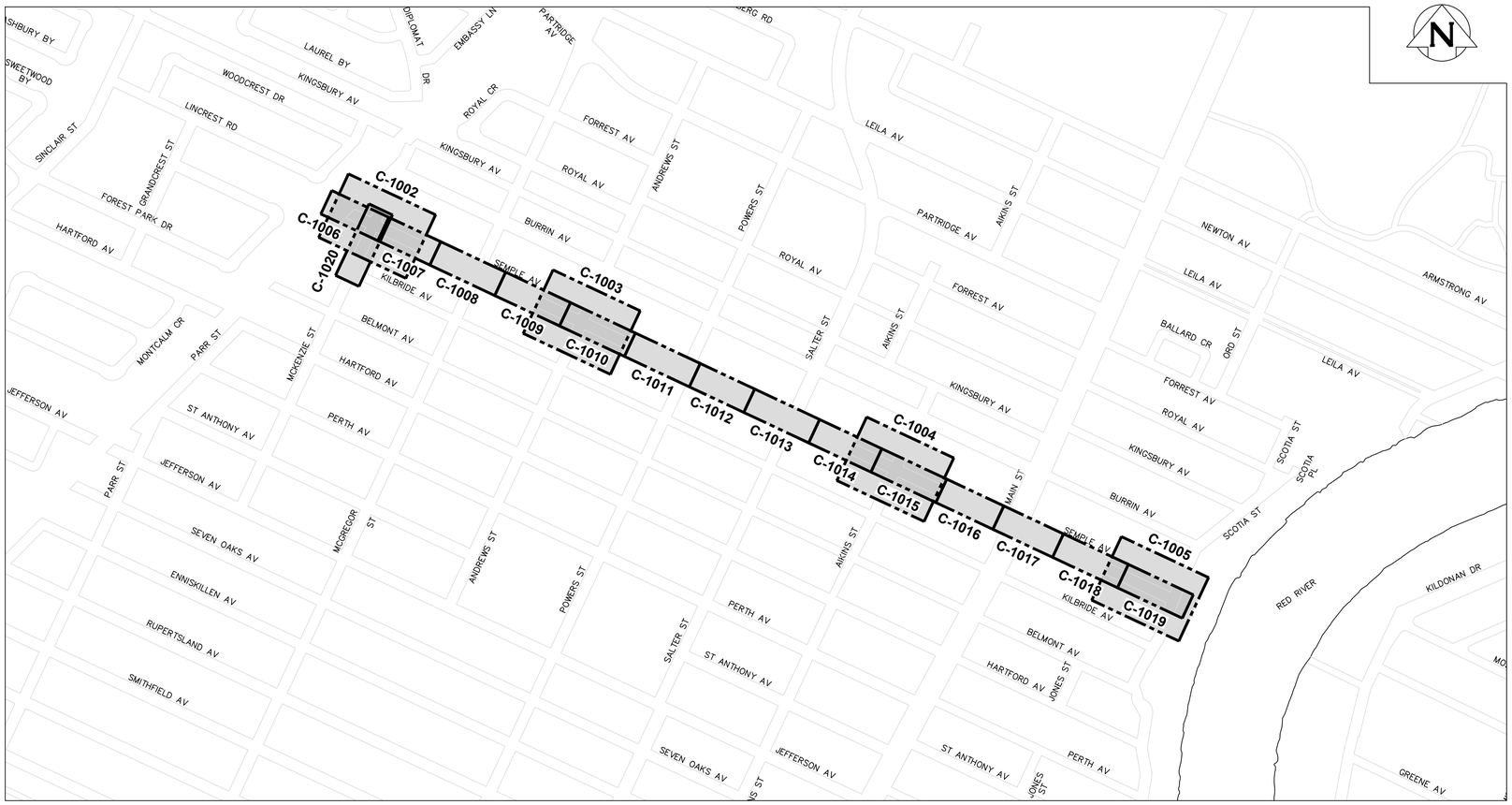
THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

TENDER 1045–2019B



KEY MAP

DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	LD–???????	COVER
2	LD–???????	DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVIATIONS
3	LD–???????	GENERAL PLAN
4	LD–???????	McKENZIE STREET LAYDOWN AREA
5	LD–???????	ANDREWS STREET LAYDOWN AREA
6	LD–???????	AIKINS STREET LAYDOWN AREA
7	LD–???????	SCOTIA STREET LAYDOWN AREA
8	LD–???????	SEMPLE STREET – C.P.R WINNIPEG BEACH SUBDIVISION R.O.W. TO 170m WEST OF McGREGOR STREET
9	LD–???????	SEMPLE STREET – 9m EAST OF McKENZIE STREET TO 71m WEST OF McGREGOR STREET
10	LD–???????	SEMPLE STREET – 108m EAST OF McKENZIE STREET TO 147m WEST OF ANDREWS STREET
11	LD–???????	SEMPLE STREET – 34m EAST OF McGREGOR STREET TO 22m WEST OF ANDREWS STREET
12	LD–???????	SEMPLE STREET – 160m EAST OF McGREGOR STREET TO 99m WEST OF POWERS STREET
13	LD–???????	SEMPLE STREET – 83m EAST OF ANDREWS STREET TO 175m WEST OF SALTER STREET
14	LD–???????	SEMPLE STREET – 6m EAST OF POWERS STREET TO 70m WEST OF SALTER STREET
15	LD–???????	SEMPLE STREET – 111m EAST OF POWERS STREET TO 147m WEST OF AIKINS STREET
16	LD–???????	SEMPLE STREET – 31m EAST OF SALTER STREET TO 27m WEST OF AIKINS STREET
17	LD–???????	SEMPLE STREET – 151m EAST OF SALTER STREET TO 123m WEST OF MAIN STREET
18	LD–???????	SEMPLE STREET – 78m EAST OF AIKINS STREET TO 13m WEST OF MAIN STREET
19	LD–???????	SEMPLE STREET – 188m EAST OF AIKINS STREET TO 213m WEST OF SCOTIA STREET
20	LD–???????	SEMPLE STREET – 62m EAST OF MAIN STREET TO 88m WEST OF SCOTIA STREET
21	LD–???????	SEMPLE STREET – 187m EAST OF MAIN STREET TO SCOTIA STREET
22	LD–???????	McKENZIE STREET – KILBRIDE AVENUE TO SEMPLE AVENUE

ABBREVIATIONS

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
℞	PROPERTY LINE
℄	CENTER LINE
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
B.M.	BENCH MARK
TH	TEST HOLE
ELEV	ELEVATION
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
OPP	OPPOSITE
C/S OR S/C	CURB STOP
MTS	MANITOBA TELEPHONE SYSTEM
R.O.W.	RIGHT–OF–WAY
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
X–ING	CROSSING
HYD	HYDRANT
EXIST	EXISTING
N	NORTH
E	EAST
S	SOUTH
W	WEST
W/	WITH
C/W	CONSTRUCTED WITH
CONC	CONCRETE
AC	ASBESTOS CEMENT
VC OR CLAY	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE

LEGEND

PLAN VIEW

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT		
VALVE		
CURB STOP		
REDUCER		
COUPLING OR SLIDDER		
CROSS		
BEND – 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
ANODE		
REPAIR MARKER		
PLUG		
SEWER PIPE		
MANHOLE		
CATCH BASIN		
CURB INLET		
JUNCTION		
℄ DITCH		
CULVERT		
SURVEY BAR		
SURVEY MONUMENT		
TREE – DECIDUOUS		
TREE – CONIFEROUS		
HYDRO		
HYDRO POLE		
LAMP STANDARD		
HYDRO POLE W/STREET LIGHTING		
POLE		
GUY ANCHOR		
M.T.S. POLE		
PEDESTAL OR BOX		
CABINET		
M.T.S., SHAW, OR VIDEON		
TRAFFIC SIGNALS		
TRAFFIC LIGHT STANDARD		
GAS		
STEAM		
FIBRE OPTIC		
FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
℞		
PROJECTED ℞		
LOT LINE		
SIDEWALK – PATHWAY		
EASEMENT		
EDGE OF BUILDING		
MAILBOX		
PARKING METER		
TEST HOLE		
TREE LINE OR BUSH		

PROFILE

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
HYDRANT TOP		
VALVE		
TEE OR CROSS		
COUPLING OR BEND		
REDUCER		
END OF PIPE		
SEWER PIPE		
UNPAVED GROUND SURFACE		
PAVED GROUND SURFACE – ℄ PIPE		
GUTTER (NORTH AND WEST)		
GUTTER (SOUTH AND EAST)		
℄ DITCH (NORTH AND WEST)		
℄ DITCH (SOUTH AND EAST)		
STRUCTURE		
MANHOLE OR CATCH BASIN		

HATCH PATTERNS

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
		CONCRETE
		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE

CONSTRUCTION NOTES

1. ALL PIPE SHALL HAVE CLASS B – TYPE 2 BEDDING
2. INSTALL SEWER BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
4. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
5. BACKFILL IN BOULEVARD TO BE CLASS 5.
6. RENEW SEWER SERVICES TO ℞.
7. INSTALL SEWER SERVICE RISERS TO ELEVATION WHERE MINIMUM SLOPE OF 1% IS MAINTAINED FOR ALL SERVICES.

PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL / VERTICAL	N/A	RELEASED FOR CONSTRUCTION	
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
G–1001

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
INDEX PAGE

SHEET 2 OF 22
CITY DRAWING NUMBER
02

Tender No: XXX–20XX
CONTRACT NUMBER: X

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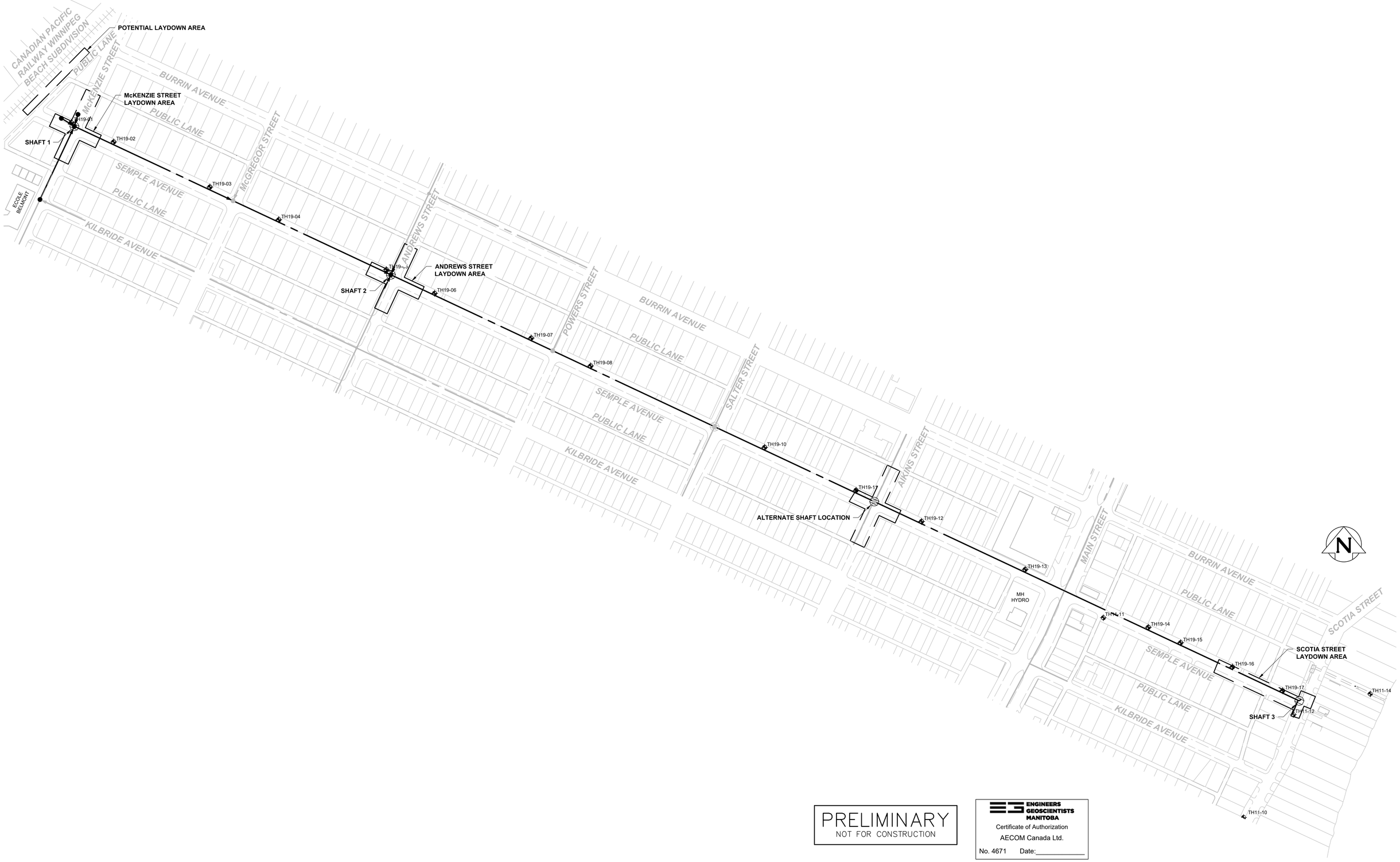

PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 40.0 80.0 120.0 160.0 200.0

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
GENERAL PLAN

SHEET 3 OF 22

CITY DRAWING NUMBER
03

Tender No: XXX-20XX
CONTRACT NUMBER: X

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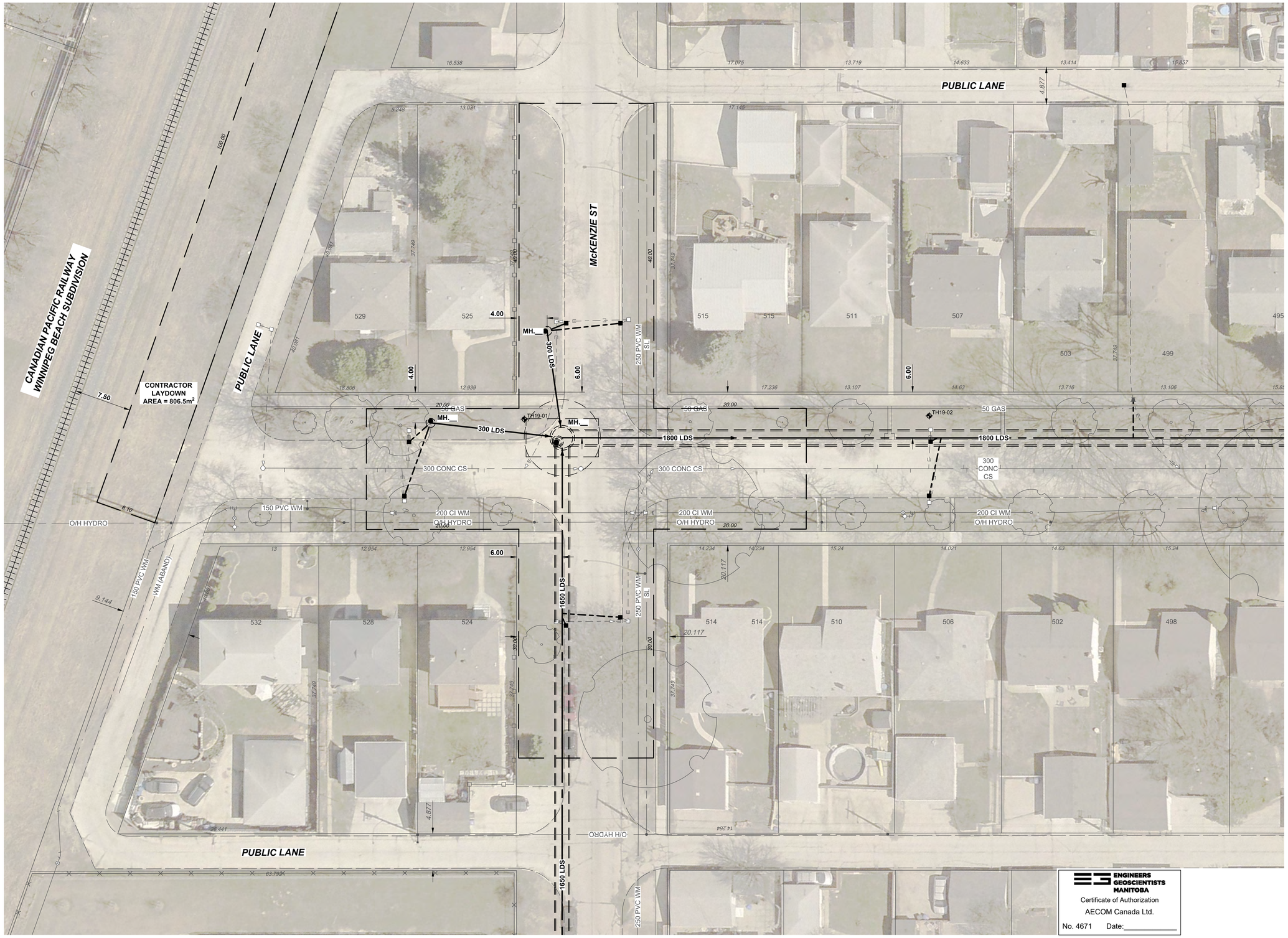

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Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
McKENZIE STREET
LAYDOWN AREA

SHEET 4 OF 22

CITY DRAWING NUMBER
04

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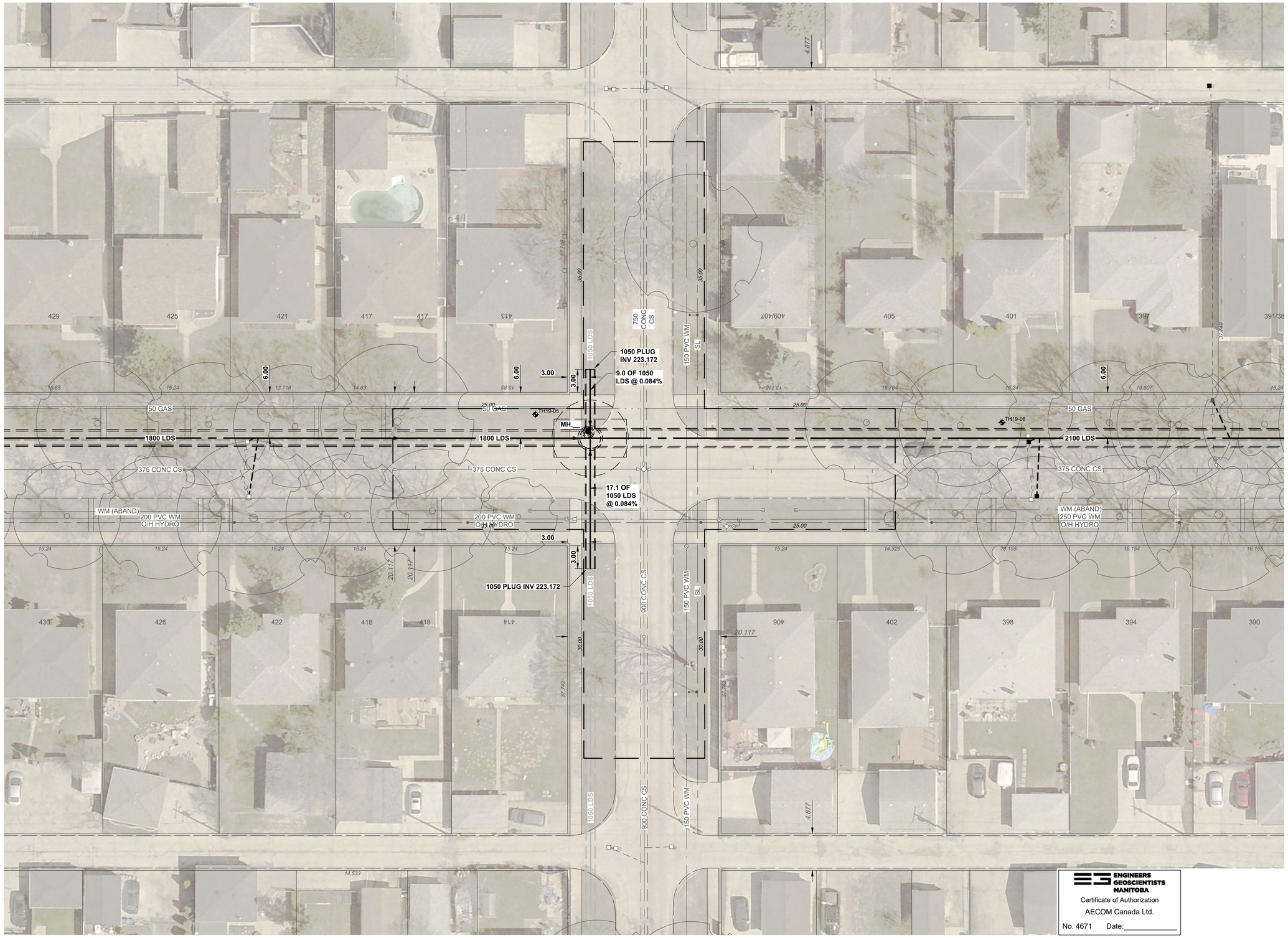

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C-1003

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
ANDREWS STREET
LAYDOWN AREA

SHEET 5 OF 22

CITY DRAWING NUMBER
05

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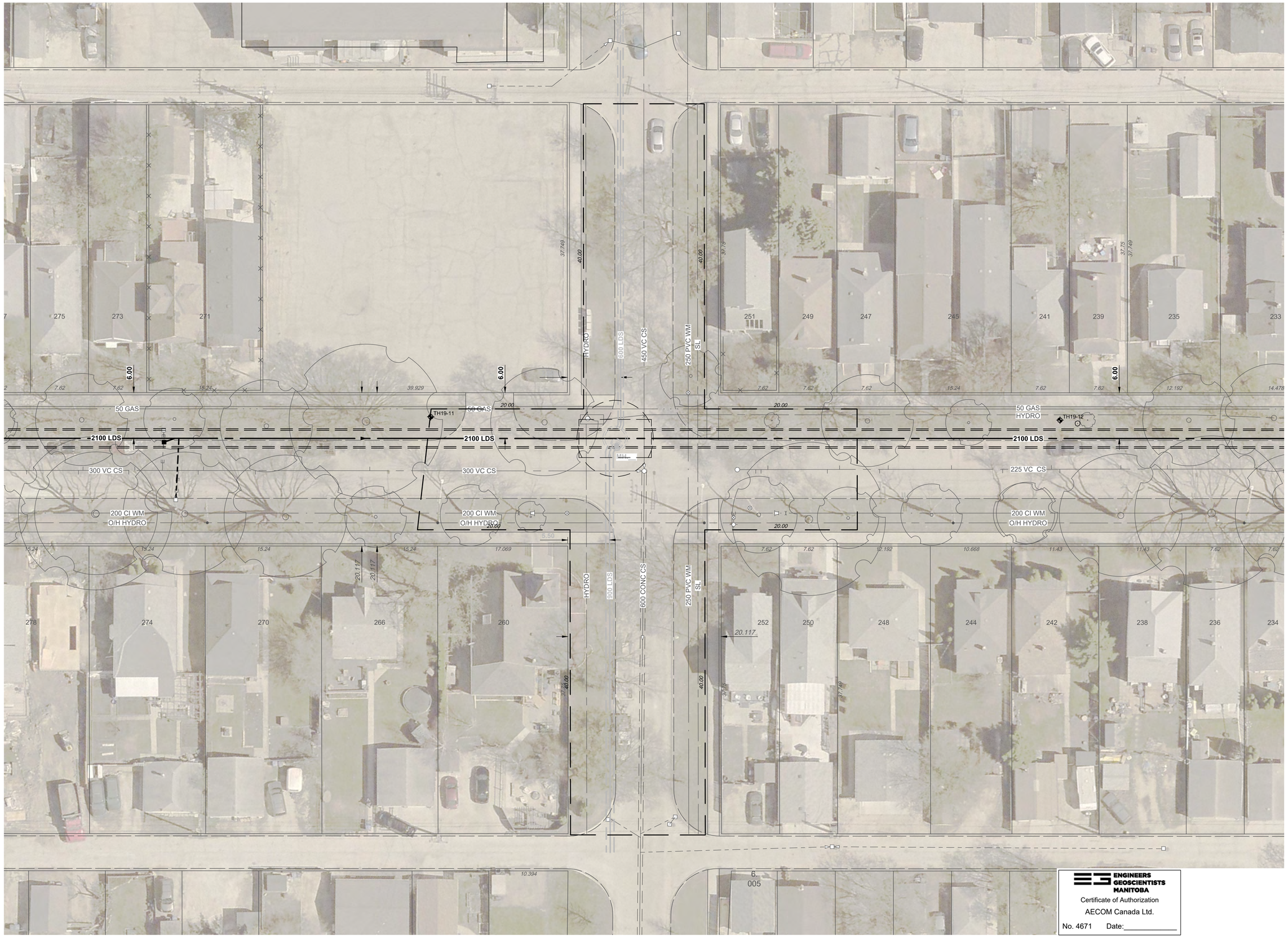

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ENGINEER'S SEAL

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C-1004

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
AIKINS STREET
LAYDOWN AREA

SHEET 6 OF 22

CITY DRAWING NUMBER
06

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ENGINEER'S SEAL

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C-1005

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Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
SCOTIA STREET
LAYDOWN AREA

SHEET 7 OF 22

CITY DRAWING NUMBER
07

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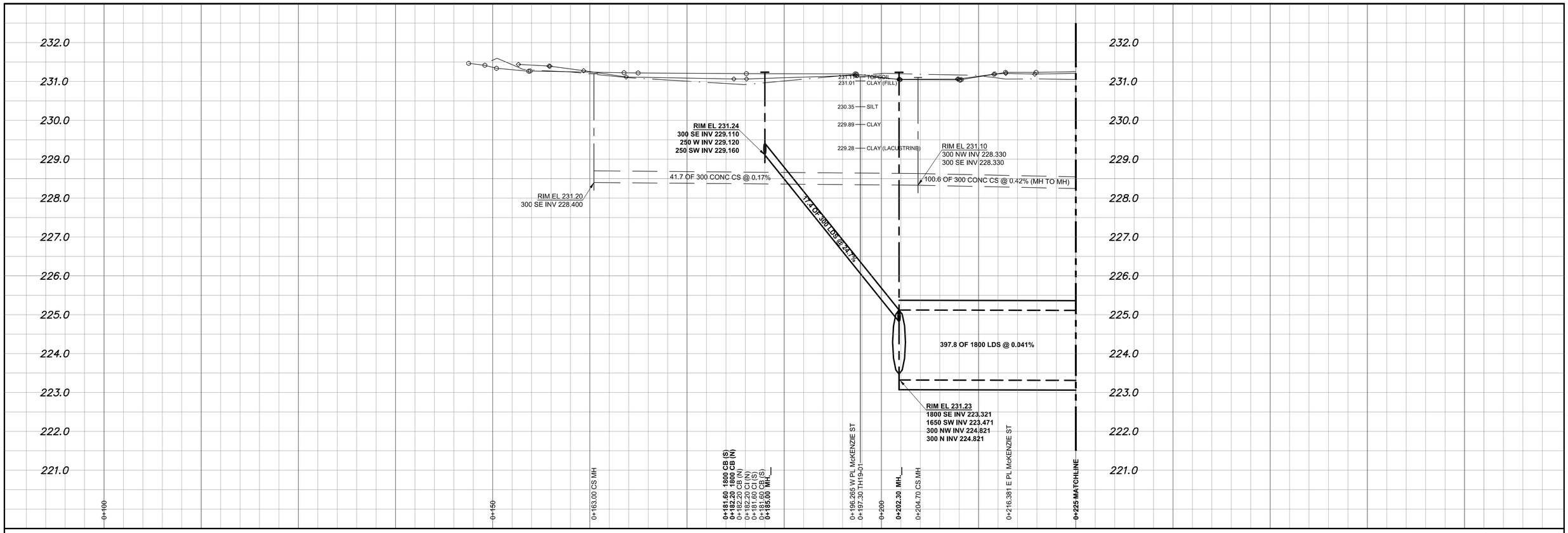
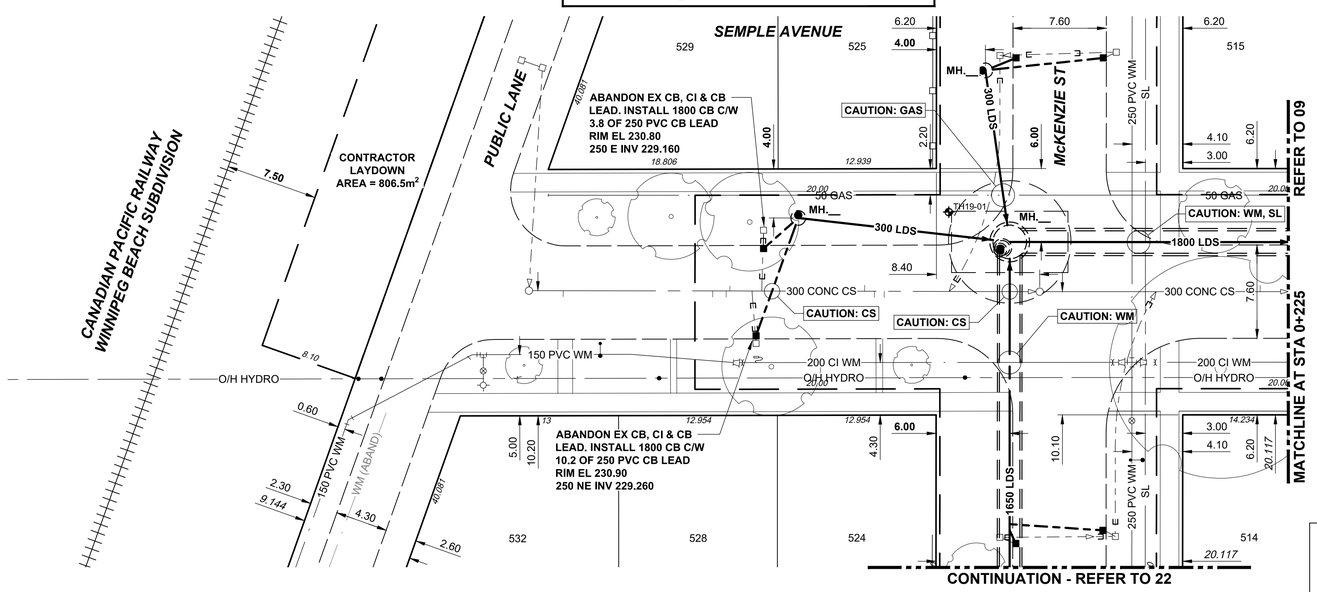


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



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ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
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DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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B.M.
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SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1006

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

C.P.R. WINNIPEG BEACH SUBDIVISION R.O.W
TO 170m WEST OF McGREGOR STREET

SHEET 8 OF 22

CITY DRAWING NUMBER
08

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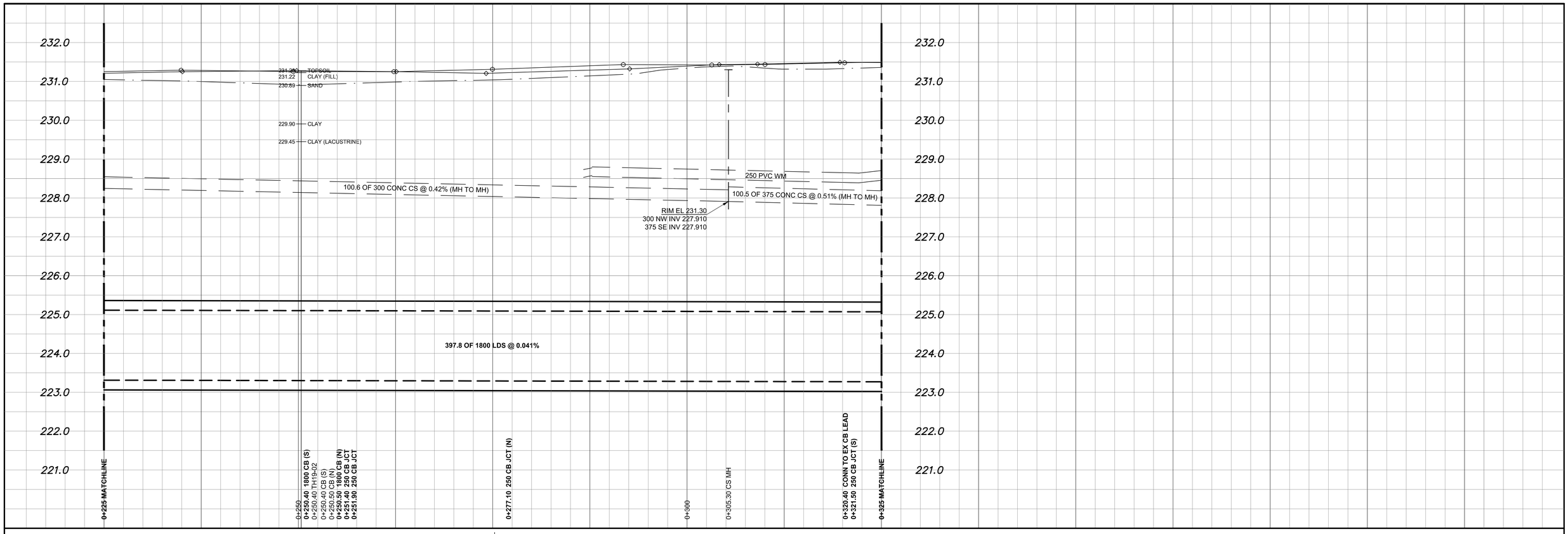

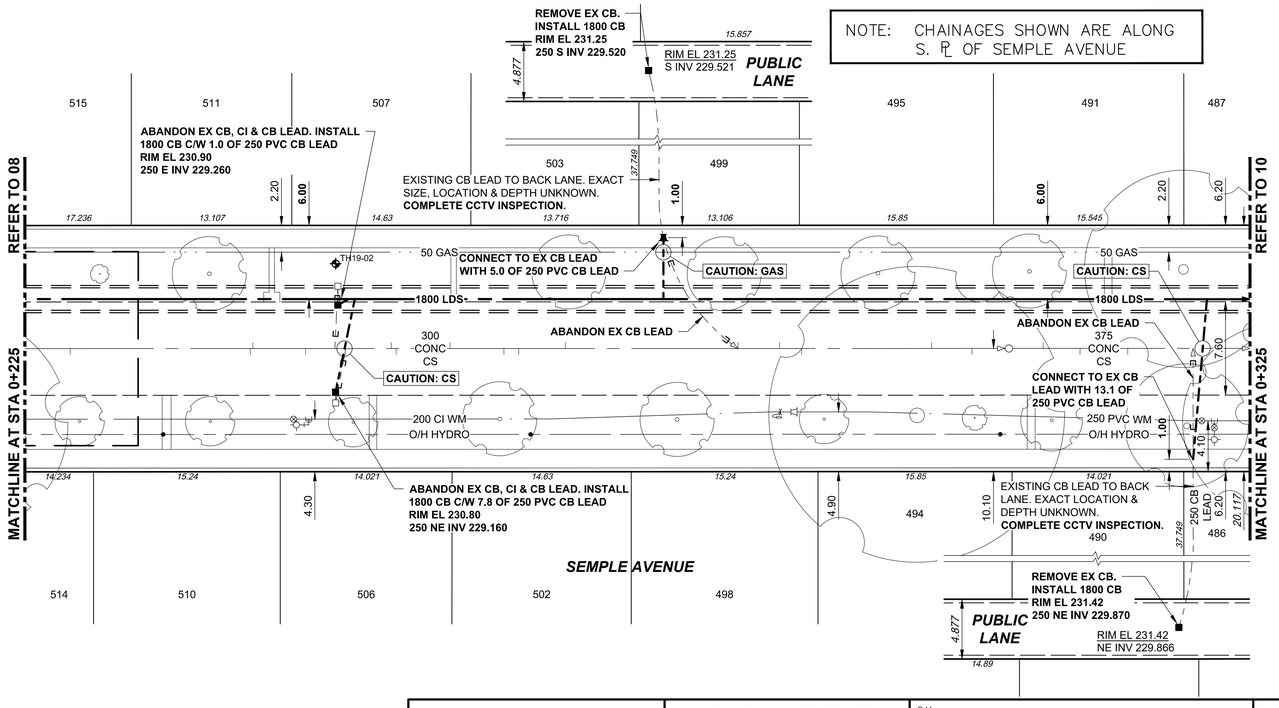

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No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1007

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
SEMPLE AVENUE
9m EAST OF McKENZIE STREET TO
71m WEST OF McGREGOR STREET

SHEET 9 OF 22
CITY DRAWING NUMBER
09

Tender No: XXX-20XX
CONTRACT NUMBER: X

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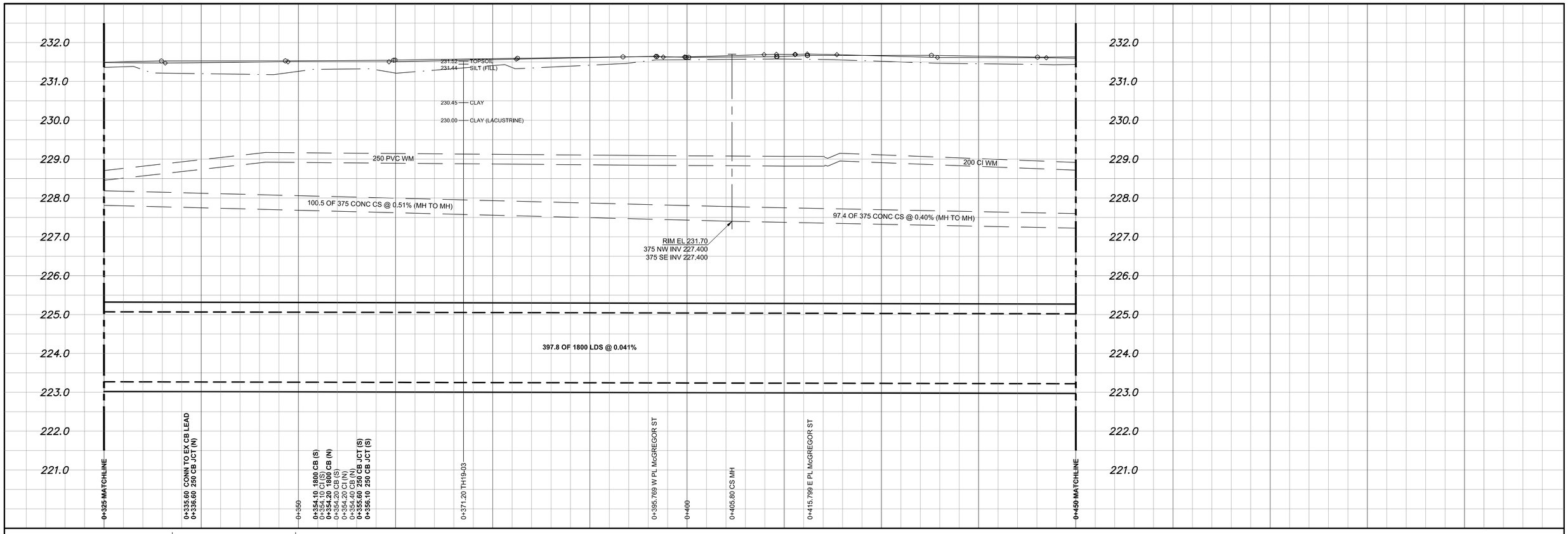
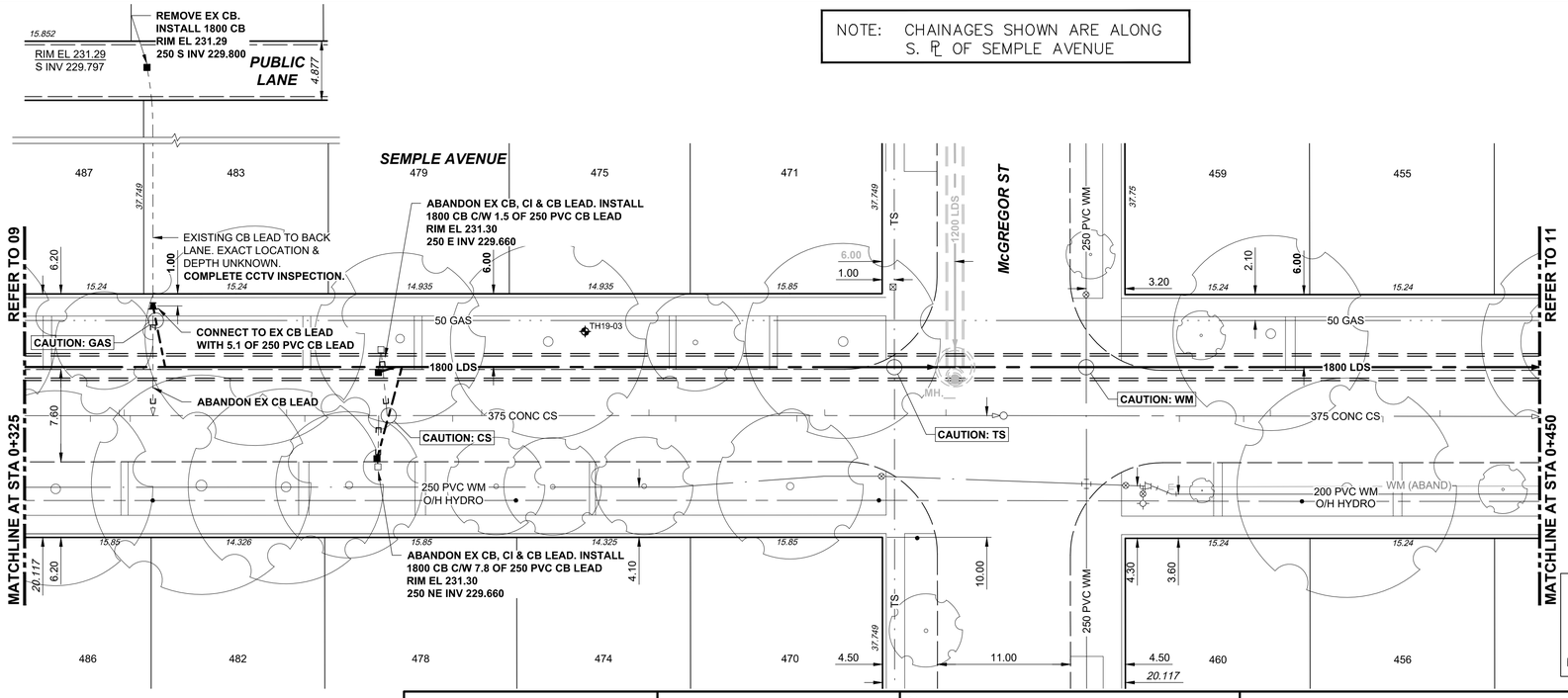


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1008

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
SEMPLE AVENUE
108m EAST OF McKENZIE STREET TO
147m WEST OF ANDREWS STREET

SHEET 10 OF 22

CITY DRAWING NUMBER
10

Tender No: XXX-20XX
CONTRACT NUMBER: X

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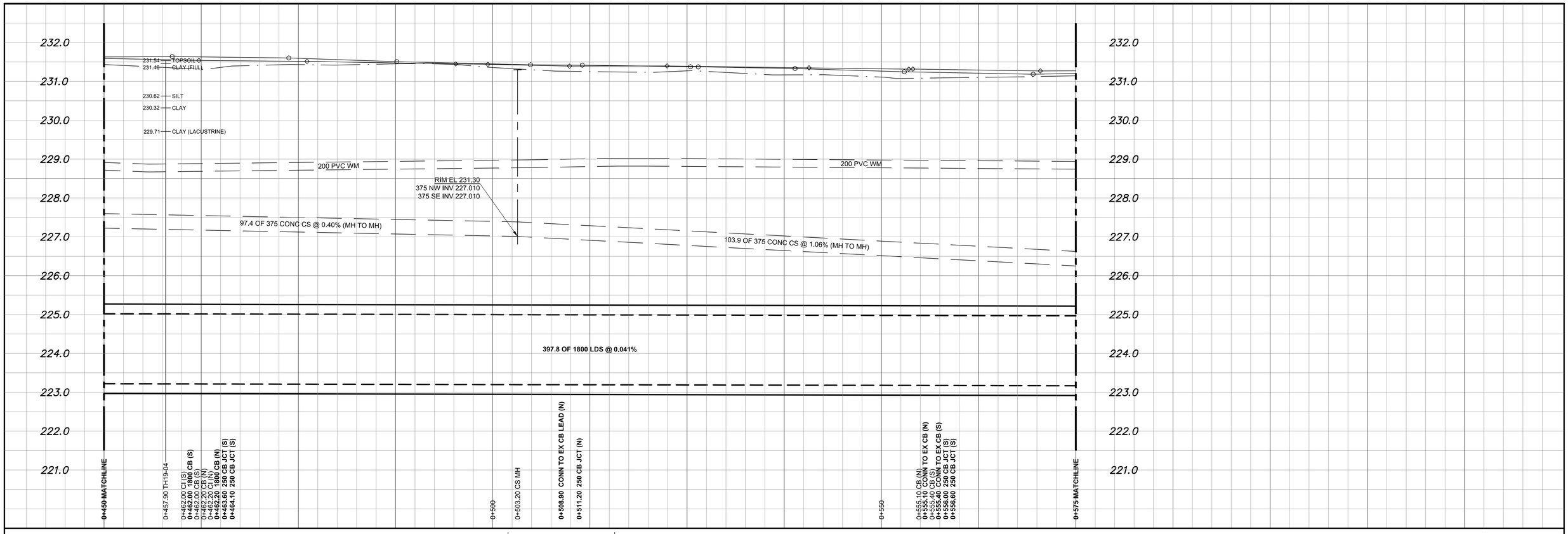
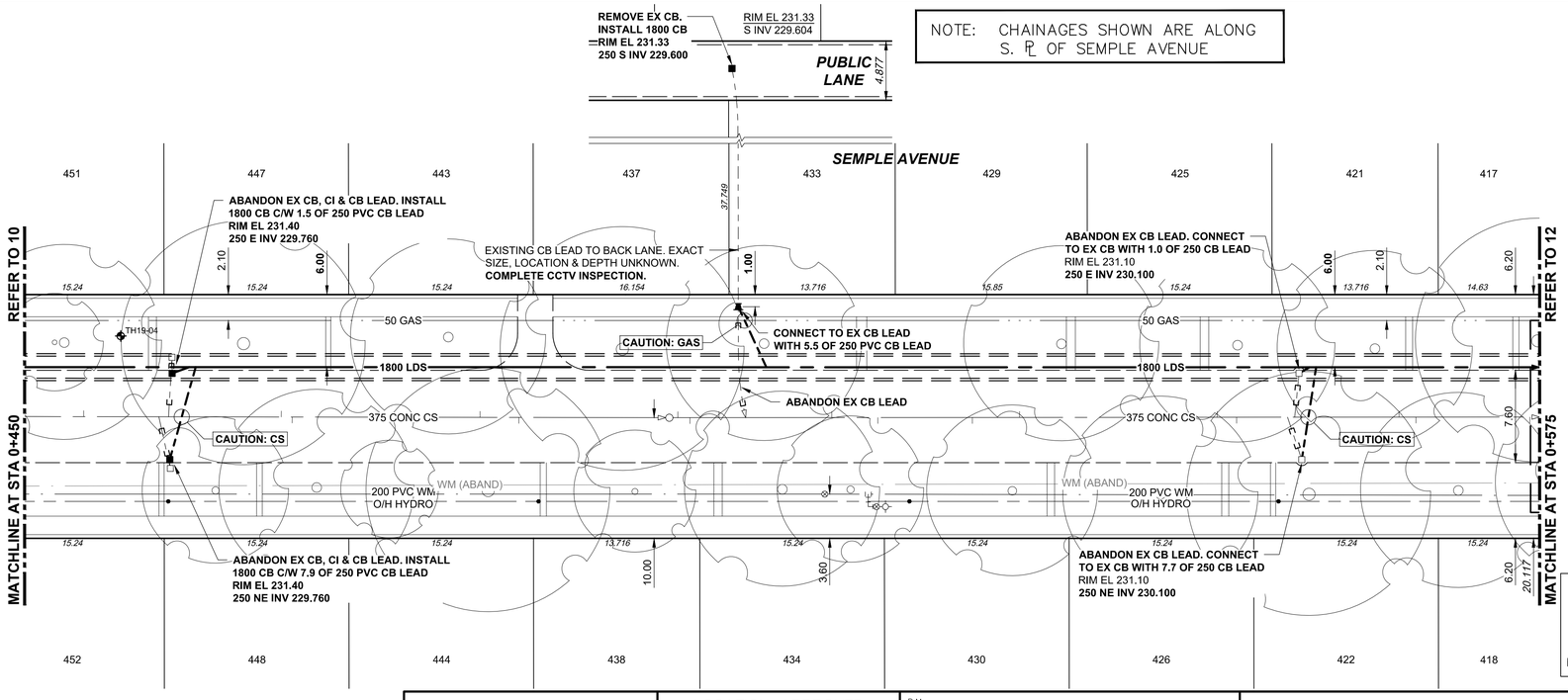


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

NOTE:

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1009

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
SEMPLE AVENUE
34m EAST OF McGREGOR STREET TO
22m WEST OF ANDREWS STREET

SHEET 11 OF 22

CITY DRAWING NUMBER
11

Tender No: XXX-20XX
CONTRACT NUMBER: X

FILE PATH: P:\60599385\900-CAD_GIS\910-CAD\20-SHEETS\C\
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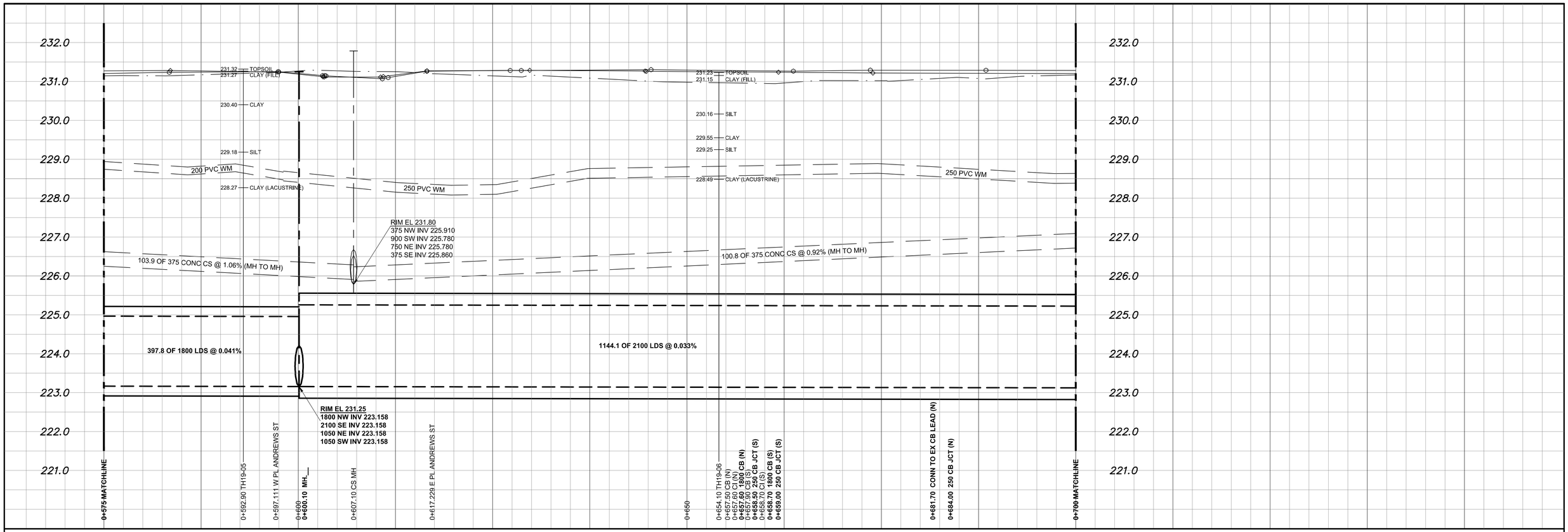
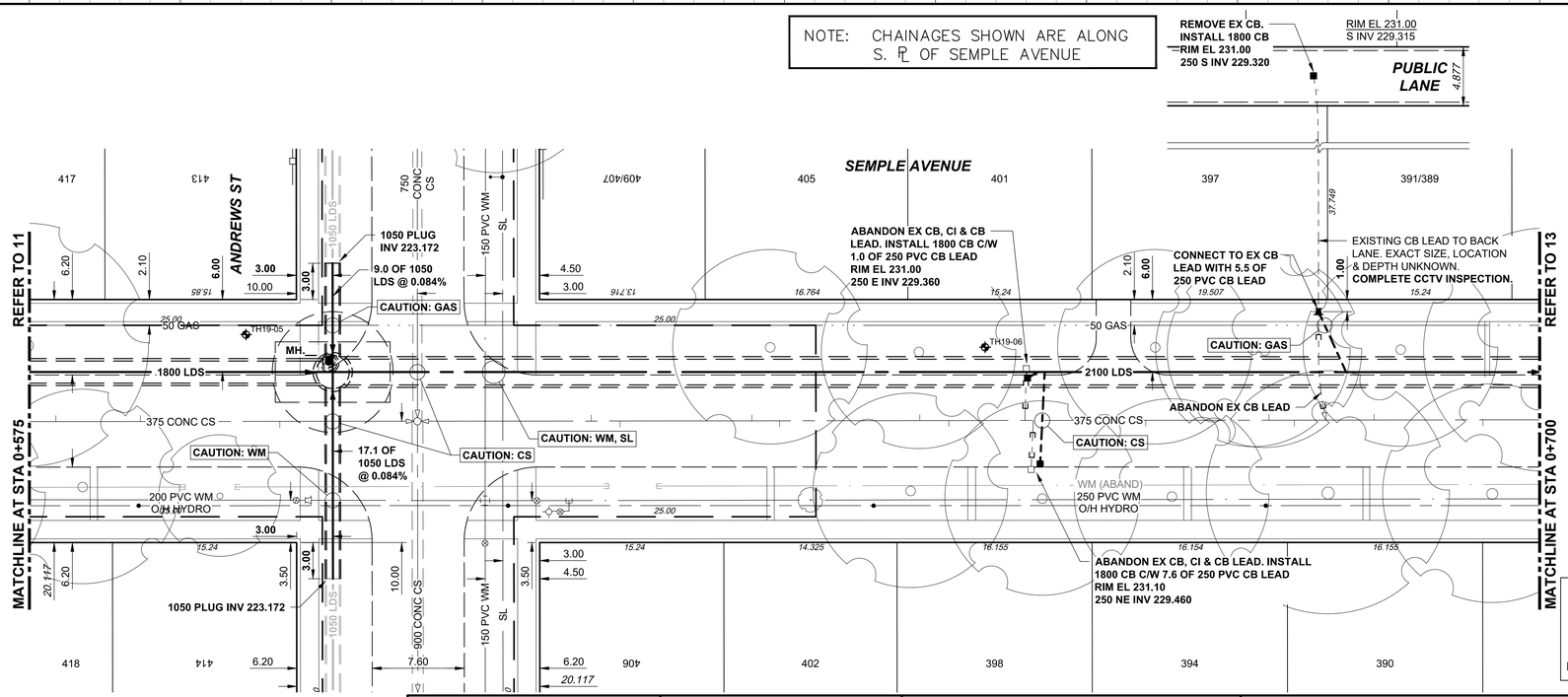
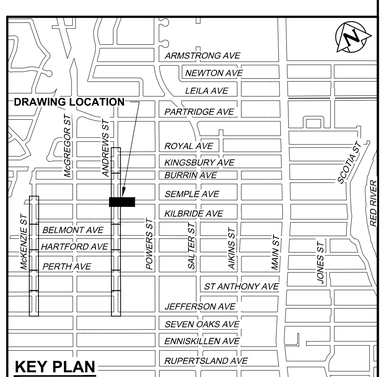


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION



ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1010

Tender No: XXX-20XX
CONTRACT NUMBER: X

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

160m EAST OF McGREGOR STREET TO
99m WEST OF POWERS STREET

SHEET 12 OF 22

CITY DRAWING NUMBER
12

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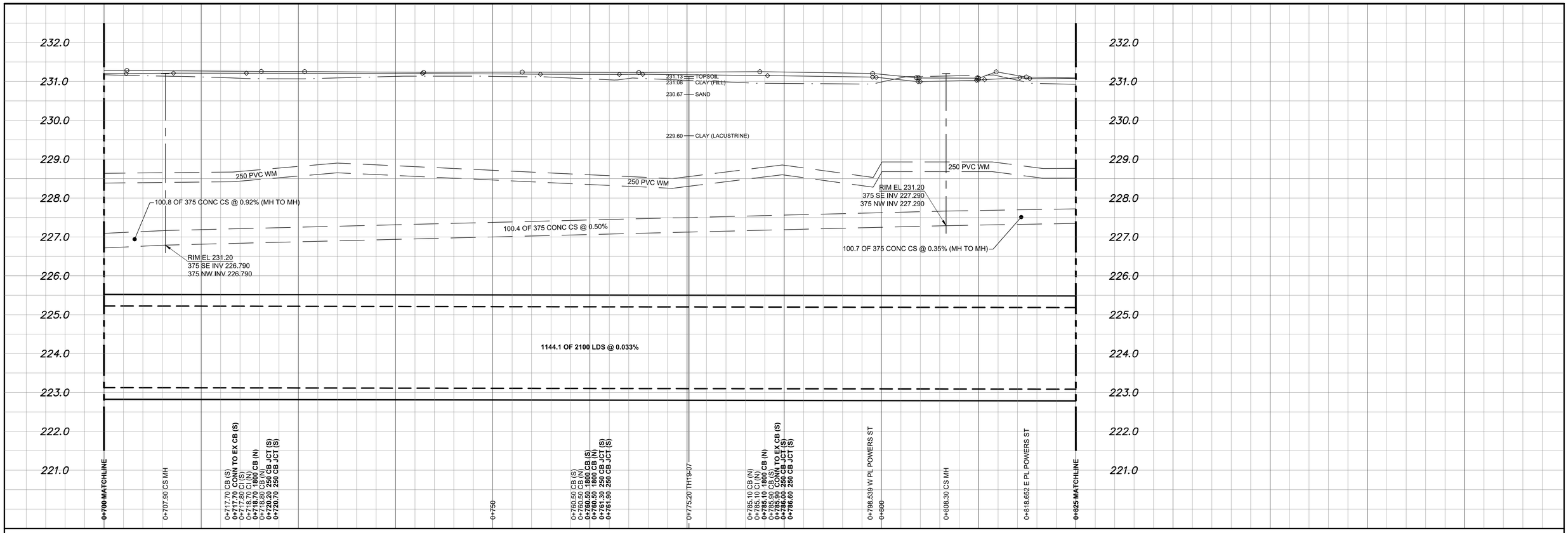
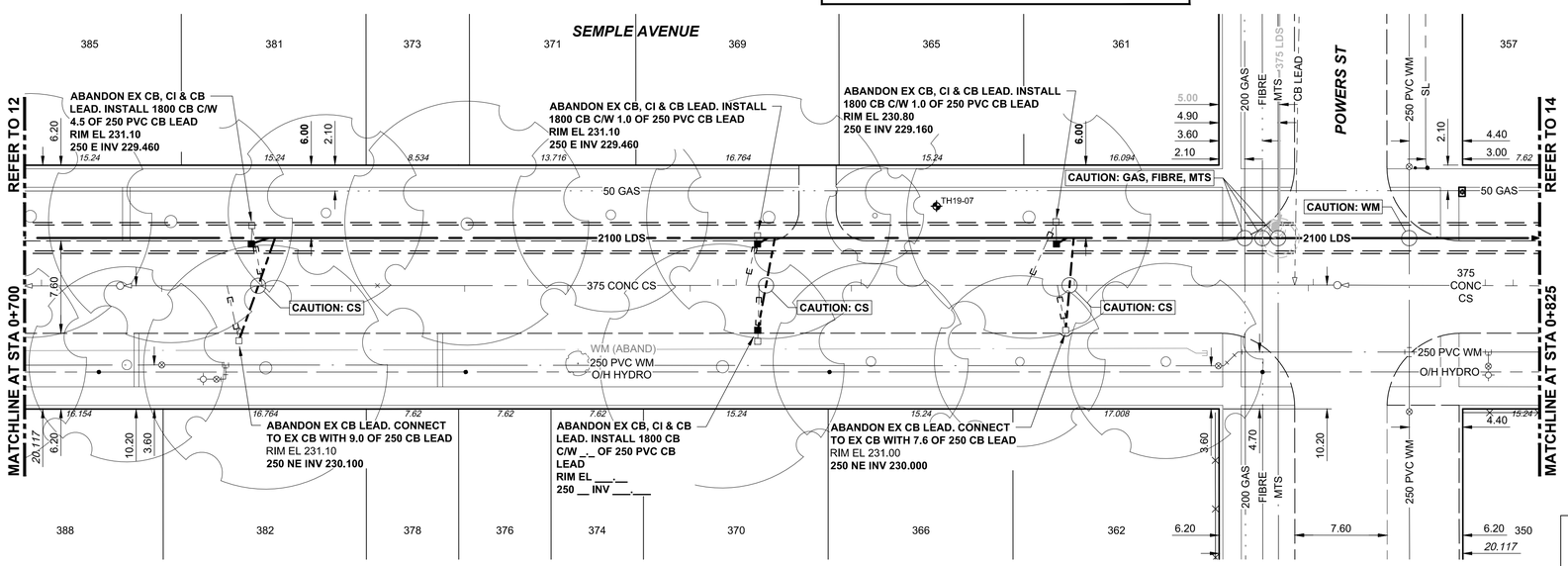


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

NOTE:
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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1011

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

83m EAST OF ANDREWS STREET TO
175m WEST OF SALTER STREET

SHEET 13 OF 22

CITY DRAWING NUMBER
13

Tender No: XXX-20XX
CONTRACT NUMBER: X

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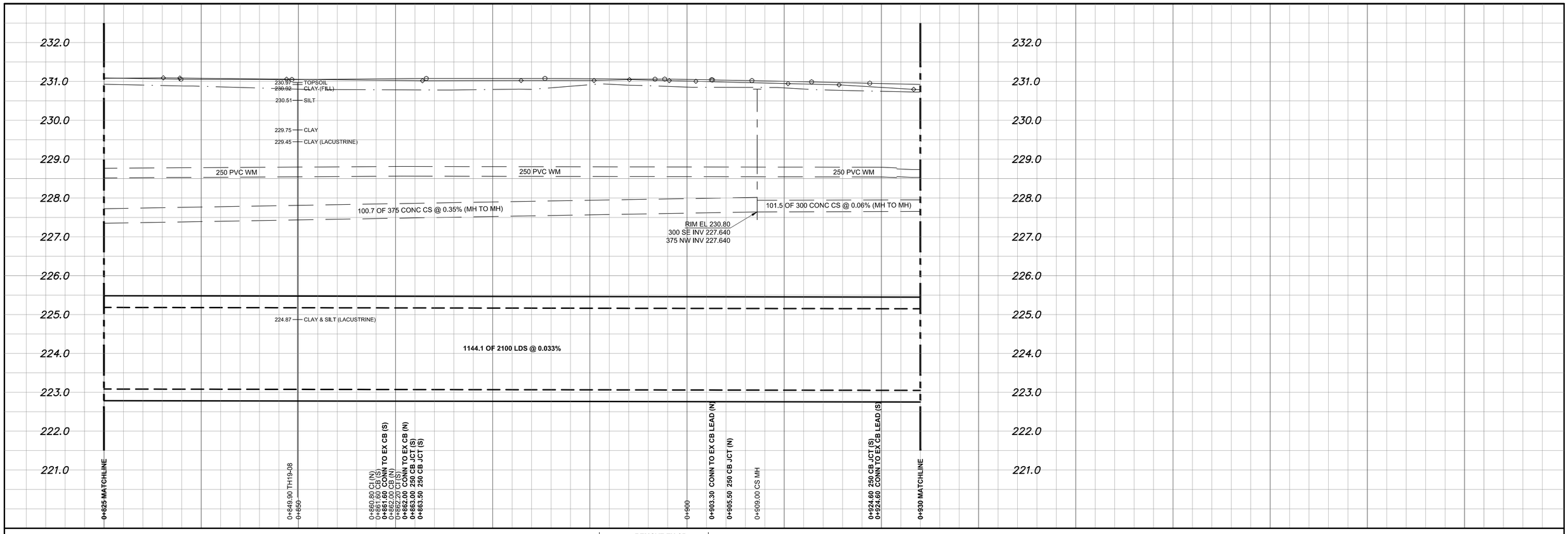
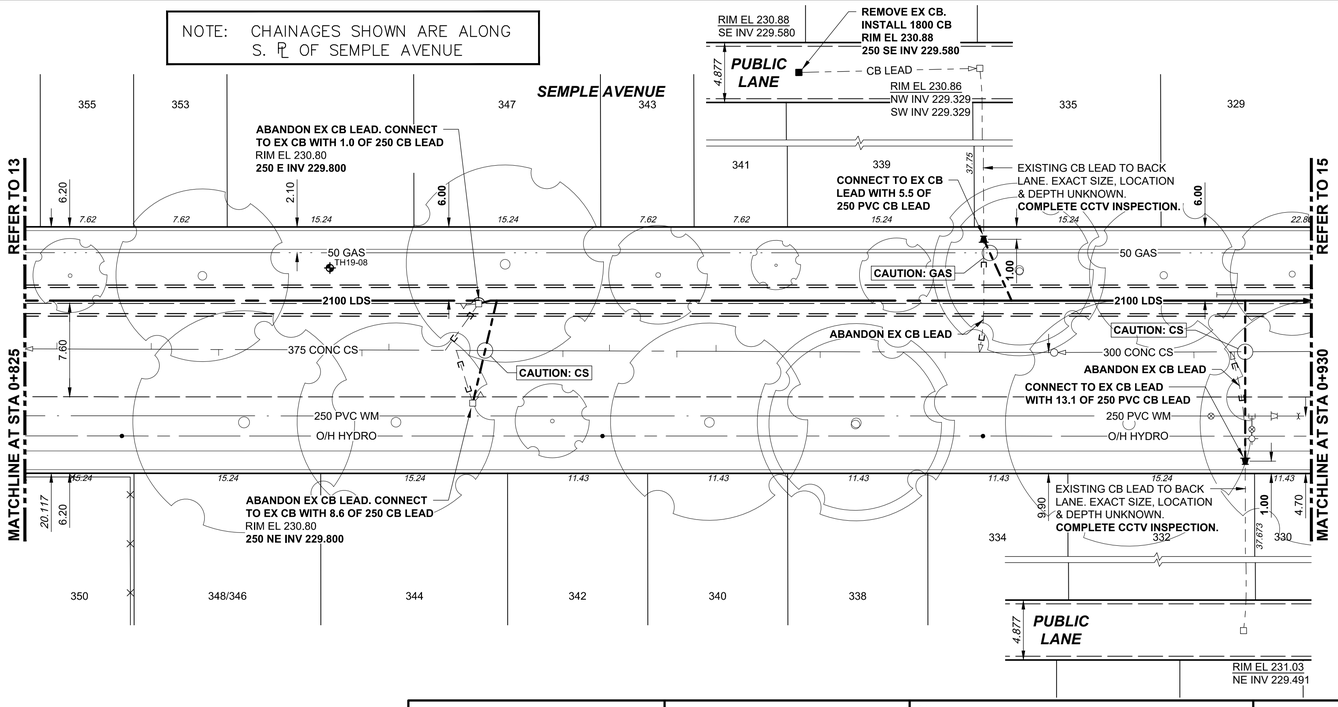


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1012

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
SEMPLE AVENUE
6m EAST OF POWERS STREET TO
70m WEST OF SALTER STREET

SHEET 14 OF 22

CITY DRAWING NUMBER
14

Tender No: XXX-20XX
CONTRACT NUMBER: X

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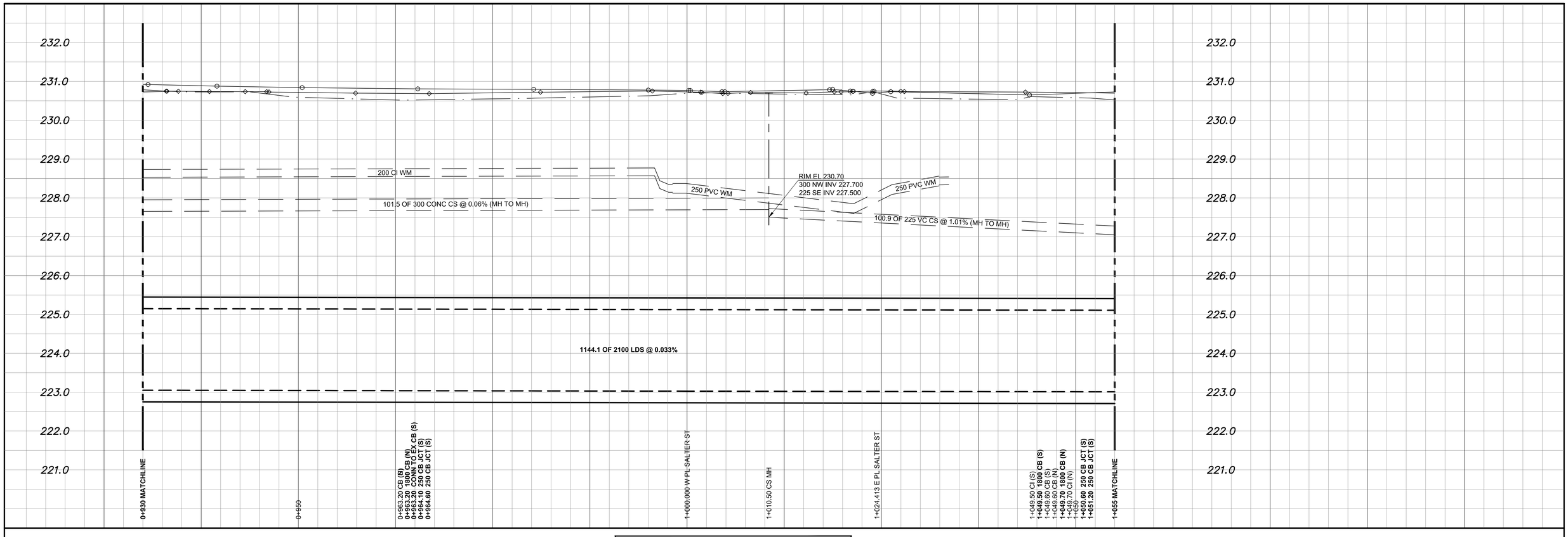
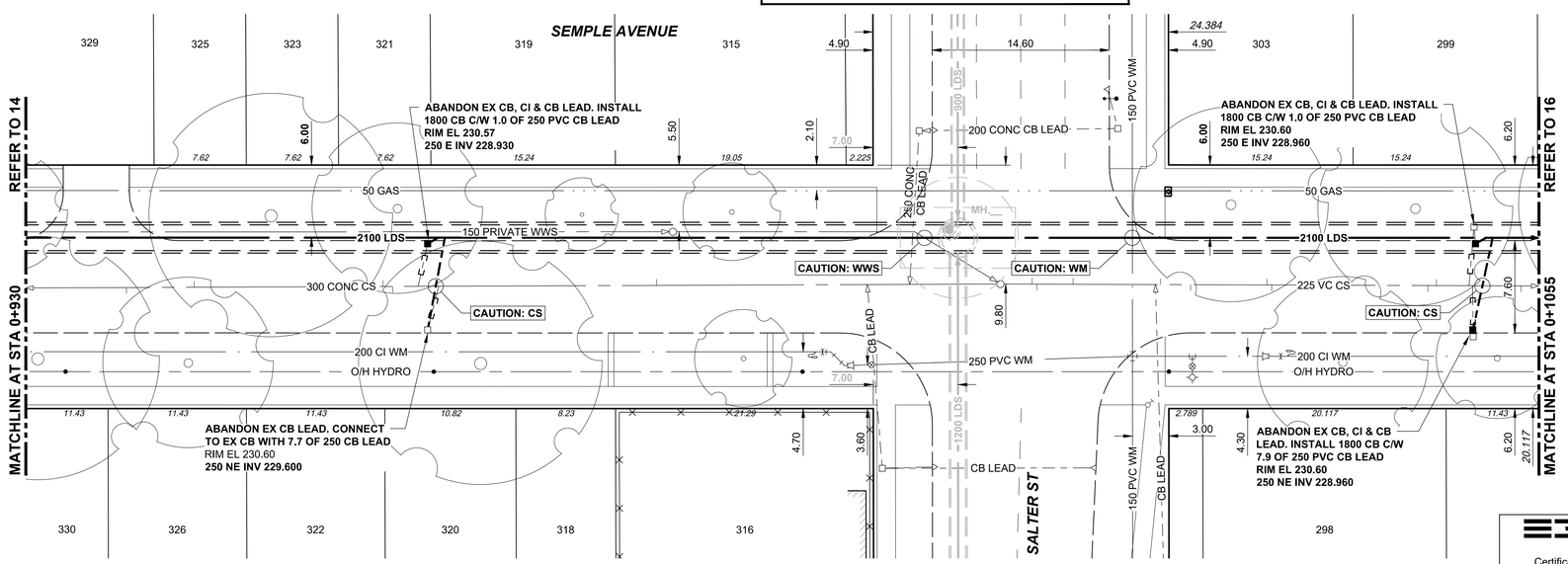


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1013

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

111m EAST OF POWERS STREET TO
147m WEST OF AIKINS STREET

SHEET 15 OF 22

CITY DRAWING NUMBER
15

Tender No: XXX-20XX
CONTRACT NUMBER: X

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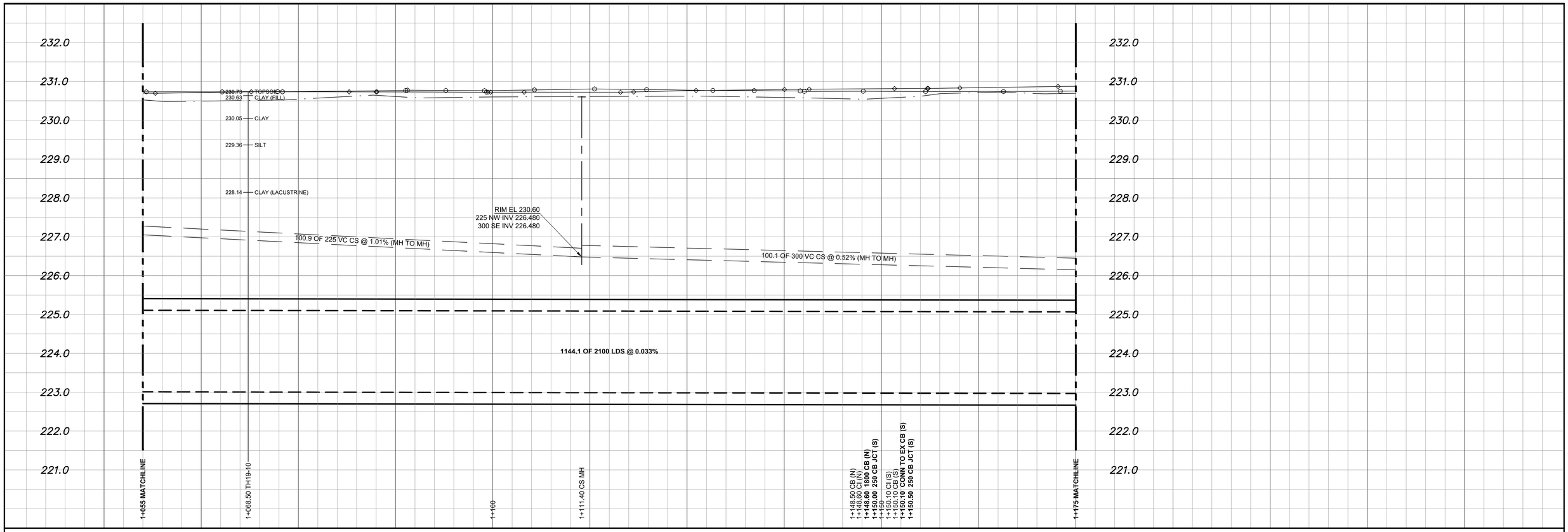
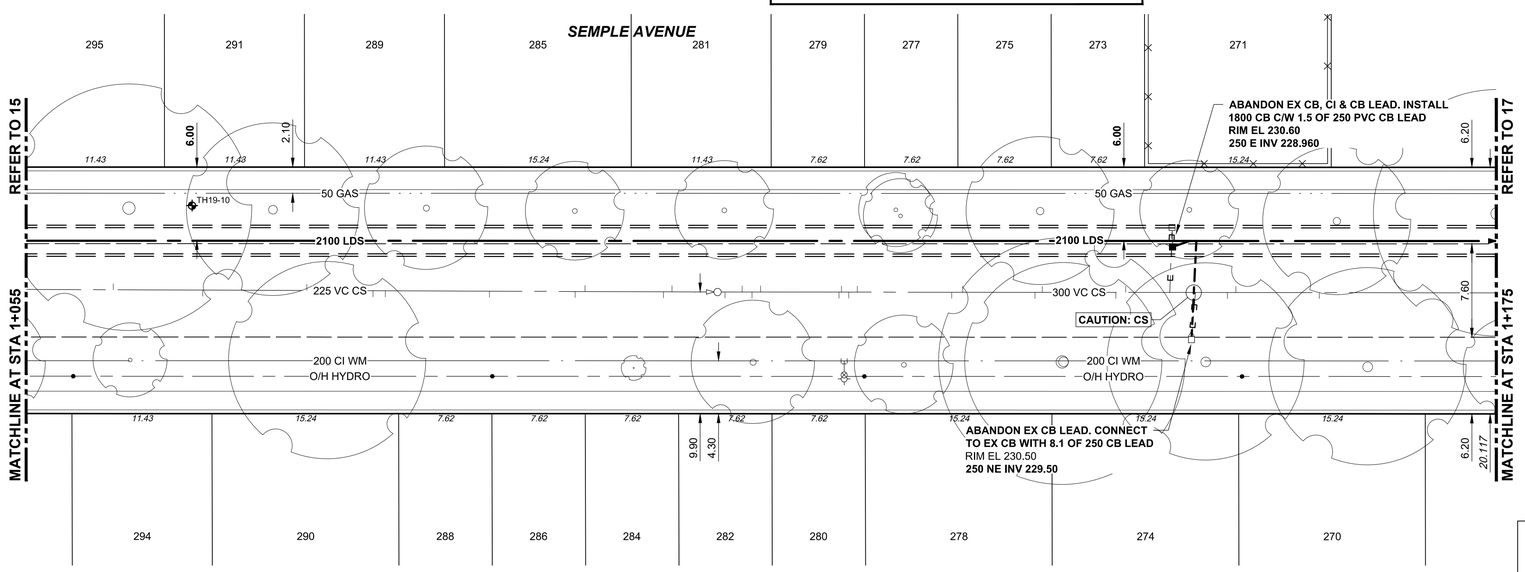


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

NOTE:

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1014

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

31m EAST OF SALTER STREET TO
27m WEST OF AIKINS STREET

SHEET 16 OF 22

CITY DRAWING NUMBER
16

Tender No: XXX-20XX
CONTRACT NUMBER: X

FILE PATH: P:\60599385\900-CAD_GIS\910-CAD\20-SHEETS\C\
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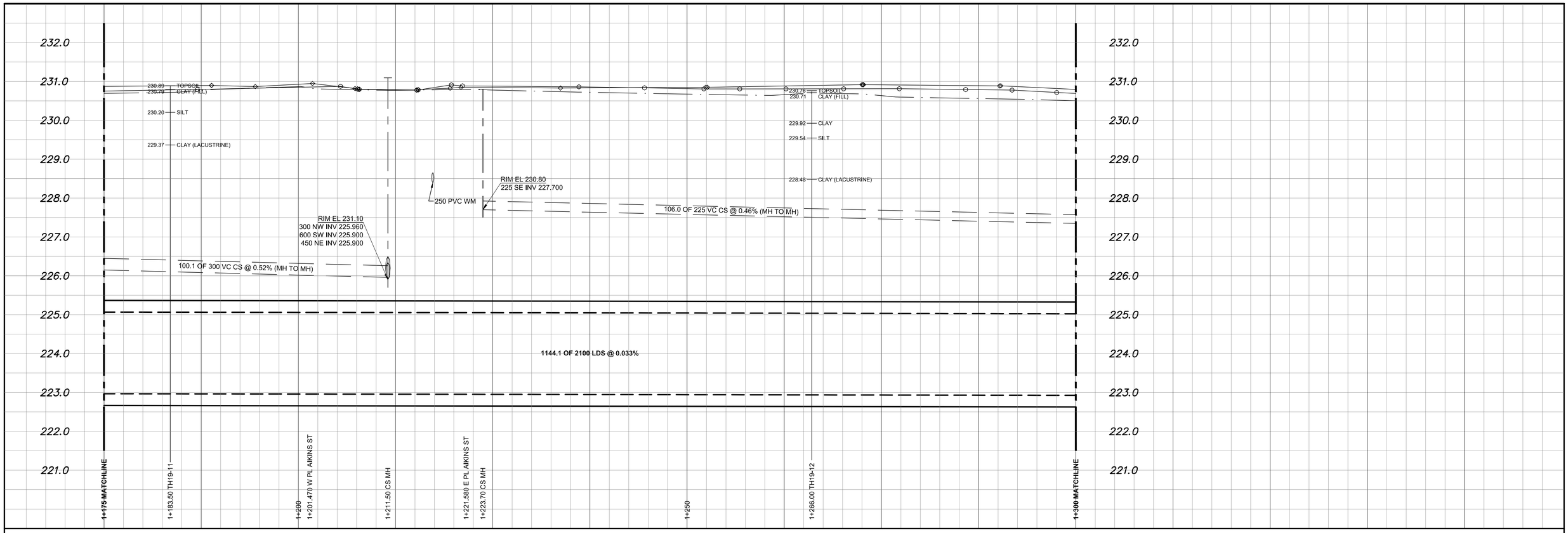
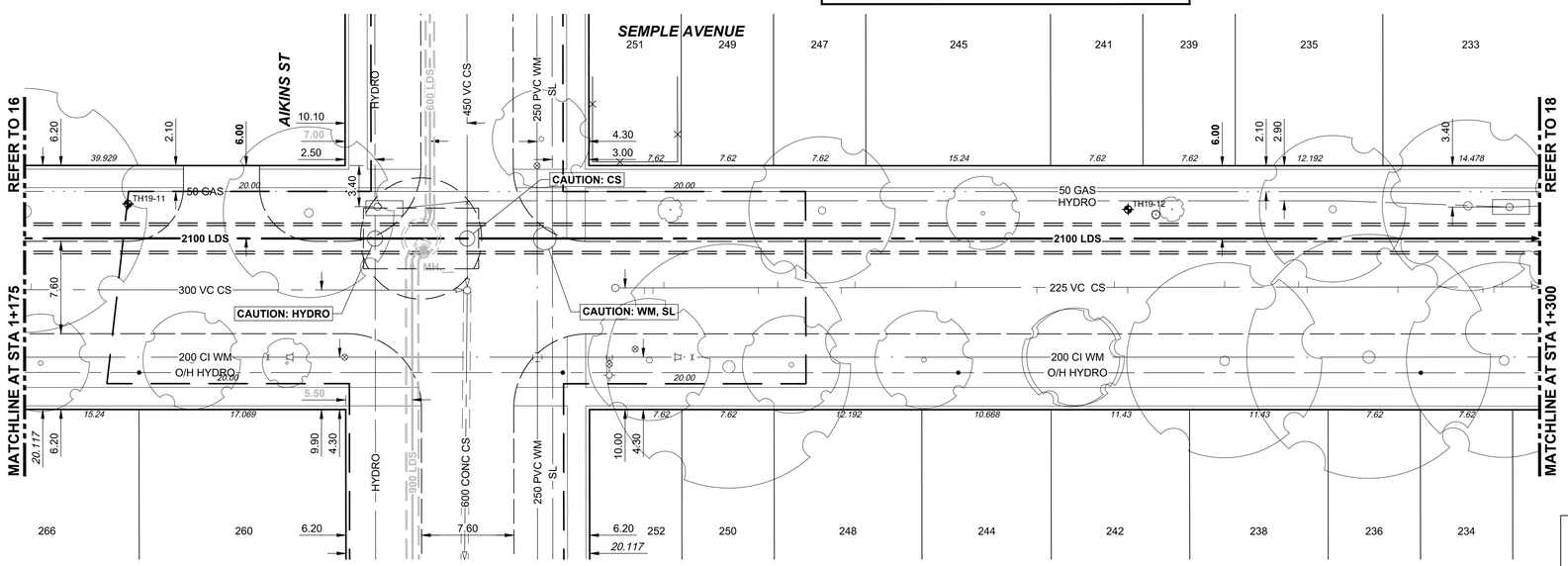
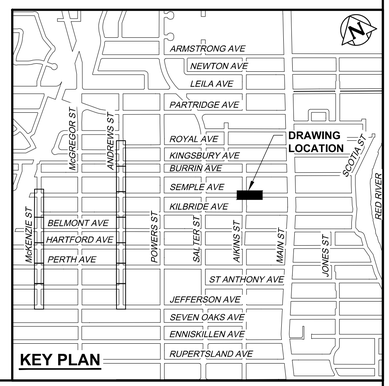


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION



ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

NOTE:

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1015

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

151m EAST OF SALTER STREET TO
123m WEST OF MAIN STREET

SHEET 17 OF 22

CITY DRAWING NUMBER
17

Tender No: XXX-20XX
CONTRACT NUMBER: X

FILE PATH: P:\60599385\900-CAD_GIS\910-CAD\20-SHEETS\C\
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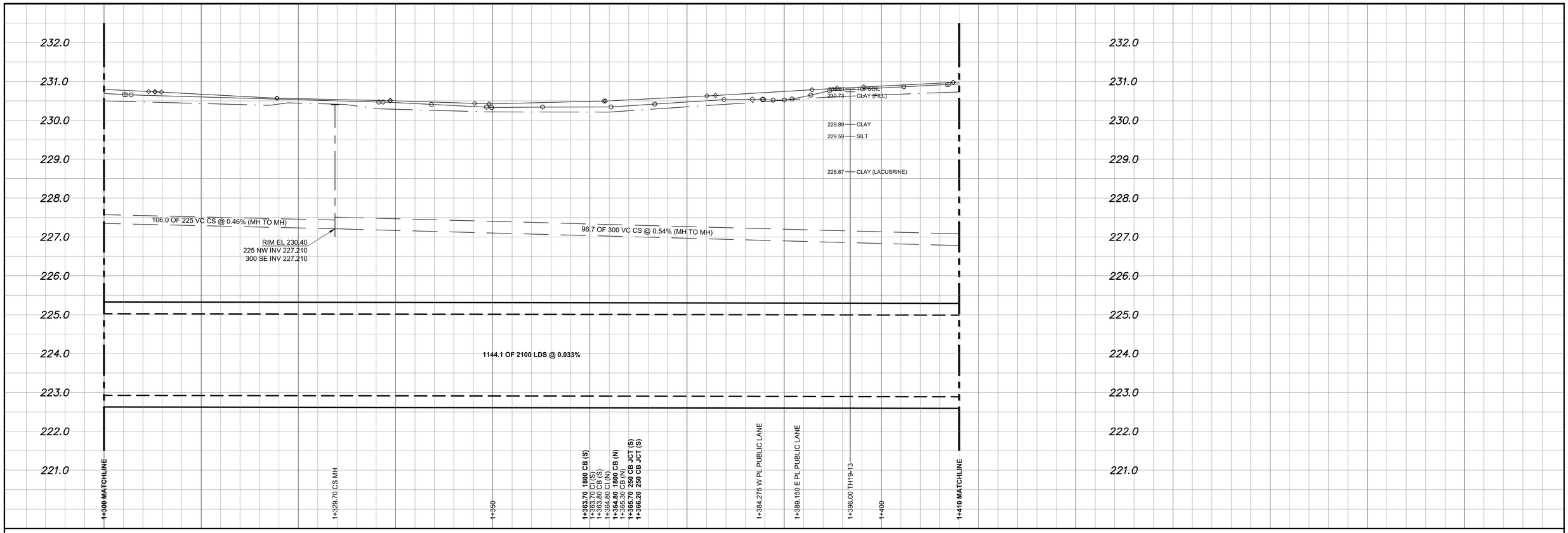
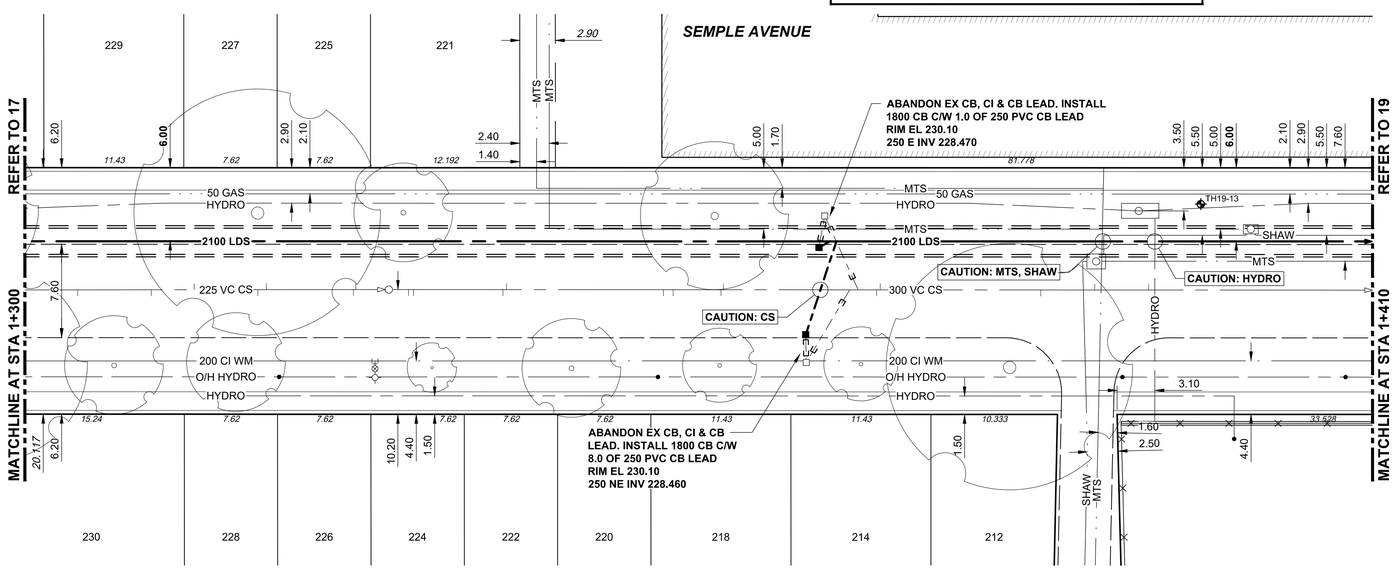
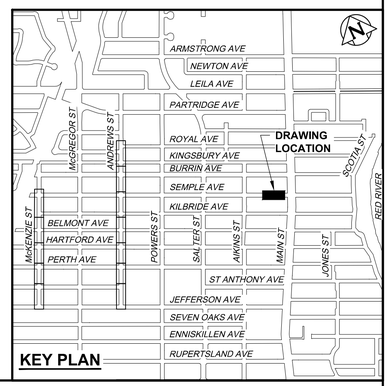


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION



ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1016

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

78m EAST OF AIKINS STREET TO
13m WEST OF MAIN STREET

SHEET 18 OF 22

CITY DRAWING NUMBER
18

Tender No: XXX-20XX
CONTRACT NUMBER: X

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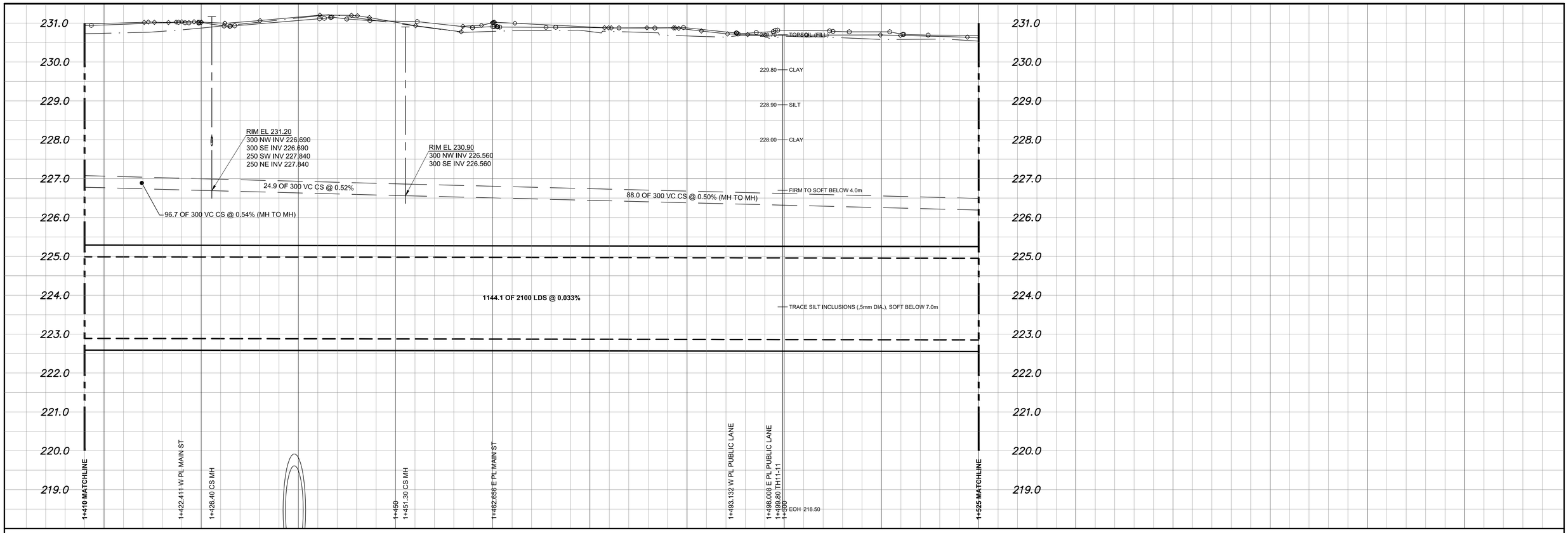
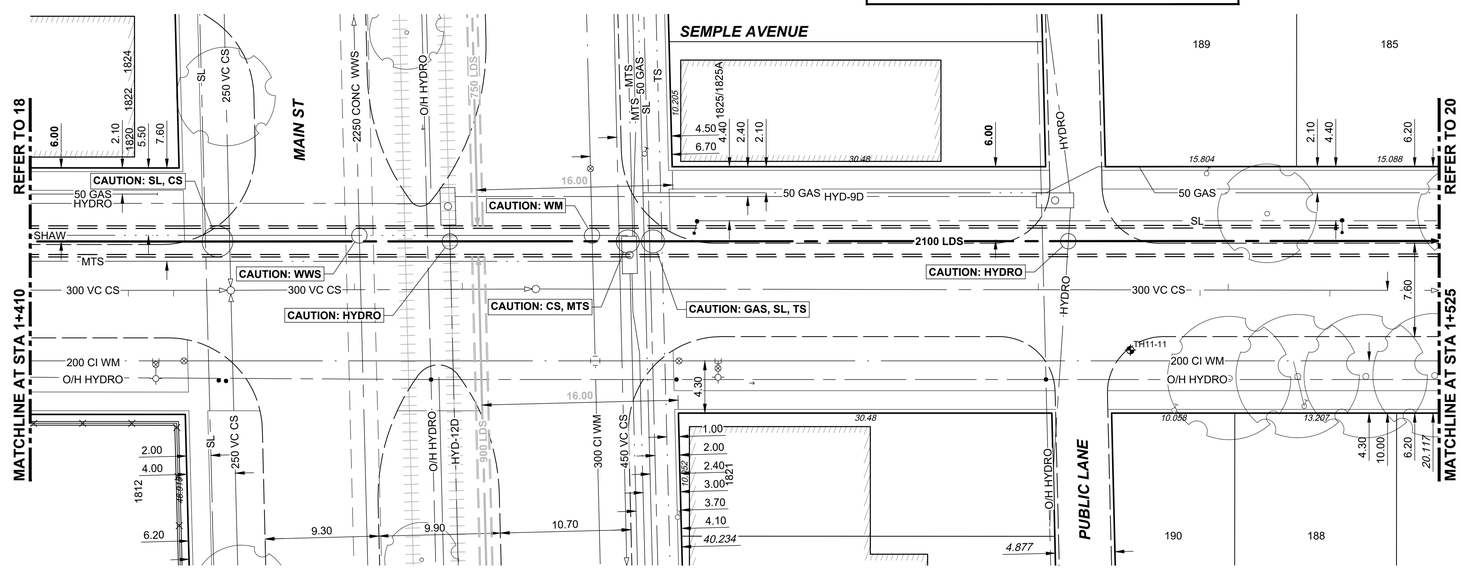


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

NOTE:

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1017

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

188m EAST OF AIKINS STREET TO
213m WEST OF SCOTIA STREET

SHEET 19 OF 22

CITY DRAWING NUMBER
19

Tender No: XXX-20XX
CONTRACT NUMBER: X

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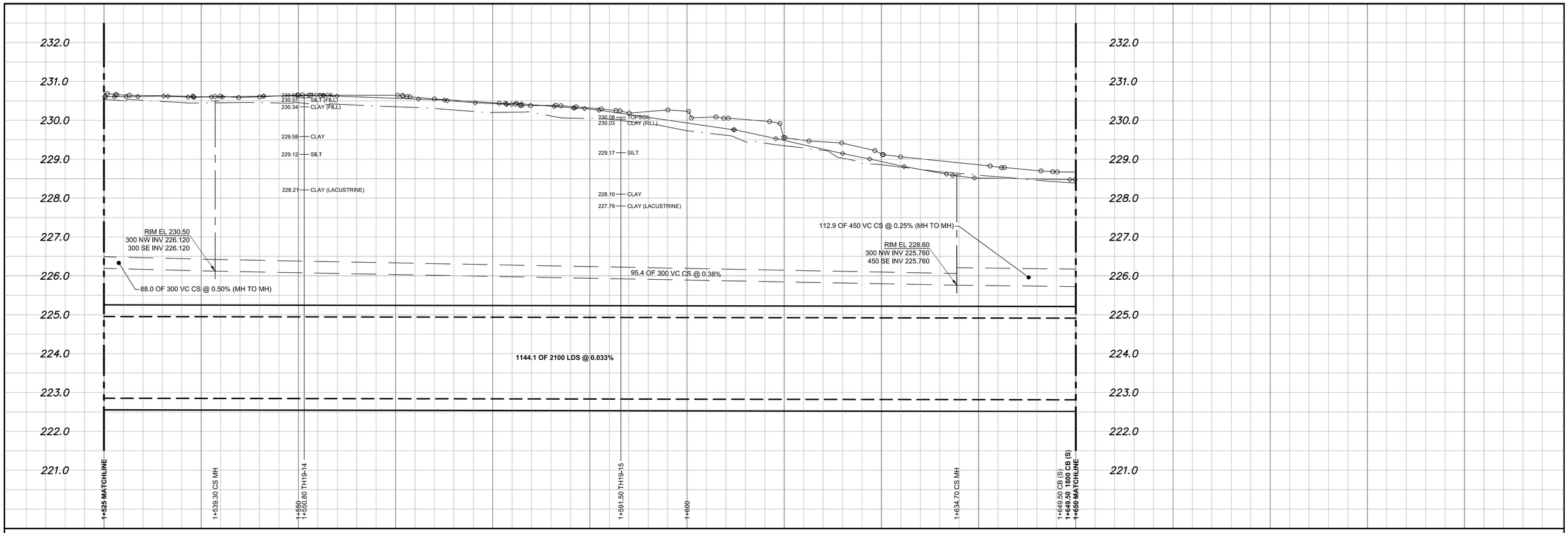
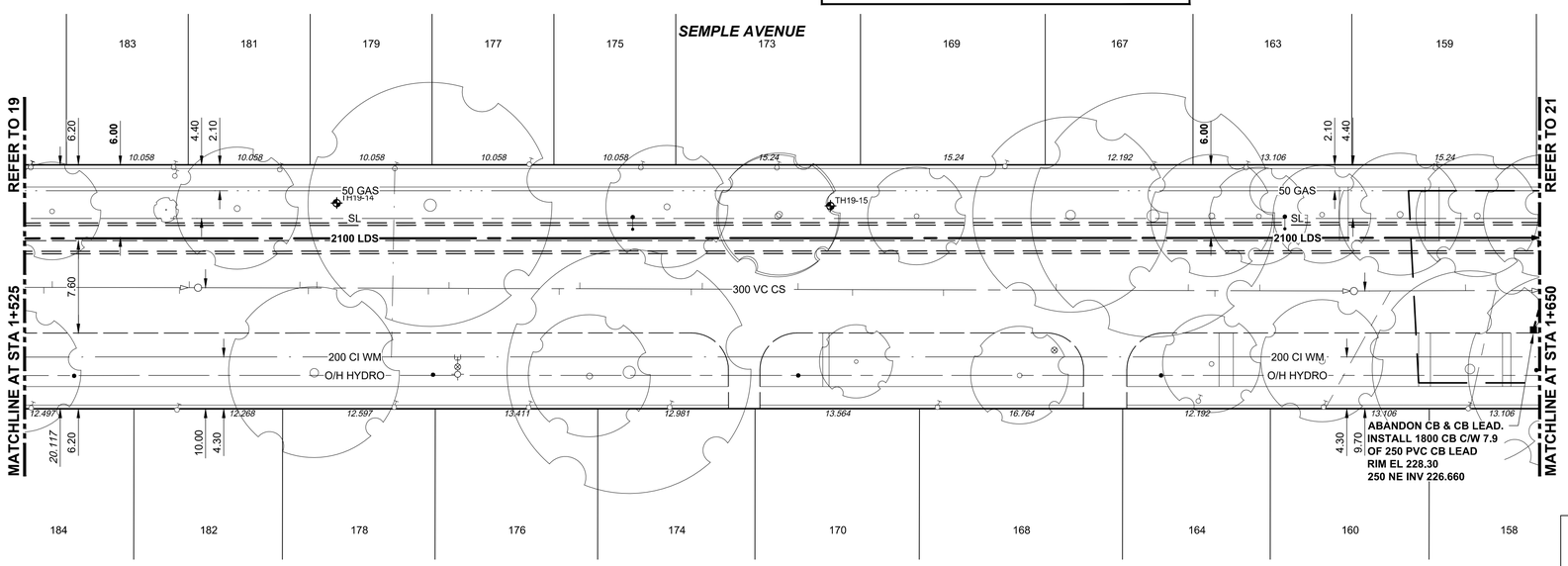


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1018

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE

62m EAST OF MAIN STREET TO
88m WEST OF SCOTIA STREET

SHEET 20 OF 22

CITY DRAWING NUMBER
20

Tender No: XXX-20XX
CONTRACT NUMBER: X

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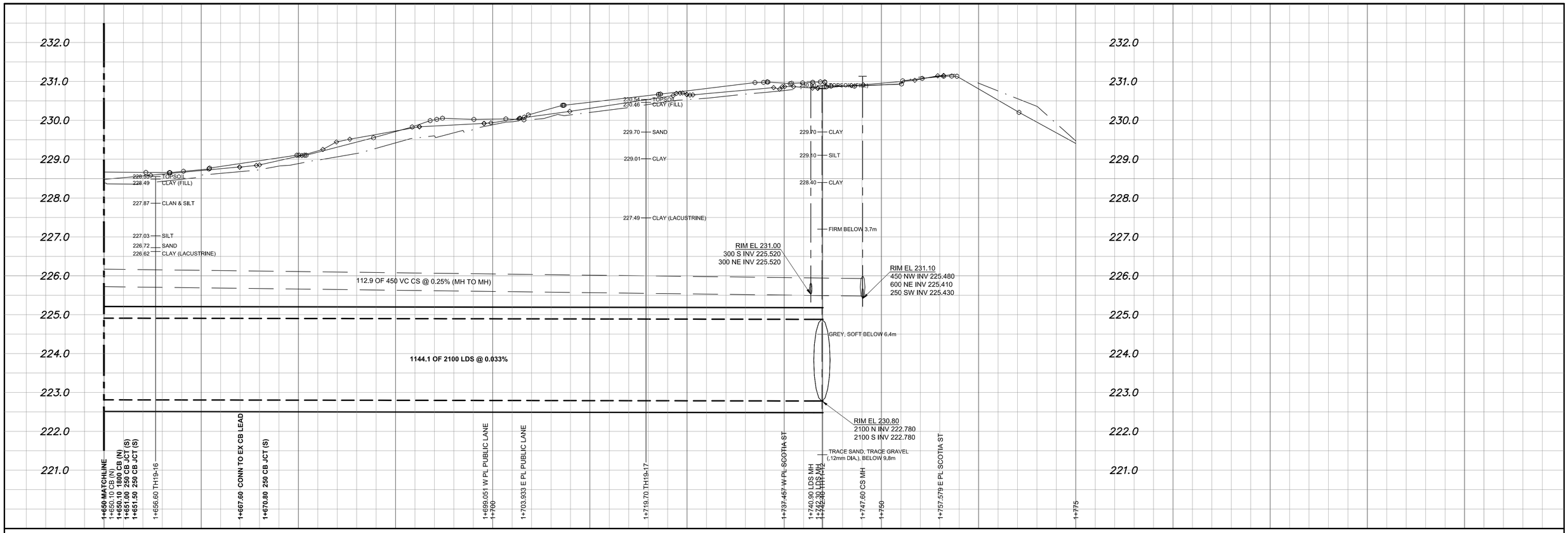
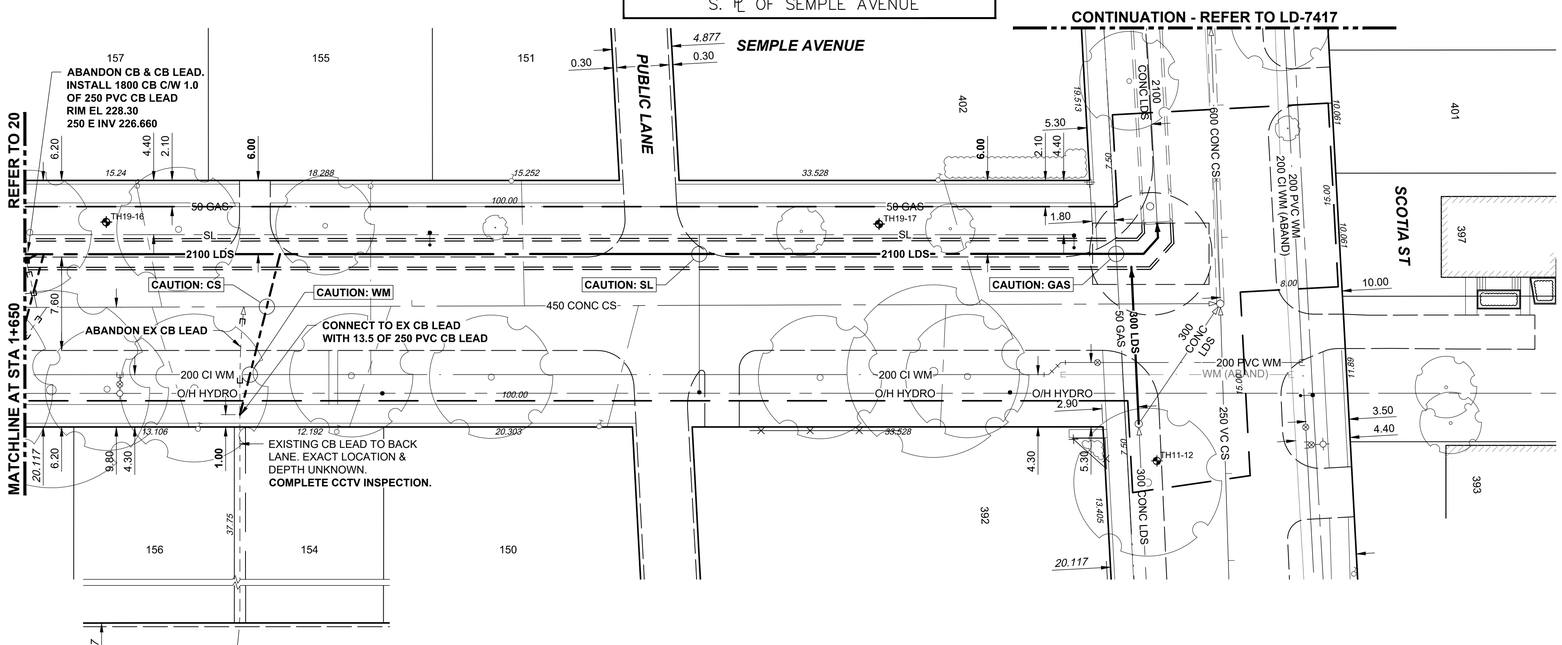


NOTE: CHAINAGES SHOWN ARE ALONG S. ℄ OF SEMPLE AVENUE



PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

WARNING

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LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

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B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1019

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER

SEMPLE AVENUE
187m EAST OF MAIN STREET
TO SCOTIA STREET

SHEET 21 OF 22

CITY DRAWING NUMBER
21

Tender No: XXX-20XX
CONTRACT NUMBER: X

FILE PATH: P:\60599385\900-CAD_GIS\910-CAD\20-SHEETS\C\
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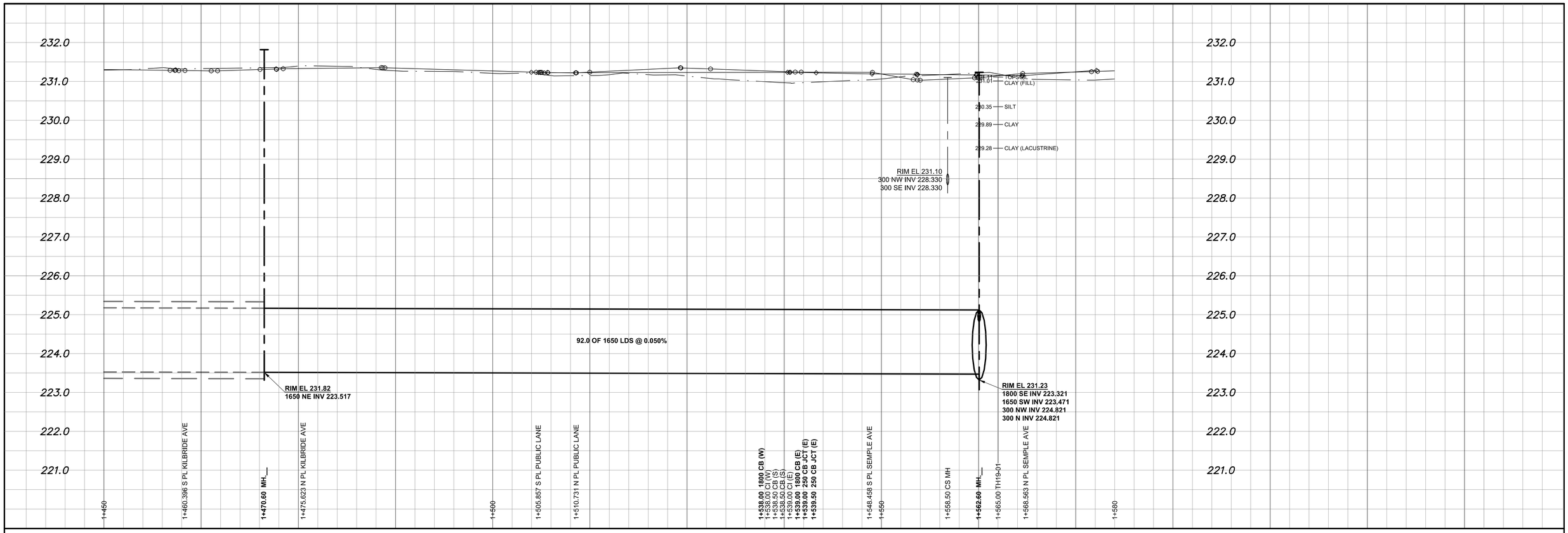
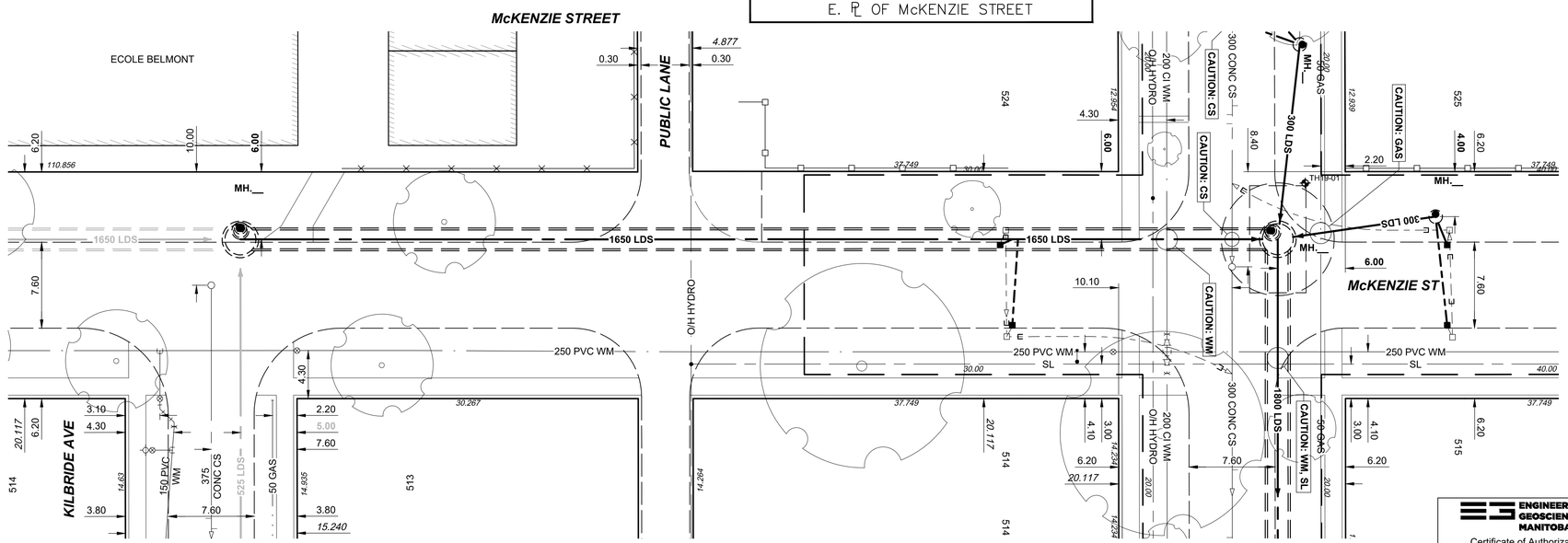
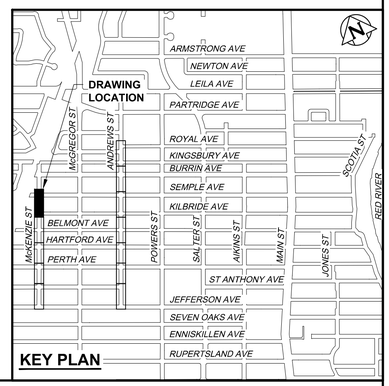


NOTE: CHAINAGES SHOWN ARE ALONG E. PL OF McKENZIE STREET



PRELIMINARY
NOT FOR CONSTRUCTION



ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

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LOCATION APPROVED
UNDERGROUND STRUCTURES

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A	ISSUED FOR RFQ	15/10/19	KLC

AECOM

DESIGNED BY	JAT	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
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VERTICAL	1:50		
DATE	2019 10 15	DATE	

PLOT DATE: 2019 10 15

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
C-1020

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 5 – SEMPLE TRUNK SEWER
McKENZIE STREET
KILBRIDE AVENUE
TO SEMPLE AVENUE

SHEET 22 OF 22

CITY DRAWING NUMBER
22

Tender No: XXX-20XX
CONTRACT NUMBER: X

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