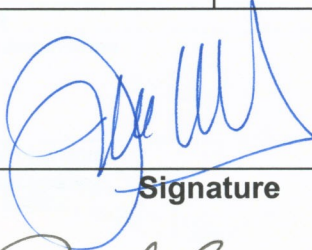


<b>LCLS Room Data Sheet #</b>	<b>1.9-1029</b>	<b>Near Experimental Hall - Storage Room B</b>	<b>Revision 2</b>
-------------------------------	-----------------	--	-------------------

Javier A. Sevilla  
Owner / Editor



Signature

8/11/05

Date

Jim Welch

Conventional Facilities System Physicist



Signature

8/12/05

Date

David Saenz  
Conventional Facilities System  
Manager




Signature

8/11/05

Date

Stefan Moeller  
X-R Endstations WBS Manager



Signature

8/12/05

Date

John Arthur  
Photon Beam System Manager



Signature

8-12-05

Date

Darren Marsh  
Quality Assurance Manager



Signature

8/12/05

Date

**REVISION INFORMATION**

Rev. 2 general corrections, updated applicable Standards and Codes

**ROOM DATA SHEETS**

System Manager: Stefan Moeller/John Arthur

FACILITY COMPONENT	STORAGE ROOM - B (NEH) ROOM DATA SHEET										
	<b>Name of Building</b>	Storage Room -B (NEH)									
	<b>Organization or Department</b>	SLAC, Stanford University									
	<b>Net area</b>	81.1 sq. meters 873									
	<b>Critical dimensions</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><b>H:</b></td> <td style="width: 40%;">3.7</td> <td style="width: 30%;">12'-0"</td> </tr> <tr> <td><b>W:</b></td> <td>Irregular shape</td> <td>23'-0"</td> </tr> <tr> <td><b>L:</b></td> <td></td> <td>43'-0"</td> </tr> </table>	<b>H:</b>	3.7	12'-0"	<b>W:</b>	Irregular shape	23'-0"	<b>L:</b>		43'-0"
<b>H:</b>	3.7	12'-0"									
<b>W:</b>	Irregular shape	23'-0"									
<b>L:</b>		43'-0"									
	<b>Hours of operation</b>	Open during regular business hours									
	<b>Users/Occupancy</b>	Area will be use to store all type of equipment and materials to be use in the Facility. Occupancy per Code									
	<b>Building orientation</b>	Store room is located directly adjacent to the Receiving Area on the NEH basement level.									
<b>FUNCTIONAL OBJECTIVE</b>	A room with shelving and racks to store material and equipment to be use in the Facility.										
<b>PLANNING CONSIDERATIONS &amp; CRITICAL FACTORS</b>	Access door (roll up type) shall be large enough (10 wide) to allow storage of large items that are deliver to the receiving area.										
<b>FINISHES</b>	Walls	Painted gypsum board wall assembly									
	Ceiling	Exposed painted reinforced concrete, painted surface									
	Floor	Epoxy floor coating									
	Base	Rubber base or epoxy floor coating turned vertically providing an intergral base / floor.									
	Doors	1- One 3'x7' man door with small window. 2.12ft wide by 10ft high coiling equipment access door.									
	Fenestration	NA									
	Acoustical	NA									
<b>APPLICABLE STANDARDS</b>	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) 1997 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, 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, DOE standard 10 CFR Part 435, ASHRAE/IES Standards 90.1, NFPA Standard 13 and SLAC Fire Marshal requirements, LCLS Cabling Standard, SLAC LOTO										



	<b>Plumbing/Fire Protection</b>	<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"/> Standard sprinkler heads
		<input type="checkbox"/> Floor drain	<input type="checkbox"/> Eye wash / Safety shower
		<input type="checkbox"/> Trench drain	
	<b>Comments:</b>		
<b>ELECTRICAL REQUIREMENTS</b>	<b>Power supply</b>	<input type="checkbox"/> 208V 1ph outlets	<input type="checkbox"/> Uninterrupted power supply
		<input checked="" type="checkbox"/> 110V 1ph outlets -see note	<input type="checkbox"/> Special electric
		Emergency power	Type:
	<b>Comments:</b> 1- Provide double duplex, 120 volts, outlets every 10 feet along perimeter walls. 2. All conduits are surface mounted.		
	<b>Lighting</b>	<input checked="" type="checkbox"/> Light fixtures - pendant suspended florescent shop lighting with protective cage.	<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)	Lighting level
		<input checked="" type="checkbox"/> Emergency lighting	FC: 50
	<b>Comments:</b>		
<b>RADIATION/SEISMIC/VIBRATIONS ISSUES</b>	<b>Comments:</b> 1- All equipment (HVAC, cable trays, panels, etc) and systems are to be seismically braced and restrained per SLAC's Seismic Standards and Code.		
<b>SPECIAL REQUIREMENTS FOR EQUIPMENT</b>	<b>Comments:</b>		
<b>CHEMICALS / GASES</b>	<b>CHEMICALS</b>		<b>SPECIALTY GASES</b>
	#	Chemical Type	#
		Quantity	Gas Type
			Quantity
<b>ENVIRONMENTAL NEEDS</b>			