

LEGEND:
 ——— EXISTING
 ——— NEW WORK

NOTES:
 1. XFMR-C731E SIZED AT 15 KVA TO LIMIT INRUSH ON STANDBY GENERATOR. CABLING DESIGNED FOR POTENTIAL FUTURE 30 KVA TRANSFORMER.
 2. THIS DRAWING SUPERSEDES DRAWING 1-0640C-E0001.
 3. ALL WORK/DEVICES/EQUIPMENT ARE NEW UNLESS NOTED OTHERWISE.

CONSTRUCTION NOTES:
 ① PROVIDE NEW NON-ESSENTIAL MCC, MCC-C710.
 ② PROVIDE NEW ESSENTIAL MCC, MCC-C720E.
 ③ PROVIDE NEW WALL MOUNTED 15 KVA TRANSFORMER, XFMR-C731E. PROVIDE NEW CABLING/CONDUIT AS SHOWN.
 ④ PROVIDE NEW WALL MOUNTED ESSENTIAL PANELBOARD, PNL-C731E.
 ⑤ PROVIDE NEW CABLING AND CONDUIT FROM NEW MCC-C710 AND MCC-C720E TO EXISTING LOADS. CONDUIT AND CABLING REPLACEMENT TO MEET NEMA 4X STANDARDS IN THE CHLORINE STORAGE ROOM/SCALE ROOM (TANK ROOM) AND THE CHLORINATOR ROOM (EQUIPMENT ROOM).
 ⑥ PROVIDE NEW WALL MOUNTED 30 KVA DRY TYPE TRANSFORMER, XFMR-C711. PROVIDE NEW CABLING/CONDUIT.
 ⑦ PROVIDE NEW WALL MOUNTED PANELBOARD, PNL-C711.

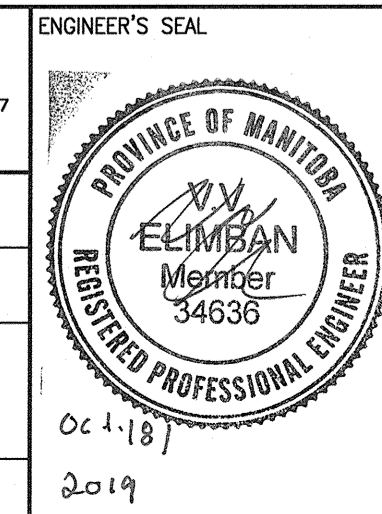
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|----------------|---|
| 1-0640C-E0012 | ELECTRICAL - HAZARDOUS LOCATION, CHLORINE BLDG GROUND LEVEL |
| 1-0640C-E0006 | PANEL BOARD SCHEDULES PNL-C711 & PNL-C731E |
| 1-0640C-E0005 | ELECTRICAL PANEL LAYOUT, MCC-C710/MCC-C720E LOCATION PLAN |
| 1-0640C-E0004 | ELECTRICAL PANEL LAYOUT, MCC-C710/MCC-C720E |
| 1-0640C-A0001 | LOOP DIAGRAM, MCC-C720E VOLTAGE PRESENT |
| 1-0640M-E0036 | SINGLE LINE, MCC-M730E |
| 1-0640M-E0034 | SINGLE LINE, MCC-M720 |
| 1-0640M-E0030 | ELECTRICAL SINGLE LINE DIAGRAM, OVERVIEW |
| DRAWING NUMBER | REFERENCE DRAWINGS |



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| NO. | REVISIONS | DATE | DESIGN | CHECK |

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THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION
 ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT
 ELECTRICAL SINGLE LINE DIAGRAM
 CHLORINE BUILDING
 MCC-C710/MCC-C720E

CITY DRAWING NUMBER: 1-0640C-E0003
 SHEET: 001
 REV: 00
 SIZE: A1