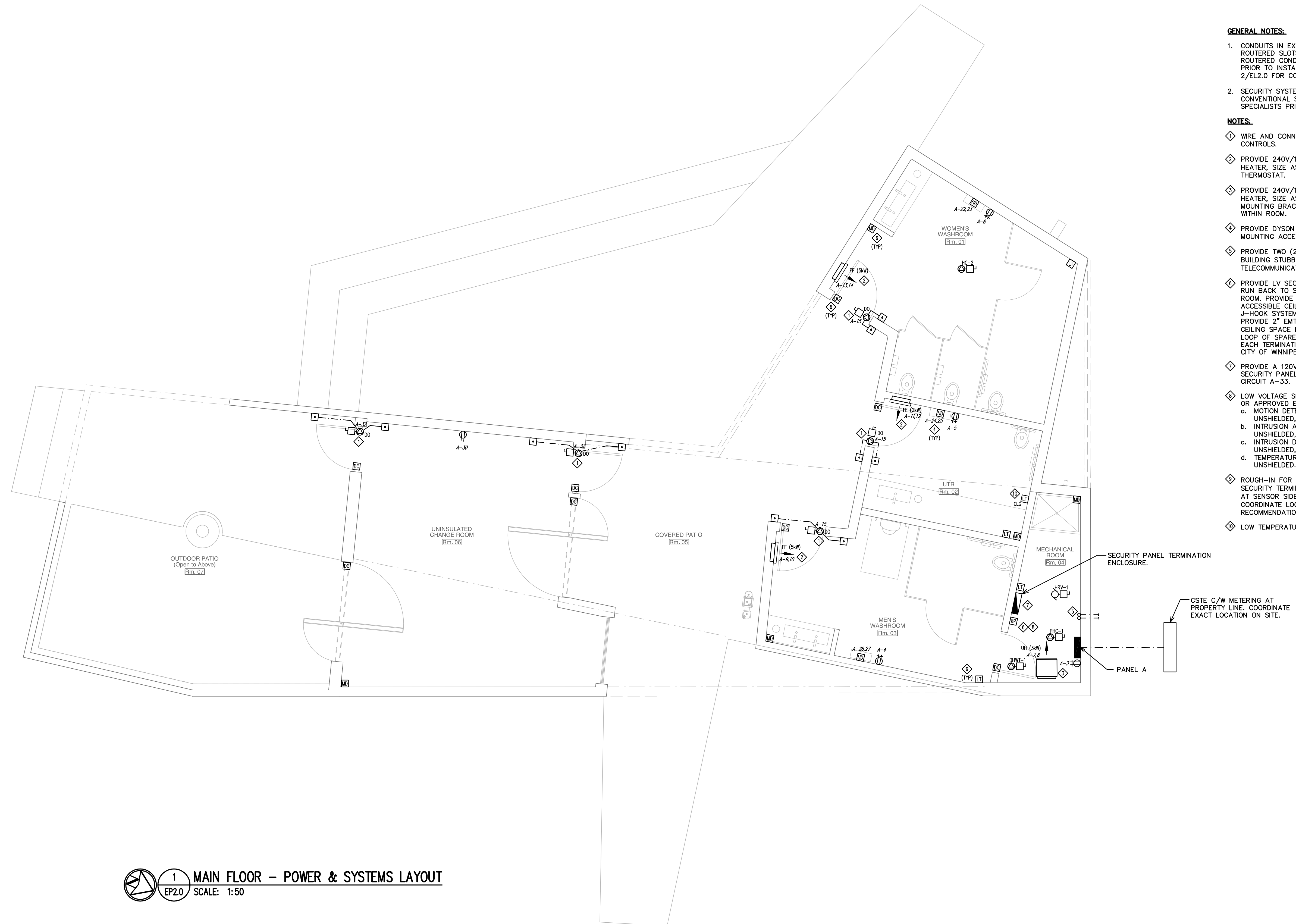


No.	Date	Revision Notes
0	2018/07/27	Issued for Construction
1	2018/08/28	Re-Issued for Construction



**GENERAL NOTES:**

- CONDUITS IN EXPOSED CEILING SHALL BE MOUNTED WITHIN ROUTED SLOTS IN WOOD DECKING. JUNCTION BOX LAYOUT FOR ROUTED CONDUITS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL AND DETAIL 2/E/2.0 FOR CONDUIT ROUTER SLOT DETAILS.
- SECURITY SYSTEM PRODUCTS, LOCATION(S) AND NAMING CONVENTIONAL SHALL BE COORDINATED WITH CITY OF WINNIPEG SPECIALISTS PRIOR TO TENDER CLOSE.

**NOTES:**

- ◇ WIRE AND CONNECT AUTOMATED DOOR ACTUATORS C/W ASSOCIATED CONTROLS.
- ◇ PROVIDE 240V/1ϕ OUELLET OAWH SERIES RECESSED FORCE FLOW HEATER, SIZE AS SPECIFIED C/W BUILT-IN TAMPERPROOF THERMOSTAT.
- ◇ PROVIDE 240V/1ϕ OUELLET OAE SERIES WALL MOUNTED UNIT HEATER, SIZE AS SPECIFIED C/W BUILT-IN THERMOSTAT AND WALL MOUNTING BRACKET. HEATER SHALL BE MOUNTED AT HIGH LEVEL WITHIN ROOM.
- ◇ PROVIDE DYSON AIRBLADE V HU02 HAND DRYER C/W SURFACE MOUNTING ACCESSORIES.
- ◇ PROVIDE TWO (2) SPARE 78mm (3") CONDUITS FROM EXTERIOR OF BUILDING STUBBED UP 600mm (2') AFF FOR FUTURE TELECOMMUNICATION DEMARCATION POINT. REFER TO DETAIL 3/E1.0.
- ◇ PROVIDE LV SECURITY SYSTEM CABLING TO ALL SECURITY DEVICES RUN BACK TO SECURITY TERMINATION ENCLOSURE IN MECHANICAL ROOM. PROVIDE 3/4" EMT CONDUIT FROM EACH DEVICE TO ACCESSIBLE CEILING SPACE ABOVE WASHROOMS AND PROVIDE J-HOOK SYSTEM IN CEILING SPACE TO TERMINATION ENCLOSURE. PROVIDE 2" EMT CONDUIT FROM TOP OF ENCLOSURE TO WASHROOM CEILING SPACE FOR CONNECTION TO ENCLOSURE. PROVIDE A 10' LOOP OF SPARE CABLE AT EACH END OF RUN, NEATLY COILED AT EACH TERMINATION LOCATION. COORDINATE DEVICE LOCATIONS WITH CITY OF WINNIPEG SECURITY SPECIALISTS PRIOR TO ROUGH-IN.
- ◇ PROVIDE A 120V SECURITY SYSTEM POWER SUPPLY MOUNTED IN SECURITY PANEL TERMINATION ENCLOSURE. WIRE AND CONNECT TO CIRCUIT A-33.
- ◇ LOW VOLTAGE SECURITY CABLING SHALL BE SUPPLIED AS FOLLOWS, OR APPROVED EQUAL.
  - a. MOTION DETECTOR: HONEYWELL 22-6 AWG, STRANDED, UNSHIELDED, P/N 31061112 FT6.
  - b. INTRUSION ALARM KEYPAD: HONEYWELL 18-4 AWG, STRANDED, UNSHIELDED, P/N 31151112 FT6.
  - c. INTRUSION DOOR CONTACT: HONEYWELL 22-4 AWG, STRANDED, UNSHIELDED, P/N 31041112 FT6.
  - d. TEMPERATURE SENSORS: BELDEN 18-2 AWG, STRANDED, UNSHIELDED.
- ◇ ROUGH-IN FOR LOW TEMPERATURE SENSORS C/W CABLING TO SECURITY TERMINATION ENCLOSURE. PROVIDE 20' OF SLACK CABLE AT SENSOR SIDE AND 30' OF SLACK CABLE AT ENSURE SIDE. COORDINATE LOCATION OF ROUGH-IN WITH MANUFACTURER'S RECOMMENDATIONS.
- ◇ LOW TEMPERATURE SENSOR SHALL BE MOUNTED IN CEILING SPACE.

**1 MAIN FLOOR - POWER & SYSTEMS LAYOUT**  
EP2.0 SCALE: 1:50

10399  
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PROVINCE OF MANITOBA  
2018-08-28  
M.J.  
**BOROBY**  
Member  
36277  
REGISTERED PROFESSIONAL ENGINEER

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