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- FOR FIBER PULL BOX DETAILS REFER TO DRAWING E404-1.
- ALL ELECTRICAL WORK ASSOCIATED WITH THE COLLECTOR SYSTEM AND SHOWN ON THIS LAYOUT IS DIAGRAMMATIC AND SHALL COMPLY WITH THE CONSTRUCTIBLE LIMITS FOR THIS PROJECT ONCE LIMITS ARE CONFIRMED.

Legend

- S## WIND TURBINE GENERATOR (WTG)
- JB### 34.5KV COLLECTOR CIRCUIT JUNCTION UNIT (PROPOSED LOCATION)
- FJB# 34.5KV COLLECTOR CIRCUIT FIBER JUNCTION
- CS 34.5KV/115KV SUBSTATION
- 34.5KV COLLECTOR CIRCUIT 1
- 34.5KV COLLECTOR CIRCUIT 2
- 34.5KV COLLECTOR CIRCUIT 3
- CONSTRUCTION LIMIT
- WATERCOURSES
- WOODED AREA
- PROPERTY LINE
- FENCE
- E407 DET.A TRENCHING AND BORING INSTALLATION REFERENCES. REFERS TO E400 SERIES DRAWING DETAILS
- E406 DET.A TRENCHING AND BORING INSTALLATION REFERENCES. REFERS TO E400 SERIES DRAWING DETAILS

B	ISSUED FOR MUNICIPAL CONSENT	BM	AR	17.02.03
A	ISSUED FOR MUNICIPAL CONSENT	JM	AR	17.01.19
Issued		By	Appd.	YY.MM.DD
File Name:	dwg_60104_AWF_E402.dwg	BM	JR	BM/JM
		Dwn.	Chkd.	Dgn.
				YY.MM.DD

Permit Seal

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Client/Project

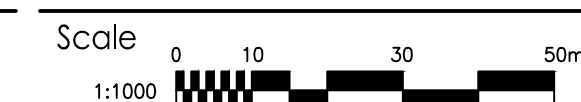


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

34.5KV COLLECTOR SYSTEM
OVERALL LAYOUT

Project No.
133560104



Drawing No.

Sheet

Revision

E402A

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B



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2017/02/03 14:11 PM By: nicola.blewett

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AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

34.5kV COLLECTOR SYSTEM
OVERALL LAYOUT

Project No.
133560104

Scale
1:1000

Drawing No.

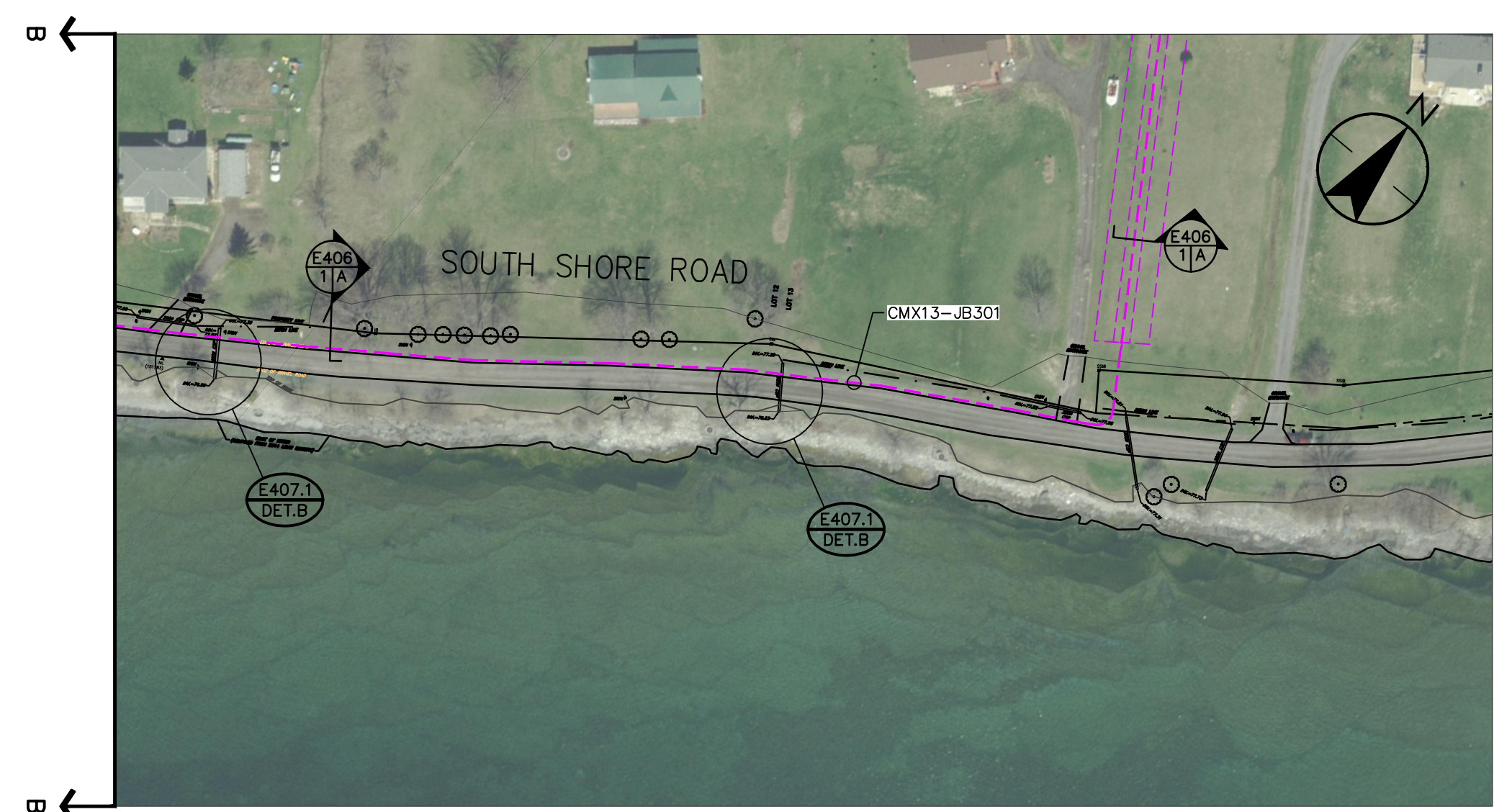
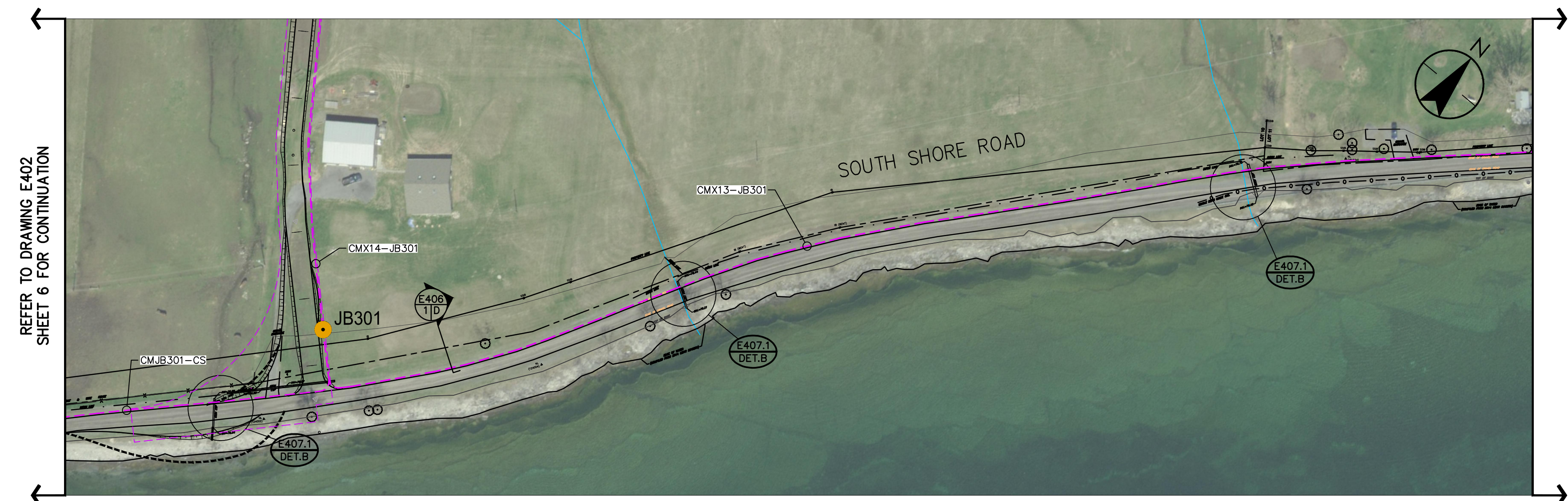
Sheet
7 of 10

Revision

E402A

7 of 10

B



REFER TO DRAWING E402
SHEET 6 FOR CONTINUATION

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				YY.MM.DD

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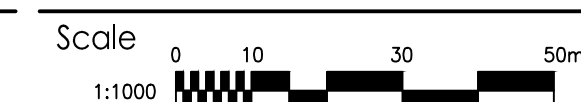


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

34.5kV COLLECTOR SYSTEM
OVERALL LAYOUT

Project No.
133560104



Drawing No.

Sheet 8 of 10 Revision

E402A

8 of 10

B



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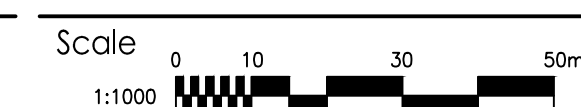


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

34.5kV COLLECTOR SYSTEM
OVERALL LAYOUT

Project No.
133560104



Drawing No.

Sheet

Revision

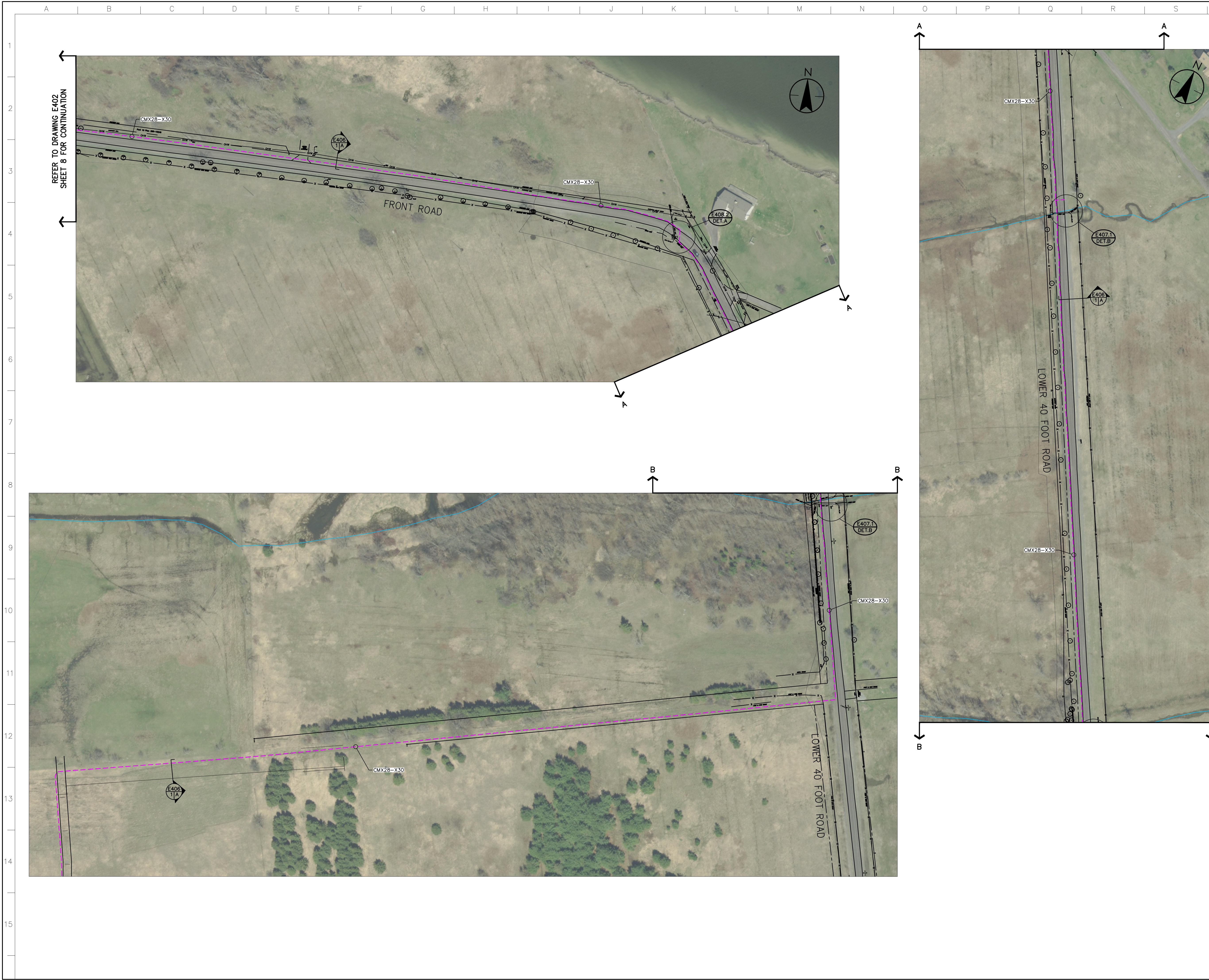
E402A

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B

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ORIGINAL SHEET - ARCHD



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				YY.MM.DD

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Client/Project



AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

34.5kV COLLECTOR SYSTEM
OVERALL LAYOUT

Project No.
133560104

Scale
1:1000

Drawing No.

Sheet

Revision

E402A

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B

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ORIGINAL SHEET - ARCHD



REFER TO DRAWING E402
SHEET 3 FOR CONTINUATION



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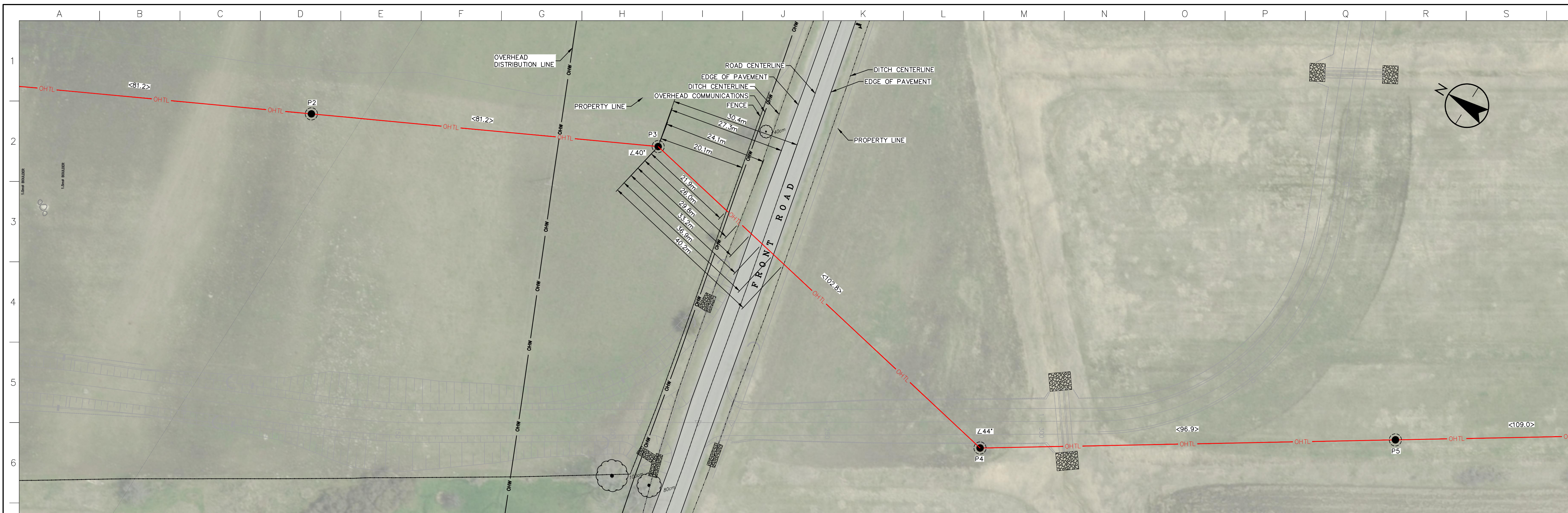
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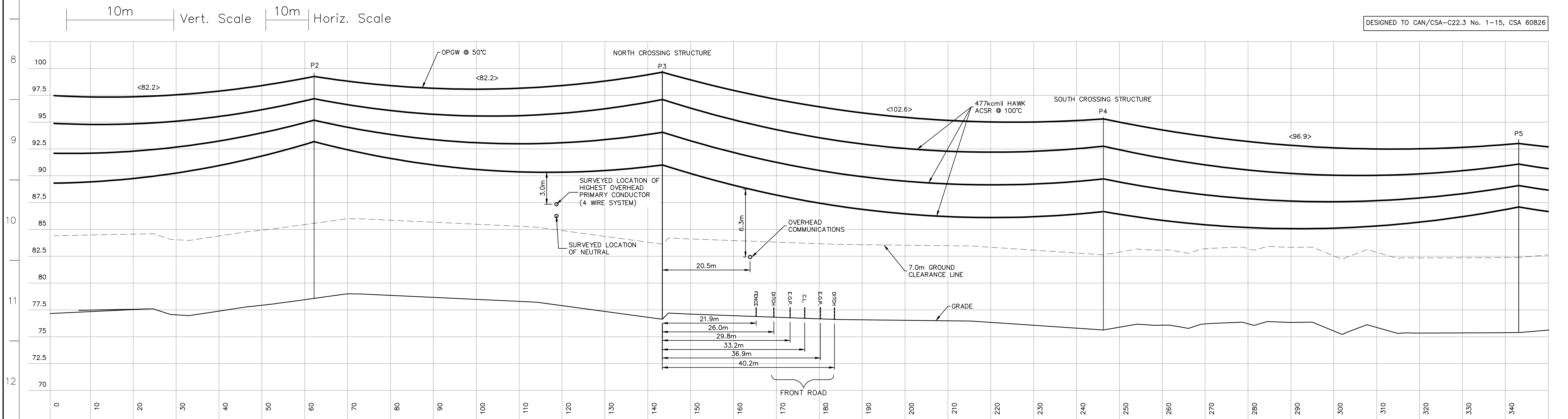
- REFER TO E801 FOR FULL PLAN AND PROFILE
- NORTHING AND EASTING COORDINATES PROVIDED IN NAD83 (CSRS) UTM ZONE 18N COORDINATE SYSTEM
- ALL DIMENSIONS PROVIDED IN METERS UNLESS OTHERWISE NOTED

Legend

- 115KV OVERHEAD TRANSMISSION LINE
- PROPOSED POLE
- MEASURED SPAN LENGTH (m)
- MEASURED LINE ANGLE
- EDGE OF PAVEMENT
- ROAD CENTERLINE



A OVERHEAD TRANSMISSION LINE – PLAN VIEW
Scale 1:500



B OVERHEAD TRANSMISSION LINE – PROFILE VIEW
Scale Horiz = 1:500 Vert = EXAGGERATED 2.5x (1:200)

POLE	HEIGHT	TYPE	INSTALLATION	REFERENCE DRAWING NO.	NORTHING	EASTING
P1	21.34m (70)	RISER POLE	CONCRETE FOUNDATION	E806	4892083.0	363119.7
P2	24.38m (80)	TANGENT	DIRECT EMBEDMENT	E802	4892010.5	363156.4
P3	24.38m (80)	HEAVY ANGLE	CONCRETE FOUNDATION	E805	4891938.0	363193.0
P4	19.82m (65)	HEAVY ANGLE	CONCRETE FOUNDATION	E805	4891837.02	363173.50
P5	21.34m (70)	TANGENT	DIRECT EMBEDMENT	E802	4891756.054	363226.72
P6	21.34m (70)	TANGENT	DIRECT EMBEDMENT	E802	4891665	363286.60
P7	25.91m (85)	TANGENT	DIRECT EMBEDMENT	E802	4891555	363358.90
P8	24.39m (80)	HEAVY ANGLE	CONCRETE FOUNDATION	E805	4891457	363423.50
P9	24.39m (80)	SMALL ANGLE	DIRECT EMBEDMENT	E804	4891353.012	363393.92
P10	24.39m (80)	SMALL ANGLE	DIRECT EMBEDMENT	E804	4891303.416	363368.39
P11	24.39m (80)	SMALL ANGLE	DIRECT EMBEDMENT	E804	4891218.749	363315.90
P12	21.34m (70)	STATION ANGLE	CONCRETE FOUNDATION	E803	4891132.797	363252.49
P13	SEE S211	TERMINATION GANTRY	CONCRETE FOUNDATION	S211	-	-

Revision	By	Appd.	YY.MM.DD
B P2 & P3 LOCATIONS MODIFIED	JL	JR	17.02.03
A ISSUED FOR MUNICIPAL CONSENT	JL	JR	17.01.19

ISSUED FOR PERMITTING

Client/Project
PENNECON HEAVY CIVIL
AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title
**115KV OVERHEAD TRANSMISSION LINE
PLAN & PROFILE
CROSSING PROFILE - FRONT ROAD**

Project No.	Scale	
13356104	AS NOTED	
Drawing No.	Sheet	Revision
E810	1 of 1	B

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