior window, the lower window unit shall be operable.		
	Acoustical	1- Typical office decibel level required. 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 Constructions 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			

VIEWS & SCHEMATICS (N. T. S.)	Figure No. 1



9.11 LIST OF CONFERENCE ROOM FIXTURES & EQUIPMENT		Equipment		Watts/Voltage		Nos.
		Furnished by SLAC				
	Other	Equipment		Watts/Voltage		Nos.

MECHANICAL REQUIREMENTS	**HVAC**	☒	Heating system	Temp: 70 degrees F± 3 degree F	☐	Mechanical humidification
		☒	Air conditioning	Temp: 74 degrees F± 3 degree F	☐	Direct exhaust system - for laser table experiment enclosures only.
		☐	Direct supply		☐	Positive pressure system
		☐	Indirect supply		☐	Negative pressure system
		☐	Smoke control system		☐	Standard registers
		☒	Temperature sensors connected to SLAC's DDC systems		☐	Requirement for gases
	Communications	☒	Telephone- 2 phone lines/location-see comments		☐	PA speakers
		☒	Dataport- 2 jacks/location-see comments		☐	PA station
		☐	Payphone		☐	CCTV camera
		☒	Fire alarm station		☐	CCTV monitor
		☐	Intercom			
		1. Provide floor mouted data port outlets (minimum) of eight- Locate in the center of the conference room				
	Plumbing/Fire Protection	☐	Hot water system		☐	Electric watercooler
		☐	Cold water system		☐	Drinking fountain
		☐	Tempered water		☒	Smoke detection system
		☐	Waste drain		☒	Standard sprinkler heads
		☐	Floor drain		☐	Eye wash / Safety shower
		☐	Trench drain			
		Comments: electric watercooler shall be located in common space conveniently located on the floor level, one per floor				

ELECTRICAL REQUIREMENTS	**Power supply**	☐	208V 3ph outlets	☐	Uninterrupted power supply	
		☒	110V 1ph outlets	☒	Special electric	Type:
		☐	Emergency power			
		Comments:				
	Lighting	☒	Light fixtures - 2 x 4 recessed florescent	☐	Remote lighting control	
		☐	Fixture type I: Downlight	☒	Light switches- See comments	
		☐	Fixture type II: Bollard (exterior)	☒	Lighting level	FC: **typ.Conference Room**
		☒	Emergency lighting			
		Comments: 1- Utilize standard Illuminating Engineering Society (IES) guidelines 2- Provide parabolic type lighting fixtures. 3- Provide at least two quad outlets on the floor (center of room) for future conference table. 4-Provide dedicated outlet for overhead projector (at ceiling level) 5. Provide cable for overhead projector				
RADIATION/SEISMIC/VIBRATIONS ISSUES	**Comments:** 1- All equipment and systems are to be seismically braced and restrained per Code.					
SPECIAL REQUIREMENTS FOR EQUIPMENT	**Comments:**					

CHEMICALS / GASES	CHEMICALS			SPECIALTY GASES		
	#	Chemical Type	Quantity	#	Gas Type	Quantity
ENVIRONMENTAL NEEDS						