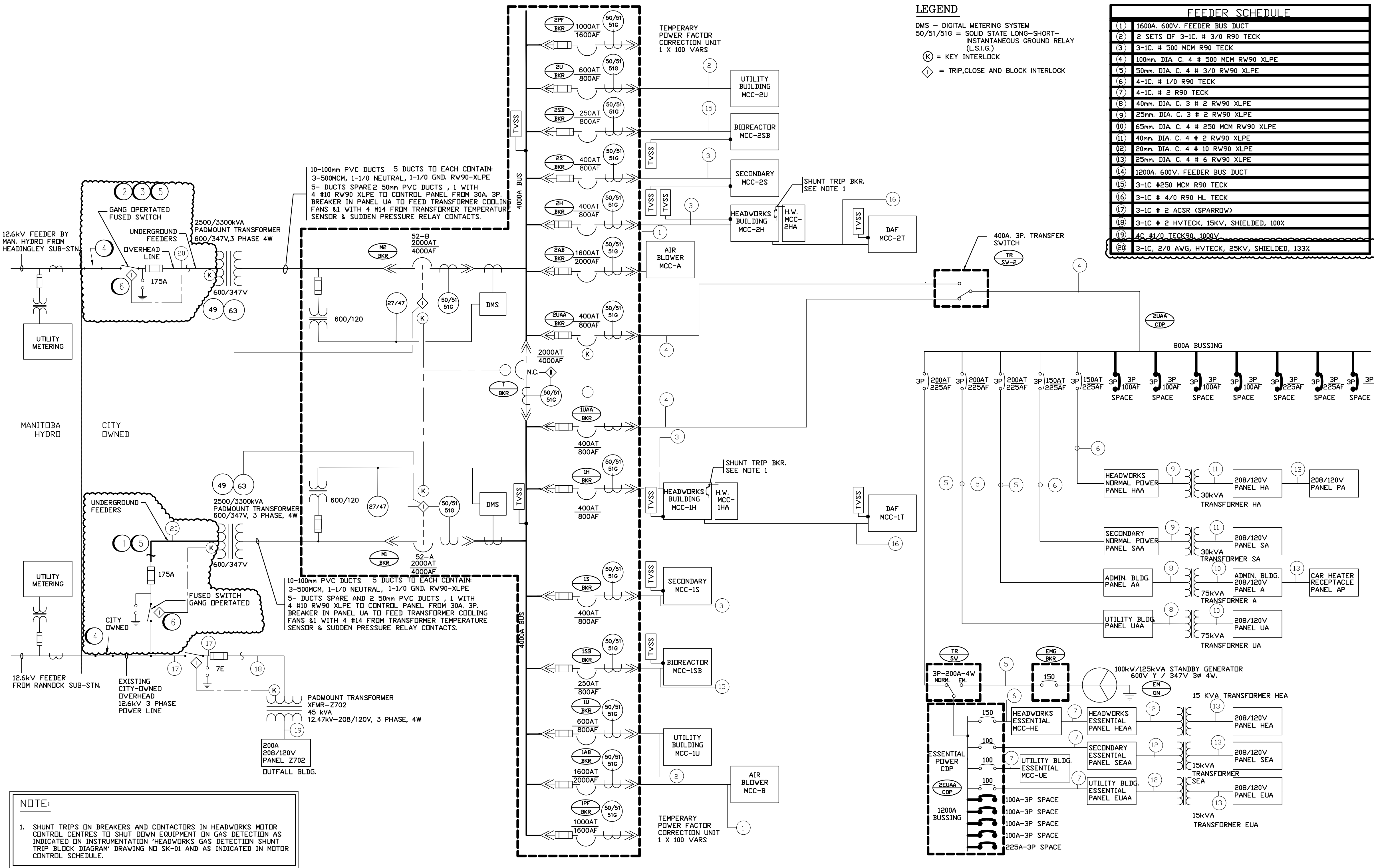




- GENERAL NOTES:
1. CLOUDED PORTION OF THIS DRAWING INDICATES WORK TO BE COMPLETED. REFER TO CONSTRUCTION NOTES.
  2. EXISTING CONDITIONS SHOWN ARE BASED ON RECORD DRAWINGS AND INFORMATION PROVIDED BY CITY OF WINNIPEG. INFORMATION IS FOR REFERENCE ONLY AND MAY NOT BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, RATINGS, AND EXISTING CONDITIONS PRIOR TO TENDER AND MAKE ALLOWANCES AS REQUIRED.

- CONSTRUCTION NOTES:
1. PROVIDE NEW 25KV POLE MOUNTED POWER FUSES AND 25KV POLE MOUNTED GANG OPERATED SWITCH COMPLETE WITH OPERATING HANDLE AT LOWER LEVEL. UTILIZE SPACE ON POLE FREED UP AFTER THE DEMOLITION OF EXISTING EQUIPMENT. PROVIDE NEW 2/0 AASC BARE OVERHEAD CONDUCTOR (WINNIPEG) AND TERMINATIONS AS REQUIRED FOR OVERHEAD CONNECTIONS AS REQUIRED. REFER TO DRAWING 1-0103-EDTL-Y001 FOR DETAILS.
  2. PROVIDE NEW 25KV POLE MOUNTED POWER FUSES AND 25KV POLE MOUNTED GANG OPERATED SWITCH COMPLETE WITH OPERATING HANDLE AT LOWER LEVEL. PROVIDE NEW POLE TO ACCOMMODATE THE INSTALLATION OF ALL NEW EQUIPMENT. REFER TO DRAWING 1-0103-EDTL-4001 FOR DETAILS.
  3. CONNECT NEW POLE MOUNTED EQUIPMENT TO EXISTING 12.6KV FEEDER IN EXISTING POLE ASSOCIATED WITH FEEDER FROM HEADINGLEY SUB-STN. PROVIDE NEW CROSSARM ASSEMBLIES, INSULATORS, CONNECTORS, AND ADDITIONAL HARDWARE AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. REFER TO DRAWING 1-0103-EDTL-4001 FOR DETAILS. PROVIDE NEW 2/0 AASC BARE OVERHEAD CONDUCTOR (WINNIPEG) AND TERMINATIONS FOR OVERHEAD CONNECTIONS AS REQUIRED.
  4. BYPASS DEMOLISHED POLE MOUNTED GANG OPERATED SWITCH. PROVIDE NEW CONDUCTORS, CONNECTORS, TIE ASSEMBLIES, INSULATORS AND ADDITIONAL HARDWARE AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING FEEDER. NEW CONDUCTOR SHALL BE 2/0 AASC BARE OVERHEAD CONDUCTOR (WINNIPEG).
  5. PROVIDE GROUNDING CONNECTIONS AS PER CEC REQUIREMENTS AND AS PER EQUIPMENT MANUFACTURER INSTRUCTIONS. REFER TO DRAWING 1-0103-EDTL-4001 FOR FURTHER REQUIREMENTS.
  6. PROVIDE KIRK KEY INTERLOCK BETWEEN NEW GANG OPERATED SWITCH AND EXISTING 2500KVA PAD MOUNTED TRANSFORMER. MODIFY EXISTING TRANSFORMER TERMINATION ENCLOSURE AS REQUIRED.

SINGLE LINE DIAGRAM  
SCALE: NTS

**ENGINEERS**  
GEOSCIENTISTS  
MANITOBA  
Certificate of Authorization  
**AtkinsRéalis Canada Inc.**  
No. 4489

|                             |  |  |  |                         |  |  |  |
|-----------------------------|--|--|--|-------------------------|--|--|--|
| DESIGNED BY: A. ENTZ ARAUJO |  |  |  | CHECKED BY: V. ELIMBAN  |  |  |  |
| DRAWN BY: A. NADRES         |  |  |  | APPROVED BY: V. ELIMBAN |  |  |  |
| SCALE: NTS                  |  |  |  | ISSUED FOR CONSTRUCTION |  |  |  |
| DATE: 2026/02/23            |  |  |  | BY: B. SOLOWAY          |  |  |  |
| CONSULTANT NO.: 708186      |  |  |  | DATE: 2026/05/01        |  |  |  |
| ISSUED FOR CONSTRUCTION     |  |  |  | 2026/05/01              |  |  |  |
| NO. REVISIONS               |  |  |  | DATE DESIGN CHECK       |  |  |  |



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|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|
| <b>THE CITY OF WINNIPEG</b><br>WATER AND WASTE DEPARTMENT                                                                                           |  |              |  |
| WEST END WATER POLLUTION CONTROL CENTRE<br>ELECTRICAL FEEDER CABLE REPLACEMENTS & UPGRADES<br>ELECTRICAL<br>AREA L - GENERAL<br>SINGLE LINE DIAGRAM |  |              |  |
| CITY DRAWING NUMBER<br>1-0103-ESLD-E003                                                                                                             |  | SHEET<br>002 |  |
| REV.<br>00                                                                                                                                          |  | SIZE<br>A1   |  |