



- GENERAL NOTES**
- All construction shall be completed using approved Hydro Ottawa construction standards (latest edition) and/or details specified in the project drawing(s).
  - External workforces may obtain the latest edition of applicable Hydro Ottawa standards and/or design specifications at [www.hydroottawa.com](http://www.hydroottawa.com).
  - Prior to undertaking work within the safe limits of approach to Hydro Ottawa overhead plant (as defined in the Occupational Health and Safety Act), contact the designated Hydro Ottawa project manager or Hydro Ottawa Service Desk at 613-738-6400, Option 4.
  - Obtain utility locates prior to commencement of any excavation.
  - Where excavation within 1.5 metres of Hydro Ottawa underground plant, contact the designated Hydro Ottawa project manager or Hydro Ottawa Service Desk at 613-738-6400, Option 4.

- PROJECT NOTES**
- Where existing grades are greater or less than 150mm of final grade, grade stakes indicating final grade shall be provided at, or along each installation as required by Hydro Ottawa.
  - As-Built drawing(s) shall be completed for this project. Each drawing issued for construction shall be marked "As-Built" with the appropriate Hydro Ottawa Construction Verification Program (CVP) sign-offs completed.
  - Note existing Hydro Ottawa easements and proposed requirements for easements in favour of Hydro Ottawa on project drawing(s).
  - Primary conductors to be sagged as per ruling span noted below and attached Sag Chart or by using the applicable Hydro Ottawa Sag and Tension Table.
  - Neutral conductor to be tensioned for field spun secondary bus as per attached Sag Chart or by using the applicable Hydro Ottawa Sag and Tension Table.
  - Types of anchors selected for this project are based on anchor holding capacity in the soil class noted below. Where soil class varies from specified, contact the Project Manager.

**PROJECT DETAILS**

SYSTEM INFORMATION (TO BE CONFIRMED WITH SYSTEM OFFICE)	
AFFECTED CIRCUIT(S)	MWDF3 & 624F6
PRIMARY VOLTAGE(S)	28kV
SECONDARY VOLTAGE(S)	N/A

INFORMATION		EXISTING CABLE / CONDUCTOR	
EXISTING POLE OWNER	HOL	PRIMARY	556MCM OH AL
PROPOSED POLE OWNER	HOL	NEUTRAL	336MCM OH AL
RULING SPAN OF PROP. POLES	23.0m	SECONDARY	N/A
ASSESSED CLASS OF SOIL			
SWITCH GEAR	N/A		
TRANSFORMER	N/A		
POWER FUSE	N/A		
CURRENT LIMITING FUSE	N/A		
ACCESS ROUTE	MARCH RD @ KLONDIKE RD		

PROPOSED CABLE / CONDUCTOR	
PRIMARY	N/A
NEUTRAL	N/A
SECONDARY	N/A

**DRAWING INDEX / REFERENCE**

1.	Sheet 1 of 1	DESIGN, CDT, SLD, LEGEND
2.		
3.		
4.		

ASSOCIATED PROJECTS:  COM  TOH  TUG  RES  SUB

REFERENCED PROJECTS: 9202015621-TUG

**HYDRO OTTAWA LIMITED - FINAL RECORD OF INSPECTION & CVP CERTIFICATE**

THIS IS TO CERTIFY THAT THE CONSTRUCTION WORK COMPLETED AND SPECIFIED ON THE ABOVE-MENTIONED PLAN IS CONSISTENT WITH THE APPROVED PLAN, STANDARD DESIGNS OR WORK INSTRUCTION AND THAT APPROVED EQUIPMENT HAS BEEN USED.

P.M. TO INITIAL WHEN APPLICABLE	TYPE OF INSPECTION REQ'D	DATE COMPLETED	VERIFIED BY	POSITION	SIGNATURE
1)	CIVIL PLANT				
2)	DISTRIBUTION/STATIONS PLANT				
3)					

REV	DATE	CHANGE	REVISIONS	PREP	CHKD	APPD

**HydroOttawa**

788 MARCH ROAD  
RENTAL DEVELOPMENT

PREP: K. MCNAMARA / LG  
CHKD: P. FISHER / A. WELMERS  
ASSETS: S. FREEMARK  
APPD: M. WYNNDHAM

NO: 9202014155-TOH  
DATE: 2024-07-08  
SCALE: 1:500 @ ANSI D

TITLE: 9202014155-TOH  
REV: 1 OF 1

**CONSTRUCTION DATA TABLE**

Work Location #	Span Length (in.m)	Nomenclature ID#	Pole Length (in.ft.) Class	Pole Setting Depth (ft)	Pole Deflection	Anchor Distance(s) from Pole (m)	Standards	Instructions
L1	23.0m	Proposed X95990	65'	8.5ft	0°	5.5m 7.0m 8.5m	CIVIL • OCS0001 • OAS0100 • OPS0205 ELECTRICAL • OFS1009 • OAS0001 • OAS0100	CIVIL • Pole Hole @ 8.5ft setting depth • Install 3x expansion anchors • Install ground rod for future temporary power to 788 March Rd ELECTRICAL • Install one new 65' CL1 pole inline • Install 4x new down guys for anchoring • Transfer all existing primary overhead conductor to new pole location • Install new nomenclature tag
L2	57.0m	Proposed X95991	65'	8.5ft	0°	N/A	CIVIL • OPS0205 ELECTRICAL • OFS1011	CIVIL • Pole Hole @ 8.5ft setting depth ELECTRICAL • Install one new 65' CL1 pole inline • Transfer all existing primary overhead conductor to new pole location • Install new nomenclature tag
L3	span	Existing X41020	60'		6°	5.0m 7.0m	CIVIL • OAS0100 ELECTRICAL • OAS0001 • OAS0100 • OAS0003	CIVIL • Install 2x expansion anchors ELECTRICAL • Install 2x down guy (top and bottom phase) to 2x new anchors for line deflection.
L4	span	Removal X41025			0°		CIVIL • NA ELECTRICAL • NA	CIVIL • Remove pole butt ELECTRICAL • Transfer all primary to new X95991 • Remove all existing anchoring
L5	span	Removal X41026			0°		CIVIL • NA ELECTRICAL • NA	CIVIL • Remove pole butt ELECTRICAL • Transfer all primary to new X95990 • Remove all existing anchoring

