

CHLORINE BUILDING GROUND LEVEL - FIRE ALARM
SCALE: 1 : 50

GENERAL NOTES:

1. ALL DEVICES SHOWN ARE NEW AND NEEDS TO BE PROVIDED BY THE CONTRACTOR. EXISTING FIRE ALARM SYSTEM TO BE DEMOLISHED, AFTER NEW FIRE ALARM SYSTEM IS FULLY INSTALLED AND COMMISSIONED. SEE DRAWING 1-0640C-E0009 FOR DEMOLITION WORK.
2. ALL WIRING ASSOCIATED WITH FIRE ALARM EQUIPMENT SHALL BE RUN IN CONDUIT.
3. PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING EXPANSION JOINTS (IF APPLICABLE).
4. CONDUIT SHALL BE RIGID, FT4, PVC CONDUIT IN THE CHLORINE BUILDING TANK AND EQUIPMENT ROOMS. EMT CONDUIT IS ACCEPTABLE IN ALL OTHER AREAS..
5. UTILIZE A MINIMUM OF #12 AWG WIRE SIZE FOR NOTIFICATION APPLIANCE CIRCUITS (NAC).
6. ALL WIRE CONNECTION SHALL BE MADE VIA TERMINAL BLOCKS (MARRETTES ARE NOT ALLOWED).
7. CONTRACTOR IS RESPONSIBLE TO PROVIDE ANY ADDITIONAL EQUIPMENT IN ORDER TO COMPLETE FIRE ALARM DESIGN.
8. SERVICE TUNNEL HAS BEEN GIVEN A PROCESS IDENTIFIER OF 'M'.
9. REFER TO DWG. 1-0640M-E0057 FOR FIRE ALARM LEGEND AND DETAILS.
10. UTILIZE MINIMUM OF 18 AWG WIRE SIZE FOR DETECTION CIRCUITS.
11. REFER TO ASBESTOS REPORTS IN APPENDIX B. ASBESTOS IS PRESENT IN AND/OR PRESUMED TO BE PRESENT IN (BUT NOT LIMITED TO) THE FOLLOWING:

- PIPING : RAIN WATER LEADER (SWEAT WRAP PIPE INSULATION & PARGING OVER FIBERGLASS)
- WALL : VERMICULITE INSULATION (MASONRY)
PLASTER (PERFORMED BLOCK & QUARRY TILE)

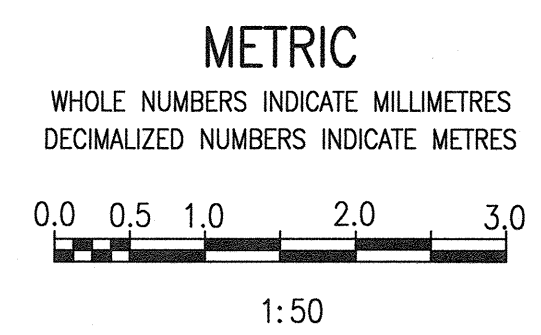
CONSTRUCTION NOTES:

- 1 MOUNT SMOKE DETECTOR UNDERNEATH STAIRWELL ON LANDING IN CHLORINE ELECTRICAL EQUIPMENT AREA. PROVIDE ALL NECESSARY MOUNTING ACCESSORIES.
- 2 ALL DEVICES IN CHLORINE BUILDING NEED TO BE NEMA 4X (WEATHERPROOF). PROVIDE ANY ADDITIONAL EQUIPMENT NEEDED TO MEET REQUIREMENT.



CHLORINE BUILDING AND SERVICE TUNNELS PLAN
SCALE: 1 : 50

1-0640C-E0012	ELECTRICAL - HAZARDOUS LOCATION, CHLORINE BLDG GROUND LEVEL
1-0640C-E0010	FIRE ALARM, CHLORINE BLDG, GROUND LVL & SERVICE TUNNEL
1-0640C-E0009	FIRE ALARM, CHLORINE BLDG, GRND LVL & SERV. TUNNEL - DEMO
1-0640M-E0057	ELECTRICAL FIRE ALARM, LEGEND AND DETAILS
1-0640M-E0056	RISER DIAGRAM, NOTIFICATION SYSTEM
1-0640M-E0055	RISER DIAGRAM, DETECTION SYSTEM
DRAWING NUMBER	REFERENCE DRAWINGS



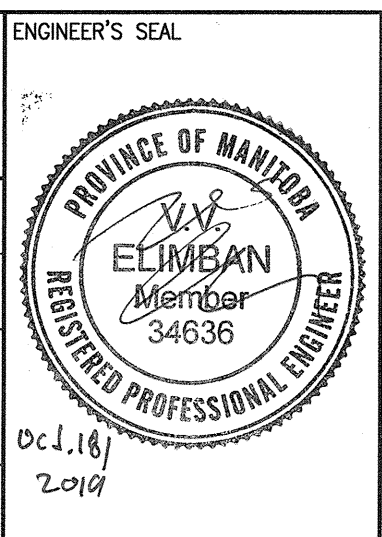
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NO.	REVISIONS	DATE	DESIGN	CHECK

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DESIGNED BY: V. ELIMBAN
DRAWN BY: C. DUBON
SCALE: 1:50
DATE: 2019/07/04

CHECKED BY: K. SAPIAK
APPROVED BY: D. BECKER
ISSUED FOR CONSTRUCTION BY: A. WEISS
DATE: 2019/10/18

CONSULTANT NO.:



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION
ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT
ELECTRICAL FIRE ALARM PLAN
CHLORINE BUILDING
GROUND LEVEL AND SERVICE TUNNELS

CITY DRAWING NUMBER: 1-0640C-E0010
SHEET: 001
REV.: 00
SIZE: A1