

1 ELECTRICAL LAYOUT
SCALE = 1:750 (APPROX)

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2. The contractor shall verify all dimensions, levels, and datum on site and report any discrepancies or omissions to this office prior to construction.
3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.
4. Drawing revision must be noted "Issued For Construction" before any work commences.

NOTE: THE EXISTING CAMPGROUND IS SERVICED BY CANADA POWER UTILITIES. THE LOCATION OF THE WATERMANS ON SITE, THE CONTRACTOR IS EXPECTED TO EXCAVATE CAREFULLY AROUND THE WATERMANS TO LIMIT DAMAGE.

ELECTRICAL TRENCH TO BE LOCATED ALONG THE EDGE OF THE EXISTING ACCESS ROADS ON THE NORTH SIDE OF THE SHEDS. THE TRENCH SHALL BE 150mm THICK GRANULAR "A".

REMOVE & DISPOSE OF ALL ABANDONED POLES, GUYS AND CONDUCTORS EXCEPT POLES SOUTH OF SHED #2.

HYDRO ONE TO REMOVE EXISTING METER AND METER BASE JUNCTION BOX. CONTRACTOR TO PROVIDE LIGHTNING ARRESTOR, IF NOT PRESENT.

PROVIDE MIN. CLEARANCE OF 4m BETWEEN OVERHEAD PRIMARY LINES AND TREES AND WOODY GROUNTS.

HYDRO ONE TO REPLACE EX. TRANSFORMER #2105 WITH NEW TRANSFORMER #2105. CONNECT PRIMARY OUTSIDE GROUND GRID OF HYDRO ONE JUNCTION BOX.

LOCATION OF POLES SHOWN SCHEMATIC ONLY; EXACT LOCATION TO BE CONFIRMED ON SITE.

HYDRO ONE TO RE-ROUTE EXISTING 10 PRIMARY AND CONNECT TO PO1.

HYDRO ONE TO REMOVE EXISTING POLE-MOUNT TRANSFORMER AND METER. CONNECT EXISTING SECONDARY SERVICES TO NEW TRANSFORMER. EXCAVATE AND SPUR NEW CONDUCTORS AS REQUIRED.

1-PHASE HIGH VOLTAGE JUNCTION BOX.



No.	ISSUE OR REVISION	DATE	ISSUER
1	ISSUED FOR PRELIMINARY REVIEW	17/07/14	HB
2	ISSUED FOR ESA PLAN REVIEW	05/02/14	HB
3	ISSUED FOR TENDER	23/07/14	HB

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Client: **GEORGIAN BAY ISLANDS NAT. PARK**
PARKS CANADA AGENCY
P.O. Box 9, 901 Wye Valley Road
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L4R 4K9

Project Name: **CEDAR SPRING CAMPGROUND POWER LINE BURIAL**

Drawing Title: **ELECTRICAL LAYOUT**

Drawn By: **CM/HB**
Scale: **AS SHOWN**

Checked By: **GOR**
Project No.: **13118M**

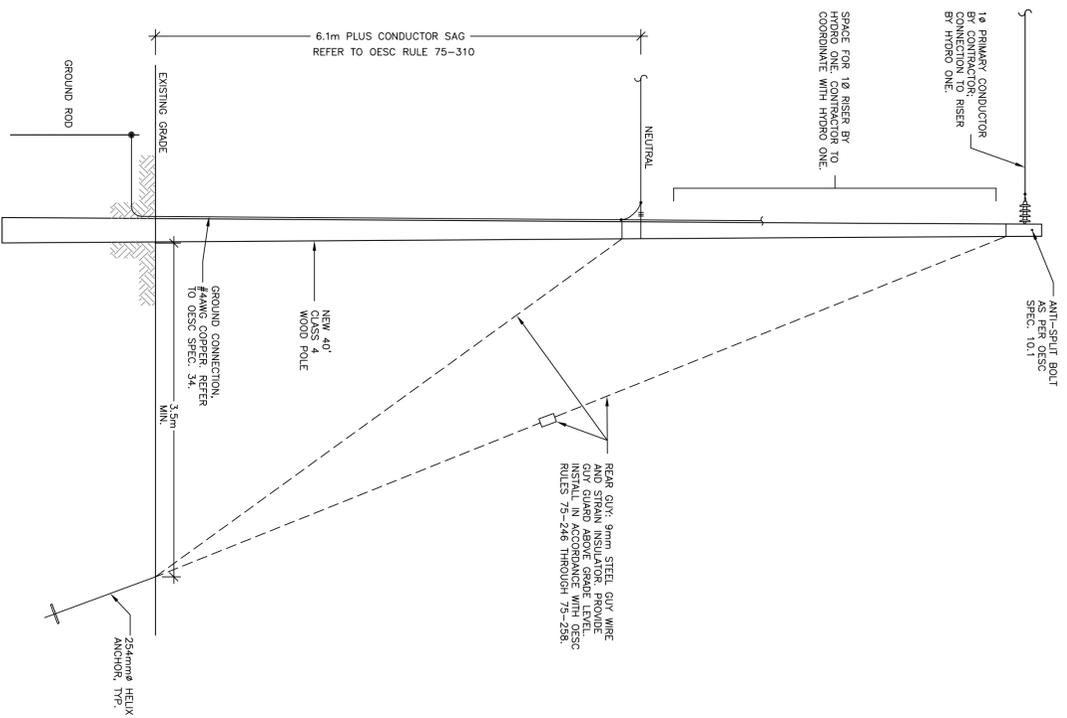
Drawing No.: **E2**

LAYOUT DRAWING LEGEND

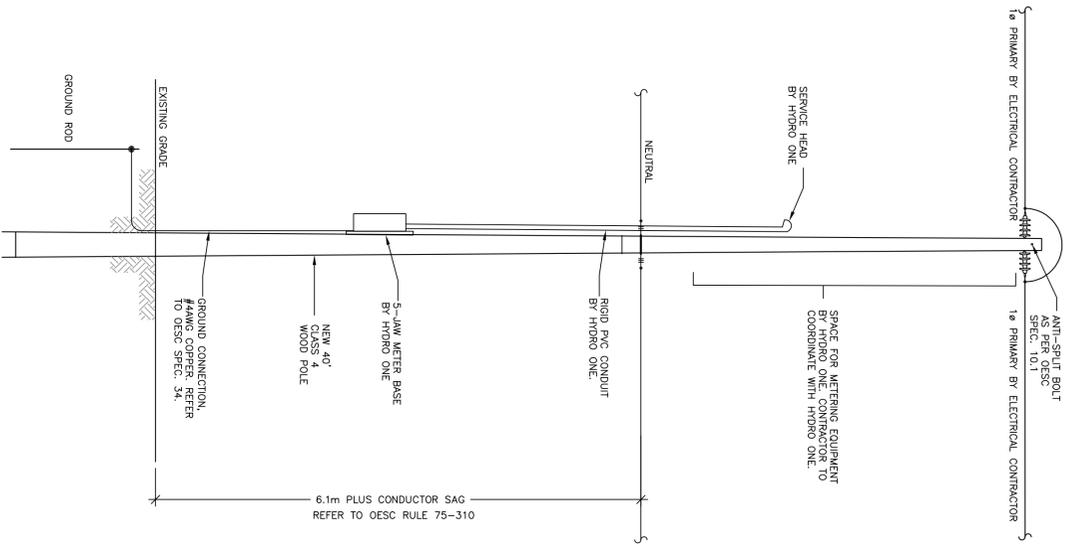
PO1	EXISTING POLE TAG NUMBER	PO1	PROPOSED POWER TRANSFORMER C/W GROUND GRID
—	EXISTING GUY WIRE	T-1	TRANSFORMER TAG NUMBER
—	EXISTING OVERHEAD CABLE	PH	PROPOSED POLE AND TAG NUMBER
o-UP	EXISTING UTILITY POLE	→	PROPOSED GUY WIRE
UGS1	EXISTING 10 UNDERGROUND SECONDARY CABLE	⊗	EXISTING YARD LIGHT
EXP1	EXISTING 10 UNDERGROUND PRIMARY CABLE		
—UPH—	PROPOSED UNDERGROUND PRIMARY CABLE (DIRECT BURIED).		

- ELECTRICAL LAYOUT NOTES:**
1. LINEWORK FOR UNDERGROUND CONDUCTORS SHOWN SCHEMATIC ONLY; CONDUCTORS ARE TO BE PLACED ALONG THE EDGE OF THE EXISTING ROADS.
 2. SYMBOLS FOR POLES AND EQUIPMENT SHOWN SCHEMATIC ONLY; FINAL LOCATION TO BE DETERMINED BY THE ENGINEER ON SITE.
 3. THE ELECTRICAL LAYOUT WAS PREPARED USING FIELD MEASUREMENTS AND ELECTRONIC INFORMATION. THE DRAWING IS SCALED APPROXIMATELY 1:750. CONTRACTOR MUST VERIFY ALL DISTANCES BY INDEPENDENT MEASUREMENT.

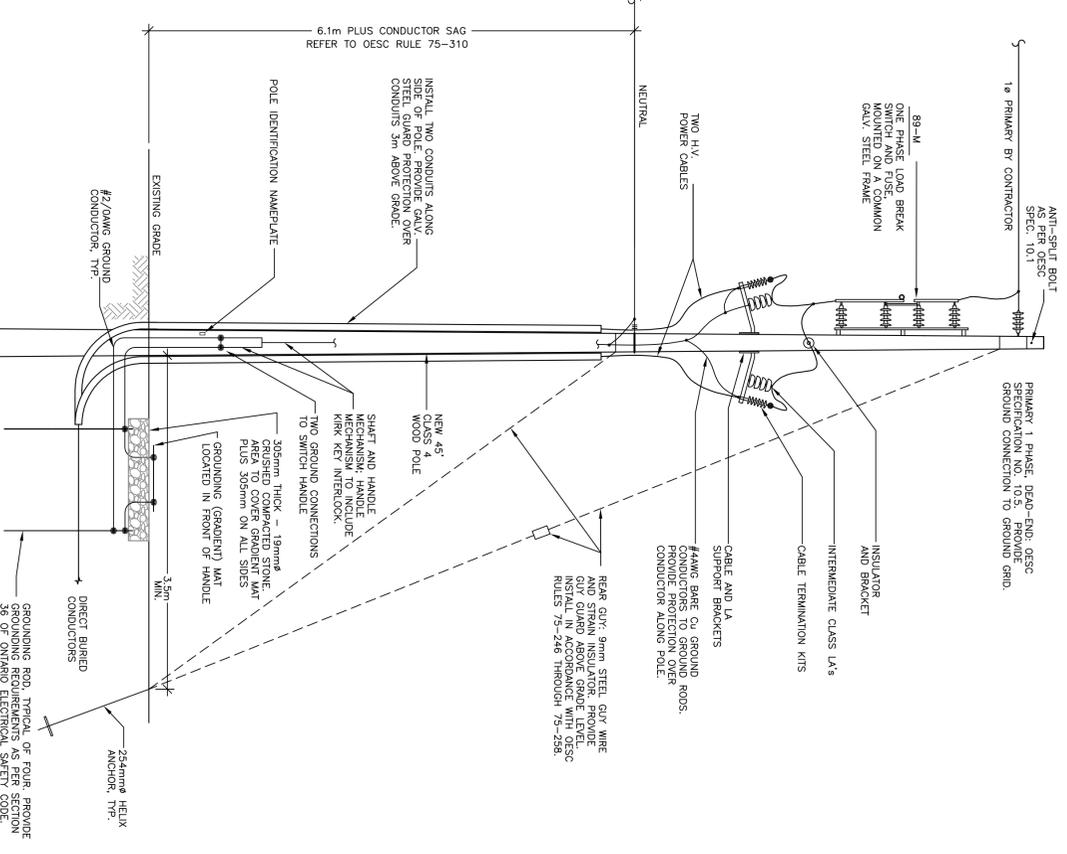




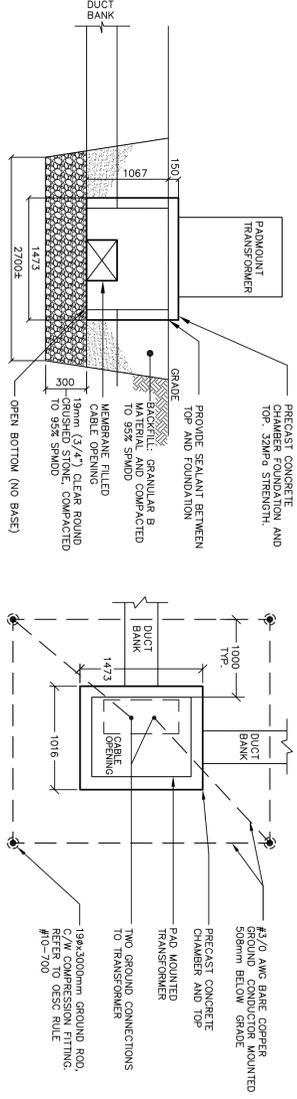
1 PROPOSED RISER POLE FOR HYDRO ONE AT P01
 E4 - NIS - WOOD PRIMARY POLES ARE TO BE "SPECIES-TREATMENT" COMBINATIONS LISTED IN TABLE 102, RULE 75-120.



2 PROPOSED METER BASE DETAIL AT P02
 E4 - NIS - WOOD PRIMARY POLES ARE TO BE "SPECIES-TREATMENT" COMBINATIONS LISTED IN TABLE 102, RULE 75-120.



3 PROPOSED TERMINATION POLE AND FUSIBLE SWITCH DETAIL AT P03
 E4 - ALL WOOD PRIMARY POLES ARE TO BE "SPECIES-TREATMENT" COMBINATIONS LISTED IN TABLE 102, RULE 75-120.



4 TYPICAL TRANSFORMER: CONCRETE CHAMBER AND GROUNDING DETAILS
 E4 - NIS - WOOD PRIMARY POLES ARE TO BE "SPECIES-TREATMENT" COMBINATIONS LISTED IN TABLE 102, RULE 75-120.

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Client: **GERMANIA BAY ISLANDS NAT. PARK PARKS CANADA AGENCY**
 Project Name: **CEDAR SPRING CAMPGROUND POWER LINE BURIAL ELECTRICAL DETAILS**
 Drawing Title: **ELECTRICAL DETAILS**
 Drawn By: **CM/HB**
 Scale: **AS SHOWN**
 Checked By: **GOR**
 Project No.: **13118M**
 Drawing No.: **E4**