



May 25, 2017

Mr. Christopher Mariotti
Parks Canada
P.O. Box 10
Jasper, AB T0E 1E0

Dear Mr. Mariotti:

**Re: Proposal for Street Lighting
Jasper National Park East Gate
Sec 11 & 14, 49-27-W5
Our File: D64812**

Thank you for giving us the opportunity to submit this Proposal for Electric Service for removal of 20 existing street lights and installation of 41 new street lights at the above noted location. We have completed our design for this work and would like you to consider the following:

Commercial Terms

- | | |
|---|--------------------------------|
| • Type of Service: | Street lighting |
| • Project Estimate: | \$414,696.00 |
| • ATCO Electric's available investment: | <u>- 53,151.00</u> |
| • Customer Contribution: | \$361,545.00 GST exempt |

The lighting fixtures are installed, owned and maintained by ATCO Electric. ATCO Electric is responsible for the full cost of end of life replacement.

Monthly charging will begin not more than 30 days following construction completion. The minimum monthly distribution wires costs on the investment option are carried forward for the life of the street lights (25 years). The initial term is five (5) years. The minimum monthly charge while idle shall be as per the applicable price schedule.

The costs provided in this proposal are estimates. Upon completion of construction, the project costs will be reconciled. If the actual cost is less than the estimate a refund will be issued, or if the actual cost exceeds the estimate additional invoicing will occur.

May 25, 2017

D64812 Jasper National Park East Gate - Street Lighting

Page 2 of 4

Electric service will be delivered based upon price schedule D61B. The monthly wires charges for price schedule D61B allow for investment recovery and capital replacement over the life of the light. Price schedules and company investments are in accordance with the ATCO Electric Customer Terms and Conditions for Electric Distribution Service as approved by the Alberta Utilities Commission.

Customer responsibility to the project includes:

- *Staking final grade in area of underground installation.*
- *Staking final grade in area of street light installations.*
- *Supplying site specific plans and survey as required by ATCO Electric.*
- *Road contractor to survey the westbound road.*
- *Road contractor to install duct for ATCO Electric or the westbound road.*
- *Ensuring any required municipal development permits are in place.*
- *Remitting payment to ATCO Electric for \$361,545.00. An invoice will be submitted to you following receipt of your acceptance of this proposal. Alternatively, a purchase order is acceptable for invoicing upon completion.*
- *Signing and returning one complete copy of this proposal letter accepting the terms and conditions of service.*

ATCO Electric's responsibility to the project includes:

- *Salvage 12 existing 150W HPS lights, davits and bases along the westbound road.*
- *Salvage 8 existing 150W HPS lights, davits and bases along the eastbound road, including credit for 7 bases installed in 2016.*
- *Supplying and installing 32 lights along the westbound road, including 31 – 161W LED and 1 – 88W LED lights on 12m davits, including breakaway bases, conductor, lamps and associated hardware. Bases are to be installed and cable pulled once the road contractor has installed duct. Davits are to be installed after road construction is completed.*
- *Supplying and installing 7 lights along the eastbound road, including 6 – 161W LED and 1 – 88W LED lights on 12m davits, including breakaway bases, conductor, lamps and associated hardware. This will take place after the westbound installation.*
- *Supplying and installing 2 – 161W LED lights on a double davit by the kiosk.*
- *Supplying and installing a secondary riser on an existing transformer pole.*
- *Supplying and installing two pedestals to serve the lights.*
- *Supplying and installing 465m 300MCM cable from the riser to the pedestals.*
- *Supplying and installing 1650m #2AL cable from the pedestals to the lights.*
- *Lighting study completed to meet or exceed TAC 2006.*
- *Survey for work on the eastbound road.*
- *Obtain an environmental assessment.*
- *Backfill the trench with existing soil for the Eastbound road. Additional costs will be incurred if this is not possible.*
- *Acquiring Parks Canada, Environment Canada, ATCO Pipelines and any other approvals as required. Cost of this project is subject to ATCO Electric's ability to acquire approvals for the routing identified in this proposal.*

May 25, 2017

D64812 Jasper National Park East Gate - Street Lighting

Page 3 of 4

You can choose to buy your electricity at competitive or regulated rates. For current information on the retailers that are registered with the Alberta Government see the Alberta Government website at www.ucahelps.alberta.ca or call toll free 310-4822 in Alberta or (780) 644-5130 outside Alberta. The regulated rate option is provided by Direct Energy Regulated Services throughout ATCO Electric's service area. Their contact number is 1-888-420-3181.

Site identification numbers will be provided at a later date.

This Proposal for Electric Service is subject to the ATCO Electric Customer Terms and Conditions for Electric Distribution Service, as amended from time to time, which is approved by the Alberta Utilities Commission. If there is any conflict or inconsistency between the terms and conditions of this Proposal for Electric Service and the terms and conditions of the ATCO Electric Customer Terms and Conditions for Distribution Electric Service, the ATCO Electric Customer Terms and Conditions for Electric Distribution Service shall prevail to the extent of the conflict or inconsistency.

ATCO Electric retains ownership and is responsible for the maintenance of the distribution and street lighting facilities.

This Proposal for Electric Service is valid for a period of 30 days. Sign the last page and return one complete copy of this proposal if you accept the costs and responsibilities set out herein. Upon receipt of your written acceptance, we will send you an invoice, which is due upon receipt. We will continue to prepare the project for construction, however construction will not commence until full payment has been received and all required approvals are in place. Alternatively, a purchase order is acceptable for invoicing after completion.

If at any time the Customer chooses to cancel the project as set out and agreed to by the Customer in this proposal, the Customer agrees to pay for all charges incurred by the Company associated with the project.

Thank you for working with us to provide your electric service requirements. If you would like to discuss this proposal, please call me at 780-538-7090. I would also be happy to discuss any other electric service requirements you may have.

Sincerely,

ATCO Electric Ltd.



FOR Lee Lebedynski
Customer Services Representative
South Peace District

Attachment: Design drawing

May 25, 2017

D64812 Jasper National Park East Gate - Street Lighting

Page 4 of 4

This estimate is subject to the following assumptions:

- Winter construction
- Standard construction practices
- Route selection, site location and scope of work as outlined in field check
- No unforeseen changes beyond ATCO Electric's control
- ATCO Electric can obtain all necessary permits and approvals
- There are no obstructions to construction from any parties
- Any changes due to site conditions may result in additional costs
- Hydrovac is required to locate buried pipelines and cables
- Survey for the westbound lights & cable to be completed by the contractor
- Completion of the project from the date of acceptance is anticipated to be 182 days

ATCO Electric's website, www.atcoelectric.com can be accessed to view the following documents:

- Current approved Customer Terms and Conditions for Electric Distribution Service
- Customer Guide to New Extensions
- Price Schedules/Distribution Tariffs

Fax #780-538-7040 or email lee.lebedynski@atco.com

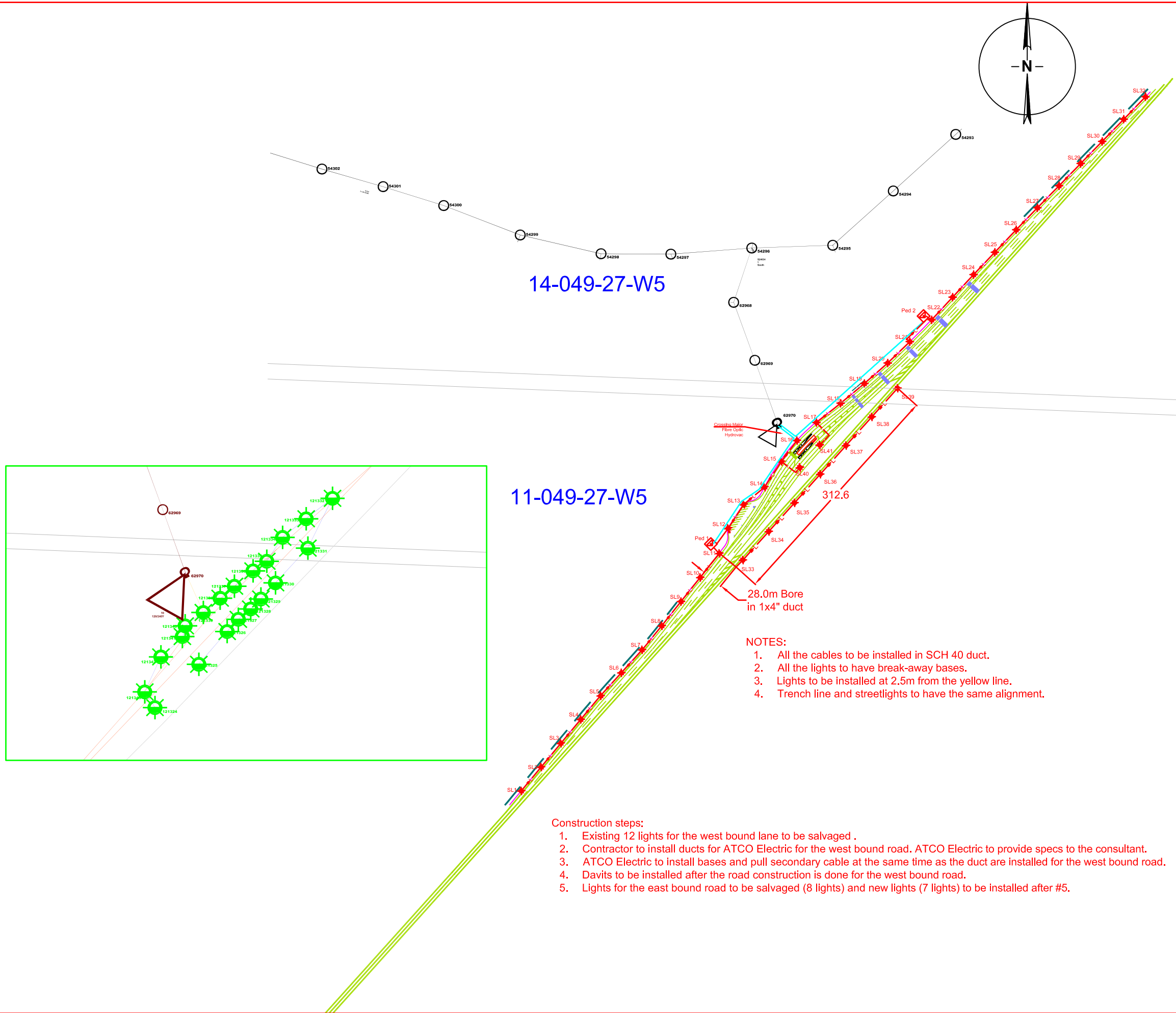
I, _____, request ATCO Electric to proceed with construction
Customer name (please print)
of the electrical distribution project proposed in this letter.

The Customer acknowledges that it has reviewed this Proposal for Electric Service in its entirety and understands these Terms and Conditions and agrees to be bound by them.

Parks Canada

Per: _____

Dated: _____



Construction steps:

1. Existing 12 lights for the west bound lane to be salvaged .
2. Contractor to install ducts for ATCO Electric for the west bound road. ATCO Electric to provide specs to the consultant.
3. ATCO Electric to install bases and pull secondary cable at the same time as the duct are installed for the west bound road.
4. Davits to be installed after the road construction is done for the west bound road.
5. Lights for the east bound road to be salvaged (8 lights) and new lights (7 lights) to be installed after #5.

NOTES:
1) ALL DIMENSIONS ARE IN METER IF NOT OTHERWISE SPECIFIED.
2) BLACK - EXISTING ATCO STRUCTURE
RED - NEW ATCO STRUCTURE
GREEN - SALVAGED ATCO STRUCTURE
3) SITE ID: N/A

AS BUILT

☐ No Changes
☐ Changes Shown In red

Date: _____

Crew Lead _____ (print name)
Crew Lead _____ (Signature)

LEGEND:

POWER POLE		ANCHOR	
O/H TRANSFORMER		CIRCUIT PROTECTORS	
LUMINAIRE		GANG SWITCH	
RISER POLE		1 PH./3 PH. TRANSFORMER	
FUSED SWITCH		SWITCH CUBES	
300 MCM UG		ST Light Secondary	
O/H 1 PHASE		O/H 3 PHASE	
O/H 1PH. W/ NEUTRAL		O/H 3PH. W/ NEUTRAL	
U/G 1 PHASE		U/G 3 PHASE	

ENGINEERING APPROVAL

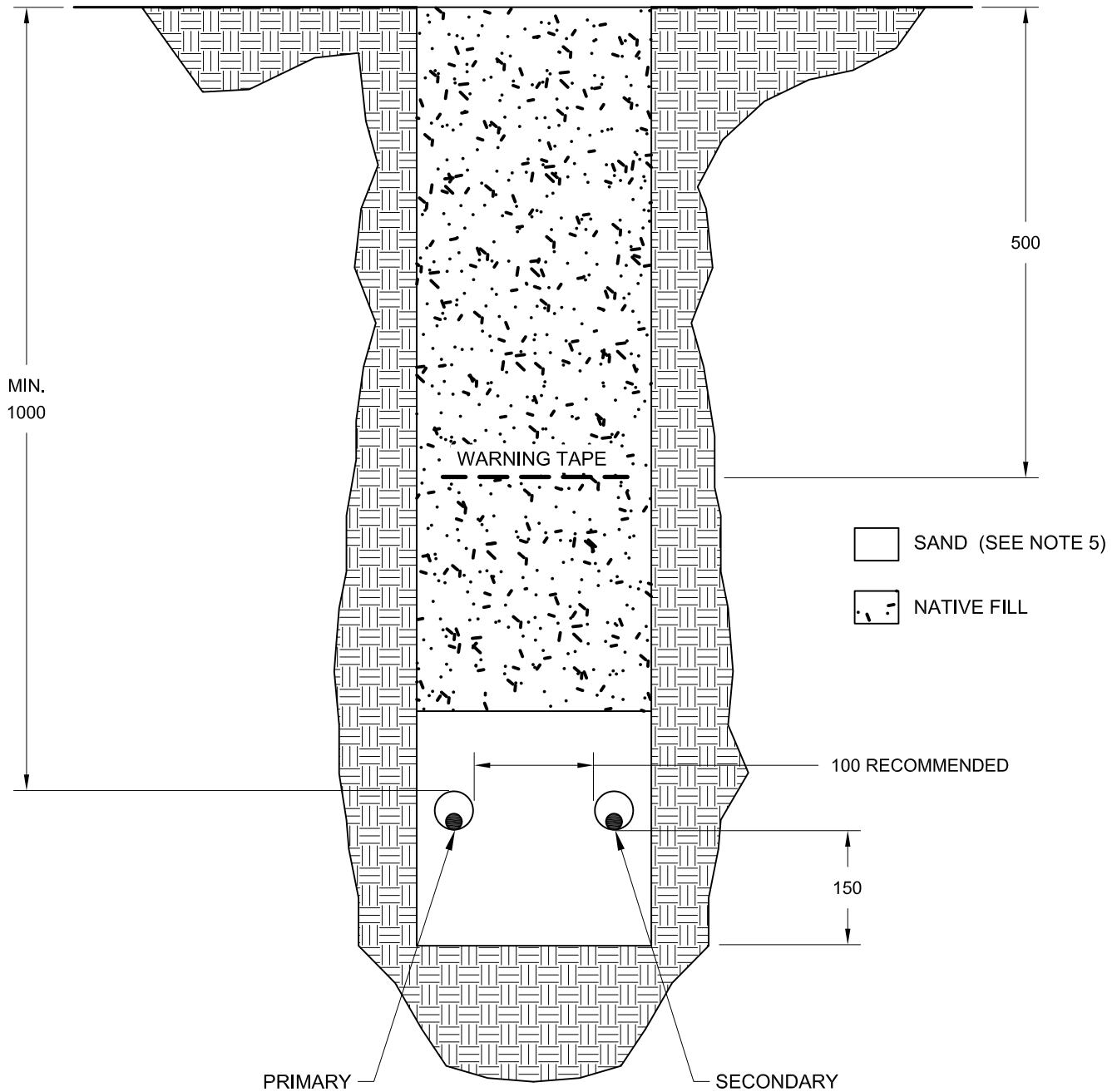
NOT FOR CONSTRUCTION

ATCO Electric Ltd.
APEGA Permit to Practice # P850

REV	DATE	DESCRIPTION	BY
0	05/18/2017	Preliminary Design	SA



PROJECT NO.:	D64812	LOCATION:	Jasper
DRAWING TITLE: Parks Canada Jasper East Gate Jasper			
DRAWN BY:	S. Amin	DATE:	05-18-2017
CHECKED BY:	S. Landon	SCALE:	1:5000
DWG #:	D64812-300-1-1		



NOTES:

1. BACKFILLING SHALL BE AS PER ROAD AUTHORITY.
2. ENGINEERING TO SPECIFY CONDUIT SIZE, CABLE SIZE, AND NUMBER OF CABLES PER CONDUIT.
3. ENSURE DEPTH OF BURIAL WILL BE 1000mm MINIMUM AT BOTH ROUGH AND FINAL GRADE.
4. IN SOME CASES, DEPTH OF BURIAL MAY BE REDUCED FROM THESE REQUIREMENTS TO AS LITTLE AS 600mm UNDER SPECIFIC CIRCUMSTANCES TO SAVE COSTS. SEPARATIONS MAY ALSO BE REDUCED IN CERTAIN SITUATIONS. CONTACT ENGINEERING FOR APPROVAL IF DEVIATING FROM 1000mm BURIAL DEPTH OR SPECIFIED SEPARATION IS DESIRABLE.
5. UNLESS STATED OTHERWISE BY ENGINEERING, CONSTRUCTION CAN MAKE JUDGEMENT CALL ON SITE ON WHETHER SAND BACKFILL IS REQUIRED. SAND SHOULD BE USED WHEN NATIVE BACKFILL IS NOT SUITABLE DUE TO RISK OF DAMAGE TO CABLES OR CONDUITS, OTHERWISE NATIVE BACKFILL MAY BE PREFERABLE TO REDUCE COSTS OF INSTALLATION.

DIMENSIONS IN mm

ENGINEERING APPROVAL



DRAWING TITLE AND SUBTITLE:

TRENCH DETAIL SINGLE PARTY
PRIMARY & SECONDARY IN CONDUIT

REV.	DATE	DESCRIPTION
3	2017-06-01	UPDATED NOTE 4 AND ADDED NOTE 5
2	2016-12-01	REVISED MEASUREMENTS AS PER CSA
1	2015-01-16	REMOVE URD TURNKEY REFERENCE
0	2013-03-28	INITIAL RELEASE
DRAWN BY: J. WONG		PAGE: 1 OF 1
CHECKED BY: R. WEDEWER		DRAWING No: U2
APPROVED BY: R. WEDEWER		

ATCO Electric Ltd.
APEGA Permit to Practice # P850