



Public Works
Government Services
Canada

Architectural and
Engineering Services

Ontario Region

Travaux publics
Services gouvernementaux
Canada

Services d’architecture
et de génie

Région de l’Ontario

LEAMINGTON, ONTARIO.
POINT PELEE NATIONAL PARK

ISSUED FOR TENDER

AUGUST 22, 2019

PC MAIN ROAD RECAPITALIZATION
PWGSC Proj. No.: R.077178.001

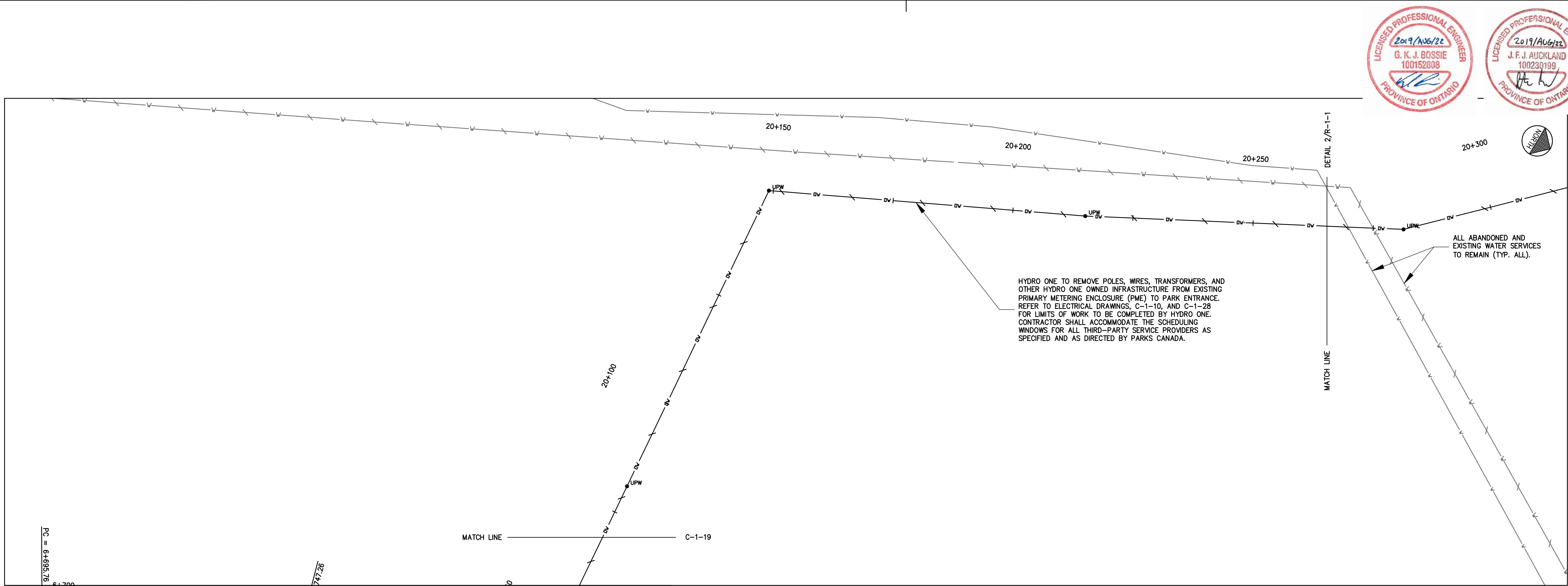
Canada

LIST OF DRAWINGS

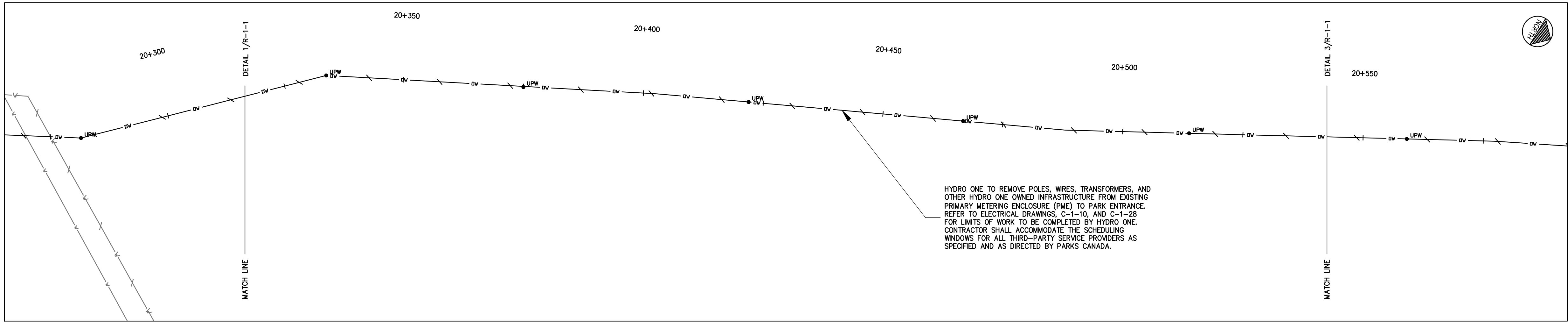
SITE	
R-1-1	POINT PELEE DRIVE HYDRO ONE REMOVALS--SHEET 1 OF 2
R-1-2	POINT PELEE DRIVE HYDRO ONE REMOVALS--SHEET 2 OF 2
C-1-1	POINT PELEE DRIVE PLAN & PROFILE 0+000 TO 0+275
C-1-2	POINT PELEE DRIVE PLAN & PROFILE 1+925 TO 2+200
C-1-3	POINT PELEE DRIVE PLAN & PROFILE 2+200 TO 2+475
C-1-4	POINT PELEE DRIVE PLAN & PROFILE 2+475 TO 2+750
C-1-5	POINT PELEE DRIVE PLAN & PROFILE 2+750 TO 3+025
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C-1-8	POINT PELEE DRIVE PLAN & PROFILE 3+575 TO 3+850
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C-1-16	POINT PELEE DRIVE PLAN & PROFILE 5+775 TO 6+050
C-1-17	POINT PELEE DRIVE PLAN & PROFILE 6+050 TO 6+325
C-1-18	POINT PELEE DRIVE PLAN & PROFILE 6+325 TO 6+600
C-1-19	POINT PELEE DRIVE PLAN & PROFILE 6+600 TO 6+875
C-1-20	POINT PELEE DRIVE PLAN & PROFILE 6+875 TO 7+150
C-1-21	POINT PELEE DRIVE PLAN & PROFILE 7+150 TO 7+425
C-1-22	POINT PELEE DRIVE PLAN & PROFILE 7+425 TO 7+700
C-1-23	POINT PELEE DRIVE PLAN & PROFILE 7+700 TO 7+975
C-1-24	POINT PELEE DRIVE PLAN & PROFILE 7+975 TO 8+250
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D-1-2	POINT PELEE DRIVE CIVIL DETAILS--SHEET 2 OF 2
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X-1-3	POINT PELEE DRIVE CROSS--SECTION SHEET 3 OF 3

ELECTRICAL	
E-1-1	POINT PELEE NATIONAL PARK SITE SINGLE LINE DIAGRAM
E-1-2	POINT PELEE NATIONAL PARK BUILDING SINGLE LINE DIAGRAMS
E-1-3	POINT PELEE NATIONAL PARK BUILDING SINGLE LINE DIAGRAMS
E-1-4	POINT PELEE NATIONAL PARK DETAILS

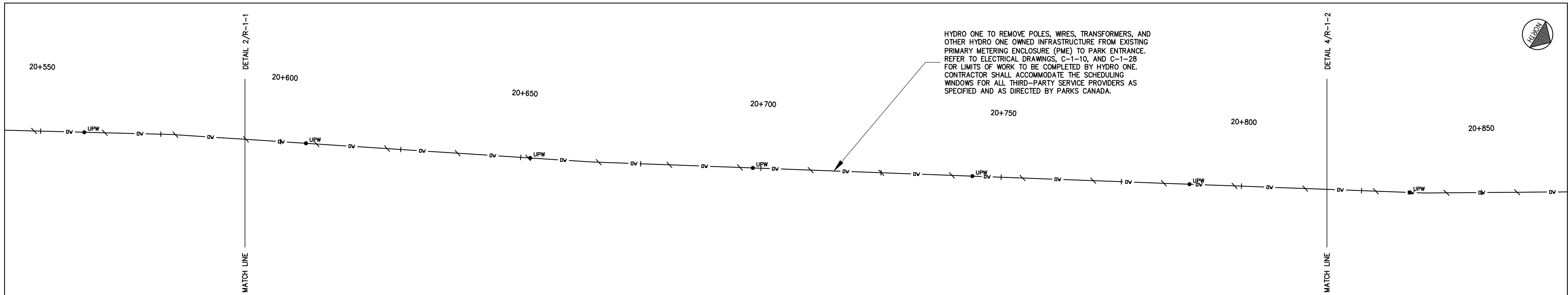
wsp
582 LANCASTER STREET WEST
KITCHENER, ONTARIO
CANADA N2K 1M3
PHONE: 519-743-8777 FAX: 519-743-8778
WWW.WSP.COM



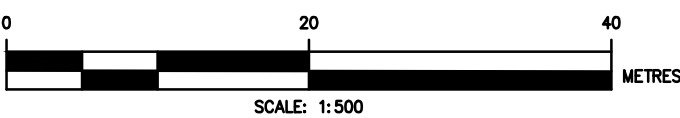
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SCALE: 1:500 R-1-1



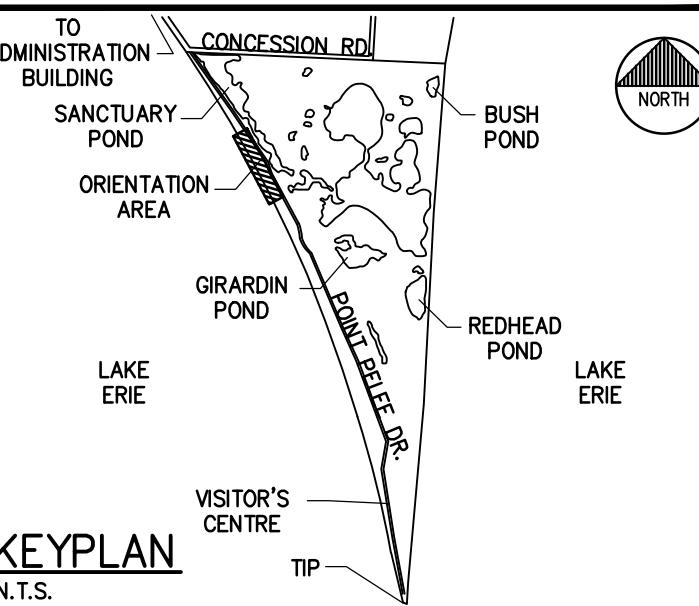
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SCALE: 1:500 R-1-1



HYDRO REMOVAL ALONG NORTHWEST BEACH 3
SCALE: 1:500 R-1-1



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LEGEND	
DV	OVERHEAD WIRE TO BE REMOVED
GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
ABANDONED WATERMAIN	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
H	NEW HYDRO HANDHOLE
BC	NEW DIRECT BURIED HYDRO
BC	NEW UNDERGROUND BELL CONDUIT
BC	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
ROAD REHABILITATION - MILLING	ROAD REHABILITATION - MILLING
ROAD RECONSTRUCTION - FULL	ROAD RECONSTRUCTION - FULL
REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2	

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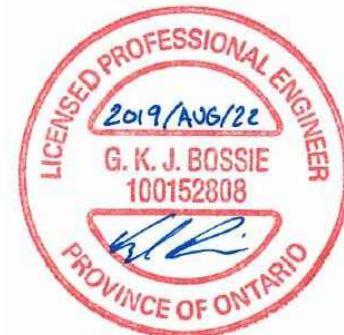
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C	drawing no. - where detailed dessin no. - où détaillé

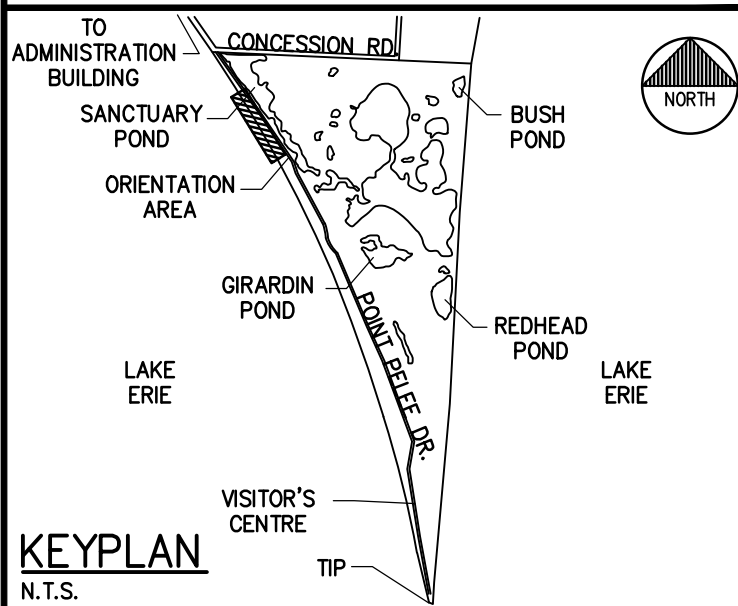
project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
AIP2 PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
HYDRO REMOVAL ALONG
NORTHWEST BEACH

drawn by dessiné par	J.AUCKLAND
designed by conc par	J.AUCKLAND
approved by approuvé par	K.BOSSIE
bid soumission	D.BANNON
project manager administrateur de projets	
project date date du projet	2019-08-22
project no. no. du projet	R.077178.001
drawing no. dessiné no.	R-1-1

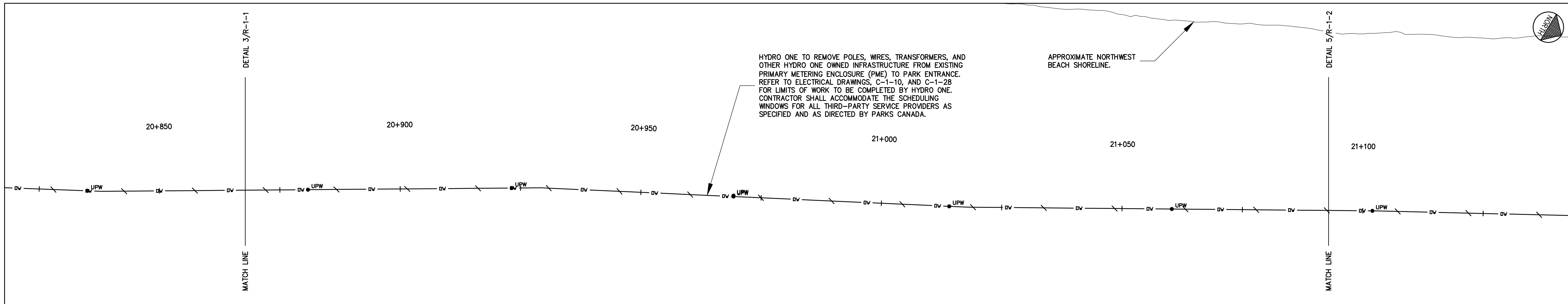


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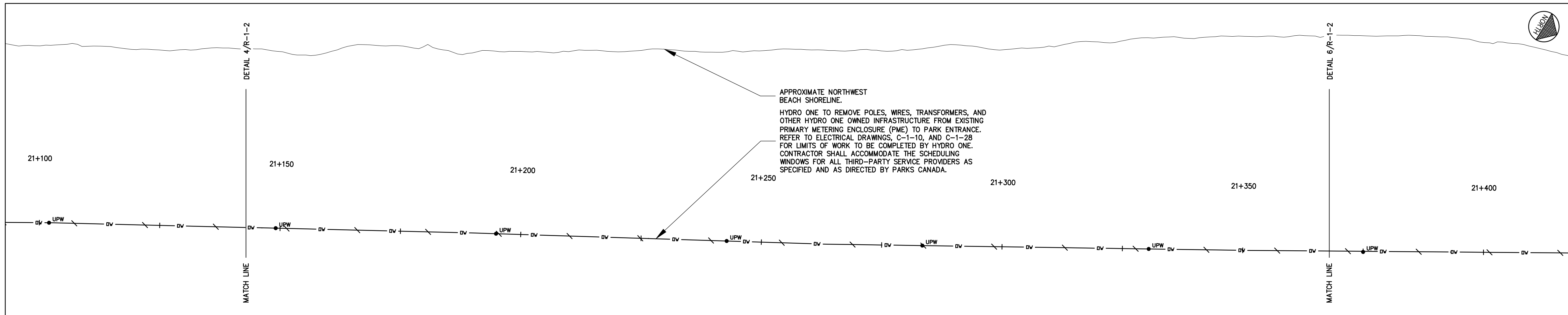


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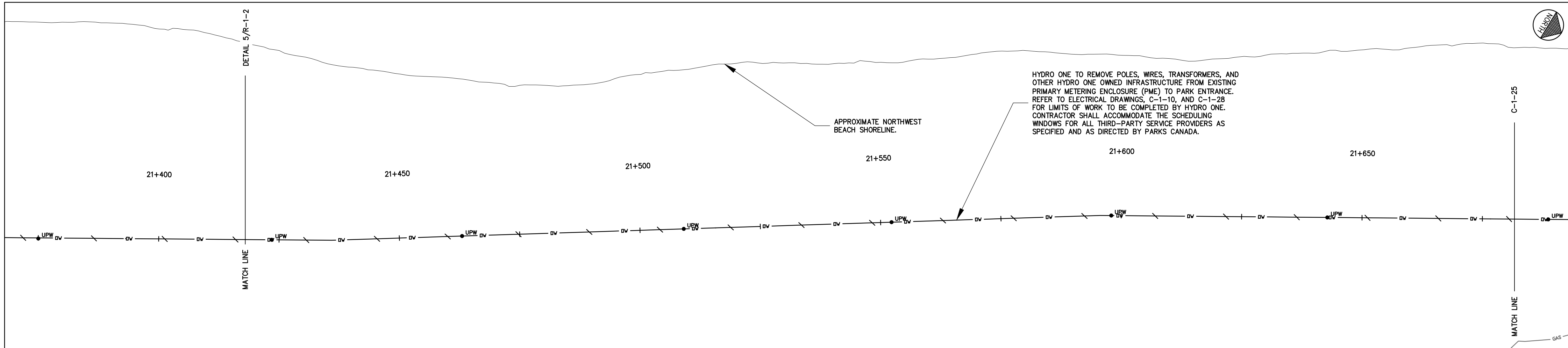
- OVERHEAD WIRE TO BE REMOVED
 - HYDRO FIXTURES TO BE REMOVED
 - EXISTING UNDERGROUND HYDRO
 - EXISTING UNDERGROUND BELL
 - EXISTING BELL PEDESTAL
 - EXISTING 50mm GAS SERVICE
 - EXISTING WATERMAIN
 - ABANDONED WATERMAIN
 - EXISTING HYDRANT
 - EXISTING WATER VALVE
 - EXISTING IRON BAR
 - EXISTING SIGN
 - EXISTING BUILDING OUTLINE
 - EXISTING CATCHBASIN
 - NEW BOLLARDS
 - NEW SECTIONALIZER
 - NEW TRANSFORMER
 - NEW BELL F.O. HANDWELL
 - NEW BELL PEDESTAL
 - NEW HYDRO HANDHOLE
 - NEW DIRECT BURIED HYDRO
 - NEW UNDERGROUND BELL CONDUIT
 - NEW DIRECT BURIED BELL
 - BOREHOLE LOCATION
 - ROAD REHABILITATION - MILLING
 - ROAD RECONSTRUCTION - FULL
- REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2



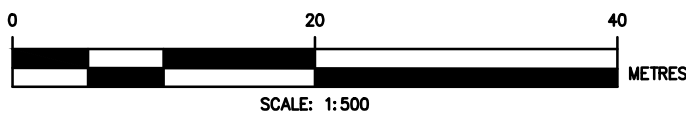
HYDRO REMOVAL ALONG NORTHWEST BEACH 4
SCALE: 1:500 R-1-2



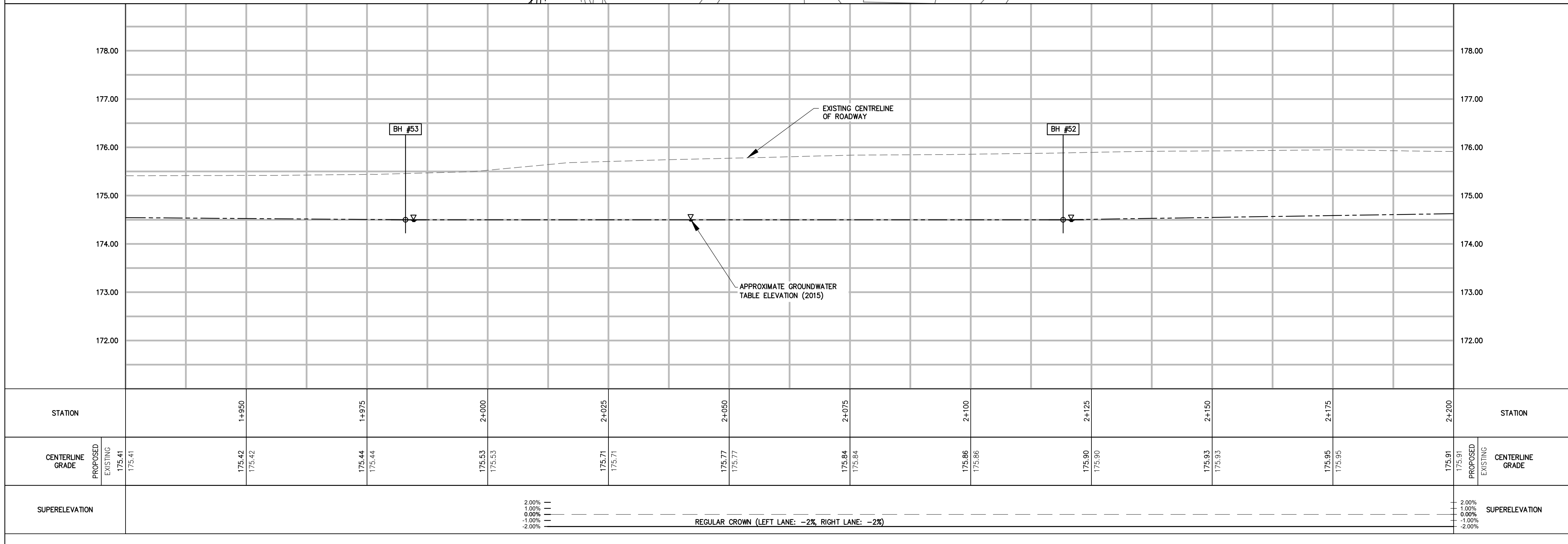
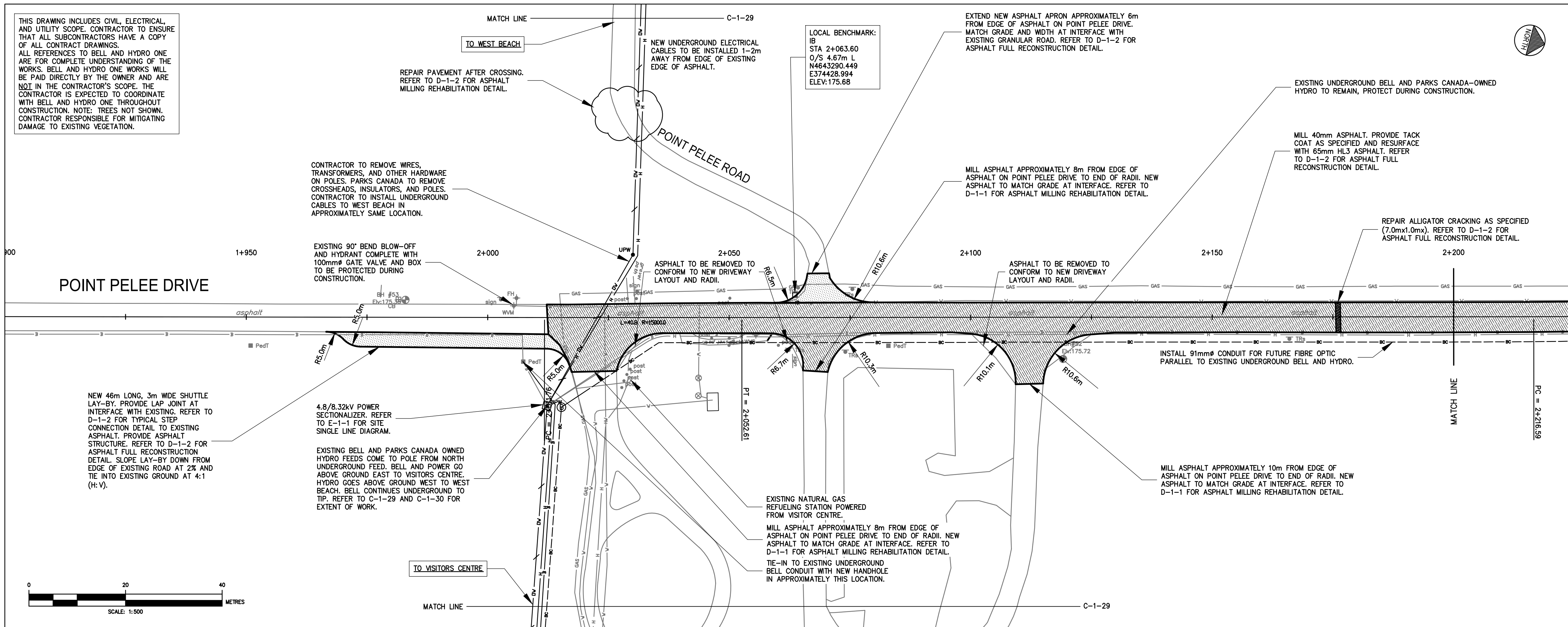
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SCALE: 1:500 R-1-2



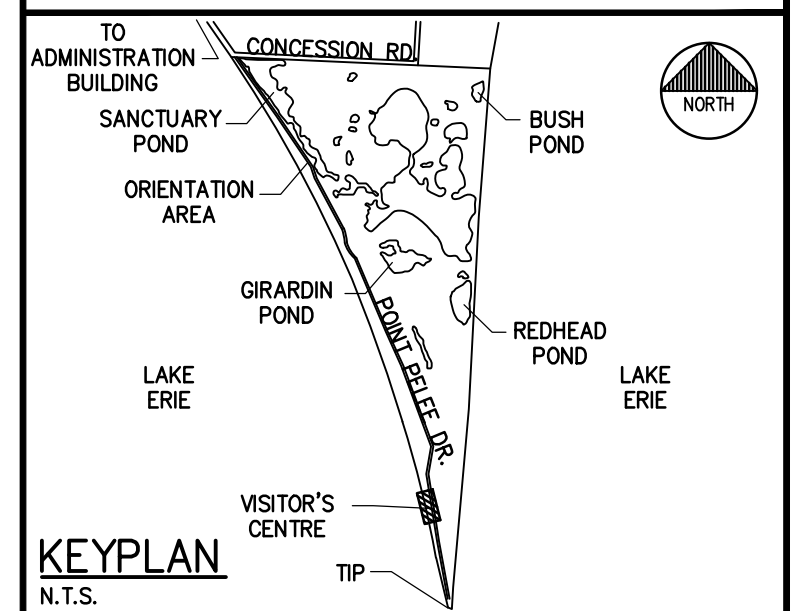
HYDRO REMOVAL ALONG NORTHWEST BEACH 6
SCALE: 1:500 R-1-2



THIS DRAWING INCLUDES CIVIL, ELECTRICAL, AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.



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LEGEND

OVERHEAD WIRE TO BE REMOVED	DV
HYDRO FIXTURES TO BE REMOVED	GP
EXISTING UNDERGROUND HYDRO	UPW
EXISTING UNDERGROUND BELL	H
EXISTING BELL PEDESTAL	PEDT
EXISTING 50mm GAS SERVICE	GAS
EXISTING WATERMAIN	W
ABANDONED WATERMAIN	W
EXISTING HYDRANT	FH
EXISTING WATER VALVE	IB
EXISTING IRON BAR	TR
EXISTING SIGN	TR
EXISTING BUILDING OUTLINE	CB
EXISTING CATCHBASIN	CB
NEW BOLLARDS	O
NEW SECTIONALIZER	▲
NEW TRANSFORMER	⊕
NEW BELL F.O. HANDWELL	⊕
NEW BELL PEDESTAL	⊕
NEW HYDRO HANDHOLE	⊕
NEW DIRECT BURIED HYDRO	H
NEW UNDERGROUND BELL CONDUIT	BC
NEW DIRECT BURIED BELL	BC
BOREHOLE LOCATION	BH
ROAD REHABILITATION - MILLING	▨
ROAD RECONSTRUCTION - FULL	▩

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 1+925 TO STA. 2+200

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

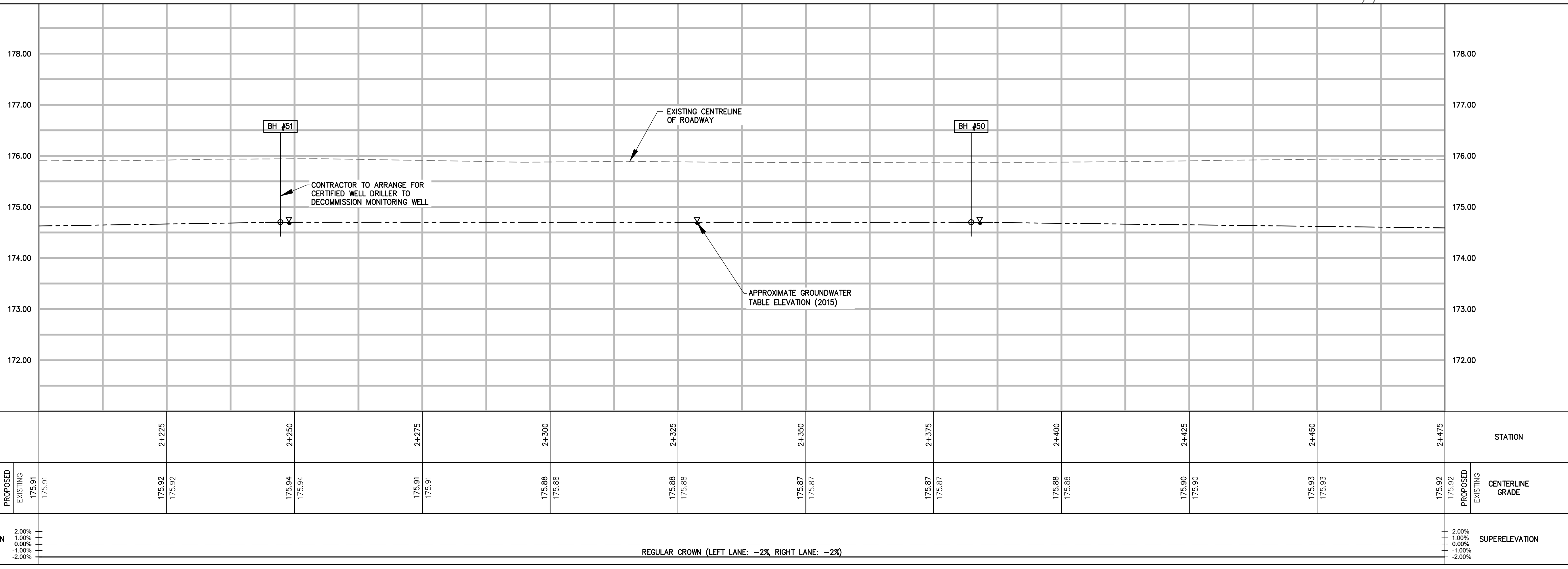
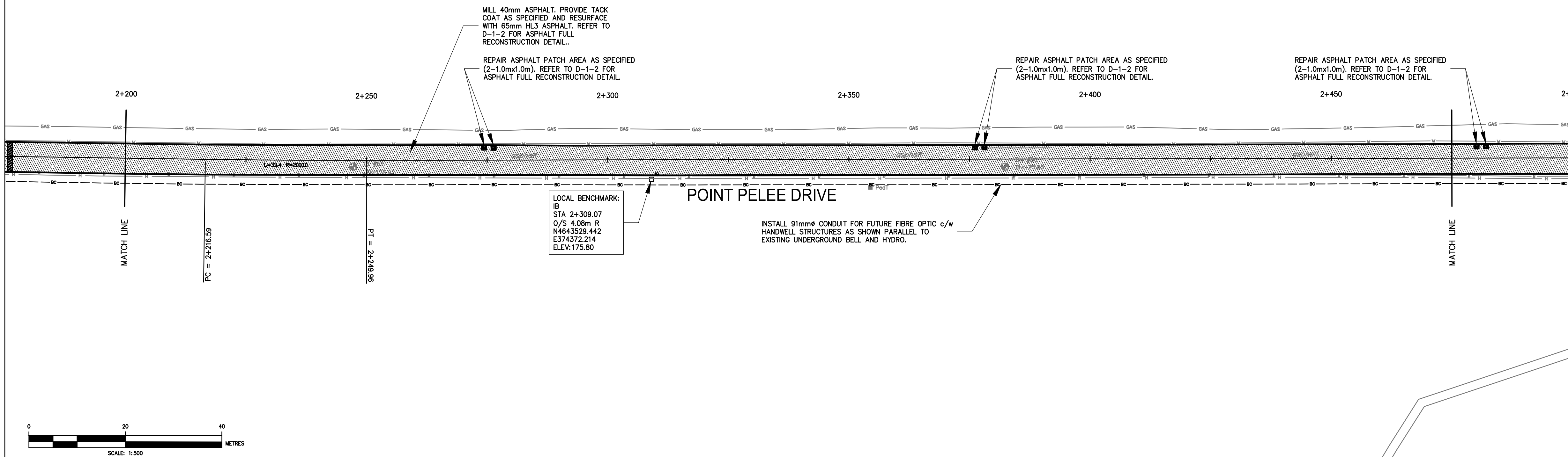
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-2

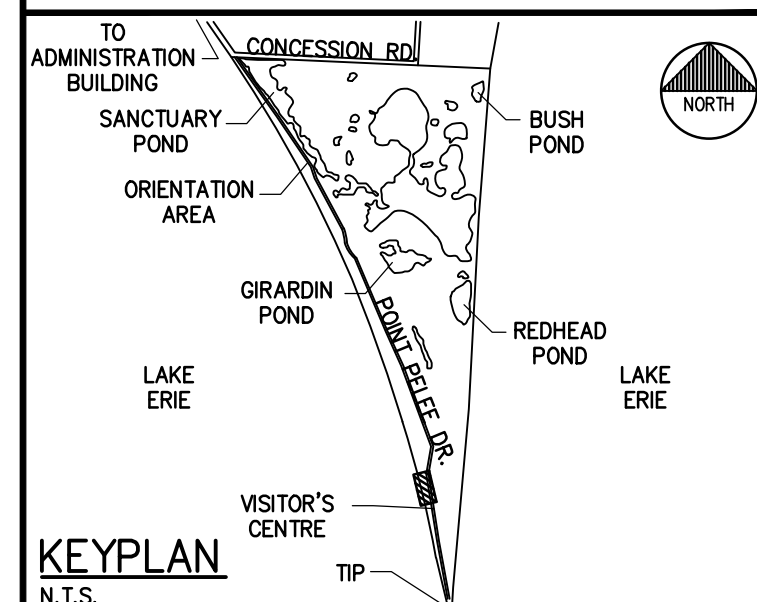


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DV	OVERHEAD WIRE TO BE REMOVED
GW • GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
PEDT	EXISTING UNDERGROUND BELL
GAS	EXISTING BELL PEDESTAL
V	EXISTING 50mmØ GAS SERVICE
W	EXISTING WATERMAIN
ABANDONED WATERMAIN	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
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BH	BOREHOLE LOCATION
ROAD REHABILITATION - MILLING	ROAD REHABILITATION - MILLING
ROAD RECONSTRUCTION - FULL	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 2+200 TO STA. 2+475

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

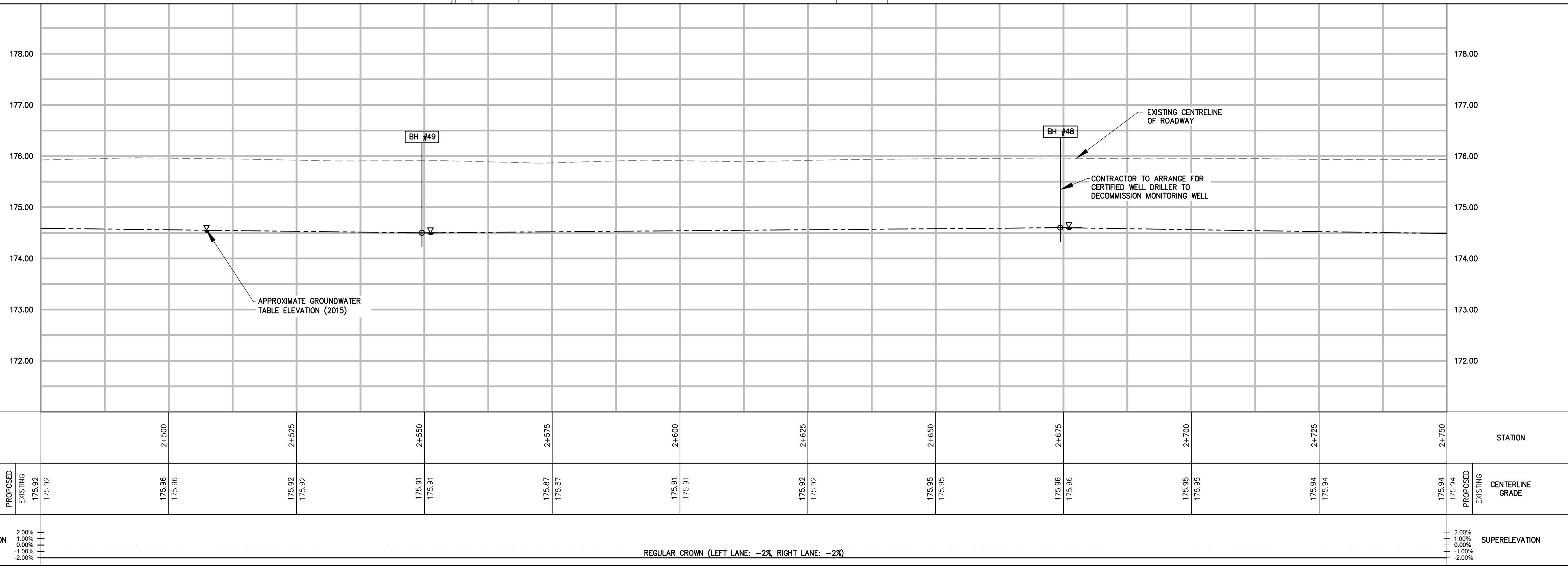
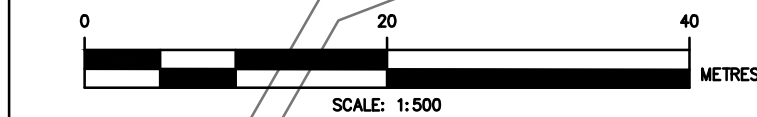
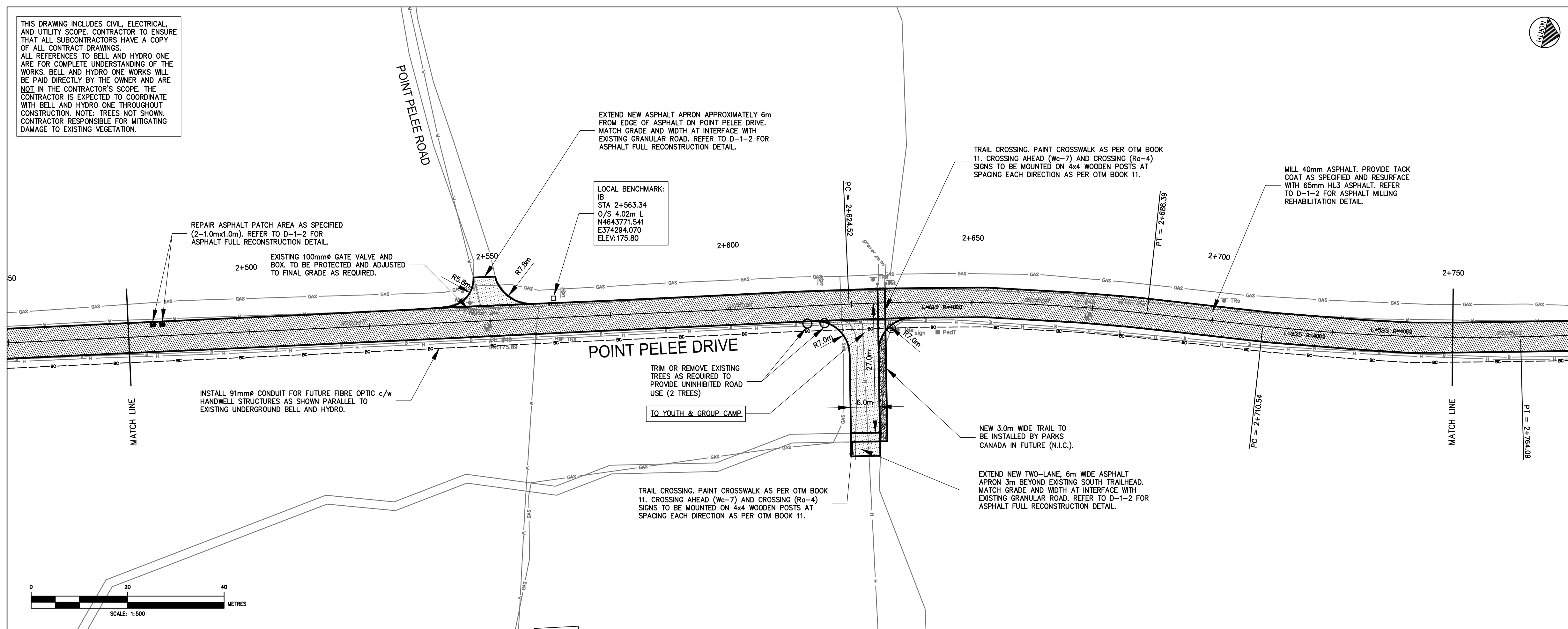
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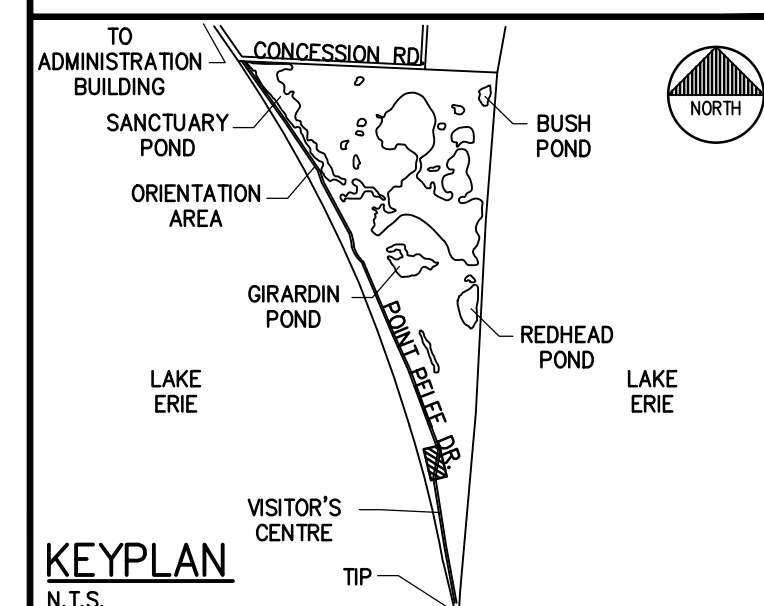
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dessiné no.
C-1-3



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CB	EXISTING HYDRANT
W	EXISTING WATER VALVE
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CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
W	NEW SECTIONALIZER
W	NEW TRANSFORMER
W	NEW BELL F.O. HANDWELL
PEDEST	NEW BELL PEDESTAL
H	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
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W	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
W	ROAD REHABILITATION - MILLING
W	ROAD RECONSTRUCTION - FULL

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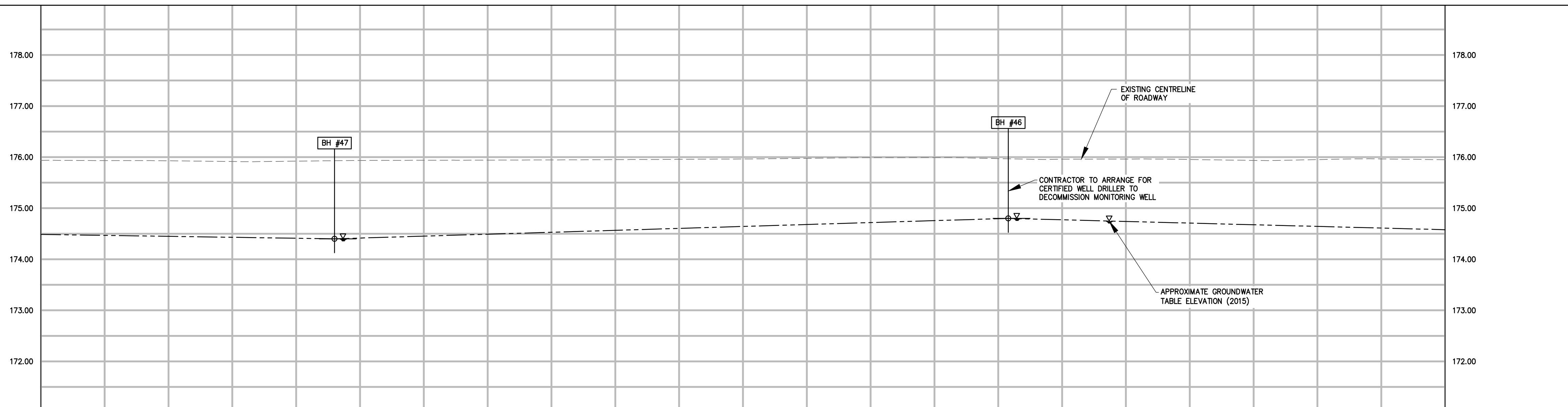
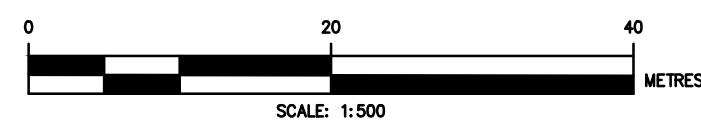
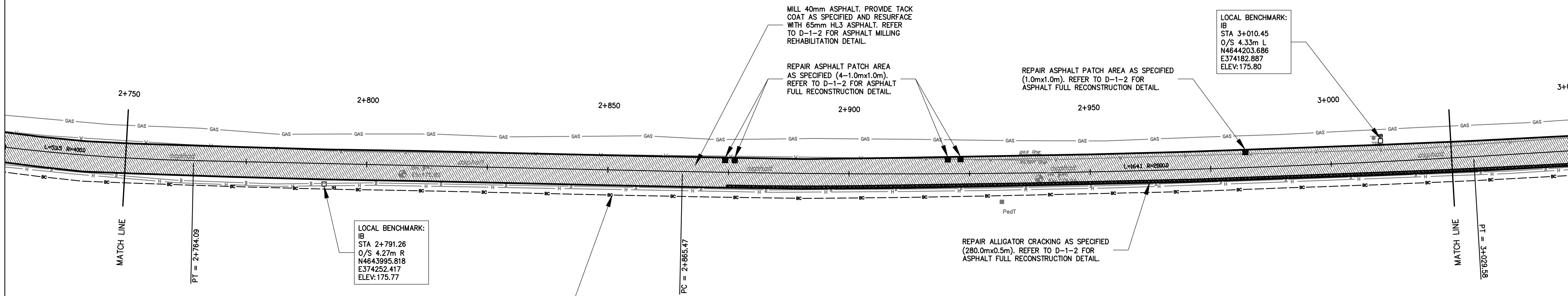
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project no.
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drawing no.
dessiné no.
C-1-4



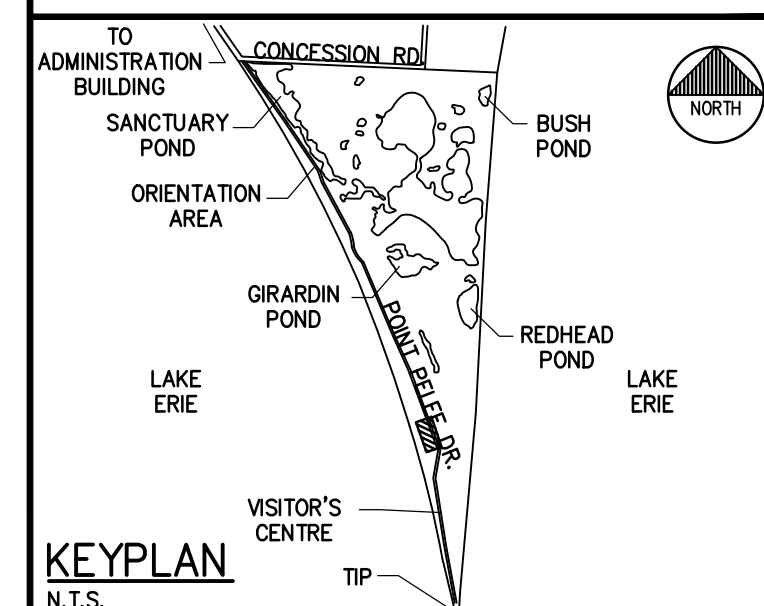
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STATION			2+775	2+800	2+825	2+850	2+875	2+900	2+925	2+950	2+975	3+000	3+025	STATION		
CENTERLINE GRADE	PROPOSED	EXISTING	175.93	175.92	175.94	175.95	175.96	175.98	175.99	175.96	175.95	175.95	175.95	PROPOSED	EXISTING	CENTERLINE GRADE
	175.94	175.93														
SUPERELEVATION	2.00%	1.00%												2.00%	1.00%	SUPERELEVATION
	0.00%	0.00%												0.00%	0.00%	
	-1.00%	-1.00%												-1.00%	-1.00%	
	-2.00%	-2.00%												-2.00%	-2.00%	
	REGULAR CROWN (LEFT LANE: -2%, RIGHT LANE: -2%)															



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BC	NEW DIRECT BURIED BELL
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▨	ROAD REHABILITATION - MILLING
▩	ROAD RECONSTRUCTION - FULL

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1	ISSUED FOR TENDER	AUG 2019
revision	description	date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the departmental representative of all discrepancies.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 2+750 TO STA. 3+025

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project manager
administrateur
de projets

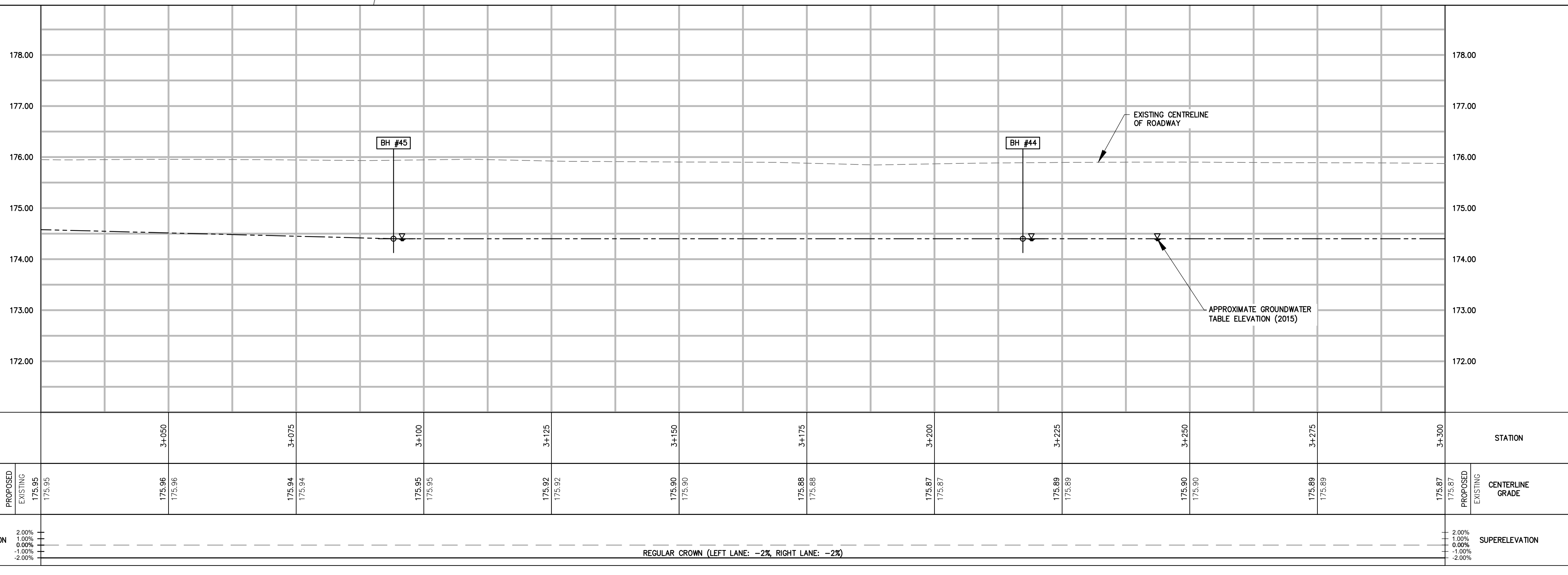
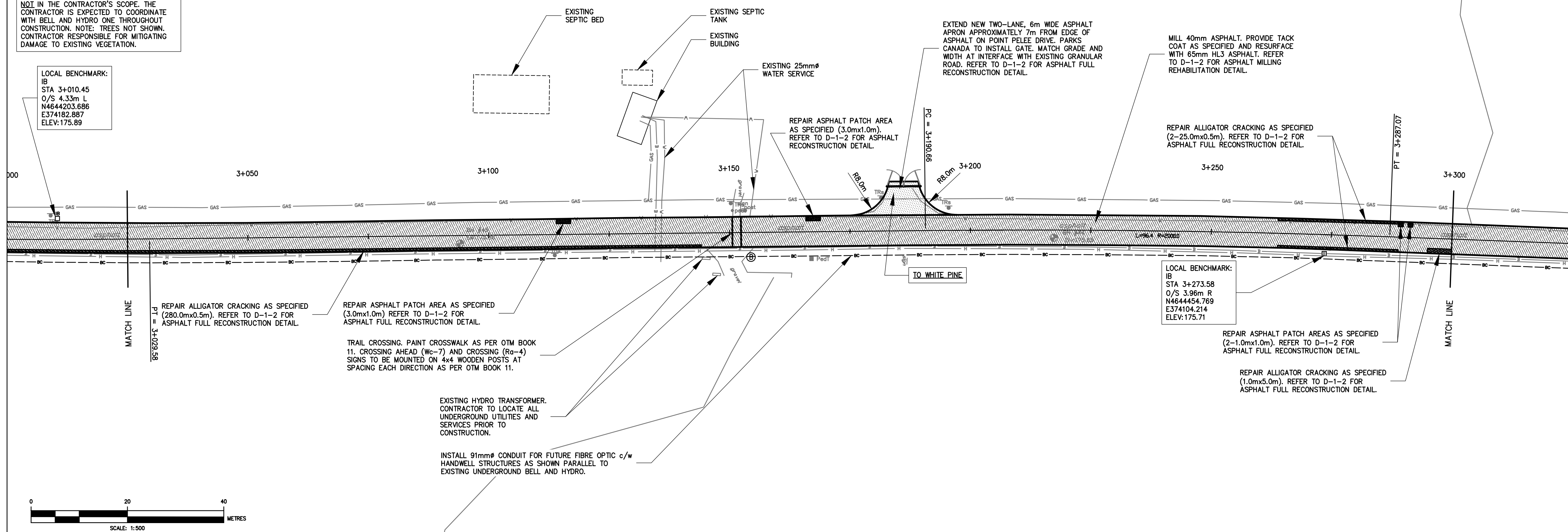
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-5

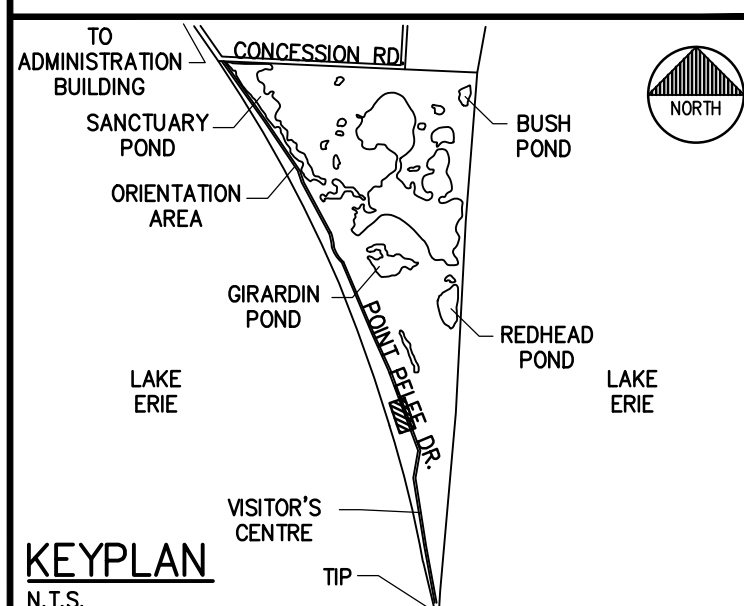
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LOCAL BENCHMARK:
IB STA 3+010.45
O/S 4.33m L
N4644203.686
E374182.667
ELEV:175.89



Public Works and Government Services Canada
Architectural and Engineering Services
Ontario Region

Travaux publics et Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



LEGEND

DV	OVERHEAD WIRE TO BE REMOVED
GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
BC	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
AB	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
WV	EXISTING WATER VALVE
IB	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
SA	NEW SECTIONALIZER
TR	NEW TRANSFORMER
WV	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
WV	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
BC	NEW UNDERGROUND BELL CONDUIT
WV	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
RR	ROAD REHABILITATION - MILLING
RR	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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C	drawing no. - where detailed dessin no. - où détaillé

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PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 3+025 TO STA. 3+300

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

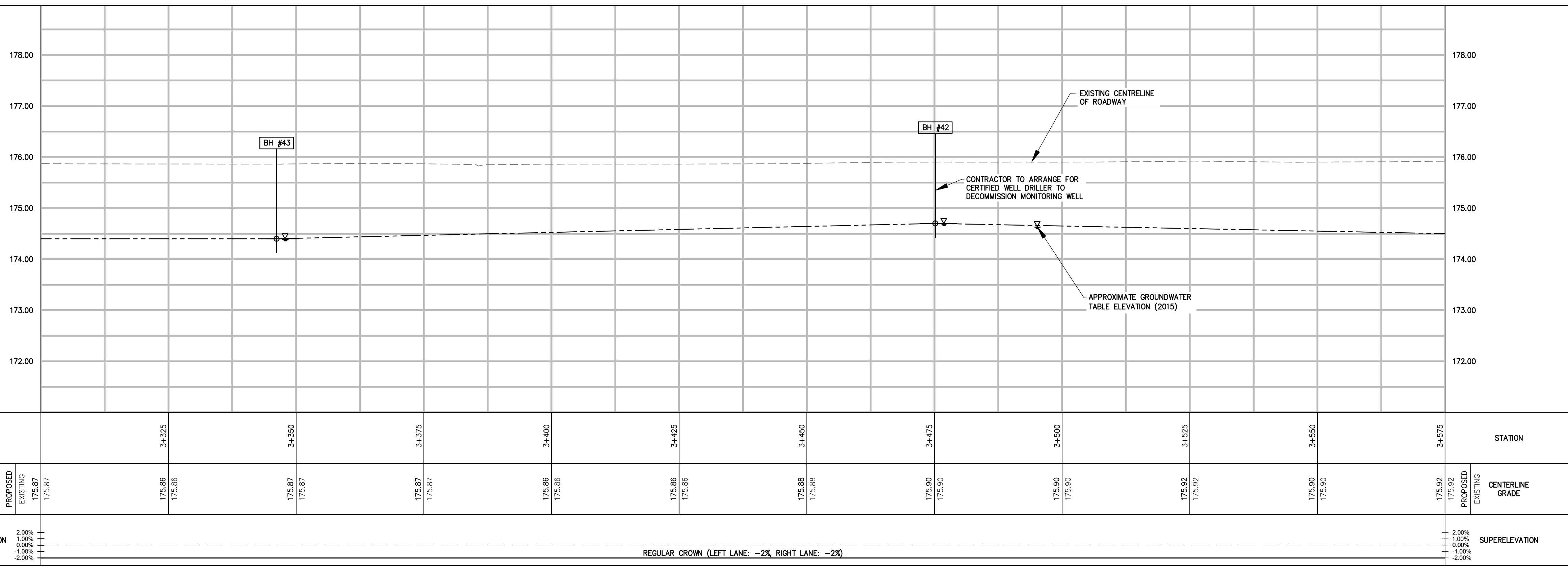
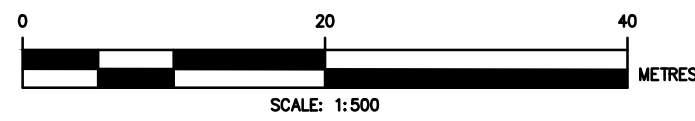
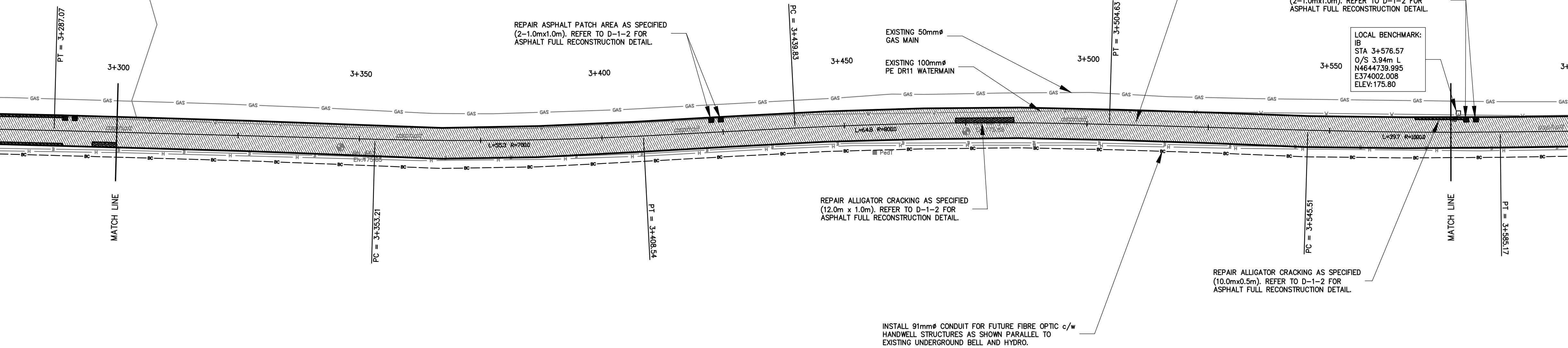
bid
soumission
D.BANNON

project date
date du projet
2019-08-22

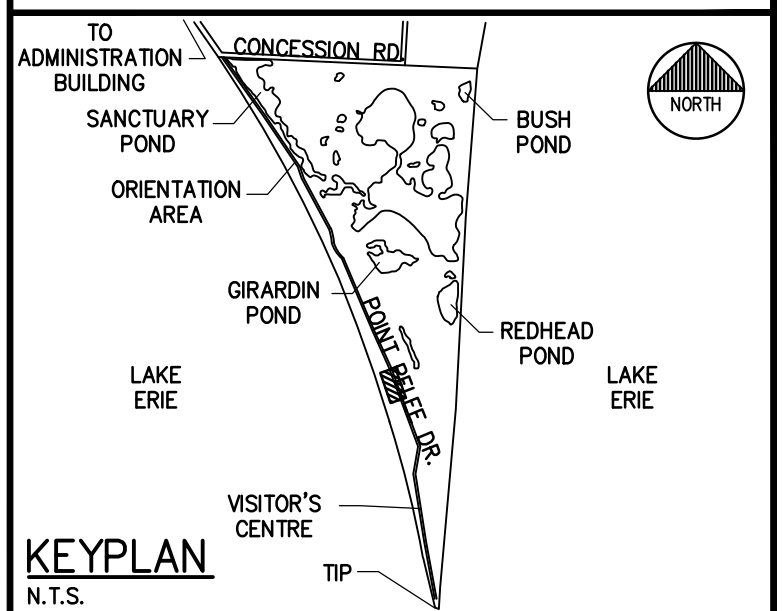
project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-6

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Government Services Canada
Architectural and Engineering Services
Ontario Region
Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



LEGEND		
DV	OVERHEAD WIRE TO BE REMOVED	
GW • GP • UPW •	HYDRO FIXTURES TO BE REMOVED	
H	EXISTING UNDERGROUND HYDRO	
BC	EXISTING UNDERGROUND BELL	
PEDT	EXISTING BELL PEDESTAL	
GAS	EXISTING 50mm GAS SERVICE	
W	EXISTING WATERMAIN	
W	ABANDONED WATERMAIN	
FH	EXISTING HYDRANT	
W	EXISTING WATER VALVE	
W	EXISTING IRON BAR	
W	EXISTING SIGN	
W	EXISTING BUILDING OUTLINE	
CB	EXISTING CATCHBASIN	
O	NEW BOLLARDS	
W	NEW SECTIONALIZER	
W	NEW TRANSFORMER	
W	NEW BELL F.O. HANDWELL	
PEDT	NEW BELL PEDESTAL	
H	NEW HYDRO HANDHOLE	
H	NEW DIRECT BURIED HYDRO	
BC	NEW UNDERGROUND BELL CONDUIT	
BC	NEW DIRECT BURIED BELL	
BH	BOREHOLE LOCATION	
W	ROAD REHABILITATION - MILLING	
W	ROAD RECONSTRUCTION - FULL	
REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2		

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C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 3+300 TO STA. 3+575

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

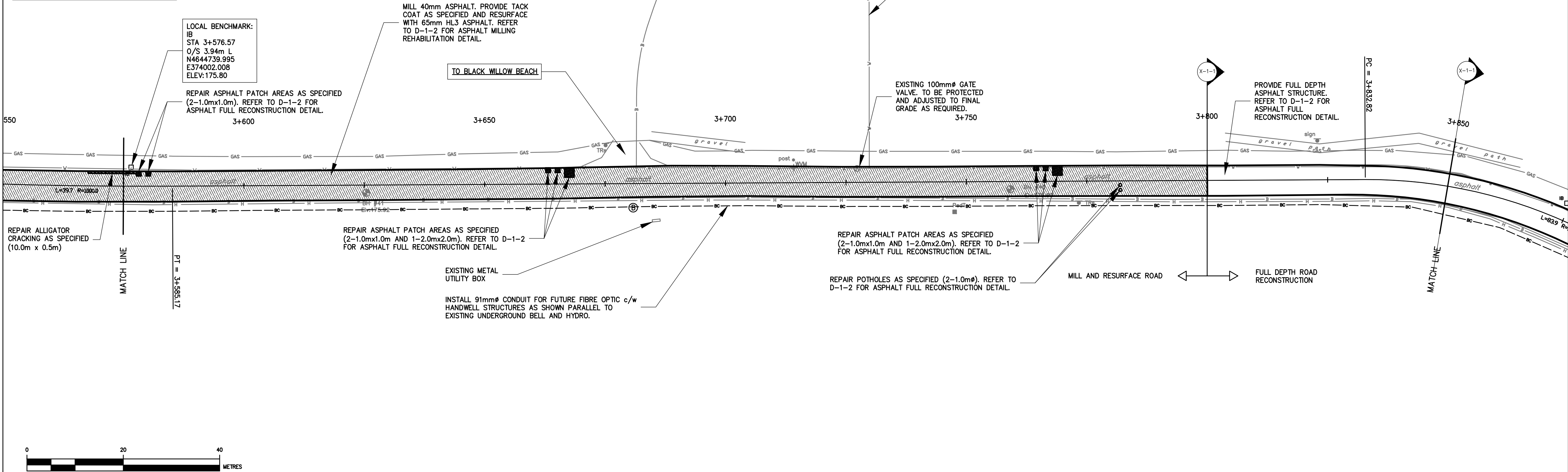
bid
soumission
D.BANNON

project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-7

THIS DRAWING INCLUDES CIVIL, ELECTRICAL AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.



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LOCAL BENCHMARK:
IB STA 3+874.34
O/S 3.65m L
N4645024.793
E373913.736
ELEV: 176.37

EXTEND NEW TWO-LANE, 6m WIDE ASPHALT APRON APPROXIMATELY 7m FROM EDGE OF ASPHALT ON POINT PEELE DRIVE. PARKS CANADA TO INSTALL GATE, MATCH GRADE AND WIDTH AT INTERFACE WITH EXISTING GRANULAR ROAD. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL.

TRAIL CROSSING. PAINT CROSSWALK AS PER OTM BOOK 11. CROSSING AHEAD (Wc-7) AND CROSSING (Ra-4) SIGNS TO BE MOUNTED ON 4x4 WOODEN POSTS AT SPACING EACH DIRECTION AS PER OTM BOOK 11.

UNDERGROUND DUCT BANK FOR 4.8/8.32kV POWER FROM PIONEER BUILDING TRANSFORMER TO DESLAURIER BARN/HOUSE TRANSFORMER AND 91mm ϕ CONDUIT FOR FUTURE FIBRE OPTIC. REFER TO E-1-3 FOR DUCT BANK DETAIL.

EXISTING 50mm ϕ GAS MAIN CROSSES ROAD IN APPROXIMATELY THIS LOCATION

PROVIDE FULL DEPTH ASPHALT STRUCTURE. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL.

EXISTING ABANDONED WATERMAIN TO REMAIN (TYP. ALL).

EXISTING 25mm ϕ PE WATER SERVICE

EXTEND NEW TWO-LANE, 6m WIDE ASPHALT APRON APPROXIMATELY 7m FROM EDGE OF ASPHALT ON POINT PEELE DRIVE. PARKS CANADA TO INSTALL GATE, MATCH GRADE AND WIDTH AT INTERFACE WITH EXISTING GRANULAR ROAD. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL.

PAD-MOUNTED TRANSFORMER 4.8/8.32kV/240/120V-1 PHASE FOR PIONEER

CONTRACTOR TO REMOVE WIRES, TRANSFORMERS, AND OTHER HARDWARE ON POLES SOUTH OF EXISTING P.M.E. PARKS CANADA TO REMOVE CROSSHEADS, INSULATORS, POLES, AND GUY POLES.

UNDERGROUND DUCT BANK FOR ONLY 4.8/8.32kV POWER FROM PIONEER BUILDING TRANSFORMER TO DESLAURIER BARN/HOUSE TRANSFORMER. REFER TO E-1-3 FOR DUCT BANK DETAIL.

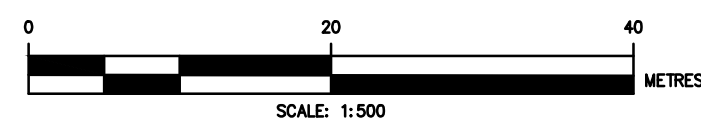
EXISTING TRANSITION POINT BETWEEN ABOVE GROUND AND BELOW GROUND POWER

PAD-MOUNTED TRANSFORMER 4.8/8.32kV/240/120V-1 PHASE FOR DESLAURIER BARN/HOUSE. CONTRACTOR TO CONFIRM LOCATION OF EXISTING DESLAURIER TRANSFORMER PRIOR TO INSTALLATION AT THIS LOCATION.

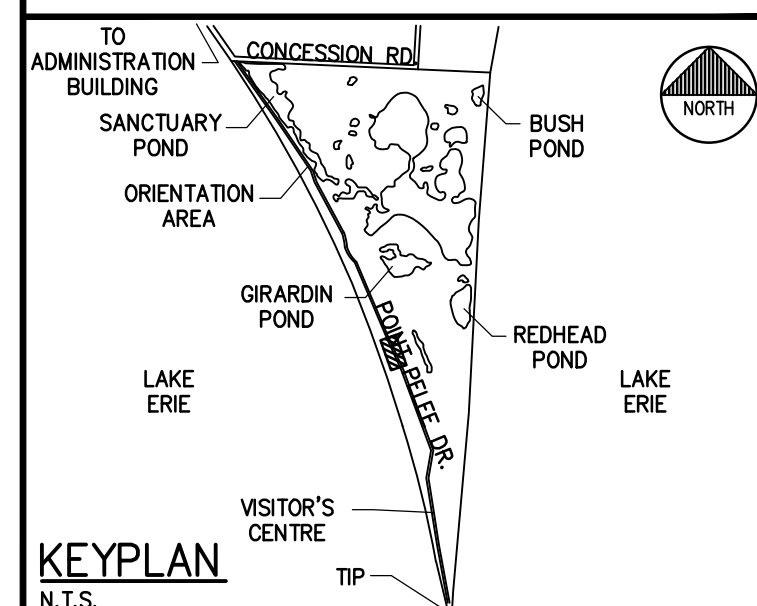
ENSURE MINIMAL DISRUPTION TO EASTERN PRICKLY PEAR CACTUS CRITICAL HABITAT. DO NOT DISTURB BEYOND SHOULDER OF ROAD THROUGH THIS SECTION.

INSTALL 91mm ϕ CONDUIT FOR FUTURE FIBRE OPTIC c/w HANDWELL STRUCTURES AS SHOWN.

INSTALL 91mm ϕ CONDUIT FOR FUTURE FIBRE OPTIC c/w HANDWELL STRUCTURES AS SHOWN PARALLEL TO EXISTING UNDERGROUND BELL AND HYDRO.



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Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



LEGEND

OW • GP • UPW •	OVERHEAD WIRE TO BE REMOVED
H	HYDRO FIXTURES TO BE REMOVED
—	EXISTING UNDERGROUND HYDRO
—	EXISTING UNDERGROUND BELL
PEDT ■	EXISTING BELL PEDESTAL
—	EXISTING 50mm ϕ GAS SERVICE
—	EXISTING WATERMAIN
—	ABANDONED WATERMAIN
FH ■	EXISTING HYDRANT
□	EXISTING WATER VALVE
□	EXISTING IRON BAR
—	EXISTING SIGN
—	EXISTING BUILDING OUTLINE
CB ■	EXISTING CATCHBASIN
○	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT ■	NEW BELL PEDESTAL
—	NEW HYDRO HANDHOLE
—	NEW DIRECT BURIED HYDRO
—	NEW UNDERGROUND BELL CONDUIT
—	NEW DIRECT BURIED BELL
⊙	BOREHOLE LOCATION
—	ROAD REHABILITATION - MILLING
—	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 3+850 TO STA. 4+125

drawn by
dessiné par
J.AUCKLAND

designed by
conçue par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

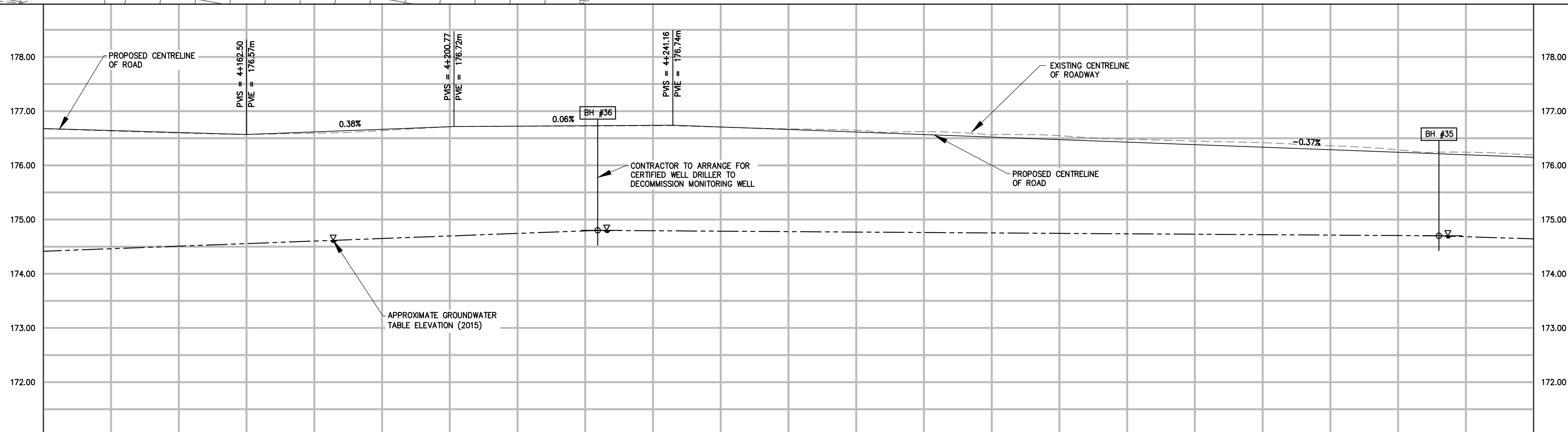
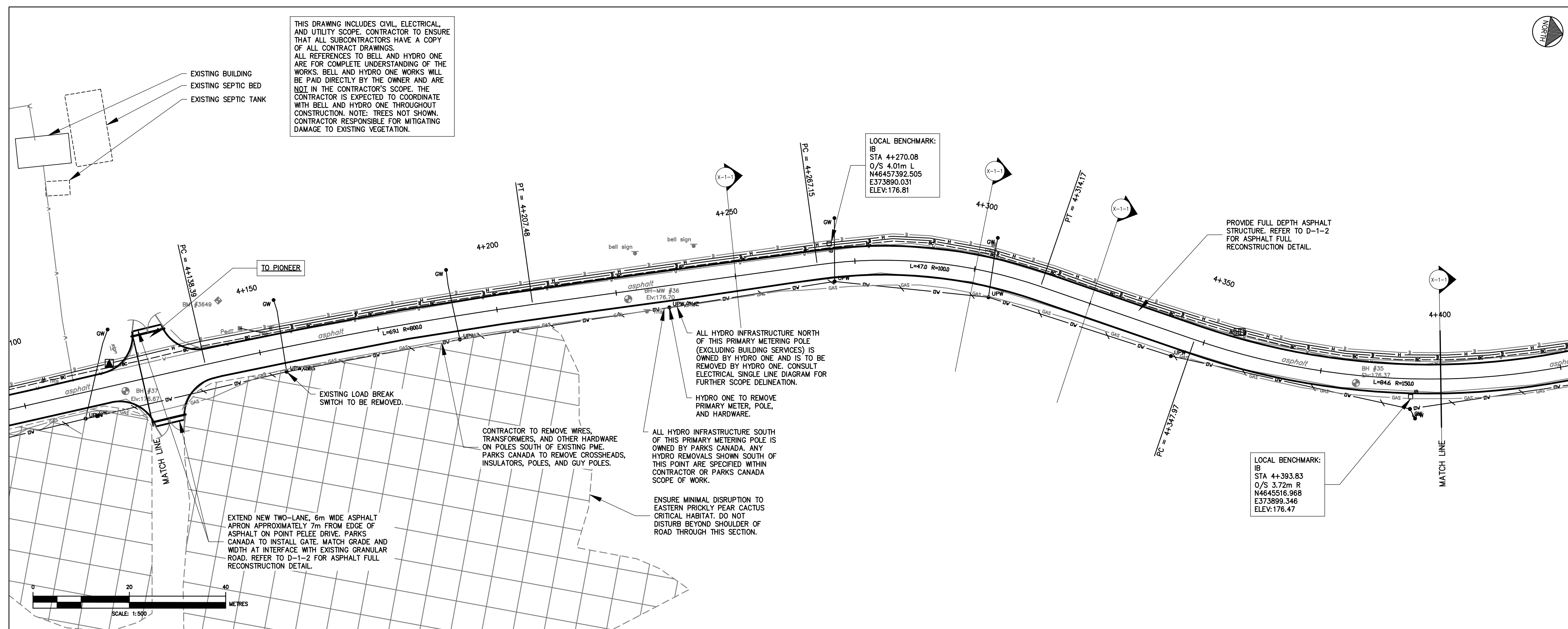
bid
soumission
D.BANNON project manager
administrateur de projets

project date
date du projet
2019-08-22

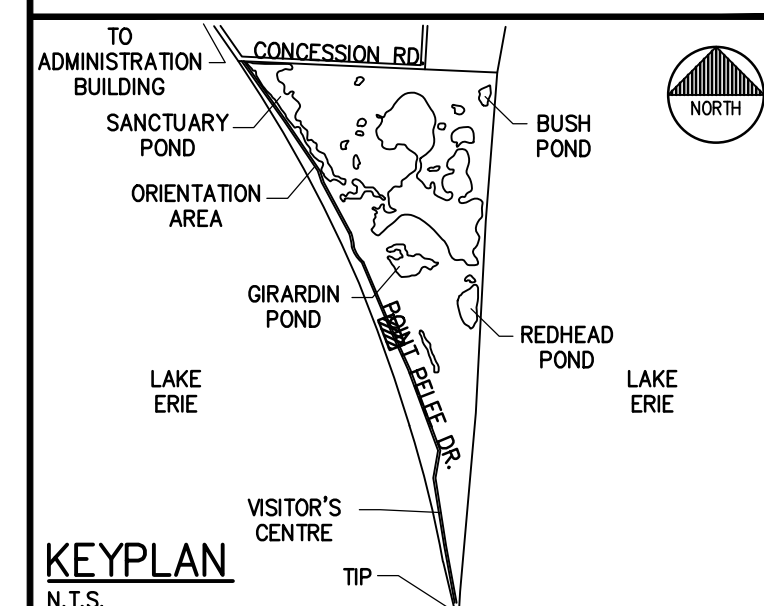
project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-9





STATION	4+150	4+175	4+200	4+225	4+250	4+275	4+300	4+325	4+350	4+375	4+400	STATION
CENTERLINE GRADE	PROPOSED 176.61 EXISTING 176.60	PROPOSED 176.62 EXISTING 176.59	PROPOSED 176.71 EXISTING 176.71	PROPOSED 176.73 EXISTING 176.72	PROPOSED 176.71 EXISTING 176.71	PROPOSED 176.61 EXISTING 176.65	PROPOSED 176.52 EXISTING 176.56	PROPOSED 176.43 EXISTING 176.48	PROPOSED 176.34 EXISTING 176.42	PROPOSED 176.24 EXISTING 176.29	PROPOSED 176.15 EXISTING 176.20	CENTERLINE GRADE
SUPERELEVATION	2.00% 1.00% 0.00% -1.00% -2.00%											SUPERELEVATION
REGULAR CROWN (LEFT LANE: -2% RIGHT LANE: -2%) SUPERELEVATED SECTION (RIGHT LANE: -2% LEFT LANE: +2%) REGULAR CROWN (LEFT LANE: -2% RIGHT LANE: -2%)												



LEGEND

OV	OVERHEAD WIRE TO BE REMOVED
GP	HYDRO FIXTURES TO BE REMOVED
UPW	EXISTING UNDERGROUND HYDRO
H	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
IB	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
□	NEW TRANSFORMER
□	NEW BELL F.O. HANDWELL
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□	NEW HYDRO HANDHOLE
□	NEW DIRECT BURIED HYDRO
□	NEW UNDERGROUND BELL CONDUIT
□	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
▨	ROAD REHABILITATION - MILLING
▨	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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titre du projet

LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin

POINT PEELEE DRIVE
PLAN & PROFILE
STA. 4+125 TO STA. 4+400

drawn by
dessiné par

J.AUCKLAND

designed by
conçu par

J.AUCKLAND

approved by
approuvé par

K.BOSSIE

bid
soumission

D.BANNON

project manager
administrateur de projets

project date
date du projet

2019-08-22

project no.
no. du projet

R.077178.001

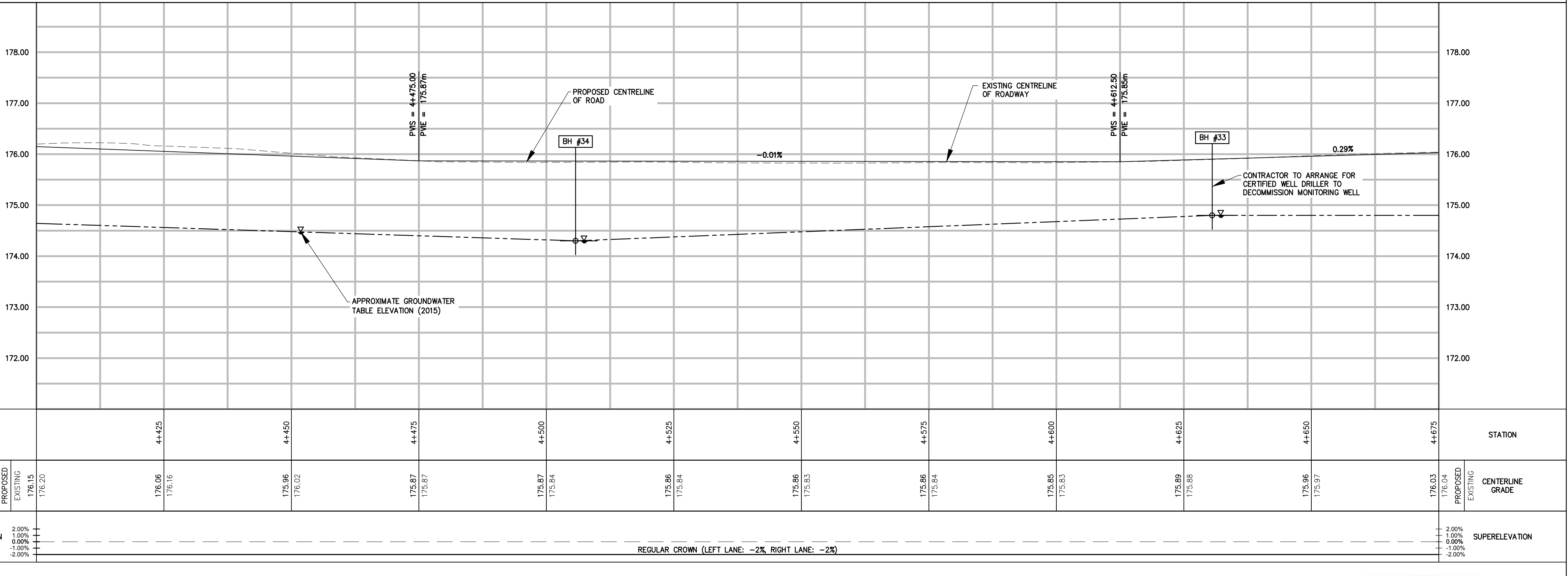
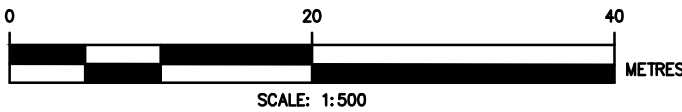
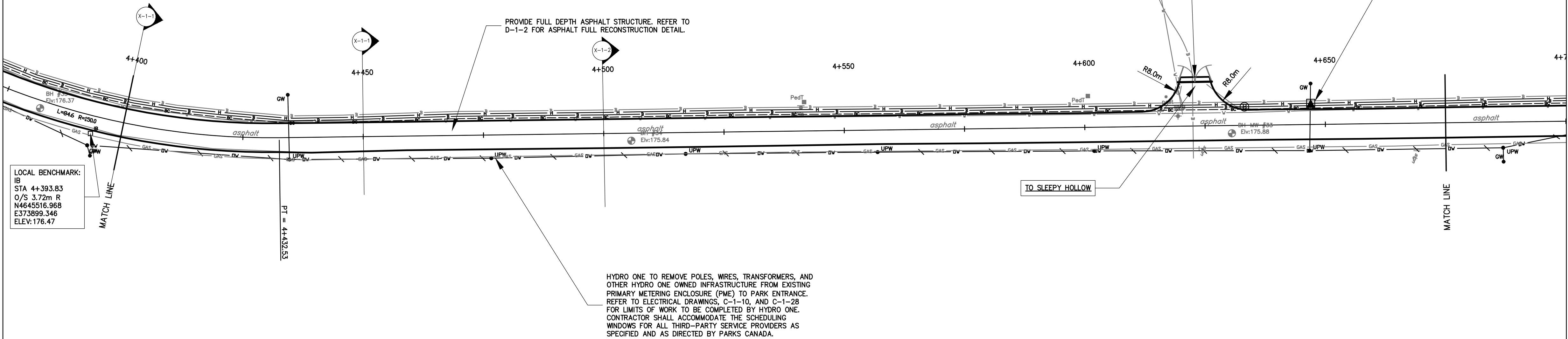
drawing no.
dessiné no.

C-1-10



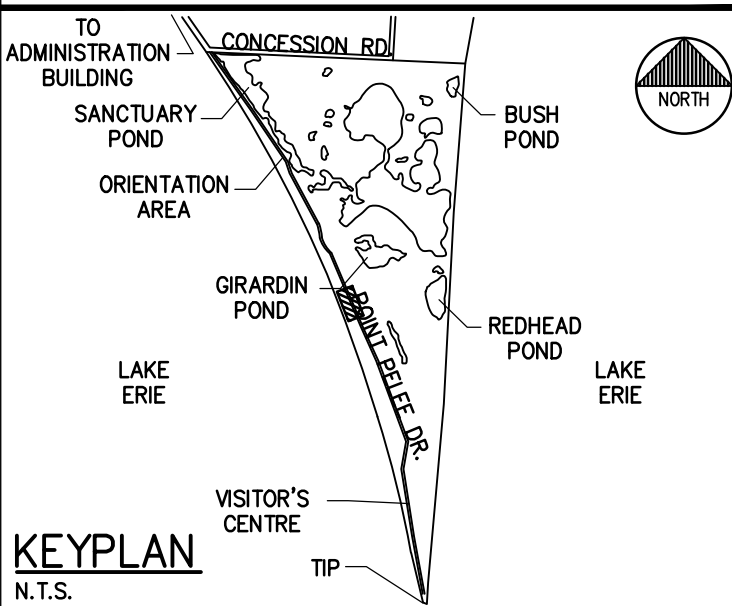
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LOCAL BENCHMARK:
IB STA 4+393.83
O/S 3.72m R
N4645516.968
E373899.346
ELEV:176.47



Public Works and
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Architectural and Engineering Services
Ontario Region

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Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



- LEGEND**
- DV OVERHEAD WIRE TO BE REMOVED
 - GP • UPW • HYDRO FIXTURES TO BE REMOVED
 - H EXISTING UNDERGROUND HYDRO
 - PEDT ■ EXISTING UNDERGROUND BELL
 - GAS EXISTING 50mm GAS SERVICE
 - W EXISTING WATERMAIN
 - ABANDONED WATERMAIN
 - FH EXISTING HYDRANT
 - IB EXISTING WATER VALVE
 - TR EXISTING SIGN
 - CB EXISTING BUILDING OUTLINE
 - O EXISTING CATCHBASIN
 - NEW BOLLARDS
 - NEW SECTIONALIZER
 - NEW TRANSFORMER
 - NEW BELL F.O. HANDWELL
 - PEDT ■ NEW BELL PEDESTAL
 - H NEW HYDRO HANDHOLE
 - H NEW DIRECT BURIED HYDRO
 - BC NEW UNDERGROUND BELL CONDUIT
 - NEW DIRECT BURIED BELL
 - BH BOREHOLE LOCATION
 - ROAD REHABILITATION - MILLING
 - ROAD RECONSTRUCTION - FULL
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OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 4+400 TO STA. 4+675

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project manager
administrateur
de projets

project date
date du projet
2019-08-22

project no.
no. du projet
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drawing no.
dessiné no.
C-1-11



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ENSURE MINIMAL DISRUPTION TO BUTTERNUT 25m BUFFER ZONE. DIRECTIONAL DRILL SERVICES WITHIN THIS ZONE.

APPROXIMATELY 107m OF SNOW FENCING 3m OFF EDGE OF ASPHALT TO BE INSTALLED IN THE PRESENCE OF A PARKS CANADA RESOURCE CONSERVATION OFFICER.

LOCAL BENCHMARK:
IB STA 4+857.49
O/S 4.51m L
N4645929.173
E373691.071
ELEV:177.14

LOCAL BENCHMARK:
IB STA 4+730.55
O/S 3.79m R
N4645827.833
E373768.230
ELEV:176.30

NEW 55m LONG VEHICLE LAY-BY. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL.

APPROXIMATELY 107m OF HYDRO CONDUIT THROUGH BUTTERNUT HABITAT TO BE EXCAVATED, INSTALLED, AND BACKFILLED SAME WORKDAY IN THE PRESENCE OF A PARKS CANADA RESOURCE CONSERVATION OFFICER.

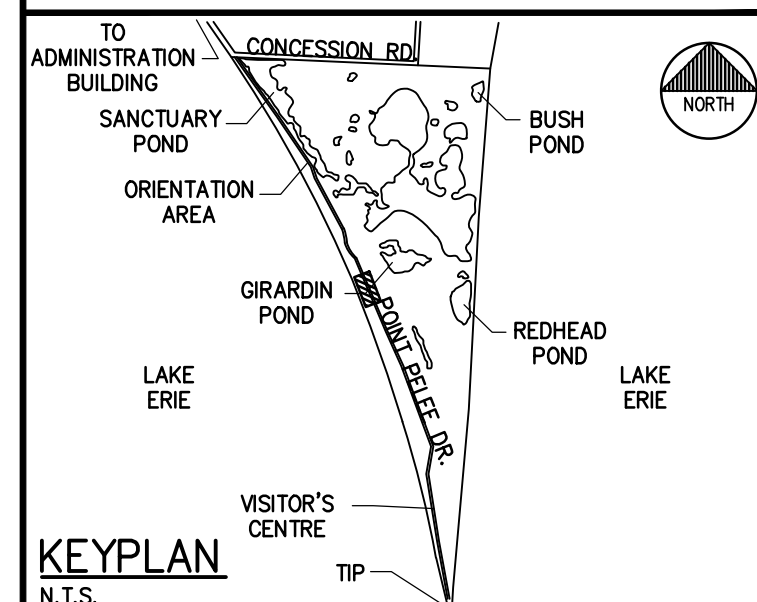
HYDRO ONE TO REMOVE POLES, WIRES, TRANSFORMERS, AND OTHER HYDRO ONE OWNED INFRASTRUCTURE FROM EXISTING PRIMARY METERING ENCLOSURE (PME) TO PARK ENTRANCE. REFER TO ELECTRICAL DRAWINGS, C-1-10, AND C-1-28 FOR LIMITS OF WORK TO BE COMPLETED BY HYDRO ONE. CONTRACTOR SHALL ACCOMMODATE THE SCHEDULING WINDOWS FOR ALL THIRD-PARTY SERVICE PROVIDERS AS SPECIFIED AND AS DIRECTED BY PARKS CANADA.

PROVIDE FULL DEPTH ASPHALT STRUCTURE. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL.

0 20 40 METRES
SCALE: 1:500



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**LEGEND**

- OVERHEAD WIRE TO BE REMOVED
HYDRO FIXTURES TO BE REMOVED
EXISTING UNDERGROUND HYDRO
EXISTING UNDERGROUND BELL
EXISTING BELL PEDESTAL
EXISTING 50mm GAS SERVICE
EXISTING WATERMAIN
ABANDONED WATERMAIN
EXISTING HYDRANT
EXISTING WATER VALVE
EXISTING IRON BAR
EXISTING SIGN
EXISTING BUILDING OUTLINE
EXISTING CATCHBASIN
NEW BOLLARDS
NEW SECTIONALIZER
NEW TRANSFORMER
NEW BELL F.O. HANDWELL
NEW BELL PEDESTAL
NEW HYDRO HANDHOLE
NEW DIRECT BURIED HYDRO
NEW UNDERGROUND BELL CONDUIT
NEW DIRECT BURIED BELL
- BOREHOLE LOCATION
ROAD REHABILITATION - MILLING
ROAD RECONSTRUCTION - FULL
REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

Do not scale drawings.
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A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 4+675 TO STA. 4+950

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project manager
administrateur
de projets

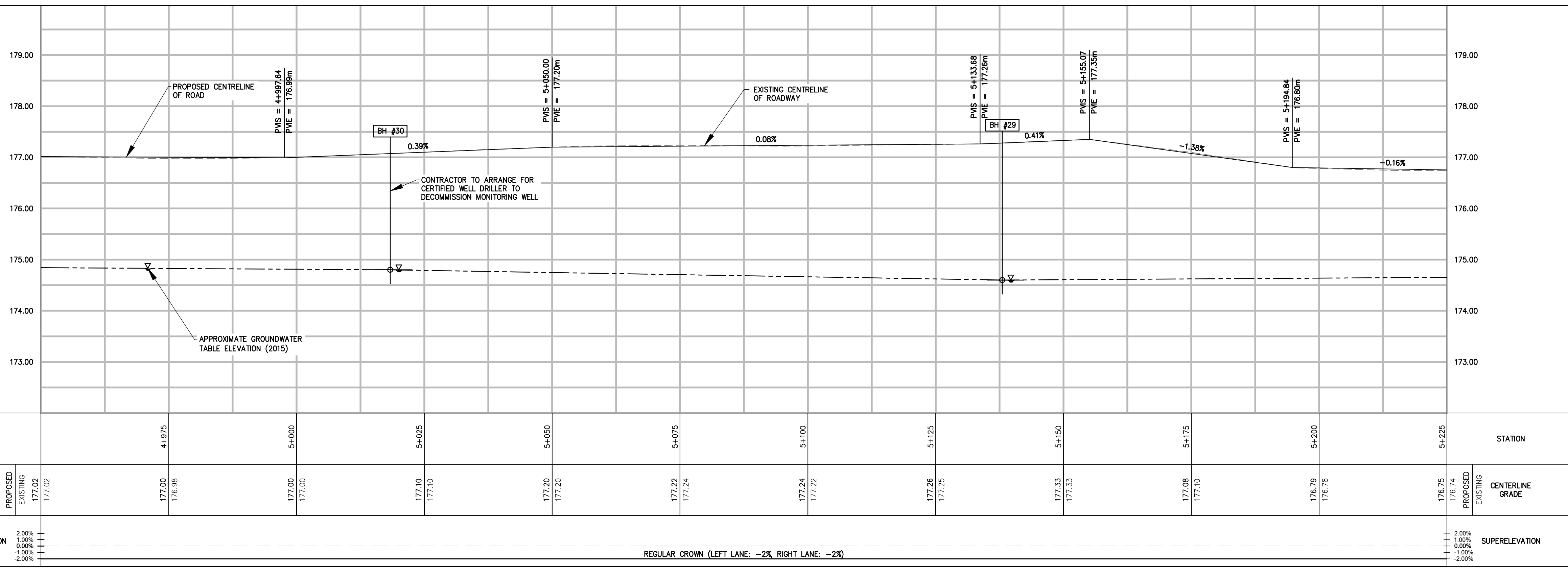
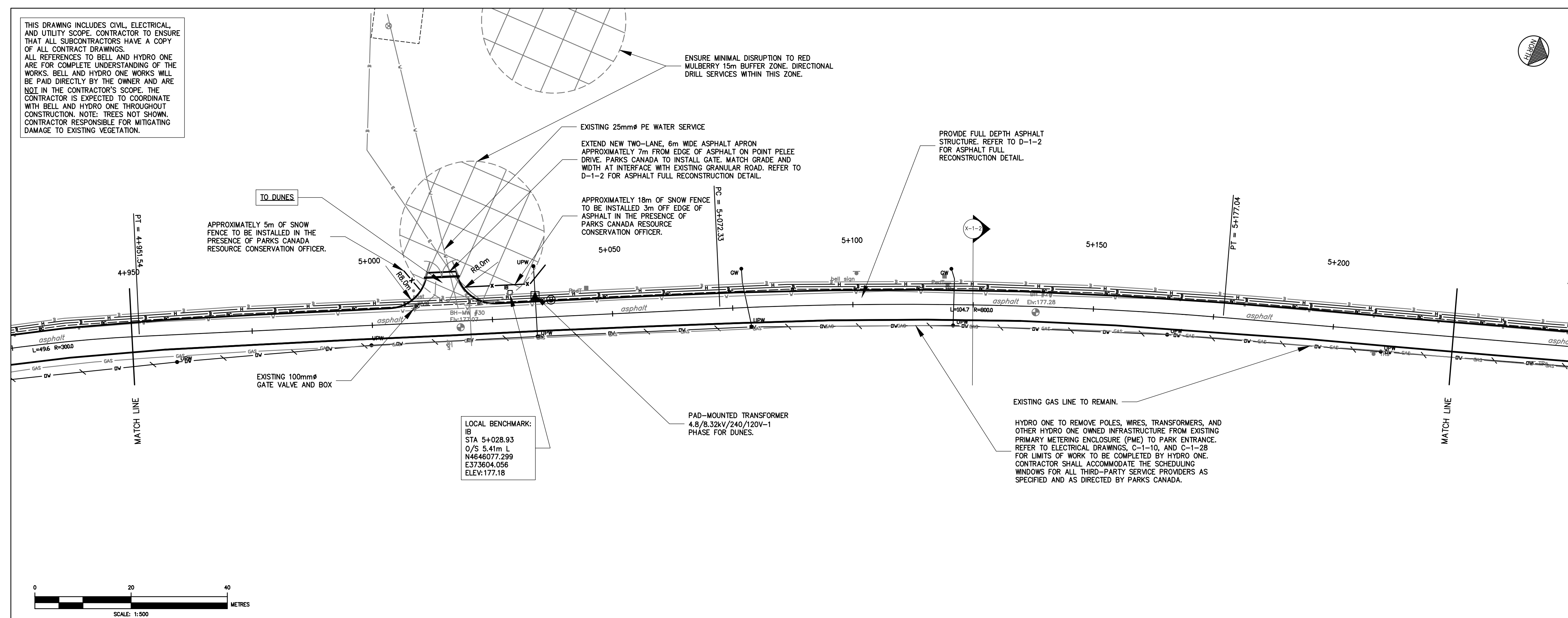
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

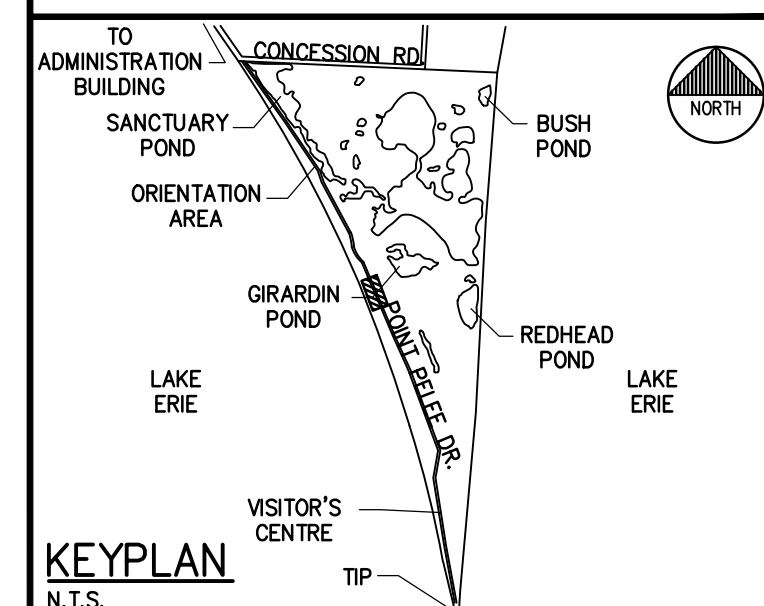
drawing no.
dessiné no.
C-1-12



THIS DRAWING INCLUDES CIVIL, ELECTRICAL, AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.



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LEGEND

OV	OVERHEAD WIRE TO BE REMOVED
GP	HYDRO FIXTURES TO BE REMOVED
UPW	EXISTING UNDERGROUND HYDRO
H	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
△	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
⊙	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
BC	NEW UNDERGROUND BELL CONDUIT
⊙	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
▨	ROAD REHABILITATION - MILLING
▨	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 4+950 TO STA. 5+225

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

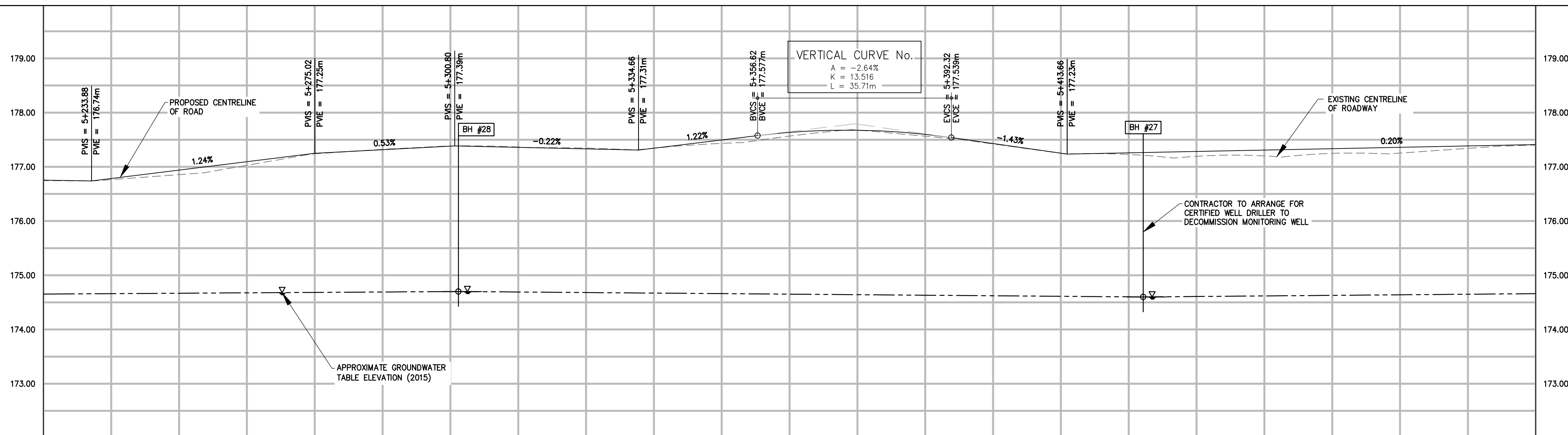
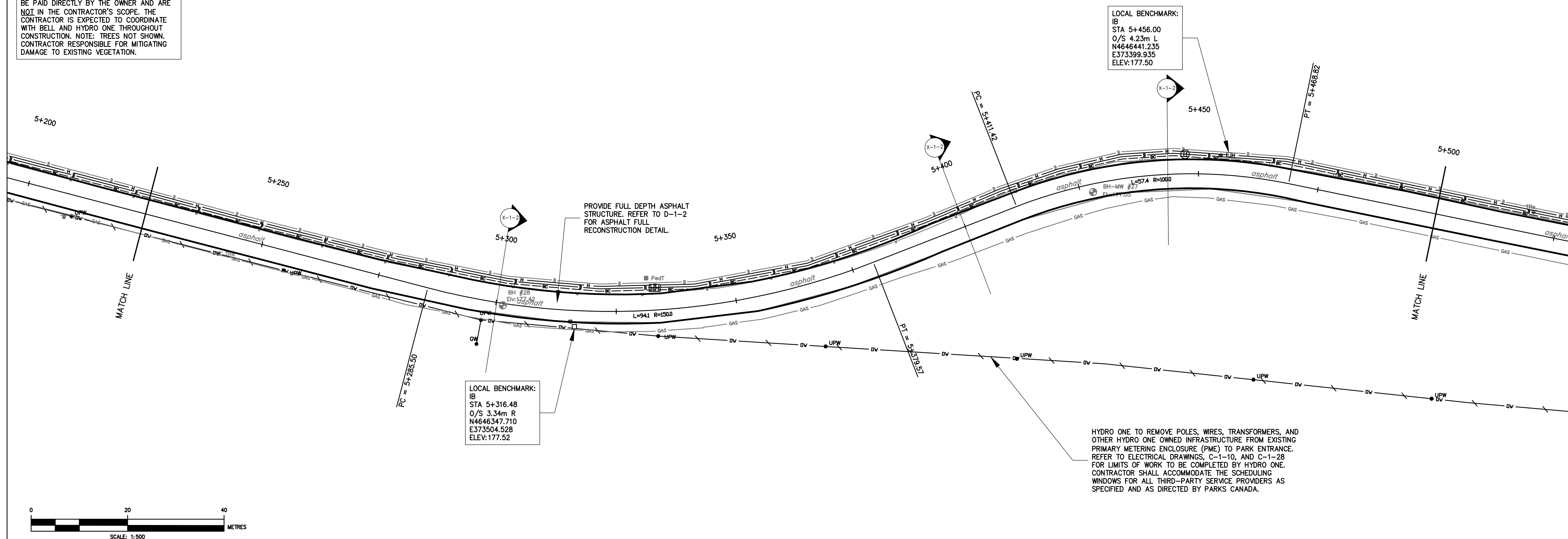
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

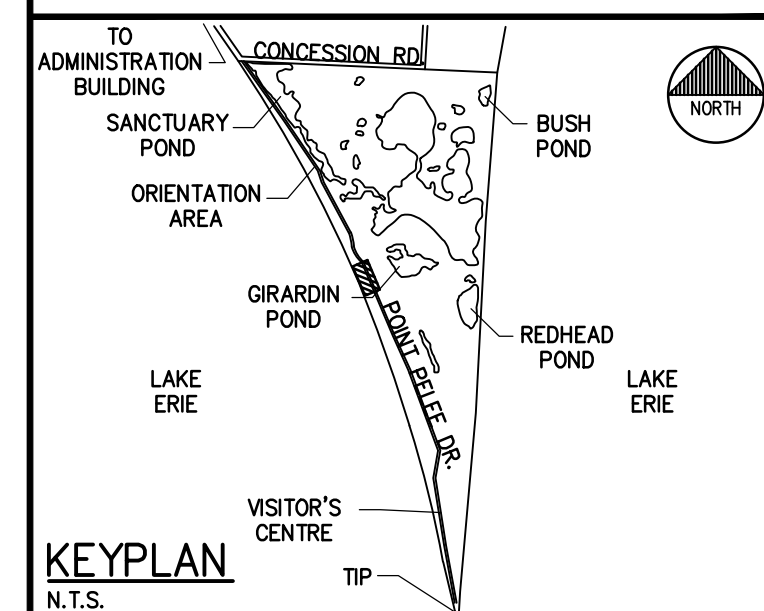
drawing no.
dessiné no.
C-1-13



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STATION		5+250		5+275		5+300		5+325		5+350		5+375		5+400		5+425		5+450		5+475		5+500		STATION	
CENTERLINE GRADE	PROPOSED																							PROPOSED	CENTERLINE GRADE
	EXISTING	176.75	176.86	177.25	177.24	177.38	177.38	177.33	177.35	177.50	177.43	177.68	177.68	177.43	177.42	177.26	177.23	177.31	177.20	177.36	177.25	177.41	EXISTING		
SUPERELEVATION		2.00%																					2.00%	SUPERELEVATION	
		1.00%																					1.00%		
		0.00%																					0.00%		
		-1.00%																					-1.00%		
		REGULAR CROWN (LEFT LANE: -2%, RIGHT LANE: -2%)																							
		SUPERELEVATED SECTION (RIGHT LANE: -2%, LEFT LANE: +2%)																							



LEGEND

OW • GP • UPW •	OVERHEAD WIRE TO BE REMOVED
H	HYDRO FIXTURES TO BE REMOVED
—	EXISTING UNDERGROUND HYDRO
PEDT	EXISTING UNDERGROUND BELL
GAS	EXISTING BELL PEDESTAL
—	EXISTING 50mm GAS SERVICE
—	EXISTING WATERMAIN
—	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
CB	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
O	EXISTING CATCHBASIN
□	NEW BOLLARDS
□	NEW SECTIONALIZER
□	NEW TRANSFORMER
□	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
H	NEW HYDRO HANDHOLE
—	NEW DIRECT BURIED HYDRO
—	NEW UNDERGROUND BELL CONDUIT
—	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
—	ROAD REHABILITATION — MILLING
—	ROAD RECONSTRUCTION — FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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C	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 5+225 TO STA. 5+500

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

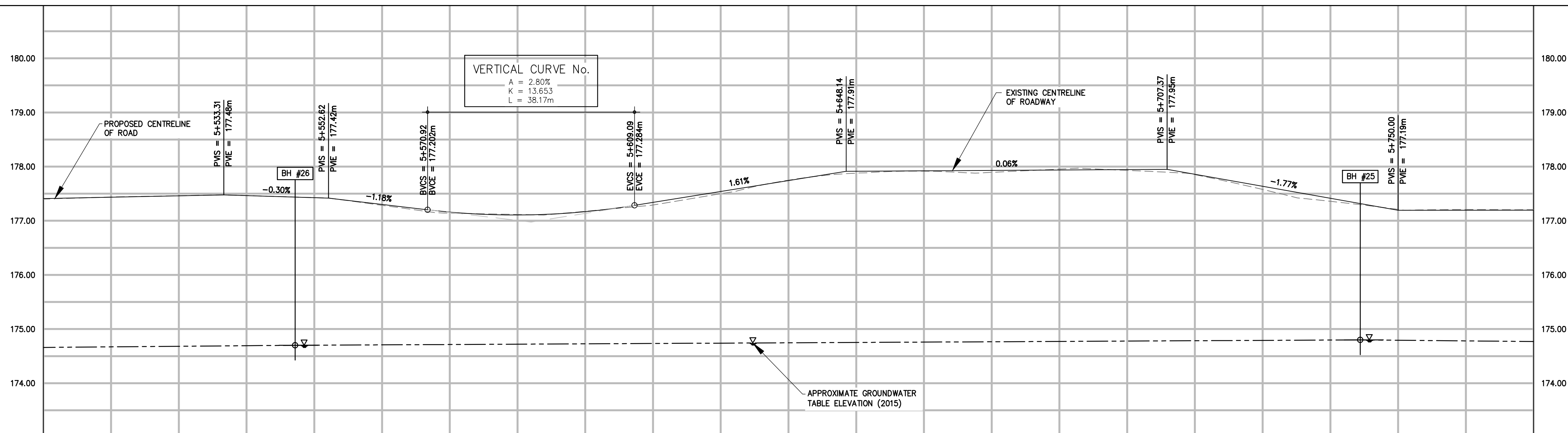
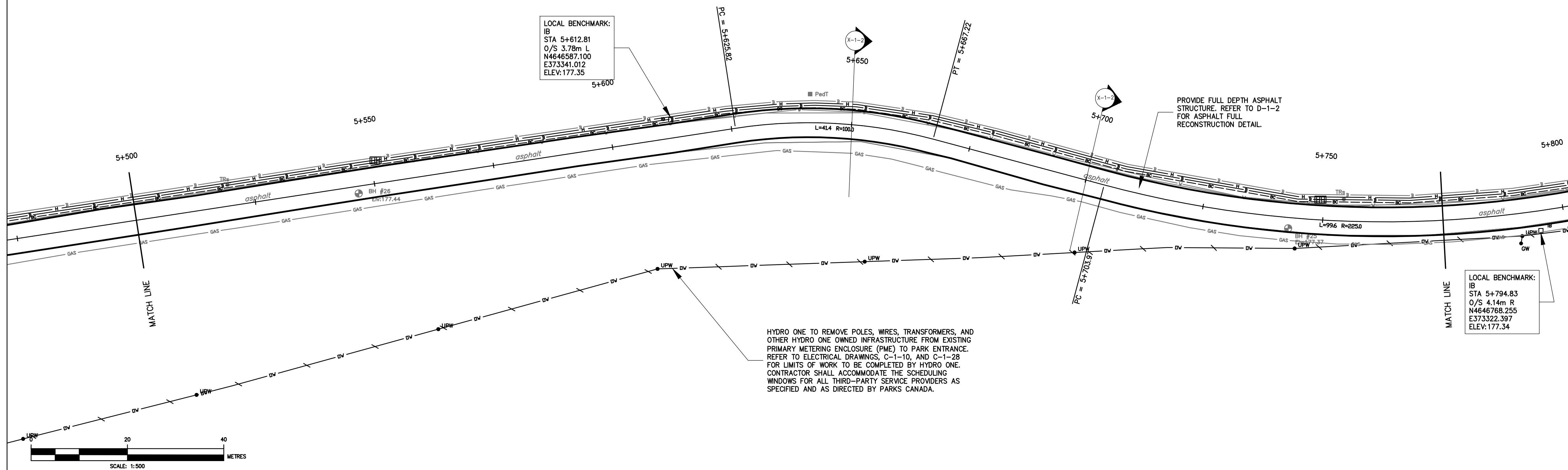
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-14



THIS DRAWING INCLUDES CIVIL, ELECTRICAL AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.

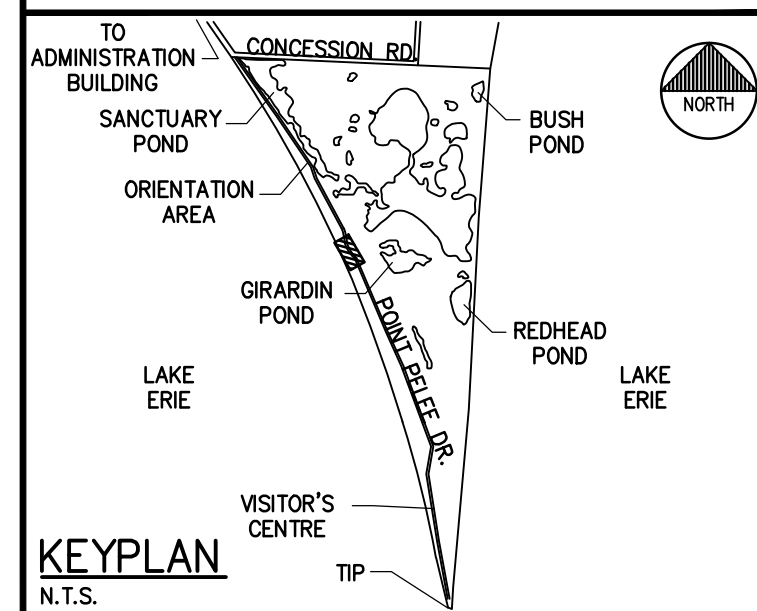


STATION		5+525		5+550		5+575		5+600		5+625		5+650		5+675		5+700		5+725		5+750		5+775		STATION	
CENTERLINE GRADE	PROPOSED																							PROPOSED	CENTERLINE GRADE
	EXISTING	177.41	177.40	177.46	177.43	177.43	177.16	177.14	177.17	177.17	177.54	177.50	177.91	177.88	177.93	177.89	177.94	177.93	177.64	177.58	177.19	177.21	EXISTING		
SUPERELEVATION		2.00%																					2.00%		
		1.00%																					1.00%		
		0.00%																					0.00%		
		-1.00%																					-1.00%		
		-2.00%																					-2.00%		
		REGULAR CROWN (LEFT LANE: -2%, RIGHT LANE: -2%)																							
		SUPERELEVATED SECTION (RIGHT LANE: -2%, LEFT LANE: +2%)																							
		REGULAR CROWN (LEFT LANE: -2%, RIGHT LANE: -2%)																							



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Région de l'Ontario



LEGEND

OW • GP • UPW •	OVERHEAD WIRE TO BE REMOVED
H	HYDRO FIXTURES TO BE REMOVED
PEDT	EXISTING UNDERGROUND HYDRO
GAS	EXISTING UNDERGROUND BELL
W	EXISTING BELL PEDESTAL
W	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
W	EXISTING WATER VALVE
W	EXISTING IRON BAR
W	EXISTING SIGN
W	EXISTING BUILDING OUTLINE
W	EXISTING CATCHBASIN
W	NEW BOLLARDS
W	NEW SECTIONALIZER
W	NEW TRANSFORMER
W	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
H	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
H	NEW UNDERGROUND BELL CONDUIT
H	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
W	ROAD REHABILITATION - MILLING
W	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 5+500 TO STA. 5+775

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

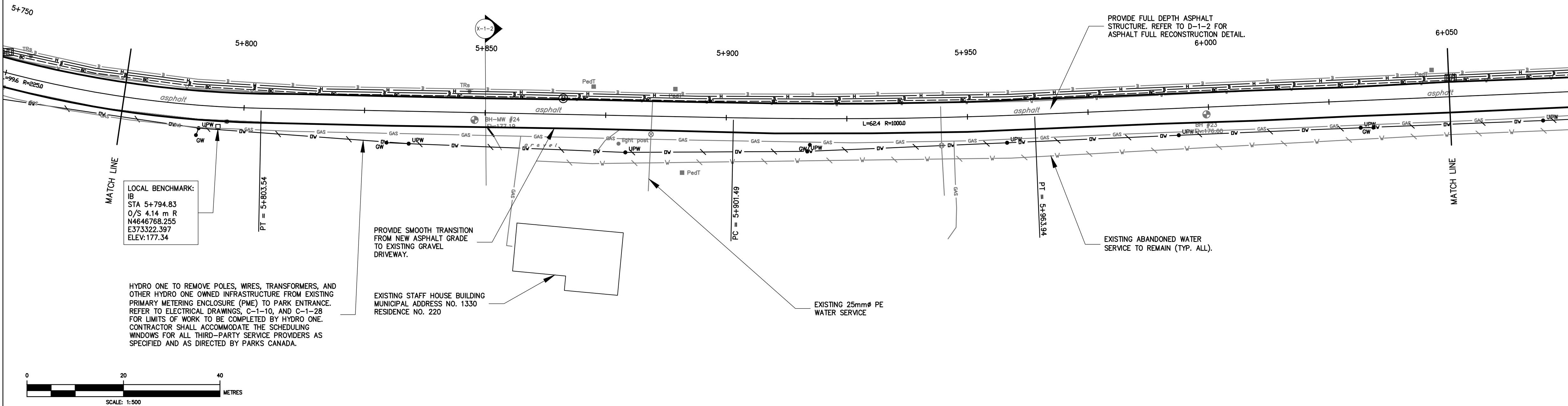
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-15



THIS DRAWING INCLUDES CIVIL, ELECTRICAL, AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.



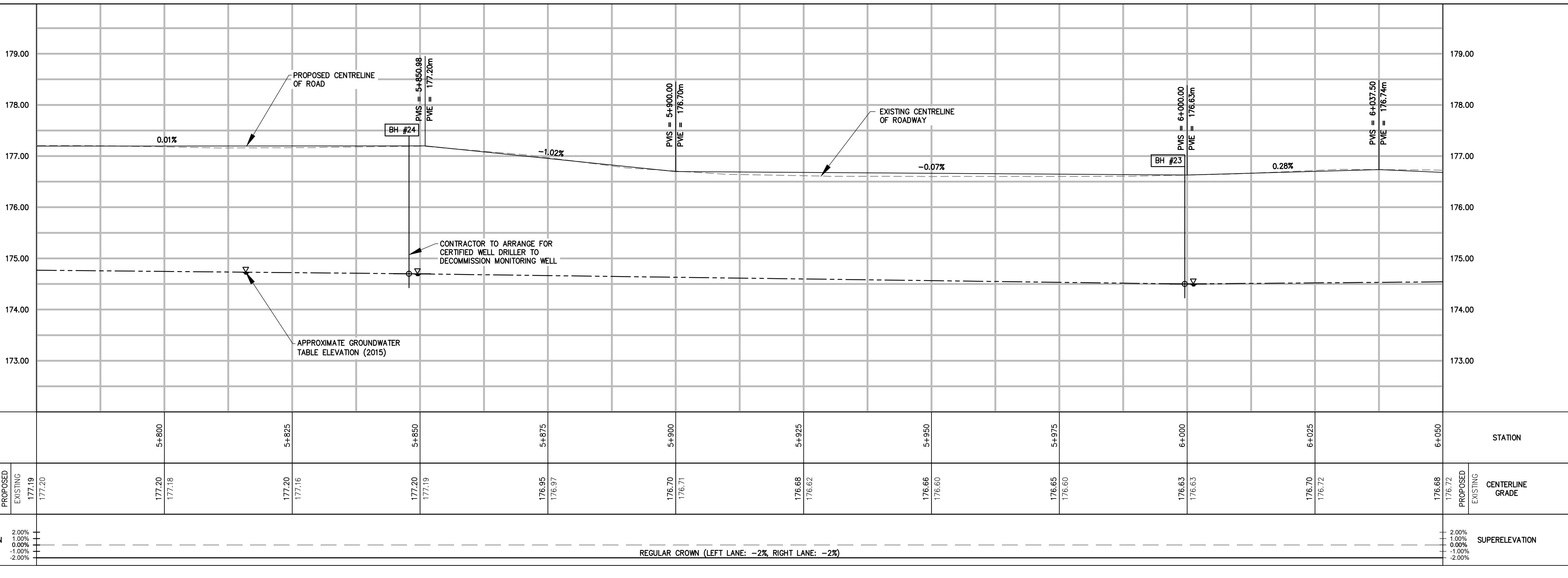
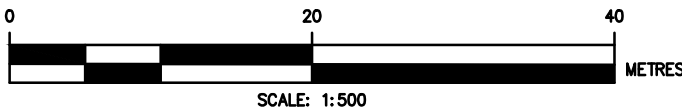
HYDRO ONE TO REMOVE POLES, WIRES, TRANSFORMERS, AND OTHER HYDRO ONE OWNED INFRASTRUCTURE FROM EXISTING PRIMARY METERING ENCLOSURE (PME) TO PARK ENTRANCE. REFER TO ELECTRICAL DRAWINGS, C-1-10, AND C-1-28 FOR LIMITS OF WORK TO BE COMPLETED BY HYDRO ONE. CONTRACTOR SHALL ACCOMMODATE THE SCHEDULING WINDOWS FOR ALL THIRD-PARTY SERVICE PROVIDERS AS SPECIFIED AND AS DIRECTED BY PARKS CANADA.

PROVIDE SMOOTH TRANSITION FROM NEW ASPHALT GRADE TO EXISTING GRAVEL DRIVEWAY.

PROVIDE FULL DEPTH ASPHALT STRUCTURE. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL. 6+000

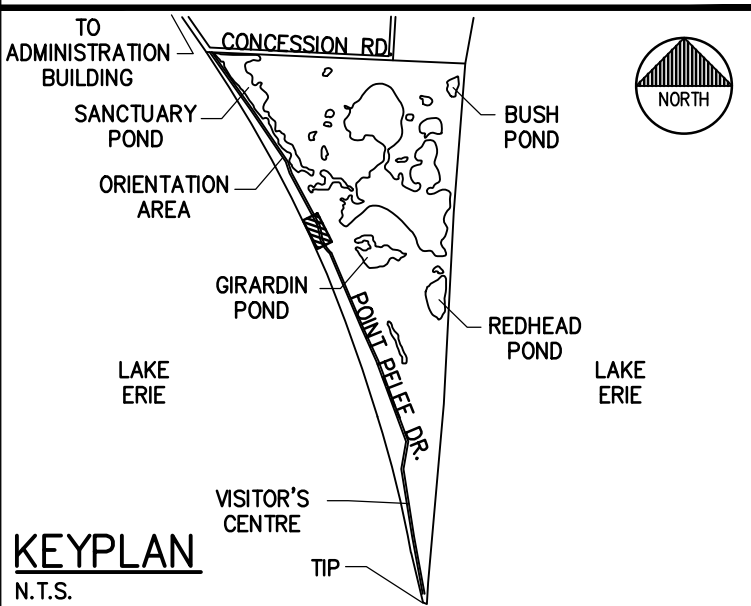
EXISTING ABANDONED WATER SERVICE TO REMAIN (TYP. ALL).

EXISTING 25mm PE WATER SERVICE



STATION	5+800	5+825	5+850	5+875	5+900	5+925	5+950	5+975	6+000	6+025	6+050	STATION
CENTERLINE GRADE	PROPOSED 177.20 EXISTING 177.19	177.20 177.18	177.20 177.16	177.20 177.19	176.70 176.71	176.68 176.62	176.66 176.60	176.65 176.60	176.63 176.63	176.70 176.72	176.68 176.72	CENTERLINE GRADE
SUPERELEVATION	2.00% 1.00% 0.00% -1.00% -2.00%											SUPERELEVATION
	REGULAR CROWN (LEFT LANE: -2%, RIGHT LANE: -2%)											

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- LEGEND**
- GP • UPW • OVERHEAD WIRE TO BE REMOVED
 - H • HYDRO FIXTURES TO BE REMOVED
 - • EXISTING UNDERGROUND HYDRO
 - PEDT ■ EXISTING BELL PEDESTAL
 - • EXISTING 50mm GAS SERVICE
 - • EXISTING WATERMAIN
 - • ABANDONED WATERMAIN
 - FH • EXISTING HYDRANT
 - • EXISTING WATER VALVE
 - • EXISTING IRON BAR
 - TR • EXISTING SIGN
 - • EXISTING BUILDING OUTLINE
 - CB ■ EXISTING CATCHBASIN
 - • NEW BOLLARDS
 - • NEW SECTIONALIZER
 - ▲ • NEW TRANSFORMER
 - ⊙ • NEW BELL F.O. HANDWELL
 - PEDT ■ NEW BELL PEDESTAL
 - • NEW HYDRO HANDHOLE
 - • NEW DIRECT BURIED HYDRO
 - • NEW UNDERGROUND BELL CONDUIT
 - • NEW DIRECT BURIED BELL
 - ⊙ • BOREHOLE LOCATION
 - ▨ • ROAD REHABILITATION - MILLING
 - ▨ • ROAD RECONSTRUCTION - FULL
- REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 5+775 TO STA. 6+050

drawn by
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bid
soumission
D.BANNON

project manager
administrateur de projets

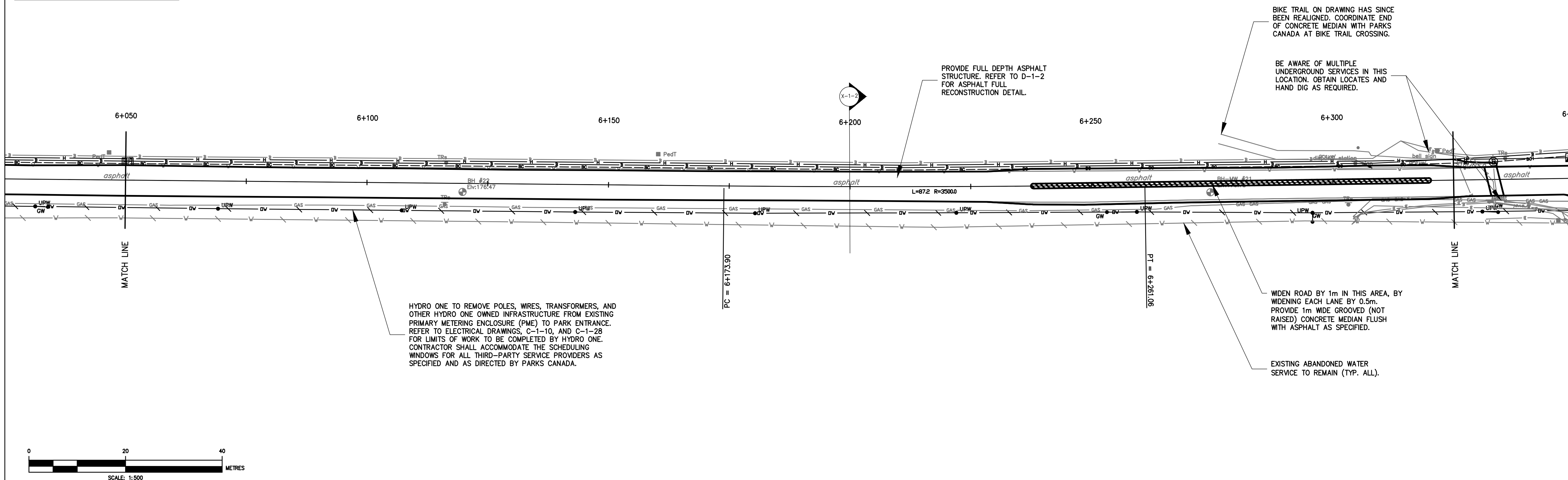
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-16

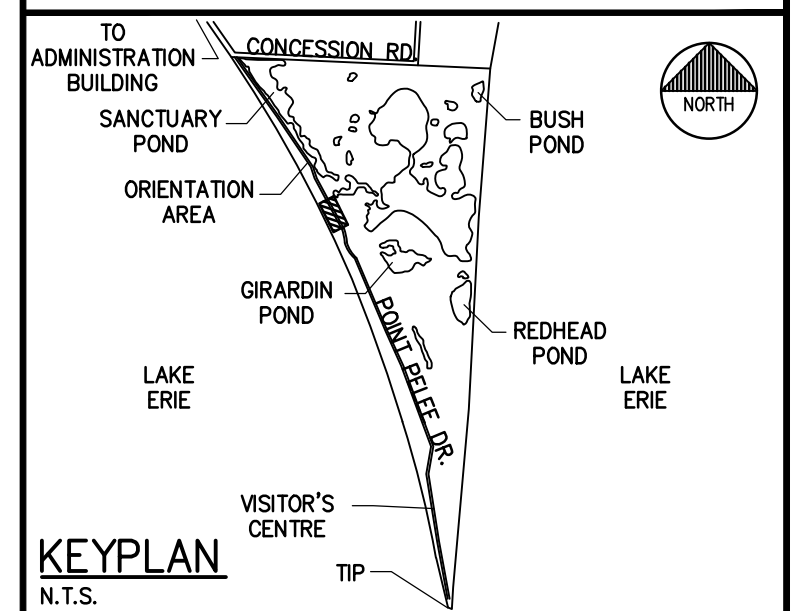


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LEGEND

OV	OVERHEAD WIRE TO BE REMOVED
GP	HYDRO FIXTURES TO BE REMOVED
UPW	EXISTING UNDERGROUND HYDRO
H	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
ABW	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
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⊙	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
▨	ROAD REHABILITATION - MILLING
▩	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 6+050 TO STA. 6+325

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

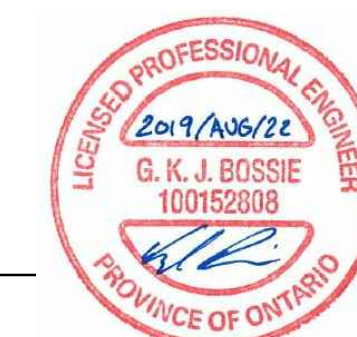
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bid
soumission
D.BANNON

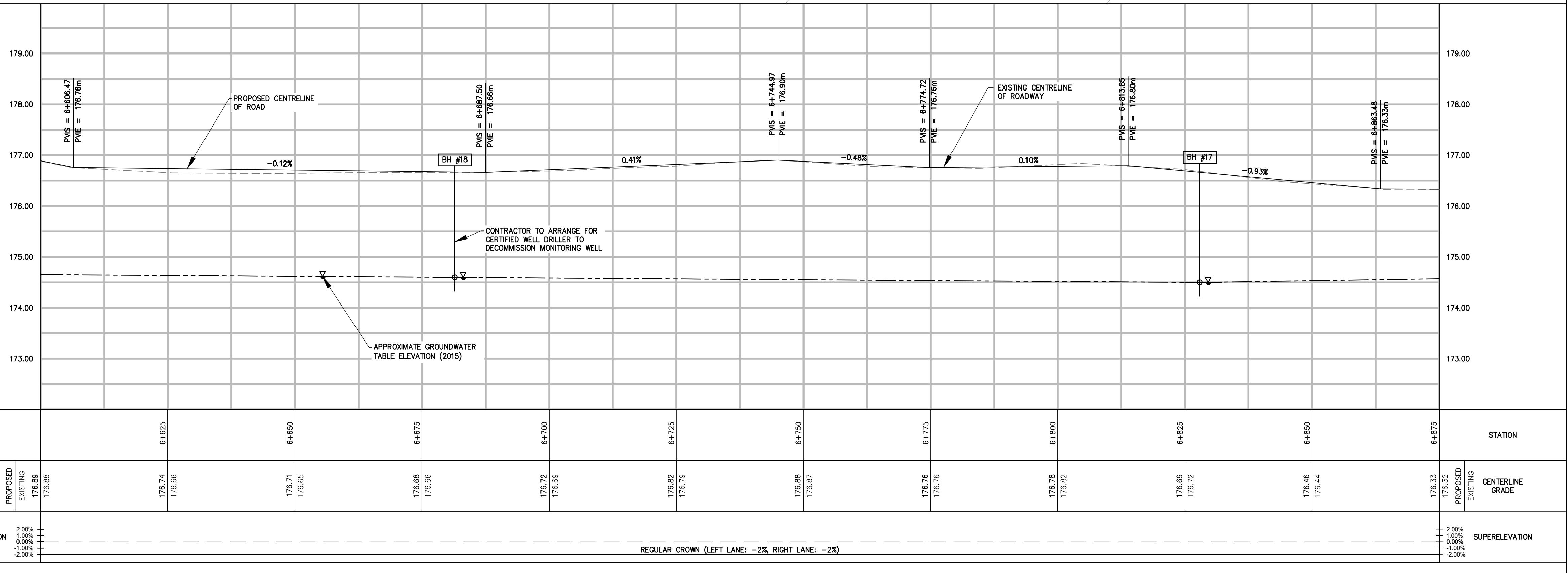
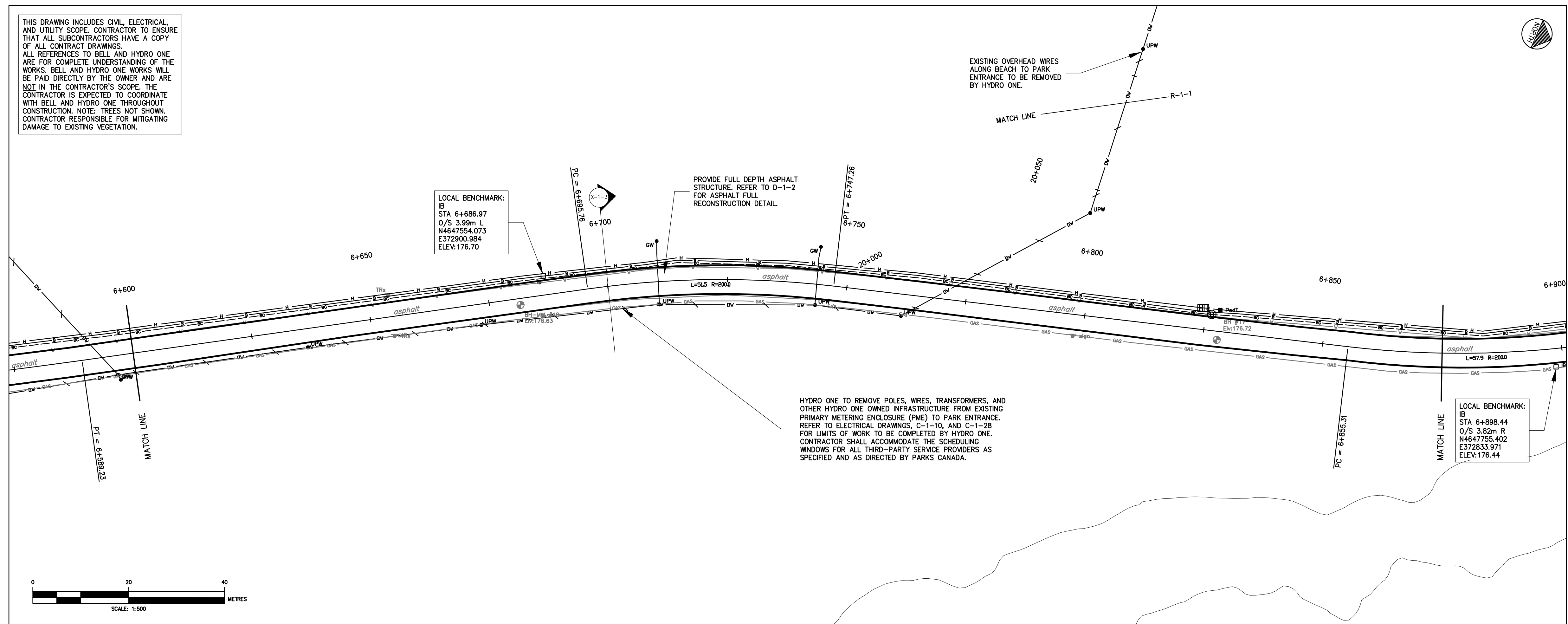
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project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-17

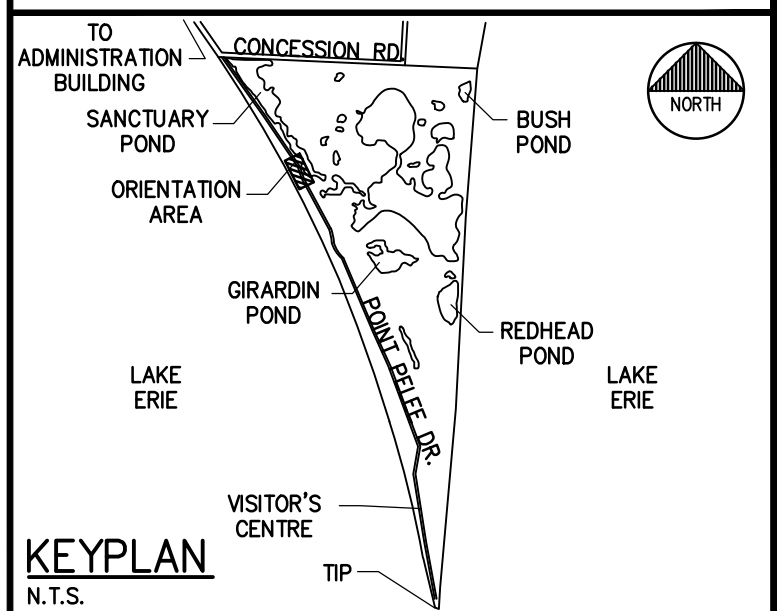


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Travaux publics et
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Services d'architecture et de génie
Région de l'Ontario



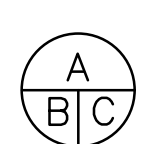
LEGEND

- OVERHEAD WIRE TO BE REMOVED
- HYDRO FIXTURES TO BE REMOVED
- EXISTING UNDERGROUND HYDRO
- EXISTING UNDERGROUND BELL
- EXISTING BELL PEDESTAL
- EXISTING 50mm GAS SERVICE
- EXISTING WATERMAIN
- ABANDONED WATERMAIN
- EXISTING HYDRANT
- EXISTING WATER VALVE
- EXISTING IRON BAR
- EXISTING SIGN
- EXISTING BUILDING OUTLINE
- EXISTING CATCHBASIN
- NEW BOLLARDS
- NEW SECTIONALIZER
- NEW TRANSFORMER
- NEW BELL F.O. HANDWELL
- NEW BELL PEDESTAL
- NEW HYDRO HANDHOLE
- NEW DIRECT BURIED HYDRO
- NEW UNDERGROUND BELL CONDUIT
- NEW DIRECT BURIED BELL

- BOREHOLE LOCATION
 - ROAD REHABILITATION - MILLING
 - ROAD RECONSTRUCTION - FULL
- REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

Do not scale drawings.
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- A Detail No.
- B drawing no. - where detail required
- C drawing no. - where detailed

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 6+600 TO STA. 6+875

drawn by
dessiné par
J. AUCKLAND

designed by
conçu par
J. AUCKLAND

approved by
approuvé par
K. BOSSIE

bid
soumission
D. BANNON

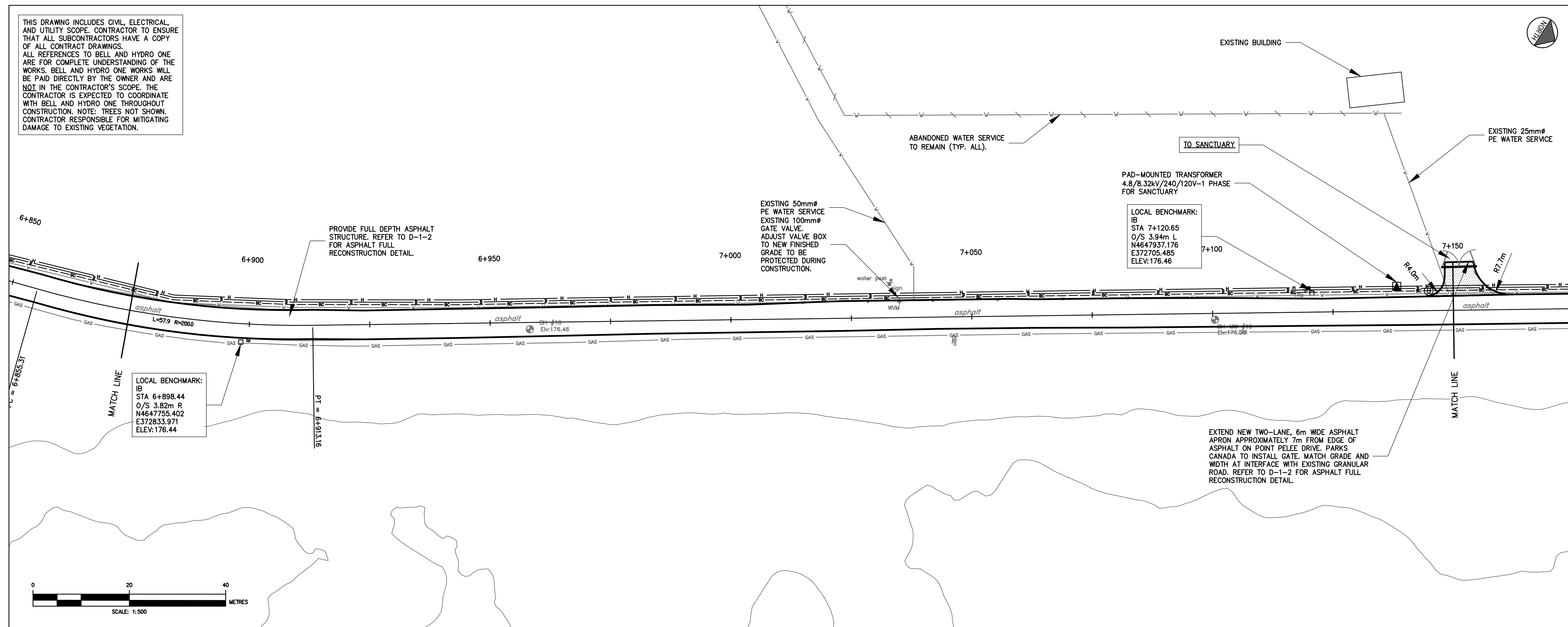
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

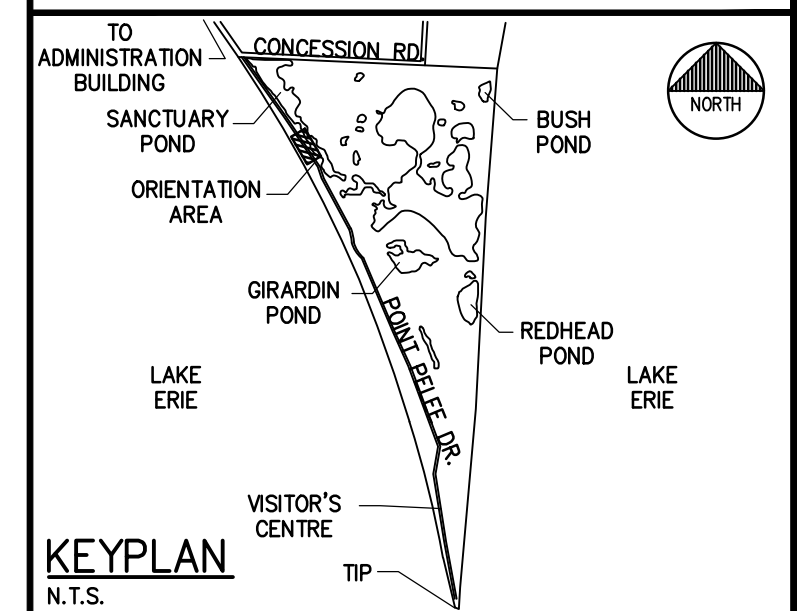
drawing no.
dessiné no.
C-1-19



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Région de l'Ontario



LEGEND

DV	OVERHEAD WIRE TO BE REMOVED
GW • GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
B	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
⊙	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
B	NEW UNDERGROUND BELL CONDUIT
B	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
▨	ROAD REHABILITATION - MILLING
▩	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
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B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 6+875 TO STA. 7+150

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

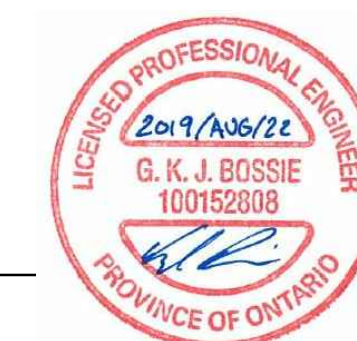
approved by
approuvé par
K.BOSSIE

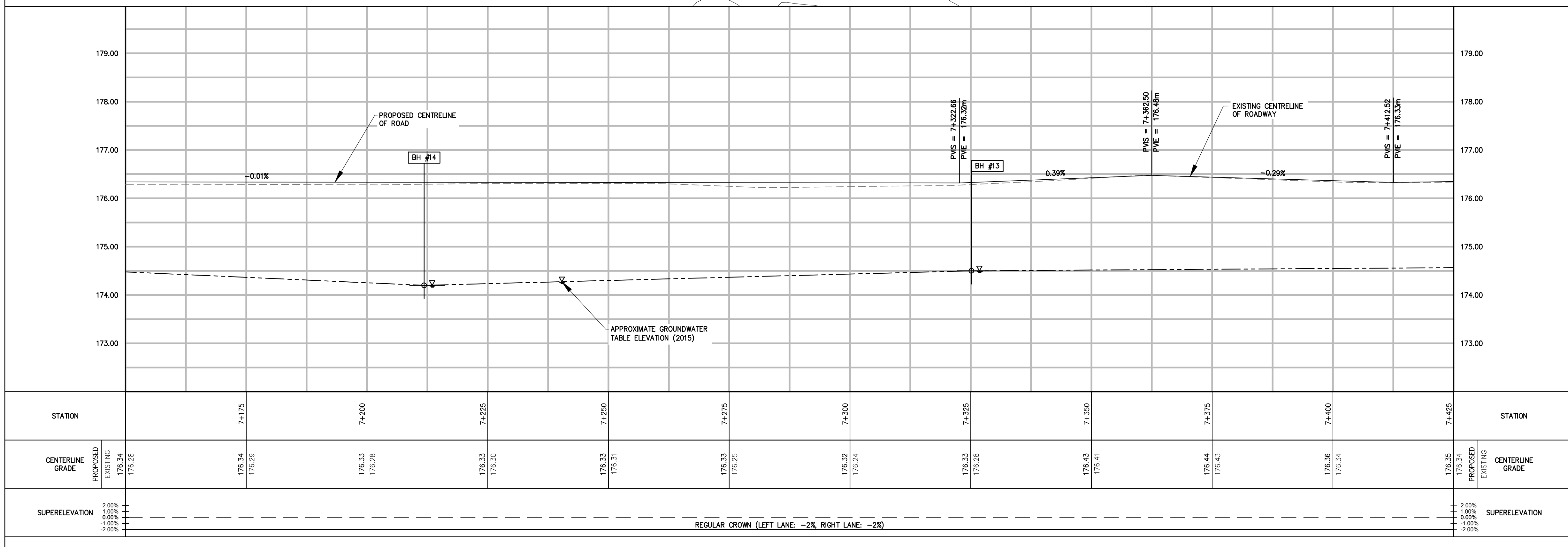
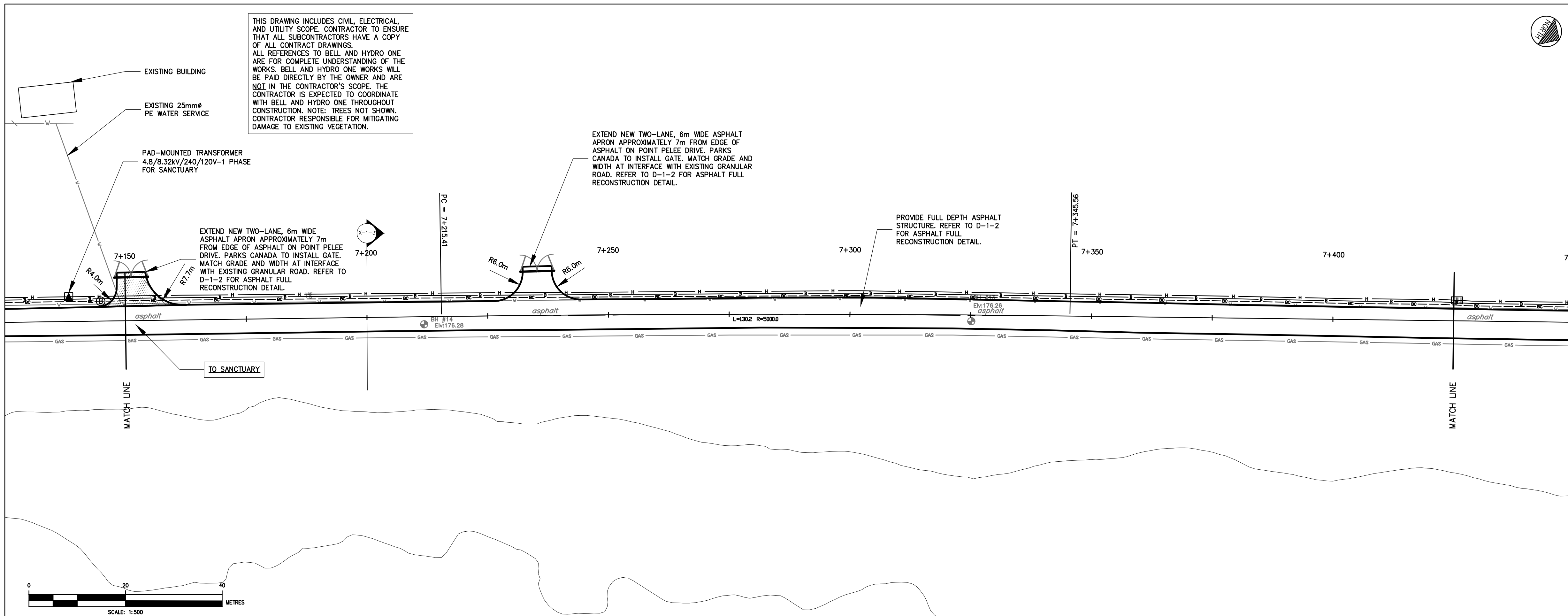
bid
soumission
D.BANNON

project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

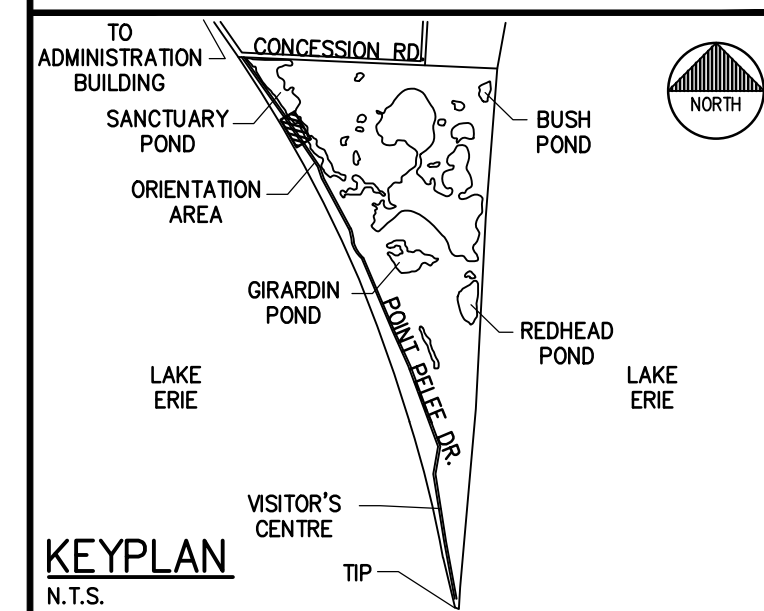
drawing no.
dessiné no.
C-1-20





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Travaux publics et
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Services d'architecture et de génie
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LEGEND

DV	OVERHEAD WIRE TO BE REMOVED
GW GP UPW	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
PEDT	EXISTING UNDERGROUND BELL
GAS	EXISTING 50mm ϕ GAS SERVICE
W	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
W	EXISTING WATER VALVE
W	EXISTING IRON BAR
W	EXISTING SIGN
W	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
W	NEW SECTIONALIZER
W	NEW TRANSFORMER
W	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
W	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
W	NEW UNDERGROUND BELL CONDUIT
W	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
W	ROAD REHABILITATION - MILLING
W	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin

POINT PELEE DRIVE
PLAN & PROFILE
STA. 7+150 TO STA. 7+425

drawn by
dessiné par

J.AUCKLAND

designed by
conçu par

J.AUCKLAND

approved by
approuvé par

K.BOSSIE

bid
soumission

D.BANNON

project date
date du projet

2019-08-22

project no.
no. du projet

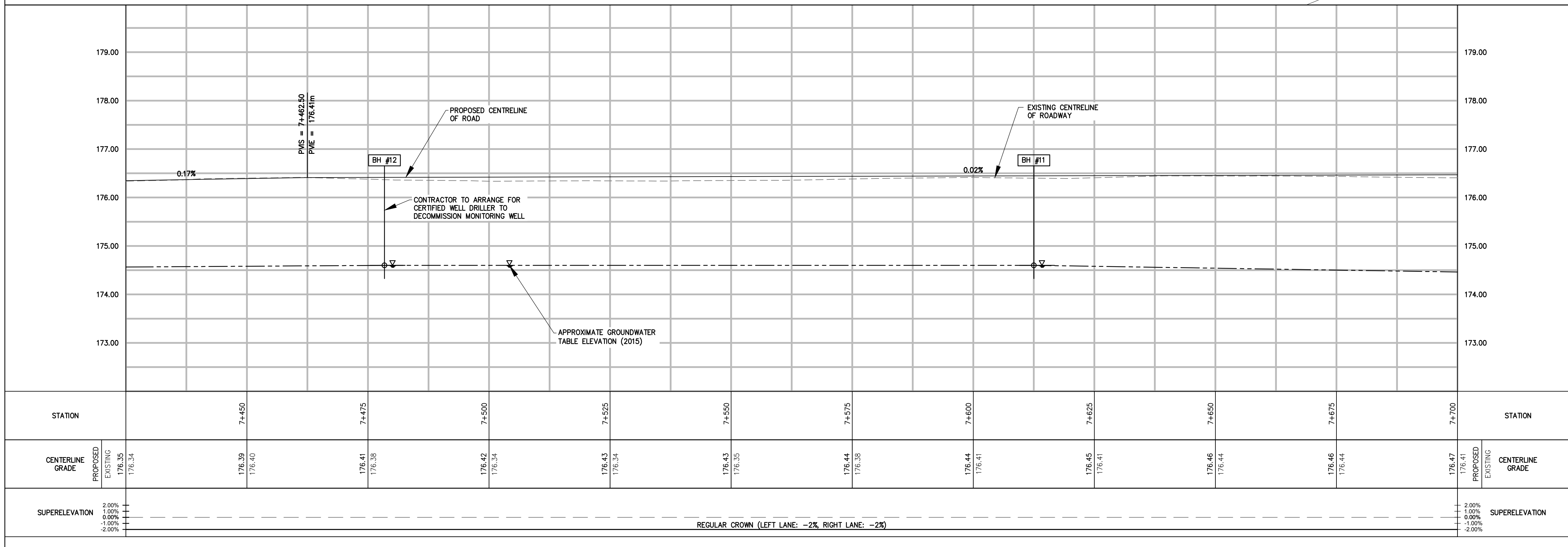
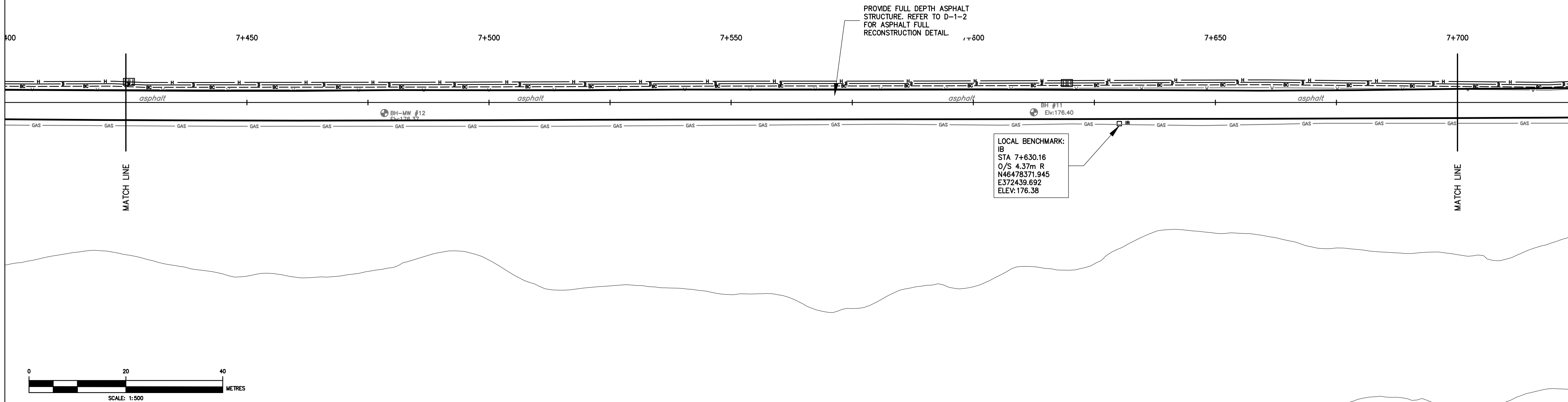
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drawing no.
dessiné no.

C-1-21

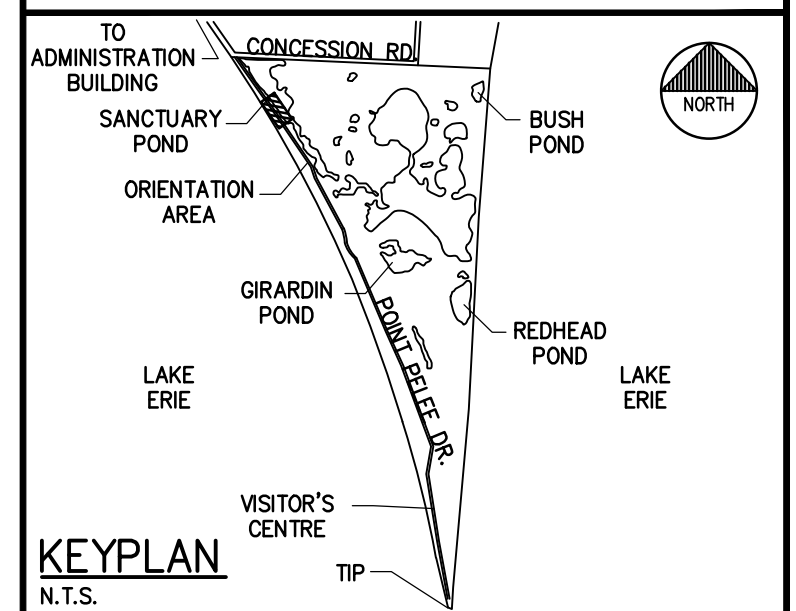


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Région de l'Ontario



LEGEND

DV	OVERHEAD WIRE TO BE REMOVED
GW • GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
B	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
AB	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
WV	EXISTING WATER VALVE
IB	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
HH	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
BC	NEW UNDERGROUND BELL CONDUIT
B	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
RR	ROAD REHABILITATION - MILLING
RR	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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project title
titre du projet

LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN ROADWORK RECAPITALIZATION

drawing title
titre du dessin

POINT PELEE DRIVE
PLAN & PROFILE
STA. 7+425 TO STA. 7+700

drawn by
dessiné par

J.AUCKLAND

designed by
conçu par

J.AUCKLAND

approved by
approuvé par

K.BOSSIE

bid
soumission

D.BANNON

project date
date du projet

2019-08-22

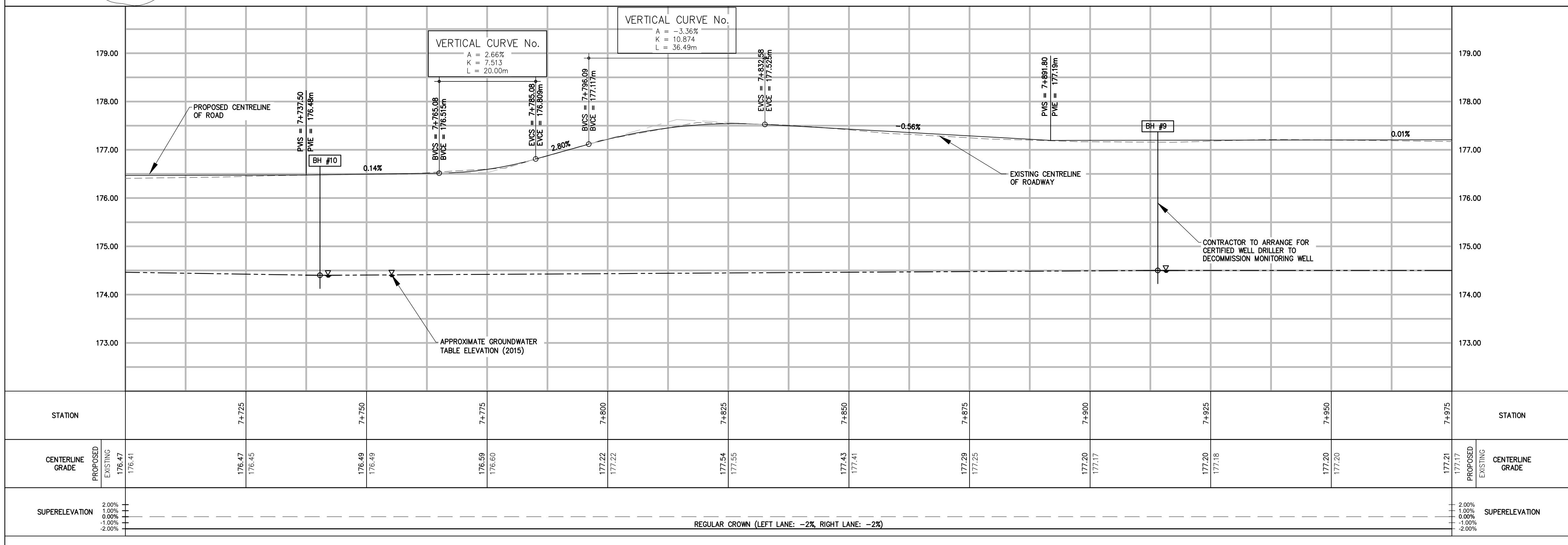
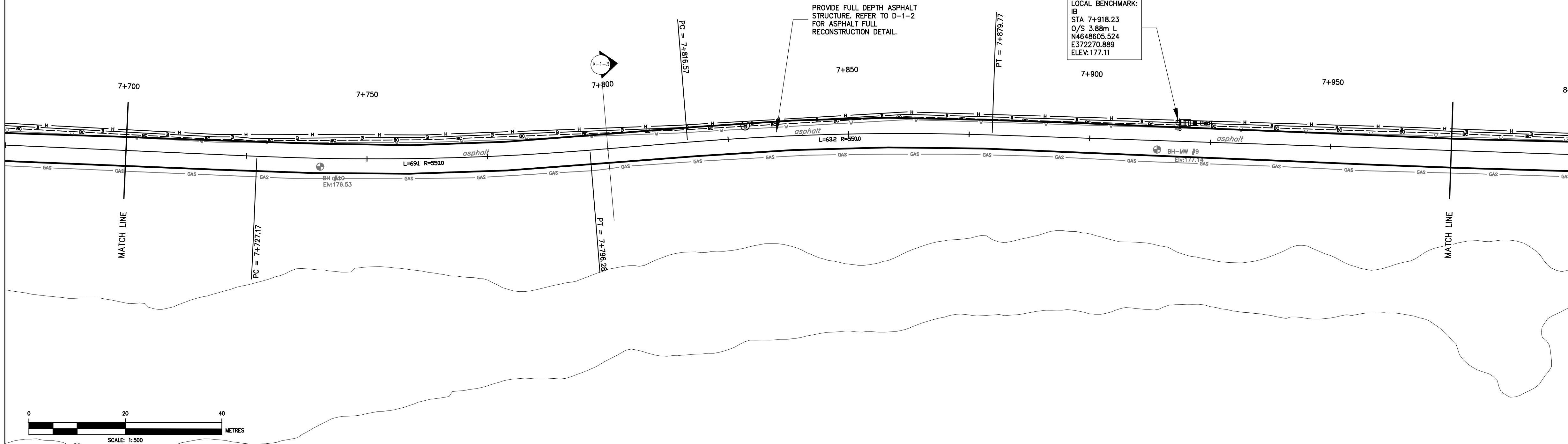
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R.077178.001

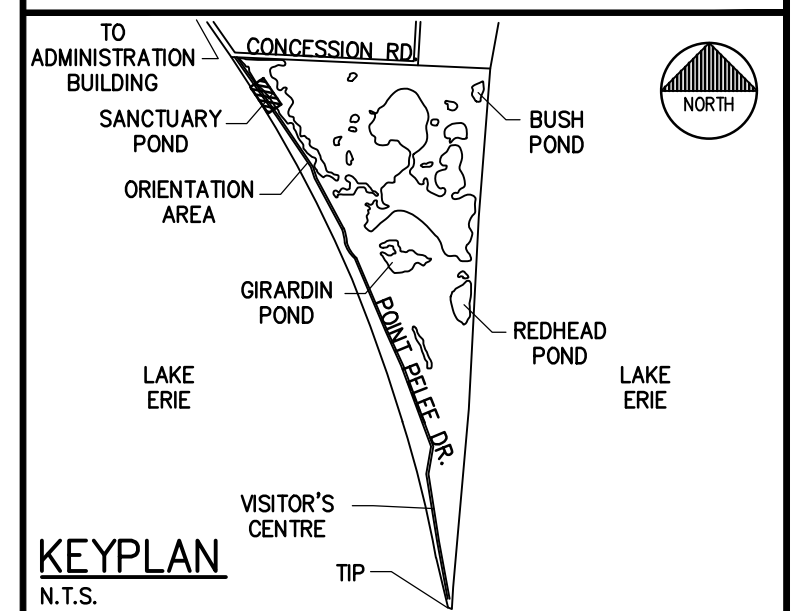
drawing no.
dessiné no.

C-1-22

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LEGEND

DV	OVERHEAD WIRE TO BE REMOVED
GW • GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
B	EXISTING UNDERGROUND BELL
PEDY	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
V	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
WV	EXISTING WATER VALVE
IB	EXISTING IRON BAR
TR	EXISTING SIGN
TR	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
SC	NEW SECTIONALIZER
TR	NEW TRANSFORMER
B	NEW BELL F.O. HANDWELL
PEDY	NEW BELL PEDESTAL
H	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
B	NEW UNDERGROUND BELL CONDUIT
B	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
R	ROAD REHABILITATION - MILLING
R	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 7+700 TO STA. 7+975

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

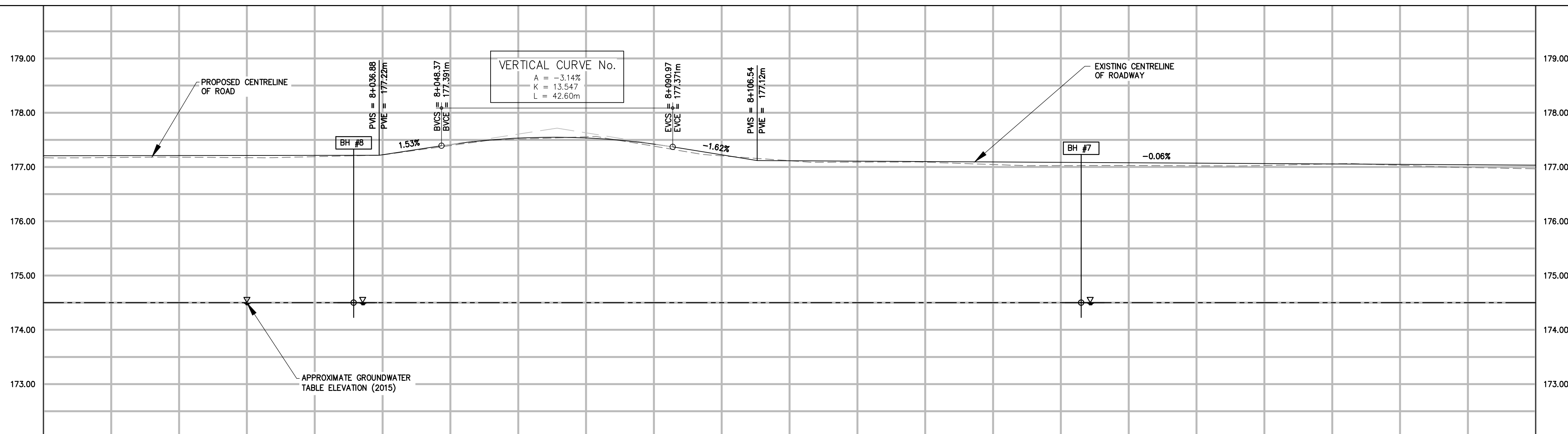
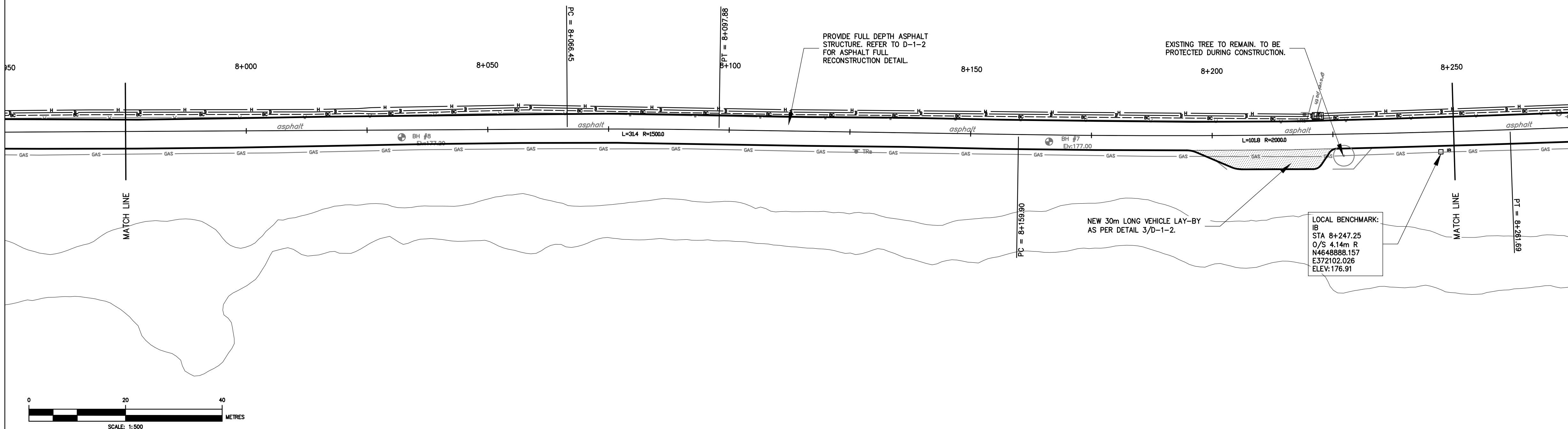
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date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-23



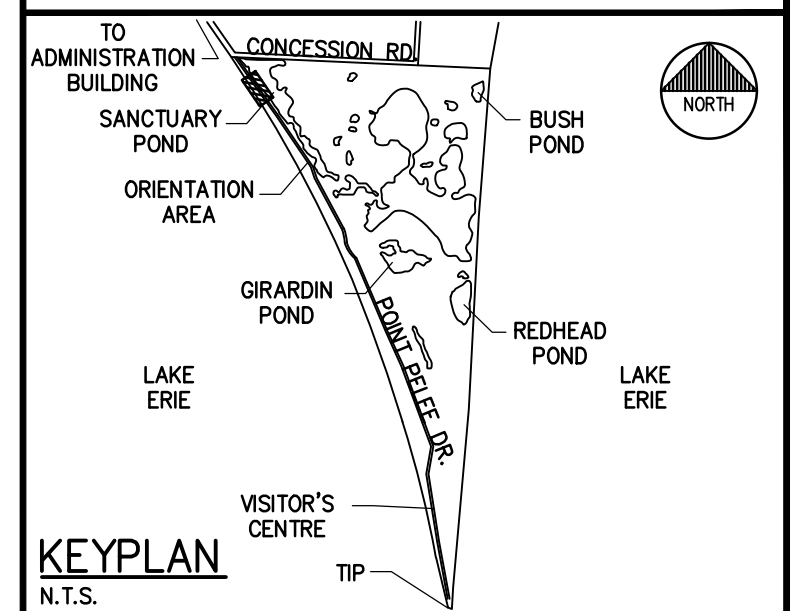
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STATION	8+000	8+025	8+050	8+075	8+100	8+125	8+150	8+175	8+200	8+225	8+250	STATION
CENTERLINE GRADE	PROPOSED 177.21 EXISTING 177.17	177.21 177.18	177.21 177.19	177.41 177.39	177.54 177.56	177.22 177.21	177.11 177.09	177.09 177.05	177.08 177.03	177.06 177.03	177.05 177.03	177.03 PROPOSED 176.97 EXISTING 177.03
SUPERELEVATION	2.00% 1.00% 0.00% -1.00% -2.00%											2.00% 1.00% 0.00% -1.00% -2.00%
REGULAR CROWN (LEFT LANE: -2%, RIGHT LANE: -2%)												SUPERELEVATION



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Architectural and Engineering Services
Ontario Region
Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



LEGEND

DV	OVERHEAD WIRE TO BE REMOVED
GW • GP • UPW •	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
B	EXISTING UNDERGROUND BELL
PEDT ■	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
W	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH •	EXISTING HYDRANT
W	EXISTING WATER VALVE
W	EXISTING IRON BAR
W	EXISTING SIGN
W	EXISTING BUILDING OUTLINE
CB ■	EXISTING CATCHBASIN
O	NEW BOLLARDS
■	NEW SECTIONALIZER
■	NEW TRANSFORMER
■	NEW BELL F.O. HANDWELL
PEDT ■	NEW BELL PEDESTAL
■	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
W	NEW UNDERGROUND BELL CONDUIT
W	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
■	ROAD REHABILITATION - MILLING
■	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN & PROFILE
STA. 7+975 TO STA. 8+250

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-24

THIS DRAWING INCLUDES CIVIL, ELECTRICAL, AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.

LOCAL BENCHMARK:
IB STA 8+247.25
O/S 4.14m R
N4648888.157
E372102.026
ELEV: 176.91

EXISTING 100mmØ GATE VALVE TO BE PROTECTED DURING CONSTRUCTION.

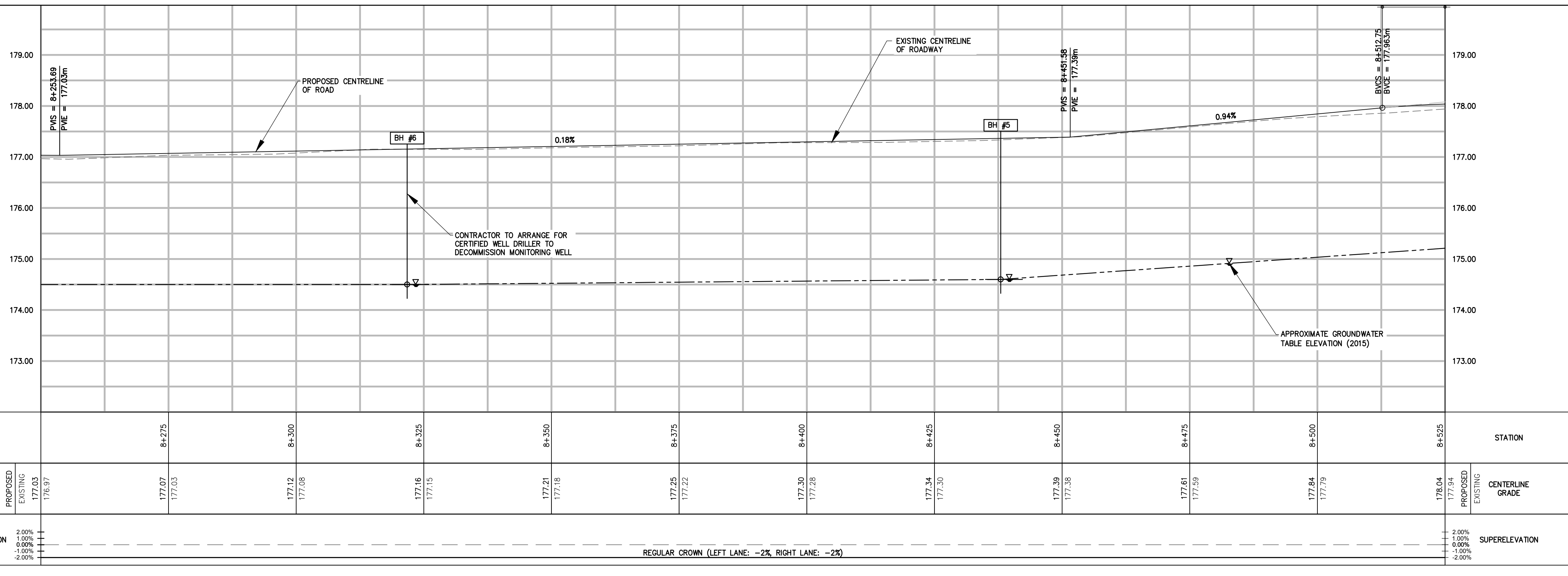
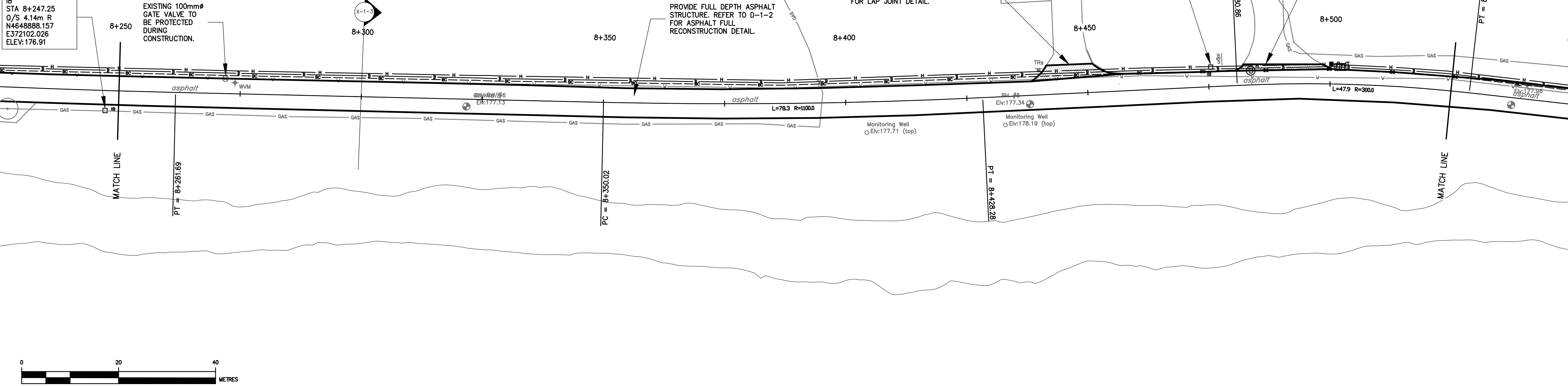
EXISTING OVERHEAD WIRES ALONG BEACH TO PARK ENTRANCE TO BE REMOVED BY HYDRO ONE AS SHOWN ON DRAWINGS R-1-1 AND R-1-2.

SAW CUT AND REMOVE ASPHALT AS REQUIRED TO INSTALL HYDRO AND BELL. REINSTATE TO MATCH EXISTING AND PROVIDE LAP JOINT AT INTERFACE. REFER TO D-1-2 FOR LAP JOINT DETAIL.

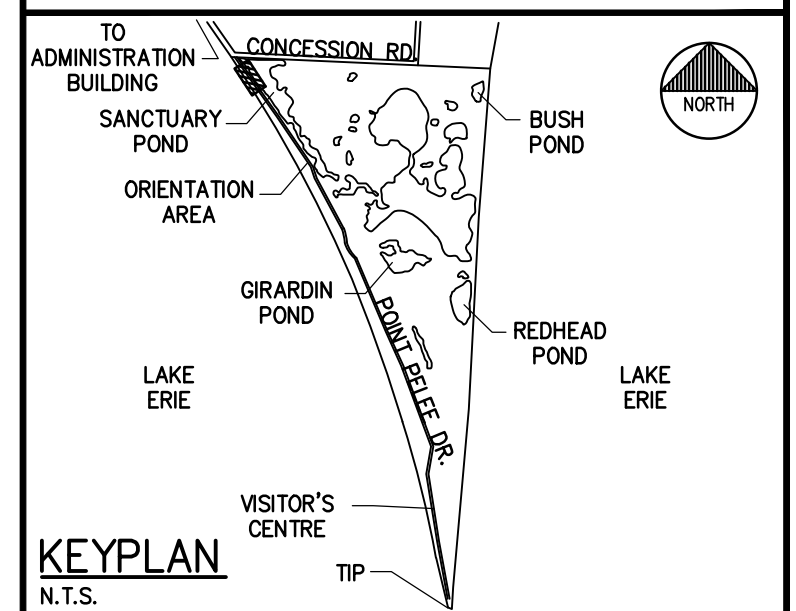
LOCAL BENCHMARK:
IB STA 8+475.55
O/S 4.05m L
N4649068.503
E371962.038
ELEV: 177.59

HYDRO ONE TO REMOVE POLES, WIRES, TRANSFORMERS, AND OTHER HYDRO ONE OWNED INFRASTRUCTURE FROM EXISTING PRIMARY METERING ENCLOSURE (PME) TO PARK ENTRANCE. REFER TO ELECTRICAL DRAWINGS, C-1-10, AND C-1-28 FOR LIMITS OF WORK TO BE COMPLETED BY HYDRO ONE. CONTRACTOR SHALL ACCOMMODATE THE SCHEDULING WINDOWS FOR ALL THIRD-PARTY SERVICE PROVIDERS AS SPECIFIED AND AS DIRECTED BY PARKS CANADA.

SAW CUT AND REMOVE ASPHALT AS REQUIRED TO INSTALL HYDRO AND BELL. REINSTATE TO MATCH EXISTING AND PROVIDE LAP JOINT AT INTERFACE. REFER TO D-1-2 FOR LAP JOINT DETAIL.



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LEGEND

OV	OVERHEAD WIRE TO BE REMOVED
GP	HYDRO FIXTURES TO BE REMOVED
UPW	EXISTING UNDERGROUND HYDRO
H	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mmØ GAS SERVICE
V	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
HH	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
BC	NEW UNDERGROUND BELL CONDUIT
B	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
RD	ROAD REHABILITATION - MILLING
RD	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

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PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 8+250 TO STA. 8+525

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project manager
administrateur de projets

project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-25

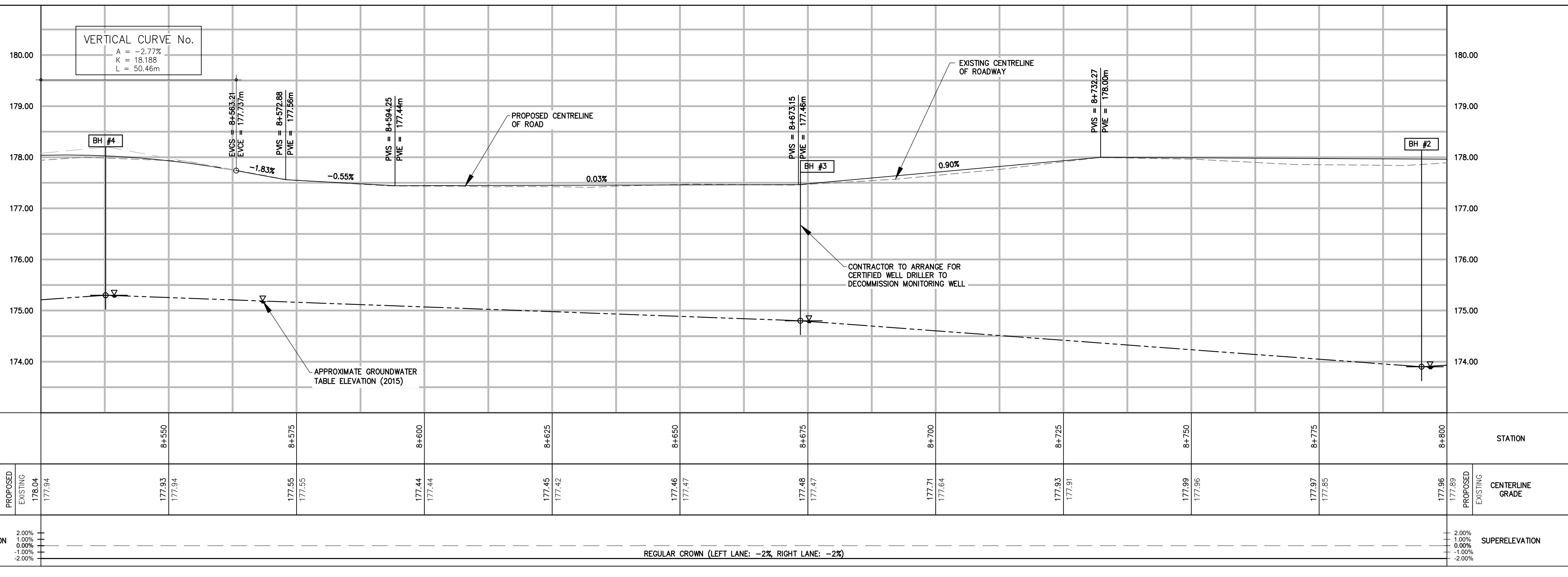
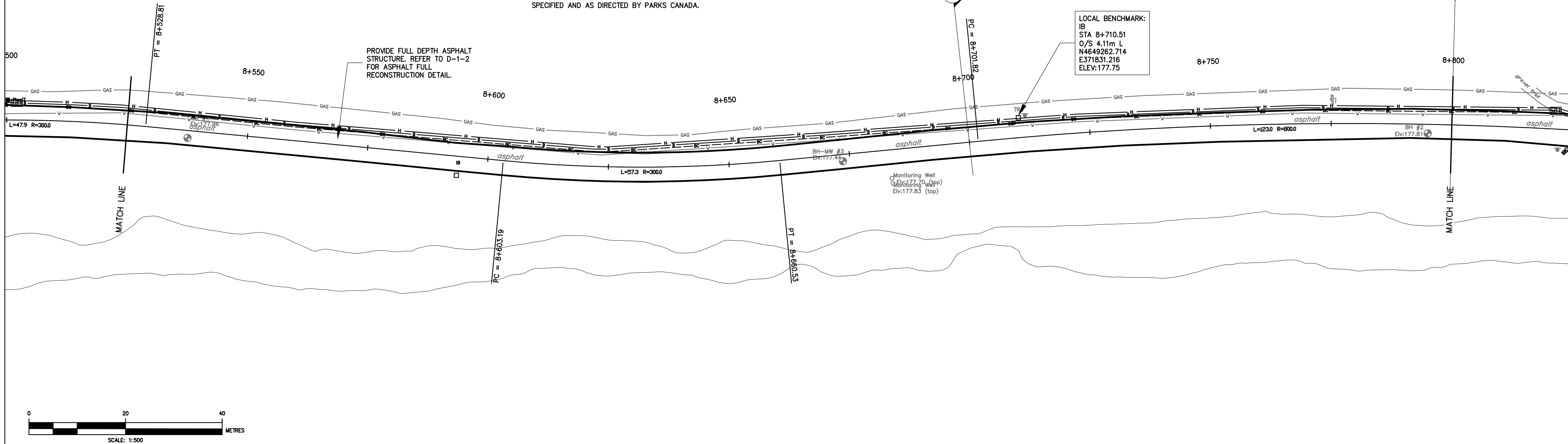


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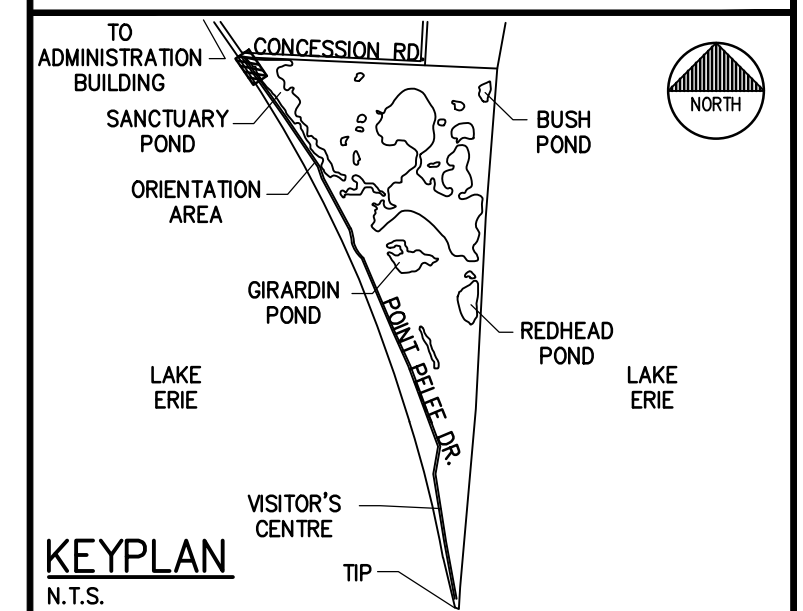
HYDRO ONE TO REMOVE POLES, WIRES, TRANSFORMERS, AND OTHER HYDRO ONE OWNED INFRASTRUCTURE FROM EXISTING PRIMARY METERING ENCLOSURE (PME) TO PARK ENTRANCE. REFER TO ELECTRICAL DRAWINGS, C-1-10, AND C-1-28 FOR LIMITS OF WORK TO BE COMPLETED BY HYDRO ONE. CONTRACTOR SHALL ACCOMMODATE THE SCHEDULING WINDOWS FOR ALL THIRD-PARTY SERVICE PROVIDERS AS SPECIFIED AND AS DIRECTED BY PARKS CANADA.

PROVIDE FULL DEPTH ASPHALT STRUCTURE. REFER TO D-1-2 FOR ASPHALT FULL RECONSTRUCTION DETAIL.

LOCAL BENCHMARK:
IB
STA 8+710.51
O/S 4.11m L
N4649262.714
E371831.216
ELEV: 177.75



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Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



LEGEND

GP	OVERHEAD WIRE TO BE REMOVED
GP	HYDRO FIXTURES TO BE REMOVED
GP	EXISTING UNDERGROUND HYDRO
GP	EXISTING UNDERGROUND BELL
GP	EXISTING BELL PEDESTAL
GP	EXISTING 50mm GAS SERVICE
GP	EXISTING WATERMAIN
GP	ABANDONED WATERMAIN
GP	EXISTING HYDRANT
GP	EXISTING WATER VALVE
GP	EXISTING IRON BAR
GP	EXISTING SIGN
GP	EXISTING BUILDING OUTLINE
GP	EXISTING CATCHBASIN
GP	NEW BOLLARDS
GP	NEW SECTIONALIZER
GP	NEW TRANSFORMER
GP	NEW BELL F.O. HANDWELL
GP	NEW BELL PEDESTAL
GP	NEW HYDRO HANDHOLE
GP	NEW DIRECT BURIED HYDRO
GP	NEW UNDERGROUND BELL CONDUIT
GP	NEW DIRECT BURIED BELL
GP	BOREHOLE LOCATION
GP	ROAD REHABILITATION - MILLING
GP	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the departmental representative of all discrepancies.

A	Detail No.
B	drawing no. - where detail required
C	dessin no. - où détail exigé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 8+525 TO STA. 8+800

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project date
date du projet
2019-08-22

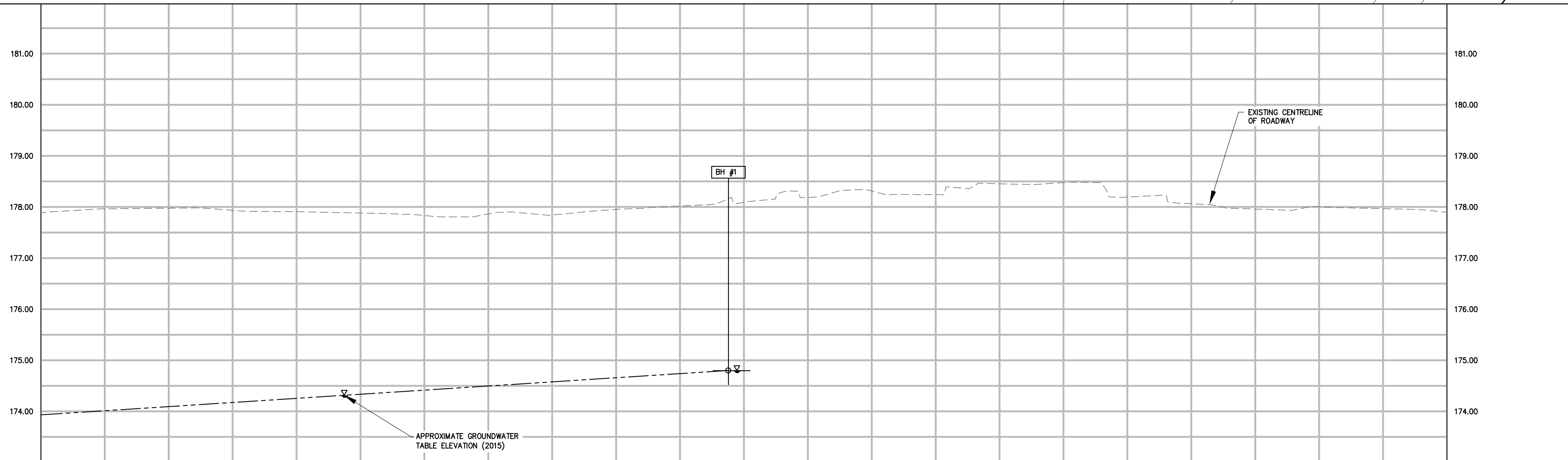
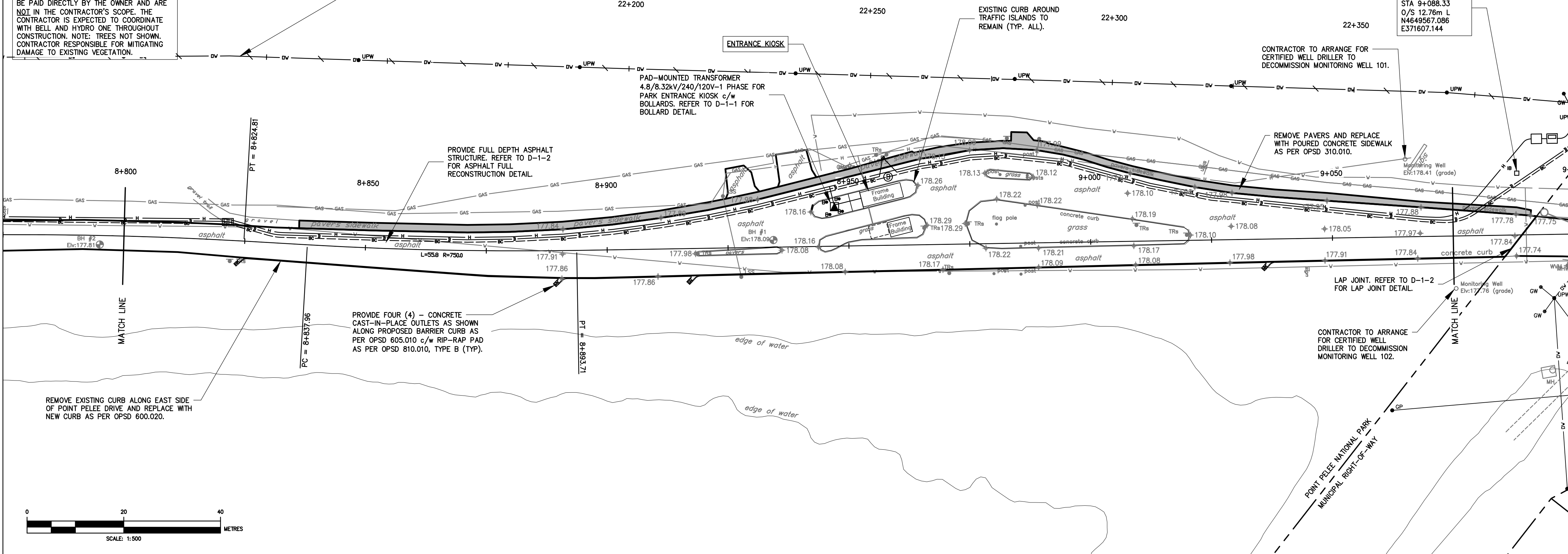
project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-26



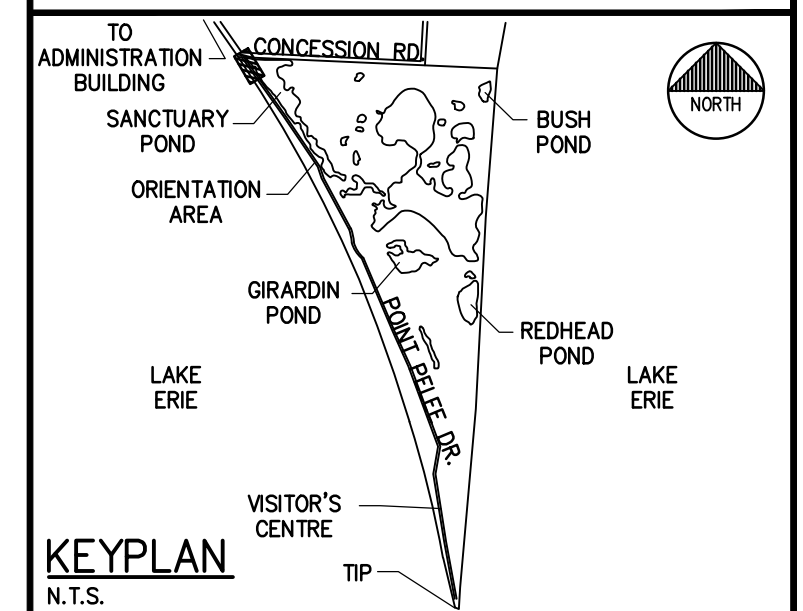
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HYDRO ONE TO REMOVE POLES, WIRES, TRANSFORMERS, AND OTHER HYDRO ONE OWNED INFRASTRUCTURE FROM EXISTING PRIMARY METERING ENCLOSURE (PME) TO PARK ENTRANCE. REFER TO ELECTRICAL DRAWINGS, C-1-10, AND C-1-28 FOR LIMITS OF WORK TO BE COMPLETED BY HYDRO ONE. CONTRACTOR SHALL ACCOMMODATE THE SCHEDULING WINDOWS FOR ALL THIRD-PARTY SERVICE PROVIDERS AS SPECIFIED AND AS DIRECTED BY PARKS CANADA.



STATION	8+825	8+850	8+875	8+900	8+925	8+950	8+975	9+000	9+025	9+050	9+075	STATION
CENTERLINE GRADE	177.95	177.98	177.93	177.91	177.92	177.83	177.91	177.84	178.08	178.02	178.26	178.18
PROPOSED	177.95	177.98	177.93	177.91	177.92	177.83	177.91	177.84	178.08	178.02	178.26	178.18
EXISTING	177.95	177.98	177.93	177.91	177.92	177.83	177.91	177.84	178.08	178.02	178.26	178.18

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Services gouvernementaux Canada
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Région de l'Ontario



LEGEND

GP	OVERHEAD WIRE TO BE REMOVED
GP	HYDRO FIXTURES TO BE REMOVED
UPW	EXISTING UNDERGROUND HYDRO
H	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
V	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TRs	EXISTING IRON BAR
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
▲	NEW SECTIONALIZER
▲	NEW TRANSFORMER
▲	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
▲	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
H	NEW UNDERGROUND BELL CONDUIT
H	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
///	ROAD REHABILITATION - MILLING
///	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

Do not scale drawings.
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A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
PLAN & PROFILE
STA. 8+800 TO STA. 9+075

drawn by
dessiné par
J.AUCKLAND

designed by
conc par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

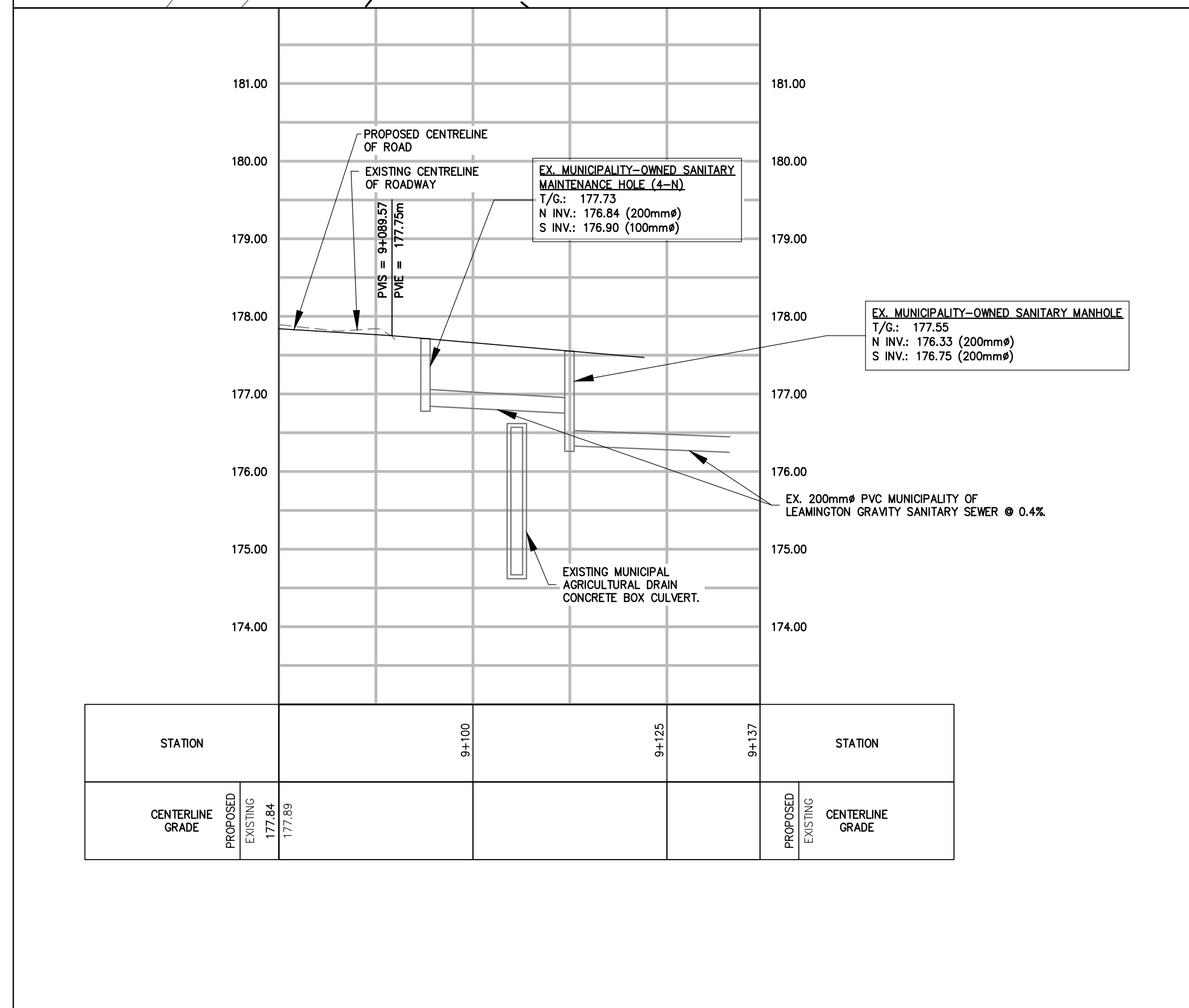
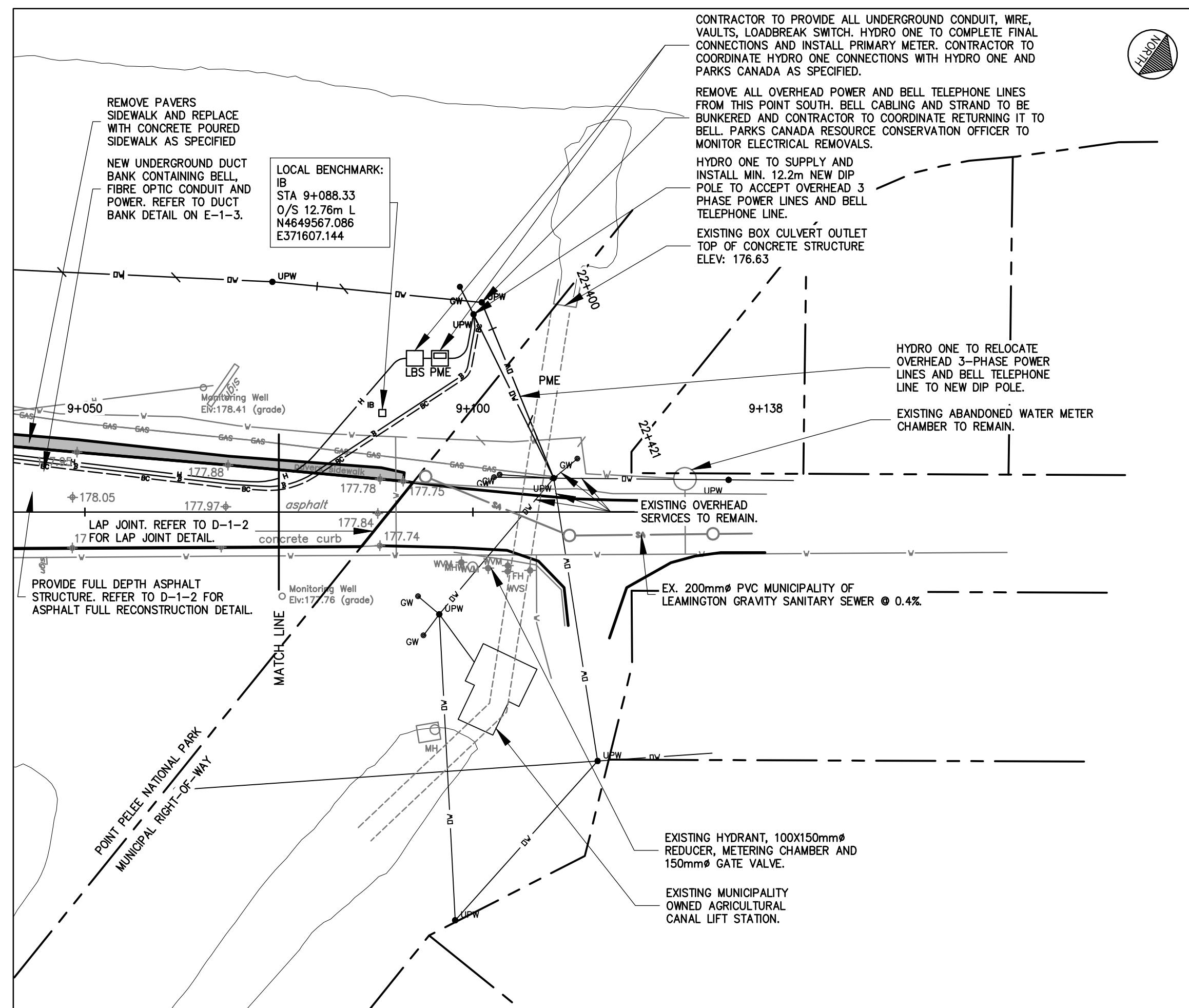
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
C-1-27

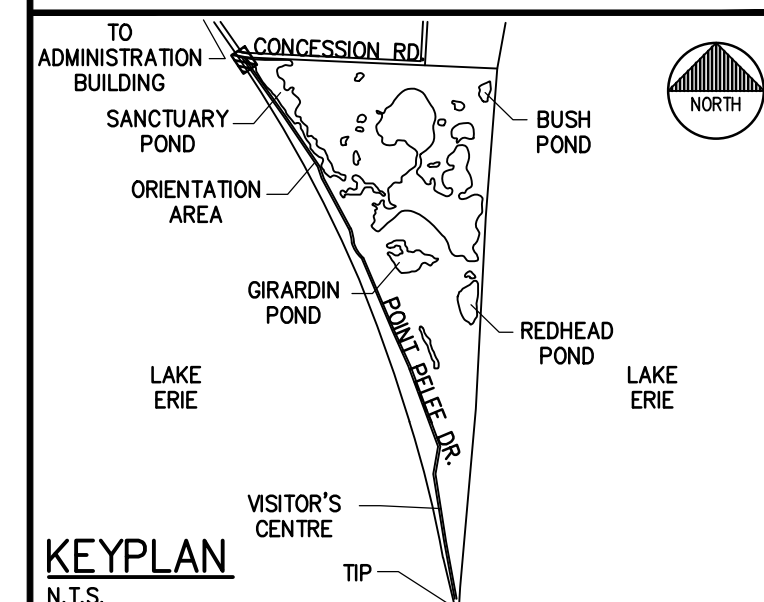


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Région de l'Ontario



LEGEND

GW • GP • UPW •	OVERHEAD WIRE TO BE REMOVED
H	HYDRO FIXTURES TO BE REMOVED
—	EXISTING UNDERGROUND HYDRO
—	EXISTING UNDERGROUND BELL
PEDT ■	EXISTING BELL PEDESTAL
—	EXISTING 50mm# GAS SERVICE
—	EXISTING WATERMAIN
—	ABANDONED WATERMAIN
FH •	EXISTING HYDRANT
□	EXISTING WATER VALVE
TR	EXISTING IRON BAR
—	EXISTING SIGN
—	EXISTING BUILDING OUTLINE
CB ■	EXISTING CATCHBASIN
○	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
⊙	NEW BELL F.O. HANDWELL
PEDT ■	NEW BELL PEDESTAL
—	NEW HYDRO HANDHOLE
—	NEW DIRECT BURIED HYDRO
—	NEW UNDERGROUND BELL CONDUIT
—	NEW DIRECT BURIED BELL
⊙	BOREHOLE LOCATION
—	ROAD REHABILITATION — MILLING
—	ROAD RECONSTRUCTION — FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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A	Detail No.
B	No. du détail
C	drawing no. — where detail required dessin no. — où détail exigé
C	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet

LEAMINGTON ONTARIO

PARKS CANADA

POINT PEELE NATIONAL PARK

OF CANADA

PC MAIN ROADWORK RECAPITALIZATION

drawing title
titre du dessin

POINT PEELE DRIVE

PLAN & PROFILE

STA. 9+075 TO STA. 9+138

drawn by
dessiné par

J.AUCKLAND

designed by
conc par

J.AUCKLAND

approved by
approuvé par

K.BOSSIE

bid
soumission

D.BANNON

project manager
administrateur de projets

project date
date du projet

2019-08-22

project no.
no. du projet

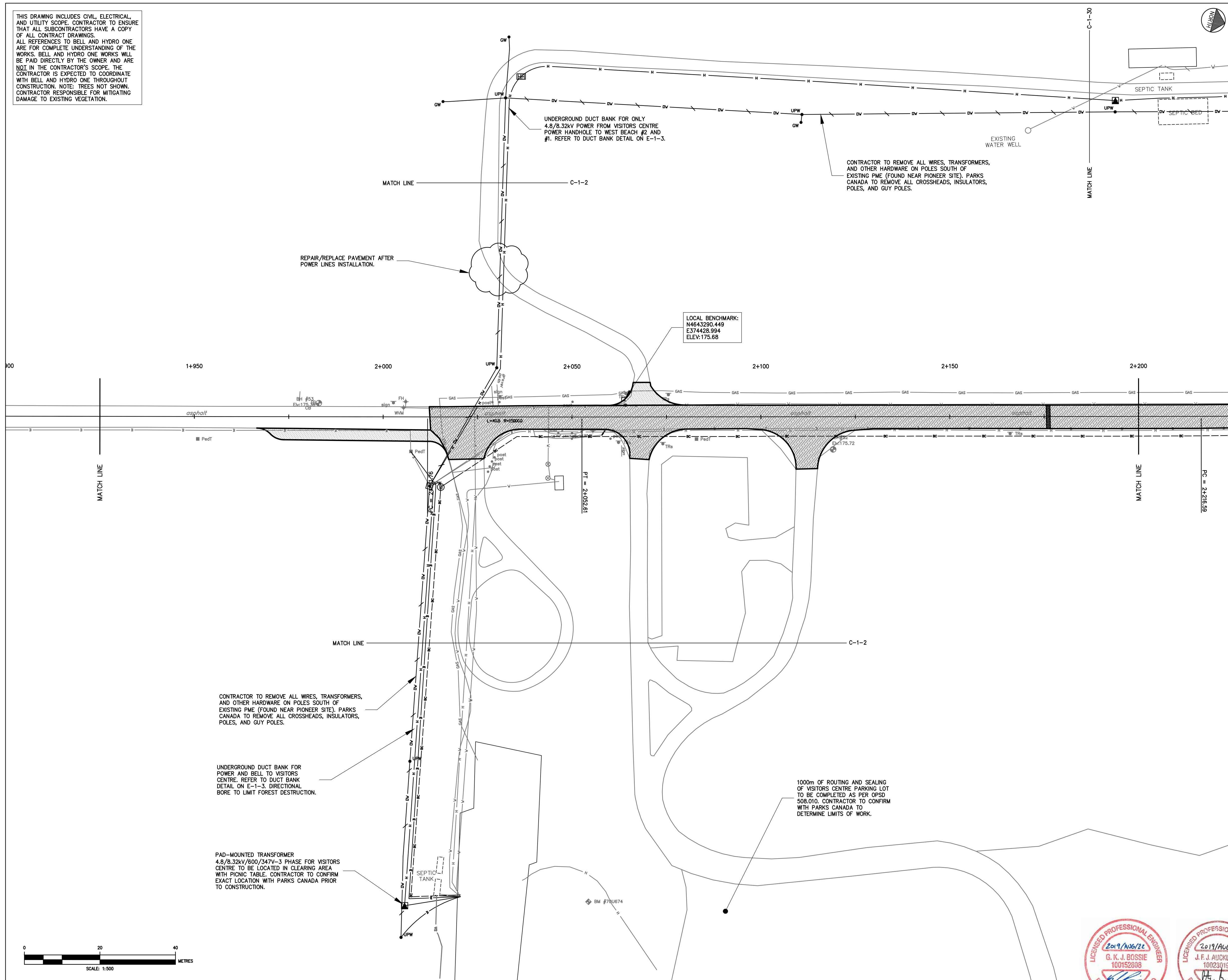
R.077178.001

drawing no.
dessiné no.

C-1-28



THIS DRAWING INCLUDES CIVIL, ELECTRICAL, AND UTILITY SCOPE. CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS HAVE A COPY OF ALL CONTRACT DRAWINGS. ALL REFERENCES TO BELL AND HYDRO ONE ARE FOR COMPLETE UNDERSTANDING OF THE WORKS. BELL AND HYDRO ONE WORKS WILL BE PAID DIRECTLY BY THE OWNER AND ARE NOT IN THE CONTRACTOR'S SCOPE. THE CONTRACTOR IS EXPECTED TO COORDINATE WITH BELL AND HYDRO ONE THROUGHOUT CONSTRUCTION. NOTE: TREES NOT SHOWN. CONTRACTOR RESPONSIBLE FOR MITIGATING DAMAGE TO EXISTING VEGETATION.

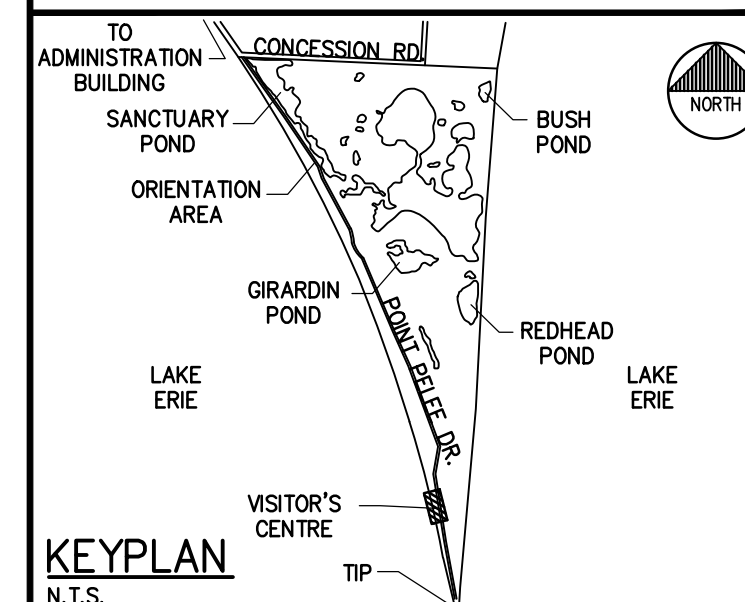


0 20 40 METRES
SCALE: 1:500



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Government Services Canada
Architectural and Engineering Services
Ontario Region

Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



LEGEND

GP	OVERHEAD WIRE TO BE REMOVED
UPW	HYDRO FIXTURES TO BE REMOVED
H	EXISTING UNDERGROUND HYDRO
B	EXISTING UNDERGROUND BELL
PEDT	EXISTING BELL PEDESTAL
GAS	EXISTING 50mm GAS SERVICE
V	EXISTING WATERMAIN
W	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
WV	EXISTING WATER VALVE
IB	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
CB	EXISTING CATCHBASIN
O	NEW BOLLARDS
CS	NEW SECTIONALIZER
CS	NEW TRANSFORMER
CS	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
CS	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
B	NEW UNDERGROUND BELL CONDUIT
B	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
SR	ROAD REHABILITATION - MILLING
FR	ROAD RECONSTRUCTION - FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN
STA. 1+925 TO STA. 2+200

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
J.AUCKLAND

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON project manager
administrateur de projets

project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

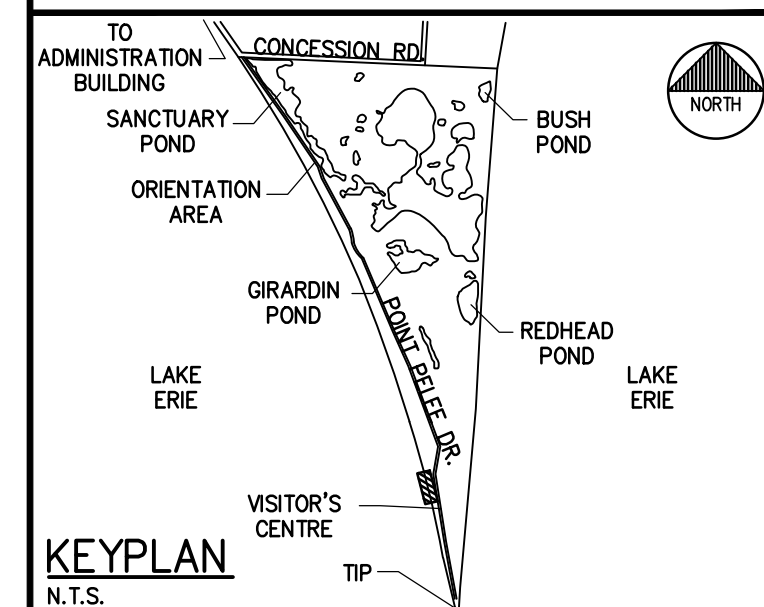
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dessiné no.
C-1-29



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Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario

**LEGEND**

OW • GP • UPW •	OVERHEAD WIRE TO BE REMOVED
H	HYDRO FIXTURES TO BE REMOVED
—	EXISTING UNDERGROUND HYDRO
PEDT	EXISTING UNDERGROUND BELL
GAS	EXISTING BELL PEDESTAL
—	EXISTING 50mmØ GAS SERVICE
—	EXISTING WATERMAIN
—	ABANDONED WATERMAIN
FH	EXISTING HYDRANT
IB	EXISTING WATER VALVE
TR	EXISTING IRON BAR
TR	EXISTING SIGN
CB	EXISTING BUILDING OUTLINE
O	EXISTING CATCHBASIN
□	NEW BOLLARDS
□	NEW SECTIONALIZER
▲	NEW TRANSFORMER
Ⓢ	NEW BELL F.O. HANDWELL
PEDT	NEW BELL PEDESTAL
—	NEW HYDRO HANDHOLE
H	NEW DIRECT BURIED HYDRO
—	NEW UNDERGROUND BELL CONDUIT
—	NEW DIRECT BURIED BELL
BH	BOREHOLE LOCATION
—	ROAD REHABILITATION — MILLING
—	ROAD RECONSTRUCTION — FULL

REFER TO TYPICAL ROAD CROSS SECTIONS ON D-1-2

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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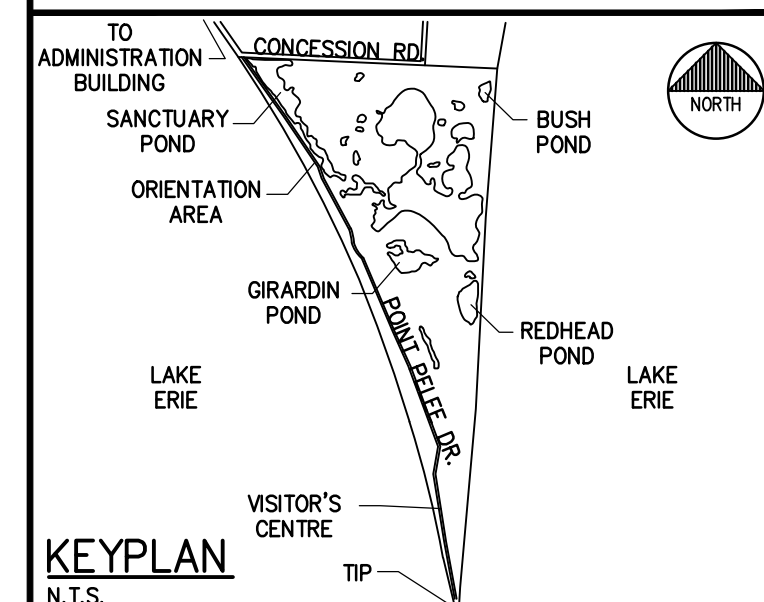
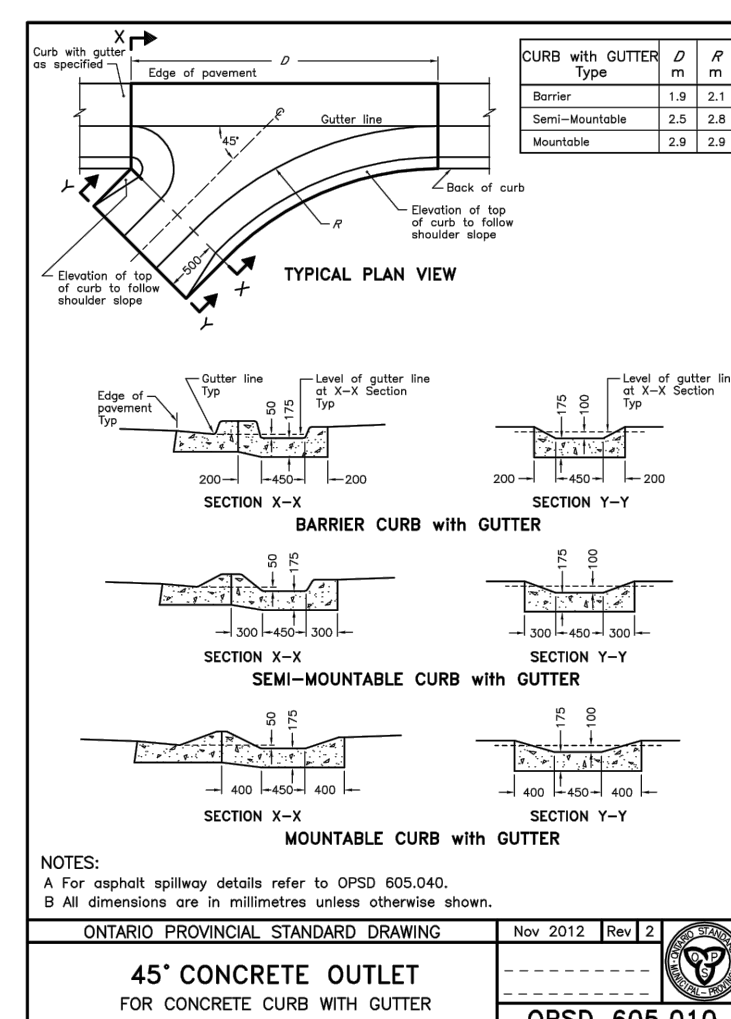
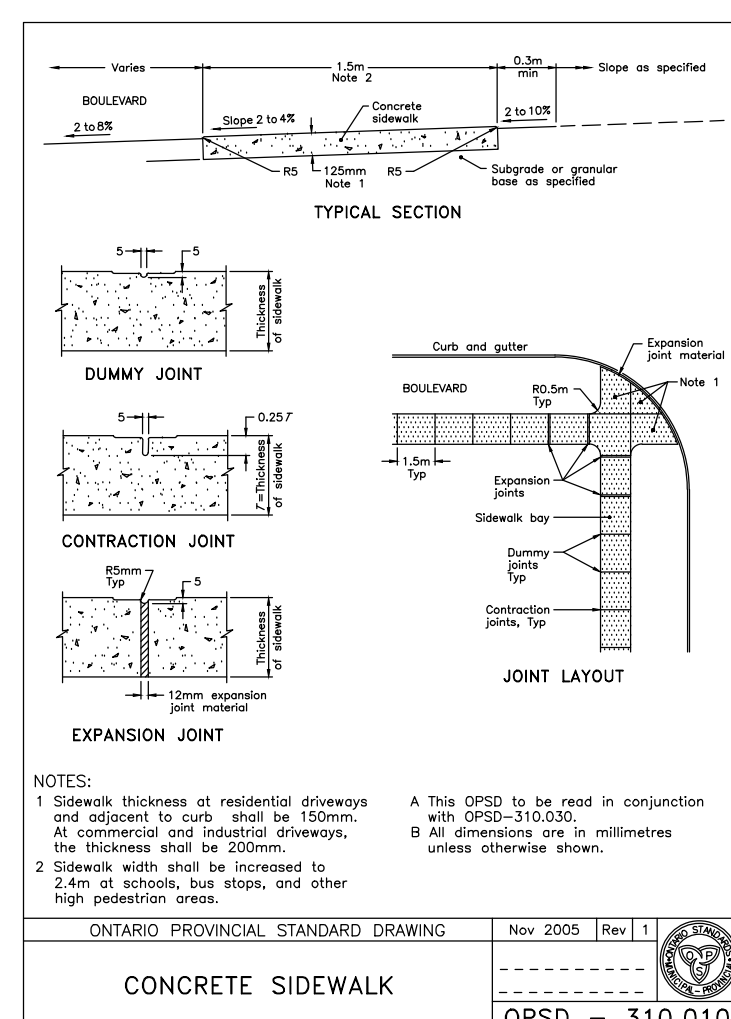
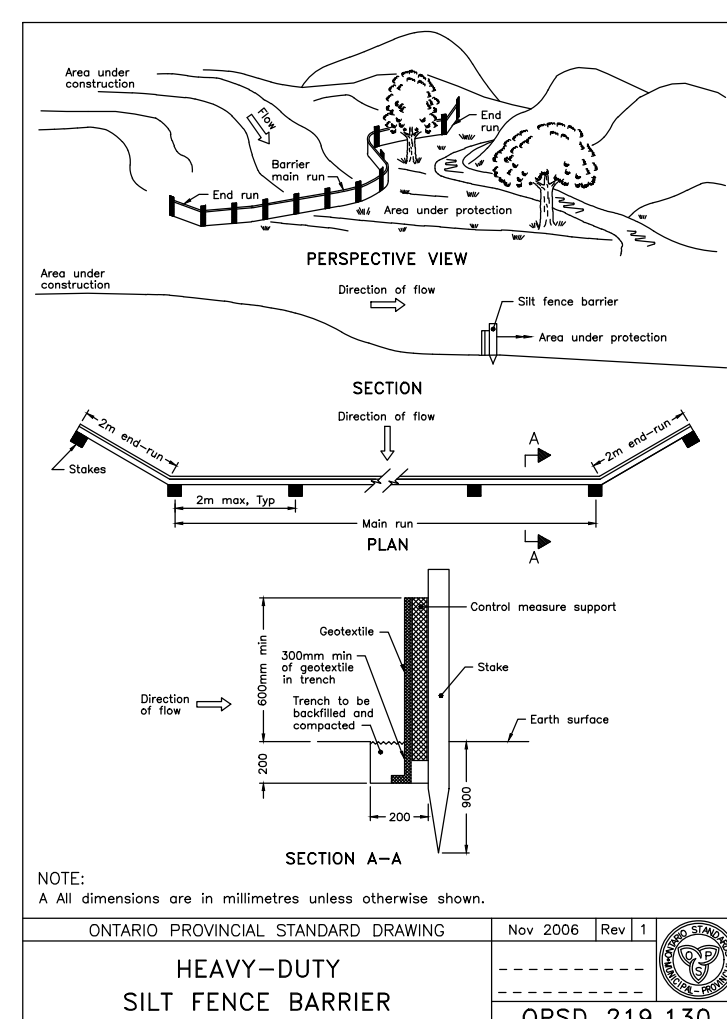
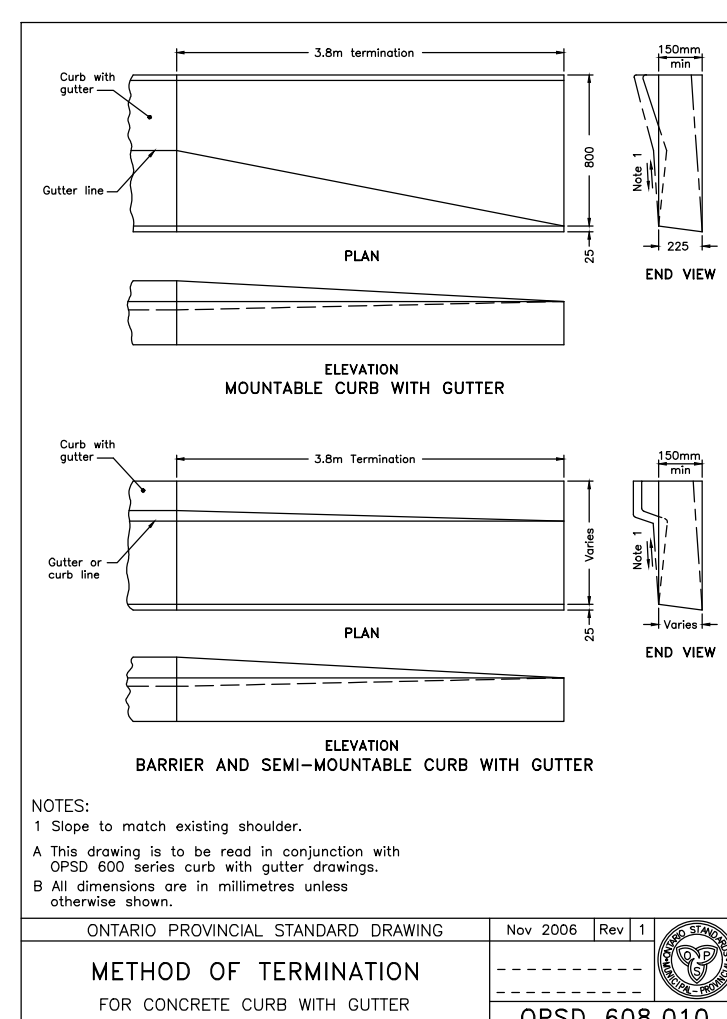
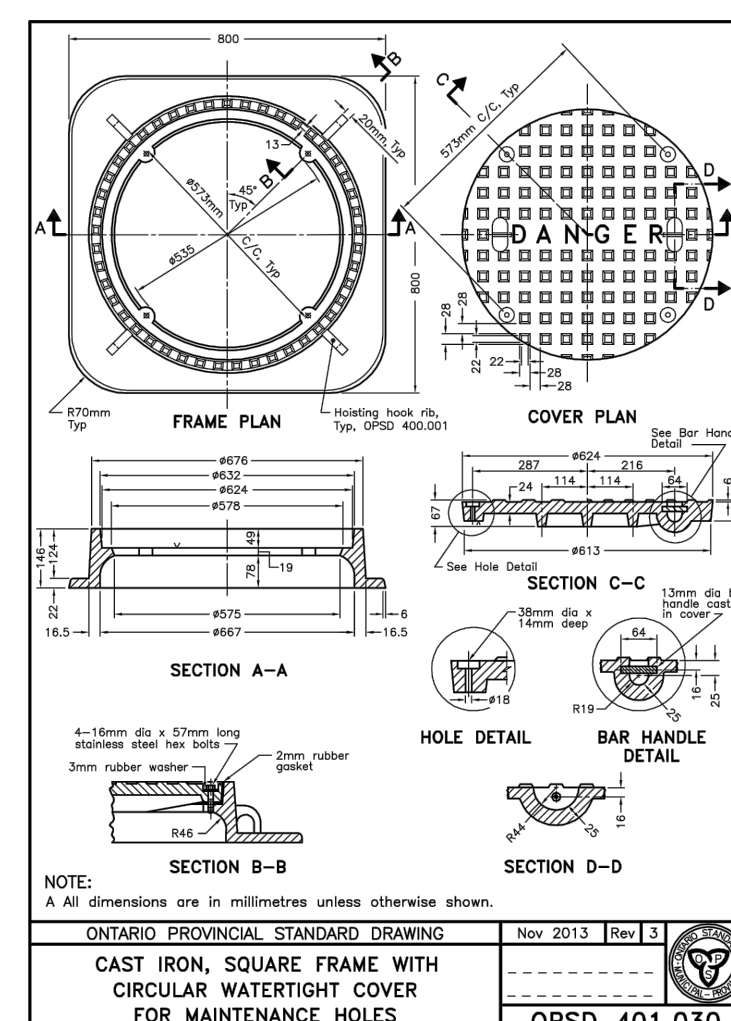
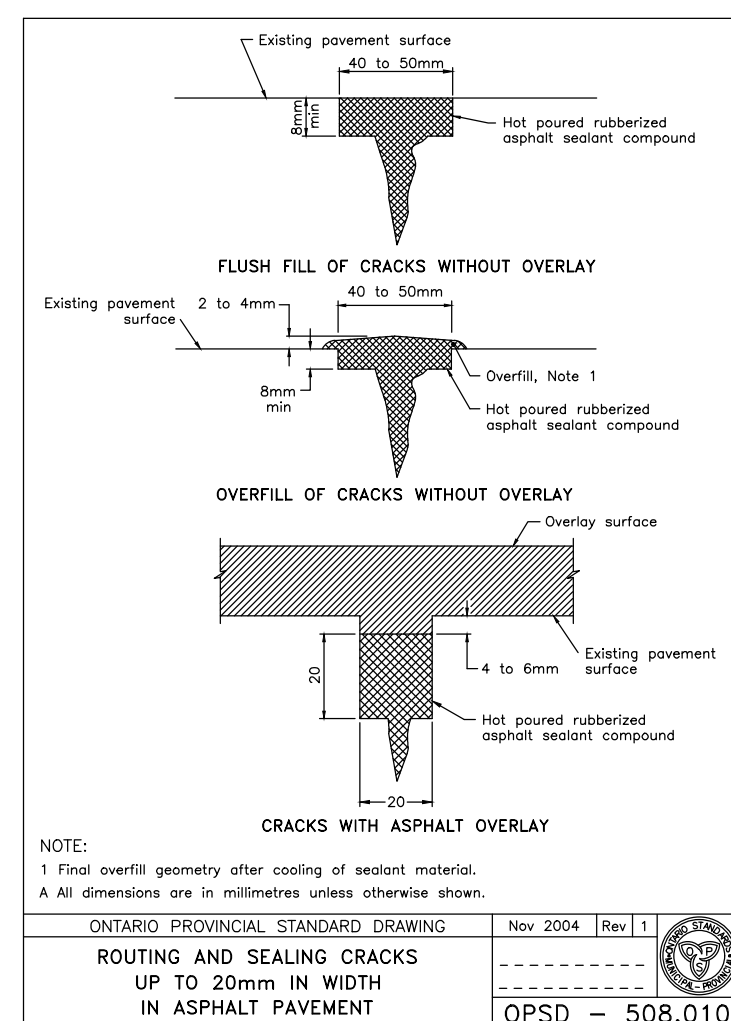
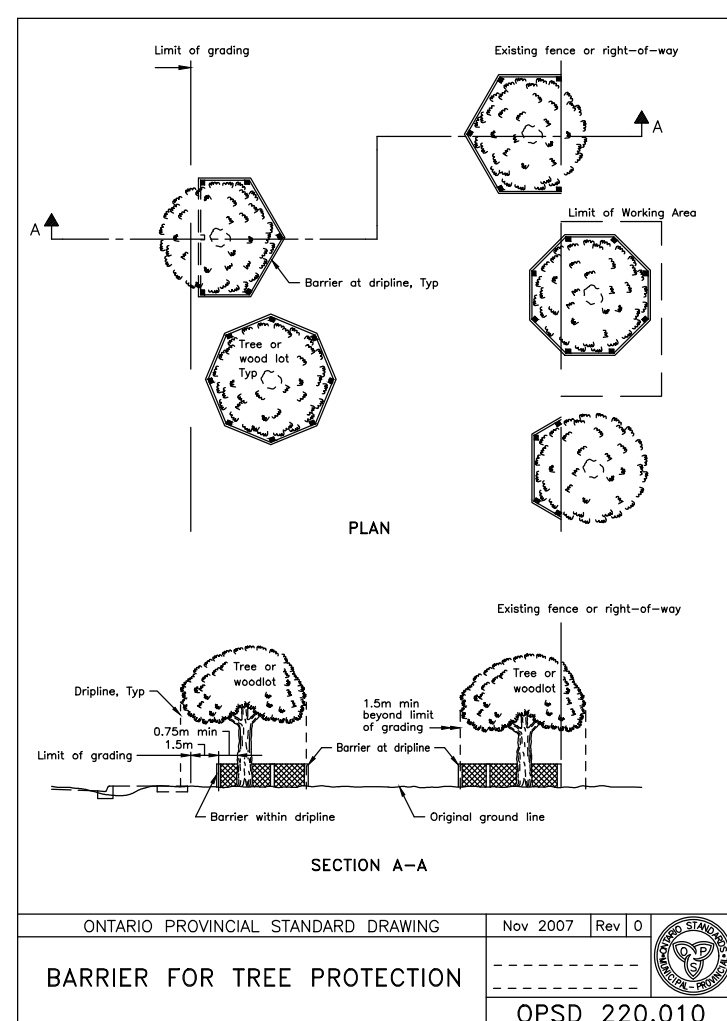
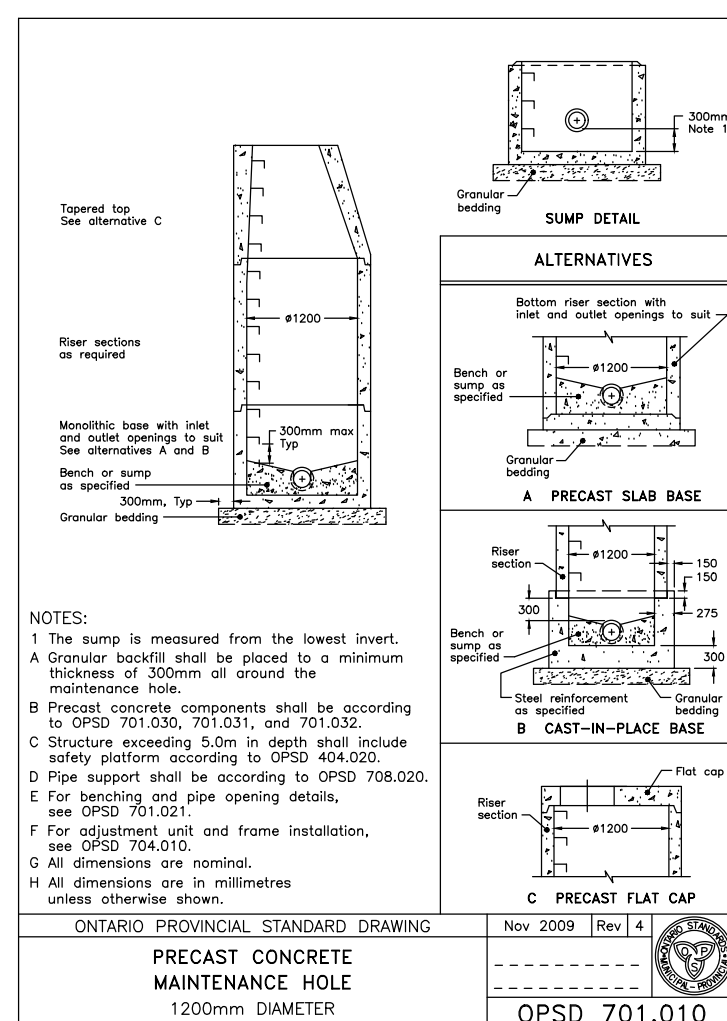
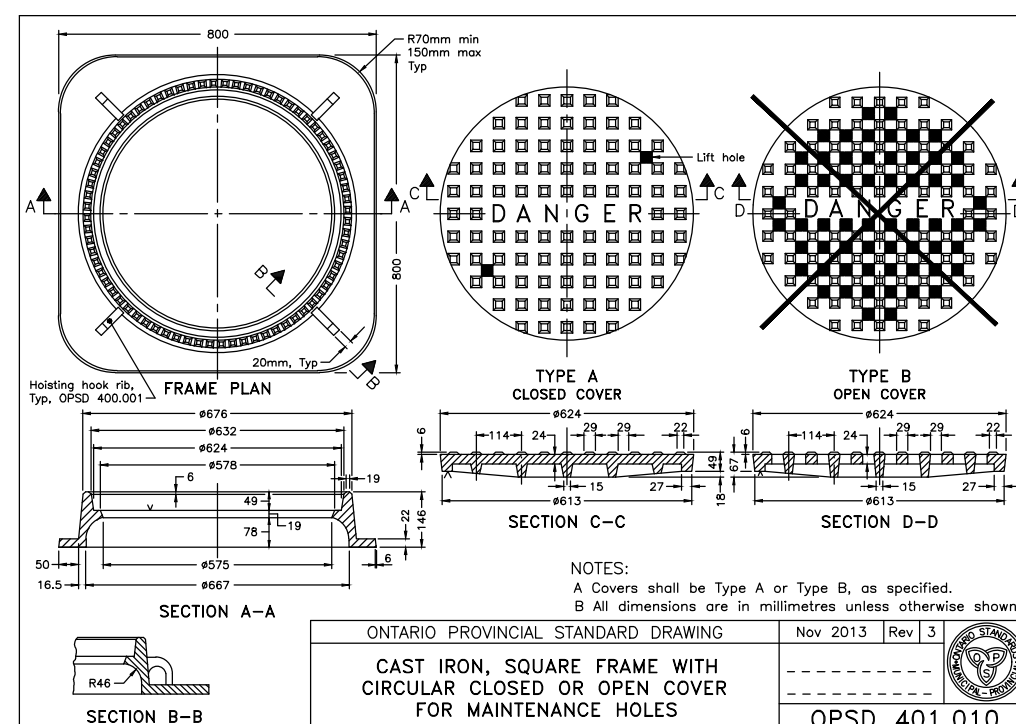
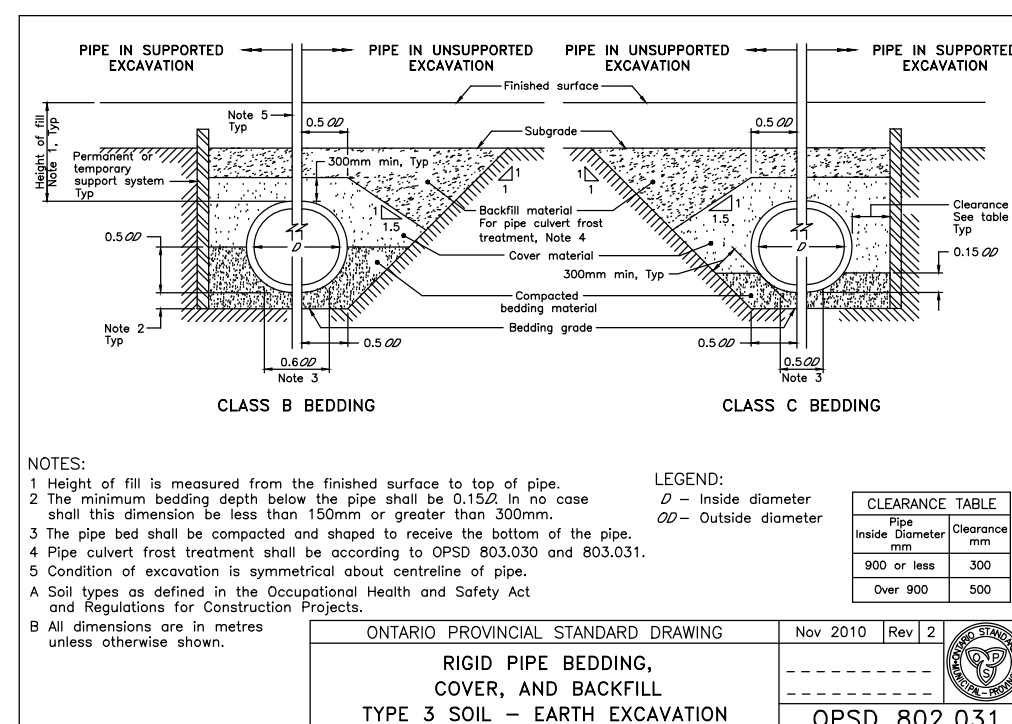
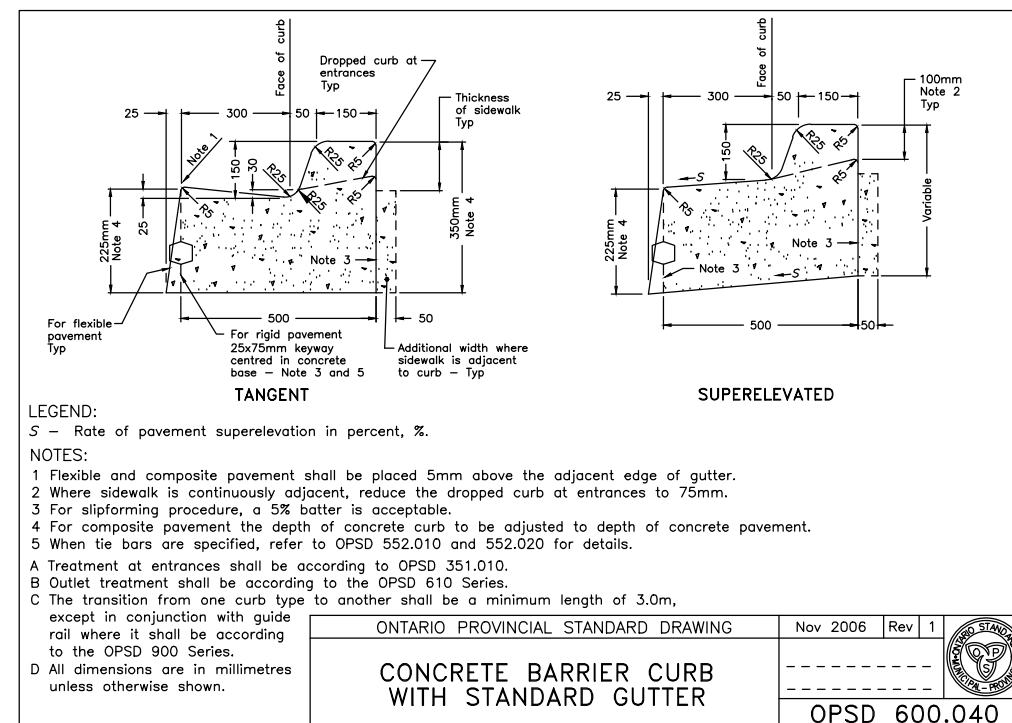
A	Detail No.
B	No. du détail
C	drawing no. — where detail required dessin no. — où détail exigé
C	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
PLAN
STA. 2+200 TO STA. 2+450

drawn by dessiné par	J.AUCKLAND
designed by conc par	J.AUCKLAND
approved by approuvé par	K.BOSSIE
bid soumission	D.BANNON
project manager administrateur de projets	
project date date du projet	2019-08-22
project no. no. du projet	R.077178.001
drawing no. dessiné no.	C-1-30





LEGEND

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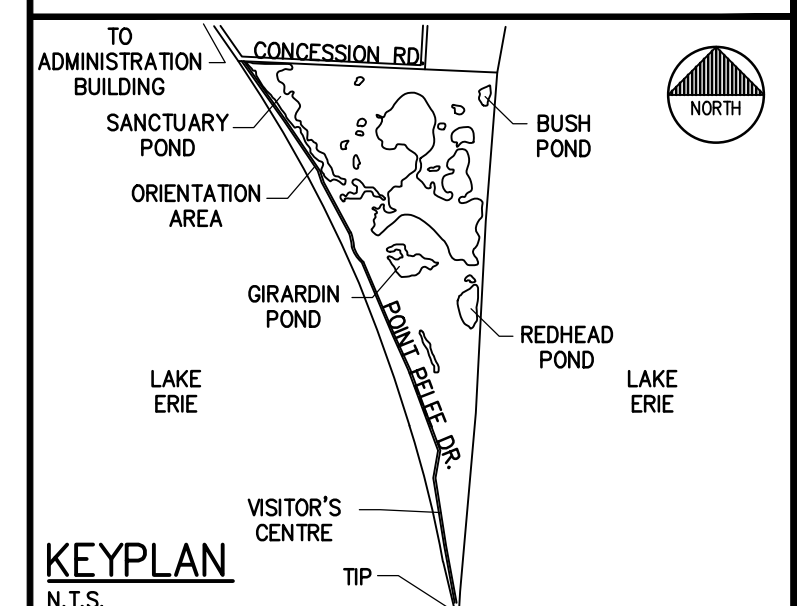
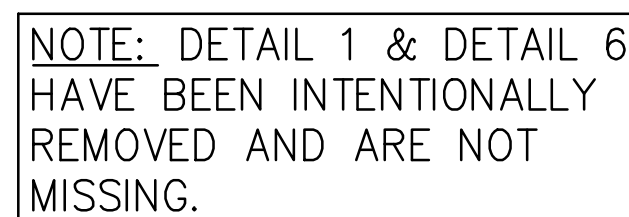
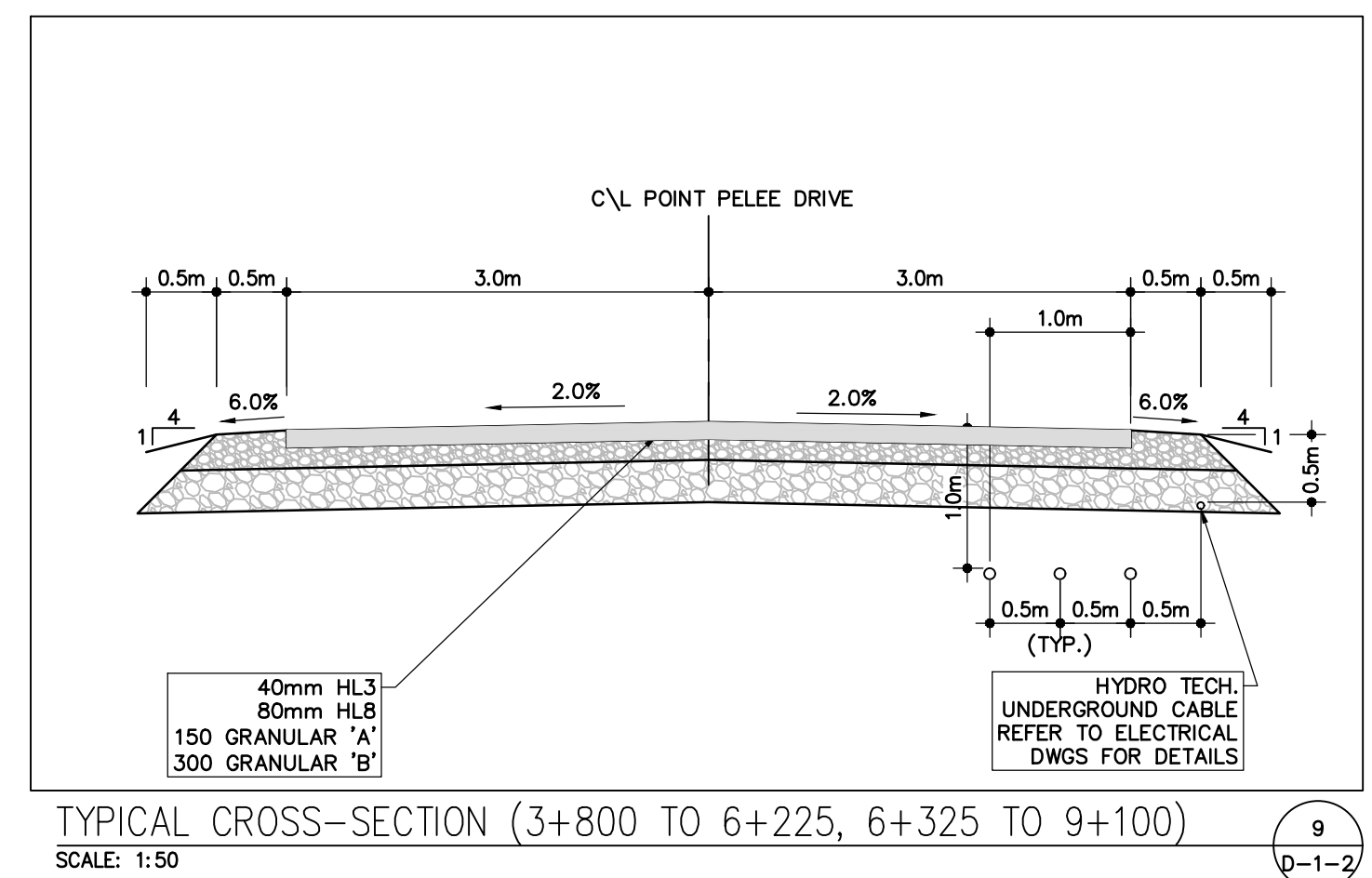
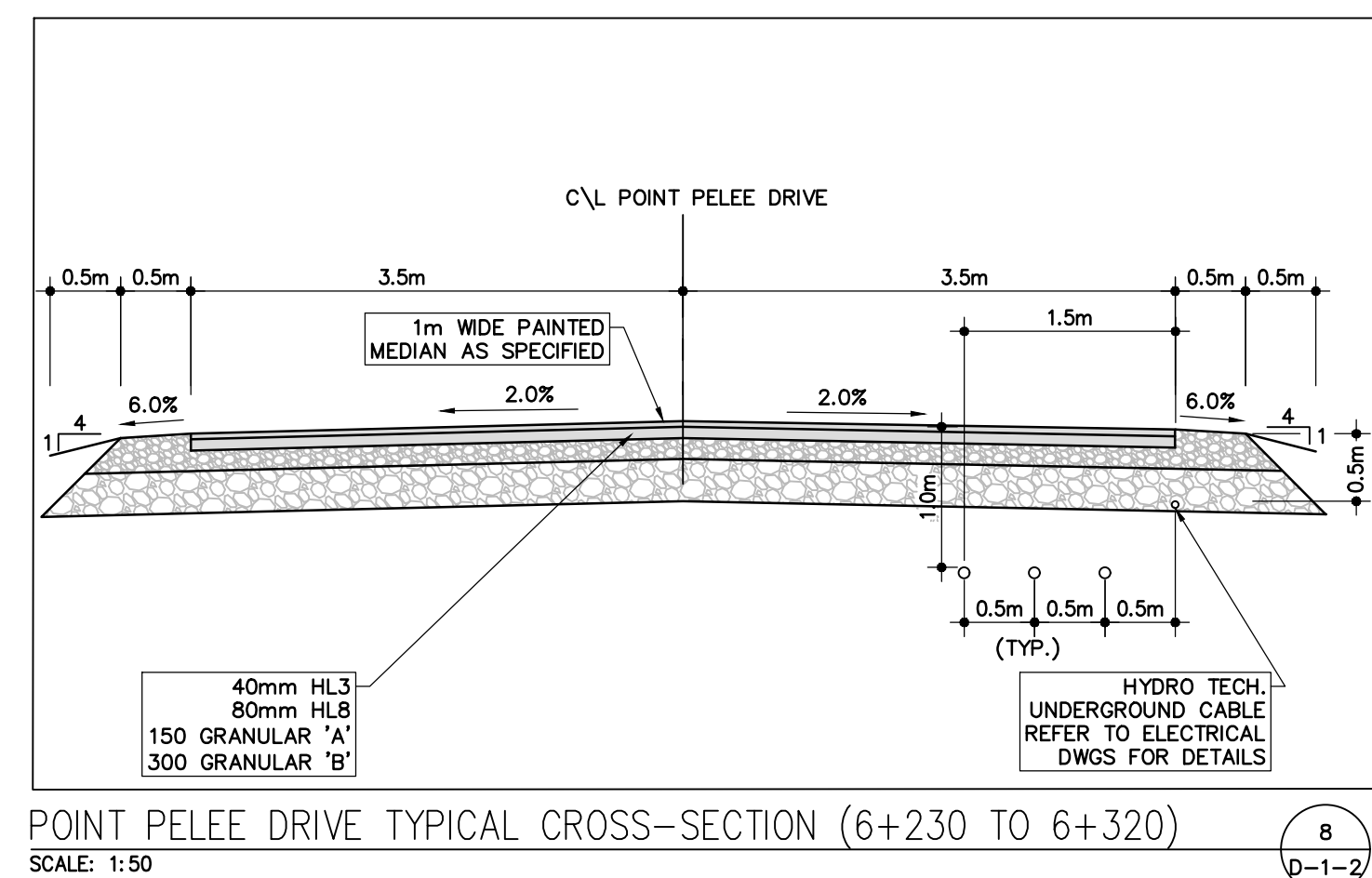
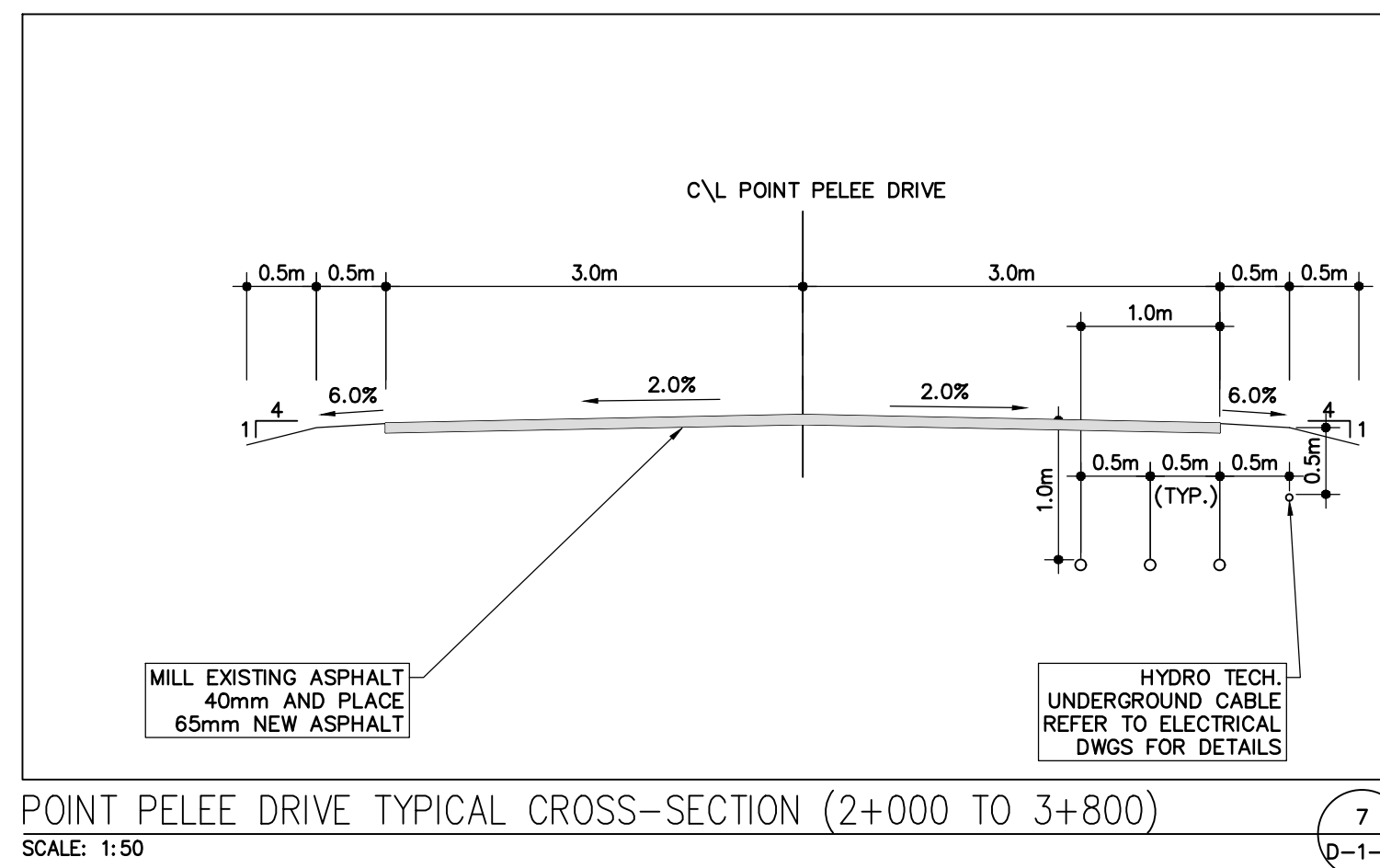
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N.T.S.



LEGEND

THIS DRAWING INCLUDES CIVIL, ELECTRICAL,
AND UTILITY SCOPE. CONTRACTOR TO ENSURE
THAT ALL SUBCONTRACTORS HAVE A COPY
OF ALL CONTRACT DRAWINGS.

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

 A Detail No.
No. du détail

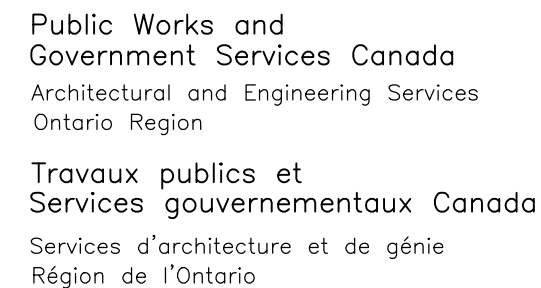
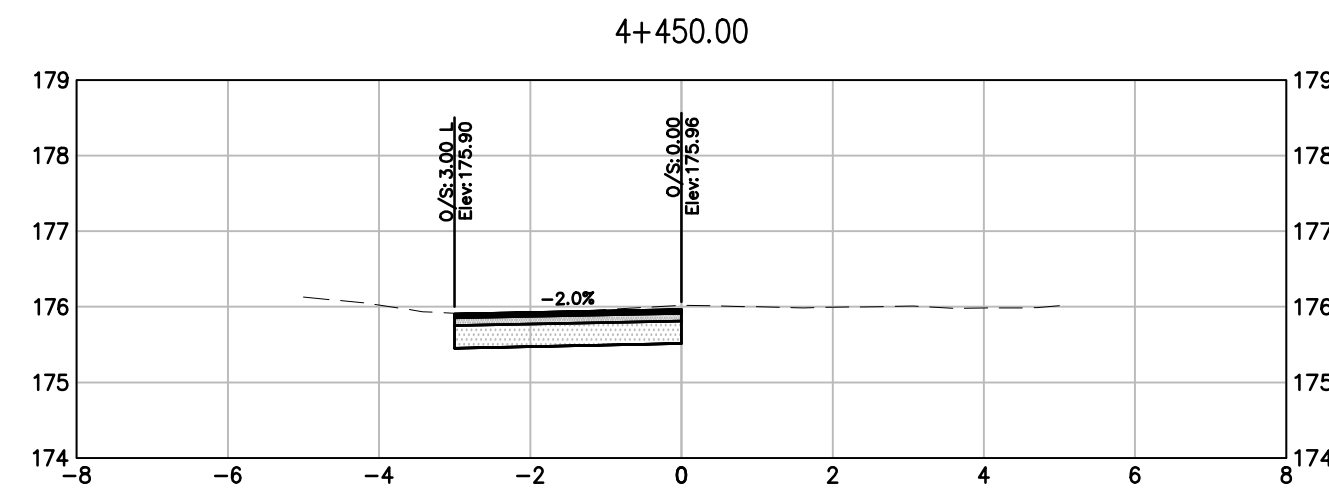
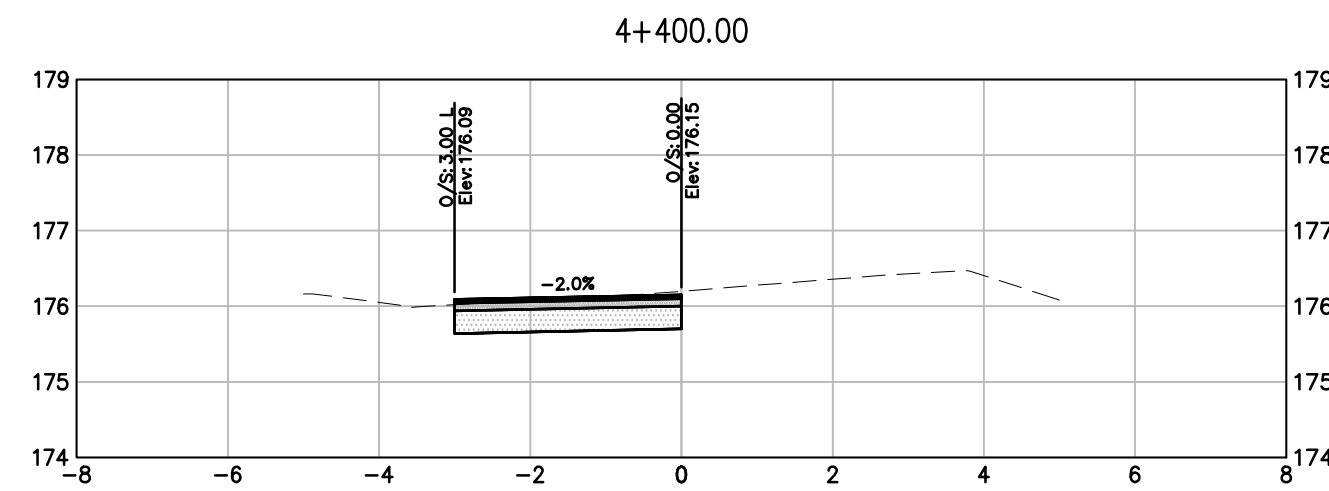
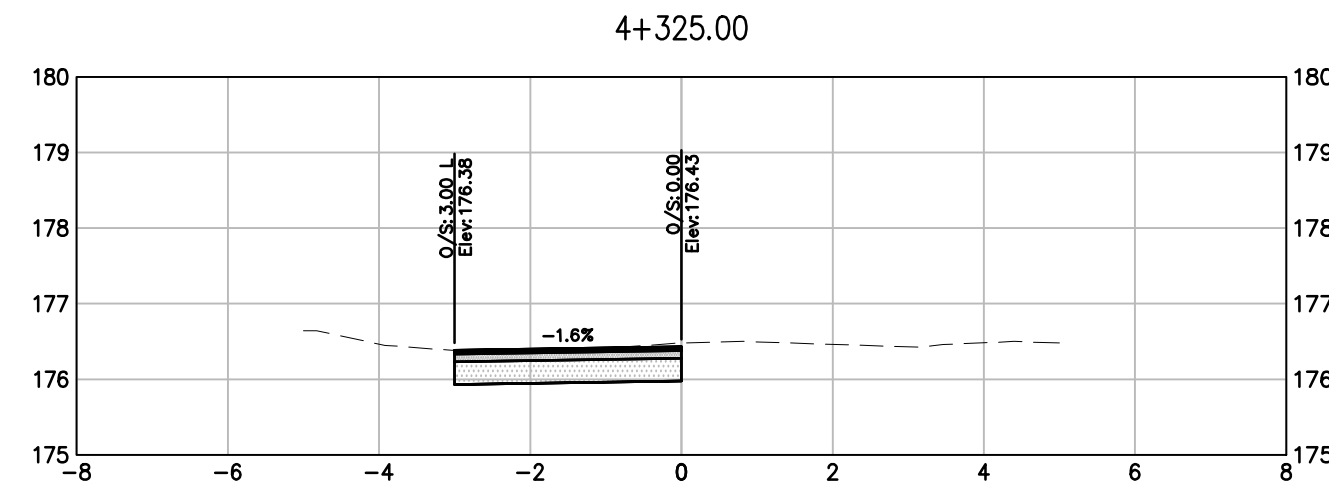
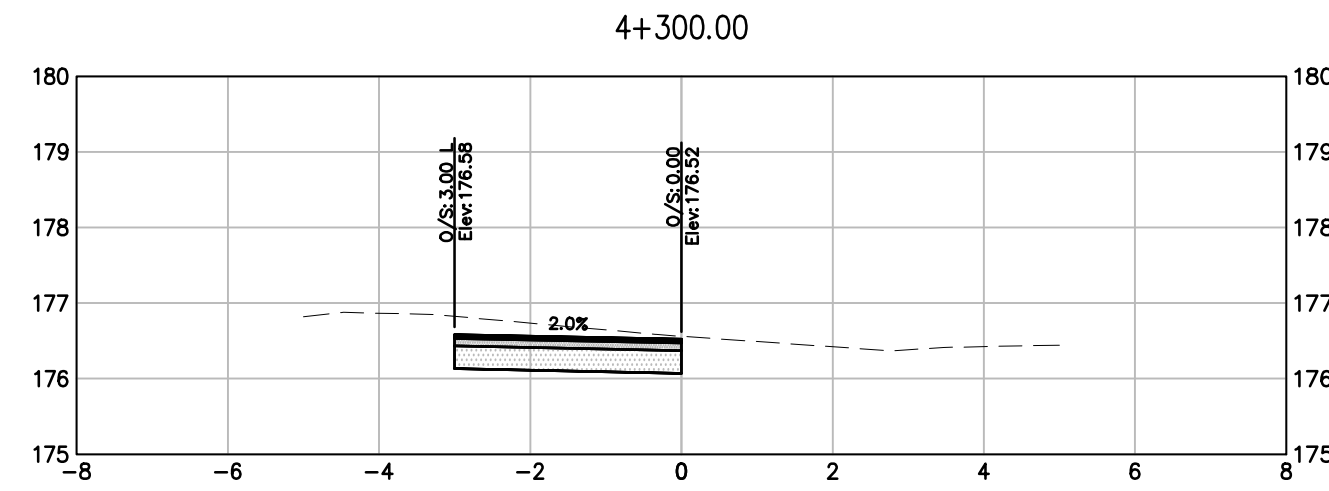
B drawing no. — where detail required
dessin no. — où détail exigé

C drawing no. — where detailed
dessin no. — où détaillé

drawing title
titre du dessin

POINT PEELE DRIVE
CIVIL DETAILS
SHEET 2 OF 2

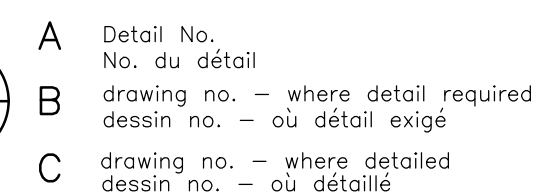
drawing no.
dessin no. **D 4 0**



LEGEND

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the departmental representative of all discrepancies.



project title
titre du projet

LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin

POINT PEELE DRIVE
CROSS SECTION
SHEET 1 OF 3

drawn by
dessine par J.AUCKLAND

designed by
conc par

K.BOSSIE

approved by
approuvé par

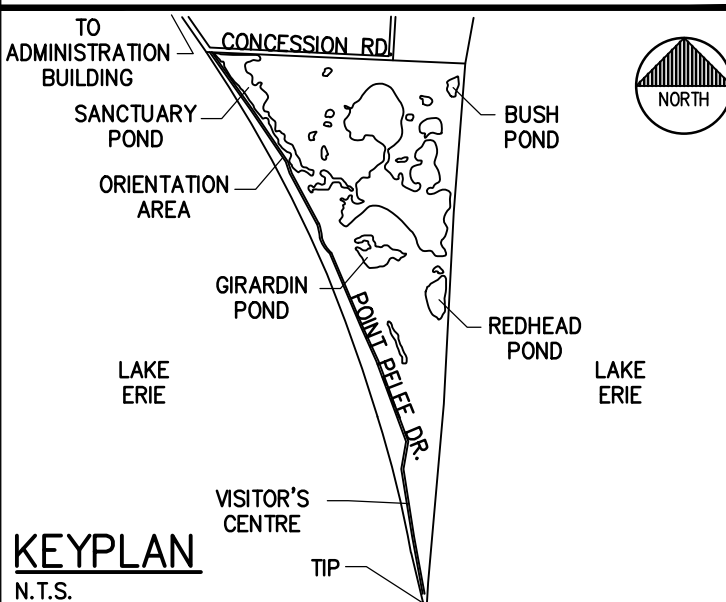
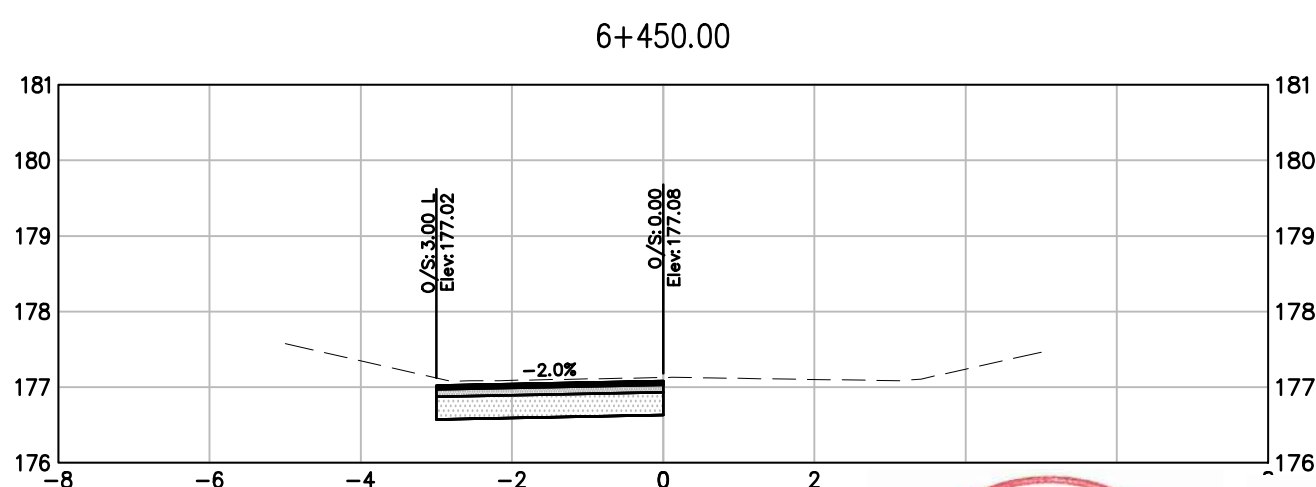
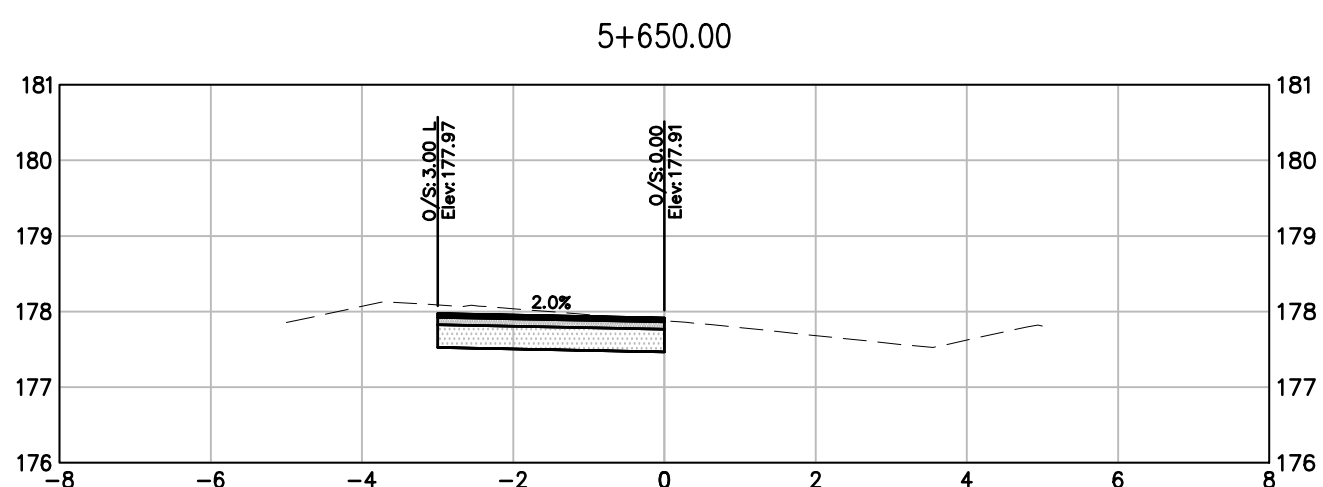
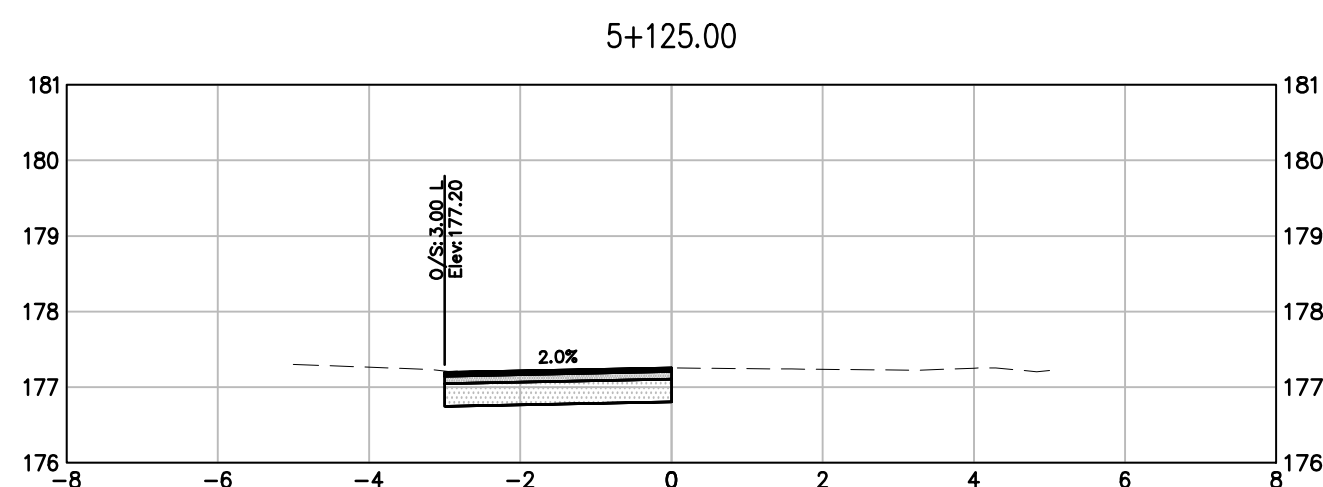
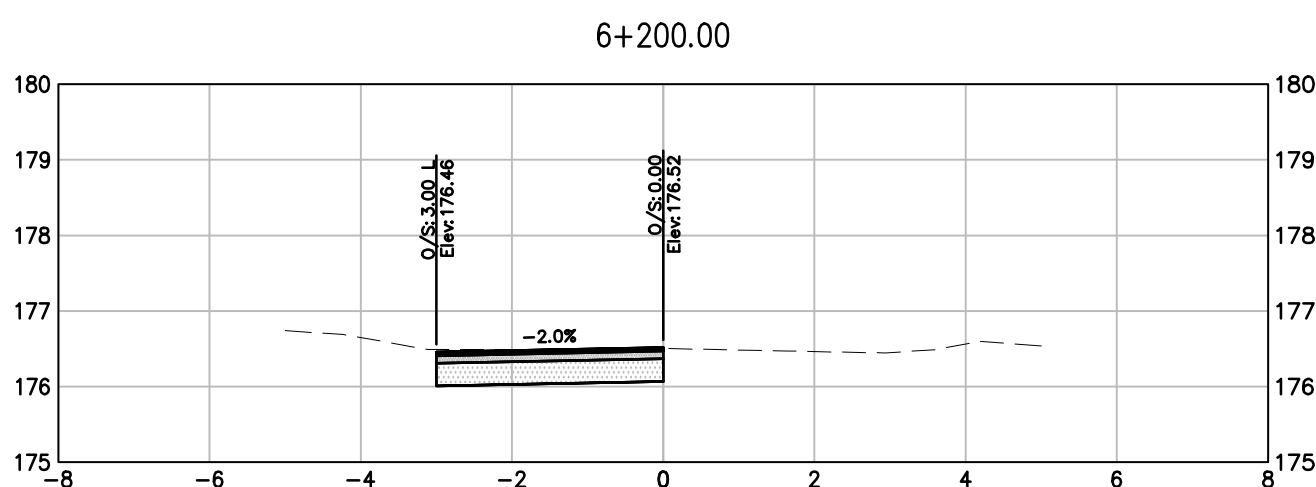
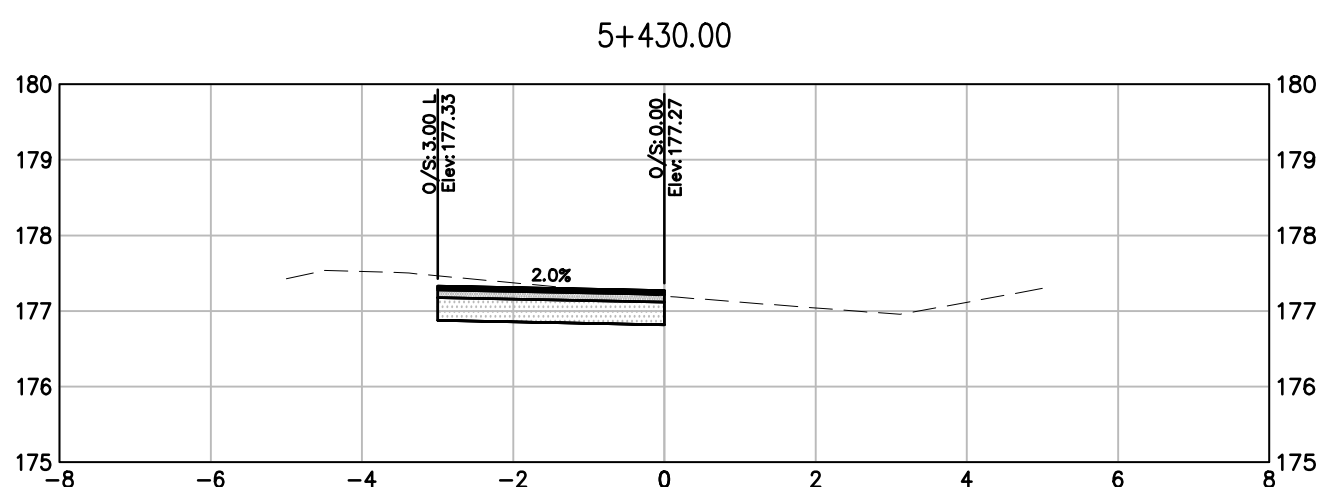
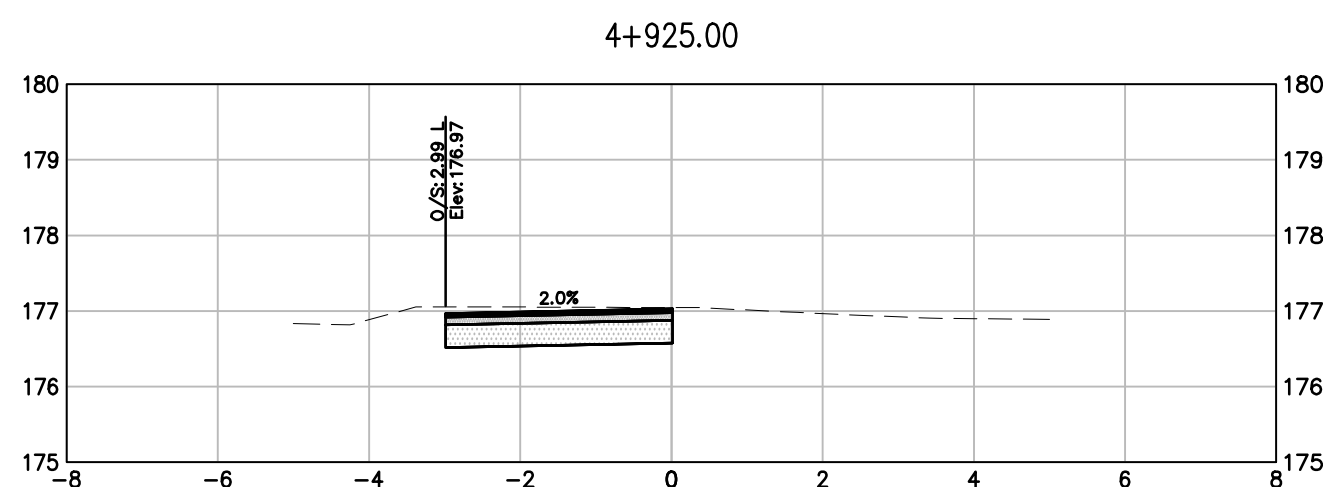
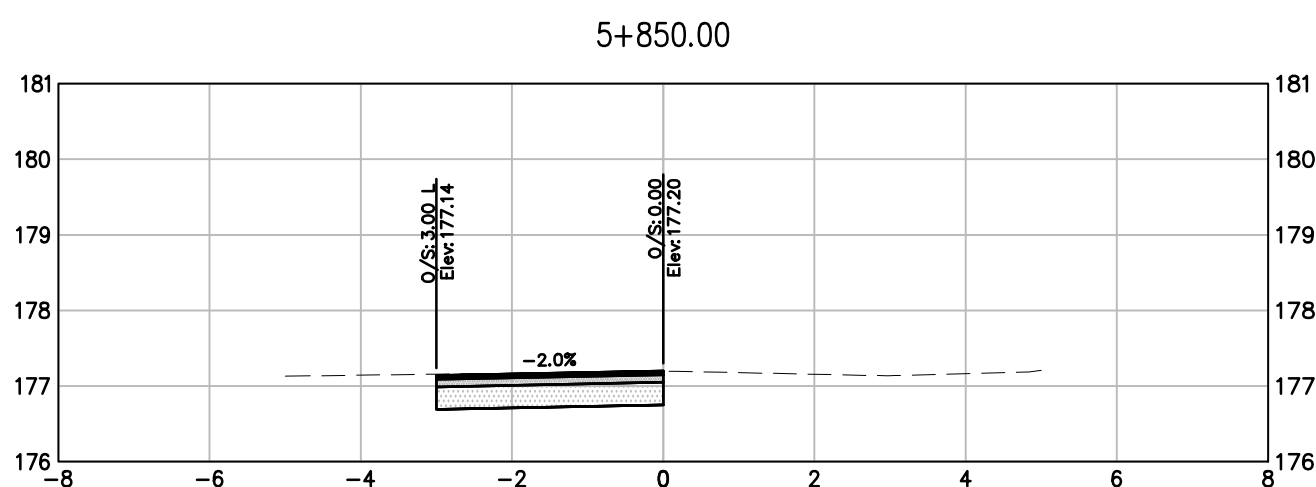
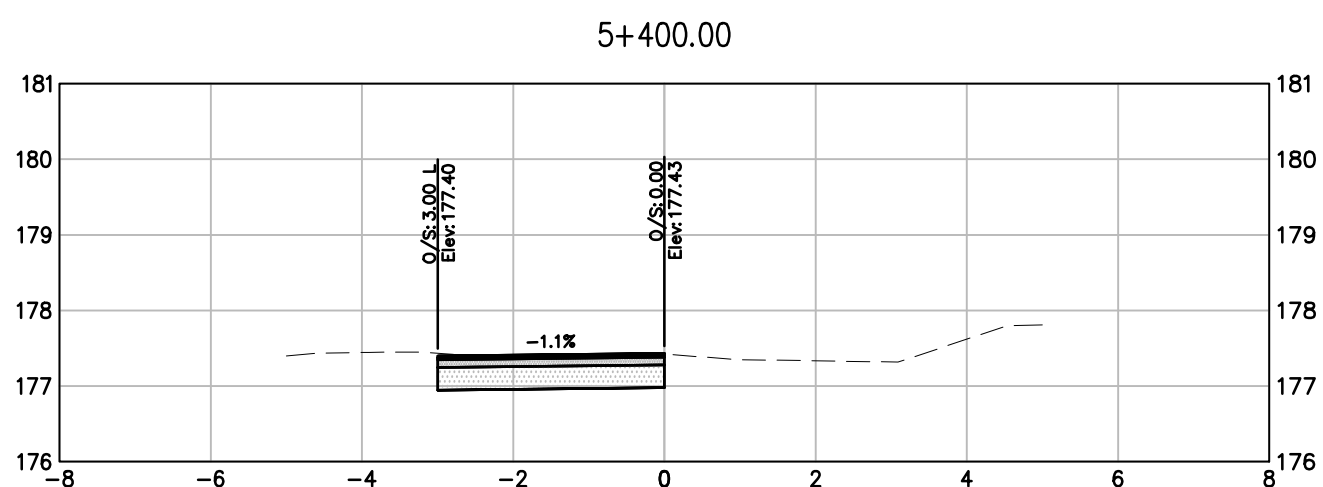
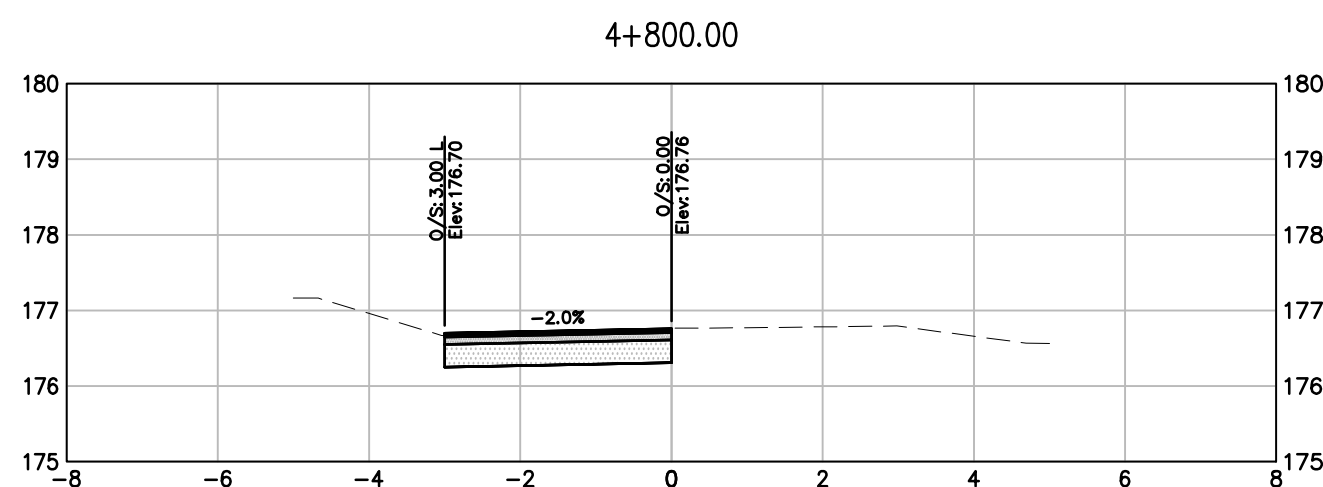
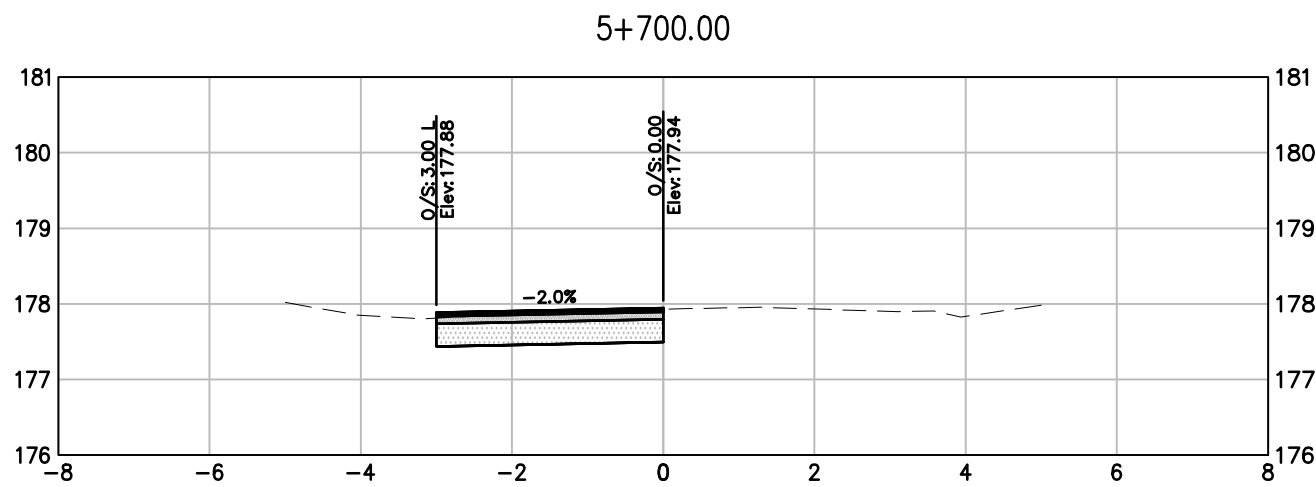
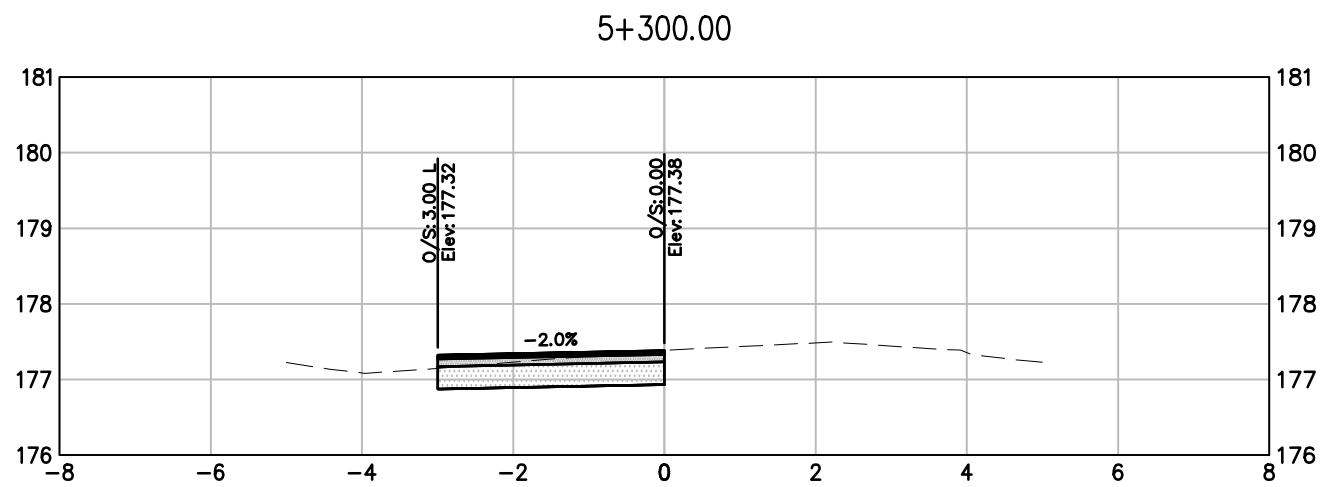
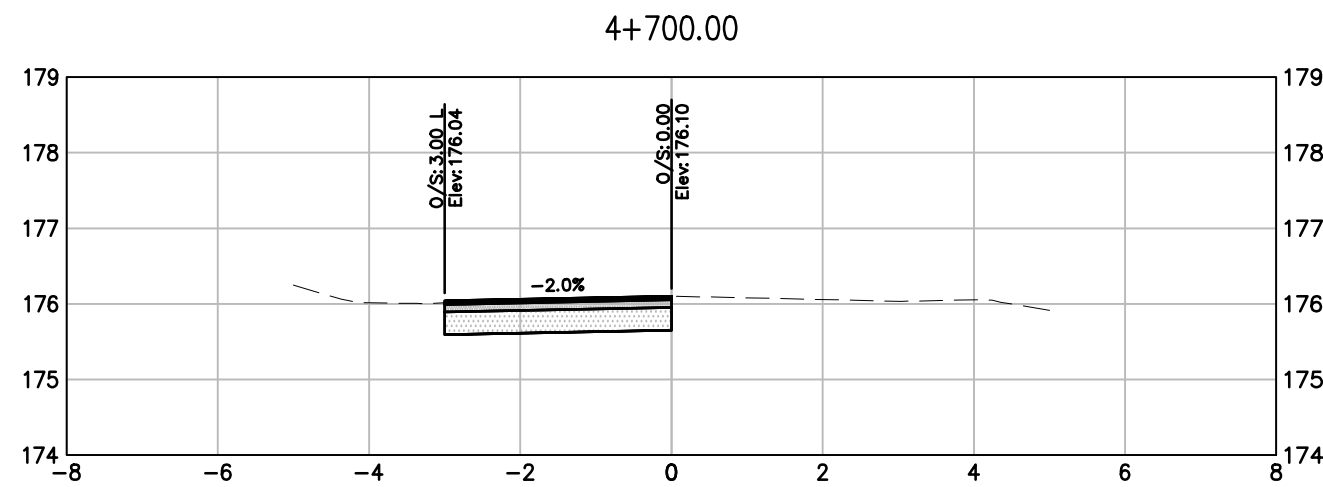
K.BOSSIE

bid soumission	D.BANNON	project manager administrateur de projets
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project date date du projet	2019-08-22
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project no. no. du projet	R.077178.001
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drawing no.
dessine no. X-1-1



LEGEND

revision	description	date
1	ISSUED FOR TENDER	AUG 2019

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the departmental representative of all discrepancies.

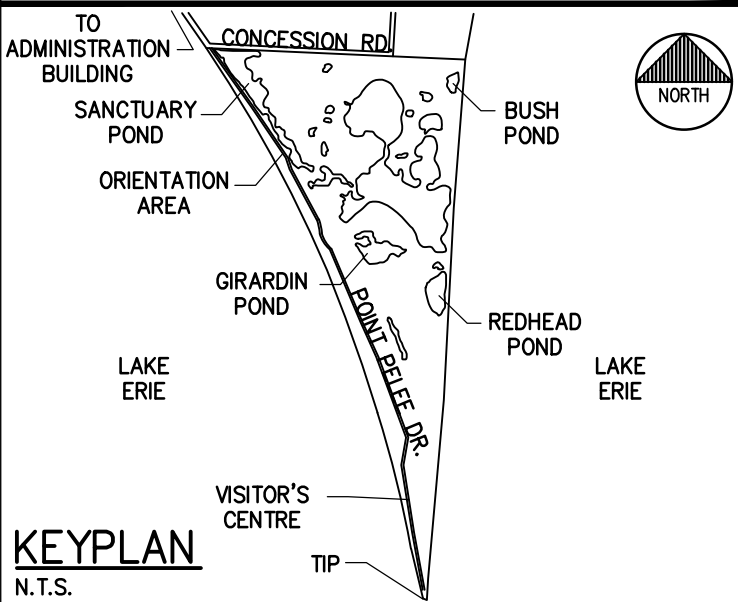
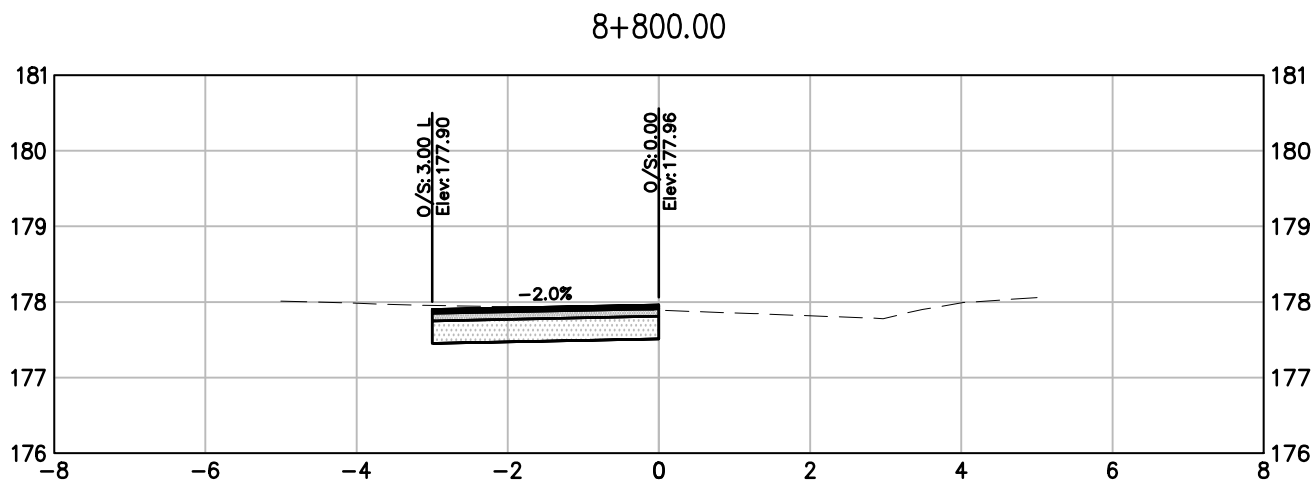
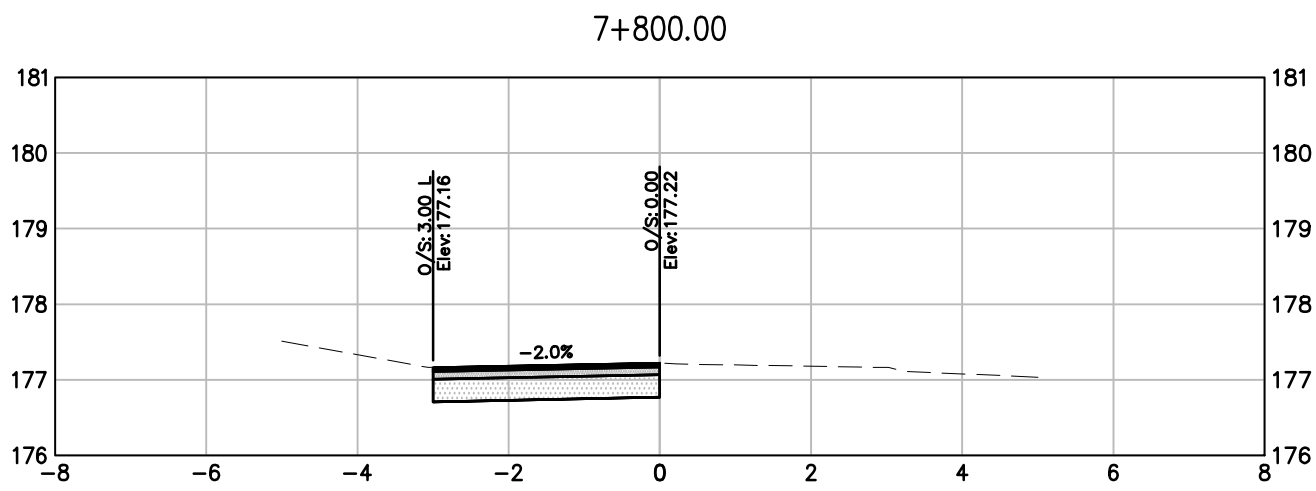
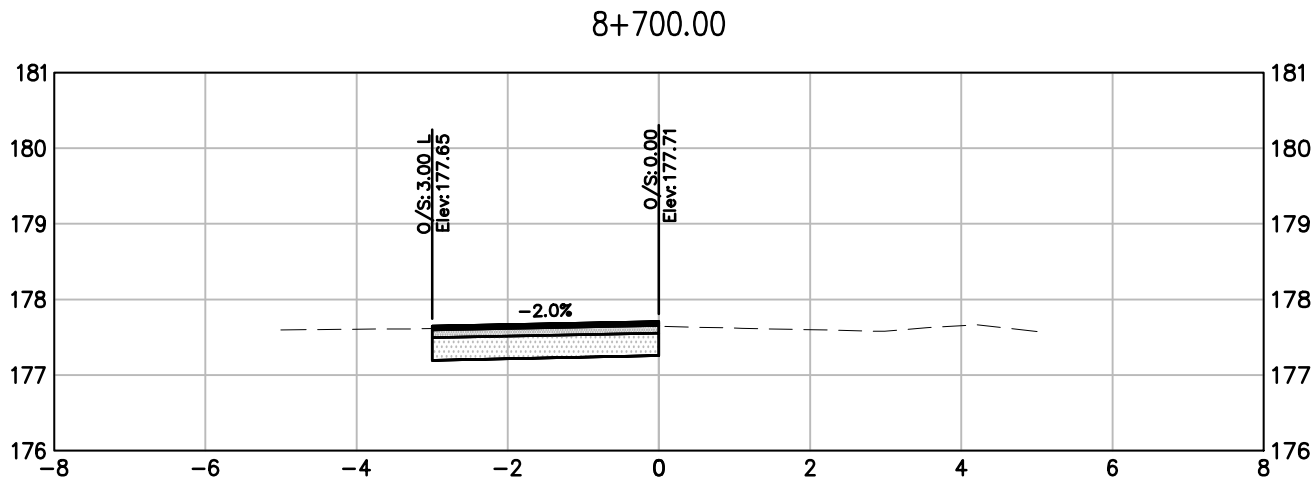
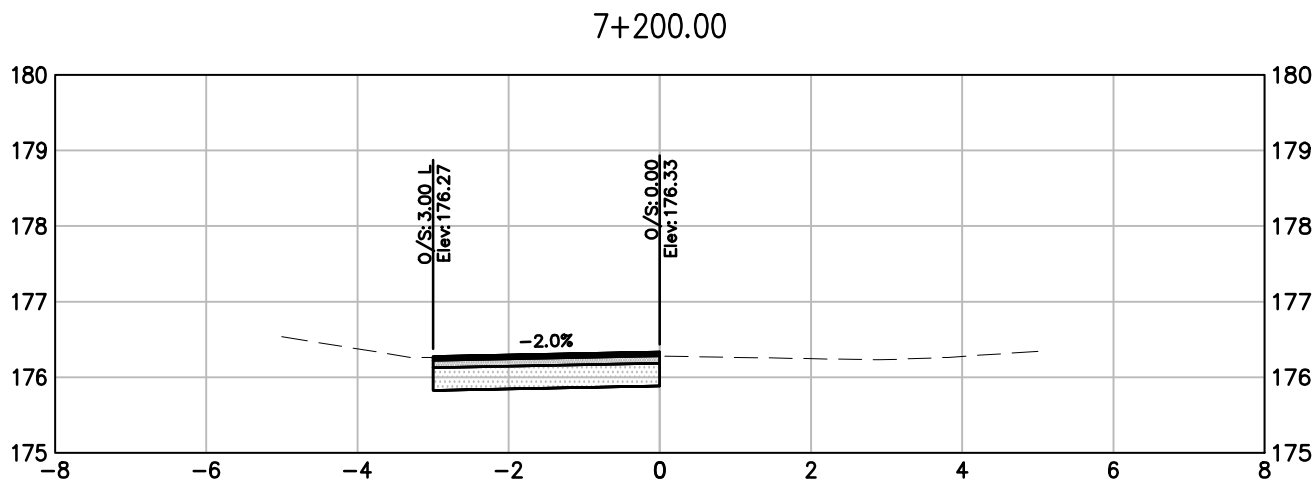
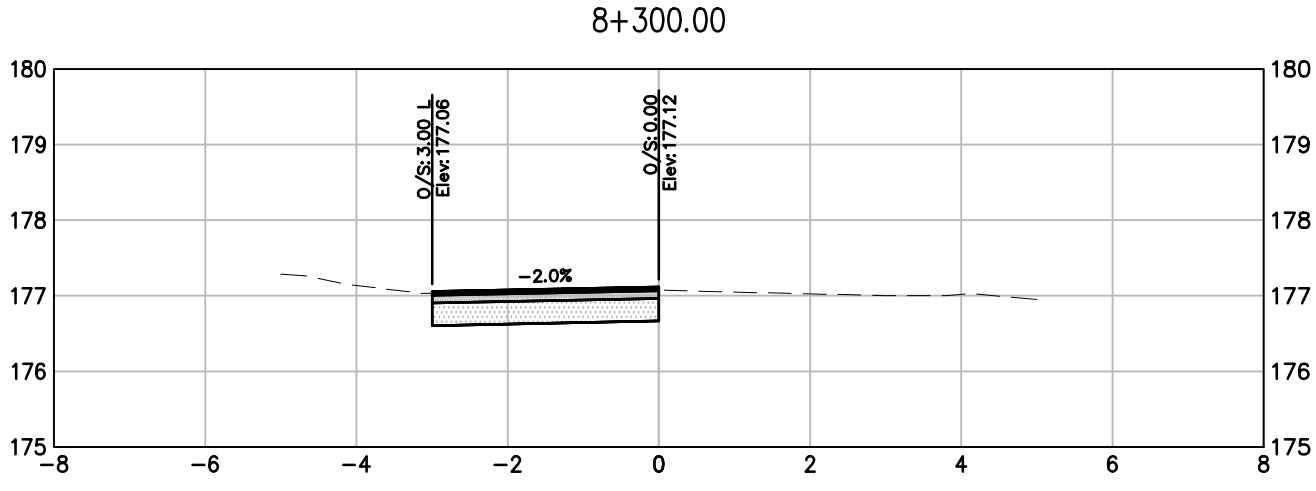
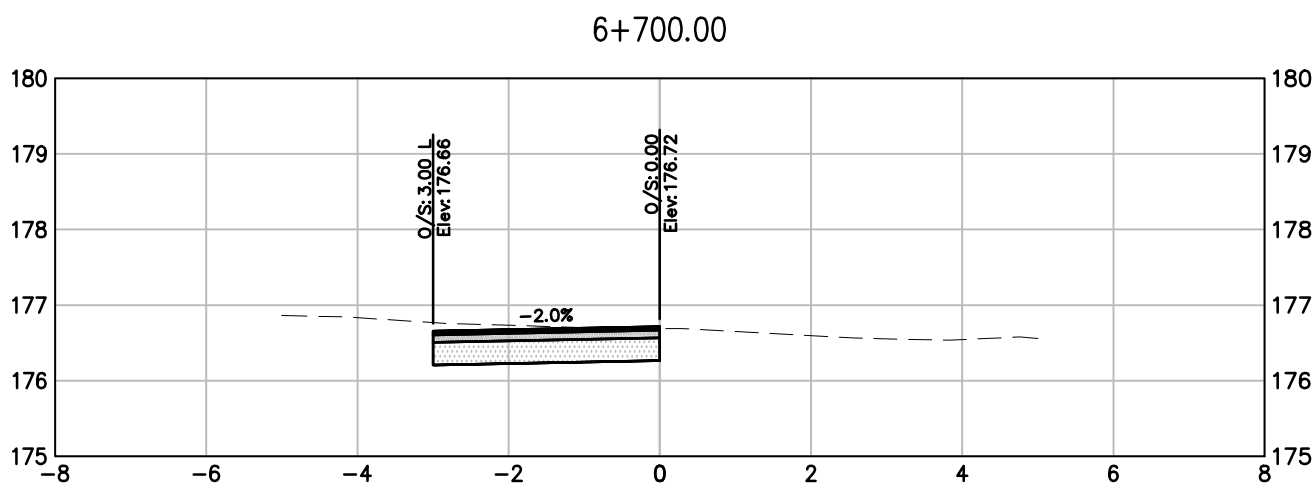
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B	No. du détail
C	drawing no. — where detail required dessin no. — où détail exigé
C	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE DRIVE
CROSS SECTION
SHEET 2 OF 3

drawn by dessiné par	J.AUCKLAND
designed by conc par	K.BOSSIE
approved by approuvé par	K.BOSSIE
bid soumission	D.BANNON
project date date du projet	2019-08-22
project no. no. du projet	R.077178.001
drawing no. dessiné no.	X-1-2

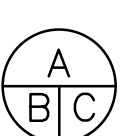




LEGEND

revision	description	date
1	ISSUED FOR TENDER	AUG 2019

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the departmental representative of all discrepancies.

	A Detail No. No. du détail
B	drawing no. — where detail required dessin no. — où détail exigé
C	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PEELE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PEELE DRIVE
CROSS SECTION
SHEET 3 OF 3

drawn by
dessiné par
J.AUCKLAND

designed by
conçu par
K.BOSSIE

approved by
approuvé par
K.BOSSIE

bid
soumission
D.BANNON

project manager
administrateur
de projets

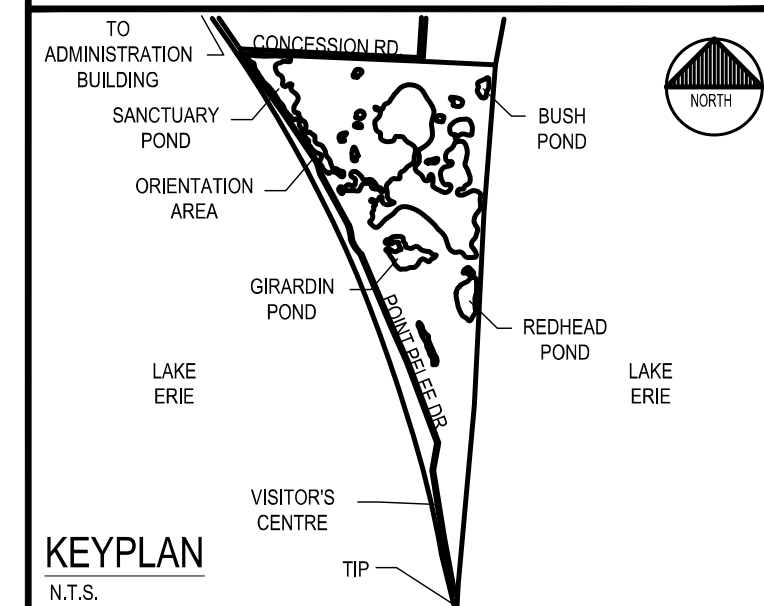
project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
X-1-3







LEGEND

revision	description	date
1	ISSUED FOR TENDER	AUG 2019

Do not scale drawings.
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A	Detail No.
B	No. du détail
C	drawing no. — where detail required dessin no. — où détail exigé
C	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE NATIONAL PARK
BUILDING SINGLE LINE
DIAGRAMS

drawn by
dessiné par
M.LANGSFORD

designed by
conc par
N.MURPHY

approved by
approuvé par
N.MURPHY

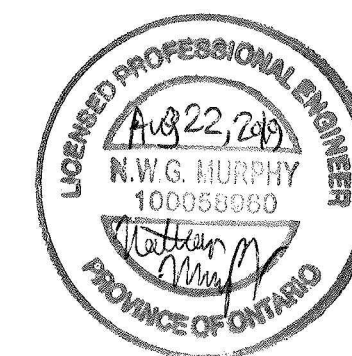
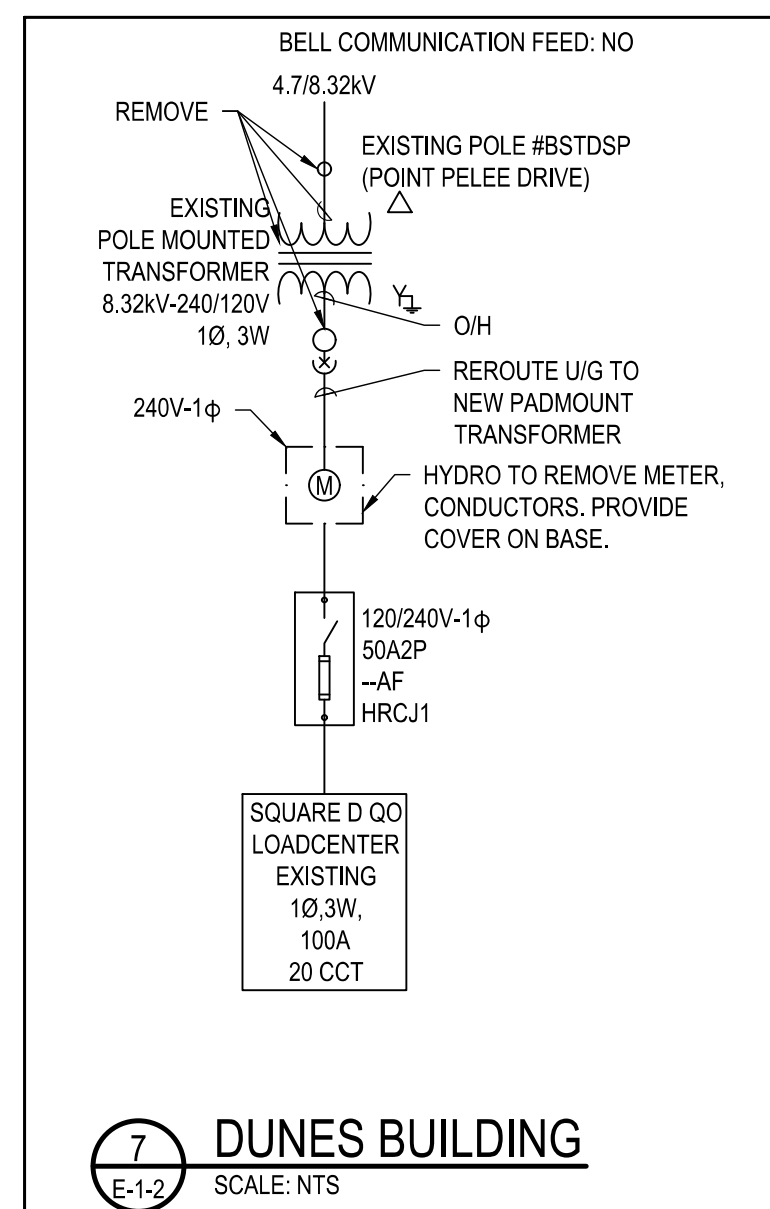
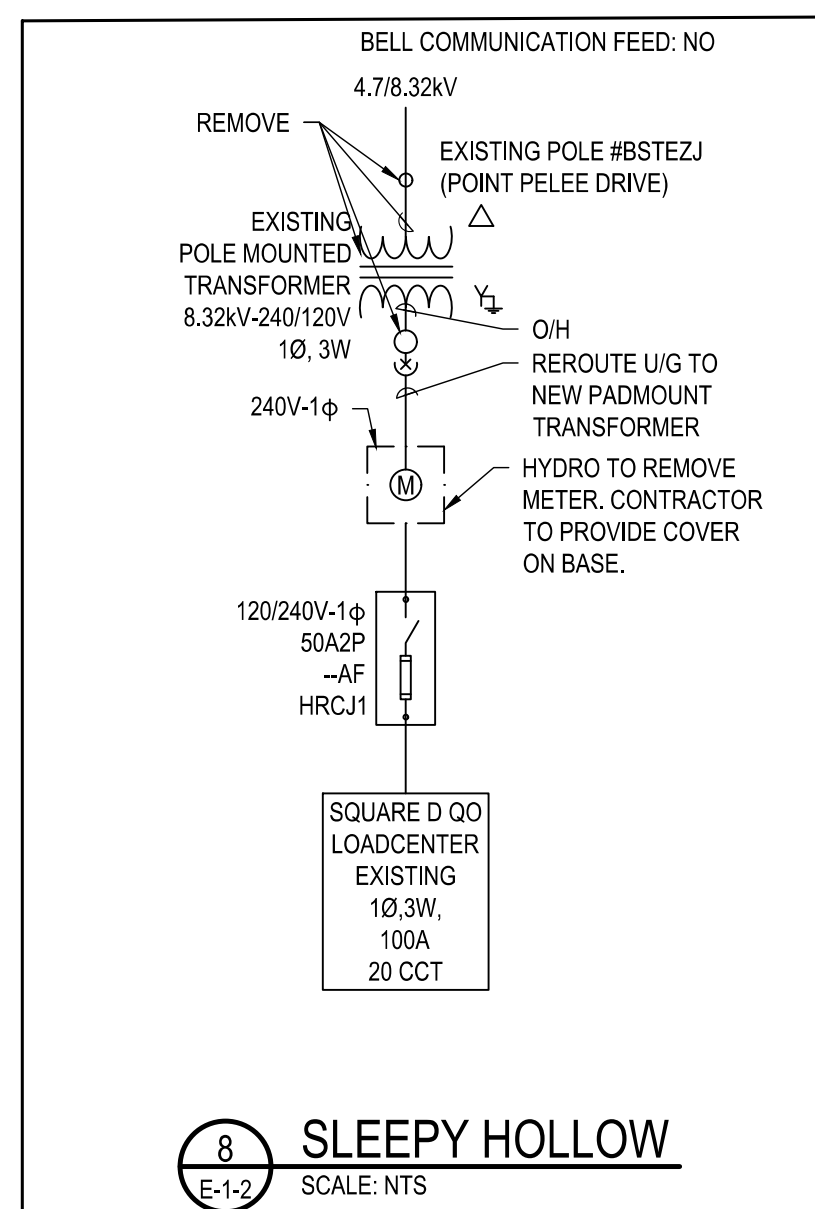
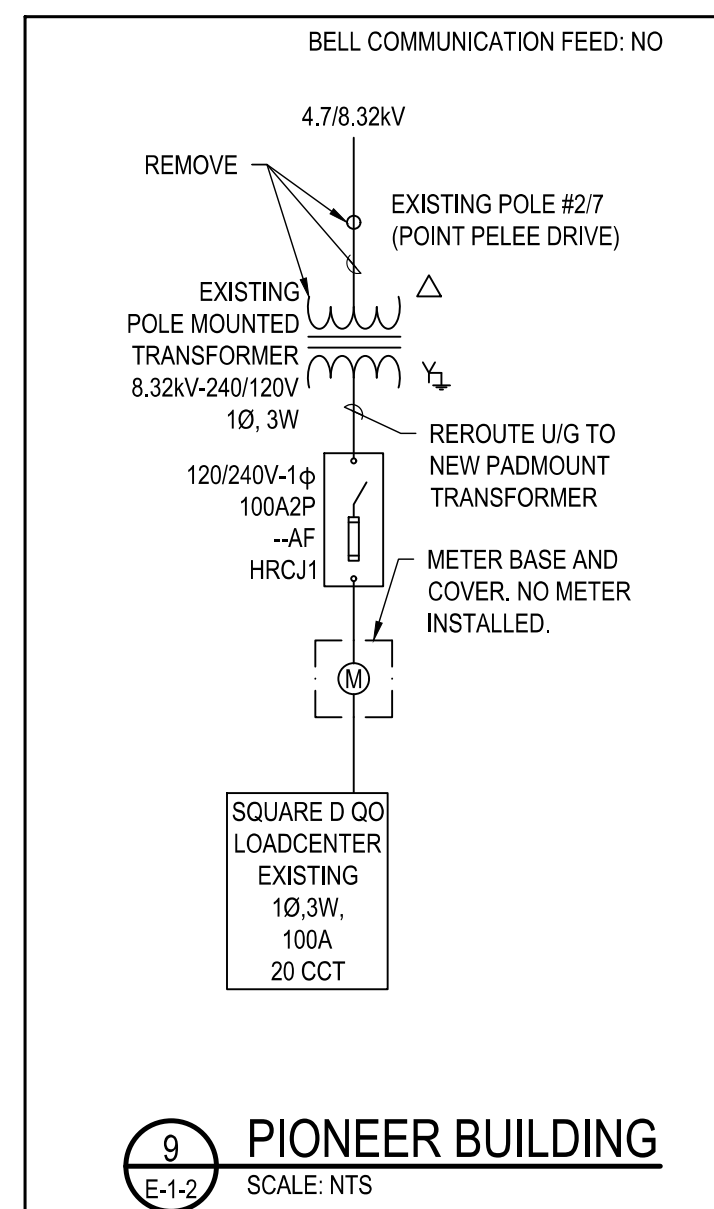
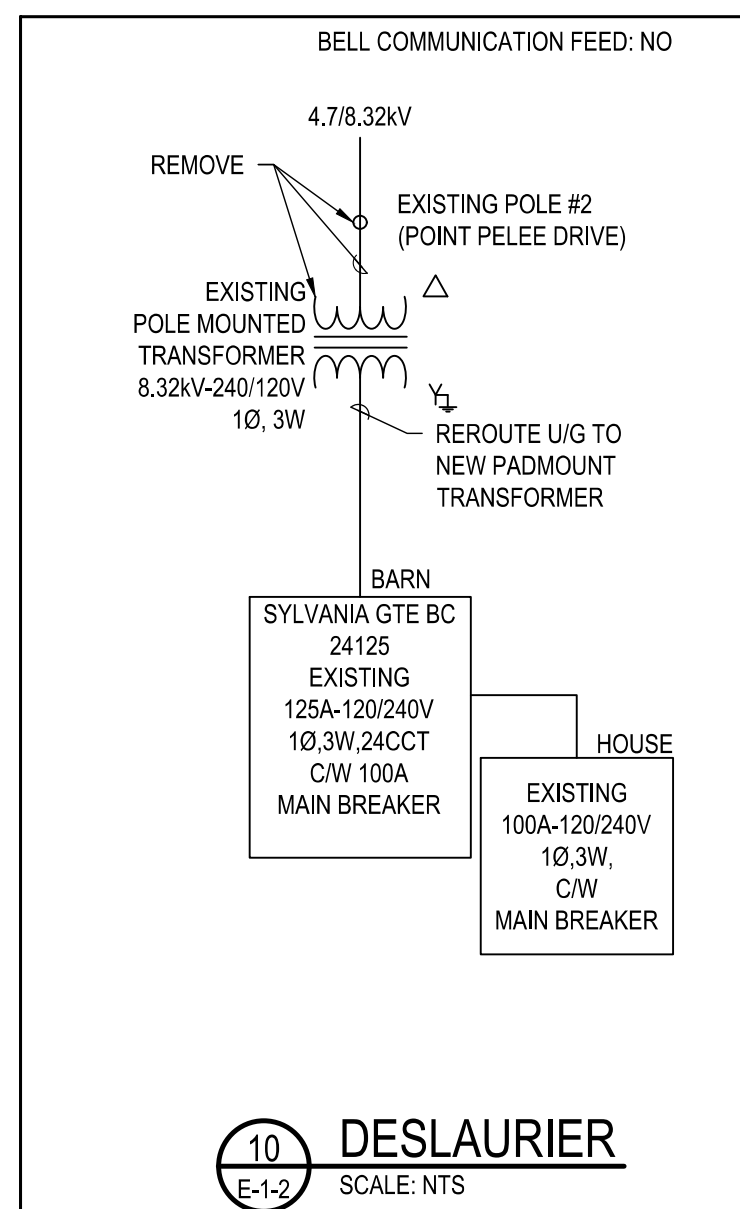
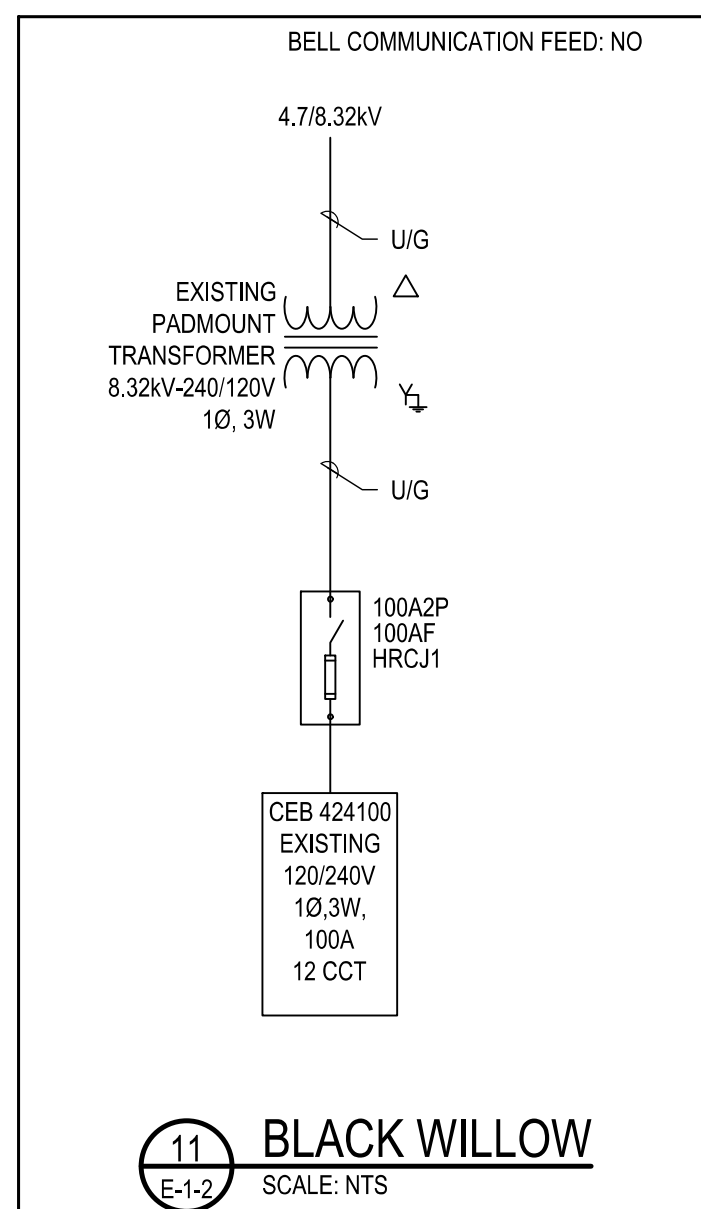
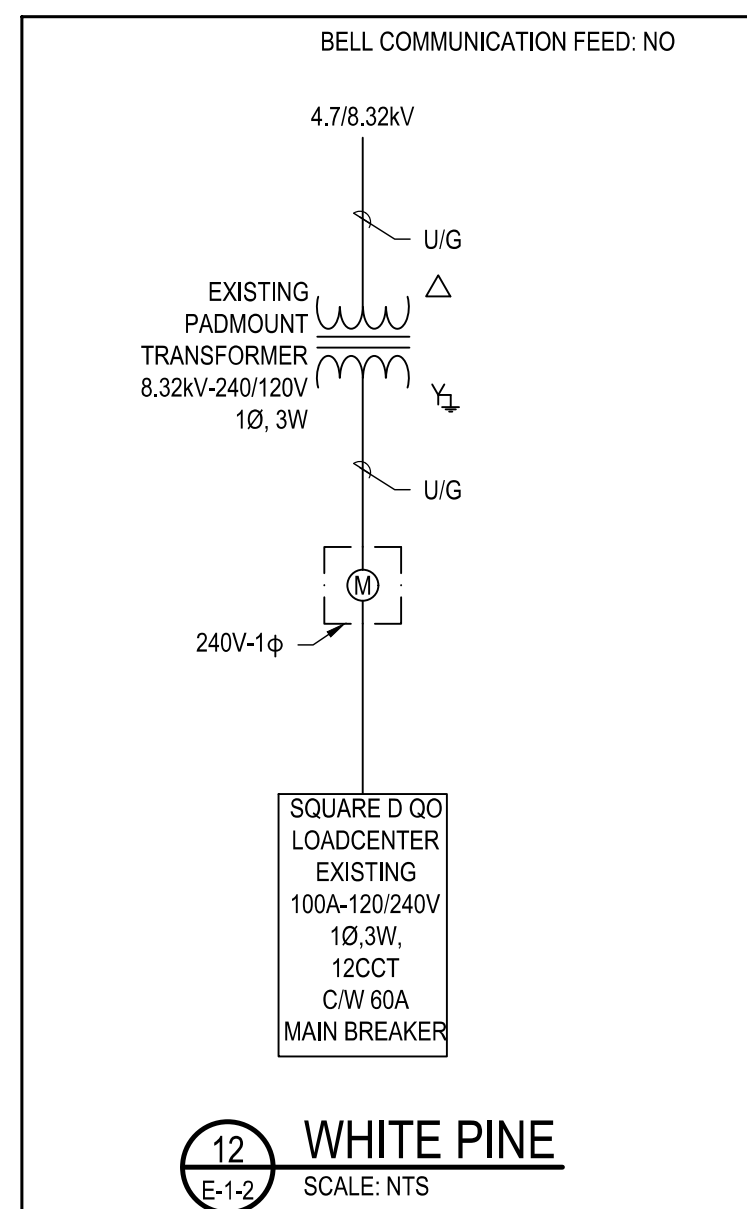
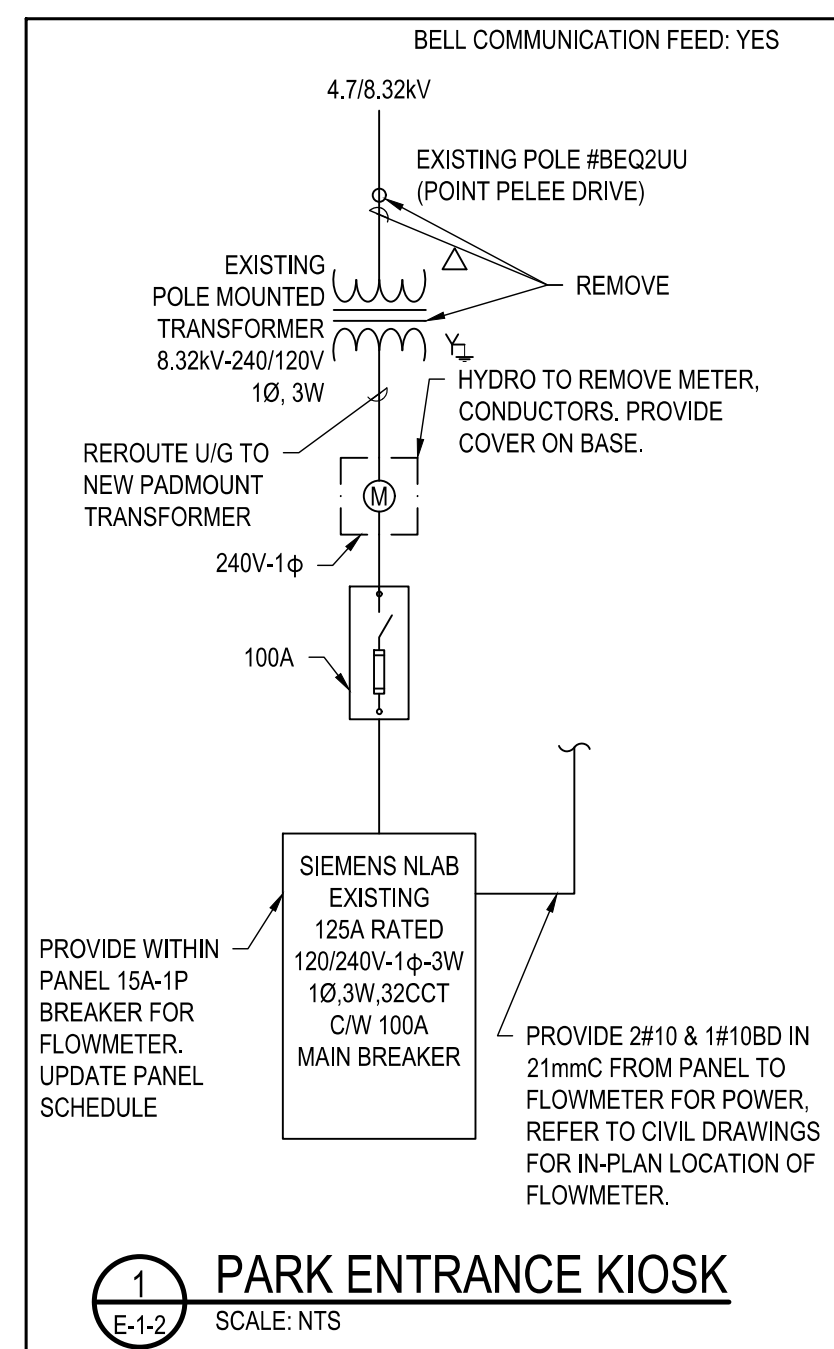
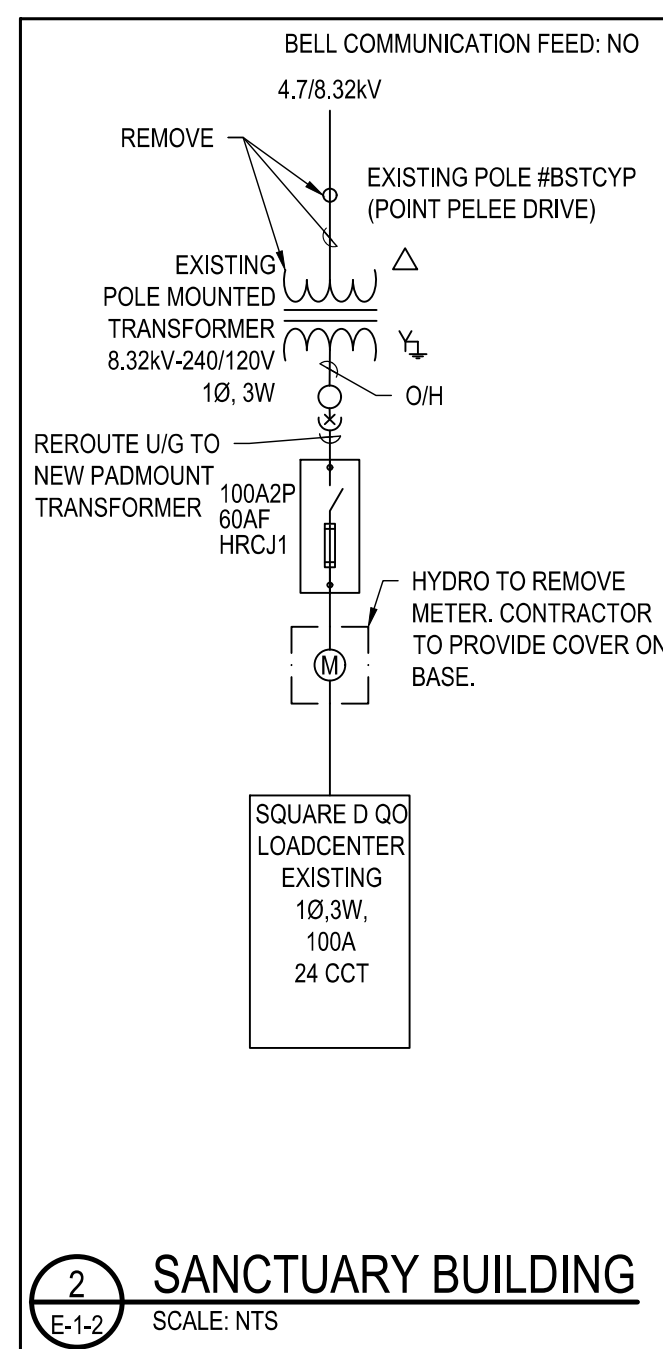
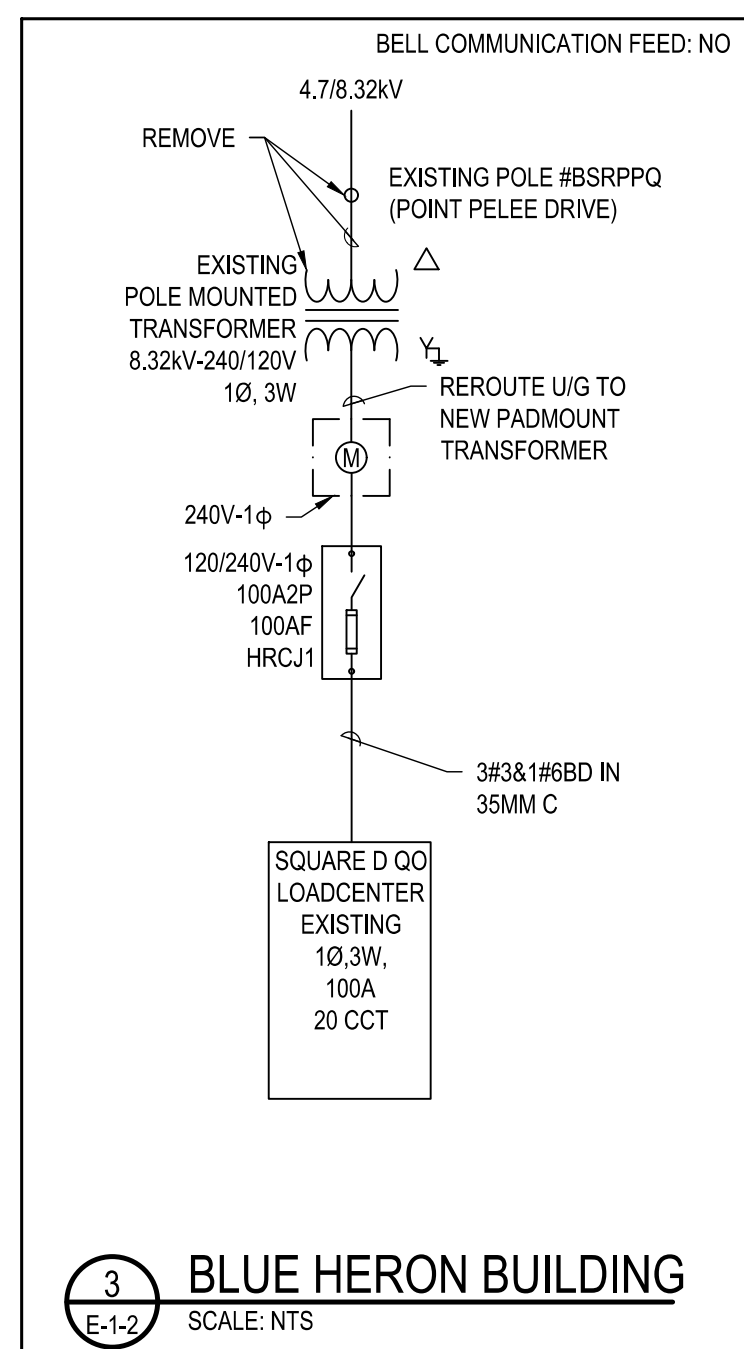
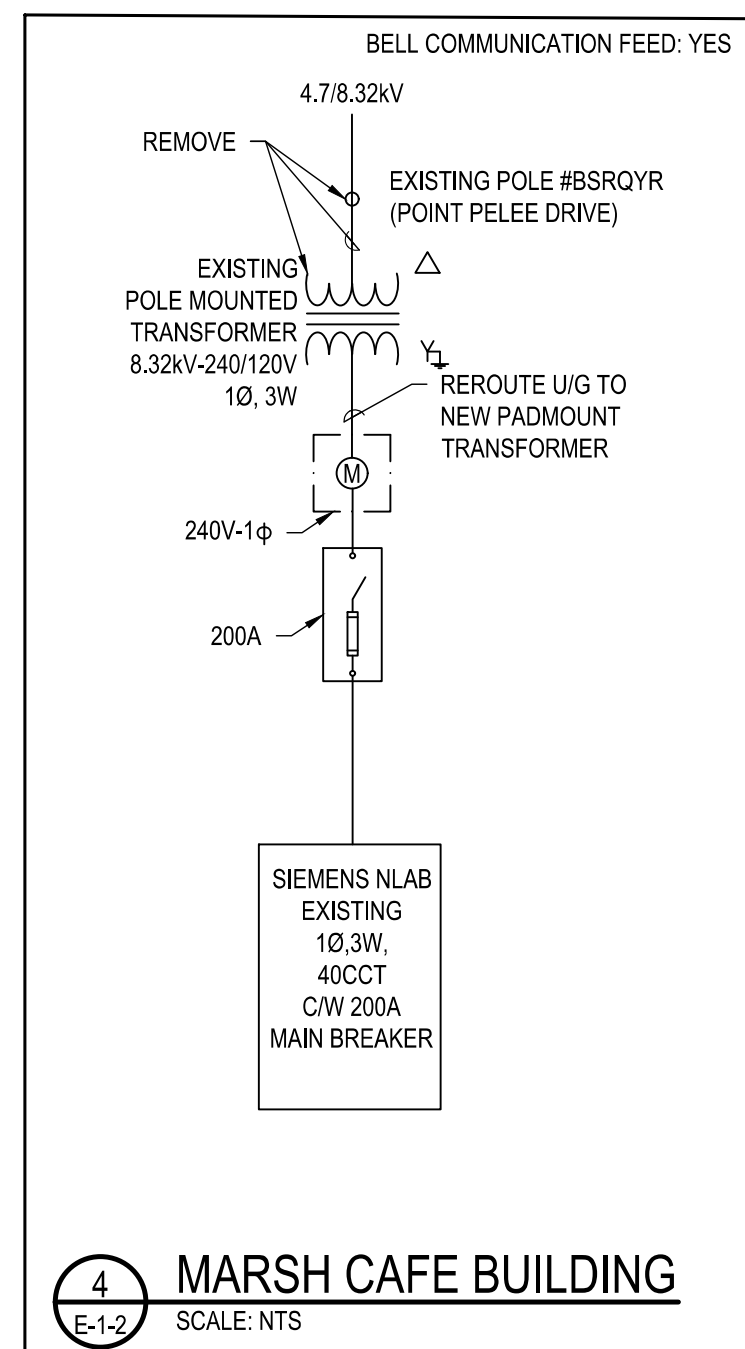
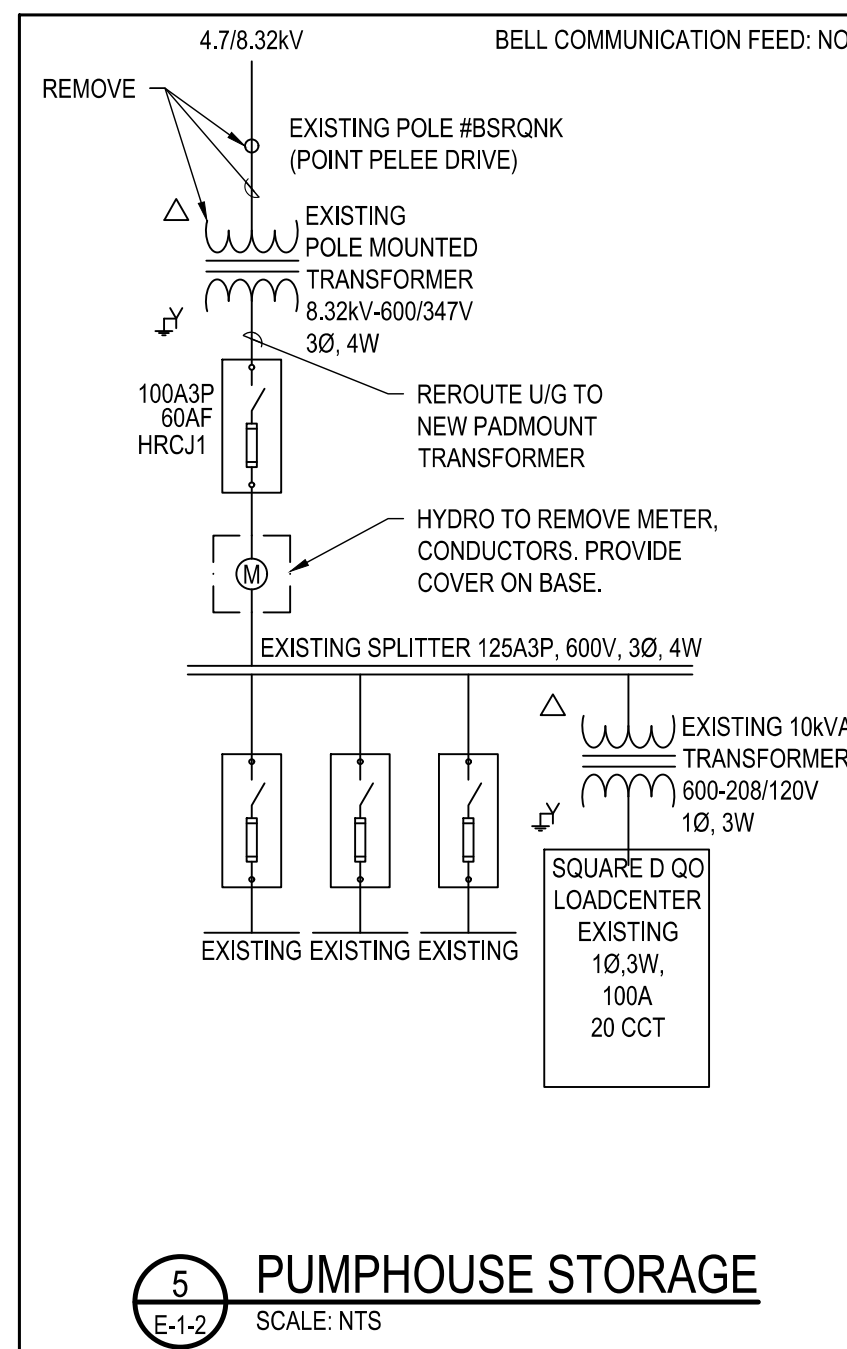
bid
soumission
D.BANNON

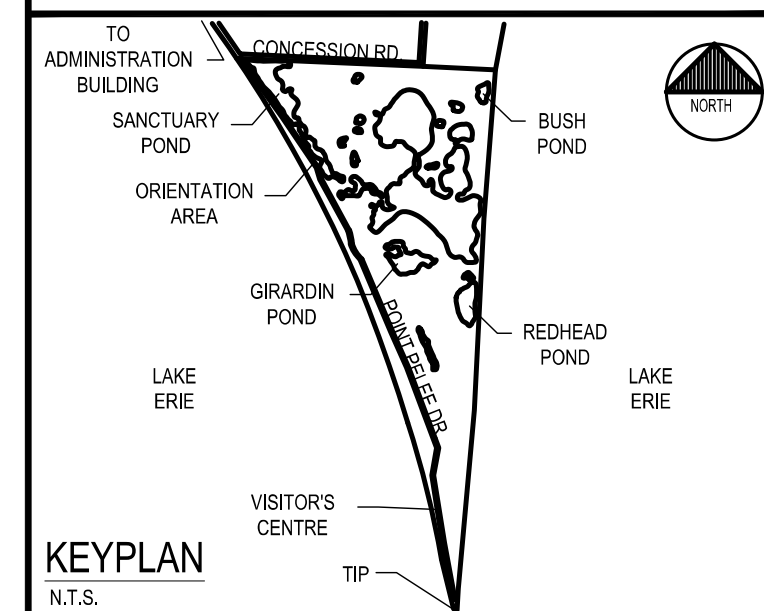
project manager
administrateur
de projets

project date
date du projet
2019-08-22

project no.
no. du projet
R.077178.001

drawing no.
dessiné no.
E-1-2





LEGEND

1	ISSUED FOR TENDER	AUG 2019
revision	description	date

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A	Detail No.
B	No. du détail
C	drawing no. — where detail required dessin no. — où détail exigé
	drawing no. — where detailed dessin no. — où détaillé

project title
titre du projet
LEAMINGTON ONTARIO
PARKS CANADA
POINT PELEE NATIONAL PARK
OF CANADA
PC MAIN
ROADWORK RECAPITALIZATION

drawing title
titre du dessin
POINT PELEE NATIONAL PARK
DUCT BANK DETAIL AND BUILDING
SINGLE LINE DIAGRAMS

drawn by dessiné par	M.LANGSFORD
designed by conc par	N.MURPHY
approved by approuvé par	N.MURPHY
bid soumission	D.BANNON
project manager administrateur de projets	
project date date du projet	2019-08-22
project no. no. du projet	R.077178.001
drawing no. dessiné no.	E-1-3

