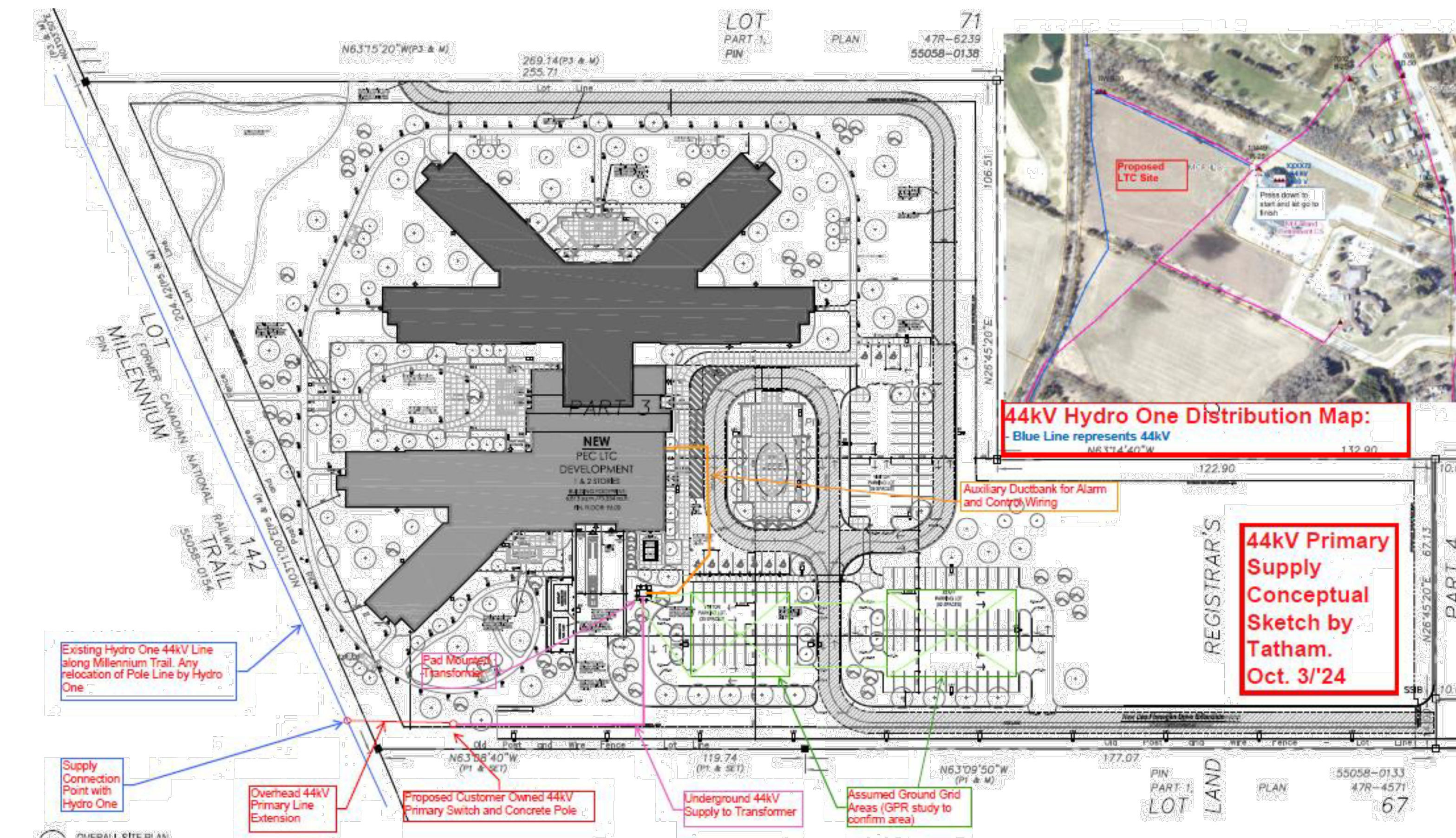


3 44kV PRIMARY UNDERGROUND DUCTBANK

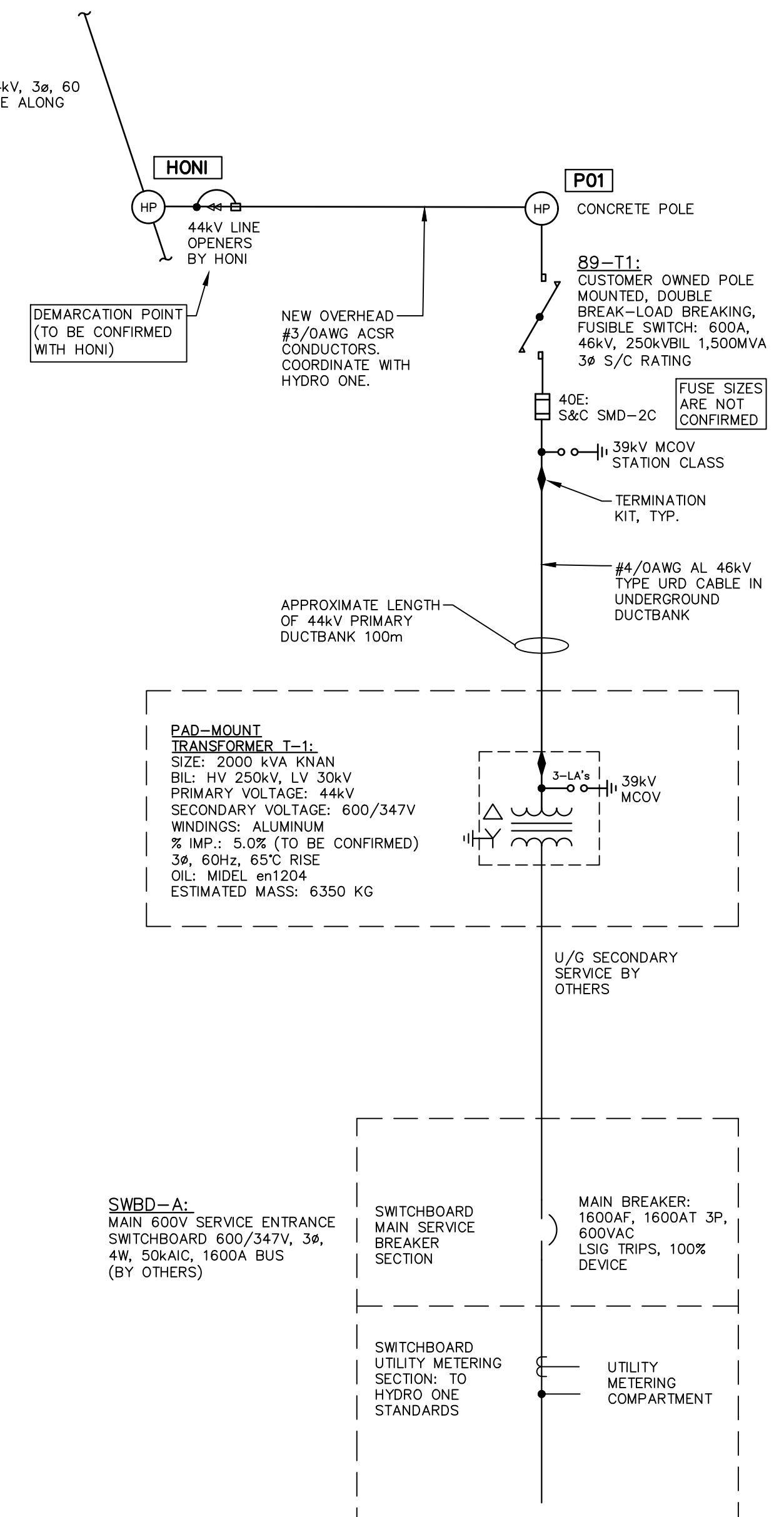
- NTS, DIMENSIONS SHOWN IN MILLIMETRES (mm)
- REFERENCE OESC TABLE D17C FOR CABLES IN BURIED CONDUIT (46kV CABLES)
- S = SPARE, PROVIDE FISH ROPE IN EACH SPARE DUCT
- INSTALL SPACERS EVERY 1220mm TO ASSEMBLE DUCTBANK
- OFFSET OR STAGGER ALL SPACERS
- PROVIDE 915mm RADIUS BENDS FOR ALL FITTINGS

4 AUXILIARY DUCTBANK

- NTS, DIMENSIONS SHOWN IN MILLIMETRES (mm)
- PROVIDE AUXILIARY DUCT BETWEEN ELEC ROOM IN BUILDING A AND TRANSFORMER CONTROL BOX, INCLUDE THE FOLLOWING WIRING:
 - 2C#12AWG+GND RW90 FOR 120VAC SPACE HEATER IN CONTROL BOX
 - 8C#12AWG+GND RW90 FOR 120VAC ALARM WIRING



44kV Primary Service Conceptual Sketch – Tatham Engineering, Oct. 3, 2024



2 PROPOSED SINGLE LINE DIAGRAM: 44kV-600/347V, 3Ø

1 SITE PLAN – 44kV CONCEPTUAL SKETCH

- SCALE 1:1
- NOTE THIS SITE PLAN IS CONCEPTUAL ONLY. FINAL SITE PLAN TO BE ISSUED AT A LATER DATE.

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BENCHMARKS

No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP
1.	ISSUED FOR CLIENT REVIEW AND COORDINATION	SEPT. 2024	
2.	ISSUED FOR TENDER	OCT. 2024	

NOT FOR CONSTRUCTION

603 COUNTY ROAD 49
PICTON, ONT.

44kV ELECTRICAL SITE PLAN AND
SINGLE LINE DIAGRAM

TATHAM
ENGINEERING

DESIGN: RJW	FILE: 124154	DWG:
DRAWN: RJW	DATE: SEPT. 2024	E-1
CHECK: GGR	SCALE: AS SHOWN	