
	Parks Canada RNUP Office, Markham ON		Stantec Ottawa Office
File:	RNUP 2018 Tender Septic System Replacements	Date:	August 3, 2018

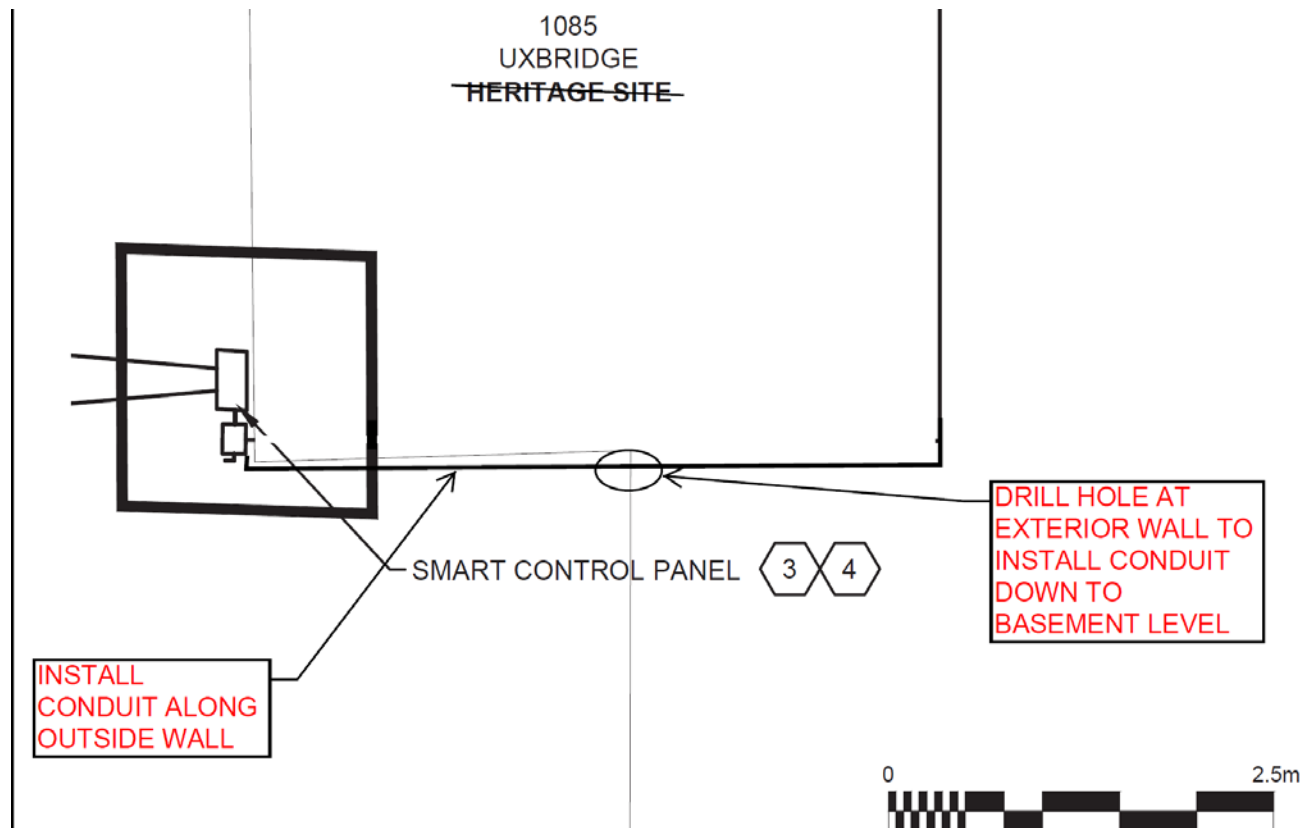
Following the optional site tour with tenderers on July 31st, 2018, Addendum no 1 to be issued.

Asbestos Abatement Sites: the tenderers are advised of potential presence of asbestos material into walls, where electrician would have to drill hole to insert power wiring conduit inside residence, down to basement level.

- **Drawing E-03a: 4440 Sideline 34:** there is no asbestos material at exterior wall, so no asbestos abatement procedure would apply at this site. Electrician shall avoid any drilling work at first floor washroom
- **Drawing E04: 6445 19th Avenue:** tenderers are advised that asbestos material (Friable Stucco & Drywall Joint Fill Compound) is present all around the first-floor exterior walls, including suggested location for power wiring penetration as shown on Detail 2. Tenderers are to include in their quote the full cost for asbestos abatement procedures as describe on plans and specifications, considering this is Type 2 Asbestos Work.

Heritage Status:

- Drawing E-01a: 1085 Uxbridge-Pickering: Detail 2: the mention "HERITAGE SITE" shall be deleted. Tenderers are advised that power wiring conduit shall be installed along the south wall before to be inserted at west side exterior wall, to access basement level, as shown on following page.
- Tenderers are reminded that the following residences have Municipal Heritage Status, so they shall bore the cost of scan at exterior wall and any other pertinent location where the power wiring and conduits are to be installed:
 - o 4440 Sideline 34
 - o 6445 19th Avenue
 - o 10888 Reesor Road
 - o 7528 Elgin Mills Road
 - o 7558 Elgin Mills Road



Additional Site Plans: the following building basement level and first floor drawings in PDF format, not at scale, are provided for general information purpose only. Typically, basement got partition walls but are unfinished. Drawings document location of basement partition walls but do not indicate wall construction material (wood or concrete) and thickness. Tenderers are reminded that they must determine best possible conduit routing below ground, at exterior wall and inside the residence up to the breaker panel at basement level. Refer to Electrical Specifications on Drawing E-00. The list of additional site plans is as follows:

SP-01a - 1085 Uxbridge Pickering Townline (Basement)

SP-01b - 1085 Uxbridge Pickering Townline (First Floor)

SP-03a - 4440 Sideline 34 (Basement)

SP-03b - 4440 Sideline 34 (First Floor)

SP-04a - 6445 19th Avenue (Basement)

SP-04b - 6445 19th Avenue (First Floor)

SP-06a - 7528 Elgin Mills Road (Main Floor)

SP-06b - 7528 Elgin Mills Road (Basement)

SP-07a - 7558 Elgin Mills Road

SP-10a - 10888 Reesor Road (Main Floor)

SP-10b - 10888 Reesor Road (Basement)**Site Inspections:**

It is the responsibility of the Contractor to notify Parks Canada and the Consultant a minimum of 48 business hours in advance of each of the following inspection phases as part of the Scope of Work. Components that are to be inspected during each phase, as outlined below, must remain uncovered for the Consultant inspector for inspection purposes.

Contractor is to document works to be buried and that would not necessarily be visible by the time the Consultant would be on site, by taking photographs of bottom of trench, then of backfilling material, that would be covered by major equipment. (either a tank, a sewer, a forcemain or an electrical conduit). Contractor is to document backfilling material by taking photographs before to place topsoil. Contractor is to upload photographs on a project related FTP site, as per Consultant's instructions. Failure of taking and uploading photographs of bottom of trench and material to be covered by equipment may imply that the Contractor would have to expose material not visible, to demonstrate the works have been completed properly, at no extra cost to the contract.

Stantec is to proceed with a total of four civil work inspections and one electrical work inspection, summarized as follows:

- 1- Pre-construction Site Meeting, to discuss installation, site access, installation schedule, coordination of domestic sewage pumping at regular intervals during construction works, and other pertinent information.
- 2- Base Cut Civil Inspection, to review the base-cut preparation of the leaching bed, including location, depth, exposed surface scarification. Inspector to review location, elevation, sizing and CSA certification of material (various tanks, piping). As required, general alignment of underground electrical conduits will be verified.
- 3- Infiltration Bed Inspection, to review placement of imported materials, distribution piping setting (no. of rows, length, spacing, interconnection, distribution box and/or piping), gravity sewers and/or forcemain alignment and depth.
- 4- Final Grading Inspection, to review final grading, surface reinstatement, seeding, swale alignment, and to verify mechanical operation of pumping systems.
- 5- Electrical Inspection, to verify wiring alignment and connection plus proper operation of control floats, alarm floats, pumps, pump control panel, alarm buzzer operation, splitter boxes, disconnect switches, support structure, attachment to exterior wall, power wiring conduit penetration, wiring installation outside and inside house, new breaker and/or breaker panel at basement level.

Contractor is fully responsible for coordinating Electrical Safety Authority (ESA) inspection, meeting all their requirements, correcting any defective works as directed by ESA, and submitting electronic copy of all ESA site specific reports and correspondence to Parks Canada and Consultant. Cost for such, including any corrective measures, retesting and additional inspection, shall be included in the tender quote.

Stantec Consulting Ltd