

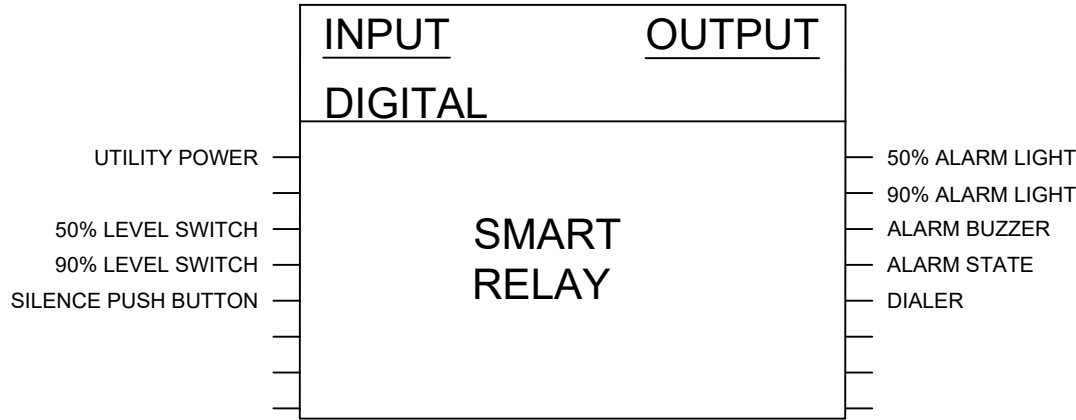
FILE: G:\PROJECTS\5611-00763-00 PARKS HWY 16 GATE\10.0 DRAWINGS\ELECTRICAL TRANSFER\2017-11-17E-3X - EAST GATE\E-3X - EAST GATE MESSAGE CENTER 2611.DWG PLOTTED: 2018/02/14 4:05 PM

PROPOSED SEQUENCE OF CONTROL

A SUMMARY OF THE SEQUENCE OF OPERATION IS INCLUDED BELOW FOR REFERENCE.

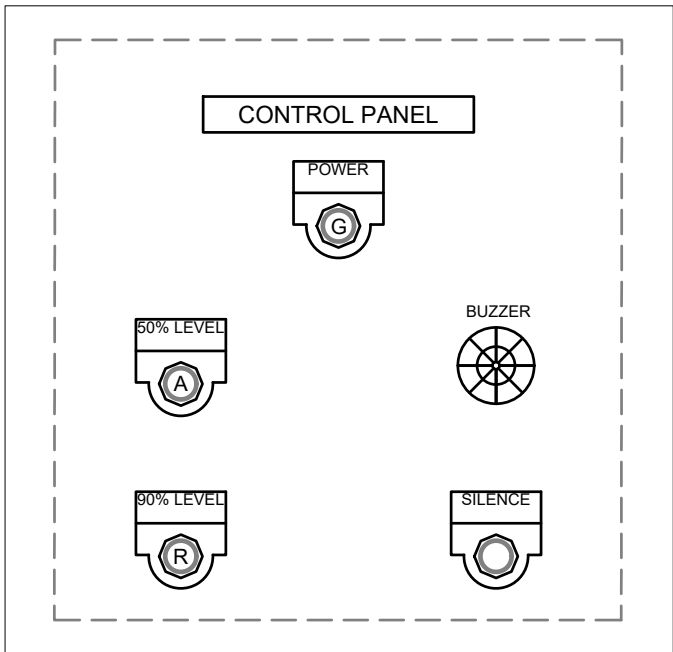
LEVEL MONITORING:

- 50% LEVEL:
  - WHEN 50% LEVEL FLOAT IS ACTIVATED - AMBER LIGHT IS TO BE TURNED ON
  - WHEN 50% LEVEL FLOAT IS ACTIVATED - ALARM SIGNAL IS SENT TO CELLULAR DIALER ON SECURITY SYSTEM
- 90% LEVEL:
  - WHEN 90% LEVEL FLOAT IS ACTIVATED - RED LIGHT IS TO BE TURNED ON AND EXTERIOR STROBE LIGHT TURNED ON
  - WHEN 90% LEVEL FLOAT IS ACTIVATED - ALARM SIGNAL IS SENT TO CELLULAR DIALER ON SECURITY SYSTEM
  - WHEN 90% LEVEL FLOAT IS ACTIVATED - OUTDOOR ALARM BUZZER, INDOOR PANEL BUZZER AND EXTERIOR STROBE ARE TO BE TURNED ON.
- SILENCE PUSH BUTTON:
  - WHEN SILENCE PUSHBUTTON IS DEPRESSED - ALARM BUZZER IS TO BE DEACTIVATED ON PANEL AND EXTERIOR STROBE
  - ALARM LIGHTS ARE TO REMAIN ON
- SYSTEM RESET
  - WHEN 50% AND 90% LEVEL FLOATS ARE DEACTIVATED - SYSTEM IS TO RESET AND ALARM BUZZER IS TO BE ABLE TO RE-SOUND



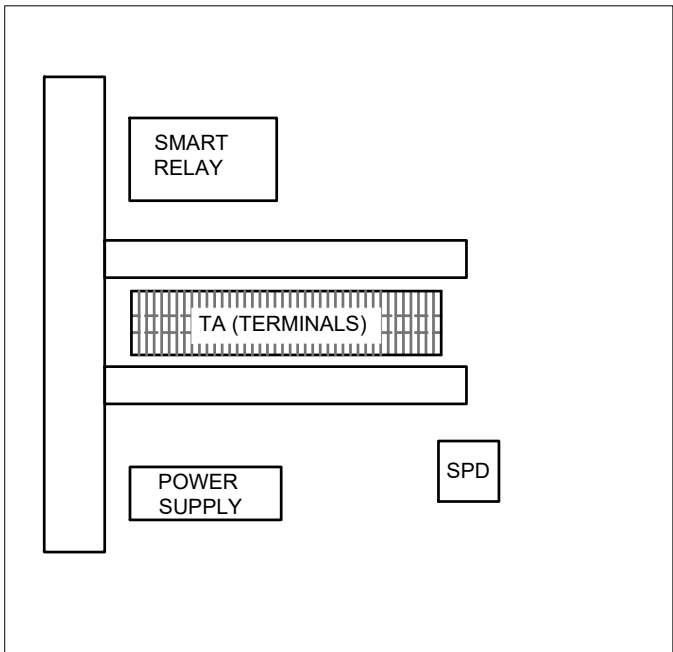
CONTROL PANEL I/O DIAGRAM

SCALE: NOT TO SCALE



CONTROL PANEL COVER LAYOUT

SCALE: NOT TO SCALE

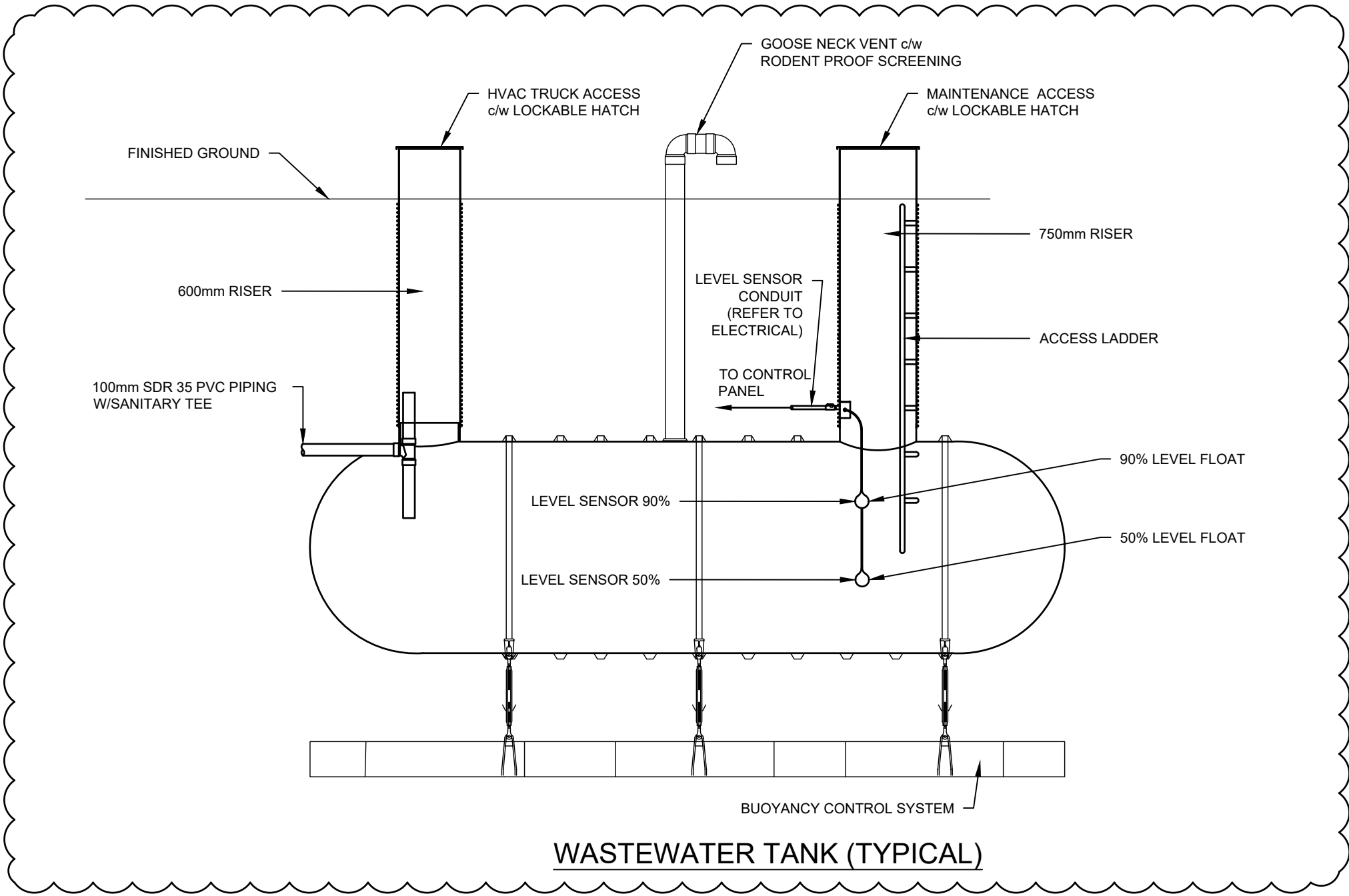


CONTROL PANEL INTERNAL LAYOUT

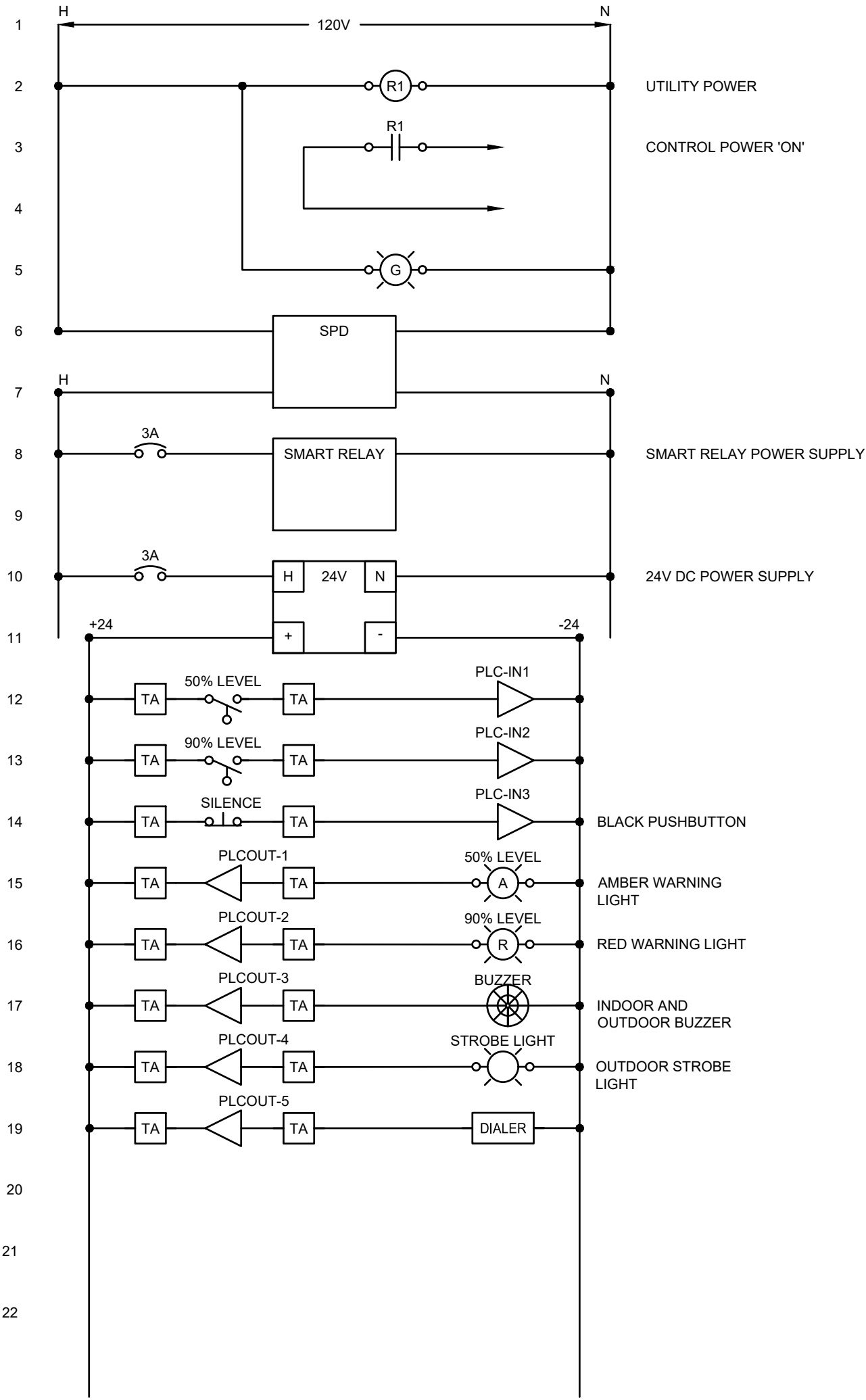
SCALE: NOT TO SCALE

CONTROL PANEL NOTES:

- EXACT SIZE AND LAYOUT OF CONTROL PANEL TO SUIT SITE CONDITIONS AND OWNER REQUIREMENTS. LAYOUT SHOWN IS SCHEMATIC ONLY.
- PROVIDE PROGRAMMING & COMMISSIONING OF SYSTEM TO SUIT OWNER & FACILITY REQUIREMENTS.
- CONTROL PANEL IS TO HAVE 25% (MINIMUM) SPARE INPUTS & OUTPUTS ON PLC.



WASTEWATER TANK (TYPICAL)



CONTROL PANEL WIRING DIAGRAM

SCALE: NOT TO SCALE

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Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
1	2018.02.14	LABELING CORRECTIONS	AI	ADT	NJ
0	2017.12.08	ISSUED FOR TENDER	RG	TI	LL

<div><div><div>A</div><div>B</div><div>C</div></div><div><div>A</div><div>B</div><div>C</div></div></div> <div><div>A</div><div>B</div><div>C</div></div> <div><div>A</div><div>B</div><div>C</div></div>	<div><div>A</div><div>B</div><div>C</div></div> <div><div>A</div><div>B</div><div>C</div></div>
Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur

Client	<div><div><div><div></div><div></div></div><div><div>Parks Canada Agency Western and Northern Region</div><div>L'Agence Parcs Canada Ouest et Nord du Canada</div></div></div></div>
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Consultant's Name Nom de l'expert-conseil	<div><div><div><div></div><div></div></div><div><div>McElhanney</div><div>McElhanney Consulting Services Ltd.</div></div></div></div>
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Project Title Titre du projet	<div><div><div><div>HIGHWAY 16 PARK EAST GATE IMPROVEMENTS</div><div>JASPER NATIONAL PARK AB</div></div></div></div>
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Drawing Title Titre du dessin	<div><div><div><div>ELECTRICAL LEVEL CONTROLS</div><div>--</div></div></div></div>
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Surveyed by / Arpenté par MCSL	Drawn by / Dessiné par RG	Date 2017.12.08
Designed by / Conçu par TI	Reviewed by / Révisé par LL	Scale / Echelle NTS

Parks Canada Project Manager / Administrateur de Projets Parcs Canada		
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Client Acceptance / Acceptation du client	Approved by / Approuvé par	
<div><div><div><div></div><div></div></div><div><div>Parks Canada Responsible Officer / Agent Responsable Parcs Canada</div></div></div></div>	<div><div><div><div></div><div></div></div><div><div>Parks Canada Project Manager / Administrateur de Projets Parcs Canada</div></div></div></div>	

Project No. / No. du projet 1285	Asset No. / No. du-bien	Sheet No. No. de la feuille E-31
Drawing Reference No. / No. de référence du dessin 2511-00763-00		

