

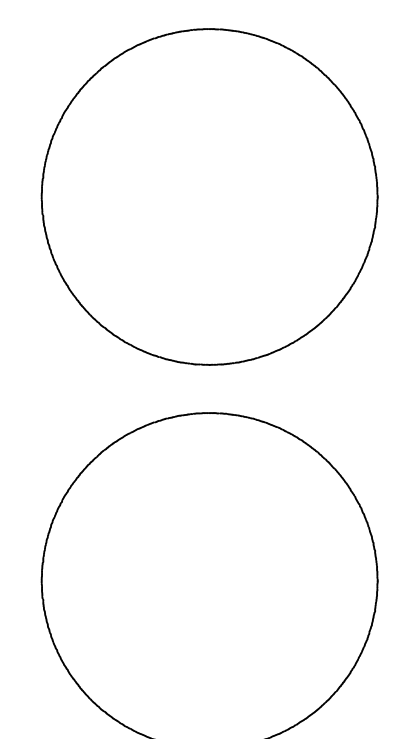
No.	Date	Revision Notes
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- 2017.05.02 Issued for Construction
- 2017.06.01 Issued for Add#01E
- 2017.06.06 Issued for Add#03ME



Certificate of Authorization
MCW/AGE Consulting
Professional Engineers
No. 589

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Project
St. John's Library Renovation

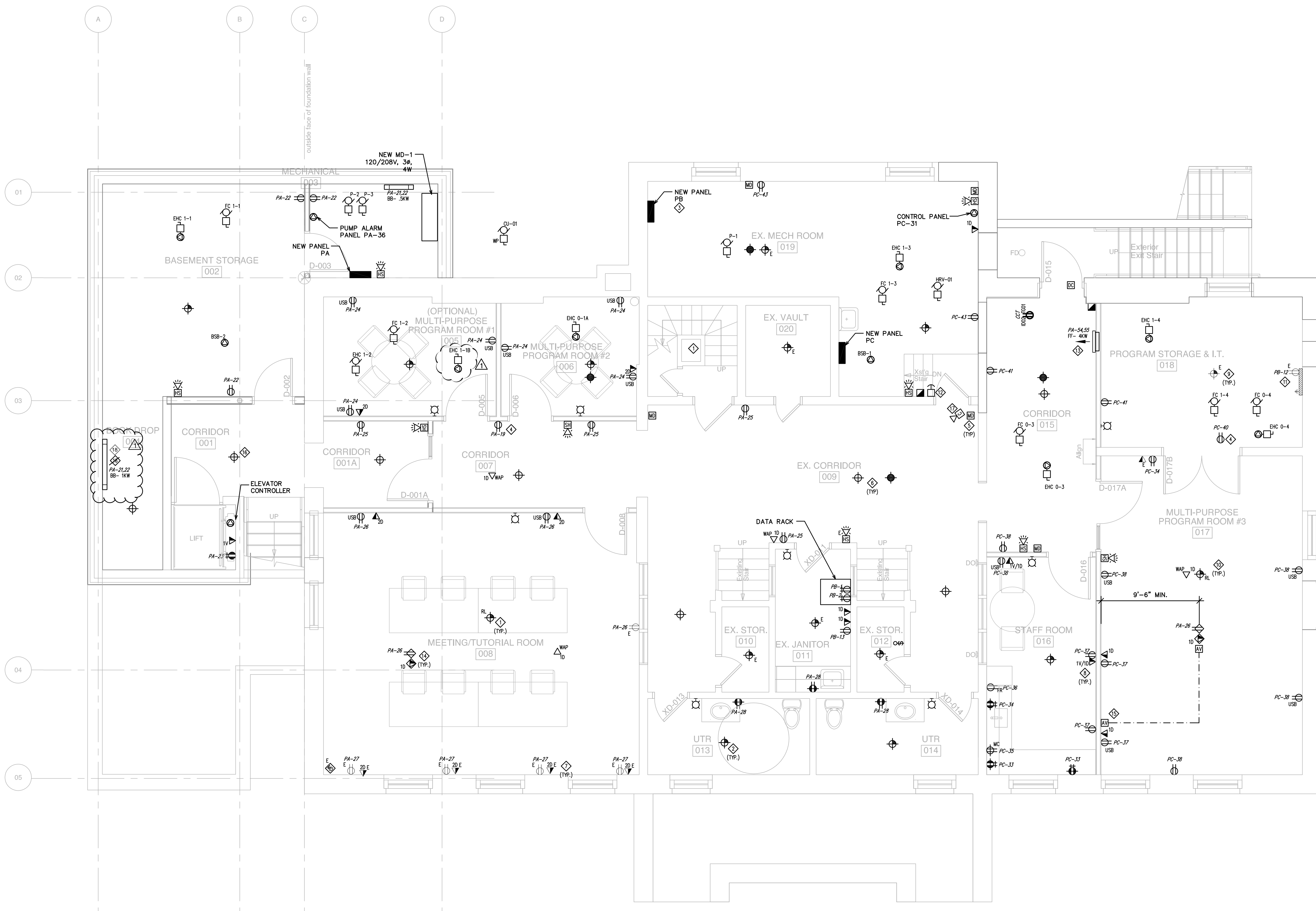
Drawing
BASEMENT LEVEL -
POWER & SYSTEMS
RENOVATION

Drawn By
RK
Reviewed By
DG
Scale
1:50
Drawing No.
EP2.0R1

Date
2017.05.02
Project No.
1503b
Revision No.
0

NOTES:

- RELOCATE EXISTING FIRE ALARM DEVICE TO NEW LOCATION SHOWN. WIRE AND CONNECT TO EXISTING SYSTEM.
- PROVIDE NEW FIRE ALARM DEVICES TO MATCH EXISTING SYSTEM. WIRE AND CONNECT TO EXISTING SYSTEM.
- PROVIDE NEW PANEL PB TO REPLACE EXISTING MAIN DISTRIBUTION PANEL. WIRE AND CONNECT ALL EXISTING CIRCUIT TO REMAIN TO NEW PANEL. ENSURE LOADS ARE BALANCED.
- PROVIDE POWER FOR MECHANICAL PUMP IN CEILING
- PROVIDE ROUGH IN FOR SECURITY SYSTEM ONLY.
- PROVIDE NEW FIRE ALARM DEVICES WIRE AND CONNECT TO EXISTING SYSTEM.
- EXISTING COMMUNICATION DEVICE SHALL REMAIN, RUN CABLE TO NEW DATA RACK LOCATION AND CONNECT TO SYSTEM.
- PROVIDE NEW COMMUNICATION DEVICE, WIRE AND CONNECT TO EXISTING SYSTEM.
- EXISTING FIRE ALARM DEVICE SHALL REMAIN AND BE MAINTAINED.
- EXISTING FIRE ALARM DEVICE SHALL BE RELOCATED TO NEW CEILING. WIRE AND CONNECT.
- EXISTING TELEPHONE BACKBOARD SHALL REMAIN AND BE MAINTAINED. WIRE AND CONNECT RECEPTACLE TO NEW BRANCH CIRCUIT.
- PROVIDE NEW EMERGENCY SHUT DOWN FOR BOILER. WIRE AND CONNECT TO BOILER CONTROL PANEL.
- PROVIDE 4 HW, 208V, 1P, FORCE-FLOW-EQUAL TO OULET-NO-04G-04608-G/M-BH. NOT USED
- REFER TO ARCHITECTURAL REFLECTED CEILING FOR DEVICE LOCATION.
- PROVIDE A DOUBLE GANG AV BOX & 1-1/2" CONDUIT.
- PROVIDE SMOKE DETECTOR IN ELEVATOR LOBBY AND CONNECT TO ELEVATOR CONTROL HOMING.
- PROVIDE ROUGH IN FOR CCTV WITH CAT 6 CABLE TO NETWORK RACK. PROVIDE MINIMUM 2 FEET OF SLACK AT CAMERA END.
- PROVIDE 208V, 1 KW HEATER OULETTE #OFM1000-RT-208. WIRE AND CONNECT TO 15A/2P CIRCUIT FROM PANEL PA.



1 BASEMENT - ELECTRICAL POWER & SYSTEMS RENOVATION LAYOUT
E2.0 SCALE: 1:50