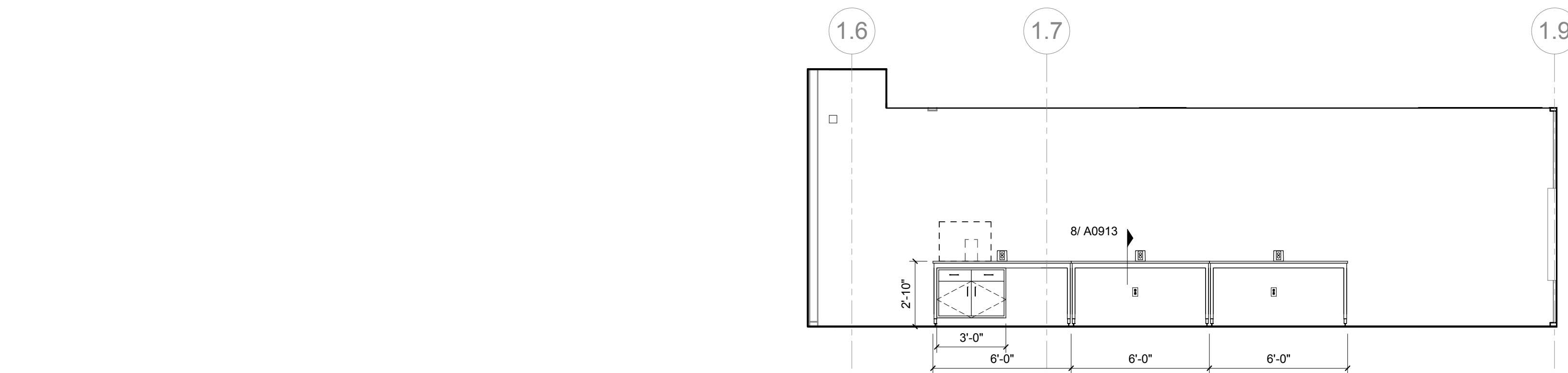
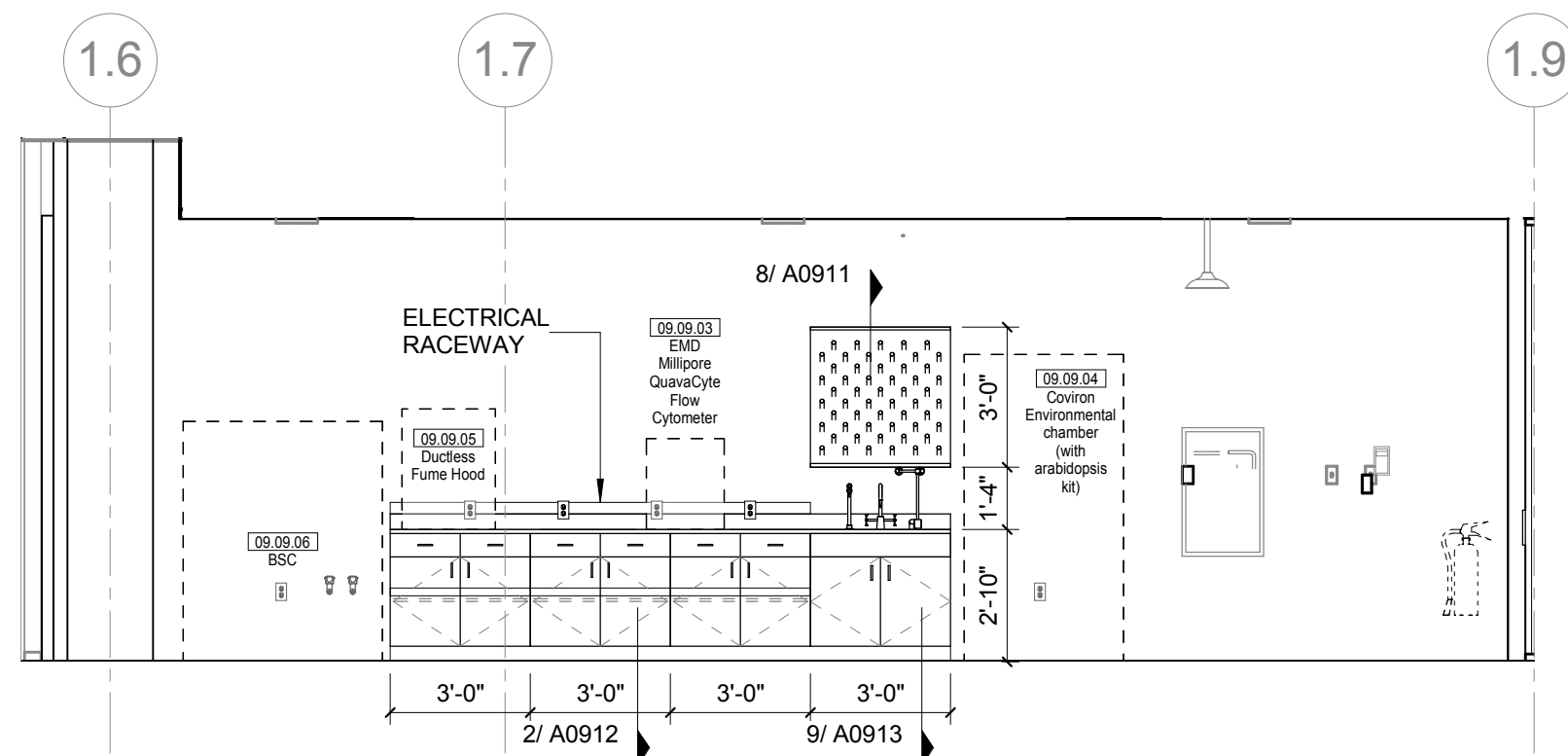
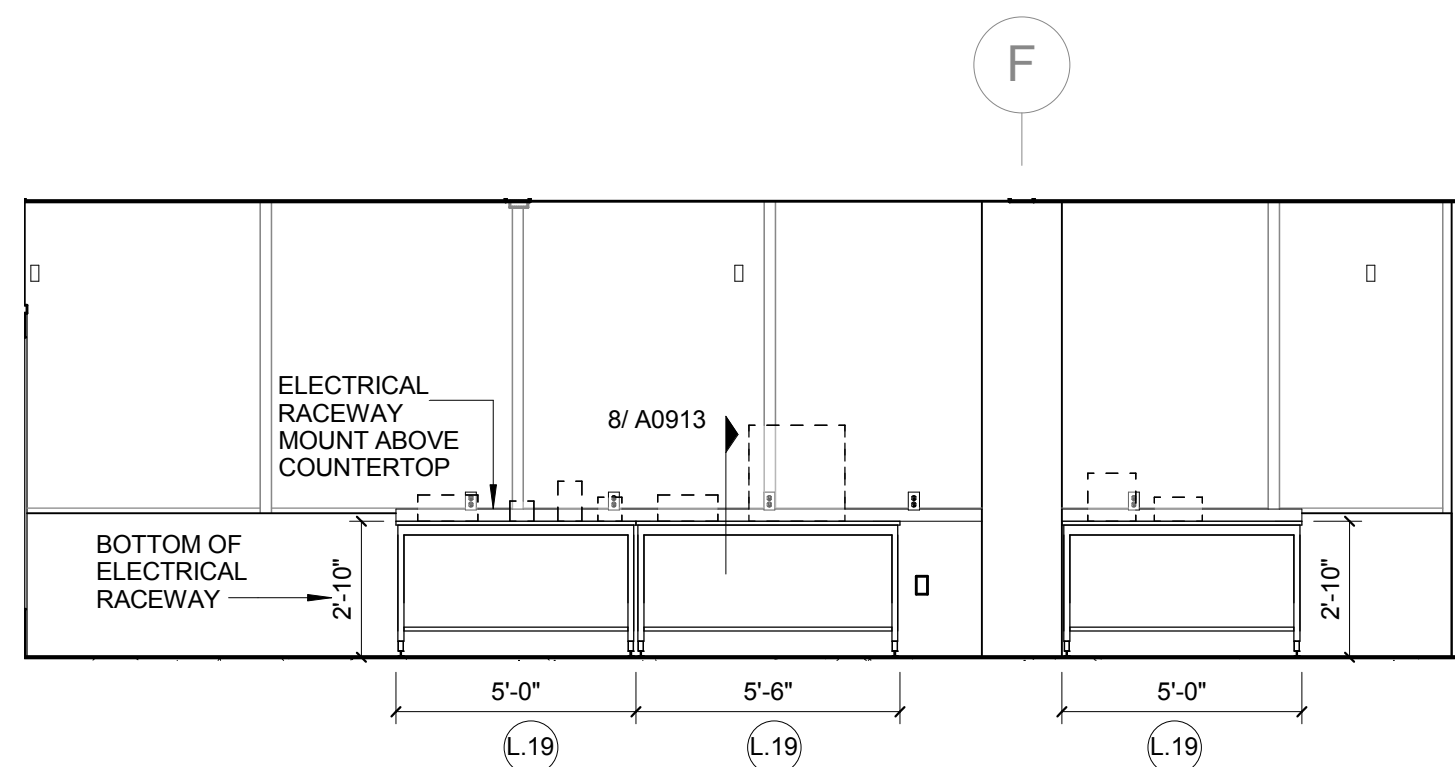




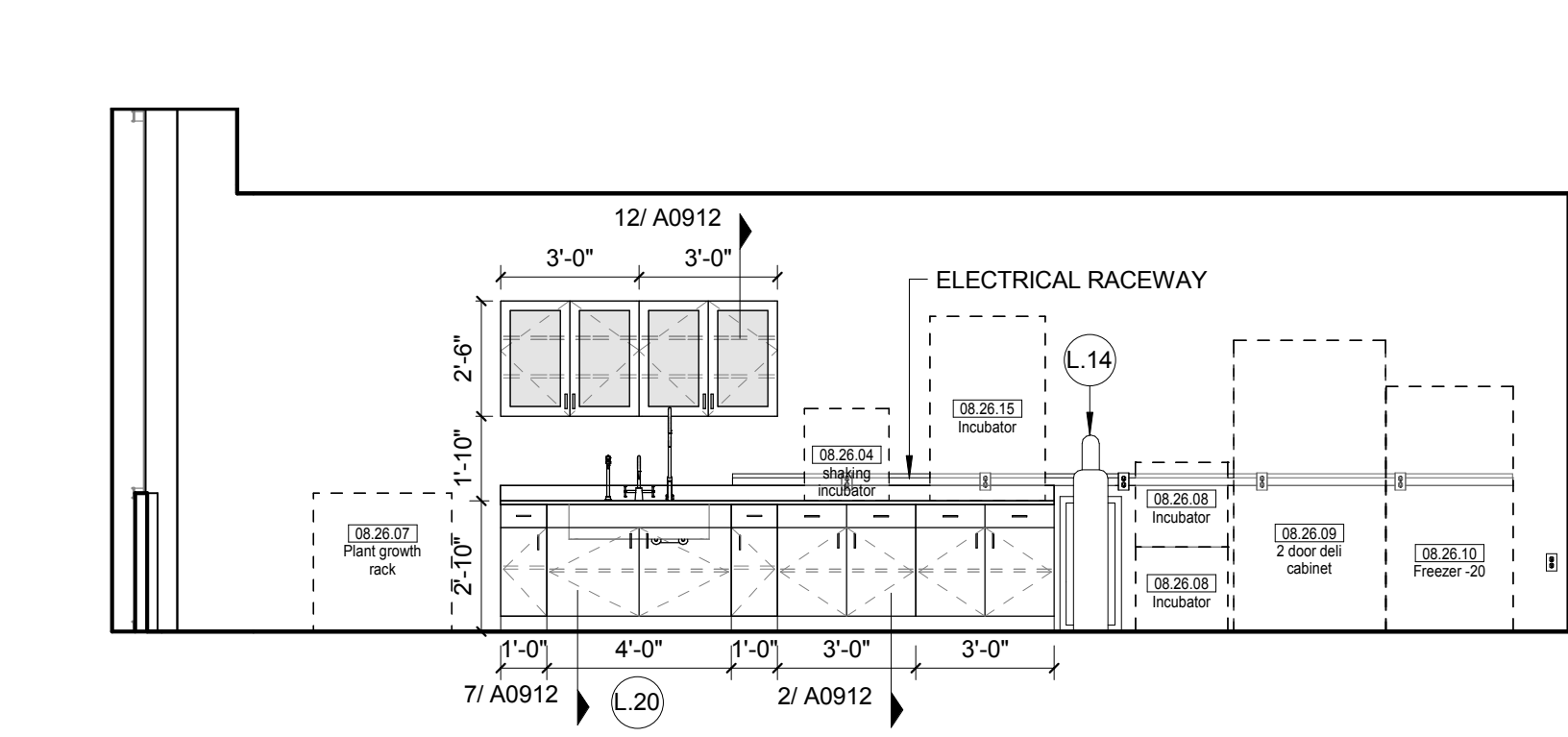
17 L02 OPEN RESEARCH LAB - TABLES - NORTH & SOUTH ELEVATION
1/4" = 1'-0"



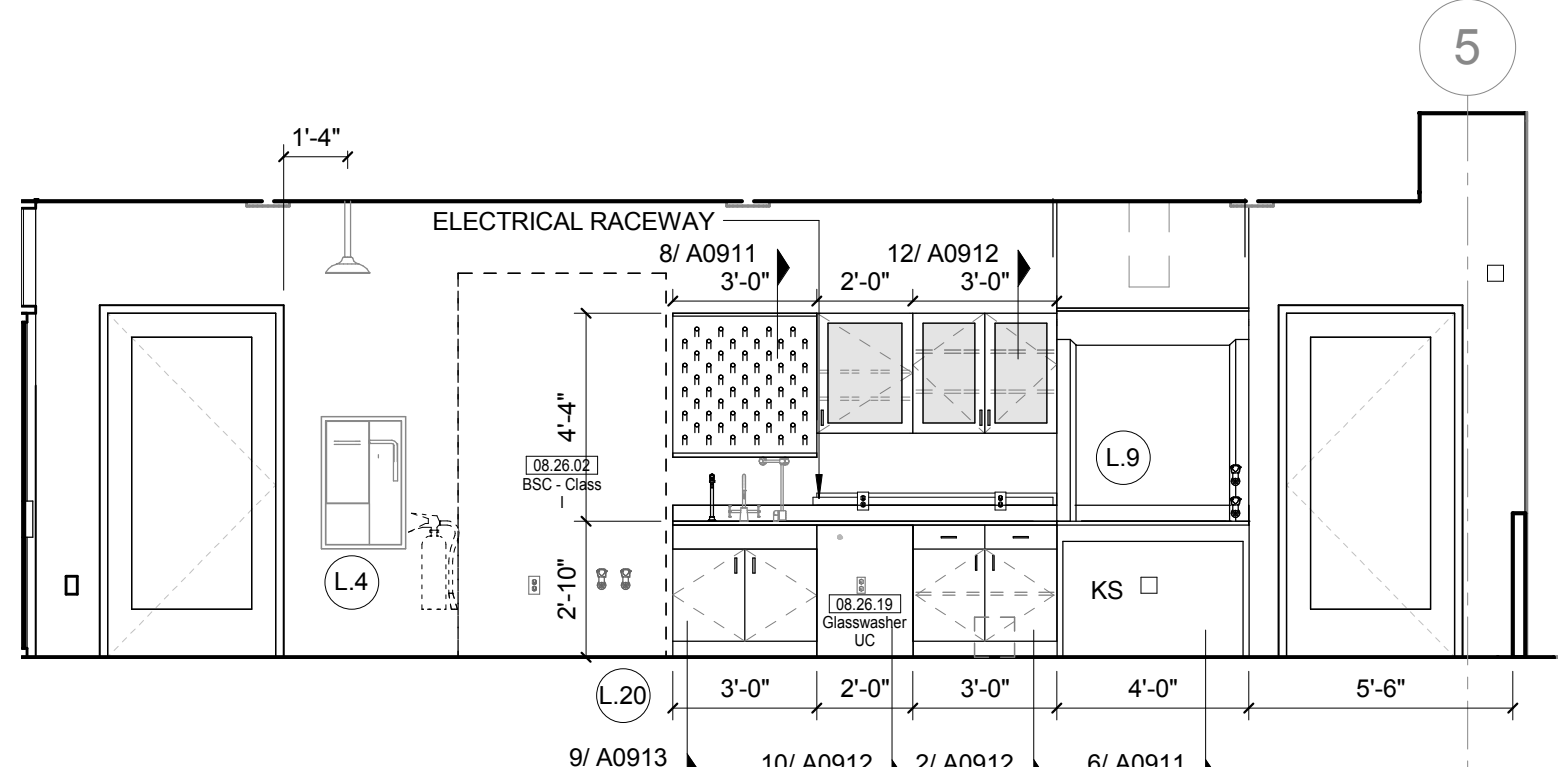
16 L02 OPEN RESEARCH LAB - NORTH
1/4" = 1'-0"



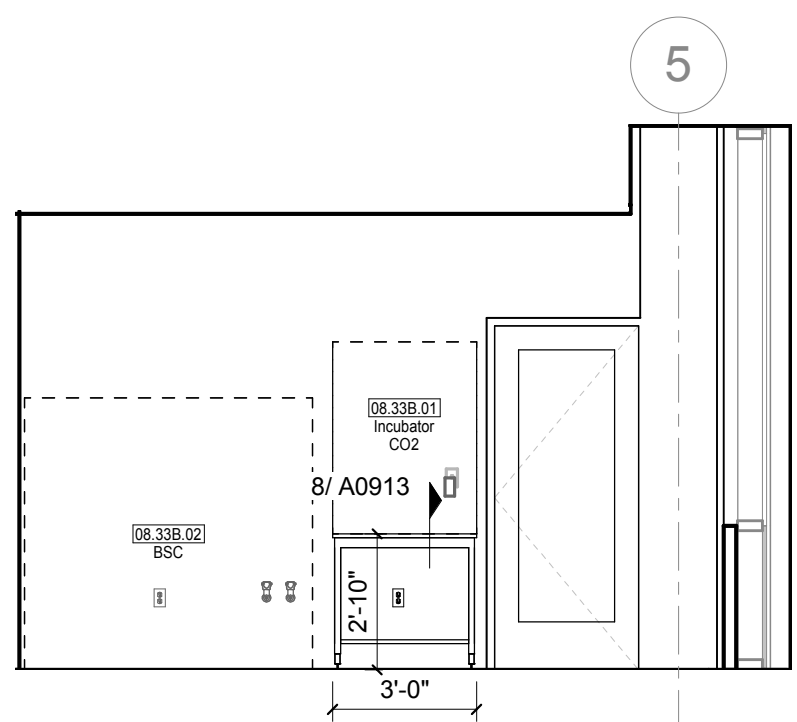
11 L02W CELL BIO AND PHYSICS RESEARCH - WEST
1/4" = 1'-0" REF 1 / A0204



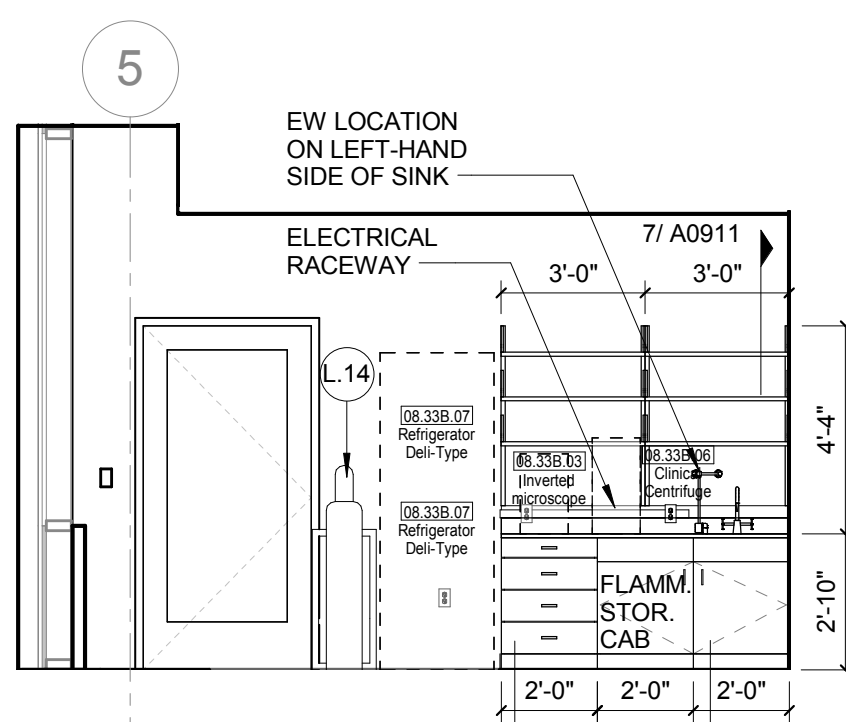
10 L02 CELL BIO AND PHYS RESEARCH - NORTH
1/4" = 1'-0"



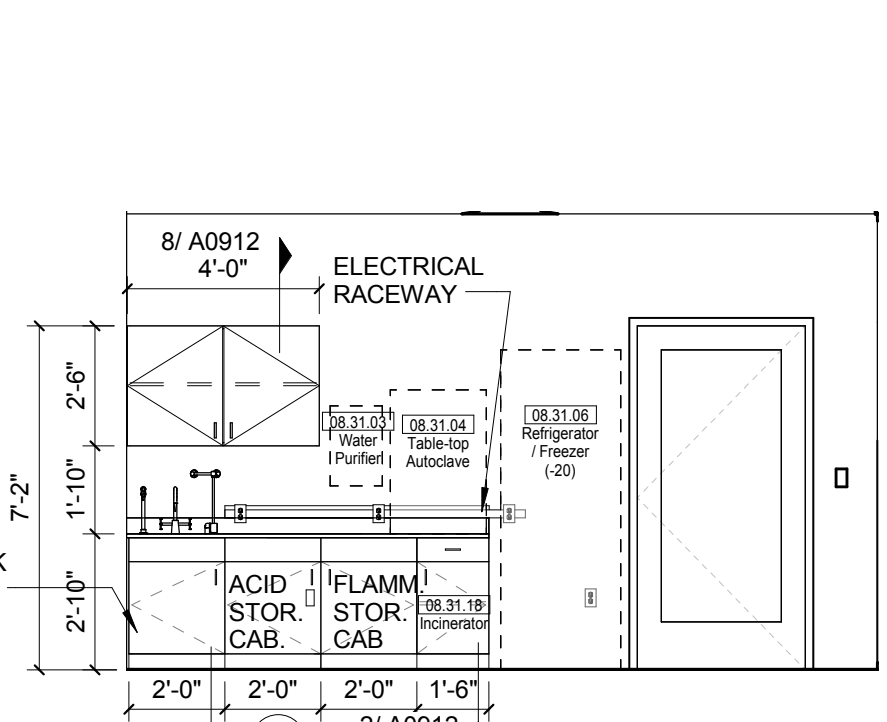
9 L02 CELL BIO / PHYSIO RESEARCH - SOUTH
1/4" = 1'-0"



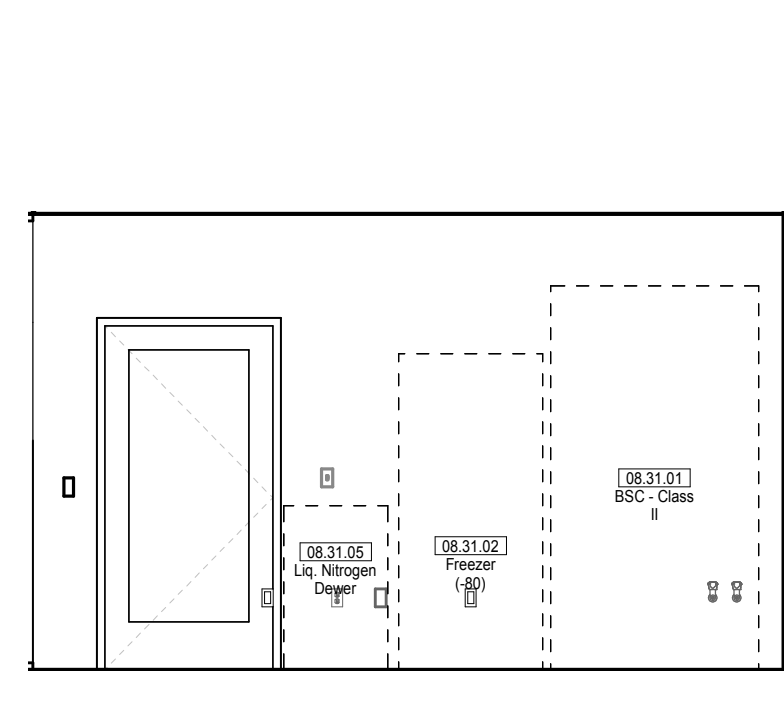
8 L02 TISSUE CULTURE - SOUTH
1/4" = 1'-0"



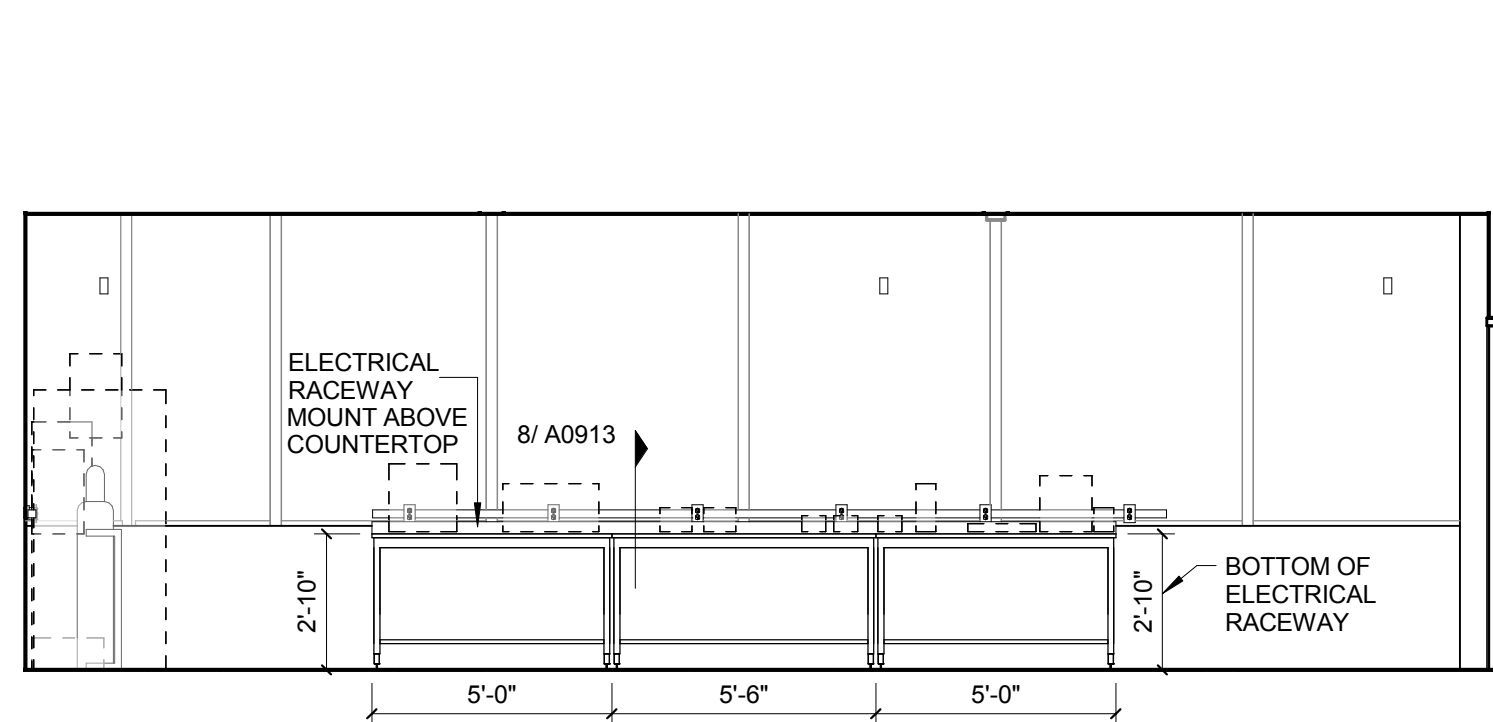
7 L02 TISSUE CULTURE - NORTH
1/4" = 1'-0"



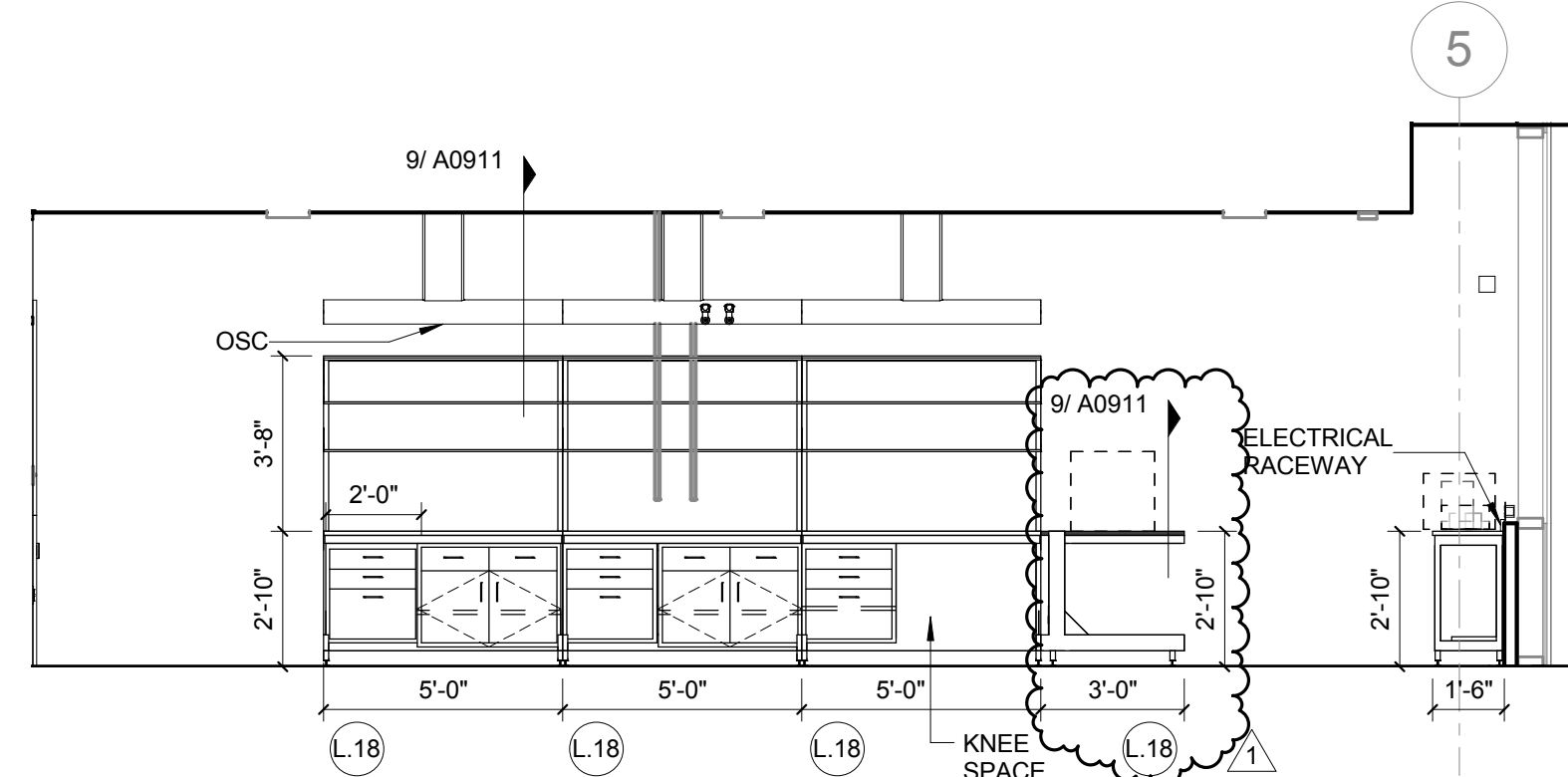
6 L02 MICROBIO PREP AND TC - NORTH
1/4" = 1'-0"



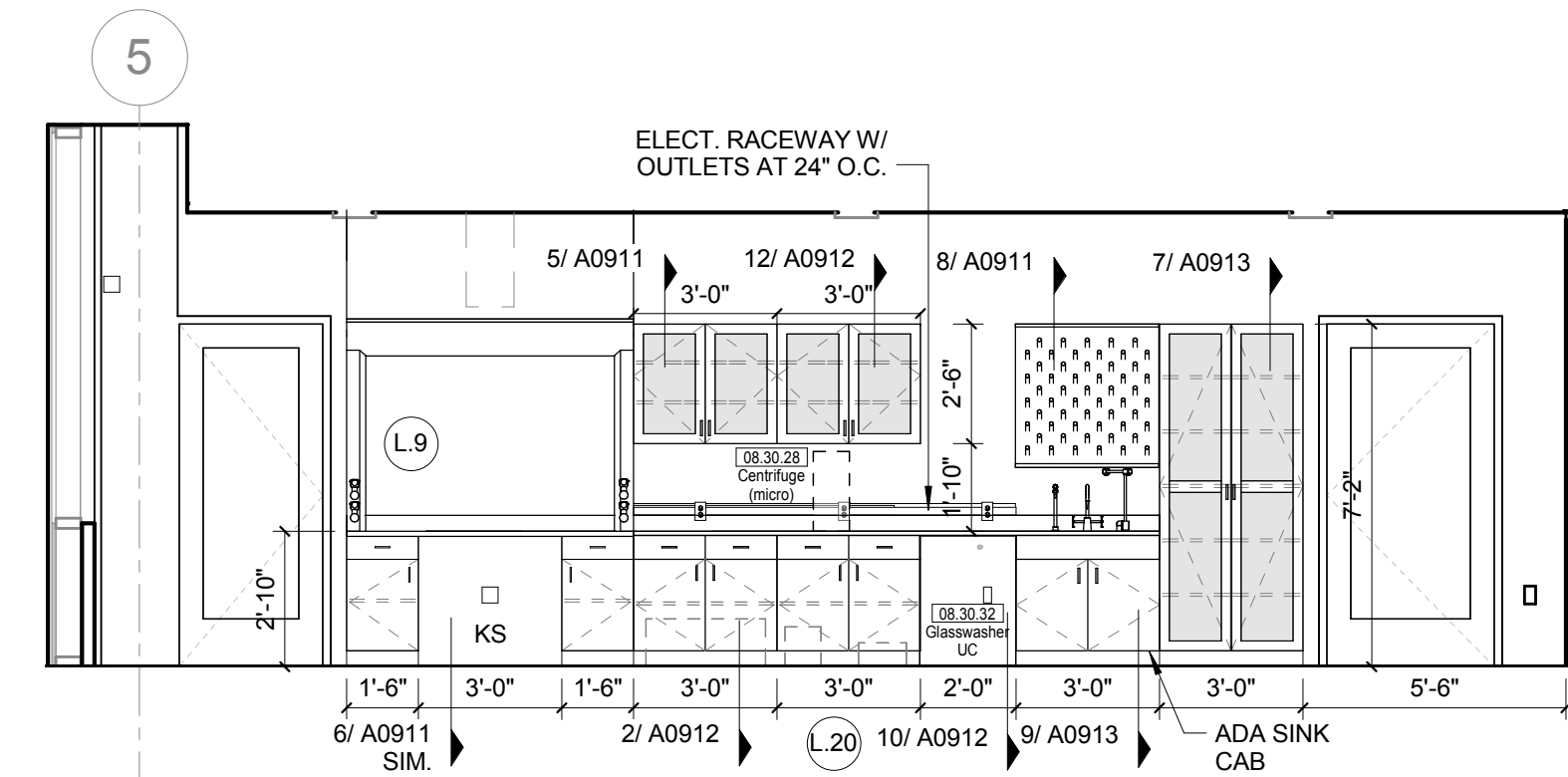
5 L02 MICROBIO PREP AND TC - SOUTH
1/4" = 1'-0"



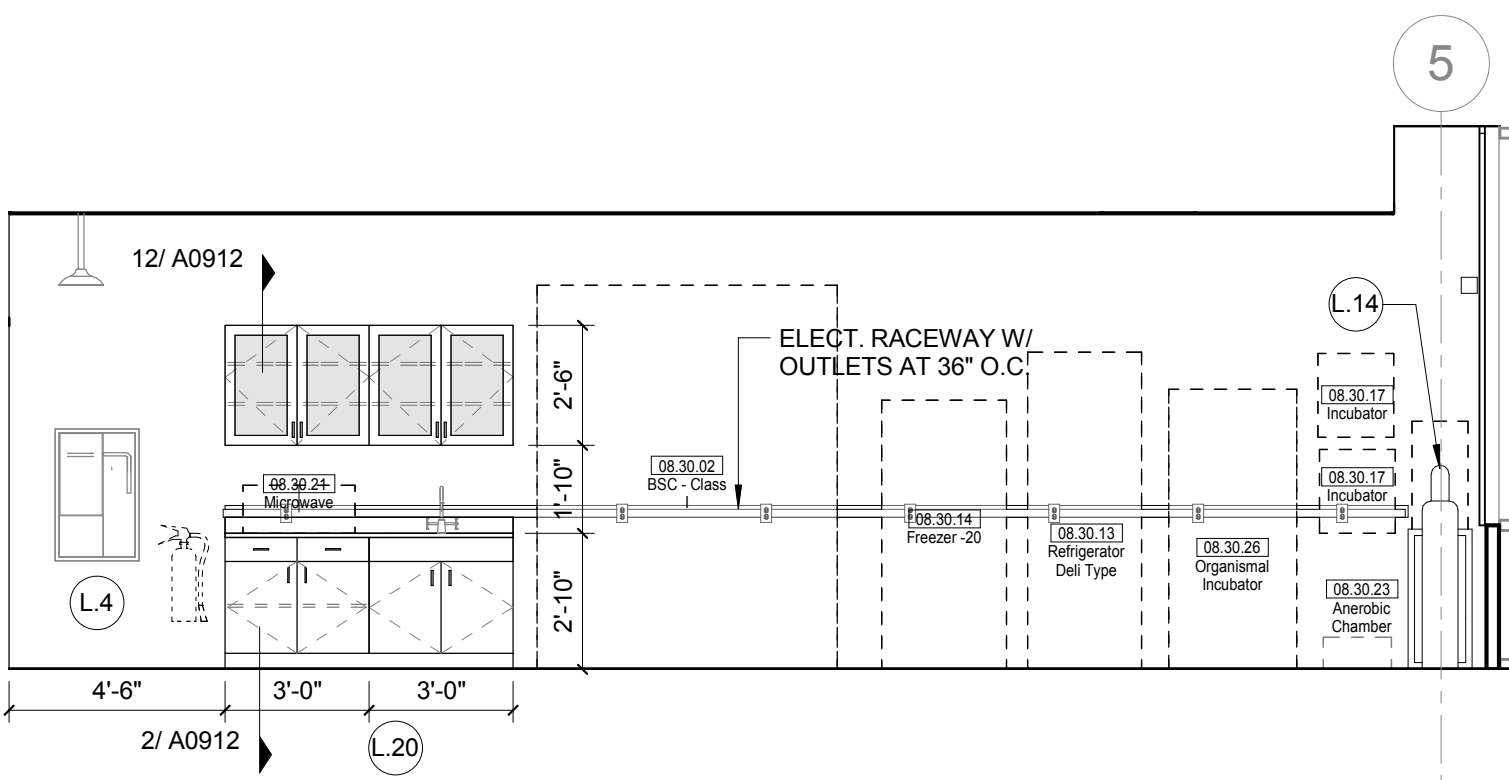
4 L02W MICRO / PLANT RESEARCH - WEST
1/4" = 1'-0" REF 1 / A0204



3 L02W MICRO / PLANT BIO RESEARCH
1/4" = 1'-0"



2 L02 MICRO/ PLANT BIOLOGY RESEARCH - NORTH
1/4" = 1'-0"



1 L02 MICRO / PLANT BIO RESEARCH - SOUTH
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.6 WOOD LAB CASEWORK MICROSCOPE CAB
- L.7 WOOD LAB CASEWORK TALL CABINET WITH OPEN CUBBIES FOR BOOK BAG STORAGE.
- L.8 115313 CHEMICAL FUME HOOD - ACCESSIBLE - WITH MOBILE STORAGE BELOW, WHERE SHOWN. TYPICAL FUME HOOD TO HAVE ELECTRIC, AND UTILITIES AS INDICATED.
- L.9 CABS BELOW WHITEBOARD
- L.10 CAMERA FOR SKYPE INTERVIEW
- L.11 GAS CYLINDER STORAGE RACK (CFCI), CYLINDERS TO BE "OF" OR
- L.12 RECESSED MOTORIZED ROOM DARKENING / BLACKOUT SHADES. USE DOUBLE SHADES AT WEST CLASSROOMS LEVEL 02 AND LECTURE HALL. REFER TO REFLECTED CEILING PLANS
- L.13 MOBILE LABORATORY CASEWORK SYSTEM. SEE DETAIL 09/A0911.
- L.14 MOVEABLE WOOD LABORATORY CASEWORK: TABLE WITH MODIFIED EPOXY COUNTERTOP, CABINETS SUSPENDED BELOW AS INDICATED.
- L.15 FIXED WOOD LABORATORY CASEWORK: BASE CABINETS, MODIFIED EPOXY COUNTERTOP, WALL CABINETS AS SHOWN ON ELEVATION
- L.16 SEE CEILING PLAN FOR CEILING MOUNTED UNISTRUT SYSTEM SUPPORTED BY STRUCTURE ABOVE
- L.17 8" DEEP X 6" WIDE TRENCH WITH METAL COVER TO RECEIVE FLOOR FINISH TO MATCH ADJACENT FLOOR
- L.18 FLOOR BOX FOR ELECTRICAL & DATA
- L.19 09 6660 DRY ERASE FINISH (AWC-1)
- L.20 PROVIDE BLOCKING FOR FIRE EXTINGUISHER, MOUNTING HEIGHT - 3'-0" TO TOP OF EXTINGUISHER, FIRE EXTINGUISHER & ITS BRACKET BY OWNER.
- L.21 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, 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-1 AIR FUME HOOD CONTROL
- A-3 AIR TURRET BASE, SINGLE SERRATED OUTLET
- A-4 AIR WALL MOUNTED, SINGLE SERRATED OUTLET
- A-5 AIR QUICK DISCONNECT FOR OVERHEAD SERVICE CARRIER
- N NITROGEN FUMEHOOD CONTROL
- E-1 ELEC. DUPLEX OUTLET (GFI) ON FUME HOOD
- E-2 ELEC. COUNTERTOP MOUNTED PEDESTAL, (1) DUPLEX ELECTRICAL OUTLET
- E-3 ELEC. COUNTERTOP MOUNTED PEDESTAL, (2) DUPLEX ELECTRICAL OUTLET
- E-4 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 CLIP SINK LIPPED MODIFIED EPOXY CLIP 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"Wx6"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

- ALL DIMENSIONS ARE TO GWB FACE PARTITION OR COLUMN CENTER LINE U.N.O.
- OWNER FURNISHED OWNER INSTALLED (OFOI) ITEMS ARE SHOWN DASHED FOR REFERENCE ONLY. COORDINATE SIZE AND INSTALLATION REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
- CENTER ALL DRYING RACKS WITH DRIP STOP TROUGHS ABOUT CENTERLINE OF SINKS, U.N.O.
- 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 2" CLEAR ABOVE FLOOR FINISH.
- CENTER ALL COUNTERTOP MOUNTED UTILITY OUTLETS ON CENTER OF CASEWORK U.N.O.
- ALL SURFACE MOUNTED RACEWAY TO HAVE OUTLETS AT 2'-0" O.C. AND SHALL BE MOUNTED DIRECTLY ABOVE BACKSPLASH U.N.O.
- ALL BACKSPLASHES TO BE 4" HIGH U.N.O.
- DASHED LINES ON ELEVATIONS INDICATED ADJUSTABLE SHELVE INSIDE CASEWORK.
- PROVIDE FINISHED BACK PANEL AT KNEE SPACES BELOW ALL FUMEHOODS, TYPICAL. SIMILAR TO DETAIL
- PROVIDE FINISHED BACK PANEL AT ALL KNEE SPACES, TYPICAL
- PROVIDE LOCK AND KEY WHERE A CIRCLE NEXT TO DRAWER OR DOOR HANDLE IS SHOWN OR WHERE NOTED
- REFER SHEETS A0914 FOR LABORATORY CASEWORK / MILLWORK DETAILS
- FOR TYPICAL MOUNTING HEIGHTS REF: 1/A0911
- ALL CASEWORK TO BE WOOD U.N.O.
- ALL CASEWORK IS LABORATORY CASEWORK UNLESS NOTED AS MILLWORK OR O.F.O.I. SEE DIVISION 12-3555 - LABORATORY CASEWORK FOR SPECIFICATIONS.
- ALL EQUIPMENT ITEMS HAVE A EQUIPMENT TAG - XXX-XXX. SEE SHEETS A114 FOR EQUIPMENT SCHEDULES.
- PROVIDE PAPER TOWEL DISPENSER (PTD) AT EACH SINK LOCATION.