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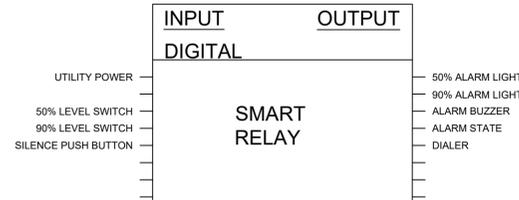
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PROPOSED SEQUENCE OF CONTROL

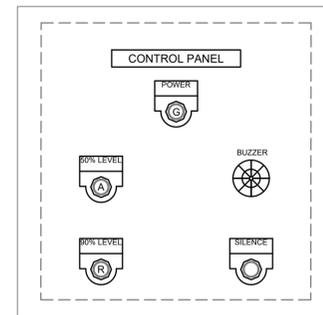
A SUMMARY OF THE SEQUENCE OF OPERATION IS INCLUDED BELOW FOR REFERENCE.

LEVEL MONITORING:

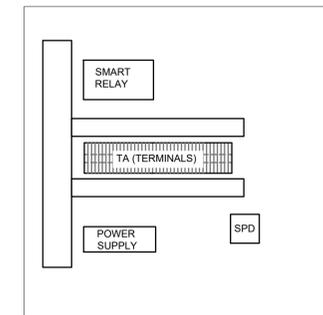
1. 50% LEVEL:
 - 1.1. WHEN 50% LEVEL FLOAT IS ACTIVATED - AMBER LIGHT IS TO BE TURNED ON
 - 1.2. WHEN 50% LEVEL FLOAT IS ACTIVATED - ALARM SIGNAL IS SENT TO CELLULAR DIALER ON SECURITY SYSTEM
2. 90% LEVEL:
 - 2.1. WHEN 90% LEVEL FLOAT IS ACTIVATED - RED LIGHT IS TO BE TURNED ON AND EXTERIOR STROBE LIGHT TURNED ON
 - 2.2. WHEN 90% LEVEL FLOAT IS ACTIVATED - ALARM SIGNAL IS SENT TO CELLULAR DIALER ON SECURITY SYSTEM
 - 2.3. WHEN 90% LEVEL FLOAT IS ACTIVATED - OUTDOOR ALARM BUZZER, INDOOR PANEL BUZZER AND EXTERIOR STROBE ARE TO BE TURNED ON.
3. SILENCE PUSH BUTTON:
 - 3.1. WHEN SILENCE PUSHBUTTON IS DEPRESSED - ALARM BUZZER IS TO BE DEACTIVATED ON PANEL AND EXTERIOR STROBE
 - 3.2. ALARM LIGHTS ARE TO REMAIN ON
4. SYSTEM RESET
 - 4.1. 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



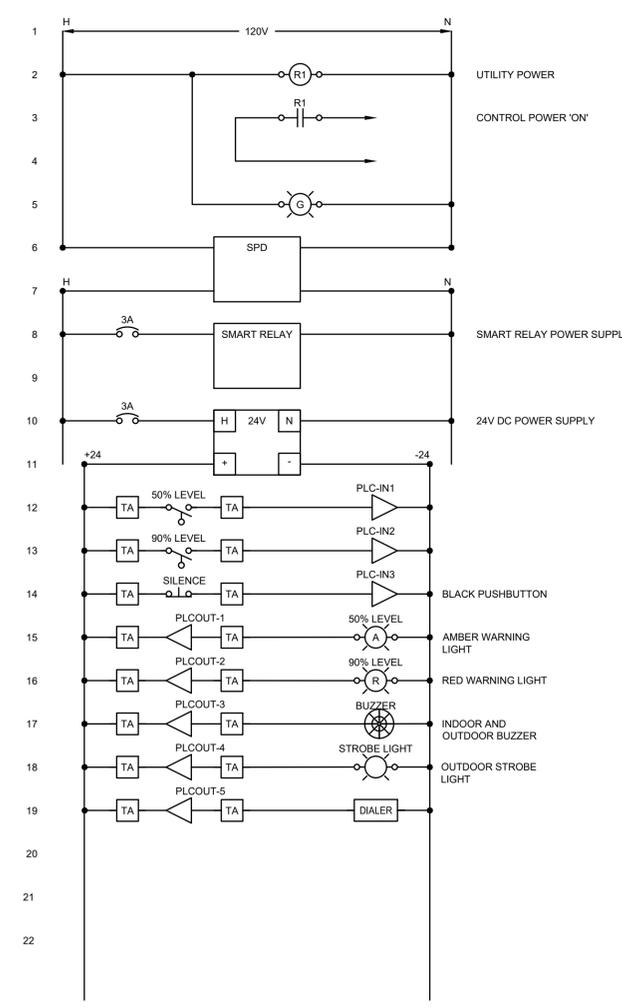
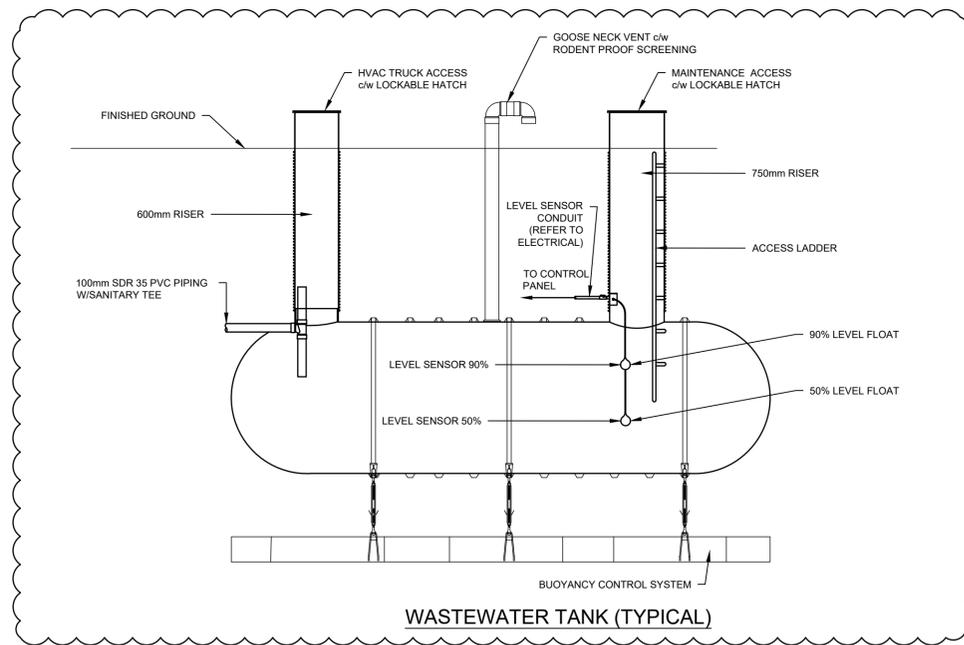
CONTROL PANEL COVER LAYOUT
SCALE: NOT TO SCALE



CONTROL PANEL INTERNAL LAYOUT
SCALE: NOT TO SCALE

CONTROL PANEL NOTES:

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



CONTROL PANEL WIRING DIAGRAM
SCALE: NOT TO SCALE

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

A B C	detail number numéro de detail source drawing no. de dessin no. detail on drawing no. detail sur dessin no.	A B C
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client	Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord du Canada
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Consultant's Name Nom de l'expert-conseil	 McElhanney McElhanney Consulting Services Ltd.
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Project Title Titre du projet	HIGHWAY 16 PARK EAST GATE IMPROVEMENTS JASPER NATIONAL PARK AB
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Drawing Title Titre du dessin	ELECTRICAL LEVEL CONTROLS --
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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 / Revisé par LL	Scale / Echelle NTS

Parks Canada Project Manager / Administrateur de Projets Parcs Canada	
Client Acceptance / Acceptation du client	Approved by / Approuvé par

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		

FILE: G:\PROJECTS\2511-00763-00-PARKS HWY 16 GATE\10-DRAWINGS\ELECTRICAL\TRANSFER\2017-11-17E-3X-EAST GATEE-3X-EAST GATE MESSAGE CENTER 2511.DWG PLOTTED: 2018/02/14 4:05 PM

