



CCTV INVESTIGATION REPORT

Project #51842 Niagara Falls VIA

CCTV Report for – VIA rail station 4267 Bridge St,

Niagara Falls, ON

Prepared For:

Wood Environment & Infrastructure Solutions



Utility Locating



Subsurface Utility Engineering



Concrete Scanning



CCTV Sewer Inspection



Vacuum Excavation



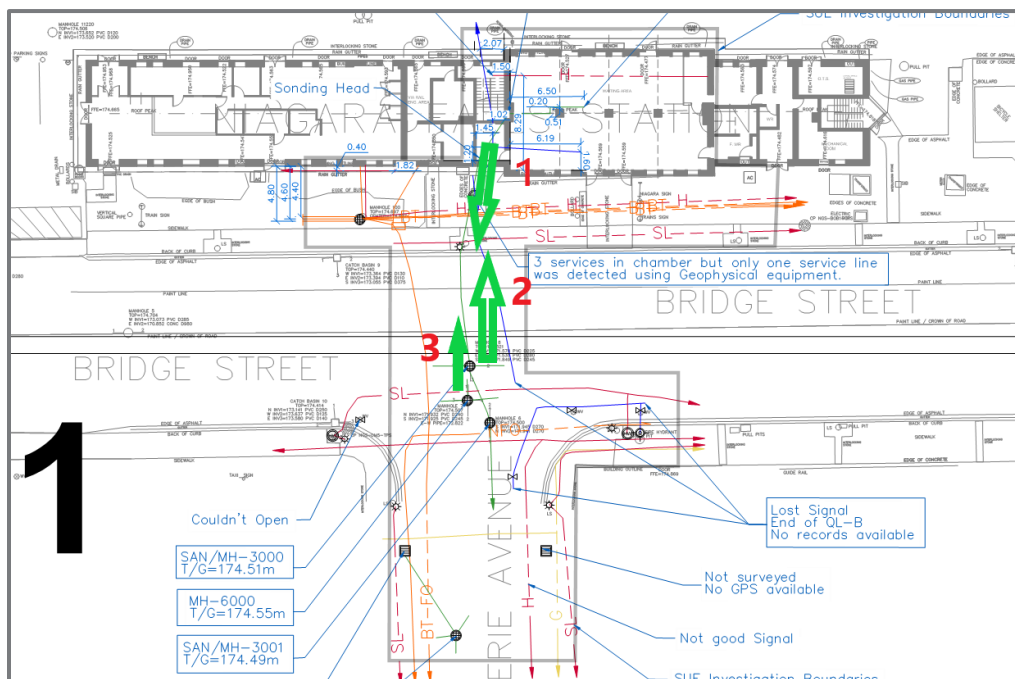
Geophysics

PROJECT DESCRIPTION

To complete a CCTV investigation for WOOD (Client). The proposed project area, shown in the attached drawing, is located at inside the VIA rail station 4267 Bridge St, Niagara Falls, ON L2E 2R6

The scope of work includes the following:

- Using CCTV camera and equipment, complete a CCTV investigation of sanitary sewer.
- Using push camera equipment, multiVIEW will image and record the 150mm diameter sanitary sewer lateral shown within the red perimeter.



Utility Locating



Subsurface Utility Engineering



Concrete Scanning



CCTV Sewer Inspection



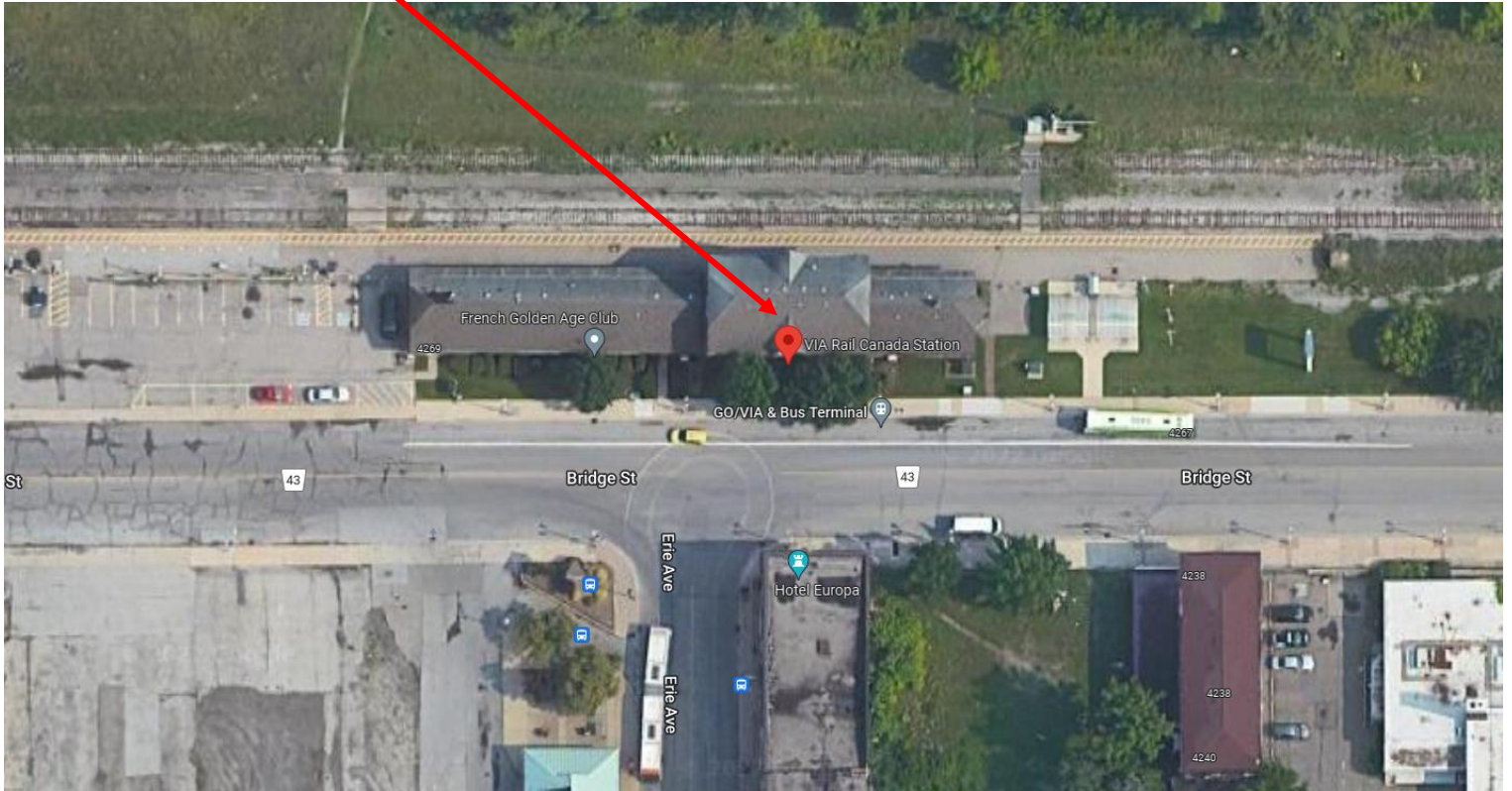
Vacuum Excavation



Geophysics

LOCATION DATA

- CCTV Survey



Utility Locating



Subsurface Utility Engineering



Concrete Scanning



CCTV Sewer Inspection



Vacuum Excavation



Geophysics

PHOTOS/VIDEOS FROM THE CCTV

1. Sanitary Lateral from Washroom to MH-3000



2. Sanitary Main from MH-3000 to Washroom lateral



3. Main from MH-6000 to MH-3000



A copy of this Locate Report must be on site and in possession of the machine operator during excavation

REQUEST

Customer: Wood PLC Site Address: 4267 Bridge St.
 Contact Name: _____ Phone: _____ City: Niagra Falls, ON
 Reference: _____ Type of Work: SUE
 Project Description: Locate + Sonde + Push camera + GPS

UTILITY	Gas	Electrical	Water	Sanitary Sewer	Storm Sewer	Communications	Other/Unknown
Status*	M	M	M	M	M	M	M
Page #	2/3	2/3	2/3	2/3	2/3	2/3	2/3

This table summarizes the private property utilities requested to be located. Any public utilities will be sent as separate documents if requested by the customer.

*Status: M - Marked on site C - Clear for all locate areas NL - Not Locatable (see Terms & Conditions) SP - See Page # NR - Not Requested

NOTES/WARNINGS: CUSTOMER MUST OBTAIN PUBLIC UTILITY CLEARANCES PRIOR TO EXCAVATION

- * Located all visible, tonable and accessible utilities within the project area.
- * Recorded and sonde the sanitary laterals as per the request.
- * collected the data via GPS.

CAUTION

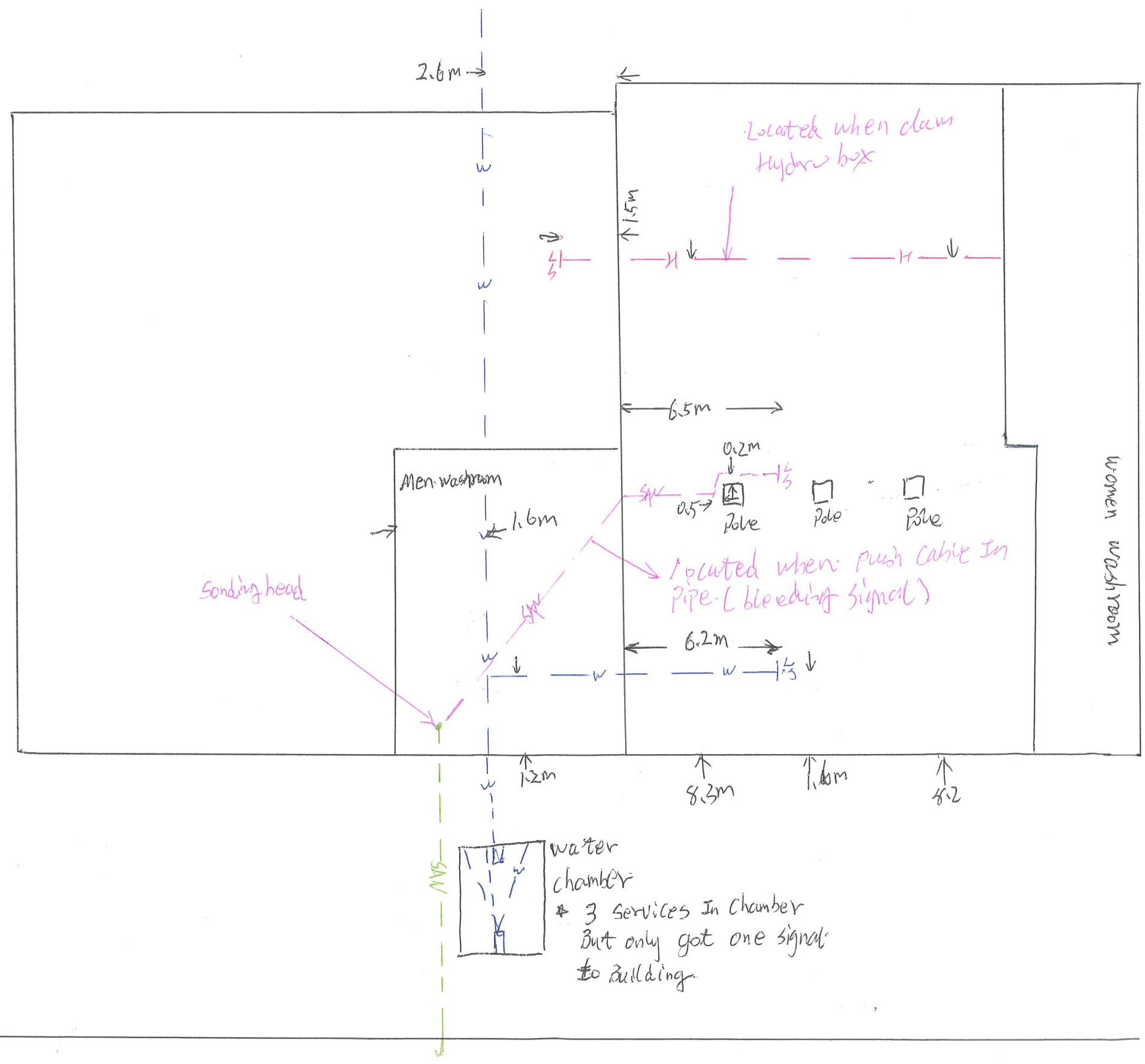
- Hand dig within 3 metres of all terminal poles, splice pits + pad mounted equipment (transformers, etc)
- Exposed or damaged utilities must be immediately reported to multiVIEW @ 1-800-363-3116 and the utility owner as soon as possible
- Each Locate Sketch is only valid for 30 days from the date of completion
- The markings may disappear or be misplaced. Should sketch markings not coincide, a new stakeout must be obtained
- Please read the warnings/terms/guidelines on the back of all individual utility locate forms attached
- The CLIENT must not work outside the indicated Locate Area without a new locate

INFO

Start Time _____ am/pm	End Time _____ am/pm	Crew size: <u>2</u>	Overtime <u>Y/N</u>	Photos <u>yes</u>	Project Completed <u>Y/N</u>
---------------------------	-------------------------	------------------------	------------------------	----------------------	---------------------------------

CHARGEABLE TIME (hrs.) Locate: _____ hrs. EM/GPR: _____ hrs. REPORTING: _____ hrs.

<p>multiVIEW <u>2755 / AH</u> Locator I.D. / Initials <u>Jul 106 / 2022</u> (mmm / dd / yyyy) Date</p>	<p>Client Company Acknowledgements I have read and fully understand the Terms and Conditions shown on the reverse side of this form under which this information was provided. I further understand that this information is provided only for the convenience of the Client and does not relieve the Client for any claims or damages associated with subsequent activities and that multiVIEW shall not be liable for any amount in excess of the fees paid by the Client under any circumstances. I understand that this information does not substitute for an authorized location by the owners of any underground plant. multiVIEW Locates Inc. cannot locate underground facilities unless the Client provides direct physical access to each individual underground facility. In the event that a credit card has been taken for backup, and payment has NOT been received within 10 business days of commencement of the field work, then the credit card will be charged. multiVIEW shall not be liable for any amount in excess of the fees paid by the Client to multiVIEW for the Service on account of any loss, injury, death or damage whether resulting directly or indirectly to a person or property irrespective of the cause or origin of such loss, injury, death or damage including, without limitation, loss, injury, death or damage attributable to the negligence of multiVIEW, its employees and agents in the performance or nonperformance of the Service.</p>
<p>_____ Print name of client company representative</p>	<p>_____ Client company representative signature</p>



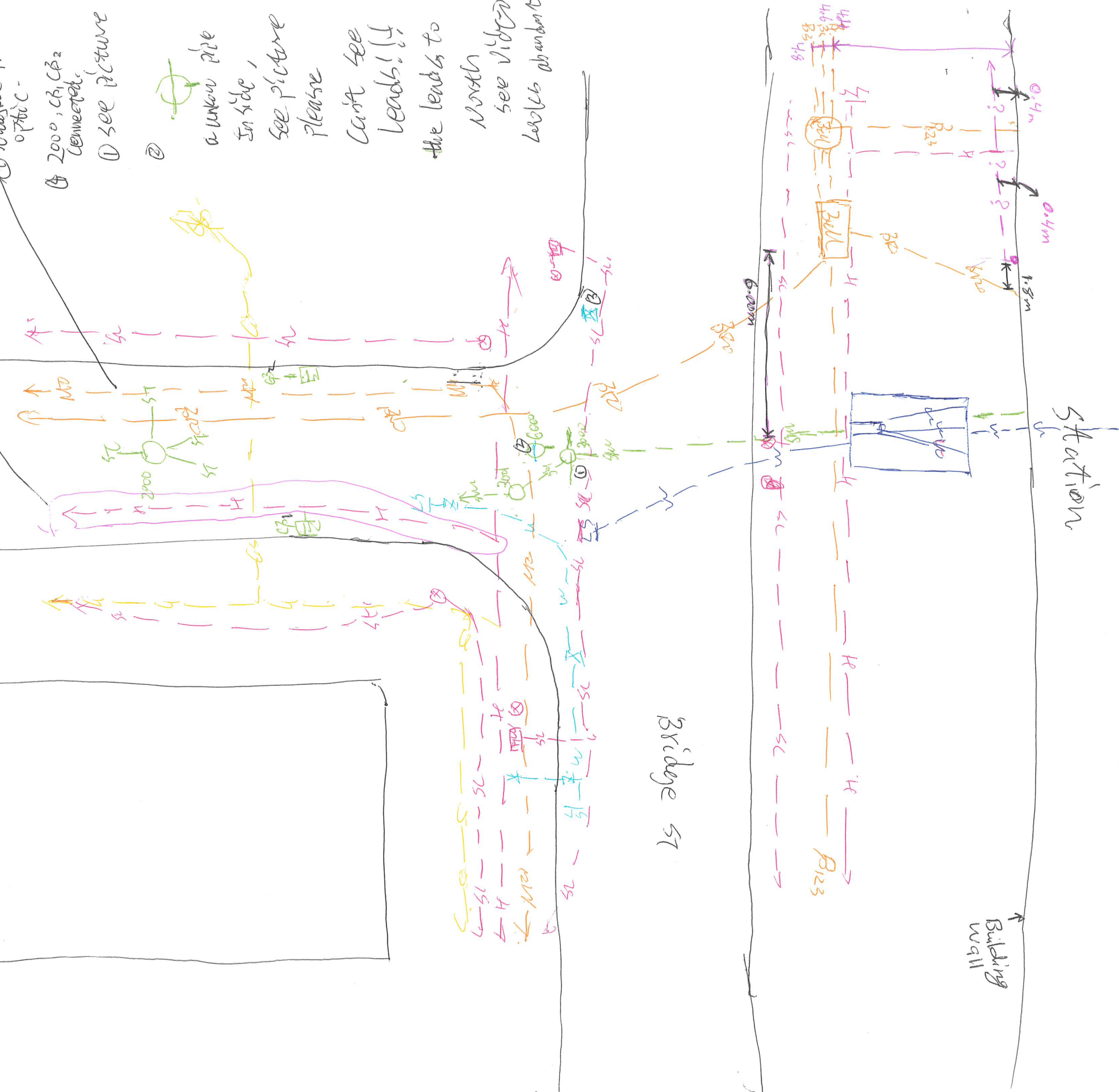
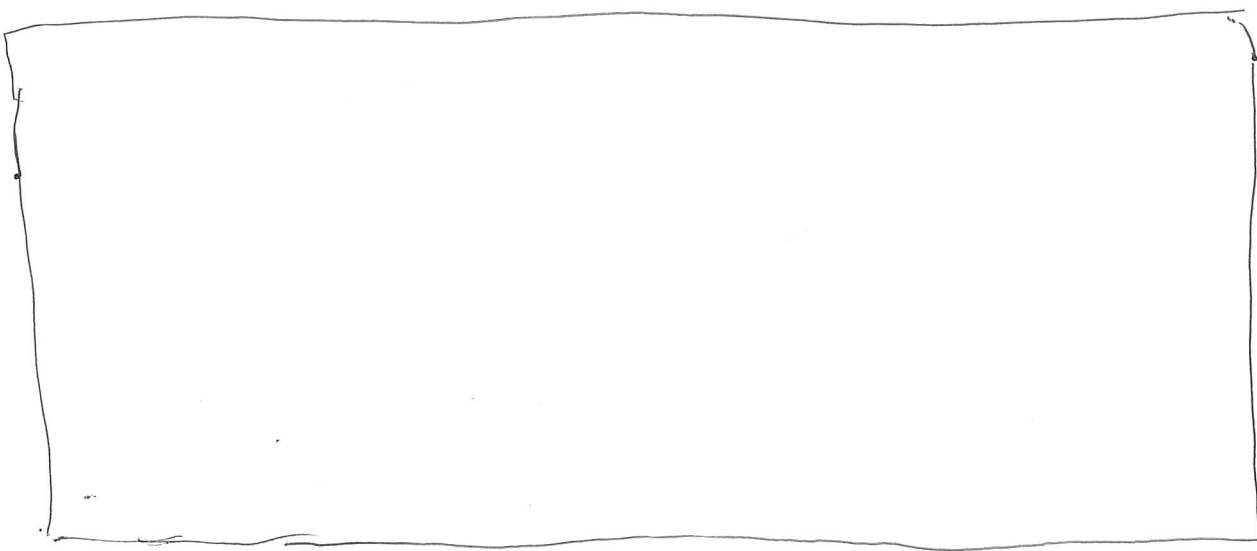
Curb Line



EVING AVE

No Circled segment
Hor connection B.W. can't open

- ① Master Fibn optic
- ② 2000, CP1, CP2 Connected
- ③ see picture
- ④ a unknown pipe inside, see picture please
- ⑤ can't see leads!!!
- ⑥ the leads to north see video leads abundant.



Bridge ST

Station

Building Wall



RESULTS

- CCTV Survey was not successful- Blockage detected in MH-6000 and, difference in pipe elevation in MH-3000 main to men's washroom lateral.
- Refer CCTV Videos/Photos for more details and assessment.



Utility Locating



Subsurface Utility Engineering



Concrete Scanning



CCTV Sewer Inspection



Vacuum Excavation



Geophysics