



BASELINE ALIGNMENT		
STATION	NORTHING	EASTING
0+000	7436221.33	2491425.63
0+020	7436201.39	2491423.78
0+040	7436181.48	2491421.94
0+060	7436161.58	2491420.09
0+080	7436141.66	2491418.24
0+100	7436121.42	2491417.49
0+120	7436101.43	2491417.90
0+140	7436081.44	2491418.31
0+160	7436061.43	2491418.70
0+180	7436041.44	2491419.10
0+200	7436021.95	2491423.04
0+220	7436002.60	2491428.11
0+240	7435983.25	2491433.17
0+260	7435963.91	2491438.24
0+280	7435944.11	2491435.60
0+300	7435924.27	2491432.85
0+320	7435904.47	2491430.10
0+340	7435884.66	2491427.36

BASELINE ALIGNMENT		
STATION	NORTHING	EASTING
1+000	7436221.33	2491425.58
1+020	7436222.25	2491445.50
1+040	7436223.17	2491465.54
1+060	7436224.09	2491485.52
1+080	7436225.01	2491505.50
1+100	7436225.93	2491525.48
1+120	7436226.85	2491545.46
1+140	7436227.77	2491565.44
1+160	7436228.69	2491585.43
1+180	7436229.61	2491605.43
1+200	7436225.88	2491625.42
1+220	7436222.06	2491643.71
1+240	7436206.09	2491655.75
1+260	7436190.13	2491667.80
1+280	7436174.17	2491677.14
1+300	7436158.21	2491683.78
1+320	7436142.25	2491690.42
1+340	7436126.29	2491697.06
1+360	7436097.25	2491703.69
1+380	7436077.33	2491705.42
1+400	7436057.40	2491707.09
1+420	7436038.86	2491702.79
1+440	7436021.71	2491692.50
1+460	7436004.55	2491682.22
1+480	7435987.40	2491671.93
1+500	7435970.25	2491661.65
1+520	7435953.09	2491651.36
1+540	7435935.94	2491642.78
1+560	7435925.52	2491639.80

BASELINE ALIGNMENT			
STATION	NORTHING	EASTING	ELEVATION
2+000	7435856.54	2491720.75	
2+020	7435839.62	2491710.09	
2+040	7435822.69	2491699.43	
2+060	7435805.77	2491688.78	
2+080	7435788.84	2491678.12	
2+100	7435771.92	2491667.38	
2+120	7435755.13	2491656.59	
2+140	7435742.64	2491642.86	
2+160	7435738.90	2491623.22	
2+180	7435735.16	2491603.57	

ROAD CENTERLINE ALIGNMENT SECONDARY ACCESS ROAD				
STATION	NORTHING	EASTING	ELEVATION	
0+000	7436221.33	2491417.35	13.46	
0+020	7436201.33	2491417.44	15.24	
0+040	7436181.33	2491417.40	17.29	
0+060	7436161.33	2491417.36	19.12	
0+080	7436141.34	2491417.02	21.01	
0+100	7436121.34	2491416.68	22.72	
0+120	7436101.34	2491416.39	24.24	
0+140	7436081.35	2491415.96	25.80	
0+160	7436061.35	2491416.32	27.19	
0+180	7436041.47	2491418.34	28.50	
0+200	7436021.93	2491422.57	29.80	
0+220	7436002.45	2491427.09	31.18	
0+240	7435983.14	2491432.32	32.98	
0+260	7435963.92	2491437.82	34.00	
0+280	7435944.99	2491444.29	34.57	

GENERAL DRAWING NOTES

- ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE CITY OF FREDERICTON GENERAL SPECIFICATIONS FOR MUNICIPAL SERVICES.
- ELEVATIONS ARE GEODETIC AND COORDINATES ARE N.B. STEREOGRAPHIC NAD 83 CSRS.
- GROUT ABANDONED PIPE ENDS WITH BRICK AND CEMENTITIOUS MORTAR. MAKE WATERTIGHT.
- ALL FRAMES AND COVERS THAT ARE IDENTIFIED TO BE REMOVED FROM EXISTING STRUCTURES AND ARE IN RE-USEABLE CONDITION, ARE TO BE DELIVERED TO THE AAFC FACILITIES MANAGEMENT.
- VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND CONDUITS AND MUNICIPAL SERVICES AND PROVIDE ADEQUATE PROTECTION AND SUPPORT OF SAME WHEN EXCAVATING UNDER OR AROUND THESE LINES. LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE IN LOCATION. ALL SERVICES ARE TO BE TRACED AT THE CONTRACTOR'S EXPENSE PRIOR TO THE COMMENCEMENT OF WORK.
- CONTACT ENBRIDGE GAS NEW BRUNSWICK FOR GAS MAIN AND SERVICE LATERAL LOCATIONS PRIOR TO CONSTRUCTION AT 1-800-994-2762.
- ELEVATION, SECTION AND DETAIL IDENTIFICATION:
 - ELEVATION, SECTION OR DETAIL NUMBER
 - DRAWING ON WHICH ELEVATION, SECTION OR DETAIL IS LOCATED
- PROPERTY LINES SHOWN ARE APPROXIMATE. BUILDING OUTLINES AND SIDE STREETS ARE REFERENCED FROM AERIAL PHOTOGRAPHY AND ARE FOR INFORMATION ONLY.
- REINSTATEMENT OF ANY BROKEN OR DAMAGED SIDEWALK, CURBING OR SIGNAGE DUE TO CONSTRUCTION WORK SHALL BE AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE NOTED.
- LOCATION OF WATER AND SANITARY SEWER SERVICES ARE SHOWN AS APPROXIMATE. LOCATIONS OF SERVICES ARE TO BE CONFIRMED IN THE FIELD.
- DEPTH OF COVER ON ALL WATER AND SANITARY MAINS TO BE 1.8m MINIMUM UNLESS OTHERWISE NOTED. ADD INSULATION WHEN MINIMUM DEPTH IS NOT ACHIEVED.
- SANITARY AND STORM SERVICE LATERALS ARE TO BE INSTALLED WITH MINIMUM 1% GRADE.
- UNLESS NOTED OTHERWISE, ALL NEW SANITARY MAINS ARE TO BE PVC DR35. SERVICE LATERALS ARE TO BE 100 Ø PVC DR28, WHITE IN COLOR.
- ABANDONED STRUCTURES ARE TO HAVE THE TOP 1m SECTION REMOVED AND FILLED WITH NON SHRINK GROUT. ABANDONED PIPES 300Ø AND GREATER ARE TO BE FILLED WITH NON SHRINK GROUT. IT IS THE CONTRACTOR'S RESPONSIBILITY ALONG WITH THEIR CONCRETE SUPPLIER TO DEVISE A METHOD TO PROVIDE NON-SHRINK GROUT OR FILL CAPABLE OF FILLING ABANDONED LINES.
- REINSTATE ALL SHRUBS AND VEGETATION DAMAGED BY CONSTRUCTION ACTIVITIES. TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ROOTS AND LIMBS OF TREES THAT ARE NOT IDENTIFIED TO BE REMOVED. WORK SHALL BE AT THE CONTRACTOR'S OWN EXPENSE. UNLESS OTHERWISE NOTED, THIS INCLUDES REINSTATEMENT OF 100mm GROWING MEDIA AND HYDROSEED.
- TOP COVER ELEVATIONS ARE APPROXIMATE. FINISH ELEVATIONS ARE TO BE FINE TUNED IN THE FIELD. SAMH COVERS LOCATED IN THE SHOULDER ALONG LINCOLN ROAD AND SECONDARY ACCESS ROAD ARE TO BE ASPHALT PAVING AROUND THEM SIMILAR TO WHAT IS SHOWN IN THE CITY OF FREDERICTON SPECIFICATIONS.
- CONTRACTOR TO CONTROL RUNOFF AND EROSION AS REQUIRED OR AS DIRECTED.
- WHEN ENCOUNTERED, CONNECTION TO EXISTING SERVICES ARE TO BE MADE WITH SUITABLE ADAPTER COUPLINGS UNLESS NOTED OTHERWISE OR DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.
- ONLY CITY OF FREDERICTON FORCES ARE PERMITTED TO OPERATE GATE VALVES AND HYDRANTS. CONTACT CITY OF FREDERICTON 48 HOURS IN ADVANCE TO REQUEST MANIPULATION OF GATE VALVES.
- CONTRACTOR TO MAINTAIN SANITARY IN SERVICE AT ALL TIMES. AVERAGE SANITARY FLOWS ARE ESTIMATED AT Q_{ave} = 0.48 L/sec WITH POSSIBLE Q_{max} = 0.92 L/sec. PROVIDE AND MAINTAIN CONTINUOUS BY-PASS PIPING AND/OR PUMPING AS REQUIRED.
- CONTRACTOR TO CONTACT NB POWER TO CONFIRM MINIMUM CLEARANCE REQUIREMENTS WHEN WORKING NEAR TRANSMISSION LINES AND UTILITY POLES.
- CITY OF FREDERICTON REQUIRES LINCOLN ROAD TO BE OPEN TO TWO LANES OF TRAFFIC 7AM-9AM AND 4PM-6PM MONDAY TO FRIDAY. TRAFFIC MAY BE REDUCED TO ONE LANE AT OTHER TIMES. ROAD OCCUPANCY PERMIT IS REQUIRED BY THE CITY OF FREDERICTON AS WELL AS 72 HOURS ADVANCED NOTIFICATION.

THESE DRAWINGS ARE NOT TO BE USED FOR LOCATE PURPOSES. CONTACT PROPER UTILITY COMPANIES AND CITY OF FREDERICTON PUBLIC WORKS FOR LOCATES PRIOR TO ANY CONSTRUCTION WORK.

NEW SANITARY STRUCTURE TABLE						
STRUCTURE NAME	SIZE (Ø)	TOP FRAME & COVER / GRATE	INV. IN (FROM)	INV. OUT (TO)	NORTHING	EASTING
SAMH-1	1200	14.05	11.90 (SAMH-7) 11.90 (SAMH-2)	11.82 (EXISTING)	7436221.33	2491425.63
SAMH-2	1200	21.89	19.70 (SAMH-3)	19.20 (SAMH-1)	7436131.42	2491417.37
SAMH-3	1200	28.75	26.60 (SAMH-4) 26.57 (BLDG 22)	26.10 (SAMH-2)	7436036.60	2491419.19
SAMH-4	1200	34.00	29.60 (SAMH-5)	29.55 (SAMH-3)	7435983.64	2491438.30
SAMH-7	1200	20.80	18.72 (SAMH-8)	18.67 (SAMH-1)	7436227.50	2491559.62
SAMH-8	1200	22.36	19.67 (SAMH-9)	19.62 (SAMH-7)	7436225.49	2491641.12
SAMH-9	1200	24.46	21.67 (SAMH-10)	21.62 (SAMH-8)	7436182.13	2491673.83
SAMH-10	1200	27.33	24.46 (SAMH-11)	24.41 (SAMH-9)	7436097.02	2491703.77
SAMH-11	1200	27.44	25.38 (SAMH-12) 25.55 (BLDG 1)	25.33 (SAMH-10)	7436047.44	2491707.93
SAMH-12	1200	28.81	26.50 (SAMH-13)	26.45 (SAMH-11)	7435985.98	2491677.07
SAMH-13	1200	31.73	29.47 (BLDG 1)	29.42 (SAMH-12)	7435937.01	2491641.72
SAMH-14	1200	34.94	31.85 (SAMH-16)	31.90 (SAMH-16)	7435782.06	2491673.83
SAMH-15	1200	35.00	32.40 (BLDG 8)	32.35 (SAMH-15)	7435743.88	2491649.38

ROAD CENTERLINE ALIGNMENT PRIMARY ACCESS ROAD			
STATION	NORTHING	EASTING	ELEVATION
1+400	7436056.01	2491713.08	27.27
1+420	7436038.86	2491702.79	27.50
1+440	7436021.71	2491692.50	27.89
1+460	7436004.55	2491682.22	28.08
1+480	7435987.40	2491671.93	28.90
1+500	7435970.25	2491661.65	29.86
1+520	7435953.09	2491651.36	30.82
1+540	7435935.94	2491641.08	31.86

ROAD CENTERLINE ALIGNMENT DRIVEWAY			
STATION	NORTHING	EASTING	ELEVATION
2+000	7435845.10	2491728.66	33.30
2+020	7435840.56	2491708.18	33.40
2+040	7435823.40	2491697.92	33.64
2+060	7435806.23	2491687.66	34.10
2+080	7435789.12	2491677.30	34.82
2+100	7435772.10	2491666.81	35.20
2+120	7435755.16	2491656.44	35.17

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

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• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
 • INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY

PROFESSIONAL PROJECT
 #M4199
 B.C. Allard
 2015/04/21
 Ingénieur en Géométrie
 RÉGULIÈREMENT MATRICULÉ

revisions	date
project	project
PRC SANITARY SEWER UPGRADES FREDERICTON POTATO RESEARCH CENTRE YORK CO., NB	
drawing	dessin
OVERALL SITE PLAN	
designed	TWA conçu
date	
drawn	KW/TWA dessiné
date	
approved	approuvé
date	
sender	Submission
PWSC Project Manager	Administrateur de projets TPSCC
project number	no. du projet
R.058866.001	
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C1	

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