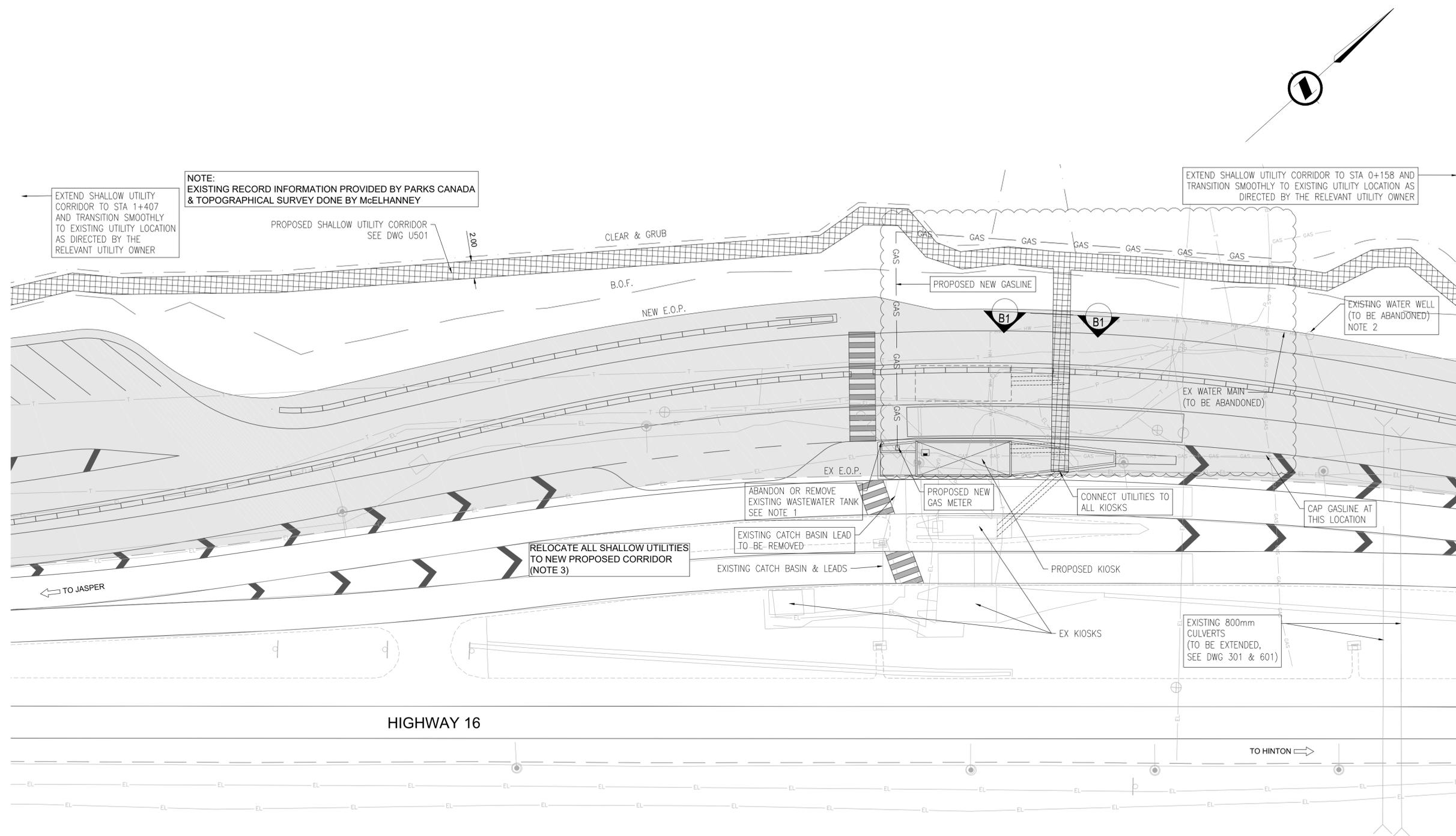


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NOTE:
EXISTING RECORD INFORMATION PROVIDED BY PARKS CANADA & TOPOGRAPHICAL SURVEY DONE BY McELHANNEY

EXTEND SHALLOW UTILITY CORRIDOR TO STA 1+407 AND TRANSITION SMOOTHLY TO EXISTING UTILITY LOCATION AS DIRECTED BY THE RELEVANT UTILITY OWNER

PROPOSED SHALLOW UTILITY CORRIDOR SEE DWG U501

EXTEND SHALLOW UTILITY CORRIDOR TO STA 0+158 AND TRANSITION SMOOTHLY TO EXISTING UTILITY LOCATION AS DIRECTED BY THE RELEVANT UTILITY OWNER

EXISTING WATER WELL (TO BE ABANDONED) NOTE 2

EX WATER MAIN (TO BE ABANDONED)

ABANDON OR REMOVE EXISTING WASTEWATER TANK SEE NOTE 1

PROPOSED NEW GAS METER

CONNECT UTILITIES TO ALL KIOSKS

CAP GASLINE AT THIS LOCATION

RELOCATE ALL SHALLOW UTILITIES TO NEW PROPOSED CORRIDOR (NOTE 3)

EXISTING CATCH BASIN LEAD TO BE REMOVED

EXISTING CATCH BASIN & LEADS

PROPOSED KIOSK

EXISTING 800mm CULVERTS (TO BE EXTENDED, SEE DWG 301 & 601)

TO JASPER

HIGHWAY 16

TO HINTON

NOTES

- THE EXISTING WASTEWATER TANK IS TO BE REMOVED AND WASTED OFF SITE OR ABANDONED IN PLACE:
A. IF WASTED OFF SITE, VOID TO BE FILLED WITH NATIVE MATERIAL, APPROVED BY THE DEPARTMENT REPRESENTATIVE AND FREE OF FROZEN MATERIAL OR ANY ORGANICS. FILL TO BE COMPACTED TO 98%, COMPLETED IN 300MM(MAX) LIFTS.
B. IF TANK TO BE ABANDONED IN-PLACE, THIS IS TO BE IN ACCORDANCE WITH REQUIREMENTS OUTLINED IN THE ALBERTA MUNICIPAL AFFAIRS AND THE ALBERTA PRIVATE SEWAGE SYSTEM STANDARDS HANDBOOK (KEY POINTS SUMMARIZED BELOW, NOT A COMPLETE LIST OF REQUIREMENTS)
 - REMOVAL OF ALL MATERIAL AND LIQUIDS WITHIN THE TANK, DISINFECT INTERIOR.
 - REMOVE ANY INSTRUMENTATION OR ITEMS CONTAIN MERCURY (SUCH AS FLOATS), DISPOSING OF HAZARDOUS MATERIAL APPROPRIATELY
 - CRUSH AND PIERCE THE TOP AND BOTTOM OF THE TANK, ENSURING FREE DRAINAGE
 - FILL ENTIRE TANK WITH 20MM DIAMETER, SELF COMPACTING GRANULAR MATERIAL (PEA GRAVEL) ENSURING ALL VOIDS ARE FILLED, PLACE FILTER FABRIC OVER ENTIRE TOP OF THE TANK TO ENSURE NO FINES WILL MIGRATE INTO THE GRANULAR MATERIAL.
 - ENSURE ALL FILL MATERIAL AND AREA ABOVE THE ABANDONED TANK IS COMPACTED AS PER THE NEEDS OF THE PROJECT.
- EXISTING WATER WELL TO BE ABANDONED BY A CERTIFIED WATER WELL DRILLER, REGISTERED IN THE PROVINCE OF ALBERTA OR BRITISH COLUMBIA. WATER WELL TO BE ABANDONED IN ACCORDANCE WITH APPROVED METHOD, OUTLINED BY ALBERTA AGRICULTURE AND FORESTRY ("PLUGGING ABANDONED WELLS") [HTTP://WWW1.AGRIC.GOV.AB.CA/\\$DEPARTMENT/DEPTDOCS.NSF/ALL/WWG414](http://www1.agric.gov.ab.ca/$DEPARTMENT/DEPTDOCS.NSF/ALL/WWG414)
- CONTRACTOR TO PROVIDE SHOP DRAWINGS TO REVIEW AND APPROVAL BY THE DEPARTMENT REPRESENTATIVE PRIOR TO UNDERTAKING THIS WORK.

1	2018.02.14	SHALLOW UTILITIES ALIGNMENT	AI	ADT	NJ
0	2017.12.08	ISSUED FOR TENDER	AI	ADT	SB
Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé

A	detail number	A
B	numéro de detail	B
C	source drawing no. de dessin no.	C
	detail on drawing no. detail sur dessin no.	

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client

Parks Canada Agency
Western and Northern Region

L'Agence Parcs Canada
Ouest et Nord du Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney
McElhanney Consulting Services Ltd.

Project Title
Titre du projet

**HIGHWAY 16
PARK EAST GATE IMPROVEMENTS**

JASPER NATIONAL PARK AB

Drawing Title
Titre du dessin

**PROPOSED
UTILITY REALIGNMENT CORRIDOR
AND EXISTING UTILITIES DEMO**

Surveyed by / Arpenté par MCSL	Drawn by / Dessiné par AI	Date 2017.12.08
Designed by / Conçu par ADT	Reviewed by / Révisé par SB	Scale / Echelle 1:250

Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Client Acceptance / Acceptation du client	Approved by / Approuvé par
Parks Canada Responsible Officer / Agent Responsable Parcs Canada	Parks Canada Project Manager / Administrateur de Projets Parcs Canada
Project No. / No. du projet 201605	Asset No. / No. du-Bien
	Sheet No. / No. de la feuille U402

Drawing Reference No. / No. de référence du dessin
2511-00763-00

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