



**Legend**

- Existing (Black square)
- Hydro One or Contractor Section 3.0 (Blue square)
- Work by Customer (Pink square)
- Hydro One Only Section 2.0 (Red square)
- Work by Others (Bell or LDC) (Orange square)
- Remove - Hydro One or Contractor Section 3.0 (Blue X)
- Remove - Hydro One Only - Section 2.0 (Red X)
- Remove - By Customer (Pink X)
- Remove - By Others (Bell or LDC) (Orange X)

**DRAWING FILE DISCLAIMER**

This is a preliminary electronic version of the design drawing for the identified development. This drawing file has been provided for information and review purposes only. The drawing file shall not be modified in any manner except with written consent from Hydro One Networks Inc.

**DRAWING FILE DISCLAIMER**

DESIGN IS CONCEPTUAL ONLY UNTIL FIELD-VERIFIED AND IS SUBJECT TO CHANGE UNTIL ROADS ARE WITHIN 6' OF FINAL GRADE, THE LINE HAS BEEN STAKED BY HYDRO ONE AND ALL DATA HAS BEEN VERIFIED

**CONSTRUCTION NOT YET AUTHORIZED**

**IMPORTANT**

DESTROY ALL OUTDATED REVISIONS OF THIS PRINT. FOR COPIES OF CURRENT REVISION, CONTACT HYDRO ONE NETWORKS INC., LINES ENGINEERING SERVICES-SUBDIVISIONS, PHONE 1-866-272-3330, EMAIL ADDRESS: subdivision@hydroone.com

SUBDIVISION TOTALS			
EXPANSION	PRIMARY	EXCLUSIVE	SECONDARY
0	207	0	0
metres			

**DESIGN APPROVED**

DEVELOPER: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSULTANT: \_\_\_\_\_ DATE: \_\_\_\_\_

MUNICIPALITY: \_\_\_\_\_ DATE: \_\_\_\_\_

\*\*\*\*EXPANSION WITH NO CONNECTIONS. ALL CONNECTIONS WILL NEED TO BE SUBMITTED TO HYDRO ONE AS LAYOUT REQUESTS.\*\*\*\*

CUSTOMER TO CONTACT CUSTOMER CONNECT #1-888-664-9376 TO ARRANGE LAYOUT FOR SECONDARY SERVICES AND METERING

WORK LOCATIONS  
1 NON-CONTESTABLE  
2 TO 6 CONTESTABLE

**5.0m STRIP EASEMENT REQUIRED FOR 5 NEW LOTS**

- NOTES:**
- ALL DIMENSIONS ARE IN mm UNLESS STATED OTHERWISE.
  - ALL SEPARATIONS AND DEPTHS OF BURIAL ARE MINIMUM.
  - IF MINIMUM DEPTH OF COVER AS NOTED IN THE ABOVE TRENCH PROFILES IS EXCEEDED, SLOPING OF TRENCH WALLS AND/OR SHORING SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE OCCUPATIONAL HEALTH AND SAFETY ACT.
  - ALL SECONDARY SERVICE TRENCHES ARE TO BE 3 PARTY ONLY.
  - TOP AND SIDES OF DUCTS SHALL BE SURROUNDED BY RAKED AND COMPACTED CLEAN MASONRY SAND. CLEAN NATIVE BACKFILL TO BE RAKED AND COMPACTED, AND WITHOUT STONES AND SHARP OBJECTS. REFER TO BACKFILLING DETAILS, SECTION 30-2 OF U/G DISTRIBUTION STANDARDS v2011.
  - SECONDARY CABLES TO BE STAKED AT LOT LINE AS PER DU-03-209.2 (D4). 50 X 100mm POST AND 100mm CORRUGATED PIPE TO BE SUPPLIED AS PART OF CIVIL WORKS.
  - SECONDARY SPLICE TO BE COMPRESSION TYPE ONLY.
  - IF APPLICABLE, GAS METER MUST MAINTAIN A MINIMUM SEPARATION OF 1m FROM HYDRO METER.
  - METER COMPARTMENT AND CONDUIT TO BE SURFACE MOUNTED ONLY. METER BASES RECESSED IN WALLS, ENCLOSED IN CABINETS OR OTHERWISE OBSTRUCTED ARE NOT PERMITTED.
  - INSTALL METER COMPARTMENT AS PER ELECTRICAL SAFETY CODE RULES, USE ONLY HYDRO ONE APPROVED 200A JUMBO SIZED METER COMPARTMENT MOUNT WITH TUNNEL TYPE CONNECTORS AND HAVING THE MINIMUM DIMENSIONS OF 17x12x4-3/4" CONTAINING 3" KNOCKOUTS, METER BASE TO MAINTAIN 1 METER MIN. CLEARANCE FROM DISCHARGE OF ANY COMBUSTIBLE GAS RELIEF DEVICE OR VENT.
  - MINIMUM HORIZONTAL CLEARANCES BETWEEN HONI DISTRIBUTION EQUIPMENT (<50kv) & OTHER UTILITY EQUIPMENT ARE TO BE PER TABLE 18, SECTION 3D OF THE U/G DISTRIBUTION STANDARDS v2011.

- U/G TRANSFORMERS & KIOSKS:**
- BACK OF TRANSFORMER TO BE LOCATED AS PER MUNICIPAL SPECIFICATION.
  - ALL TRANSFORMERS MUST BE LOCATED AT LEAST 3m FROM SURFACE OBJECTS AND STRUCTURES. OPENINGS OR COMBUSTIBLE MATERIALS ON OPERATING SIDE, 1m ON ALL OTHER SIDES.
  - ALL PADMOUNT TRANSFORMERS ARE TO BE POSITIONED SO THAT THE ACCESS DOOR OPENS FROM THE ROAD SIDE, UNLESS OTHERWISE SPECIFIED.
  - REFER TO SECTION 9.0 OF THE U/G DISTRIBUTION STANDARDS v2011 FOR VAULT SPECIFICATIONS. ALL SINGLE PHASE PAD-MOUNTED TRANSFORMER VAULTS ARE TO BE A PRECAST CONCRETE FOUNDATION (1 PIECE) AS PER THE HONI APPROVED MATERIAL LIST.
  - PROTECTIVE BOLLARDS ARE REQUIRED IF TRANSFORMER IS LOCATED LESS THAN 1m FROM DRIVEWAY OR BACK OF CURB. (AS PER HONI DWG. DU-03-212).
  - SINGLE PHASE TRANSFORMERS AND KIOSKS TO BE INSTALLED AS PER HONI DRAWINGS: DU-03-210, DU-03-214, DU-03-301, DU-03-302, DU-14-101.
  - THREE PHASE TRANSFORMERS AND KIOSKS TO BE INSTALLED AS PER HONI DRAWINGS: DU-04-301, DU-04-302, DU-04-401, DU-04-402, DU-14-101.

- DUCTS:**
- HYDRO DUCTS TO BE 100mm TYPE II PVC UNLESS OTHERWISE NOTED.
  - BELL ENDS TO BE PLACED ON ALL OPEN DUCT ENDS.
  - UNUSED DUCTS TO BE CAPPED, C/W 1/2" WIDE, 1/16" THICK PULLING TAPE (MULETAPE).
  - PRIMARY AND SECONDARY CONDUCTORS TO BE INDIVIDUALLY DUCTED C/W SPARE FOR PRIMARY AND INCLUDE ADDITIONAL SPARE AT SECONDARY ROAD CROSSINGS.
  - ALL DUCTS TO BE MANDRELLED AND CLEANED AFTER INSTALLATION, WITNESSED BY HYDRO ONE.
  - DUCT QUANTITIES SHOWN ARE HYDRO REQUIREMENTS ONLY.
  - MINIMUM RADIUS OF DUCT TO BE USED IS 36" UNLESS NOTED OTHERWISE.

- DESIGN CRITERIA:**
- DISTRIBUTION DESIGN BASED ON Varies AMP SERVICES.
  - ESTIMATED BUILDING SIZE Varies SQ.FEET.
  - APPROVED MAXIMUM METER SET BACK SHALL BE n/a FROM PROPERTY LINE.
  - HEAT SOURCE: NON-ELECTRIC
- REVISED: JUNE 2021

**ADJACENT METER #S**

DESIGN SPECIFICATION

Construction shall be in accordance with HONI's O/H & U/G Distribution Standards v2011

length of job or est.	0.207	km.	voltage	4.8/8.32	kV
number of services	5		phase	W	

control station, feeder and sw approved for construction date: \_\_\_\_\_

Reid Corners DS F2 1015

Supervising Dist. Tech. \_\_\_\_\_

**AS BUILT**

This certifies that: 1. The work completed at this site was built to: a) Hydro One Networks Inc. currently approved standard designs; b) an engineer approved plan; or c) was replaced "Like for Like"; 2. Only approved equipment was used, and upon completion the site was left with no undue hazard; and 3. All work was conducted in accordance with the requirements of the safety standard of Regulation 22/04.

Signature: \_\_\_\_\_ Employee Number and Date: \_\_\_\_\_

Walkerton  
Lake Range Drive  
Lot 205-207, Lake Range Drive  
Twp of Huron, Bruce County  
ZONE 1B

**HYDRO ONE** Hydro One Networks Inc.  
LINES AND FORESTRY SERVICES  
Work Management and Deployment

Drawn: Alex Moraru  
Date: 2021/12/21  
Scale: (Excluding Symbols)

Rev. No: 00345-22-015

rev. no.	date:	revision particulars	dwg	chkd	app'd
RO1	08/12/2022	FORMAL APPROVAL	WC	TS	
RO0	06/21/2022	PRELIMINARY	WC	TS	

© Copyright Hydro One Networks Inc. All rights reserved. This drawing may not be reproduced or copied, in whole or in part, in any printed, mechanical, electronic, film, or other distribution and storage media or used in any information storage or retrieval system outside of Hydro One Networks Inc., without the written consent of Hydro One Networks Inc.

Information contained in this drawing is considered to be confidential. Recipients shall only use the drawing for its intended purpose and shall take necessary measures to prevent disclosure or transmission to outside parties.