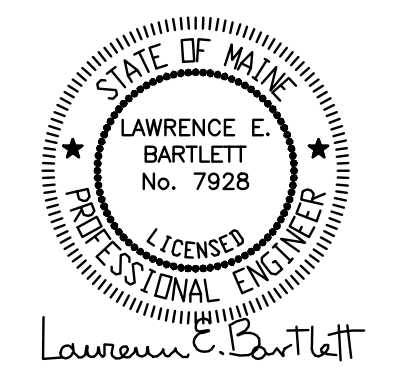
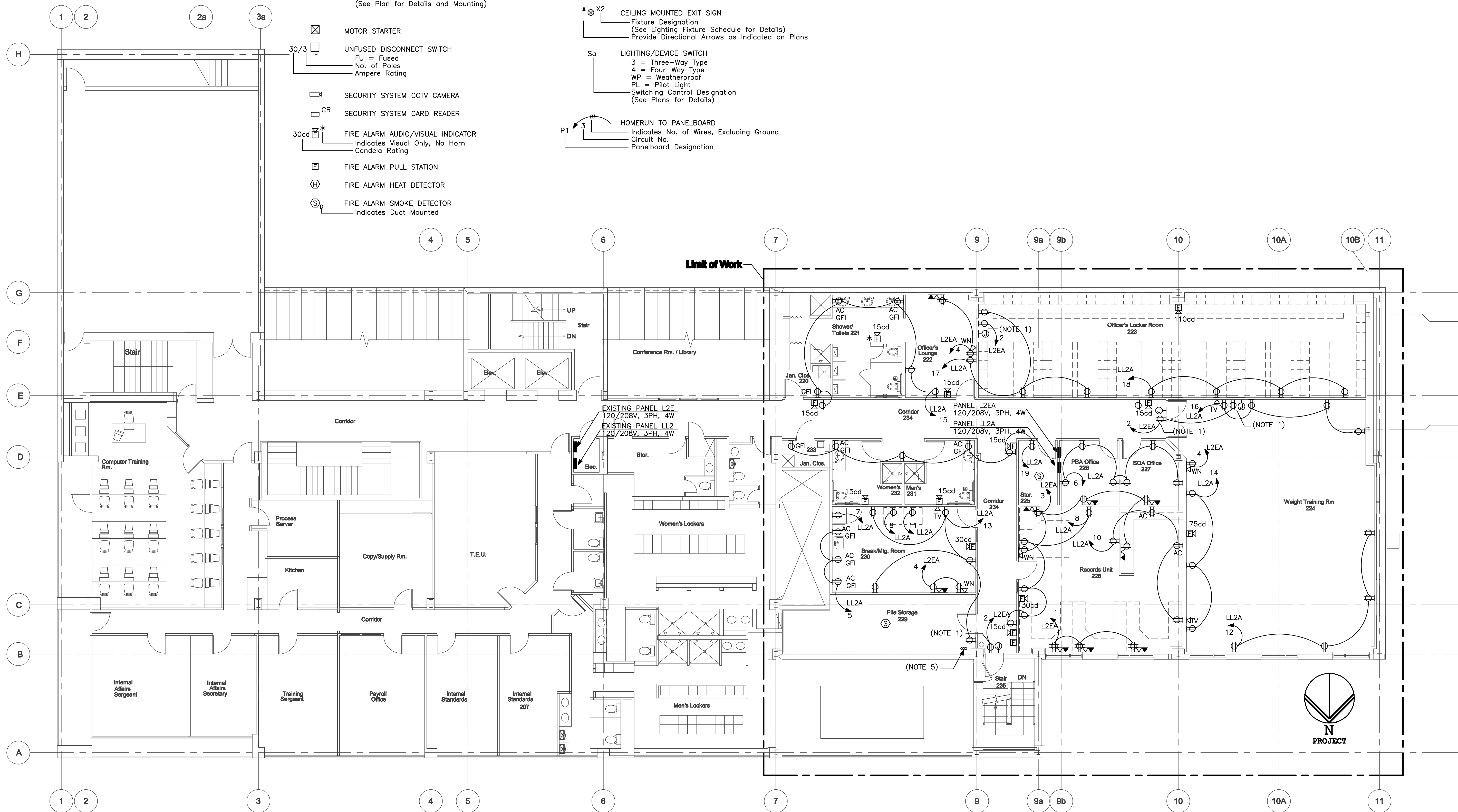


ELECTRICAL SYMBOLS

<p>SYMBOL DESCRIPTION</p> <p>125V, 20A, DUPLEX GROUNDED RECEPTACLE GFI = Ground Fault Interrupt AC = 6" Above Counter or Sink WP = Weatherproof TR = Technology Receptacle WN = Wireless Network Outlet (12" below the clg)</p> <p>QUAD RECEPTACLE</p> <p>250V, SINGLE GROUNDED RECEPTACLE Indicates Ampere Rating</p> <p>DUPLEX DATA PROCESSING OUTLET</p> <p>TELEPHONE OUTLET W = Wall Mounted Height 48"</p> <p>RECESSED FLOOR BOX (Contents May Vary, See Plan for Details)</p> <p>CABLE TELEVISION OUTLET</p> <p>JUNCTION BOX</p> <p>WALL MOUNTED JUNCTION BOX</p> <p>ELECTRICAL PANELBOARD (See Plan for Details and Mounting)</p> <p>MOTOR STARTER</p> <p>UNFUSED DISCONNECT SWITCH FU = Fused No. of Poles Ampere Rating</p> <p>SECURITY SYSTEM CCTV CAMERA</p> <p>SECURITY SYSTEM CARD READER</p> <p>FIRE ALARM AUDIO/VISUAL INDICATOR Indicates Visual Only, No Horn Candela Rating</p> <p>FIRE ALARM PULL STATION</p> <p>FIRE ALARM HEAT DETECTOR</p> <p>FIRE ALARM SMOKE DETECTOR Indicates Duct Mounted</p>	<p>SYMBOL DESCRIPTION</p> <p>RECESSED/SURFACE MOUNTED 1X4 LIGHTING FIXTURE Fixture Designation Switching Control Designation (See Lighting Fixture Schedule for Details)</p> <p>RECESSED/SURFACE MOUNTED 2X4 LIGHTING FIXTURE Fixture Designation Switching Control Designation (See Lighting Fixture Schedule for Details)</p> <p>RECESSED/SURFACE MOUNTED 2X2 LIGHTING FIXTURE Fixture Designation Switching Control Designation (See Lighting Fixture Schedule for Details)</p> <p>RECESSED/SURFACE MOUNTED CIRCULAR LIGHTING FIXTURE Fixture Designation Switching Control Designation (See Lighting Fixture Schedule for Details)</p> <p>WALL MOUNTED EMERGENCY LIGHTING FIXTURE Fixture Designation (See Lighting Fixture Schedule for Details)</p> <p>WALL MOUNTED EXIT SIGN Fixture Designation (See Lighting Fixture Schedule for Details) Provide Directional Arrows as Indicated on Plans</p> <p>CEILING MOUNTED EXIT SIGN Fixture Designation (See Lighting Fixture Schedule for Details) Provide Directional Arrows as Indicated on Plans</p> <p>LIGHTING/DEVICE SWITCH 3 = Three-Way Type 4 = Four-Way Type WP = Weatherproof PL = Pilot Light Switching Control Designation (See Plans for Details)</p> <p>HOMERUN TO PANELBOARD Indicates No. of Wires, Excluding Ground Circuit No. Panelboard Designation</p>
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- NOTES:**
- PROVIDE BOX, CONDUIT AND CABLE FOR OWNER FURNISHED SECURITY CAMERA AND WIRE. RUN CONDUIT BACK TO THE ELECTRICAL ROOM AND CAP. MOUNT BOX AND ASSOCIATED RECEPTACLE HIGH ON WALL, EXACT LOCATION TO BE DETERMINED BY ARCHITECT.
 - CONCEAL ALL WIRE AND CONDUIT IN PARTITIONS OR ABOVE CEILINGS. WHERE THIS IS NOT POSSIBLE AT EXISTING WALLS, CONTRACTOR SHALL COORDINATE THE USE OF SURFACE METAL RACEWAY WITH ARCHITECT.
 - PROVIDE A 60A/3P CIRCUIT BREAKER TO BE INSTALLED IN PANEL L2E IN THE SPACE WHERE EXISTING BRANCH CIRCUITS HAVE BEEN DISCONNECTED AND REMOVED. EXTEND A NEW PANELBOARD FEEDER CONSISTING OF 4 #6, 1 #8GND, IN A 1-1/4" CDT FROM THE NEW CIRCUIT BREAKER IN EXISTING PANEL L2E TO THE NEW PANELBOARD L2EA.
 - PROVIDE A 70A/3P CIRCUIT BREAKER TO BE INSTALLED IN PANEL LL2 IN THE SPACE WHERE EXISTING BRANCH CIRCUITS HAVE BEEN DISCONNECTED AND REMOVED. EXTEND A NEW PANELBOARD FEEDER CONSISTING OF 4 #4, 1 #6GND, IN A 1-1/2" CDT FROM THE NEW CIRCUIT BREAKER IN EXISTING PANEL LL2 TO THE NEW PANELBOARD LL2A.
 - PROVIDE (3) 4" CONDUIT SLEEVES THROUGH THE CEILING OF ROOM 229 INTO ROOM 311 ABOVE FOR TELECOMMUNICATIONS CABLING BY OWNER.



City of Portland
PUBLIC SAFETY
BUILDING
Crime Lab Project

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Mechanical
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Engineers
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Bartlett Design
942 Washington St.
Bath, ME 04530

SECOND FLOOR
POWER PLAN

E1.1