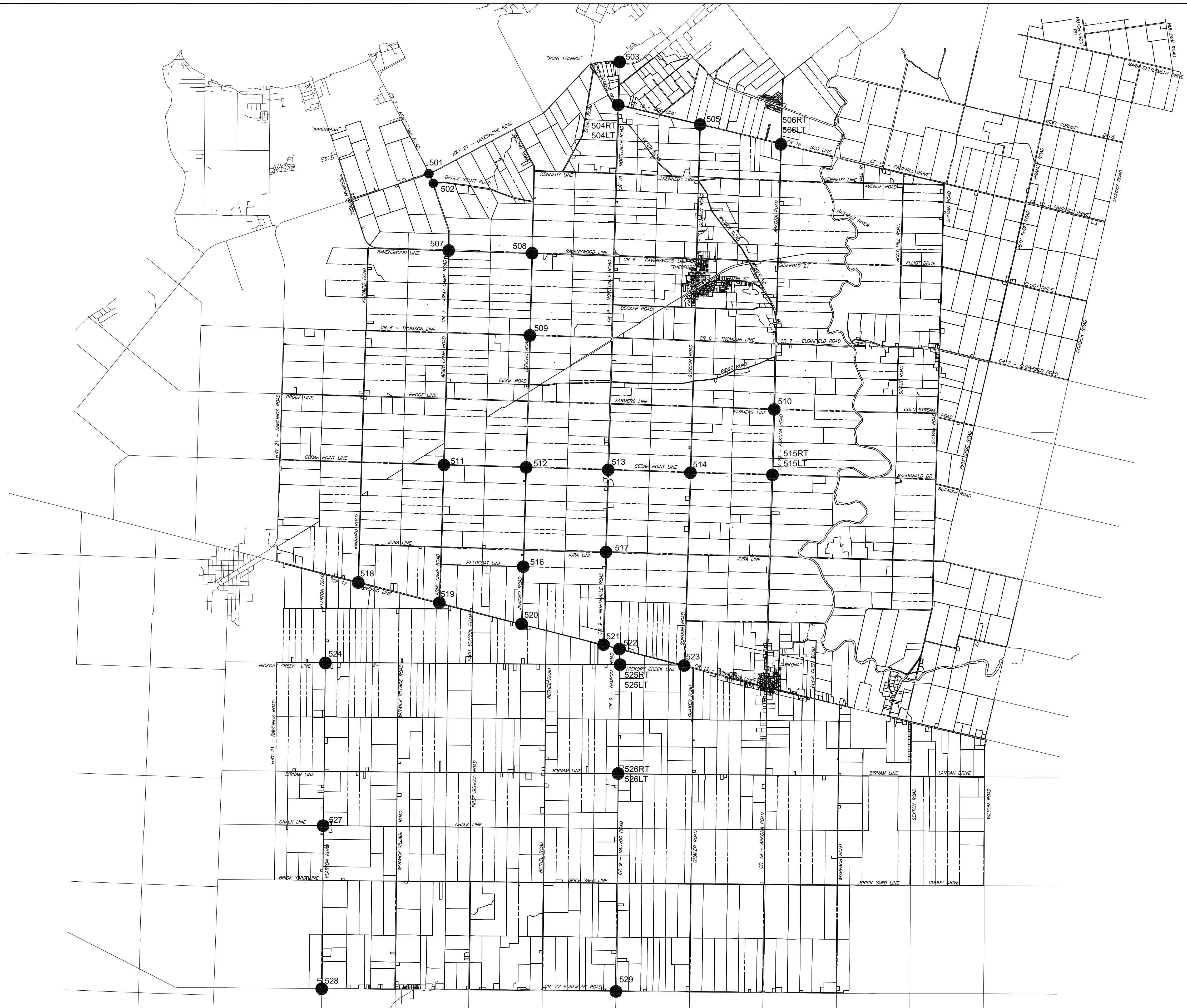
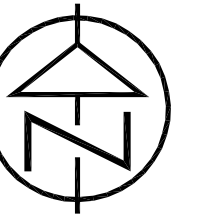


Schedule B12

Improvements to Intersections



LEGEND

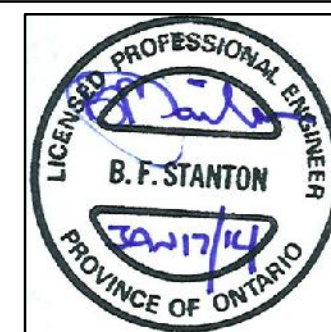
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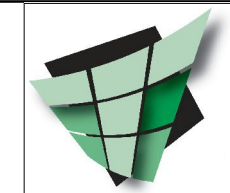


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NEXTERA ENERGY CANADA, ULC
JERICO WIND ENERGY CENTRE

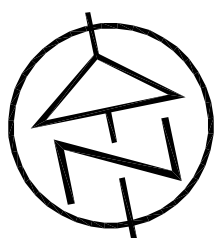
DELIVERY ROUTE INTERSECTION PLAN
INDEX SHEET



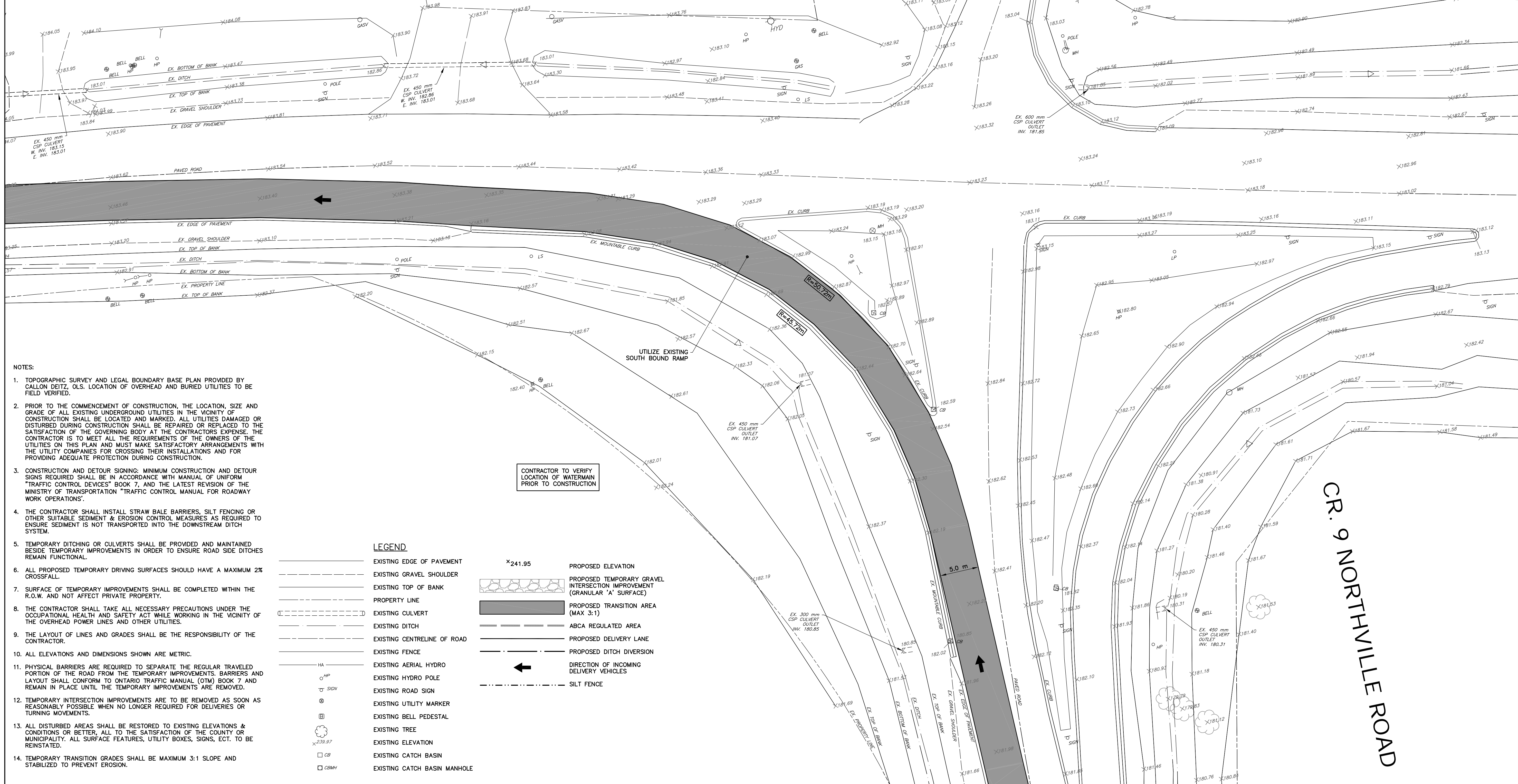
C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood Bracebridge Orillia Barrie

SCALE: N.T.S.	JOB NO. 412414
DESIGN: SD	CHECKED: BFS
DRAWN: SD	DATE: JAN. /14
DWG. 500	



HWY. 21 LAKESHORE ROAD



- NOTES:
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| | EXISTING TOP OF BANK |
| | PROPERTY LINE |
| | EXISTING CULVERT |
| | EXISTING DITCH |
| | EXISTING CENTRELINE OF ROAD |
| | EXISTING FENCE |
| | EXISTING AERIAL HYDRO |
| | EXISTING HYDRO POLE |
| | EXISTING ROAD SIGN |
| | EXISTING UTILITY MARKER |
| | EXISTING BELL PEDESTAL |
| | EXISTING TREE |
| | EXISTING ELEVATION |
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| | EXISTING CATCH BASIN MANHOLE |
- PROPOSED ELEVATION
- PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT (GRANULAR 'A' SURFACE)
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- PROPOSED DELIVERY LANE
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- DIRECTION OF INCOMING DELIVERY VEHICLES
- SILT FENCE

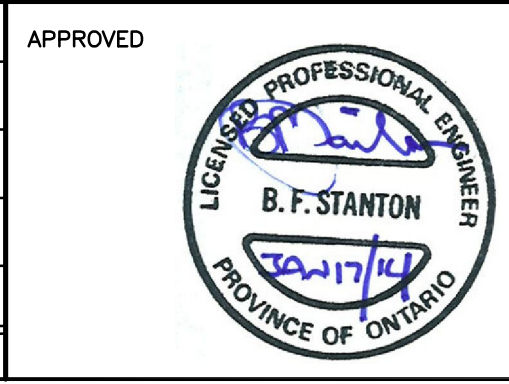
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NO.	REVISIONS	DATE	INITIAL



NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE

DELIVERY ROUTE INTERSECTION PLAN
HWY.21 LAKESHORE ROAD
&
CR. 9 NORTHVILLE ROAD

C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood	Bracebridge	Orillia	Barrie
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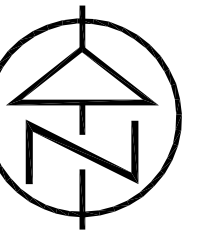
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DESIGN: SD

DRAWN: SD

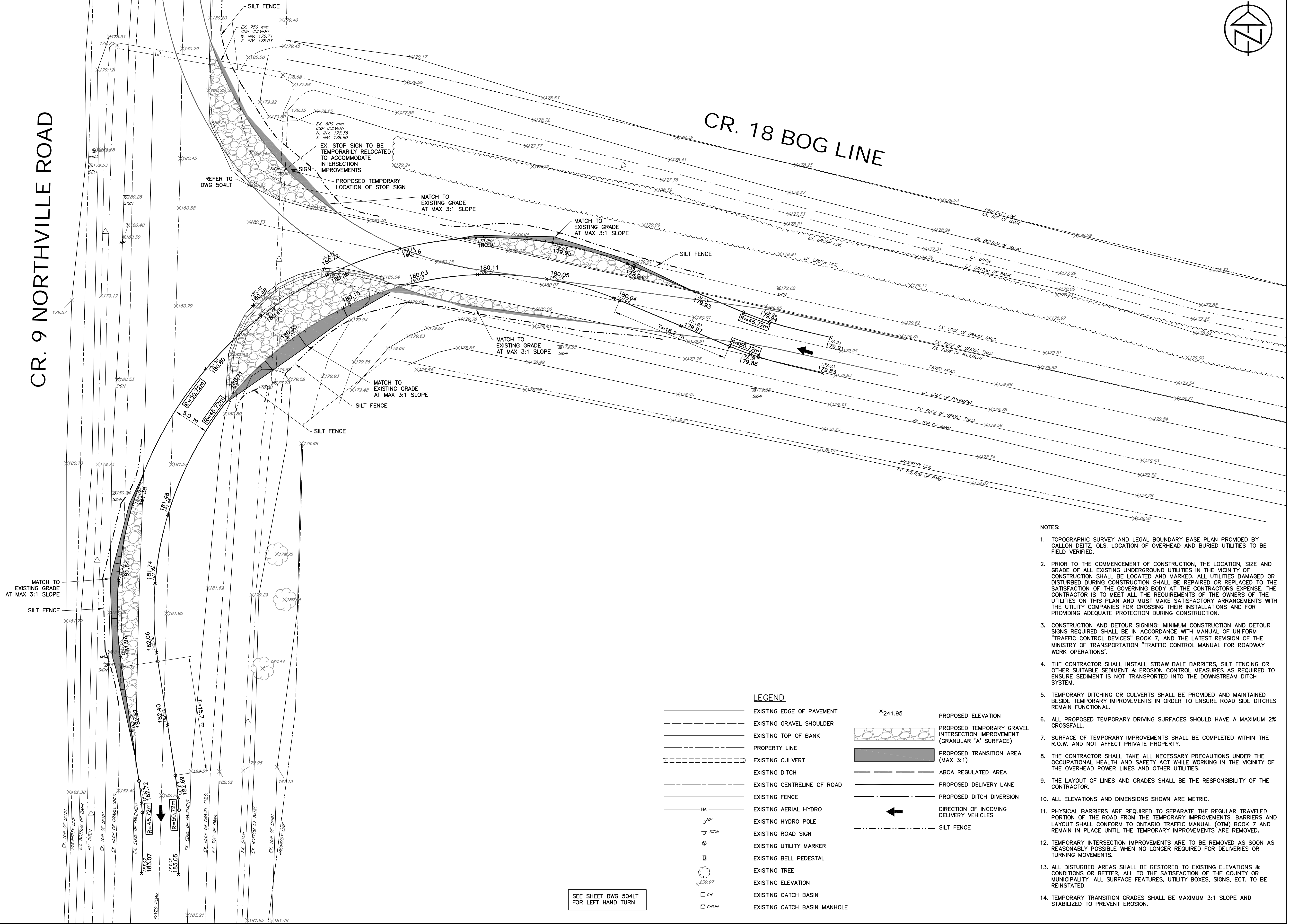
JOB NO. 412414

DWG. 503



CR. 9 NORTHVILLE ROAD

CR. 18 BOG LINE



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LEGEND

---	EXISTING EDGE OF PAVEMENT	x241.95	PROPOSED ELEVATION
---	EXISTING GRAVEL SHOULDER		PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT (GRANULAR 'A' SURFACE)
---	EXISTING TOP OF BANK		PROPOSED TRANSITION AREA (MAX 3:1)
---	PROPERTY LINE	---	ABCA REGULATED AREA
---	EXISTING CULVERT	---	PROPOSED DELIVERY LANE
---	EXISTING DITCH	---	PROPOSED DITCH DIVERSION
---	EXISTING CENTRELINE OF ROAD	---	SILT FENCE
---	EXISTING FENCE	---	
HA	EXISTING AERIAL HYDRO	---	
HP	EXISTING HYDRO POLE	---	
---	EXISTING ROAD SIGN	---	
---	EXISTING UTILITY MARKER	---	
---	EXISTING BELL PEDESTAL	---	
---	EXISTING TREE	---	
---	EXISTING ELEVATION	---	
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SEE SHEET DWG 504LT FOR LEFT HAND TURN

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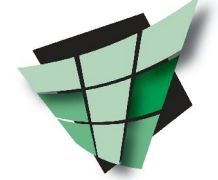


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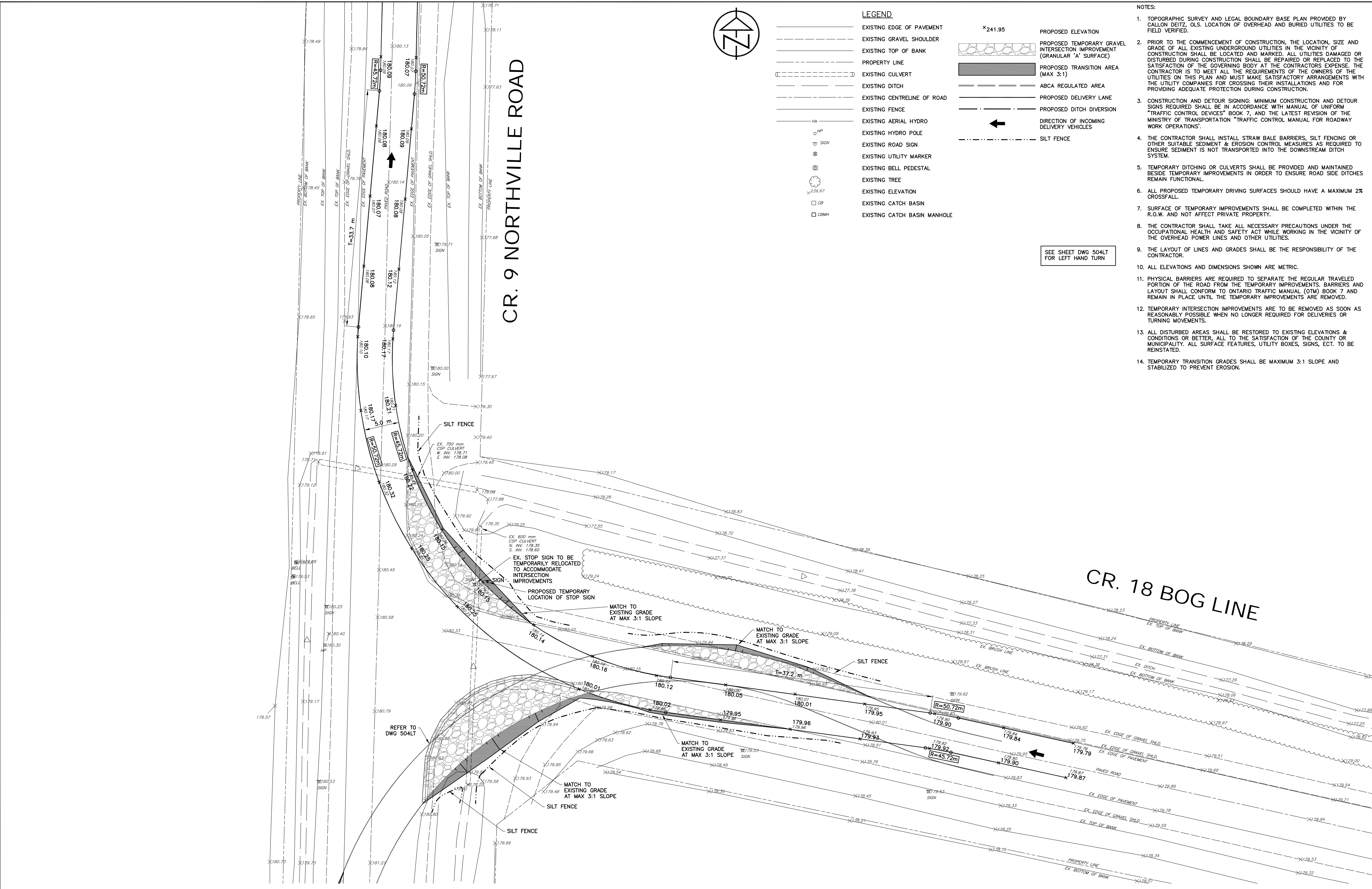
APPROVED



NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE
DELIVERY ROUTE INTERSECTION PLAN
CR. 18 BOG LINE
&
CR. 9 NORTHVILLE ROAD



C.C. Tatham & Associates Ltd.
Consulting Engineers
Collingwood Bracebridge Orillia Barrie
SCALE: 1:250
DESIGN: SD
DRAWN: SD
CHECKED: BFS
DATE: JAN. /14
JOB NO. 412414
DWG. 504LT (LEFT TURN)



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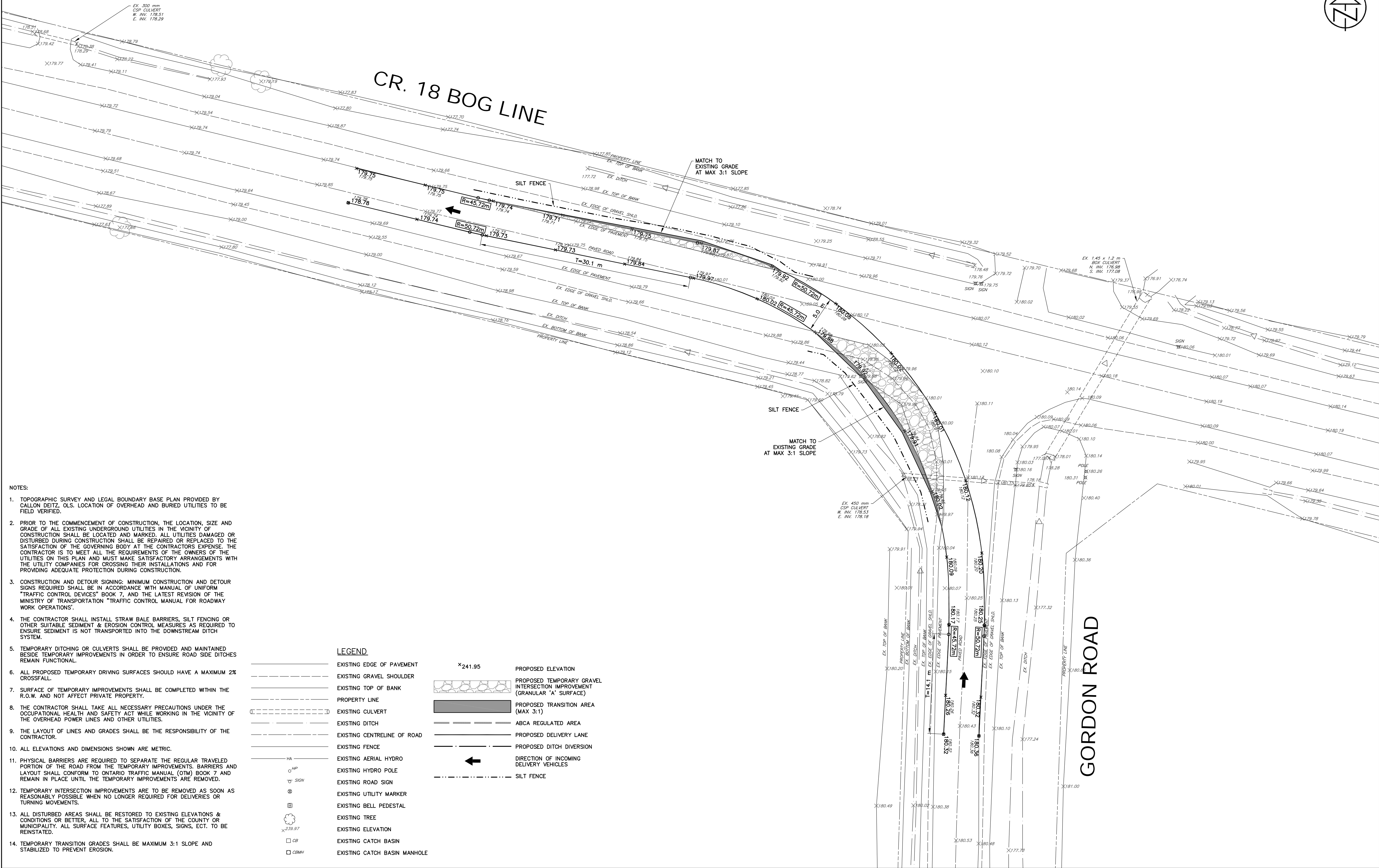
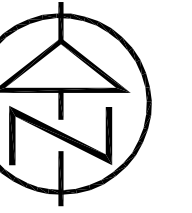
NEXTERA ENERGY CANADA, ULC
JERICO WIND ENERGY CENTRE

DELIVERY ROUTE INTERSECTION PLAN
CR. 18 BOG LINE
&
CR. 9 NORTHVILLE ROAD

C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood	Bracebridge	Orillia	Barrie
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SCALE: 1:250	JOB NO. 412414
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DWG. 504RT (RIGHT TURN)	



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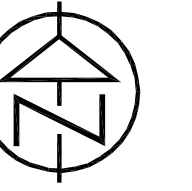
DELIVERY ROUTE INTERSECTION PLAN
CR. 18 BOG LINE
&
GORDON ROAD



C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood Bracebridge Orillia Barrie

SCALE: 1:250	JOB NO. 412414
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CR. 18 BOG LINE

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SEE SHEET 506RT FOR RIGHT HAND TURN

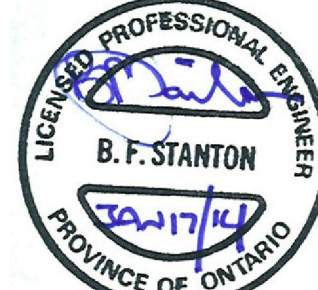
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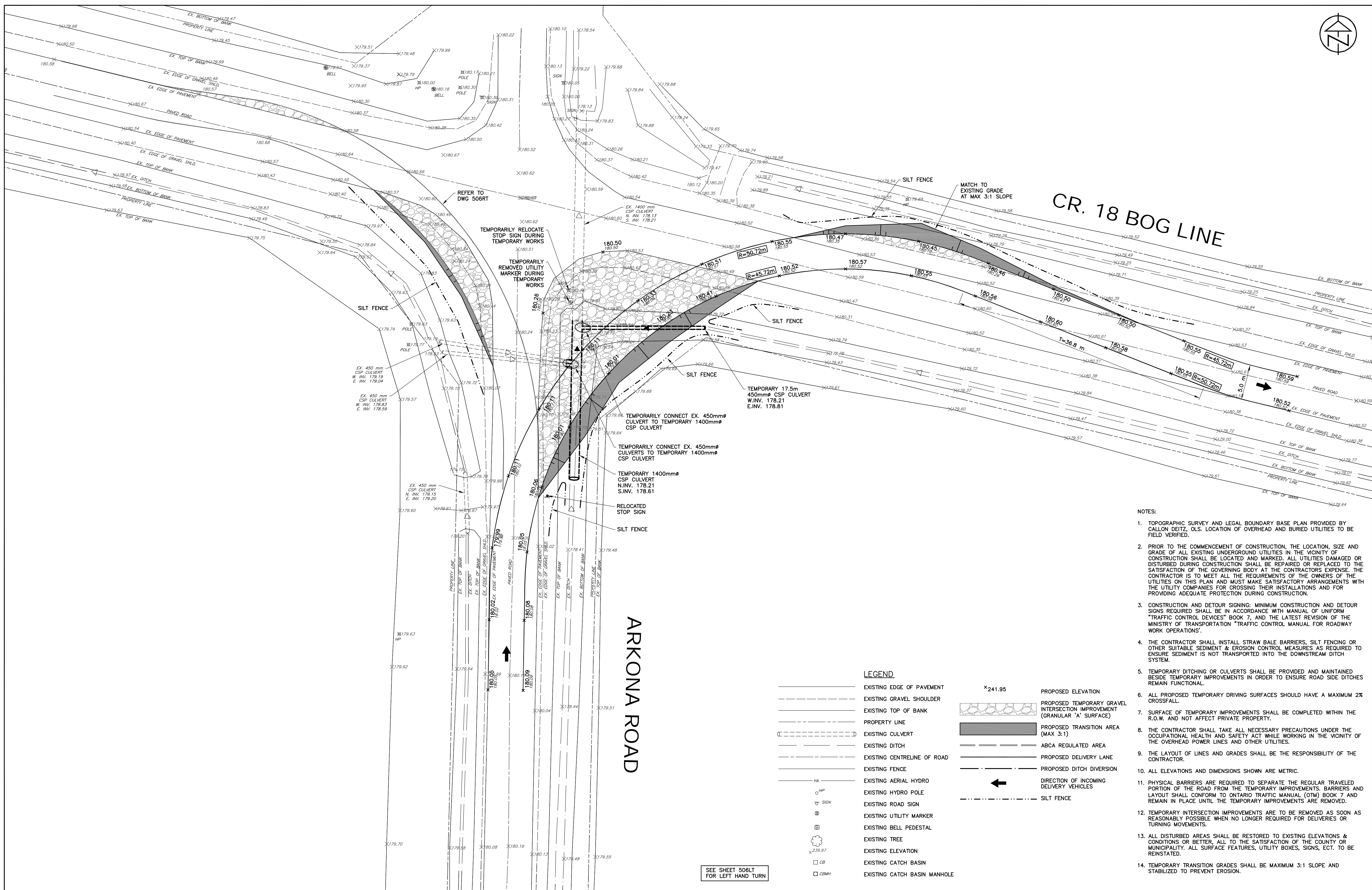
APPROVED



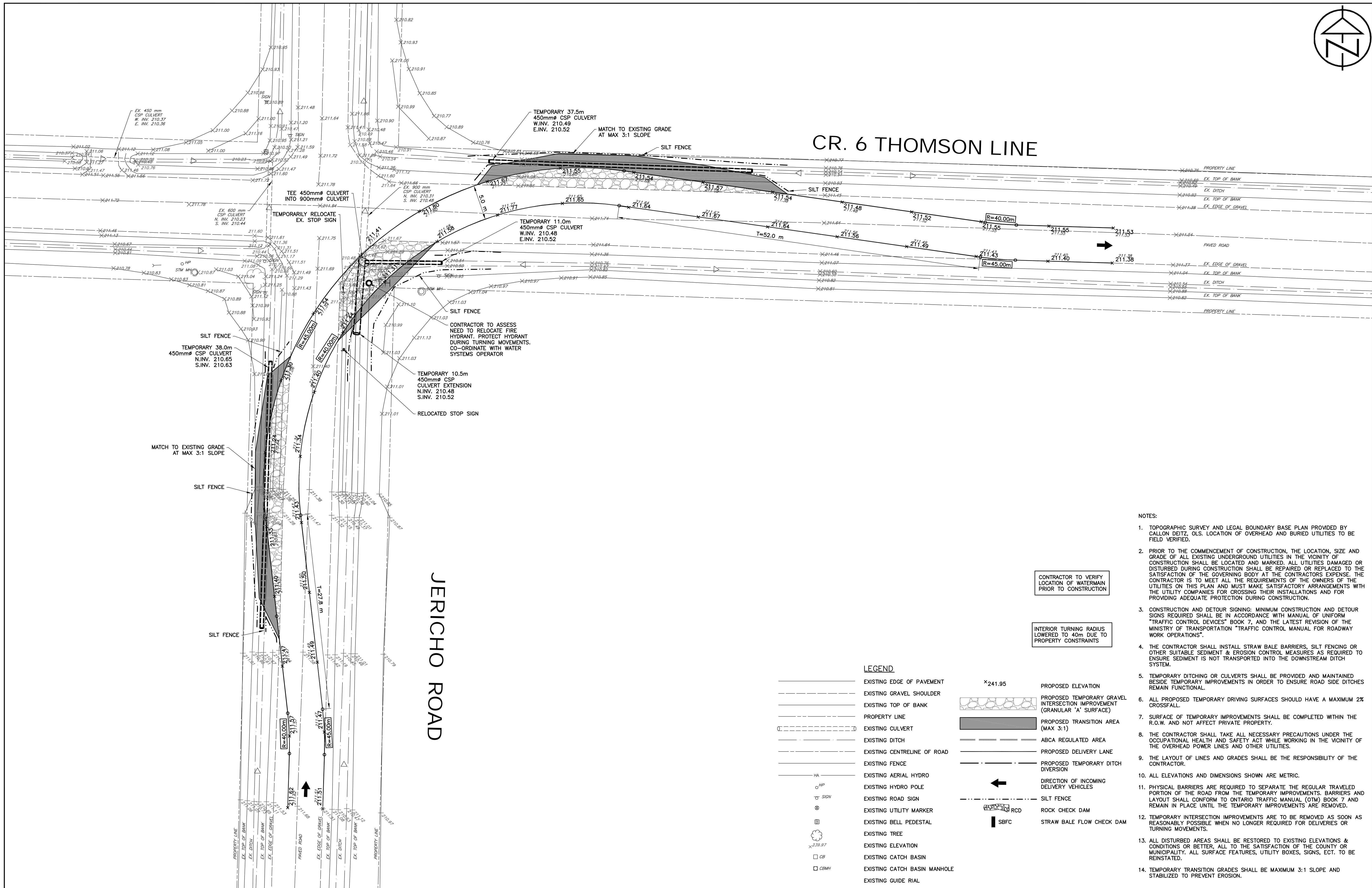
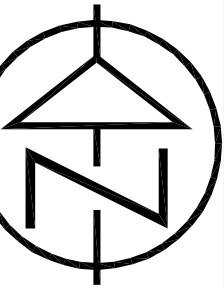
NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE
DELIVERY ROUTE INTERSECTION PLAN
CR. 18 BOG LINE
&
ARKONA ROAD



C.C. Tatham & Associates Ltd.
Consulting Engineers
Collingwood Bracebridge Orillia Barrie
SCALE: 1:250
DESIGN: SD
DRAWN: SD
CHECKED: BFS
DATE: JAN. /14
JOB NO. 412414
DWG. 506LT
(LEFT TURN)



	DWS.	100%
	(RIGHT TURN	



- NOTES:
1. TOPOGRAPHIC SURVEY AND LEGAL BOUNDARY BASE PLAN PROVIDED BY CALLON DEITZ. OLS. LOCATION OF OVERHEAD AND BURIED UTILITIES TO BE FIELD VERIFIED.
 2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE LOCATION, SIZE AND GRADE OF ALL EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF CONSTRUCTION SHALL BE LOCATED AND MARKED. ALL UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE GOVERNING BODY AT THE CONTRACTORS EXPENSE. THE CONTRACTOR IS TO MEET ALL THE REQUIREMENTS OF THE OWNERS OF THE UTILITIES ON THIS PLAN AND MUST MAKE SATISFACTORY ARRANGEMENTS WITH THE UTILITY COMPANIES FOR CROSSING THEIR INSTALLATIONS AND FOR PROVIDING ADEQUATE PROTECTION DURING CONSTRUCTION.
 3. CONSTRUCTION AND DETOUR SIGNING: MINIMUM CONSTRUCTION AND DETOUR SIGNS REQUIRED SHALL BE IN ACCORDANCE WITH MANUAL OF UNIFORM "TRAFFIC CONTROL DEVICES" BOOK 7, AND THE LATEST REVISION OF THE MINISTRY OF TRANSPORTATION "TRAFFIC CONTROL MANUAL FOR ROADWAY WORK OPERATIONS".
 4. THE CONTRACTOR SHALL INSTALL STRAW BALE BARRIERS, SILT FENCING OR OTHER SUITABLE SEDIMENT & EROSION CONTROL MEASURES AS REQUIRED TO ENSURE SEDIMENT IS NOT TRANSPORTED INTO THE DOWNSTREAM DITCH SYSTEM.
 5. TEMPORARY DITCHING OR CULVERTS SHALL BE PROVIDED AND MAINTAINED BESIDE TEMPORARY IMPROVEMENTS IN ORDER TO ENSURE ROAD SIDE DITCHES REMAIN FUNCTIONAL.
 6. ALL PROPOSED TEMPORARY DRIVING SURFACES SHOULD HAVE A MAXIMUM 2% CROSSFALL.
 7. SURFACE OF TEMPORARY IMPROVEMENTS SHALL BE COMPLETED WITHIN THE R.O.W. AND NOT AFFECT PRIVATE PROPERTY.
 8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS UNDER THE OCCUPATIONAL HEALTH AND SAFETY ACT WHILE WORKING IN THE VICINITY OF THE OVERHEAD POWER LINES AND OTHER UTILITIES.
 9. THE LAYOUT OF LINES AND GRADES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 10. ALL ELEVATIONS AND DIMENSIONS SHOWN ARE METRIC.
 11. PHYSICAL BARRIERS ARE REQUIRED TO SEPARATE THE REGULAR TRAVELED PORTION OF THE ROAD FROM THE TEMPORARY IMPROVEMENTS. BARRIERS AND LAYOUT SHALL CONFORM TO ONTARIO TRAFFIC MANUAL (OTM) BOOK 7 AND REMAIN IN PLACE UNTIL THE TEMPORARY IMPROVEMENTS ARE REMOVED.
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 14. TEMPORARY TRANSITION GRADES SHALL BE MAXIMUM 3:1 SLOPE AND STABILIZED TO PREVENT EROSION.

LEGEND

-----	EXISTING EDGE OF PAVEMENT	X241.95	PROPOSED ELEVATION
-----	EXISTING GRAVEL SHOULDER		PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT (GRANULAR 'A' SURFACE)
-----	EXISTING TOP OF BANK		PROPOSED TRANSITION AREA (MAX 3:1)
-----	PROPERTY LINE	-----	ABCA REGULATED AREA
-----	EXISTING CULVERT	-----	PROPOSED DELIVERY LANE
-----	EXISTING DITCH	-----	PROPOSED TEMPORARY DITCH DIVERSION
-----	EXISTING CENTRELINE OF ROAD	-----	DIRECTION OF INCOMING DELIVERY VEHICLES
-----	EXISTING FENCE	←	SILT FENCE
HA	EXISTING AERIAL HYDRO		ROCK CHECK DAM
○ HP	EXISTING HYDRO POLE		STRAW BALE FLOW CHECK DAM
○ SIGN	EXISTING ROAD SIGN		
⊗	EXISTING UTILITY MARKER		
⊕	EXISTING BELL PEDESTAL		
⊙	EXISTING TREE		
X239.97	EXISTING ELEVATION		
□ CB	EXISTING CATCH BASIN		
□ CBMH	EXISTING CATCH BASIN MANHOLE		
	EXISTING GUIDE RAIL		

CONTRACT DRAWINGS
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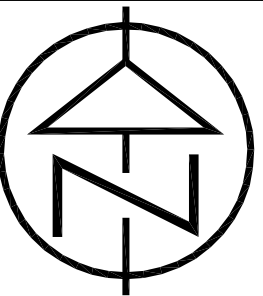
1.	SUBMITTED FOR REVIEW AND APPROVAL	JAN. 27/14	BFS
NO.	REVISIONS	DATE	INITIAL



NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE
DELIVERY ROUTE INTERSECTION PLAN
CR. 6 THOMSON LINE
&
JERICHO ROAD

C.C. Tatham & Associates Ltd.
Consulting Engineers
Collingwood Bracebridge Orillia Barrie

SCALE: 1:250	JOB NO. 412414
DESIGN: SD	CHECKED: BFS
DRAWN: SD	DATE: JAN. /14
DWG. 509	



FARMERS LINE

CR. 79 ARKONA ROAD

NOTES:

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LEGEND

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	EXISTING GRAVEL SHOULDER		PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT (GRANULAR 'A' SURFACE)
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	EXISTING DITCH		PROPOSED TEMPORARY DITCH DIVERSION
	EXISTING CENTRELINE OF ROAD		DIRECTION OF INCOMING DELIVERY VEHICLES
	EXISTING FENCE		SILT FENCE
	EXISTING AERIAL HYDRO		ROCK CHECK DAM
	EXISTING HYDRO POLE		STRAW BALE FLOW CHECK DAM
	EXISTING ROAD SIGN		
	EXISTING UTILITY MARKER		
	EXISTING BELL PEDESTAL		
	EXISTING TREE		
	EXISTING ELEVATION		
	EXISTING CATCH BASIN		
	EXISTING CATCH BASIN MANHOLE		
	EXISTING GUIDE RIAL		

LEGEND

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1.	SUBMITTED FOR REVIEW AND APPROVAL	JAN. 24/14	BFS
NO.	REVISIONS	DATE	INITIAL

APPROVED



NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE

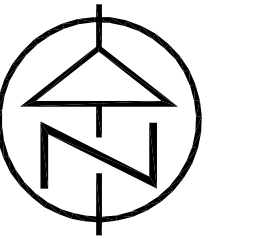
DELIVERY ROUTE INTERSECTION PLAN
FARMERS LINE
&
CR. 79 ARKONA ROAD



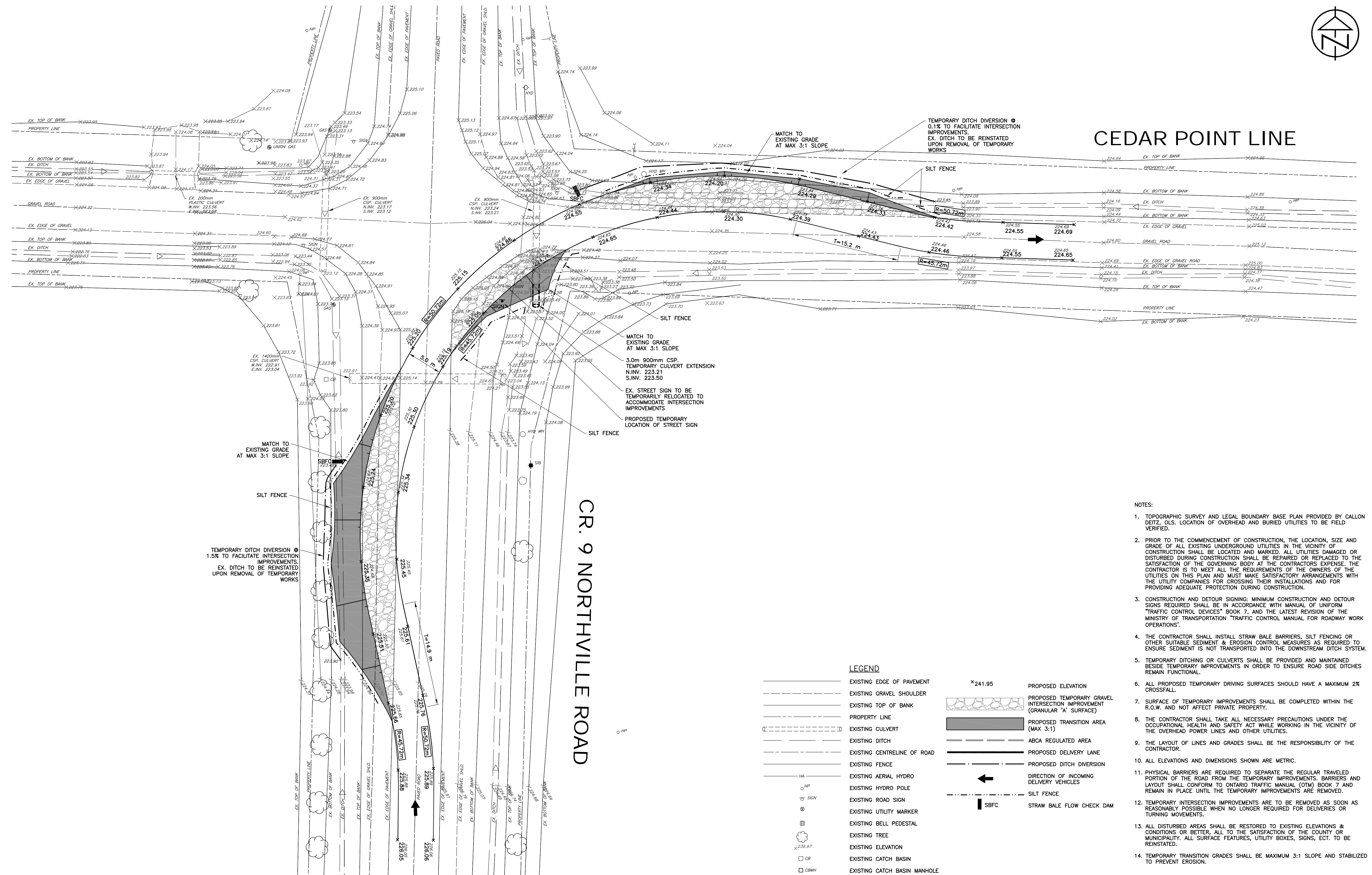
C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood Bracebridge Orillia Barrie

SCALE: 1:250	JOB NO. 412414
DESIGN: SD	CHECKED: BFS
DRAWN: SD	DATE: JAN. /14
DWG. 510	



CEDAR POINT LINE



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1.	SUBMITTED FOR APPROVAL	JAN. 17/14	BFS
NO.	REVISIONS	DATE	INITIAL



NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE
DELIVERY ROUTE INTERSECTION PLAN
CEDAR POINT LINE
&
CR. 9 NORTHVILLE ROAD

C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood	Bracebridge	Orillia	Barrie
-------------	-------------	---------	--------

SCALE: 1:250
DESIGN: SD
DRAWN: SD

CHECKED: BFS
DATE: JAN. /14

JOB NO. 412414
DWG. 513

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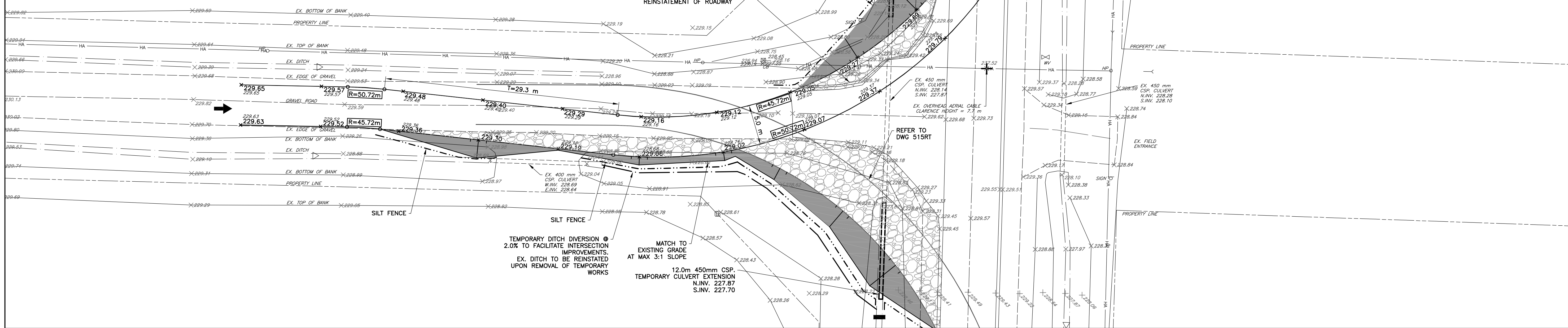
- LEGEND
- EXISTING EDGE OF PAVEMENT
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 - EXISTING ELEVATION
 - EXISTING CATCH BASIN
 - EXISTING CATCH BASIN MANHOLE
- HA
- HP
- SGN
- 239.97
- CB
- CBMH

REFER TO DWG 515RT
FOR RIGHT HAND TURN

- *241.95
- PROPOSED ELEVATION
- PROPOSED TEMPORARY GRAVEL
INTERSECTION IMPROVEMENT
(GRANULAR 'A' SURFACE)
- PROPOSED TRANSITION AREA
(MAX 3:1)
- ABCA REGULATED AREA
- PROPOSED DELIVERY LANE
- PROPOSED DITCH DIVERSION
- DIRECTION OF INCOMING
DELIVERY VEHICLES
- SILT FENCE
- SBFC
- STRAW BALE FLOW CHECK DAM

CR. 79 ARKONA ROAD

CEDAR POINT LINE



LEGEND

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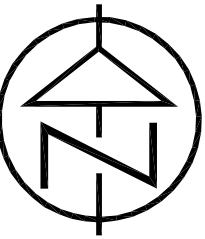
NEXTERA ENERGY CANADA, ULC
JERICHO WIND ENERGY CENTRE

DELIVERY ROUTE INTERSECTION PLAN
CEDAR POINT LINE
&
CR. 79 ARKONA ROAD



C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood	Bracebridge	Orillia	Barrie
SCALE: 1:250	JOB NO. 412414		
DESIGN: SD	CHECKED: BFS	DWG. 515LT	
DRAWN: SD	DATE: JAN. /14	(LEFT TURN)	



CEDAR POINT LINE

CR. 79 ARKONA ROAD

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REFER TO DWG 515LT
FOR LEFT HAND TURN

LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING GRAVEL SHOULDER
- EXISTING TOP OF BANK
- PROPERTY LINE
- EXISTING CULVERT
- EXISTING DITCH
- EXISTING CENTRELINE OF ROAD
- EXISTING FENCE
- EXISTING AERIAL HYDRO
- EXISTING HYDRO POLE
- EXISTING ROAD SIGN
- EXISTING UTILITY MARKER
- EXISTING BELL PEDESTAL
- EXISTING TREE
- EXISTING ELEVATION
- EXISTING CATCH BASIN
- EXISTING CATCH BASIN MANHOLE

- PROPOSED ELEVATION
- PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT (GRANULAR 'A' SURFACE)
- PROPOSED TRANSITION AREA (MAX 3:1)
- ABCA REGULATED AREA
- PROPOSED DELIVERY LANE
- PROPOSED DITCH DIVERSION
- DIRECTION OF INCOMING DELIVERY VEHICLES
- SILT FENCE
- STRAW BALE FLOW CHECK DAM

LEGEND

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NO.	REVISIONS	DATE	INITIAL
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APPROVED



NEXTERA ENERGY CANADA, ULC
JERICO WIND ENERGY CENTRE

DELIVERY ROUTE INTERSECTION PLAN
CEDAR POINT LINE
&
CR. 79 ARKONA ROAD (RIGHT TURN)



C.C. Tatham & Associates Ltd.
Consulting Engineers

Collingwood Bracebridge Orillia Barrie

SCALE: 1:250	JOB NO. 412414
DESIGN: SD	CHECKED: BFS
DRAWN: SD	DATE: JAN. /14
DWG. 515RT	(RIGHT TURN)