

## ADDENDUM No. NORR-001

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**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:**

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**Drawings:**

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

**Mechanical**

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**Drawings:**

1. M2
2. M3

**Electrical:**

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**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.



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NORR Architects Engineers Planners  
Audrina Lim  
Project Manager

**NORR Architects Engineers Planners**

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Suite 2300, 411 - 1<sup>st</sup> Street SE  
Calgary, AB  
Canada T2G 4Y5

T 403 264 4000  
F 403 269 7215  
norr.com

Victor Smith, Architect, AAA, AIBC, OAA  
Ronald M. Poon, Architect, AAA, AIBC, SAA, OAA  
Bruce G. McKenzie, Architect, AAA, AIBC  
A. Silvio Baldassarra, Architect, AAA, AIBC, OAA  
Adrian Todeila, P.Eng., APEGA  
Chris Pal, P.Eng., APEGA

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

**CLARIFICATIONS:**

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**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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MATERIAL LEGEND	
01	RECYCLED RUBBER SHINGLES - SHAKE STYLE COLOUR: GREY (SUBMIT SAMPLES FOR APPROVAL)
02	STUCCO FINISH COLOUR: WARM GREY (C56 M49 Y53 K18)
03	PREFINISHED ALUMINUM LOUVRE COLOUR: WHITE (C39 M32 Y33 K01)
04	PREFINISHED METAL GUTTER COLOUR: WHITE (C39 M32 Y33 K01)
05	PREFINISHED METAL DOWNSPOUT COLOUR: WHITE (C39 M32 Y33 K01)
06	PREFINISHED METAL SOFFIT COLOUR: WARM GREY (C56 M49 Y53 K18)
07	EXTERIOR MAN DOOR COLOUR: BLUE (C85 M68 Y44 K32)
08	TREATED ENGINEERED WOOD TRIM COLOUR: WHITE (C39 M32 Y33 K01)
09	EXPOSED CONCRETE TROWEL FINISH & EXPOSED AGGREGATE, REFER TO SPECIFICATION
10	NATURAL RIVERROCK TO MATCH EXISTING BUILDINGS
11	KNEE BRACKET REFER TO DETAIL 05A51-00-02
12	TRAFFIC CONTROL LIGHT REFER TO SPECIFICATION
13	SIGNAGE REFER TO SPECIFICATION, TO MATCH EXISTING BUILDING FONT, COLOR AND FINISH
14	PAINTED STEEL HANDRAIL COLOUR: WHITE (C39 M32 Y33 K01)

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This drawing has been prepared solely for the use of the CLIENT and there are no representations of any kind made by NORR Architects Engineers Planners to any party with whom NORR Architects Engineers Planners has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

# NORR

ARCHITECTS ENGINEERS PLANNERS

An Ingenium Group Company  
411 - 1st Street SE,  
Suite 2300,  
Calgary, Alberta, Canada T2G 4Y5  
www.norr.com

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Victor Smith, Architect, A.A.A., B.Arch, M.A.S.C.  
Ronald M. Poon, Architect, A.A.A., B.Arch, M.A.S.C.  
Bruce C. McKenzie, Architect, A.A.A., M.Arch, M.A.S.C.  
A. Shiva Balasubramanian, Architect, A.A.A., B.Arch, M.A.S.C.  
Adrian Todtella, P. Eng., APECA  
Chris Pui, P. Eng., APECA

Revision	Description	Date
6	ISSUED FOR ADDENDUM 1	2017/02/14
5	ISSUED FOR 100% AND BUILDING PERMIT	2017/01/11
4	ISSUED FOR 99% REVIEW	2017/01/11
3	RE-ISSUED FOR 90% REVIEW	2017/03/01
2	ISSUED FOR 90% REVIEW	2017/02/23
1	ISSUED FOR CLASS "A" COST ESTIMATE	2017/02/13

Client: client



Project title: Project

## HIGHWAY 16 PARK EAST GATE IMPROVEMENTS EAST GATE KIOSK

Designed by: Conçu par  
**A.Godek**

Drawn by: Dessiné par  
**A.Godek / D.Fletcher**

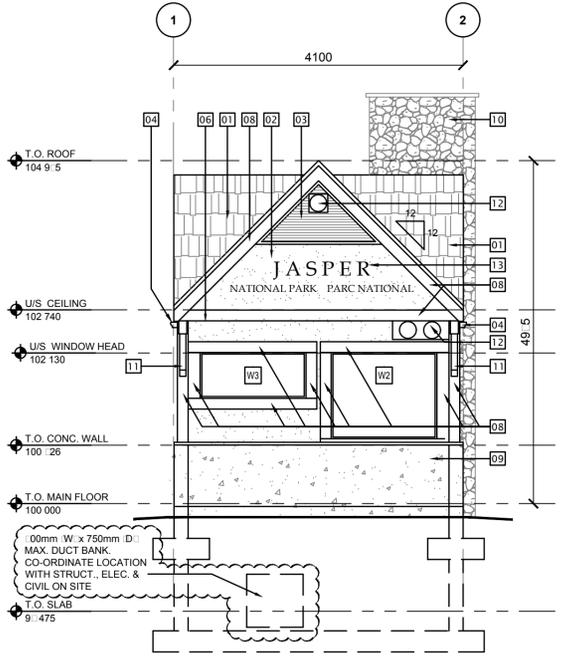
Approved by: Approuvé par  
**B. McKenzie**

PWSSC Project Manager: Administrateur de Projets TPSGC  
**C. Mariotti**

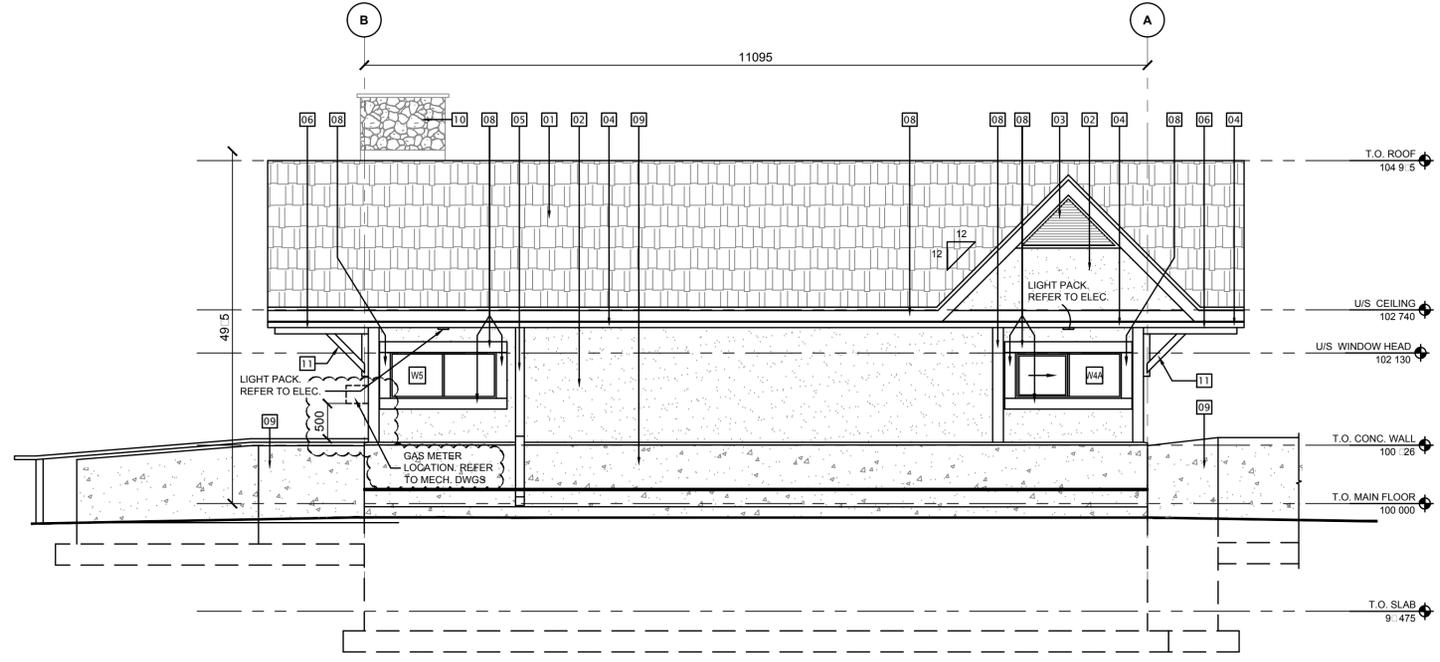
Drawing title: Titre du dessin  
**BUILDING ELEVATIONS**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
PCA1285	A30-00-01	5

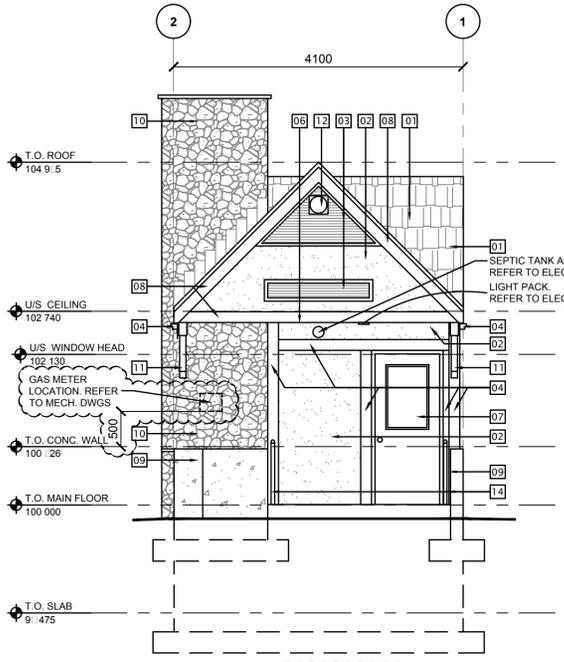
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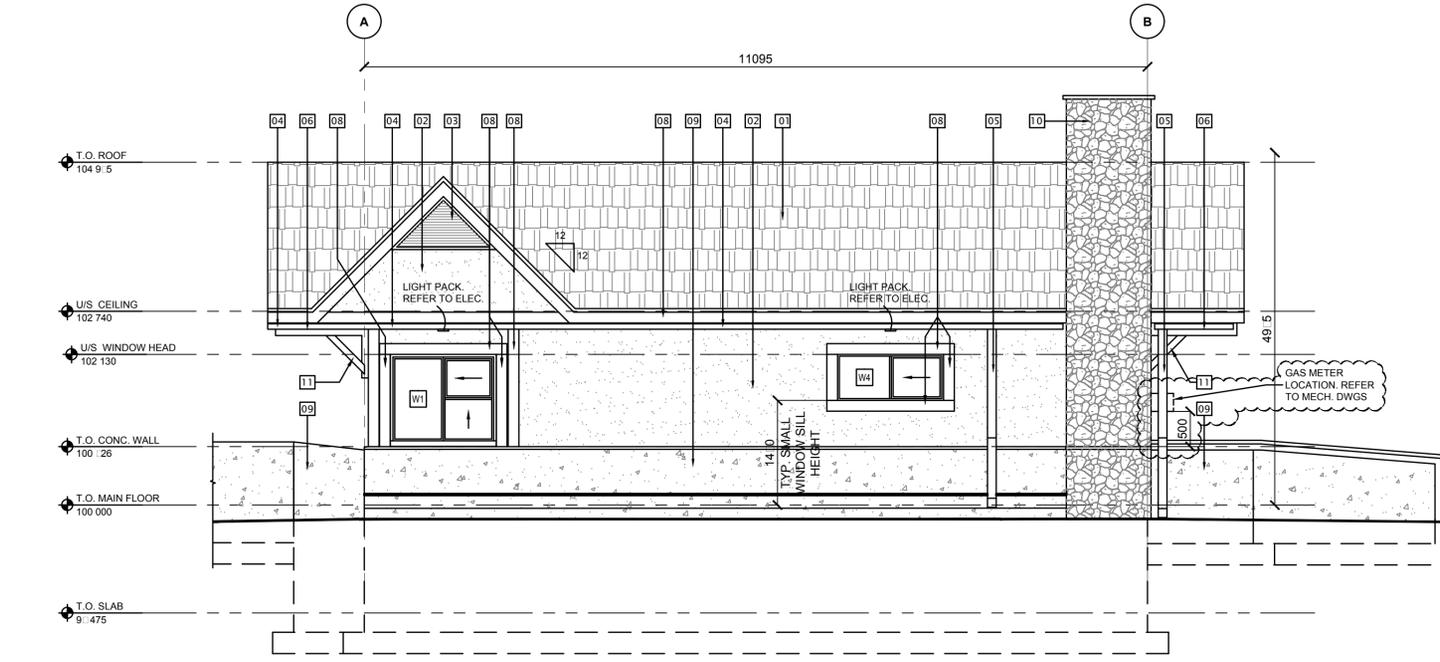
**1**  
NORTHEAST ELEVATION  
PROJECT SOUTH ELEVATION



**2**  
SOUTHEAST ELEVATION  
PROJECT EAST ELEVATION  
SCALE 1:50



**3**  
SOUTHWEST ELEVATION  
PROJECT NORTH ELEVATION  
SCALE 1:50



**4**  
NORTHWEST ELEVATION  
PROJECT WEST ELEVATION  
SCALE 1:50





**PRELIMINARY  
NOT FOR CONSTRUCTION**

SEAL:



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Adrian Todella, P. Eng., A.P.E.C.A.  
Chris Pui, P. Eng., A.P.E.C.A.

Revision	Description	Date
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	2017-02-22
1	ISSUED FOR COST ESTIMATION	2017-02-13

Client: \_\_\_\_\_



Project Title: \_\_\_\_\_

**HIGHWAY 16 PARK EAST  
GATE IMPROVEMENTS  
EAST GATE KIOSK**

Designed by: **K. QUANG**

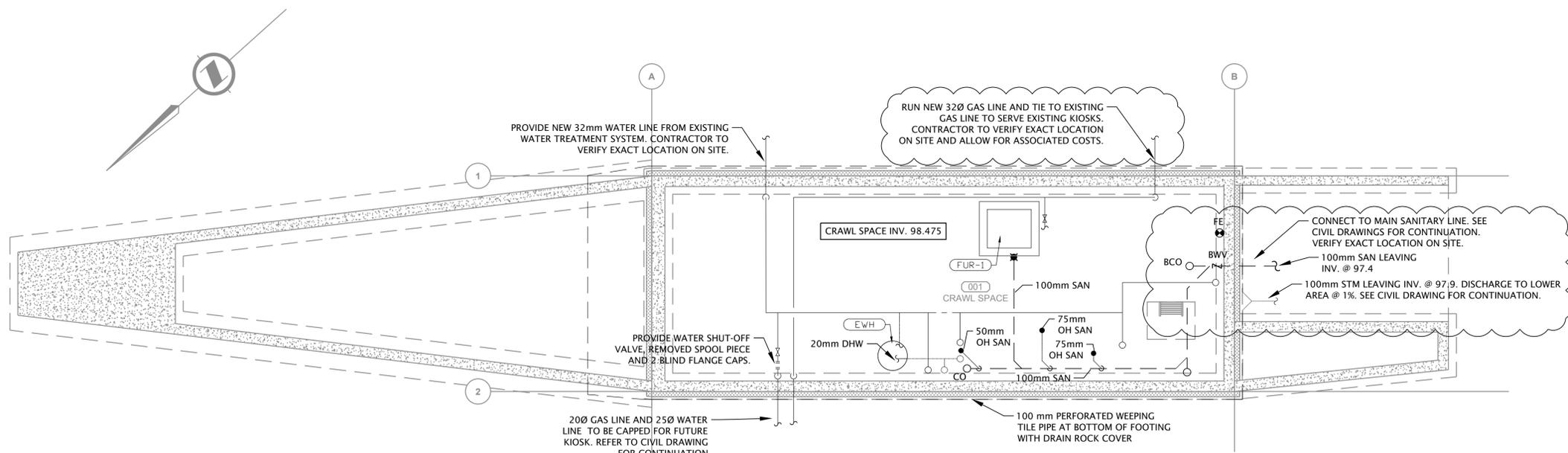
Drawn by: **K. QUANG**

Approved by: **L. YANG**

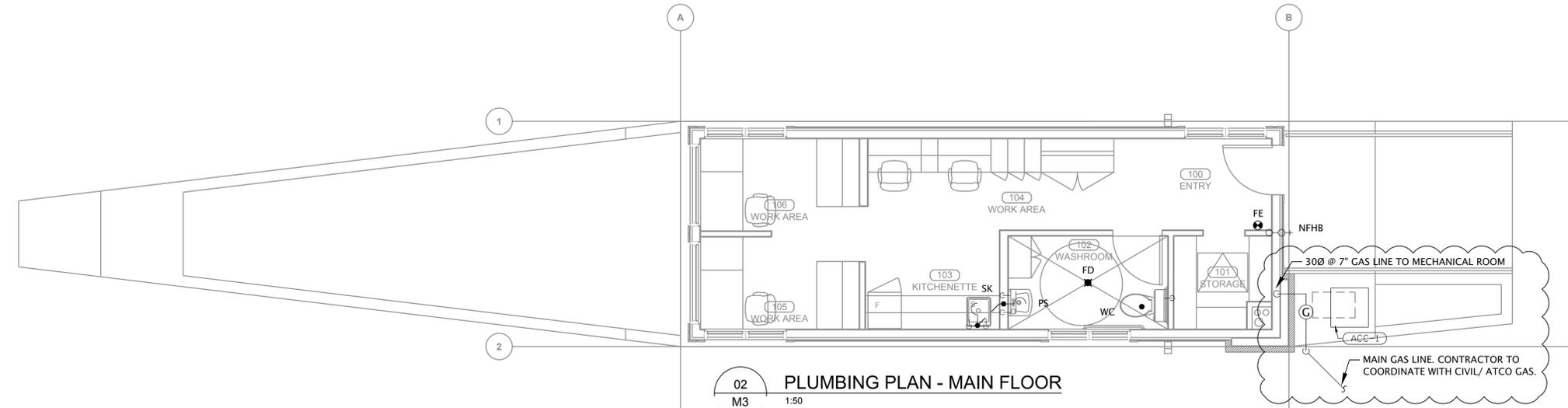
Project Manager: **C. MARIOTTI**

Drawing Title: **PLUMBING PLAN**

PRO1285 M3 1 OF M4



**01 PLUMBING PLAN - FOUNDATION**  
M3 1:50



**02 PLUMBING PLAN - MAIN FLOOR**  
M3 1:50

- 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 COVERED WITH MINIMUM 12mm PIPE INSULATION. REFER TO ABC SECTION 9.36.4.4.



**PRELIMINARY**  
NOT FOR CONSTRUCTION

LEGEND OF SYMBOLS

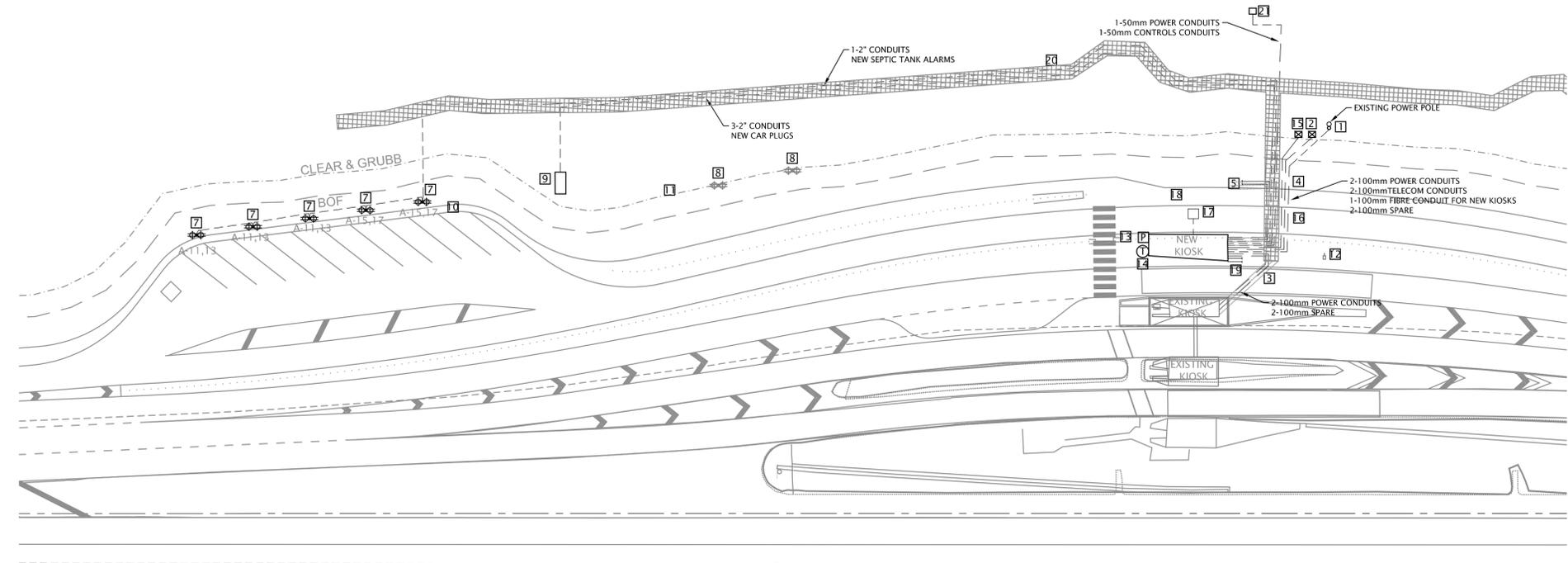
DEC 2016

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				

- 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.

**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



- 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.

01 ELECTRICAL SITE PLAN  
E10-00-00 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.

**NORR**  
ARCHITECTS ENGINEERS PLANNERS  
An Ingenium Group Company  
411 - 1st Street SE,  
Suite 2300,  
Calgary, Alberta, Canada T2G 4Y5  
www.norr.com

Revision	Description	Date
5	100% - ISSUED FOR BP	2017-08-11
4	ISSUED FOR FINAL REVIEW	2017-08-04
3	REISSUED FOR 90% REVIEW	2017-03-09
2	90% REVIEW	2017-02-22
1	CLASS A COST ESTIMATE	2017-02-13
6	ISSUED FOR ADDENDUM 1	2018/02/14



Project title: JASPER EAST GATE

**JASPER EAST GATE**

Designed by	F.HAK
Drawn by	F.HAK
Approved by	D.HIDER
Project Manager / Administrateur de Projets	C. Mariotti

**ELECTRICAL SITE PLAN**

Project no./No. de projet	Sheet no./No. de feuille	Revision no.
PRO1285	E10-00-00	6
OF		