

ADDENDUM No. NORR-001

**Highway 16 Park East Gate Improvements
East Gate Kiosk – Parks Canada Agency**

NORR Project No.: NCCA16-0188-00

TO: ALL BIDDERS OF RECORD

RE: ADDENDUM NO. 01, Date: 2018-02-14

Attached is a copy of **Addendum No. 001 dated February-14, 2018**, consisting of **8 pages**, including the cover sheet, and the following attachments:

ADDENDUM NO. 001:

Architectural:

Drawings:

1. A20-00-01
2. A30-00-01

Mechanical

Drawings:

1. M2
2. M3

Electrical:

Drawings:

1. E10-00-00

The following items shall constitute an addendum to the Drawings and Specifications for the above noted project. Allow for and include in the Bid all costs/credits applicable to the noted clarifications.

Bidders are reminded that, with respect to the Bid Form, should any item be omitted or illegible, should any alteration be made to the text, or should any condition be added on or submitted with the Bid Form, the bid may be declared invalid and rejected by the Departmental Representative.



NORR Architects Engineers Planners
Audrina Lim
Project Manager

NORR Architects Engineers Planners

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This Addendum forms part of the Bid and Contract Documents and modifies them as follows:

CLARIFICATIONS:

1. Architectural:

- a) Drawing A20-00-01: Add to detail 02 Floor Plan: new location of existing ATCO Gas meter to south west face of proposed Kiosk.
- b) Drawing A30-00-01:
 - a. Detail 1 title correction: North East Elevation / Project North Elevation.
 - b. Detail 3 title correction: South West Elevation / Project South Elevation
 - c. Detail 3: Add new location of existing ATCO Gas meter to south west face of proposed Kiosk. Maintain minimum 1m above grade clearance and 1m away from operable openings.
- c) Drawing A30-00-01: detail 3 now indicates 750mm high x 800mm wide max opening to the north wall of the service crawl space. This is to be coordinated with McElhanney drawing detail B1 on U501. Contractor to provide concrete gasket to hold conduits in place in the wall opening and ensure appropriate vapour and air-tight seal. Final location of opening to be confirmed on site.

2. Mechanical:

- a) Refer to mechanical drawing M2 – mechanical site plan:
 - 1) Revise site plan to accommodate civil changes.
 - 2) Relocate existing gas meter to new kiosk. Provide gas load schedule for clarification.
- b) Refer to mechanical drawing M3 – plumbing plan:
 - 1) Connect new gas line from relocated gas meter to serve new and existing kiosks.
 - 2) Provide clarification for leaving storm and sanitary inverts from new kiosk.

3. Electrical:

- a) Drawing E10-00-00: **note 3** indicating routing location of **2 – 100mm** power conduits and **2-100mm** spare conduits (**total of 4 – 100mm conduits**) to be located within north utility corridor as per McElhanney Addendum Drawings.
- b) Drawing E10-00-00: **note 4** indicating routing location of **2 – 100mm** power conduits and **2-100mm** Telecom Conduits, **1-100mm** Fiber Conduit for new kiosks and **2 – 100mm** spare conduits (**total of 7 – 100mm conduits**) to be located within north utility corridor as per McElhanney Addendum Drawings.
- c) Drawing E10-00-00: **note 5** indicating routing location of **2 – 100mm** power conduits and **2-100mm** Telecom Conduits, (**total of 4 – 100mm conduits**) to be located within north utility corridor as per McElhanney Addendum Drawings.

- d) Drawing E10-00-00: **note 7** indicating routing location of **3 – 50mm** power conduits to be located within north utility corridor as per McElhanney Addendum Drawings.
- e) Drawing E10-00-00: **note 9** indicating routing location of **1 – 50mm** septic tank alarm conduit to be located within north utility corridor as per McElhanney Addendum Drawings.
- f) Drawing E10-00-00: **note 21** indicating routing location of **1 – 50mm** power conduit and **1-50mm** Controls Conduits (**total of 2 – 50mm conduits**) to be located within north utility corridor as per McElhanney Addendum Drawings.
- g) Drawing E40-00-00: delete detail 01. Refer to McElhanney Addendum Drawings U501.

Loc.: P:\NCCA16-0188 - Jasper Eastgate Kiosk\300-Bid\310-Corr\313-Addenda

END OF ADDENDUM No. 001

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Client client

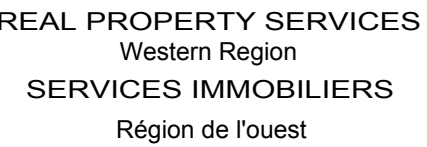


HIGHWAY 16 PARK EAST GATE IMPROVEMENTS EAST GATE KIOSK

Drawing title	Titre du dessin
<p>SEAM SPACE</p>	

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
PCA1285	A20-00-01 OF	5





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Client client



Parks
Canada

Parcs
Canada

Project title	Project
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Designed by	Çongu p
A.Godek	

Drawn by _____ Dessiné par _____

A.Godek / D.Fletcher

Approved by	Approuvé par
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B. McKenzie

PWGSC Project Manager Administrateur de Projets TPSG

C. Mariotti

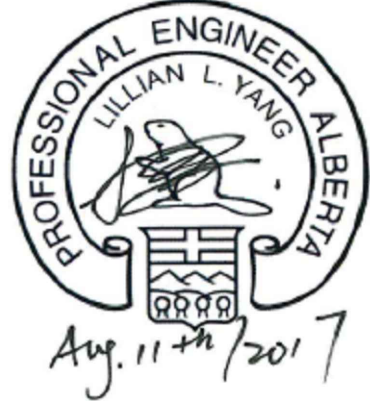
Drawing title	Titre du dessin
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BUILDING ELEVATIONS

PWGSC - A1 - 841X594NCCA1601 ☐

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Chris Pui, P.Eng., APEGA

6	ISSUED FOR ADDENDUM 01	2018/02/14
5	100% - ISSUED FOR BP	2017/08/11
4	FINAL REVIEW	2017/08/04
3	RE-ISSUED FOR 90% REVIEW	2017-03-09
2	90% PROGRESS REVIEW	2017-02-28
1	ISSUED FOR COST ESTIMATION	2017-02-13

Revised	Description	Date
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Client	Client
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Project title	Projet
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HIGHWAY 16 PARK EAST
GATE IMPROVEMENTS
EAST GATE KIOSK

Designed by	Conçu par
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K. QUANG	
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Drawn by	Dessiné par
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K. QUANG	
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Sponsored by	Approuvé par
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L. YANG	
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Project Manager	Administrateur de Projets IPSG
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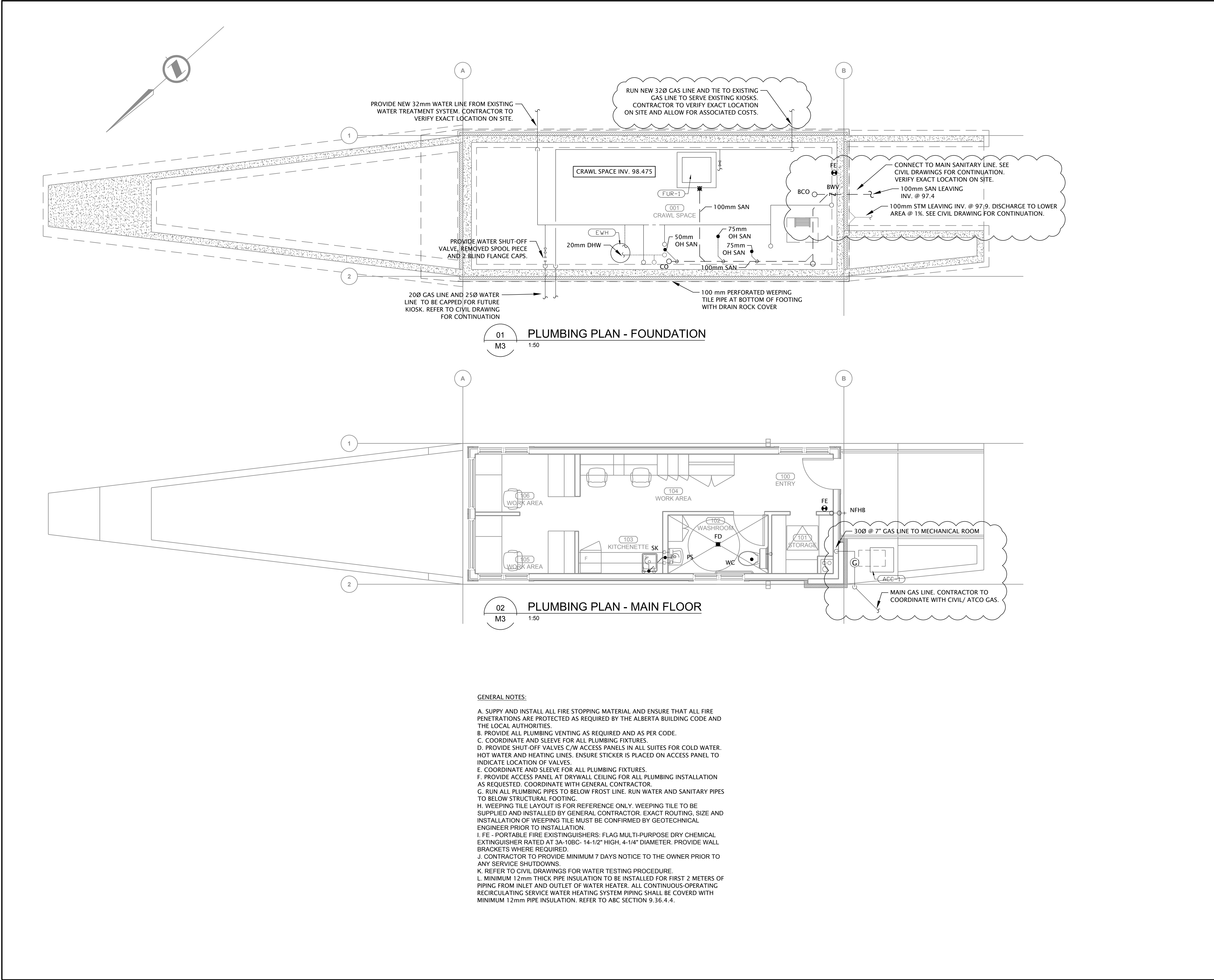
C.MARIOTTI	
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Drawing title	Titre du dessin
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MECHANICAL SITE PLAN

Project no./No. du projet	Drawing no./No. du dessin	Revised to/Revisé à
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PRO1285	M3 OF M4	1
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GENERAL NOTES:

- A. SUPPLY AND INSTALL ALL FIRE STOPPING MATERIAL AND ENSURE THAT ALL FIRE PENETRATIONS ARE PROTECTED AS REQUIRED BY THE ALBERTA BUILDING CODE AND THE LOCAL AUTHORITIES.
- B. PROVIDE ALL PLUMBING VENTING AS REQUIRED AND AS PER CODE.
- C. COORDINATE AND SLEEVE FOR ALL PLUMBING FIXTURES.
- D. PROVIDE SHUT-OFF VALVES C/W ACCESS PANELS IN ALL SUITES FOR COLD WATER, HOT WATER AND HEATING LINES. ENSURE STICKER IS PLACED ON ACCESS PANEL TO INDICATE LOCATION OF VALVES.
- E. COORDINATE AND SLEEVE FOR ALL PLUMBING FIXTURES.
- F. PROVIDE ACCESS PANEL AT DRYWALL CEILING FOR ALL PLUMBING INSTALLATION AS REQUESTED. COORDINATE WITH GENERAL CONTRACTOR.
- G. RUN ALL PLUMBING PIPES TO BELOW FROST LINE. RUN WATER AND SANITARY PIPES TO BELOW STRUCTURAL FOOTING.
- H. WEEPING TILE LAYOUT IS FOR REFERENCE ONLY. WEEPING TILE TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR. EXACT ROUTING, SIZE AND INSTALLATION OF WEEPING TILE MUST BE CONFIRMED BY GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION.
- I. FE - PORTABLE FIRE EXTINGUISHERS: FLAG MULTI-PURPOSE DRY CHEMICAL EXTINGUISHER RATED AT 3A-10BC- 14-1/2" HIGH, 4-1/4" DIAMETER. PROVIDE WALL BRACKETS WHERE REQUIRED.
- J. CONTRACTOR TO PROVIDE MINIMUM 7 DAYS NOTICE TO THE OWNER PRIOR TO ANY SERVICE SHUTDOWNS.
- K. REFER TO CIVIL DRAWINGS FOR WATER TESTING PROCEDURE.
- L. MINIMUM 12mm THICK PIPE INSULATION TO BE INSTALLED FOR FIRST 2 METERS OF PIPING FROM INLET AND OUTLET OF WATER HEATER. ALL CONTINUOUS-OPERATING RECIRCULATING SERVICE WATER HEATING SYSTEM PIPING SHALL BE COVERD WITH MINIMUM 12mm PIPE INSULATION. REFER TO ABC SECTION 9.36.4.4.



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

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Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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5	100% - ISSUED FOR BP	2017/08/11
4	FINAL REVIEW	2017/08/04
3	RE-ISSUED FOR 90% REVIEW	2017-03-09
2	90% PROGRESS REVIEW	2017-02-22
1	ISSUED FOR COST ESTIMATION	2017-02-13

Revisions	Description	Date
Client		Client



Parks
Canada



Parcs
Canada

Project title

Project

HIGHWAY 16 PARK EAST
GATE IMPROVEMENTS
EAST GATE KIOSK

Designed by
K. QUANG

Conçu par

Drawn by
K. QUANG

Dessiné par

Approved by
L. YANG

Approuvé par

Project Manager
C.MARIOTTI

Administrateur de Projets IPSUC

Drawing title

Titre du dessin

PLUMBING PLAN

Project No. / Numéro du projet

Project Title / Titre du projet

Sheet No. / Numéro de la feuille

PRO1285

M3
OF M4

1

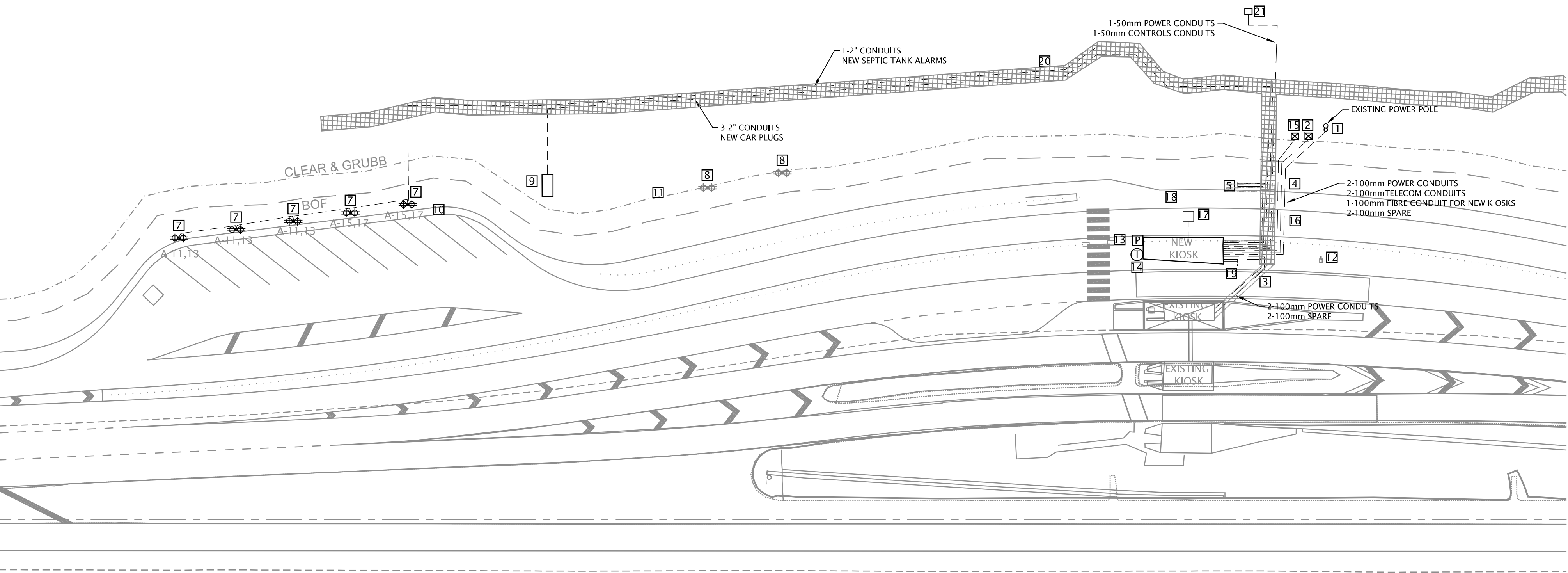
PWGSC - A1 - 841X594

0 10 20 30 40 50 60 70 80 90 100mm

M3

LEGEND OF SYMBOLS						DEC 2016	
LIGHTING		MECHANICAL		COMMUNICATION SYSTEMS		GENERAL	
	RECESSED LED / INCANDESCENT / COMPACT FLUORESCENT LUMINAIRE		MOTOR C/W DISCONNECT SWITCH		VOICE OUTLET		CONDUIT CONCEALED IN WALL OR CEILING
	SURFACE LED / INCANDESCENT / COMPACT FLUORESCENT LUMINAIRE		THERMOSTAT		DATA OUTLET		CONDUIT CONCEALED IN SLAB OR RUN UNDERGROUND
	WALL LED / INCANDESCENT / COMPACT FLUORESCENT LUMINAIRE		MOTOR IDENTIFICATION TAG (REFER TO MECHANICAL SCHEDULE)		COMBINATION VOICE/DATA OUTLET		CONDUIT UP
	SURFACE LED LINEAR LUMINAIRE	POWER			GROUND BAR		CONDUIT DOWN
	LIGHTING LUMINAIRE TYPE TAG		DUPLEX RECEPTACLE		BACKBOARD		CONDUIT STUB
	EXIT LIGHT - WALL (C/W ARROWS AS INDICATED)		ARC FAULT RECEPTACLE	SECURITY SYSTEMS			CONDUIT CONTINUATION
	EMERGENCY POWER BATTERY PACK C/W LIGHTING HEADS		GROUND FAULT RECEPTACLE		PUSH BUTTON	WP	DENOTES WEATHERPROOF DEVICE
	DOUBLE REMOTE EMERGENCY LIGHTING HEAD - CEILING MOUNT		20A T-SLOT RECEPTACLE		2-WAY VOICE/PANIC	NL	DENOTES UNSWITCHED LUMINAIRE (NIGHT LIGHT)
	SWITCH - SINGLE, TWO, AND THREE GANG		20A T-SLOT GFCI RECEPTACLE		SECURITY MOTION SENSOR	R	DENOTES DEVICE TO REMOVE OR RELOCATE
	SWITCH - OCCUPANCY SENSOR SWITCH		FOURPLEX RECEPTACLE		CCTV CAMERA	RL	DENOTES RELOCATED DEVICE
	PHOTO ELECTRIC CELL		WALL MOUNTED JUNCTION BOX		CARD READER	•	DENOTES FURNITURE MOUNTED DEVICE
	BEACON LIGHT		ELECTRICAL PANELBOARD - SURFACE MOUNTED		ELECTRIC STRIKE	E	DENOTES EXISTING TO REMAIN
			ELECTRICAL PANELBOARD - RECESSED		DOOR POSITION SWITCH		
			CAR PLUG POST		REQUEST TO EXIT SENSOR		
			TIME CLOCK	FIRE ALARM			
			SINGLE PHASE DIRECT CONNECTION		SMOKE ALARM		
			CEILING MOUNTED JUNCTION/SLAB BOX		SMOKE ALARM/CARBON MONOXIDE ALARM		
			WALL MOUNTED JUNCTION BOX				

LIST OF DRAWINGS	
Sheet Number	Sheet Title
E10-00-00	ELECTRICAL SITE PLAN
E20-00-00	POWER AND SYSTEMS PLAN
E20-00-01	LIGHTING PLAN
E30-00-00	ELECTRICAL SCHEDULES & SINGLE LINE DIAGRAM
E40-00-00	ELECTRICAL TYPICAL DETAILS



01
E10-00-00
ELECTRICAL SITE PLAN
1:100

- GENERAL NOTES (STRUCTURAL COORDINATION):**
- THE FOLLOWING NOTES ARE APPLICABLE TO ALL SHEETS OF DESIGN DRAWINGS:
- A) MECHANICAL/ELECTRICAL SYSTEMS AND THEIR SUPPORTS, AND THE LIKE, MUST BE DESIGNED AND DETAILED TO ACCOMMODATE THE ANTICIPATED MOVEMENTS NOTED UNDER 'SERVICEABILITY CRITERIA' ON THE STRUCTURAL DRAWINGS.
- B) DESIGN AND DETAIL ALL NECESSARY SEISMIC RESTRAINTS FOR MECHANICAL/ELECTRICAL SYSTEMS SHOWN ON THE CONTRACT DOCUMENTS. SUBMIT SHOP DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ALBERTA, FOR REVIEW BY THE CONSULTANT.
- C) ELECTRICAL CONTRACTOR SHALL SUBMIT SLEEVING DRAWINGS INDICATING LAYOUT AND SIZES OF ALL INTENDED PENETRATIONS THROUGH ANY STRUCTURAL ELEMENTS, INCLUDING ANY EMBEDDED ITEMS, FOR REVIEW BY CONSULTANT WELL IN ADVANCE OF COMPLETING THE WORK.

- GENERAL NOTES:**
- A) ELECTRICAL CONTRACTOR TO REFER TO ATCO ELECTRIC GUIDELINE FOR INSTALLATION METHODS AND MATERIALS REQUIREMENTS. CONTRACTOR TO INCLUDE ALL EQUIPMENT AND MATERIALS TO COMPLETE THE WORK AS PER ATCO ELECTRIC GUIDELINE TO ENSURE ALL COSTS ARE COVERED.
- B) THE EXISTING KIOSK POWER RE-CONNECTION TO THE UTILITY TRANSFORMER IS IN CONTRACTOR SCOPE OF WORK.
- C) THE TELECOM SERVICE FOR NEW KIOSK TO BE FED FROM EXISTING TELECOM PEDESTAL. ALL SECONDARY CONDUITS AND CONNECTIONS ARE IN CONTRACTOR SCOPE OF WORK.
- D) ELECTRICAL CONTRACTOR TO COORDINATE THE SECONDARY POWER, TELECOM AND FIBRE CONDUITS WITH CIVIL AND MECHANICAL PIPES AND ON SITE EQUIPMENT.
- E) UTILITY TRANSFORMER AND PRIMARY CONDUIT WORKS ARE IN UTILITY SCOPE OF WORK.
- F) ELECTRICAL CONTRACTOR TO MAINTAIN ALL CLEARANCES FROM GAS AND SITE PIPES AS PER CIVIL AND UTILITY REQUIREMENTS.
- G) EXISTING KIOSK TO BE FED FROM NEW KIOSK (POWER, TELUS AND SHAW) BY NEW CONDUITS. EXISTING UTILITY CONDUITS TO BE ABANDONED.
- H) ELECTRICAL CONTRACTOR TO COORDINATE WITH OVERHEAD SIGN CONTRACTOR TO RUN THE CONDUITS IN THE SAME TRENCH. WHERE TRENCHES RUN IN PARALLEL, RUN ALL ELECTRICAL CONDUITS IN SAME TRENCH.

- REFERRAL NOTES:**
- 1 APPROXIMATE LOCATION OF EXISTING POWER POLE AND UPGRADED UTILITY TRANSFORMER. TRANSFORMER UPGRADED BY UTILITY.
- 2 APPROXIMATE LOCATION OF EXISTING TELECOM PEDESTAL.
- 3 APPROXIMATE ROUTING OF POWER AND TELECOM CONDUITS TO EXISTING KIOSKS. ELECTRICAL CONTRACTOR TO COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS PRIOR TO INSTALLATION.
- 4 APPROXIMATE ROUTING OF POWER AND TELECOM CONDUITS TO NEW KIOSK. ELECTRICAL CONTRACTOR TO COORDINATE WITH CIVIL, STRUCTURAL AND EXISTING SITE PLAN. INSTALLED IN SHARED TRENCH SEE MCELHANNY DRAWING E-32
- 5 STUB POWER AND TELECOM CONDUITS FOR FUTURE KIOSK.
2-100mm - FOR POWER.
2-100mm - FOR TELECOM.
- 6 NOT USED.
- 7 LOCATION OF NEW POWER PEDESTALS, CAR RECEPTACLES TO BE SMART TYPE.
- 8 APPROXIMATE LOCATION OF EXISTING POWER PEDESTALS, TO BE REMOVED.
- 9 APPROXIMATE LOCATION OF NEW SEPTIC TANK. COORDINATE TANK CONNECTIONS WITH TANK VENDOR.
- 10 APPROXIMATE ROUTING OF NEW POWER PEDESTALS POWER CONDUITS.
- 11 APPROXIMATE ROUTING OF ELECTRICAL CONDUIT FOR SEPTIC TANK ALARMS TO NEW KIOSK, CONDUIT SIZE TO BE COORDINATED WITH VENDOR REQUIREMENTS PRIOR TO INSTALLATION.
- 12 EXISTING LIGHTING POLE TO BE RE-LOCATED. RELOCATION BY ATCO ELECTRIC.
- 13 PHOTOCCELL FOR SITE LIGHTING CONTROL.
- 14 THERMOSTAT FOR CAR PLUG CONTROL.
- 15 APPROXIMATE LOCATION OF EXISTING FIBRE UTILITY TELECOM BOX.
- 16 CONDUIT RUN BETWEEN FIBRE UTILITY TELECOM BOX AND NEW KIOSK. THE CABLE WILL BE INSTALLED BY UTILITY UP ON OWNER REQUEST.
- 17 BUILDING GROUND PLATE.
- 18 APPROXIMATE LOCATION OF FUTURE KIOSK.
- 19 STUB POWER AND TELECOM CONDUITS FOR OVERHEAD SIGN. CONDUITS PAST THIS POINT SHALL BE INSTALLED BY SITE ELECTRICIAN. WIRING FOR SITE LIGHTING SIGNAGE BY SITE CONTRACTOR.
1-50mm - FOR POWER.
1-50mm - FOR TELECOM.
- 20 CONDUIT FOR NEW CAR PLUGS AND NEW SEPTIC TANK ALARMS TO BE RUN IN CIVIL TRENCHING. COORDINATE WITH CIVIL DRAWINGS FOR TRENCH LOCATION.
- 21 APPROXIMATE LOCATION OF NEW WELL. THE WATER PUMP FROM THE EXISTING WELL WILL BE RELOCATED TO THE NEW WELL.

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Adrian Todola, P.Eng., APEGA
Chris Fall, P.Eng., APEGA

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1	CLASS A COST ESTIMATE	2017-02-13
6	ISSUED FOR ADDENDUM 1	2018/02/14

JASPER EAST GATE

Prepared by: **F.HAK** Checked by: **C. Mariotti**
Designed by: **F.HAK** Described by: **C. Mariotti**
Approved by: **D.HIDER** Approved by: **C. Mariotti**
Project title: **ELECTRICAL SITE PLAN**

Project no./No. du projet: **PRO1285** Drawing no./No. du dessin: **E10-00-00** Revision no.: **6**