



100mm O.D. UG BELLY
EXTEND TO FROM EDGE OF ROAD

UG TECK CABLE

PROPOSED HARRY'S
HILL LIFT STATION

PROPOSED
SEWER LINE

TRANSFORMER GROUND GRID TO
BE BUNDLED TO EXISTING FENCE.

TRANSFORMER DOOR
TO FACE SOUTH

3-PHASE TRANSFORMER, 500 kVA AND BELOW PAD AS PER
FORTIS ALBERTA DRAWING 750-0507 (MULTI-GROUNDED
NEUTRAL), SERVICE GUARD POSTS 1302 AT EACH CORNER
OF TRANSFORMER. METERING TO BE PAD MOUNT.

UTILITY CROSSINGS

2 - 102 mm O.D. DUCTS WITH PULL ROPES
AND WARNING TAPE. STANDARD FORTIS
ALBERTA TRENCH

INSTALL MARKER BALL

CONCRETE ENCASED HORIZONTAL 90° ELBOW

3 - 102 mm O.D. DUCTS WITH PULL ROPES
AND WARNING TAPE. STANDARD FORTIS
ALBERTA TRENCH

SWITCHING CUBICLES PAD AS PER FORTIS ALBERTA
DRAWING 750-0507 (MULTI-GROUNDED NEUTRAL)
SWITCHING CUBICLES DOORS TO FACE N/E/S/W

GROUND GRID

EXISTING TRANSFORMER

EXISTING VAULT

EXISTING VAULT

EXISTING VAULTS

3 - 102 mm O.D. DUCTS WITH PULL ROPES
AND WARNING TAPE. STANDARD FORTIS ALBERTA
TRENCH. CONTACT FORTIS ALBERTA PRIOR TO
TRENCHING IN FACILITY OF ENGAGED FORTIS
ALBERTA FACILITIES.

NOTES:

- ONLY CONSTRUCTION CONTRACTORS PRE-REGISTERED BY FORTIS ALBERTA SHALL INSTALL TRANSFORMER BASES, SWITCH CUBICLE PADS, GROUNDING AND DUCTS.
- FORTIS ALBERTA TO INSPECT ALL FACILITIES PRIOR TO BACKFILL.
- FORTIS ALBERTA FACILITIES TO BE 3m FROM ALL DEEP UTILITIES.
- FORTIS ALBERTA FACILITIES TO BE 1m FROM ALL SHALLOW UTILITIES.
- FURTHER DETAILS CAN BE FOUND ON THE FORTIS ALBERTA PRE-CAST BASE, GROUND NG, AND DUCTING PROCESS <http://fortisalberta.com/for-business-industry/construction>
- CONTRACTOR TO PROVIDE ACCURATE RED LINE INFORMATION AND RECORDS OF ALL CONSTRUCTION TO CREATE AS-BUILT PLANS OF THE INSTALLATION.
- FINISHED GROUND ELEVATION ALONG THE DUCT ROUTE AND AROUND TRANSFORMER PAD AND SWITCH CUBICLE TO MATCH EXISTING GROUND ELEVATION.

R.D.L.

No.	Date/Date	Description/Description	Checked by/Contrôlé par	Approved/Approuvé

<p>Revisions / Révisions</p> <table border="1"> <tr> <td>A</td> <td> </td> <td>A</td> <td> </td> </tr> <tr> <td>B</td> <td> </td> <td>B</td> <td> </td> </tr> <tr> <td>C</td> <td> </td> <td>C</td> <td> </td> </tr> </table>	A		A		B		B		C		C		<p>Client's Name Nom de l'employeur</p> <p>AE Associated Engineering</p>	<p>Proj. No./N^o de projet</p> <p>AFC</p>
A		A												
B		B												
C		C												

<p>Client/Client</p> <p>1-8 Parks Canada Agency Westman and Northern Region</p>	<p>L'Agence Parcs Canada Ouest et Nord du Canada</p>
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Project title/Titre du projet

LAKE LOUISE TOWNSITE
2018 HARRY'S HILL LIFT STATION AND
WATER SUPPLY LINE UPGRADES CONTRACT
BANFF NATIONAL PARK

Drawing title/Titre de dessin

LIFT STATION
ELECTRICAL SITE PLAN

Surveyed by/Relevé par	Drawn by/Dessiné par	Check/Contrôlé
Designed by/Conçu par	Reviewed by/Revisé par	Scale/Echelle
Project No./N ^o de projet: 307904-05		
Drawing No./N ^o de référence de dessin: 3084-02-E-121		

1 PLAN 1:250
HARRY'S HILL LIFT STATION