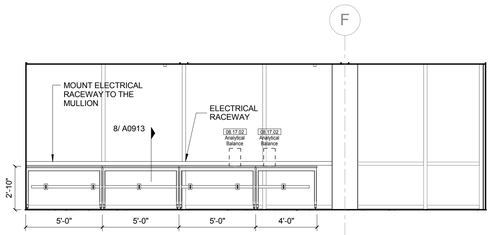
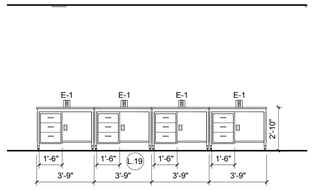
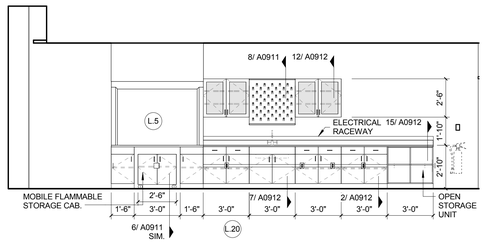


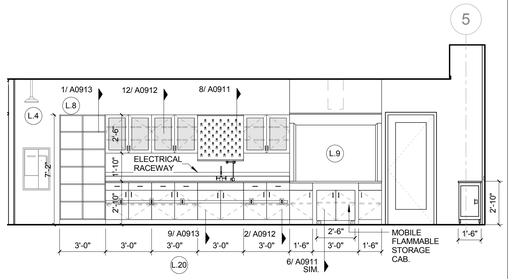
11 L04 PHYSICAL CHEMISTRY LAB - WEST
1/4" = 1'-0"



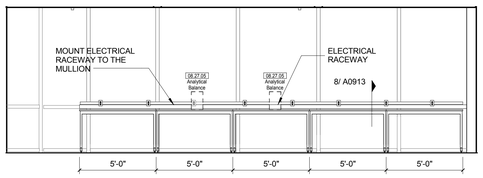
10 L04 PHYSICAL CHEMISTRY STUDENT
1/4" = 1'-0"



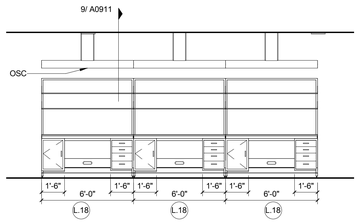
9 L04 PHYSICAL CHEMISTRY LAB - N
1/4" = 1'-0"



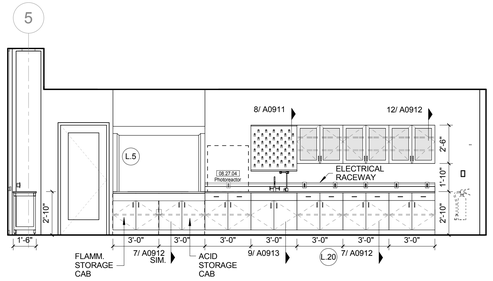
8 L04 PHYSICAL CHEMISTRY LAB - SOUTH
1/4" = 1'-0"



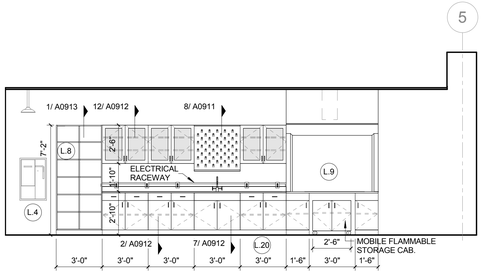
7 L04 CHEMISTRY RESEARCH - WEST
1/4" = 1'-0" REF 1 / A0208



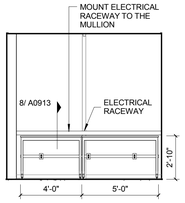
6 L04 CHEMISTRY RESEARCH - BENCH
1/4" = 1'-0"



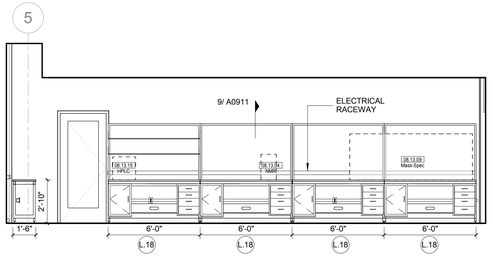
5 L04 CHEMISTRY RESEARCH - NORTH
1/4" = 1'-0"



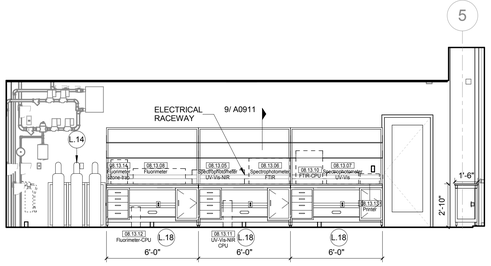
4 L04 CHEMISTRY RESEARCH - SOUTH
1/4" = 1'-0"



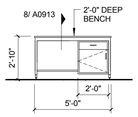
3 L04 INSTRUMENT LAB 8.13 WEST
1/4" = 1'-0"



2 L04 INSTRUMENT LAB 8.13 NORTH
1/4" = 1'-0"



1 L04 INSTRUMENT LAB 8.13 SOUTH
1/4" = 1'-0"



12 TYPICAL TEACHING BENCH
1/4" = 1'-0"

LAB KEYED NOTE LEGEND

L.1	WRITABLE AND PROJECTABLE SURFACE, DIMENSIONS AS NOTED
L.2	RECESSED, CEILING MOUNTED PROJECTION SCREEN
L.3	WALL MOUNTED PROJECTOR ABOVE
L.4	EMERGENCY SAFETY SHOWER WITH EYEWASH.
L.5	115313 CHEMICAL FUME HOOD W/ STORAGE BELOW. TYPICAL FUME HOOD TO HAVE ELECTRIC AND UTILITIES AS INDICATED.
L.7	WOOD LAB CASEWORK MICROSCOPE CAB
L.8	WOOD LAB CASEWORK: TALL CABINET WITH OPEN CUBBIES FOR BOOK BAG STORAGE.
L.9	11 5313 CHEMICAL FUME HOOD - ACCESSIBLE - WITH MOBILE STORAGE BELOW, WHERE SHOWN. TYPICAL FUME HOOD TO HAVE ELECTRIC, AND UTILITIES AS INDICATED.
L.11	CABS BELOW WHITEBOARD
L.12	CAMERA FOR SKYPE INTERVIEW
L.14	GAS CYLINDER STORAGE RACK (CFCI), CYLINDERS TO BE "OFOI".
L.15	RECESSED MOTORIZED ROOM DARKENING / BLACKOUT SHADES. USE DOUBLE SHADES AT WEST CLASSROOMS LEVEL 02 AND LECTURE HALL. REFER TO REFLECTED CEILING PLANS
L.16	LCD MONITOR
L.18	MOBILE LABORATORY CASEWORK SYSTEM. SEE DETAIL 09/A0911.
L.19	MOVEABLE WOOD LABORATORY CASEWORK: TABLE WITH MODIFIED EPOXY COUNTERTOP, CABINETS SUSPENDED BELOW AS INDICATED.
L.20	FIXED WOOD LABORATORY CASEWORK: BASE CABINETS, MODIFIED EPOXY COUNTERTOP, WALL CABINETS AS SHOWN ON ELEVATION
L.21	SEE CEILING PLAN FOR CEILING MOUNTED UNISTRUT SYSTEM SUPPORTED BY STRUCTURE ABOVE
L.22	8" DEEP x 6" WIDE TRENCH WITH METAL COVER TO RECIEVE FLOOR FINISH TO MATCH ADJACENT FLOOR
L.23	FLOOR BOX FOR ELECTRICAL & DATA
L.24	09 6666 DRY ERASE FINISH (AWC-1)
L.25	PROVIDE BLOCKING FOR FIRE EXTINGUISHER, MOUNTING HEIGHT - 3'-0" TO TOP OF EXTINGUISHER. FIRE EXTINGUISHER & ITS BRACKET BY OWNER.
L.26	POINT EXHAUST (SNORKEL) FOR SOLDERING. SEE DETAIL 5/ A0913.

LAB UTILITY LEGEND

CW	WATER COLD WATER FAUCET, DECK MOUNTED GOOSENECK WITH SERRATED NOZZLE, VACUUM BREAKER.
W-1	WATER GENERAL MIXING FAUCET, DECK MOUNTED WITH VACUUM BREAKER, SERRATED NOZZLE.
DI	WATER DI WATER FAUCET DECK MOUNTED.
PWS	WATER PROCESS COLD WATER SUPPLY.
PWR	WATER PROCESS COLD WATER RETURN.
EW	WATER EYEWASH, DECK MOUNTED, AUTOFLOW SWING-DOWN.
DH	WATER DRENCH HOSE.
G	GAS FUME HOOD CONTROL
V	VAC FUME HOOD CONTROL
V-3	VAC WALL MOUNTED, SINGLE SERRATED OUTLET
V-1	VAC TURRET BASE, SINGLE SERRATED OUTLET
V-4	VAC OUTLET FOR BIOSAFETY CABINET CONNECTIONS
V-5	VAC QUICK DISCONNECT FOR OVERHEAD SERVICE CARRIER
A	AIR FUME HOOD CONTROL
A-1	AIR TURRET BASE, SINGLE SERRATED OUTLET
A-3	AIR WALL MOUNTED, SINGLE SERRATED OUTLET
A-4	AIR OUTLET FOR BIOSAFETY CABINET CONNECTIONS
A-5	AIR QUICK DISCONNECT FOR OVERHEAD SERVICE CARRIER
N	NITROGEN FUMEHOOD CONTROL
E	ELEC. DUPLEX OUTLET (GFI) ON FUME HOOD
E-1	ELEC. COUNTERTOP MOUNTED PEDESTAL, (1) DUPLEX ELECTRICAL OUTLET.
E-2	ELEC. COUNTERTOP MOUNTED PEDESTAL, (2) DUPLEX ELECTRICAL OUTLET.
E-3	ELEC. WALL MOUNTED, (1) DUPLEX ELECTRICAL OUTLET.
E-5	ELEC. DUPLEX ELECTRICAL OUTLET ON OVERHEAD SERVICE CARRIER.
E-6	ELEC. DUPLEX ELECTRICAL OUTLET ON TABLE APRON
D	DATA DATA OUTLET
D-1	DATA COUNTERTOP MOUNTED PEDESTAL, (2) DATA OUTLETS
D-5	DATA DATA OUTLET ON OVERHEAD SERVICE CARRIER
D-6	DATA DATA OUTLET ON TABLE APRON
CS	CUP SINK LIPPED MODIFIED EPOXY CUP SINK, 9"Lx3"W OVAL (DROP-IN).
S-1	SINK LIPPED MODIFIED EPOXY SINK, 25"Lx15"Wx10"D (DROP-IN).
S-2	SINK LIPPED MODIFIED EPOXY ADA SINK 25"Lx15"Wx5"D (DROP-IN).
S-3	SINK STAINLESS STEEL SINK 25"Lx15"Wx10"D (DROP-IN).
S-4	SINK STAINLESS STEEL ADA SINK 25"Lx15"Wx5"D (DROP-IN).
S-5	SINK LIPPED MODIFIED EPOXY ADA SINK 18"Lx15"Wx5"D (DROP-IN).
S-6	SINK LIPPED MODIFIED EPOXY SINK, 36"Lx15"Wx10"D (DROP-IN).
OSC	OVERHEAD SERVICE CARRIER. SEE DETAIL 10 / A0913.
PTD	PAPER TOWEL DISPENSER

CHEMICAL FUME HOOD LEGEND

CFH-4 4'-0" WIDE CHEMICAL FUME HOOD
CFH-6 6'-0" WIDE CHEMICAL FUME HOOD

LAB GENERAL NOTES

1. ALL DIMENSIONS ARE TO GWB FACE PARTITION OR COLUMN CENTER LINE U.N.O.
2. OWNER FURNISHED OWNER INSTALLED (OFOI) ITEMS ARE SHOWN DASHED FOR REFERENCE ONLY. COORDINATE SIZE AND INSTALLATION REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
3. CENTER ALL DRYING RACKS WITH DRIP STOP TROUGHS ABOUT CENTERLINE OF SINKS, U.N.O.
4. ALL APRONS AT OPEN KNEE SPACE TO BE 4" U N.O. PROVIDE APRON OF SOLID WOOD WITH EASED BOTTOM EDGE. FINISH TO MATCH VENEER SPECIES. MAINTAIN MINIMUM 27" CLEAR ABOVE FLOOR FINISH.
5. CENTER ALL COUNTERTOP MOUNTED UTILITY OUTLETS ON CENTER OF CASEWORK U.N.O.
6. ALL SURFACE MOUNTED RACEWAY TO HAVE OUTLETS AT 2'-0" O.C. AND SHALL BE MOUNTED DIRECTLY ABOVE BACKSPLASH U.N.O.
7. ALL BACKSPLASHES TO BE 4" HIGH U.N.O.
8. DASHED LINES ON ELEVATIONS INDICATED ADJUSTABLE SHELVING INSIDE CASEWORK.
9. **PROVIDE FINISHED BACK PANEL AT KNEE SPACES BELOW ALL FUMEHOODS, TYPICAL. SIMILAR TO DETAIL**
10. PROVIDE FINISHED BACK PANEL AT ALL KNEE SPACES, TYPICAL.
11. PROVIDE LOCK AND KEY WHERE A CIRCLE NEXT TO DRAWER OR DOOR HANDLE IS SHOWN OR WHERE NOTED.
12. REFER SHEETS A091x FOR LABORATORY CASEWORK / MILLWORK DETAILS.
13. FOR TYPICAL MOUNTING HEIGHTS REF. 1/A0911
14. ALL CASEWORK TO BE WOOD U.N.O.
15. ALL CASEWORK IS LABORATORY CASEWORK UNLESS NOTED AS MILLWORK OR OFOI. SEE DIVISION "12 3553 - LABORATORY CASEWORK" FOR SPECIFICATIONS.
16. ALL EQUIPMENT ITEMS HAVE A EQUIPMENT TAG - XX.XX.XX. SEE SHEETS A11xx FOR EQUIPMENT SCHEDULES.
17. PROVIDE PAPER TOWEL DISPENSER (PTD) AT EACH SINK LOCATION.

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Drawing Title:

INTERIOR LAB ELEVATIONS LEVEL 04

Project No.: 04561.01 Checked by:

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