



LCLS Room Data Sheet #	1.9-1047	Central Lab Office Complex - Computer Network Support & ESH Pod	Revision 2
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8/12/05

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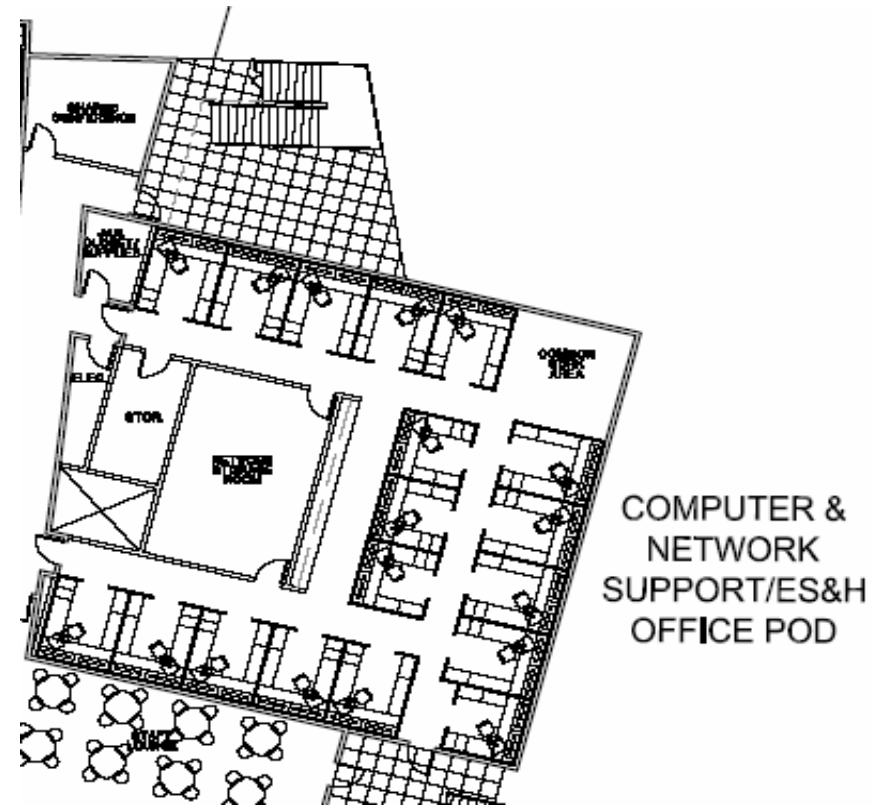
Date

REVISION INFORMATION

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

ROOM DATA SHEETS

FACILITY COMPONENT		CLOC COMPUTER/NETWORK SUPPORT & ESH POD - ROOM DATA SHEET										
		Name of Building	Computer/Network Support & ESH Pod									
		Organization or Department	SLAC, Stanford University -									
		Net area	195.0 sq. meters 2100sf									
		Critical dimensions	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">H:</td> <td style="width: 40%;"></td> <td style="width: 30%;">12'-0"</td> </tr> <tr> <td>W:</td> <td></td> <td>varies</td> </tr> <tr> <td>L:</td> <td></td> <td>varies</td> </tr> </table>	H:		12'-0"	W:		varies	L:		varies
H:		12'-0"										
W:		varies										
L:		varies										
		Hours of operation	Normal business hours									
		Users/Occupancy	Workers within the CLOC that are assigned private "systems-furniture" cubicle workstations. Occupancy Group "B"									
		Building orientation	Network/ESH Pod pod is located on the Nouttheast corner of the second floor.									
FUNCTIONAL OBJECTIVE		Provide conveniently located office space with maximum flexibility for employees working in the CLOC.										
PLANNING CONSIDERATIONS & CRITICAL FACTORS		1 - Office space in the Computer Network/ESH pod shall consist of (14) 8'x10' systems furniture workstations and (4) 8'x8' systems furniture workstations. Provide one ~ 400 sf Network Storage room.										
FINISHES		Walls	Painted framed gypsum board assembly (color: white)									
		Ceiling	Acoustic ceiling panels within a suspended acoustic tile ceiling assembly.									
		Floor	Carpet									
		Base	Rubber base									
		Doors	NA									
		Fenestration	When cubicle are located adjacent to the exterior window, the lower window unit shall be operable.									
		Acoustical	Typical office decibel level required NC less 35 Excessive white noise is not desired.									
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 Marshall requirements, LCLS Cabling Standard, SLAC LOTO										



MECHANICAL REQUIREMENTS	HVAC	<input checked="" type="checkbox"/> Heating system <small>Temp: 70 degrees F ± 3 degree F</small>	<input type="checkbox"/> Mechanical humidification
		<input checked="" type="checkbox"/> Air conditioning <small>Temp: 74 degrees F ± 3 degree F</small>	<input type="checkbox"/> Direct exhaust system - for laser table experiment enclosures only.
		<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
	Communications	<input checked="" type="checkbox"/> Telephone- 2 phone lines/location-	<input type="checkbox"/> PA speakers
		<input checked="" type="checkbox"/> Dataport- 2 jacks/location-	<input type="checkbox"/> PA station
		<input type="checkbox"/> Payphone	<input type="checkbox"/> CCTV camera
		<input checked="" type="checkbox"/> Fire alarm station	<input type="checkbox"/> CCTV monitor
		<input type="checkbox"/> Intercom	

	Plumbing/Fire Protection	<input type="checkbox"/> Hot water system	<input type="checkbox"/> Electric watercooler			
		<input type="checkbox"/> Cold water system	<input type="checkbox"/> Drinking fountain			
		<input type="checkbox"/> Tempered water	<input checked="" type="checkbox"/> Smoke detection system			
		<input type="checkbox"/> Waste drain	<input checked="" type="checkbox"/> Wet Sprinkler System			
		<input type="checkbox"/> Floor drain	<input type="checkbox"/> Eye wash / Safety shower			
		<input type="checkbox"/> Trench drain				
	Comments: Electric watercooler shall be located in common space conveniently located on the floor level, one per floor					
ELECTRICAL REQUIREMENTS	Power supply	<input type="checkbox"/> 208 volts, 3 ph outlets	<input type="checkbox"/> Uninterrupted power supply			
		<input checked="" type="checkbox"/> 110V 1ph, 20 amps outlets	<input type="checkbox"/> Special electric Type:			
		<input type="checkbox"/> Emergency power				
	Comments:					
	Lighting	<input checked="" type="checkbox"/> Light fixtures - 2 x 4 recessed florescent	<input type="checkbox"/> Remote lighting control			
		<input type="checkbox"/> Fixture type I: Downlight	<input checked="" type="checkbox"/> Light switches			
		<input type="checkbox"/> Fixture type II: Bollard (exterior)	<input checked="" type="checkbox"/> Lighting level FC: typ. office			
		<input checked="" type="checkbox"/> Emergency lighting				
	Comments: 1- Utilize standard Illuminating Engineering Society (IES) guidelines					
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						