



- NOTES
- GROUND LOOP TO EXTEND AT LEAST 1.0m BEYOND METAL CASE OF TRANSFORMER INCLUDING COOLING FINS.
  - GROUNDING TAILS TO BE CONNECTED TO OPPOSITE GROUND RODS. LEAVE SUFFICIENT SLACK IN PAD BOX FOR CONNECTION TO TRANSFORMER WITHOUT SPLICING.
  - ENSURE THAT ALL METAL STRUCTURES LOCATED WITH IN 2.4m (8'-0") OF PADMOUNT TRANSFORMER ARE BONDED AS PER BULLETIN 58-10-15)

- NOTES
- INSTALL NEW TRANSFORMER VAULT PER UTILITY STANDARDS AND NEW GROUND GRID.
  - INSTALL NEW SECONDARY DUCTS INTO THE BUILDING, AND PULL NEW CABLE (CABLE MATCH EXISTING). ONCE THIS WORK IS COMPLETED, DISCONNECT THE PRIMARY AT SHERBROOKE (BY UTILITY).
  - EXPOSE EXISTING PRIMARY DUCT AND BREAK INTO THE EXISTING PRIMARY DUCT PULL BACK THE PRIMARY TO NEW VAULT LOCATION AND REMOVE THE PRIMARY NEW VAULT, AND FOUR NEW PRIMARY DUCT BANK.
  - RELOCATE THE TRANSFORMER TO THE NEW VAULT (BY UTILITY) AND RECONNECT THE PRIMARY AND SECONDARY CABLES AT THE TRANSFORMER (BY UTILITY)
  - DISCONNECT AND REMOVE THE EXISTING SECONDARY ELECTRICAL PANEL AND CONNECT THE NEW SECONDARY CABLE IN THE ELECTRICAL PANEL.
  - RECONNECT THE PRIMARY AT SHERBROOKE (BY UTILITY)
  - THE EXISTING VAULT, SECONDARY DUCTS AND ELECTRICAL PANEL ARE TO BE REMOVED. SECTION OF PRIMARY DUCT CAN BE REMOVED.
  - REMOVAL OF WALL IN THIS AREA SHOULD BE PERFORMED WITH CARE SO AS TO NOT DISTURB THE EXISTING PRIMARY DUCT BANK, AND/OR THE COMMUNICATIONS DUCT BANK

Kirkland Engineering Ltd. BCIN: 28837

NO.	DESCRIPTION	DATE	BY
P1	ISSUED FOR FINAL REVIEW	21/05/27	DRM
P2	ISSUED FOR COORDINATION	21/05/28	DRM

REVISIONS

NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY THE ENGINEER.

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Product: 6857

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PROJECT: **MONSEIGNEUR-JAMOT RETAINING WALL RECONSTRUCTION**  
2350 Woodglade Blvd.  
Peterborough, Ontario

DATE: 21/05/27  
TIME: 10:00 AM  
SCALE: AS NOTED

DESIGN: DRM  
CHECKED: DRM  
APPROVED: DRM

**EI**