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1/27/2017 4:18:50 PM

LAB EQUIPMENT SCHEDULE_LEVEL-4																										
EQUIPMENT ITEM				Count	Mounting Location *	DIMENSIONS			ELECTRICAL			PLUMBING				MECHANICAL				New (N) / Existing (E)	Existing Location	Furnished & Installed by **	Remarks			
Equipment Number	Description	Manufacturer	Model			Floor Offset	Front	Side	Height	Volts	Emergency Power	Amps	Data	Phase	Walls	Floor Drain	Potable Water	DI Water	Gas					Vacuum	Carbon Dioxide	Nitrogen
472 CHEM LAB - GENERAL																										
08.15.02	Balance	Denver Instruments	TR-64	1	B	2'-10"	10"	1'-1"	1'-1"	110														E	10	
08.15.03	Balance	Fisher	ALF4030	1	B	2'-10"	9"	1'-1"	5"	110		0.1			13									E	10	
08.15.04	Balance	Denver Instruments	TR-6030	1	B	2'-10"	10"	1'-3"	4"	110		0.8			88									E	10	
08.15.05	Balance	Denver Instruments	PI-20316	1	B	2'-10"	10"	1'-4"	5"	110		0.1			21									E	10	
08.15.06	Balance	Fisher	ALF1202	1	B	2'-10"	1'-2"	9"	1'-1"	120		0.1			14									E	10	
08.15.07	Analytical Balance	Mettler	AG 245	1	B	2'-10"	10"	1'-1"	1'-1"	110		0.0			7									E	10	
08.15.08	Analytical Balance	Mettler Toledo	AL54	2	B	2'-10"	9"	1'-1"	1'-2"	100		0.3			10									N		
08.15.09A	Spectrophotometers	Thermo Fisher	Genesys 20	8	S	0"	1'-0"	1'-1"	7"	120														N		
08.15.09B	Spectrophotometers	Thermo Fisher	Genesys 20	4	S	0"	1'-0"	1'-1"	7"	120														E	10	
08.15.10	Drying-Oven	Blue Line	OV-12A	1	B	2'-10"	2'-0"	2'-0"	1'-6"	110		6			660									E	10	
08.15.11	pHmeter	Mettler	MP220 and AGA8035	10	S	0"	1'-0"	1'-0"	6"	110		0.3			33									E	10	
08.15.12	Conductivity meter	fisher	15077977	4	S	0"	6"	1'-0"	4"	9 DC														E	10	
08.15.13A	Hot plates	fisher	PC220	4	S	0"	6"	4"	4"	120		2.6			313									N		
08.15.13B	Hot plates	fisher	PC220	4	S	0"	6"	4"	4"	120		2.6			313									E	10	
08.15.14	Printer	HP	CP2025	1	B	2'-10"	1'-4"	1'-7"	1'-0"	120		6			720									E	10	
44																										
475 LAB WASTE - CHEM																										
08.20A.01	Flammable Liquid Storage Cabinet- Vented	Justrite	894520	1	F	0"	3'-7"	1'-6"	5'-5"															N		
08.20A.02	Acid Storage Cabinet	Justrite	894522	1	F	0"	3'-7"	1'-6"	5'-5"															N		
2																										
478 CHEM LAB PREP																										
08.14.01	Refrigerator Deli Type	Lab fridge (midco)	LF-S24C	1	F	0"	2'-4	1'-6"	6'-7"	115		4.1		1										N		
08.14.04	Glasswasher UC	Labconco	SteamScrubber (4578020)	1	F	0"	2'-0	2'-3"	2'-8"	115		16			X	X	X							N		
08.14.05	Top Loading Balance	Ohaus	AV53	1	B	2'-10"	8"	10"	6"	110		-												N		
08.14.06	Analytical Balance	Mettler Toledo	AL54	1	B	2'-10"	9"	1'-1"	1'-2"	100		0.3			10									N		
08.14.08	DI water			1	W	3'-6"	2'-0"	8"	2'-0"							X								N		
5																										
480 CHEM LAB - ORGANIC																										
08.16.02	Analytical Balance	Mettler Toledo	AL54	4	B	2'-10"	9"	1'-1"	1'-2"	100		0.3			10									N		
4																										
483 CHEM LAB - RESEARCH																										
08.27.02	Flamm-Storage UC (repl w cawk)			1		0"	3'-0"	2'-0"	2'-8"																	
08.27.03	Acid-Storage UC (repl w cawk)			1		0"	3'-0"	2'-0"	2'-8"																	
08.27.04	Photoreactor	Ace Glass	7836-20	1	B	2'-10"	2'-8"	1'-8"	3'-0"	120		3.8			450									E	10	NEEDS WATER SOURCE
08.27.05	Analytical Balance	Mettler Toledo	AL54	2	B	2'-10"	9"	1'-1"	1'-2"	100		0.3			10									N		
5																										
488 CHEM LAB - ANALYT / INORGANIC																										
08.12.02	Analytical Balance	Mettler Toledo	AL54	4	B	2'-10"	9"	1'-1"	1'-2"	100		0.3			10									N		
4																										
489 CHEM INSTR. LAB																										
08.13.04	NMR	Nanalysis	NMR Ready 60e	1	B	2'-10"	1'-0"	11"	1'-8"	100														N		
08.13.05	Spectrophotometer UV-Vis-NIR	Perkin Elmer	Lambda 750	1	B	2'-10"	3'-5"	2'-3"	11"	110														E	10	
08.13.06	Spectrophotometer FTIR	Perkin Elmer	Paragon 500	1	B	2'-10"	2'-8"	3'-0"	1'-8"	110														E	10	
08.13.07	Spectrophotometer UV-Vis	Perkin Elmer	Lambda Bio Rad 10	1	B	2'-10"	2'-11"	1'-10"	9"	110														E	10	
08.13.08	Fluorimeter	ISS	PC1	1	B	2'-10"	3'-5"	3'-0"	1'-0"	120														E	200K	associated with number 12 sn 14
08.13.09	Mass-Spec	Thermo	LCQ Classic	1	B	2'-10"	8'-0"	2'-4"	3'-0"	110												X		E	10	
08.13.10	FTIR-CPU	Dell		1	B	2'-10"	1'-9"	1'-7"	2'-2"	110					250									E	10	
08.13.11	UV-Vis-NIR CPU	lenovo		1	B	2'-10"	7"	1'-5"	1'-9"	110					250									E	10	
08.13.12	Fluorimeter-CPU	Dell		1	B	2'-10"	7"	1'-8"	1'-4"	110					250									E	200K	runs number 8
08.13.13	Printer	hp	desk jet 842 C	1	B	2'-10"	1'-3"	1'-7"	8"	110		1			110									E	10	
08.13.14	Fluorimeter ozone-trap	Newport	66087	1	B	2'-10"	1'-1"	1'-0"	1'-7"	110												X		E	200K	exhausts number 8
08.13.15	HPLC	X-Per Chrom	1400	1	B	2'-10"	1'-2"	1'-6"	1'-6"	110		20												E	10	
12																										
491 CHEM LAB PHYSICAL																										
08.17.02	Analytical Balance	Mettler Toledo	AL54	2	B	2'-10"	9"	1'-1"	1'-2"	100		0.3			10									N		
2																										

GENERAL NOTES: 1) ALL THE EQUIPMENT IS "OF" U.N.O.	LEGEND: * MOUNTING LOCATION: B: Benchtop U: Undercounter F: Floor W: Wall C: Ceiling S: Storage ** FURNISHED & INSTALLED BY: CFCI: Contractor Furnishes a Contractor Installed OFCl: Owner Furnishes Contractor Installed OFOI: Owner Furnished Owner Installed

1	ASI-048	27 JAN 2017
-	ISSUED FOR CONSTRUCTION (BP3)	15 MAR 2016
No.	Description	Date

Drawing Title:	
EQUIPMENT LIST LEVEL-04	
Project No.: 04561.01	Checked by:
A1104	
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