



LIMITATION OF RESPONSIBILITY

THIS DRAWING WAS CREATED BASED UPON
EXISTING DOCUMENTATION AND SITE INVESTIGATIONS.
THE ENGINEER'S RESPONSIBILITY IS LIMITED TO
THE ARC FLASH STUDY.

SPECIFIC NOTES:

- 1 PROVIDE NEW CIRCUIT BREAKERS AND ALL REQUIRED CONDUIT AND CABLING TO FEED NEW EQUIPMENT LOADS
AHU-C601, XFMR-C670 AND SCBR-C670 FROM PNL-CC. BREAKER MODEL AND KAIC RATING TO EXISTING
BREAKER IN DISTRIBUTION
- 2 ALL CONDUIT AND CABLING RAN WITHIN THE CHLORINE TONNER ROOM, SCALE ROOM AND CHLORINATOR ROOMS
MUST MEET NEMA 4X STANDARDS AND CEC HAZARDOUS LOCATIONS REQUIREMENTS.
- 3 ALL WALL PENETRATIONS INTO THE CHLORINE BUILDING SPACE MUST BE SEALED WITH FIRE STOP OR A
SUITABLE ALTERNATIVE.

LEGEND:

— NEW EQUIPMENT
— EXISTING

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NOTES:

1. ARC FLASH VALUES ARE BASED UPON THE PROTECTION SETTINGS SPECIFIED IN THE
ARC FLASH STUDY REPORT. ALL PHASE 1 REQUIRED WORK MUST BE PERFORMED PRIOR
TO APPLYING THE ARC FLASH LABELS.



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| DATE: 2011/08/10 | DATE: 2025/04/30 |

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THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

HURST PUMPING STATION

ELECTRICAL SINGLE LINE DIAGRAM
PNL-AA AND CHILLER

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| CITY DRAWING NUMBER 1-0650M-E0015 | SHEET 001 | REV. 01 | SIZE A1 |
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| 1-0650M-E0052 | STARTER SCHEMATIC/FIELD WIRING DIAGRAM, HEATER HCE-C620 |
| 1-0650M-E0001 | ELECTRICAL SINGLE LINE DIAGRAM - LEGEND & DETAILS |

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| DRAWING NUMBER | REFERENCE DRAWINGS |
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