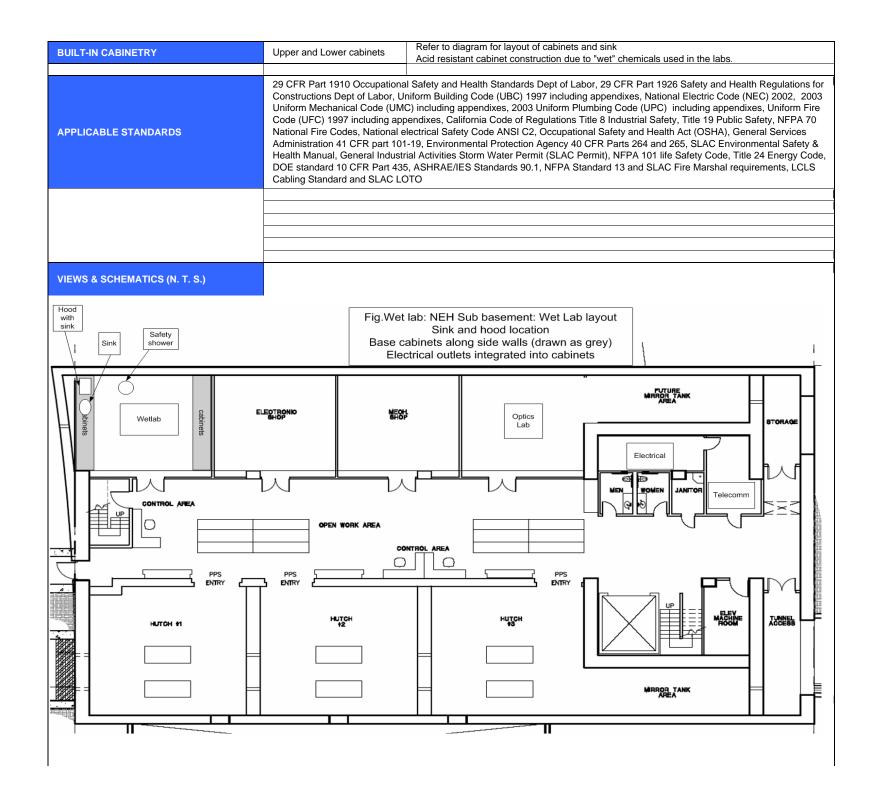


REVISION INFORMATION

Rev 2. Change 110 v, 20 A, added layout, clarifications about light switching for cabinets, include cabinets

RDS 1.9-1021-R2 Near Experimental Hall WET LAB

ROOM DATA SHEETS	System Manager: Stefan Moeller	/John Arthur	-	Rev 2		
FACILITY COMPONENT	WET LAB (NEH) - F	OOM DATA SHEET				
	Name of Building		NEH- Wet Lab			
	Organization or Department		SLAC, Stanford University			
	Net area		60.7	sq. meters	653 sf	
	Critical dimensions		H:	3.04m	10'-0"	
			W:	8.2 m	26'-11"	
			L:	7.4 m	24'-4"	
	Hours of operation		Normal business hours Laboratory reseachers utilizing wet chemistries in support of experiments being conducted in the X-ray hutches. Wet lab is located on the sub-basement level directly adjacer the Open Work area.			
	Users/Occupancy					
	Building orientation					
FUNCTIONAL OBJECTIVE				experiments being conducted in the X-F	ay Hutches.	
PLANNING CONSIDERATIONS & CRITICAL FACTORS	 Wet lab will have one 4'-0" Fume hood connected to process exhaust ducts Types and amounts of chemicals in use and in storage within the wet lab are below the threshold amount allowed by Code. Provide with built-in cabinets as indicated on the layout 					
FINISHES	Wall	Concrete and gypsum wall bo	oard -Painte	ed (semi-gloss finish)		
	Ceiling	Mylar wrapped acoustic tile panels within suspended ceiling assembly.				
	Floor	Concrete with epoxy finish				
	Base	Rubber base				
	Doors	Pair of doors with window- 3'-0" x7'-0" and card reader access				
	Fenestrations	NA				
	Acoustical	NA				



IECHANICAL REQUIREMENTS	HVAC	Χ	Heating system	Temp:		Mechanical humidification
		X	Air conditioning	Temp: 72 degrees F <u>+</u> 2 degree F	X	Direct exhaust system - Fume Hood only.
			Direct supply	·		Positive pressure system
			Indirect supply		⊠	Negative pressure system-Slightly
			Smoke control system			Standard registers
		X	Temperature sensors connec DDC systems	ted to		Requirement for gases
		Cl	entralized Mechanical Utilities ean dry compressed air 20S CF ovide with shut-off valve and ga cation-See diagram			
	Communications	×	Telephone- 2 phone/location- see diagram			PA speakers
		X	Dataport- 2 outlet/location-see	e diagram		PA station
			Payphone			CCTV camera
		X	Fire alarm station			CCTV monitor
			Intercom			
		Comments:				

PlumbingFire Protection Protection Electric watercooler Protection Cold water system Difficing fourtain Wate drain - acid resistant Difficing fourtain Wate drain - acid resistant Wet sprinkler System Vet sprinkler System Difficing fourtain Vet sprinkler System Vet sprinkler System Special electric <										
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