

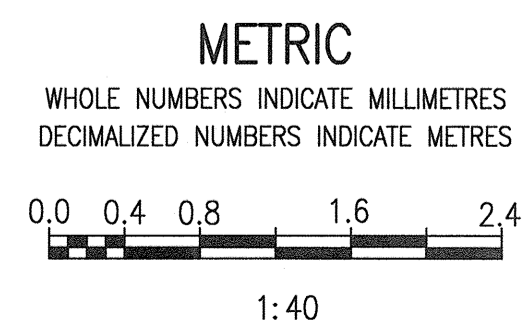
**GENERAL NOTES:**

1. ALL DEVICES SHOWN ARE NEW AND SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
2. ALL WIRING ASSOCIATED WITH FIRE ALARM EQUIPMENT SHALL BE RUN IN CONDUIT AND PROVIDED BY THE ELECTRICAL CONTRACTOR.
3. PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING EXPANSION JOINTS (IF APPLICABLE).
4. UTILIZE A MINIMUM OF #12 AWG WIRE SIZE FOR NOTIFICATION APPLIANCE CIRCUITS (NAC).
5. ALL WIRE CONNECTION SHALL BE MADE VIA TERMINAL BLOCKS (MARRETTES NOT ALLOWED).
6. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ANY ADDITIONAL EQUIPMENT IN ORDER TO COMPLETE FIRE ALARM DESIGN.
7. REFER TO DRAWING 1-0660M-E0011 FOR FIRE ALARM DEMO WORK.
8. UTILIZE A MINIMUM OF #18 AWG FOR DETECTION CIRCUITS.

**CONSTRUCTION NOTES:**

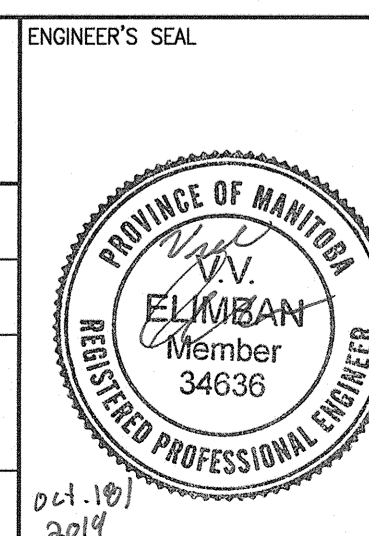
1. PROVIDE 15A SINGLE POLE BREAKER ON UPS PANEL PNL-E, CCT. 11 FOR FIRE ALARM POWER FEED. PROVIDE CABLING AND CONDUIT FROM PNL-E TO FIRE ALARM PANEL FACP-M922. REFER TO PANEL SCHEDULE ON 1-0660M-E0009.

|               |  |
|---------------|--|
| 1-0660M-A0005 | LOOP DIAGRAM, FACP-M922.Trouble AND FACP-M922.Alarm          |
| 1-0660M-E0026 | FIRE ALARM, LEGEND AND DETAILS                               |
| 1-0660M-E0025 | FIRE ALARM, RISER DIAGRAM, DETECTION & NOTIFICATION CIRCUITS |
| 1-0660M-E0024 | FIRE ALARM PLAN, BASEMENT                                    |
| 1-0660M-E0011 | MAIN FLR EQUIPMENT & DEVICE LAYOUT, PUMP ROOM DEMOLITION     |



| NO. | REVISIONS                          | DATE       | DESIGN | CHECK |
|-----|------------------------------------|------------|--------|-------|
| 00  | ISSUED FOR TENDER AND CONSTRUCTION | 2019/10/18 | VE     | BC    |

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|                            |   |
| DESIGNED BY:<br>V. ELIMBAN | CHECKED BY:<br>B. CLEVEN                |
| DRAWN BY:<br>C. DUBON      | APPROVED BY:<br>D. BECKER               |
| SCALE:<br>1:40             | ISSUED FOR CONSTRUCTION<br>BY: A. WEISS |
| DATE:<br>2019/07/15        | DATE:<br>2019/10/18                     |
| CONSULTANT NO.:            |   |



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| THE CITY OF WINNIPEG<br>WATER AND WASTE DEPARTMENT                       |                              |
| TACHE BOOSTER PUMPING STATION<br>ELECTRICAL FIRE ALARM PLAN<br>PUMP ROOM |                              |
| CITY DRAWING NUMBER<br>1-0660M-E0023                                     | SHEET REV. SIZE<br>001 00 A1 |