

A. WHEN EXTENDING 120V CIRCUITS FROM EXISTING CONTROL PANEL TO NEW ALLOW 10M OF AC90 CABLE.

- 1 CONTROL PANEL FOR AHU-1-EX IS BEING REPLACED WITH NEW. DISCONNECT EXISTING AIR HANDLING UNIT AHU-1-EX CONTROL PANEL FOR REMOVAL BY MECHANICAL. RECONNECT NEW CONTROL PANEL WITH SAME CIRCUIT. EXTEND CIRCUIT WIRING NEW CONTROL PANEL INSTALLATION.
- 2 PROVIDE 120V EMERGENCY POWER TO NEW WEEPING TILE SUMP PIT #4 CONTROL PANEL. EXTEND CIRCUIT FROM EXISTING EMERGENCY SUMP PIT CIRCUIT IN AREA.
- 3 PROVIDE 120V EMERGENCY POWER TO NEW SUMP PIT #3 CONTROL PANEL.
- 4 PROVIDE 120V EMERGENCY POWER TO NEW SANITARY WASTE CONTROL HIGH LEVEL.
- 5 PROVIDE 120V EMERGENCY POWER TO NEW WEEPING TILE SUMP PIT #1 CONTROL PANEL.
- 6 PROVIDE 120V EMERGENCY POWER TO NEW WEEPING TILE SUMP PIT #2 CONTROL PANEL.
- 7 PROVIDE 120V EMERGENCY POWER TO NEW BOILER PUMP CONTROL PANEL.
- 8 PROVIDE 120V EMERGENCY POWER TO NEW DOMESTIC COLD WATER MAIN RECIRCULATING PUMP CONTROL PANEL. DISCONNECT CONTROL PANEL FOR REMOVAL BY MECHANICAL. CONNECT NEW CONTROL PANEL BY EXTENDING EXISTING EMERGENCY CIRCUIT.
- 9 PROVIDE 120V EMERGENCY CIRCUIT FOR NEW CONTROL SYSTEM GLOBAL CONTROLLER PANEL. RUN CIRCUIT FROM EXISTING EMERGENCY PANEL. PROVIDE 120V DUPLEX RECEPTACLE FOR AN OPERATOR WORK STATION, POWER FROM EMERGENCY POWER PANEL.
- 10 EXISTING EMERGENCY PANEL "EM" (120/208V, 3Ø, 4W) FED FROM 100A 3P MANUAL TRANSFER SWITCH. EXISTING PANEL IS A FEDERAL PIONEER STAB-LOK 34-224-84-225 BREAKER TYPE NC OR NA. REPLACE 3 EXISTING 15A-1P 1" CIRCUIT BREAKERS WITH 6 NEW 15A-1P 1/2" CIRCUIT BREAKERS. REMOVE 4 EXISTING EM-58/56 AND EM-70/72. REPLACE 2 EXISTING 20A-1P 1" CIRCUIT BREAKERS WITH 2 NEW 20A-1P 1/2" CIRCUIT BREAKERS AND 2 NEW 15A-1P 1/2" CIRCUIT BREAKERS.
- 11 DISCONNECT EXISTING LINE VOLTAGE HUMIDISTAT AND WIRE NEW LINE VOLTAGE HUMIDISTAT BY MECHANICAL CONTRACTOR.
- 12 DISCONNECT EXISTING LINE VOLTAGE THERMOSTAT CONTROLLING TRANSFER FAN AND WIRE NEW THERMOSTAT SUPPLIED BY MECHANICAL CONTRACTOR.
- 13 DISCONNECT EXISTING LINE VOLTAGE THERMOSTAT CONTROLLING UNIT HEATER AND WIRE NEW THERMOSTAT SUPPLIED BY MECHANICAL CONTRACTOR.
- 14 DISCONNECT EXISTING LINE VOLTAGE THERMOSTAT IN HYDRONIC FLOW AND WIRE NEW LINE VOLTAGE THERMOSTAT SUPPLIED BY MECHANICAL.
- 15 DISCONNECT EXISTING LINE VOLTAGE THERMOSTAT CONTROLLING HYDRONIC FLOW AND WIRE NEW LINE VOLTAGE THERMOSTAT SUPPLIED BY MECHANICAL CONTRACTOR.
- 16 PROVIDE 120V EMERGENCY POWER TO NEW HYDRONIC HEATING SYSTEM PUMP CONTROL PANEL.
- 17 PROVIDE LIGHT FIXTURE AND TURN OVER TO DEPARTMENT REPRESENTATIVE.

Parks Canada

Visitor Reception Centre CONTROL SYSTEMS UPGRADES

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