



LCLS Room Data Sheet #	1.9-1046	Central Lab Office Complex - SSRL Office Pod	Revision 2
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Date

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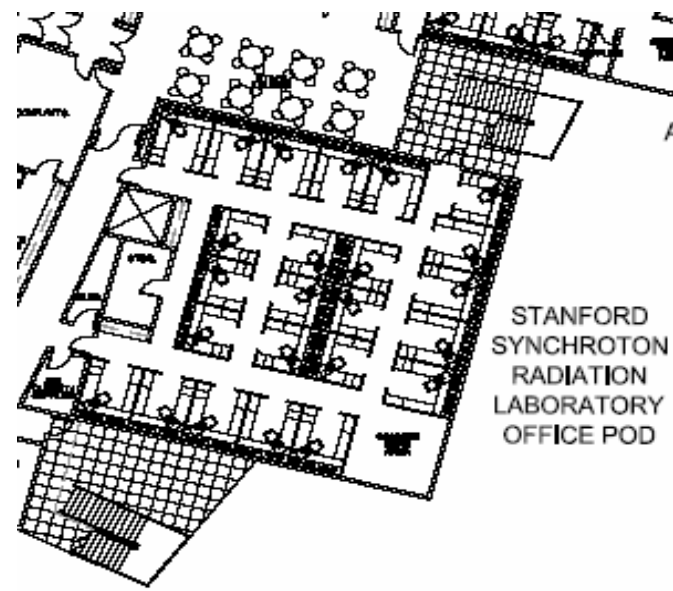
REVISION INFORMATION

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

ROOM DATA SHEETS

FACILITY COMPONENT	CLOC SSRL OFFICE POD - ROOM DATA SHEET																										
	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Name of Building</td> <td colspan="2">SSRL Office Pod-CLOC</td> </tr> <tr> <td>Organization or Department</td> <td colspan="2">SLAC, Stanford University -</td> </tr> <tr> <td>Net area</td> <td>195.0 sq. meters</td> <td>2100sf</td> </tr> <tr> <td rowspan="3">Critical dimensions</td> <td>H:</td> <td>varies</td> </tr> <tr> <td>W:</td> <td>varies</td> </tr> <tr> <td>L:</td> <td>varies</td> </tr> <tr> <td>Hours of operation</td> <td colspan="2">Normal business hours</td> </tr> <tr> <td>Users/Occupancy</td> <td colspan="2">Workers within the CLOC that are assigned private "systems-furniture" cubicle workstations. Occupancy Group "B"</td> </tr> <tr> <td>Building orientation</td> <td colspan="2">SSRL pod is located on the Southeast corner of the second floor.</td> </tr> </table>		Name of Building	SSRL Office Pod-CLOC		Organization or Department	SLAC, Stanford University -		Net area	195.0 sq. meters	2100sf	Critical dimensions	H:	varies	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	SSRL pod is located on the Southeast corner of the second floor.	
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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 SSRL pod shall consist of (14) 8'x10' systems furniture workstations and (10) 8'x8' systems furniture workstations																										
FINISHES	Walls	Utilize systems furniture																									
	Ceiling	Exposed																									
	Floor	Carpet																									
	Base	none																									
	Doors	may use barn doors																									
	Fenestration	none																									
	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 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



STANFORD
SYNCHROTON
RADIATION
LABORATORY
OFFICE POD

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 - 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			
<p>Comments: Electric watercooler shall be located in common space conveniently located on the floor level, one per floor</p>						

ELECTRICAL REQUIREMENTS	Power supply	<input type="checkbox"/> 208Volts, 3ph outlets	<input type="checkbox"/> Uninterrupted power supply			
		<input checked="" type="checkbox"/> 110V 1ph outlets , 20 amps	<input type="checkbox"/> Special electric Type:			
		<input type="checkbox"/> Emergency power				
		Comments:				
	Lighting	<input checked="" type="checkbox"/> Light fixtures - 2 x 4 recessed florescent lighting.	<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 SLAC Seismic Standards					
SPECIAL REQUIREMENTS FOR EQUIPMENT	Comments:					
CHEMICALS / GASES	CHEMICALS		SPECIALTY GASES			
	#	Chemical Type	Quantity	#	Gas Type	Quantity
ENVIRONMENTAL NEEDS						