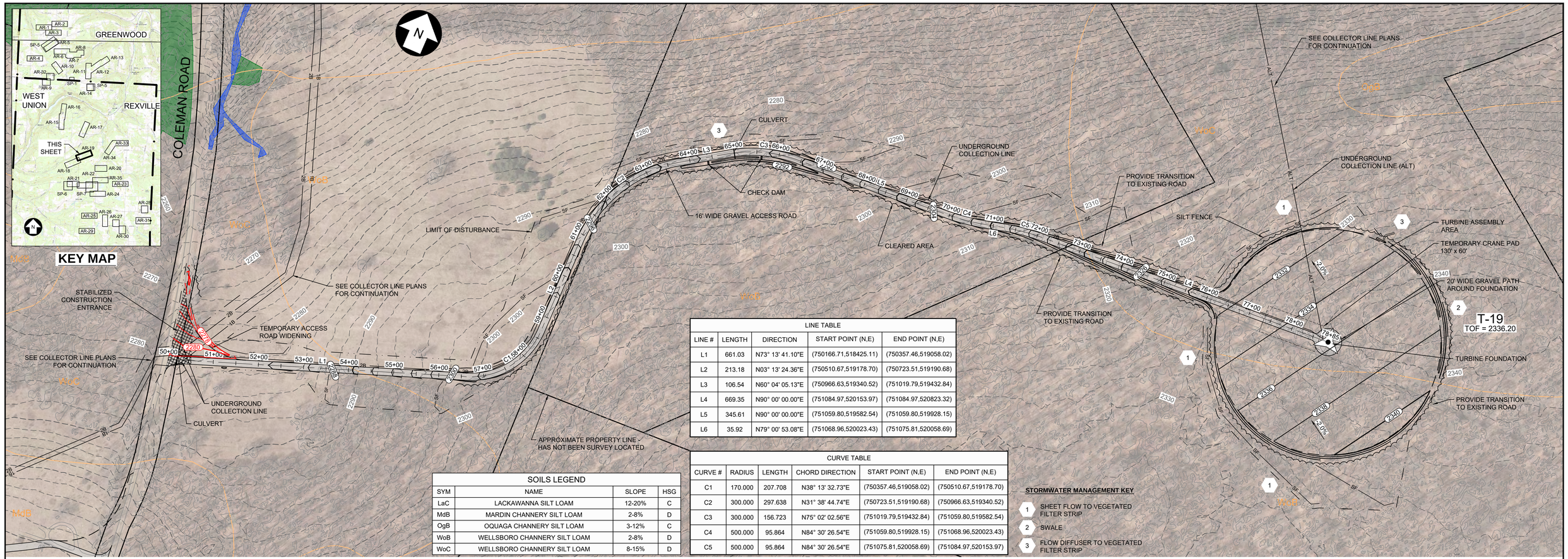


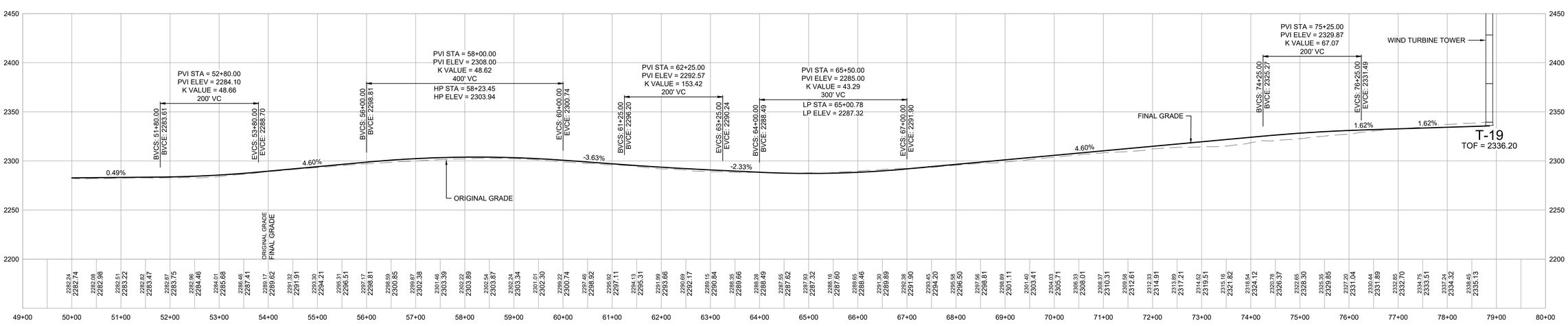
LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	661.03	N73° 13' 41.10"E	(750166.71,518425.11)	(750357.46,519058.02)
L2	213.18	N03° 13' 24.36"E	(750510.67,519178.70)	(750723.51,519190.68)
L3	106.54	N60° 04' 05.13"E	(750966.63,519340.52)	(751019.79,519432.84)
L4	669.35	N90° 00' 00.00"E	(751084.97,520153.97)	(751084.97,520823.32)
L5	345.61	N90° 00' 00.00"E	(751059.80,519582.54)	(751059.80,519928.15)
L6	35.92	N79° 00' 53.08"E	(751068.96,520023.43)	(751075.81,520058.69)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	170.000	207.708	N38° 13' 32.73"E	(750357.46,519058.02)	(750510.67,519178.70)
C2	300.000	297.638	N31° 38' 44.74"E	(750723.51,519190.68)	(750966.63,519340.52)
C3	300.000	156.723	N75° 02' 02.56"E	(751019.79,519432.84)	(751059.80,519582.54)
C4	500.000	95.864	N84° 30' 26.54"E	(751059.80,519928.15)	(751068.96,520023.43)
C5	500.000	95.864	N84° 30' 26.54"E	(751075.81,520058.69)	(751084.97,520153.97)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LaC	LACKAWANNA SILT LOAM	12-20%	C
MdB	MARDIN CHANNERY SILT LOAM	2-8%	D
OgB	OQUAGA CHANNERY SILT LOAM	3-12%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

T-19 ACCESS ROAD PLAN

SCALE: 1" = 100'



T-19 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

TRC
249 Western Avenue
Augusta, ME 04330

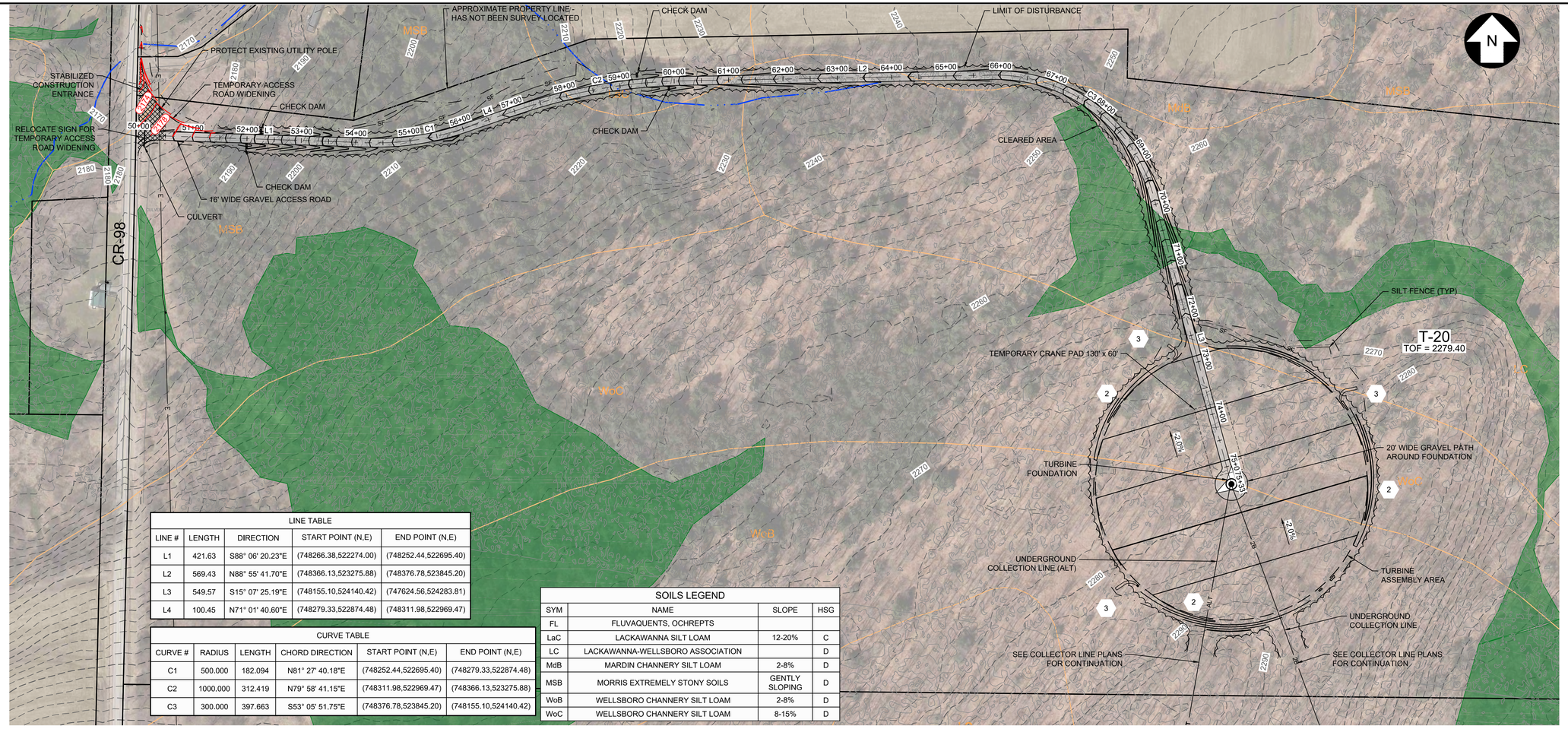
PROJECT NO: 246409

REV	DESCRIPTION	DATE	DES	CHK	APP
C	ISSUED FOR CLIENT REVIEW	03/02/18	DED	PMM	AMW
B	PRE-FINAL CLIENT REVIEW	08/04/17	DED	PMM	AMW
A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-19 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC AR-19 REV. C



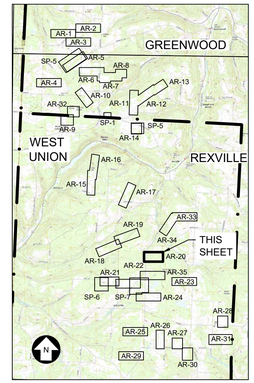
LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	421.63	S88° 06' 20.23"E	(748266.38,522274.00)	(748252.44,522695.40)
L2	569.43	N88° 55' 41.70"E	(748366.13,523275.88)	(748376.78,523845.20)
L3	549.57	S15° 07' 25.19"E	(748155.10,524140.42)	(747624.56,524283.81)
L4	100.45	N71° 01' 40.60"E	(748279.33,522874.48)	(748311.98,522969.47)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	500.000	182.094	N81° 27' 40.18"E	(748252.44,522695.40)	(748279.33,522874.48)
C2	1000.000	312.419	N79° 58' 41.15"E	(748311.98,522969.47)	(748366.13,523275.88)
C3	300.000	397.663	S53° 05' 51.75"E	(748376.78,523845.20)	(748155.10,524140.42)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
FL	FLUVAQUENTS, OCHREPTS		
LaC	LACKAWANNA SILT LOAM	12-20%	C
LC	LACKAWANNA-WELLSBORO ASSOCIATION		D
MdB	MARDIN CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

T-20 ACCESS ROAD PLAN

SCALE: 1" = 100'



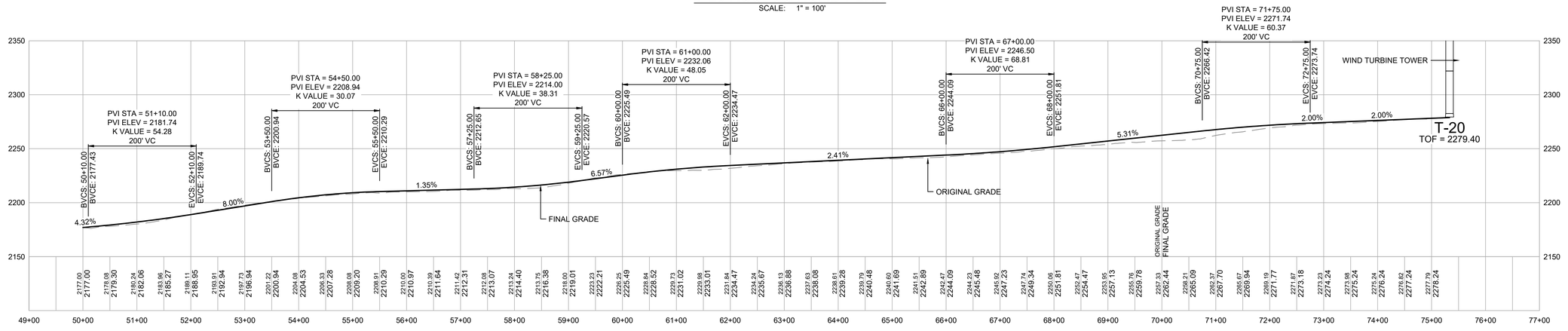
KEY MAP

STORMWATER MANAGEMENT KEY

1 SHEET FLOW TO VEGETATED FILTER STRIP

2 SWALE

3 FLOW DIFFUSER TO VEGETATED FILTER STRIP



T-20 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

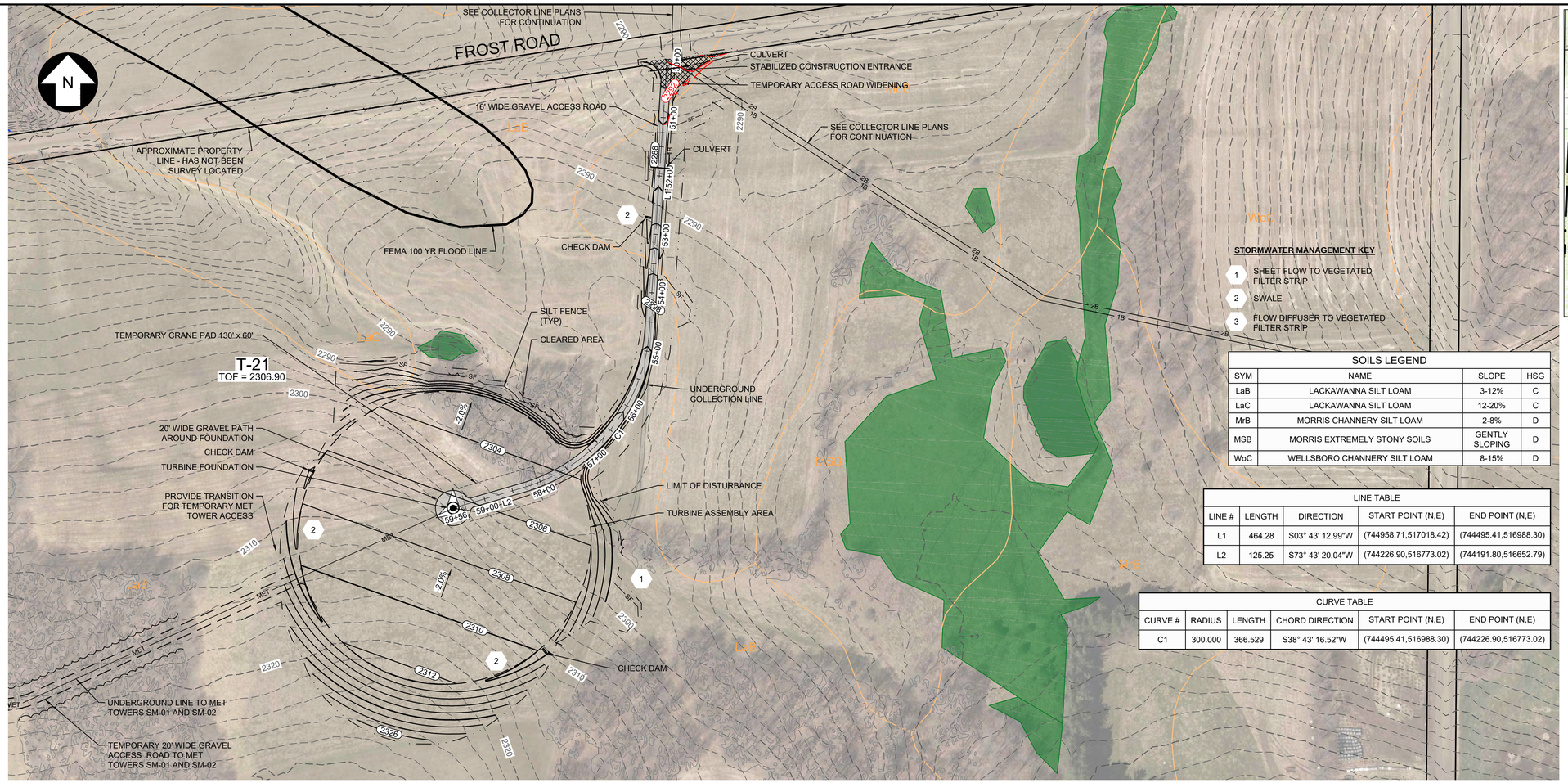
T-20 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

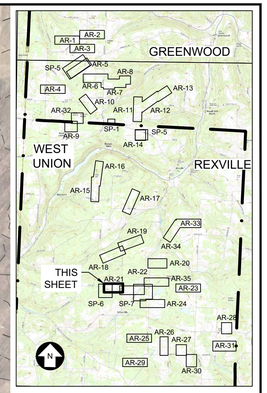
AR-20

REV. C



T-21 ACCESS ROAD PLAN

SCALE: 1" = 100'

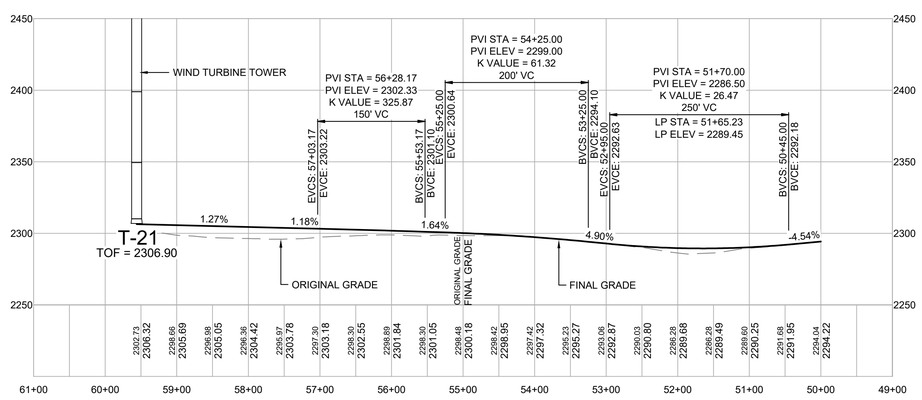


KEY MAP

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LaB	LACKAWANNA SILT LOAM	3-12%	C
LaC	LACKAWANNA SILT LOAM	12-20%	C
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	464.28	S03° 43' 12.99"W	(744958.71,517018.42)	(744495.41,516988.30)
L2	125.25	S73° 43' 20.04"W	(744226.90,516773.02)	(744191.80,516652.79)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	300.000	366.529	S38° 43' 16.52"W	(744495.41,516988.30)	(744226.90,516773.02)



T-21 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

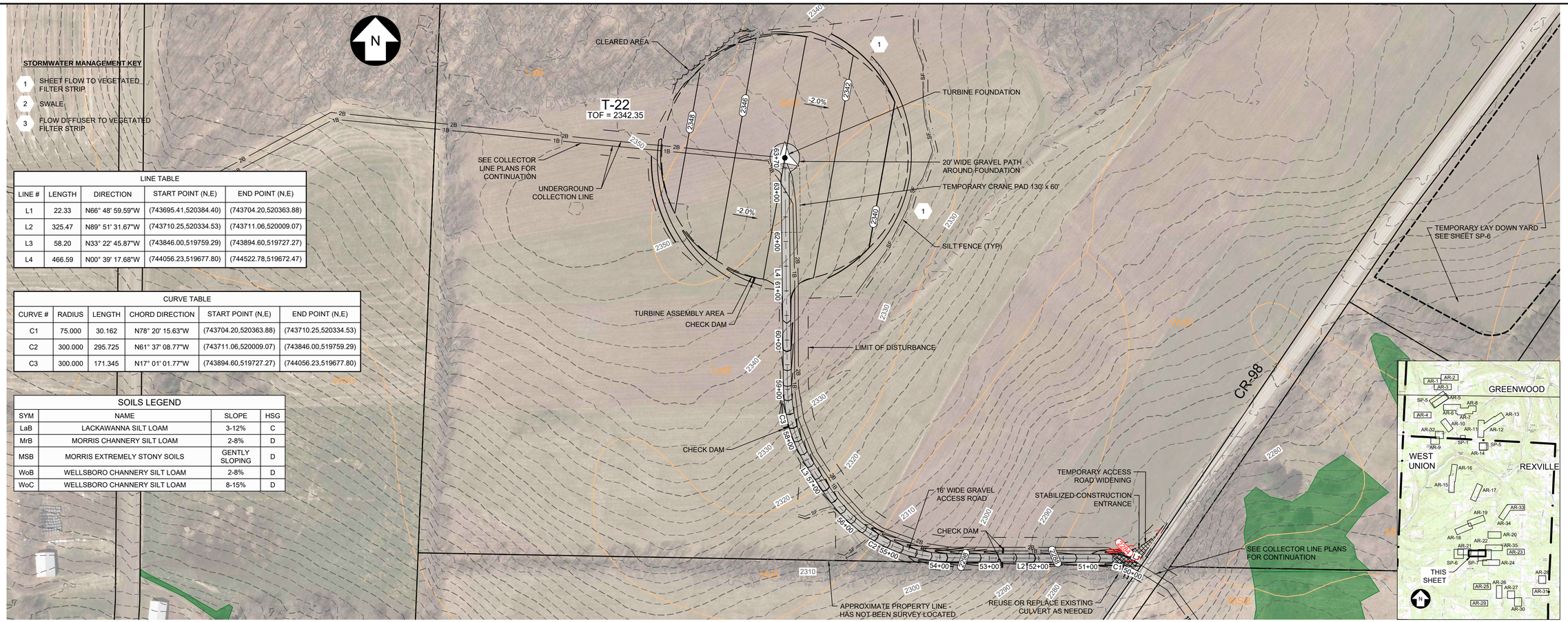
T-21 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

AR-21

REV. C



T-22 ACCESS ROAD PLAN

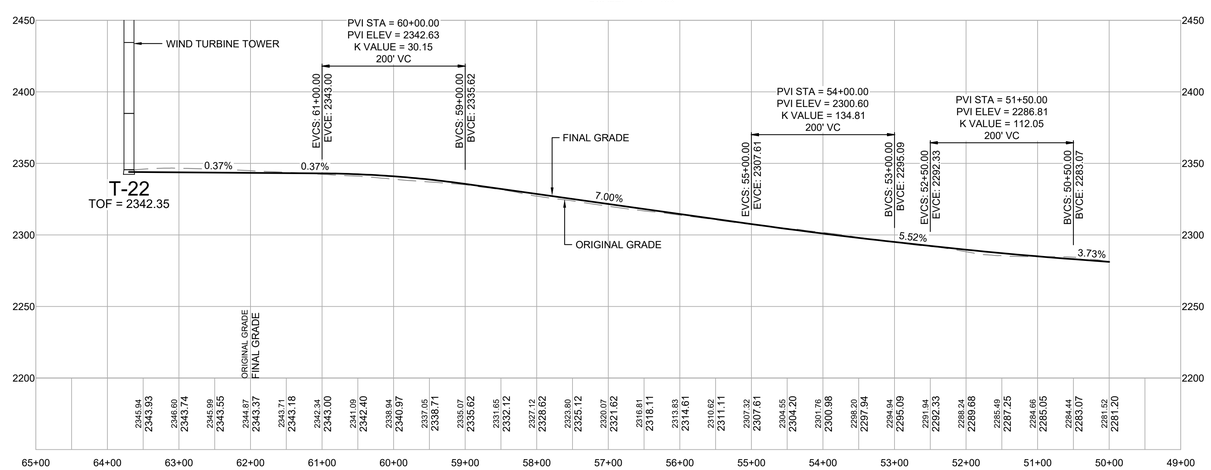
SCALE: 1" = 100'

KEY MAP

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	22.33	N66° 48' 59.59"W	(743695.41,520384.40)	(743704.20,520363.88)
L2	325.47	N89° 51' 31.67"W	(743710.25,520334.53)	(743711.06,520009.07)
L3	58.20	N33° 22' 45.87"W	(743846.00,519759.29)	(743894.60,519727.27)
L4	466.59	N00° 39' 17.68"W	(744056.23,519677.80)	(744522.78,519672.47)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	75.000	30.162	N78° 20' 15.63"W	(743704.20,520363.88)	(743710.25,520334.53)
C2	300.000	295.725	N61° 37' 08.77"W	(743711.06,520009.07)	(743846.00,519759.29)
C3	300.000	171.345	N17° 01' 01.77"W	(743894.60,519727.27)	(744056.23,519677.80)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LaB	LACKAWANNA SILT LOAM	3-12%	C
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D



T-22 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT
SCALE: 1" = 100'

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

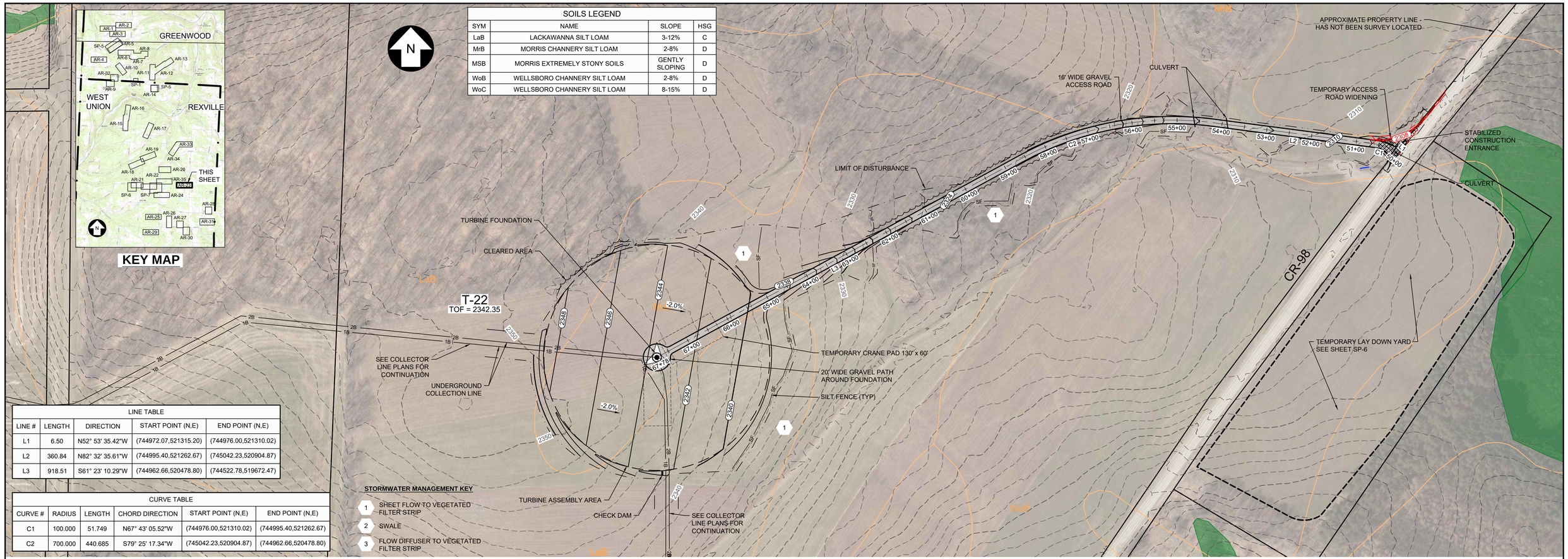
T-22 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

AR-22A

REV. C



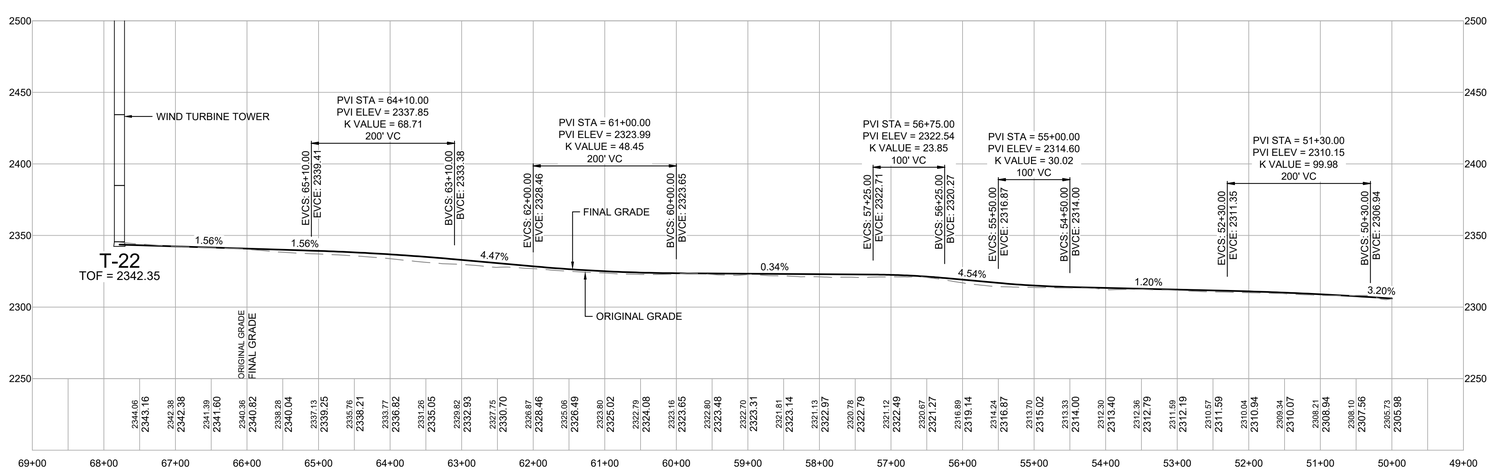
SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LaB	LACKAWANNA SILT LOAM	3-12%	C
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	6.50	N52° 53' 35.42"W	(744972.07,521315.20)	(744976.00,521310.02)
L2	360.84	N82° 32' 35.61"W	(744995.40,521262.67)	(745042.23,520904.87)
L3	918.51	S61° 23' 10.29"W	(744962.66,520478.80)	(744522.78,519672.47)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	100.000	51.749	N67° 43' 05.52"W	(744976.00,521310.02)	(744995.40,521262.67)
C2	700.000	440.685	S79° 25' 17.34"W	(745042.23,520904.87)	(744962.66,520478.80)

T-22 OPTIONAL ACCESS ROAD PLAN

SCALE: 1" = 100'



T-22 OPTIONAL ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

3/17 DATE
AS NOTED SCALE

T-22 OPTIONAL ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC

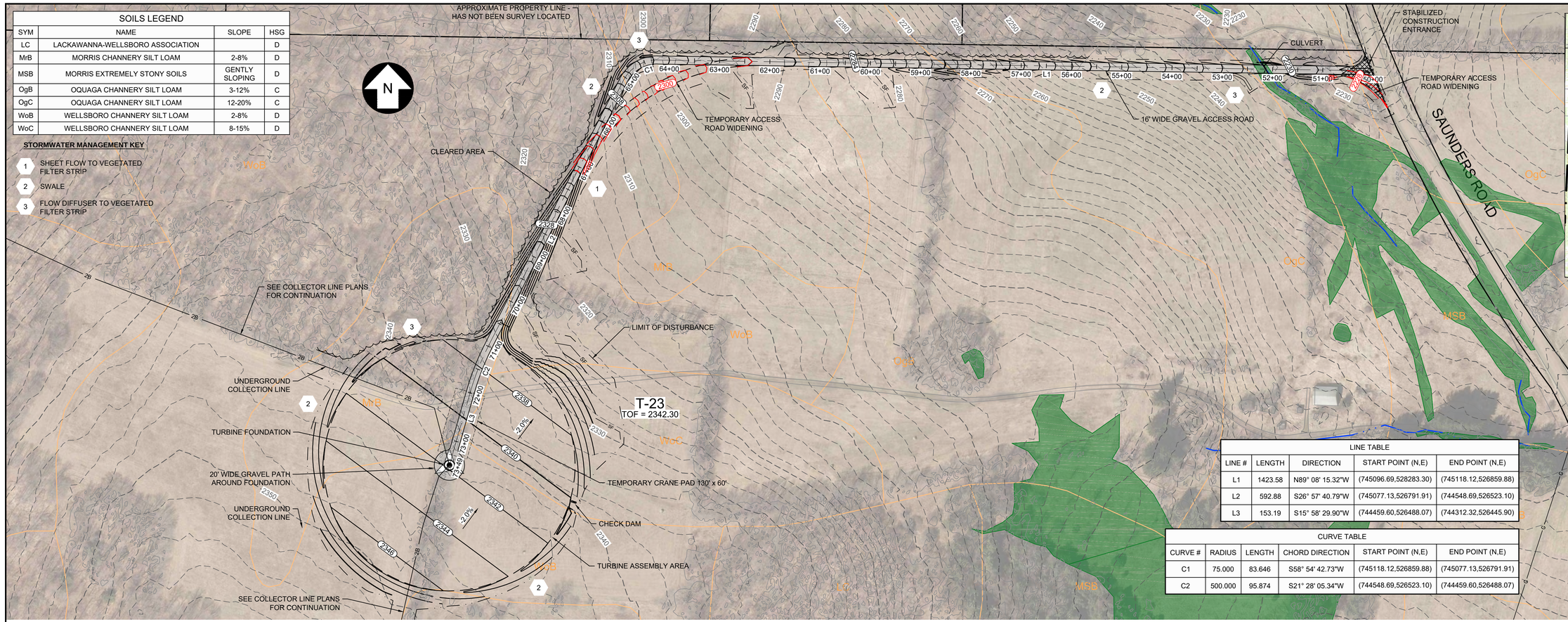
AR-22B

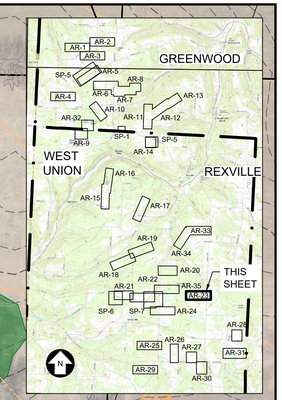
REV. C

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LC	LACKAWANNA-WELLSBORO ASSOCIATION		D
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
OgB	OQUAGA CHANNERY SILT LOAM	3-12%	C
OgC	OQUAGA CHANNERY SILT LOAM	12-20%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

STORMWATER MANAGEMENT KEY

1. SHEET FLOW TO VEGETATED FILTER STRIP
2. SWALE
3. FLOW DIFFUSER TO VEGETATED FILTER STRIP





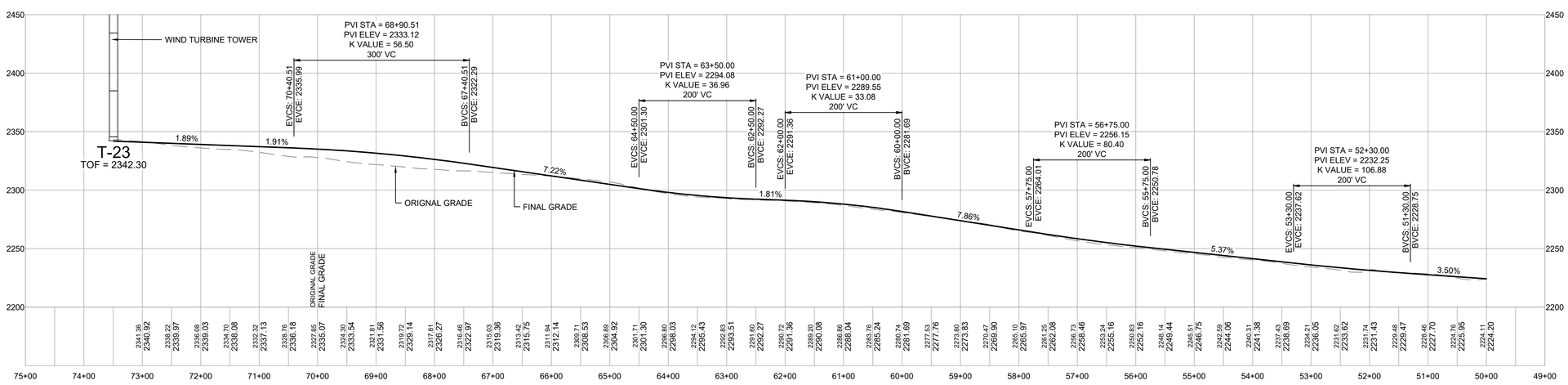
KEY MAP

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	1423.58	N89° 08' 15.32"W	(745096.69,528283.30)	(745118.12,526859.88)
L2	592.88	S26° 57' 40.79"W	(745077.13,526791.91)	(744548.69,526523.10)
L3	153.19	S15° 58' 29.90"W	(744459.60,526488.07)	(744312.32,526445.90)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	75.000	83.646	S58° 54' 42.73"W	(745118.12,526859.88)	(745077.13,526791.91)
C2	500.000	95.874	S21° 28' 05.34"W	(744548.69,526523.10)	(744459.60,526488.07)

T-23 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'



T-23 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

Call 811 before you dig

SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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Augusta, ME 04330

PROJECT NO: 246409

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

T-23 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

AR-23

REV. C

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LaB	LACKAWANNA SILT LOAM	3-12%	C
LaC	LACKAWANNA SILT LOAM	12-20%	C
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D

STORMWATER MANAGEMENT KEY

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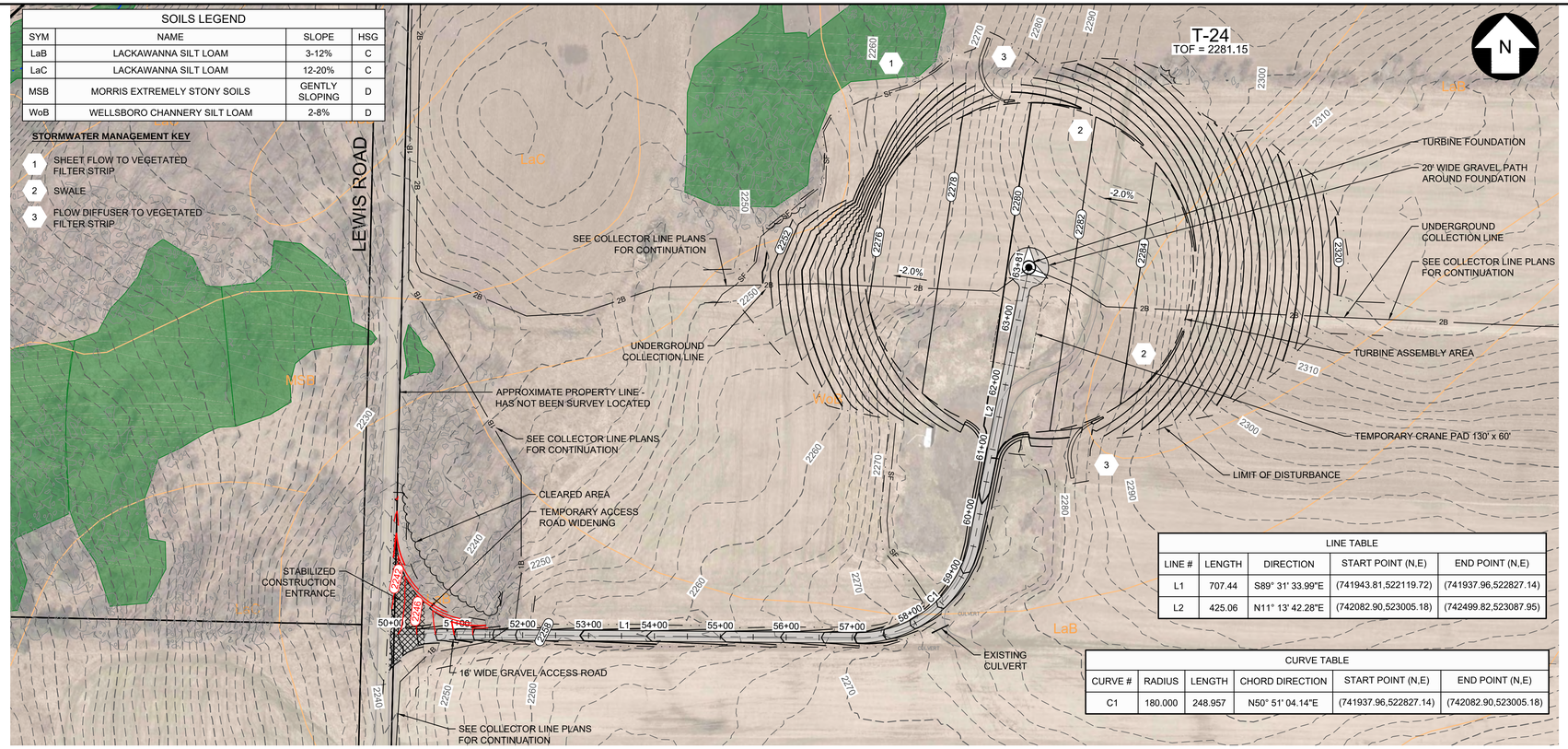
2. SWALE
3. FLOW DIFFUSER TO VEGETATED FILTER STRIP

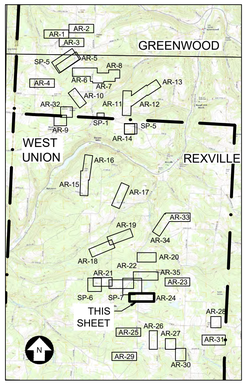


LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	707.44	S89° 31' 33.99"E	(741943.81,522119.72)	(741937.96,522827.14)
L2	425.06	N11° 13' 42.28"E	(742082.90,523005.18)	(742499.82,523087.95)

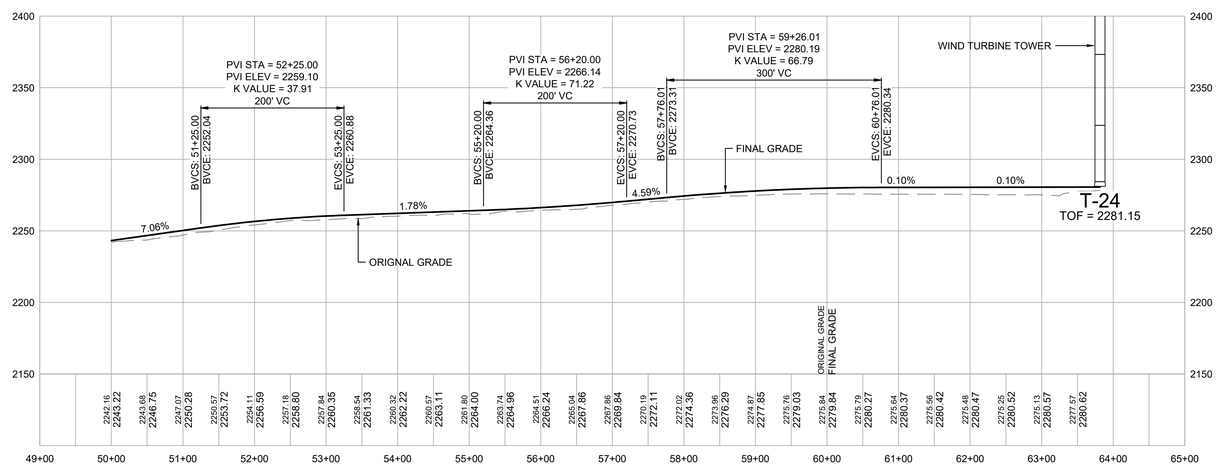
CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	180.000	248.957	N50° 51' 04.14"E	(741937.96,522827.14)	(742082.90,523005.18)

T24 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'



KEY MAP



T24 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

REV	DESCRIPTION	DATE	DES	CHK	APP
C	ISSUED FOR CLIENT REVIEW	03/02/18	DED	PMM	AMW
B	PRE-FINAL CLIENT REVIEW	08/04/17	DED	PMM	AMW
A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

T-24 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

AR-24

REV. C

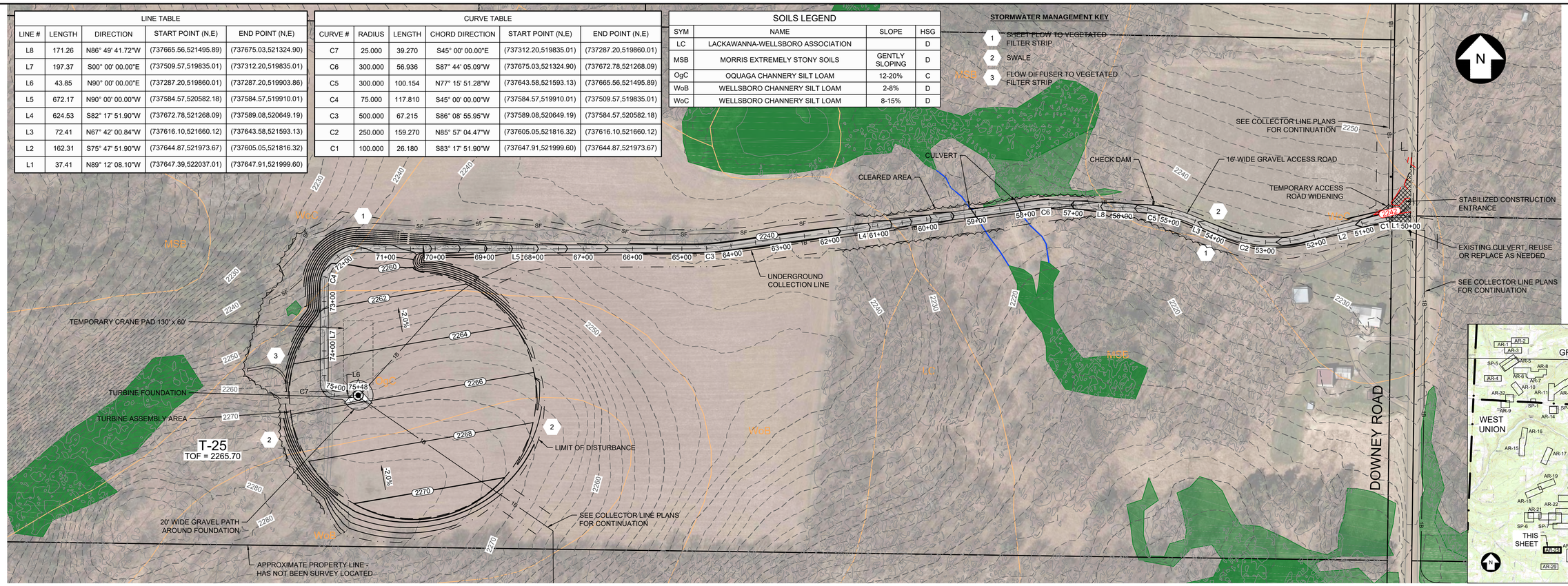
LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L8	171.26	N86° 49' 41.72"W	(737665.56,521495.89)	(737675.03,521324.90)
L7	197.37	S00° 00' 00.00"E	(737509.57,519835.01)	(737312.20,519835.01)
L6	43.85	N90° 00' 00.00"E	(737287.20,519860.01)	(737287.20,519903.86)
L5	672.17	N90° 00' 00.00"W	(737584.57,520582.18)	(737584.57,519910.01)
L4	624.53	S82° 17' 51.90"W	(737672.78,521268.09)	(737589.08,520649.19)
L3	72.41	N67° 42' 00.84"W	(737616.10,521660.12)	(737643.58,521593.13)
L2	162.31	S75° 47' 51.90"W	(737644.87,521973.67)	(737605.05,521816.32)
L1	37.41	N89° 12' 08.10"W	(737647.39,522037.01)	(737647.91,521999.60)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C7	25.000	39.270	S45° 00' 00.00"E	(737312.20,519835.01)	(737287.20,519860.01)
C6	300.000	56.936	S87° 44' 05.09"W	(737675.03,521324.90)	(737672.78,521268.09)
C5	300.000	100.154	N77° 15' 51.28"W	(737643.58,521593.13)	(737665.56,521495.89)
C4	75.000	117.810	S45° 00' 00.00"W	(737584.57,519910.01)	(737509.57,519835.01)
C3	500.000	67.215	S86° 08' 55.95"W	(737589.08,520649.19)	(737584.57,520582.18)
C2	250.000	159.270	N85° 57' 04.47"W	(737605.05,521816.32)	(737616.10,521660.12)
C1	100.000	26.180	S83° 17' 51.90"W	(737647.91,521999.60)	(737644.87,521973.67)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LC	LACKAWANNA-WELLSBORO ASSOCIATION		D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
OgC	OQUAGA CHANNERY SILT LOAM	12-20%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

STORMWATER MANAGEMENT KEY

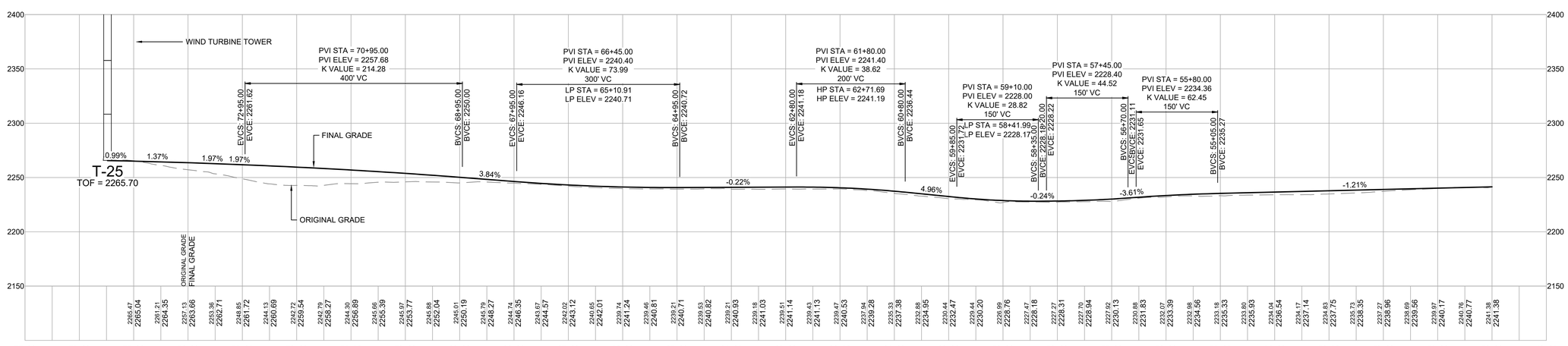
1. SHEET FLOW TO VEGETATED FILTER STRIP
2. SWALE
3. FLOW DIFFUSER TO VEGETATED FILTER STRIP



T-25 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'

KEY MAP



T-25 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

REV	DESCRIPTION	DATE	DES	CHK	APP
C	ISSUED FOR CLIENT REVIEW	03/02/18	DED	PMM	AMW
B	PRE-FINAL CLIENT REVIEW	08/04/17	DED	PMM	AMW
A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-25 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC AR-25 REV. C

100 0 100 200 FT
SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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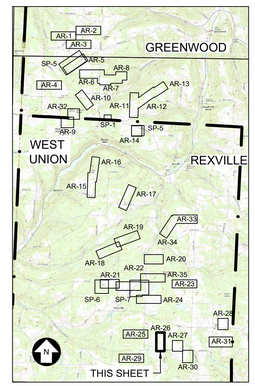
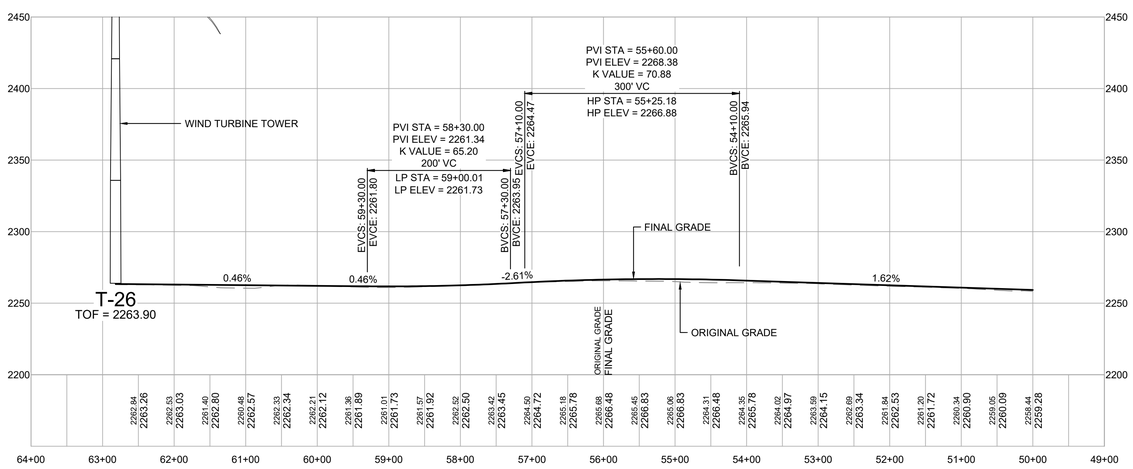
246409-BASE-T26.dwg 2018.03.02

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	1281.83	N03° 49' 43.29"E	(735198.43,524256.60)	(736477.40,524342.20)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LaC	LACKAWANNA SILT LOAM	12-20%	C
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MrC	MORRIS CHANNERY SILT LOAM	8-15%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D

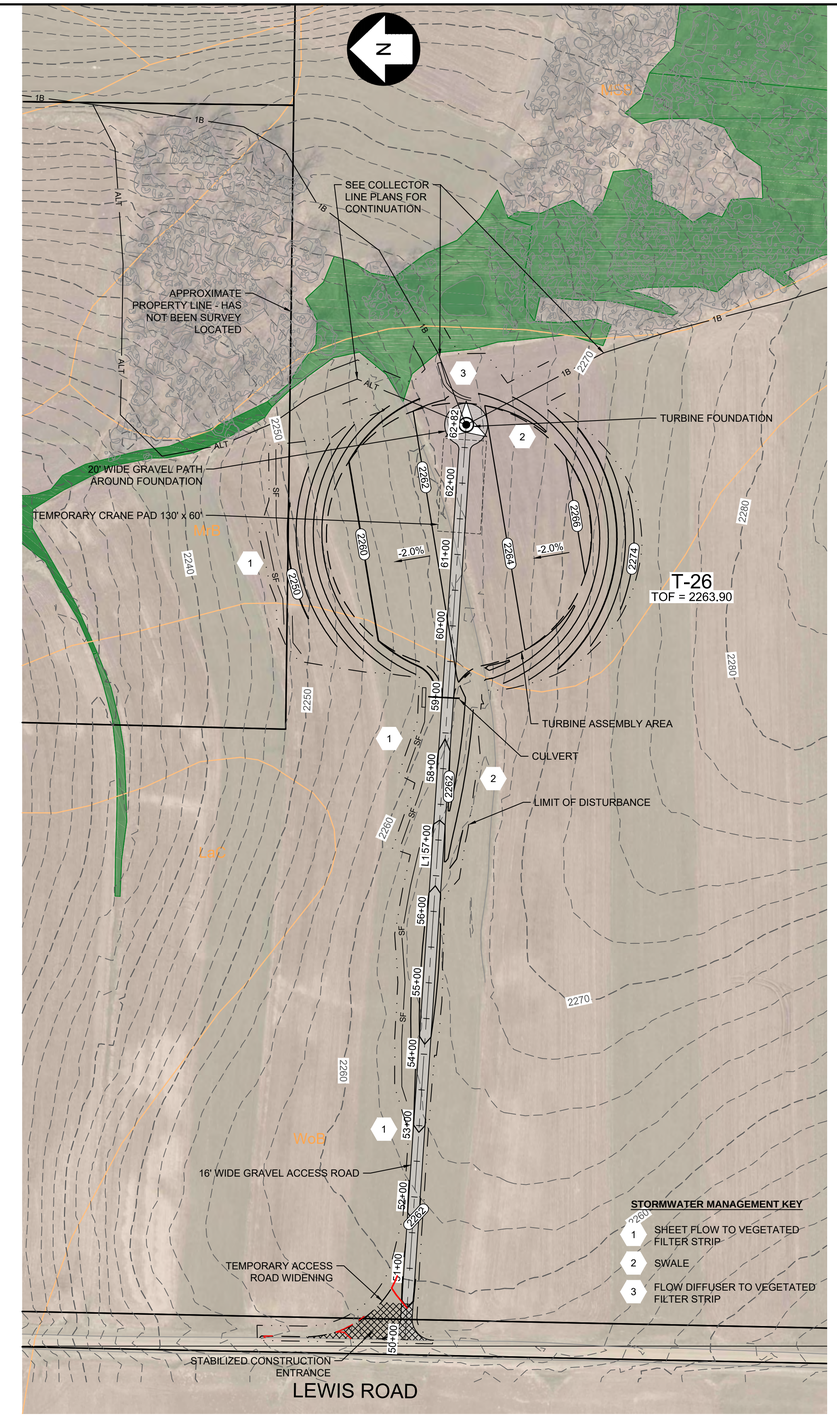


KEY MAP



T-26 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'



T-26 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT
SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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C	ISSUED FOR CLIENT REVIEW	03/02/18	DED	PMM	AMW
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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

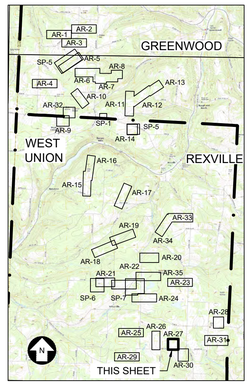
PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-26 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC

AR-26

REV. C

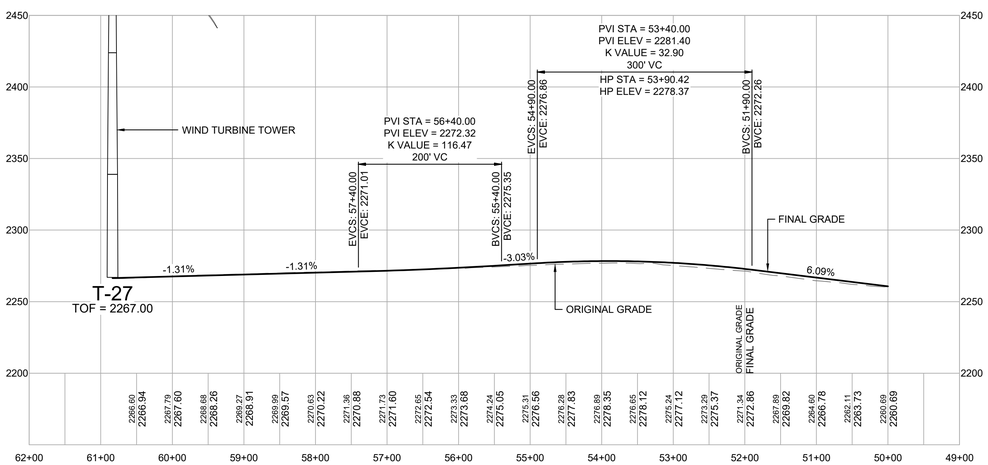


KEY MAP

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	243.10	N01° 31' 37.64"W	(735152.75,526721.04)	(735395.76,526714.56)
L2	785.38	N01° 37' 51.70"E	(735450.87,526714.61)	(736235.93,526736.96)

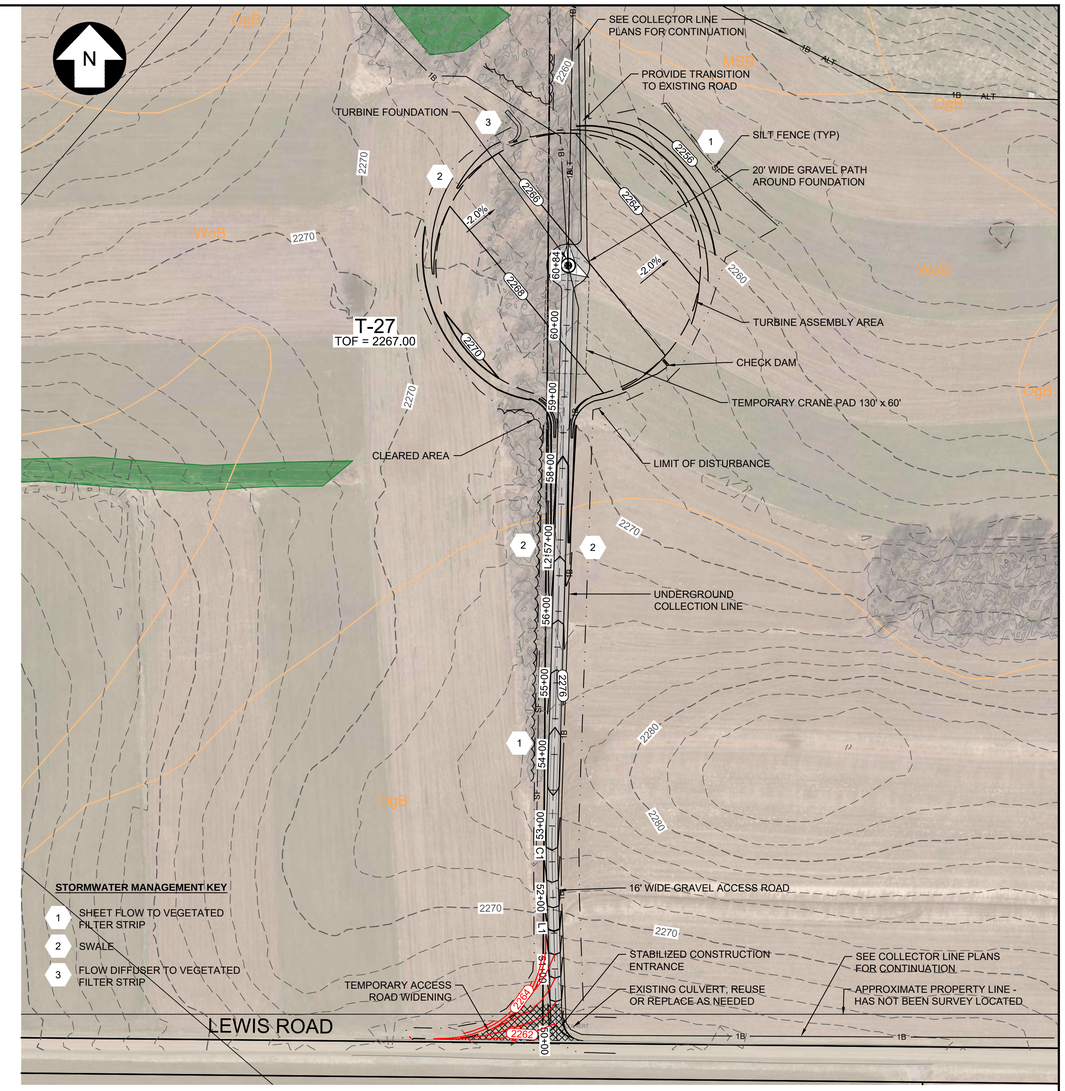
CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	1000.000	55.120	N00° 03' 07.03"E	(735395.76,526714.56)	(735450.87,526714.61)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
OgB	OQUAGA CHANNERY SILT LOAM	3-12%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D



T-27 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'



T-27 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT
SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

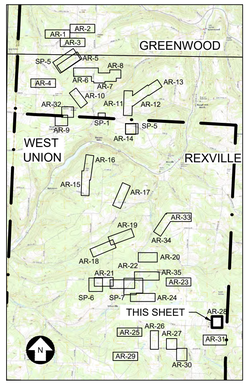
PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-27 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC AR-27 REV. C

Call 811 before you dig

246409-BASE-T28.dwg 2018.03.02

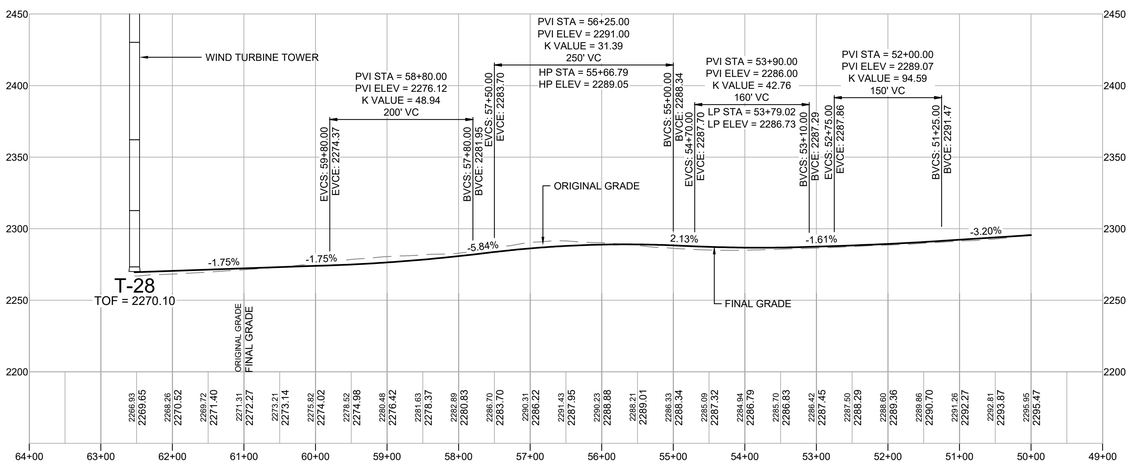


KEY MAP

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	48.47	N11° 52' 41.69"E	(738374.22,533262.46)	(738421.65,533272.43)
L2	798.89	N00° 20' 13.73"E	(738441.65,533274.57)	(739240.52,533279.27)
L3	353.88	N89° 39' 46.27"W	(739260.64,533259.39)	(739262.72,532905.52)

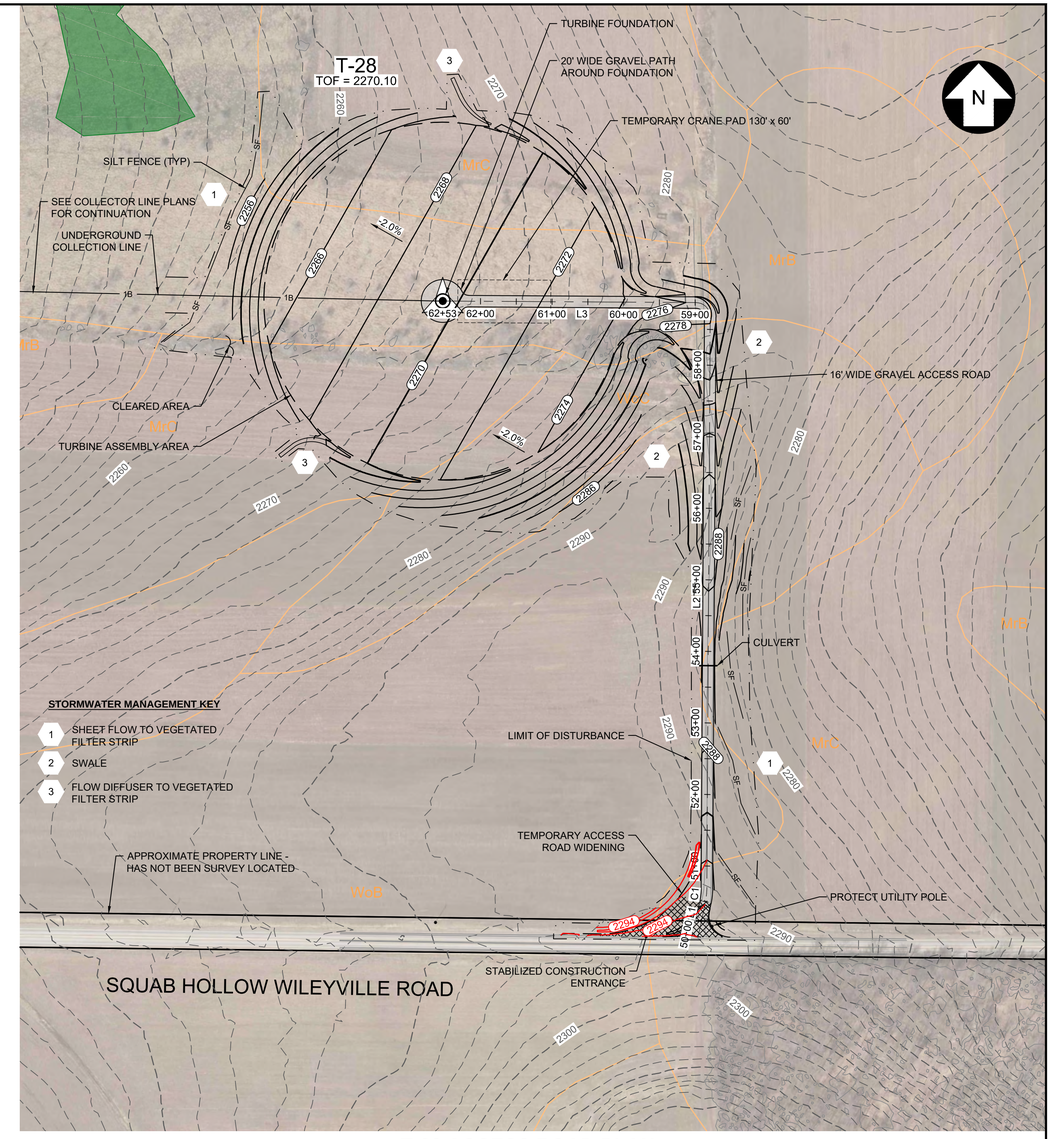
CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	100.000	20.143	N06° 06' 27.71"E	(738421.65,533272.43)	(738441.65,533274.57)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MrC	MORRIS CHANNERY SILT LOAM	8-15%	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D



T-28 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'



STORMWATER MANAGEMENT KEY

1. SHEET FLOW TO VEGETATED FILTER STRIP
2. SWALE
3. FLOW DIFFUSER TO VEGETATED FILTER STRIP

T-28 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT
SCALE: 1" = 100'

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

REV	DESCRIPTION	DATE	DES	CHK	APP
C	ISSUED FOR CLIENT REVIEW	03/02/18	DED	PMM	AMW
B	PRE-FINAL CLIENT REVIEW	08/04/17	DED	PMM	AMW
A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

T-28 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

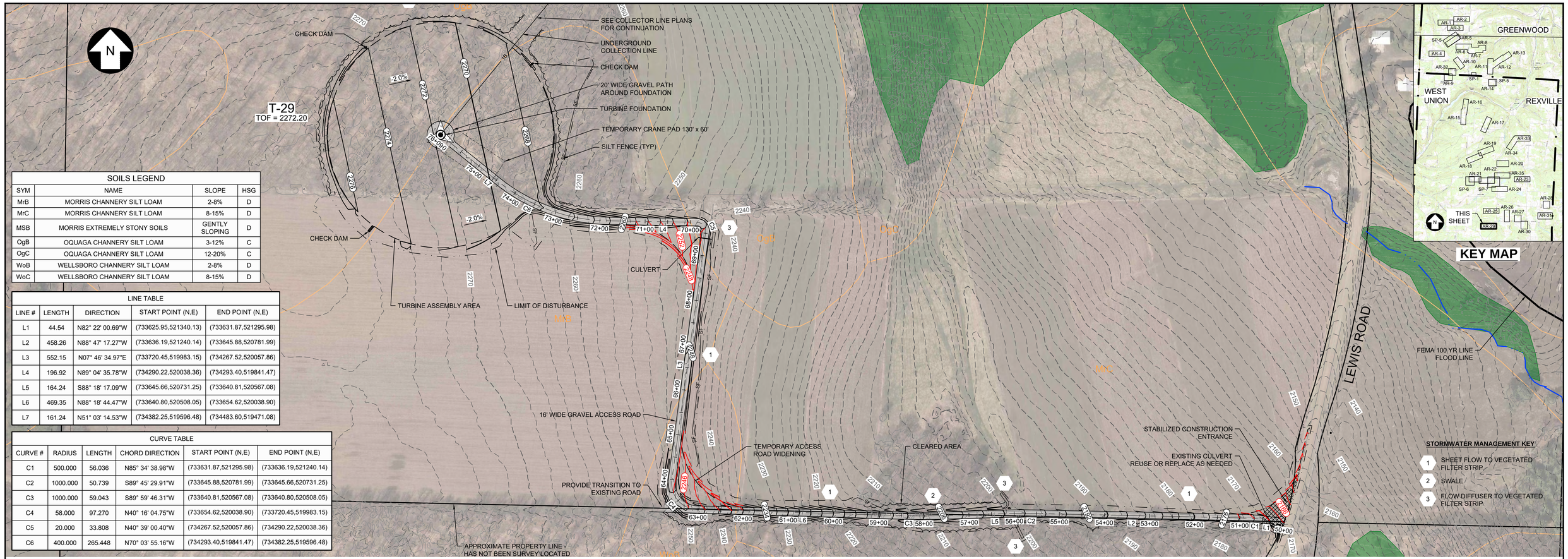
3/17 DATE
AS NOTED SCALE

TRC

AR-28

REV. C

246409-BASE-T29.dwg 2018.03.02



SOILS LEGEND

SYM	NAME	SLOPE	HSG
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MrC	MORRIS CHANNERY SILT LOAM	8-15%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
OgB	OQUAGA CHANNERY SILT LOAM	3-12%	C
OgC	OQUAGA CHANNERY SILT LOAM	12-20%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

LINE TABLE

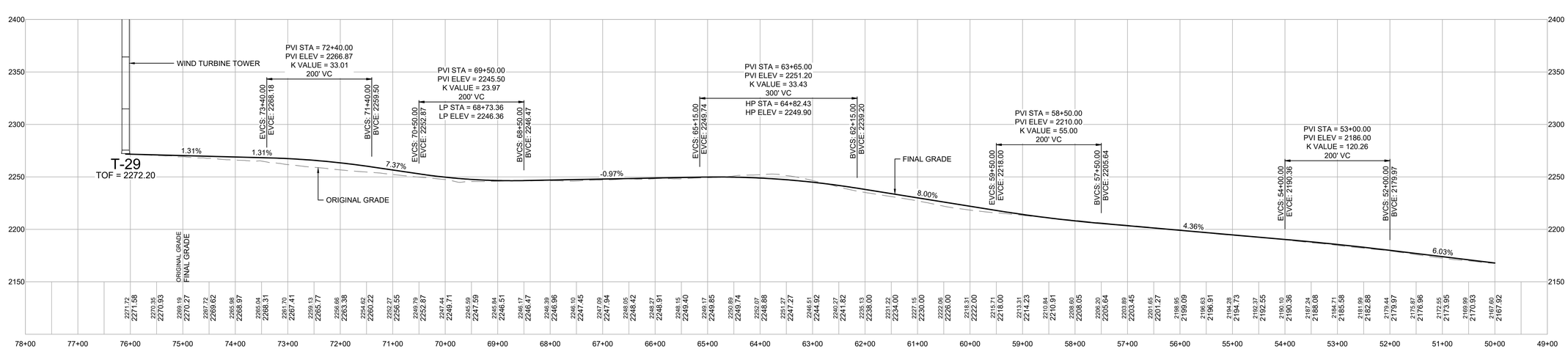
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	44.54	N82° 22' 00.69"W	(733625.95,521340.13)	(733631.87,521295.98)
L2	458.26	N88° 47' 17.27"W	(733636.19,521240.14)	(733645.88,520781.99)
L3	552.15	N07° 46' 34.97"E	(733720.45,519983.15)	(734267.52,520057.86)
L4	196.92	N89° 04' 35.78"W	(734290.22,520038.36)	(734293.40,519841.47)
L5	164.24	S88° 18' 17.09"W	(733645.66,520731.25)	(733640.81,520567.08)
L6	469.35	N88° 18' 44.47"W	(733640.80,520508.05)	(733654.62,520038.90)
L7	161.24	N51° 03' 14.53"W	(734382.25,519596.48)	(734483.60,519471.08)

CURVE TABLE

CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	500.000	56.036	N85° 34' 38.98"W	(733631.87,521295.98)	(733636.19,521240.14)
C2	1000.000	50.739	S89° 45' 29.91"W	(733645.88,520781.99)	(733645.66,520731.25)
C3	1000.000	59.043	S89° 59' 46.31"W	(733640.81,520567.08)	(733640.80,520508.05)
C4	58.000	97.270	N40° 16' 04.75"W	(733654.62,520038.90)	(733720.45,519983.15)
C5	20.000	33.808	N40° 39' 00.40"W	(734267.52,520057.86)	(734290.22,520038.36)
C6	400.000	265.448	N70° 03' 55.16"W	(734293.40,519841.47)	(734382.25,519596.48)

T-29 ACCESS ROAD PLAN

SCALE: 1" = 100'



T-29 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT
SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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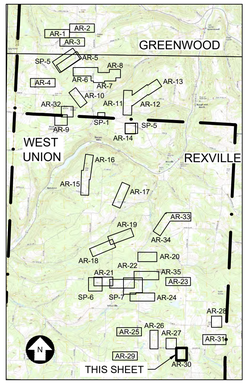
PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-29 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC AR-29 REV. C

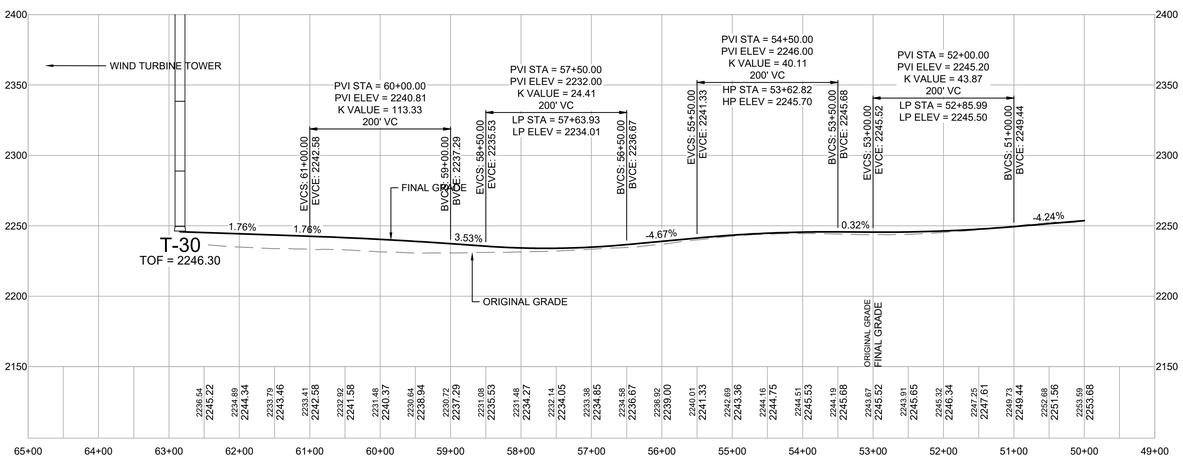


KEY MAP

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	203.81	S08° 06' 52.56"E	(735111.19,528134.40)	(734909.43,528163.16)
L2	140.90	S23° 00' 09.90"W	(734749.85,528142.31)	(734620.15,528087.25)
L3	174.84	S01° 20' 05.26"E	(734495.93,528063.48)	(734321.14,528067.55)
L4	149.53	S02° 35' 23.79"E	(734015.40,527976.16)	(733866.01,527982.92)

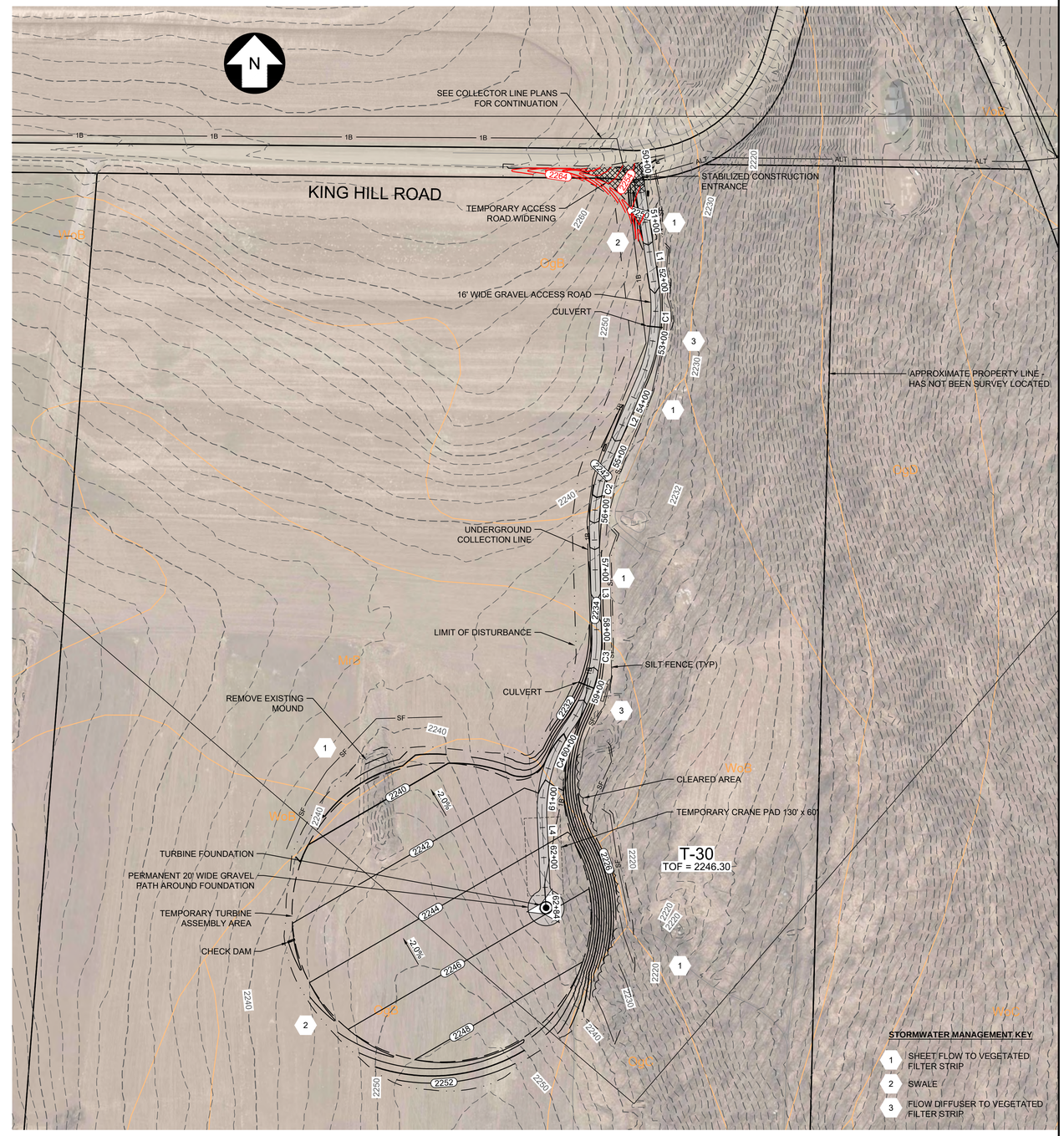
CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	300.000	162.930	S07° 26' 38.67"W	(734909.43,528163.16)	(734749.85,528142.31)
C2	300.000	127.431	S10° 50' 02.32"W	(734620.15,528087.25)	(734495.93,528063.48)
C3	250.000	159.661	S16° 57' 39.63"W	(734321.14,528067.55)	(734171.00,528021.76)
C4	250.000	165.138	S16° 20' 00.36"W	(734171.00,528021.76)	(734015.40,527976.16)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
OgB	OQUAGA CHANNERY SILT LOAM	3-12%	C
OgC	OQUAGA CHANNERY SILT LOAM	12-20%	C
OgD	OQUAGA CHANNERY SILT LOAM	20-30%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D



T-30 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'



T-30 ACCESS ROAD PLAN

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

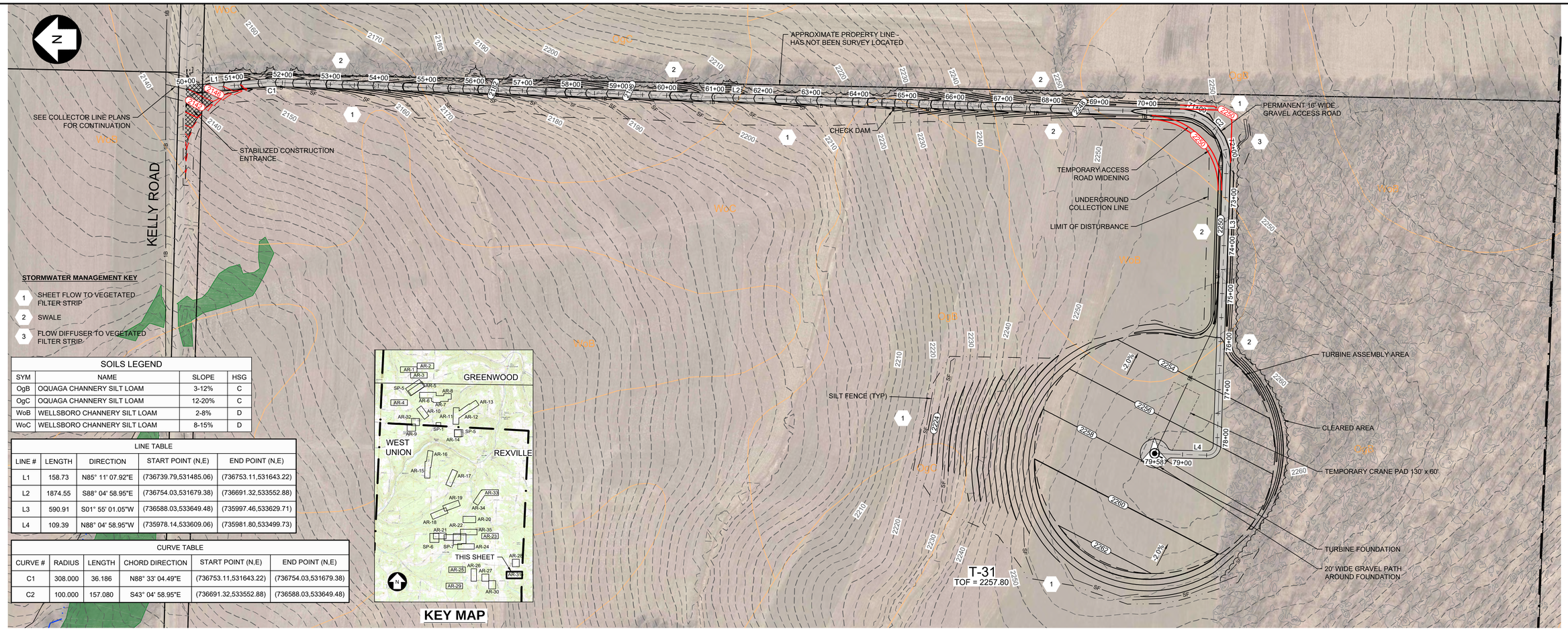
REV	DESCRIPTION	DATE	DES	CHK	APP
C	ISSUED FOR CLIENT REVIEW	03/02/18	DED	PMM	AMW
B	PRE-FINAL CLIENT REVIEW	08/04/17	DED	PMM	AMW
A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-30 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC AR-30 REV. C

246409-BASE-T31.dwg 2018.03.02



T31 ACCESS ROAD PLAN

SCALE: 1" = 100'

SOILS LEGEND

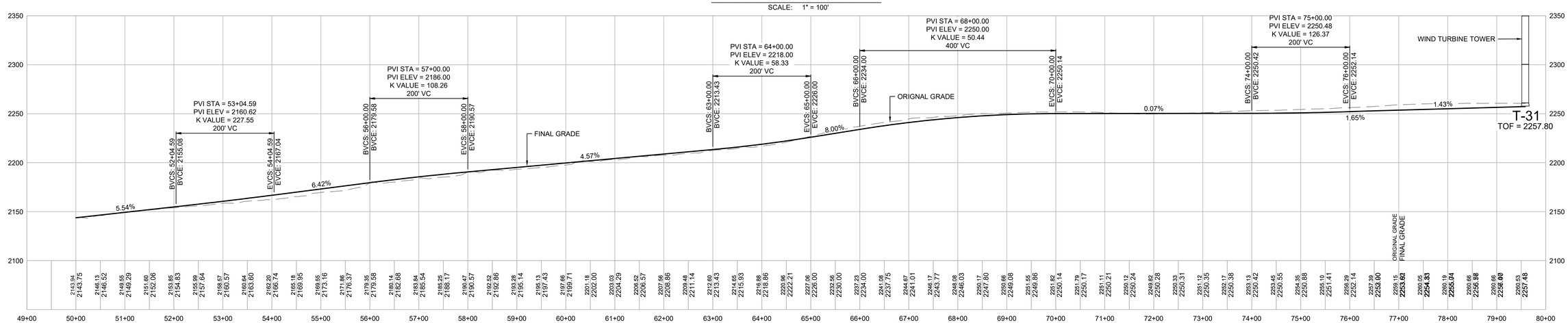
SYM	NAME	SLOPE	HSG
OgB	OQUAGA CHANNERY SILT LOAM	3-12%	C
OgC	OQUAGA CHANNERY SILT LOAM	12-20%	C
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

LINE TABLE

LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	158.73	N85° 11' 07.92"E	(736739.79,531485.06)	(736753.11,531643.22)
L2	1874.55	S88° 04' 58.95"E	(736754.03,531679.38)	(736691.32,533552.88)
L3	590.91	S01° 55' 01.05"W	(736588.03,533649.48)	(735997.46,533629.71)
L4	109.39	N88° 04' 58.95"W	(735978.14,533609.06)	(735981.80,533499.73)

CURVE TABLE

CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	308.000	36.186	N88° 33' 04.49"E	(736753.11,531643.22)	(736754.03,531679.38)
C2	100.000	157.080	S43° 04' 58.95"E	(736691.32,533552.88)	(736588.03,533649.48)



T31 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

REV	DESCRIPTION	DATE	DES	CHK	APP
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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
CMW DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

T-31 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

AR-31

REV. C

100 0 100 200 FT
SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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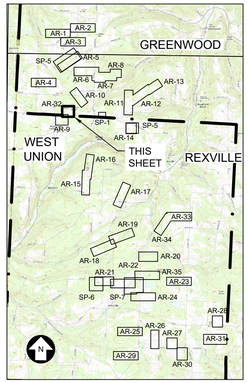
246409-BASE-T32.dwg 2018.03.02



KEY MAP

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	456.47	N02° 02' 51.90"E	(767692.27,511909.24)	(768148.45,511925.55)
L2	293.47	N10° 49' 00.35"E	(768300.38,511942.68)	(768588.64,511997.75)
L3	255.17	S86° 06' 10.51"E	(768604.84,512018.76)	(768587.50,512273.34)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	1000.000	153.048	N06° 25' 56.13"E	(768148.45,511925.55)	(768300.38,511942.68)
C3	20.000	29.001	N52° 21' 24.92"E	(768588.64,511997.75)	(768604.84,512018.76)

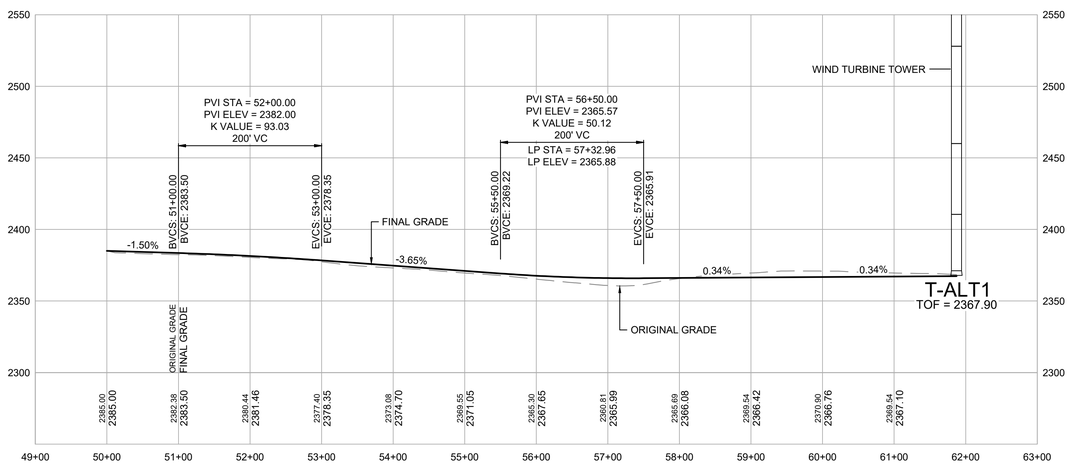
SOILS LEGEND			
SYM	NAME	SLOPE	HSG
Ck	CHIPPEWA CHANNERY SILT LOAM		D
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D

STORMWATER MANAGEMENT KEY

1 SHEET FLOW TO VEGETATED FILTER STRIP

2 SWALE

3 FLOW DIFFUSER TO VEGETATED FILTER STRIP



T-ALT1 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

T-ALT1 ACCESS ROAD PLAN

SCALE: 1" = 100'

100 0 100 200 FT

SCALE: 1" = 100'

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249 Western Avenue
Augusta, ME 04330

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
DED DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

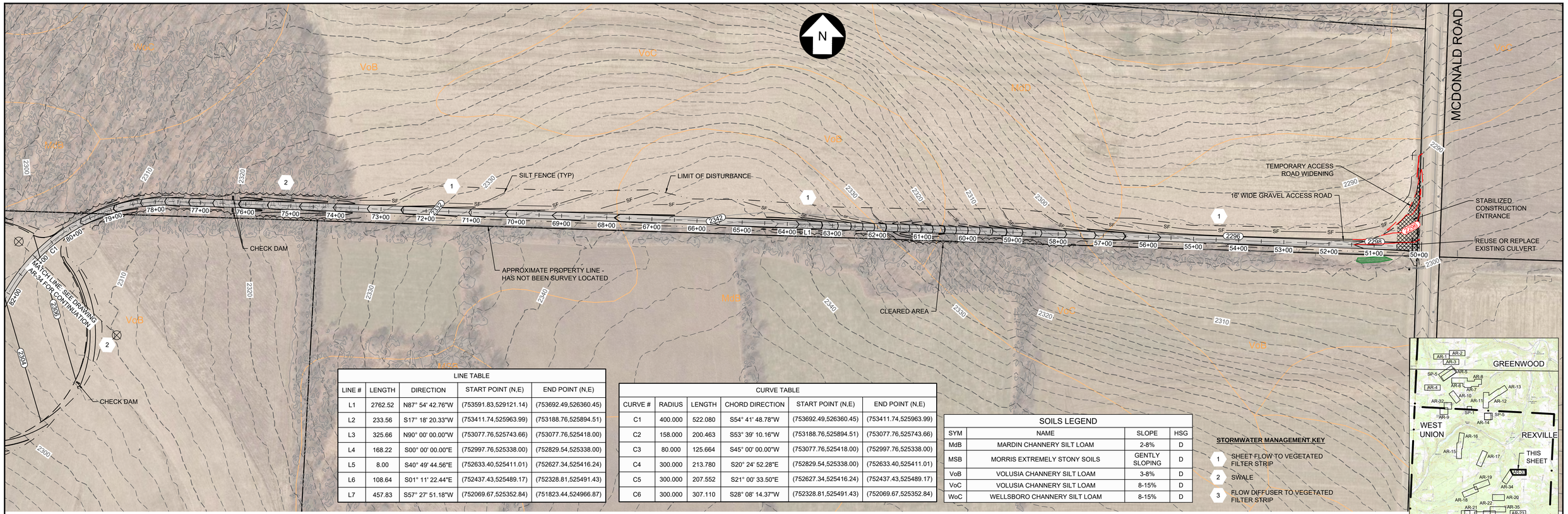
T-ALT1 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

3/17 DATE
AS NOTED SCALE

TRC

AR-32

REV. C



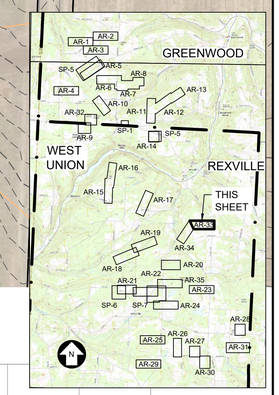
LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	2762.52	N87° 54' 42.76"W	(753591.83,529121.14)	(753692.49,526360.45)
L2	233.56	S17° 18' 20.33"W	(753411.74,525963.99)	(753188.76,525894.51)
L3	325.66	N90° 00' 00.00"W	(753077.76,525743.66)	(753077.76,525418.00)
L4	168.22	S00° 00' 00.00"E	(752997.76,525338.00)	(752829.54,525338.00)
L5	8.00	S40° 49' 44.56"E	(752633.40,525411.01)	(752627.34,525416.24)
L6	108.64	S01° 11' 22.44"E	(752437.43,525489.17)	(752328.81,525491.43)
L7	457.83	S57° 27' 51.18"W	(752069.67,525352.84)	(751823.44,524966.87)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C1	400.000	522.080	S54° 41' 48.78"W	(753692.49,526360.45)	(753411.74,525963.99)
C2	158.000	200.463	S53° 39' 10.16"W	(753188.76,525894.51)	(753077.76,525743.66)
C3	80.000	125.664	S45° 00' 00.00"W	(753077.76,525418.00)	(752997.76,525338.00)
C4	300.000	213.780	S20° 24' 52.28"E	(752829.54,525338.00)	(752633.40,525411.01)
C5	300.000	207.552	S21° 00' 33.50"E	(752627.34,525416.24)	(752437.43,525489.17)
C6	300.000	307.110	S28° 08' 14.37"W	(752328.81,525491.43)	(752069.67,525352.84)

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
MdB	MARDIN CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
VoB	VOLUSIA CHANNERY SILT LOAM	3-8%	D
VoC	VOLUSIA CHANNERY SILT LOAM	8-15%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

STORMWATER MANAGEMENT KEY

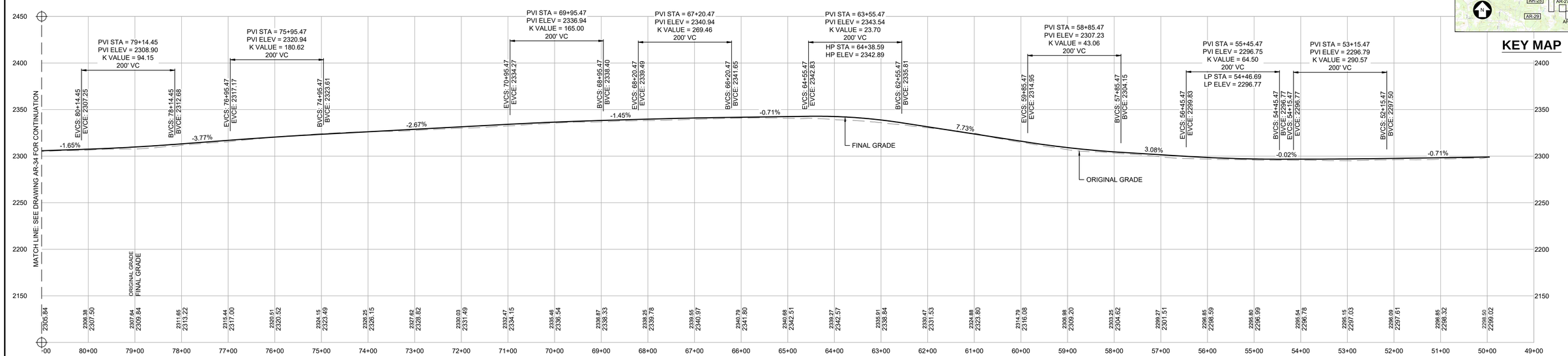
1. SHEET FLOW TO VEGETATED FILTER STRIP
2. SWALE
3. FLOW DIFFUSER TO VEGETATED FILTER STRIP



KEY MAP

T-ALT2 T-ALT3 ACCESS ROAD PLAN

SCALE: 1" = 100'



T-ALT2 T-ALT3 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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PMM DESIGNED
DED DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

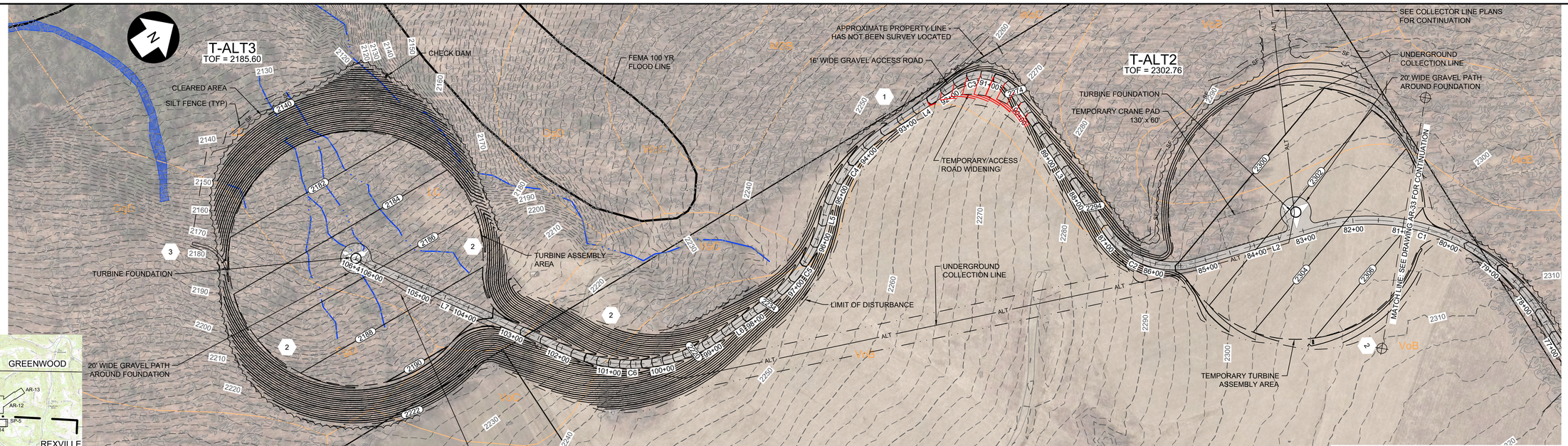
3/17 DATE
AS NOTED SCALE

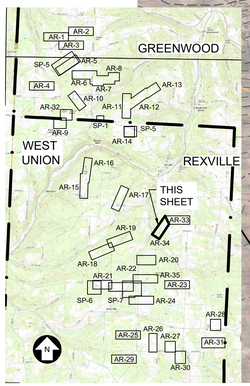
T-ALT2 T-ALT3 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC

AR-33

REV. C





KEY MAP

STORMWATER MANAGEMENT KEY

1. SHEET FLOW TO VEGETATED FILTER STRIP
2. SWALE
3. FLOW DIFFUSER TO VEGETATED FILTER STRIP

SOILS LEGEND			
SYM	NAME	SLOPE	HSG
LC	LACKAWANNA-WELLSBORO ASSOCIATION		D
MdB	MARDIN CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
OgD	OQUAGA CHANNERY SILT LOAM	20-30%	C
VoB	VOLUSIA CHANNERY SILT LOAM	3-8%	D
VoC	VOLUSIA CHANNERY SILT LOAM	8-15%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
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C3	80.000	125.664	S45° 00' 00.00"W	(753077.76,525418.00)	(752997.76,525338.00)
C4	300.000	213.780	S20° 24' 52.28"E	(752829.54,525338.00)	(752633.40,525411.01)
C5	300.000	207.552	S21° 00' 33.50"E	(752627.34,525416.24)	(752437.43,525489.17)
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LINE TABLE				
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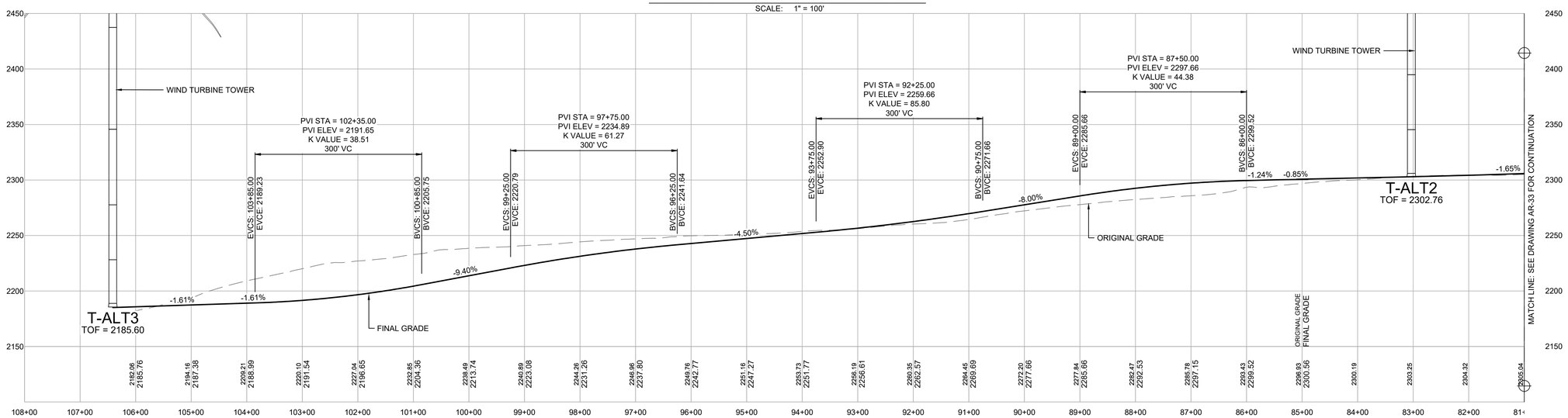
L2	233.56	S17° 18' 20.33"W	(753411.74,525963.99)	(753188.76,525894.51)
L3	325.66	N90° 00' 00.00"W	(753077.76,525743.66)	(753077.76,525418.00)
L4	168.22	S00° 00' 00.00"E	(752997.76,525338.00)	(752829.54,525338.00)
L5	8.00	S40° 49' 44.56"E	(752633.40,525411.01)	(752627.34,525416.24)
L6	108.64	S01° 11' 22.44"E	(752437.43,525489.17)	(752328.81,525491.43)
L7	457.83	S57° 27' 51.18"W	(752069.67,525352.84)	(751823.44,524966.87)

T-ALT2 T-ALT3 ACCESS ROAD PLAN

SCALE: 1" = 100'



T-ALT2 T-ALT3 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

PRELIMINARY NOT FOR CONSTRUCTION

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TRC
249 Western Avenue
Augusta, ME 04330

PROJECT NO: 246409

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PMM DESIGNED
DED DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2
3/17 DATE
AS NOTED SCALE

T-ALT2 T-ALT3 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC

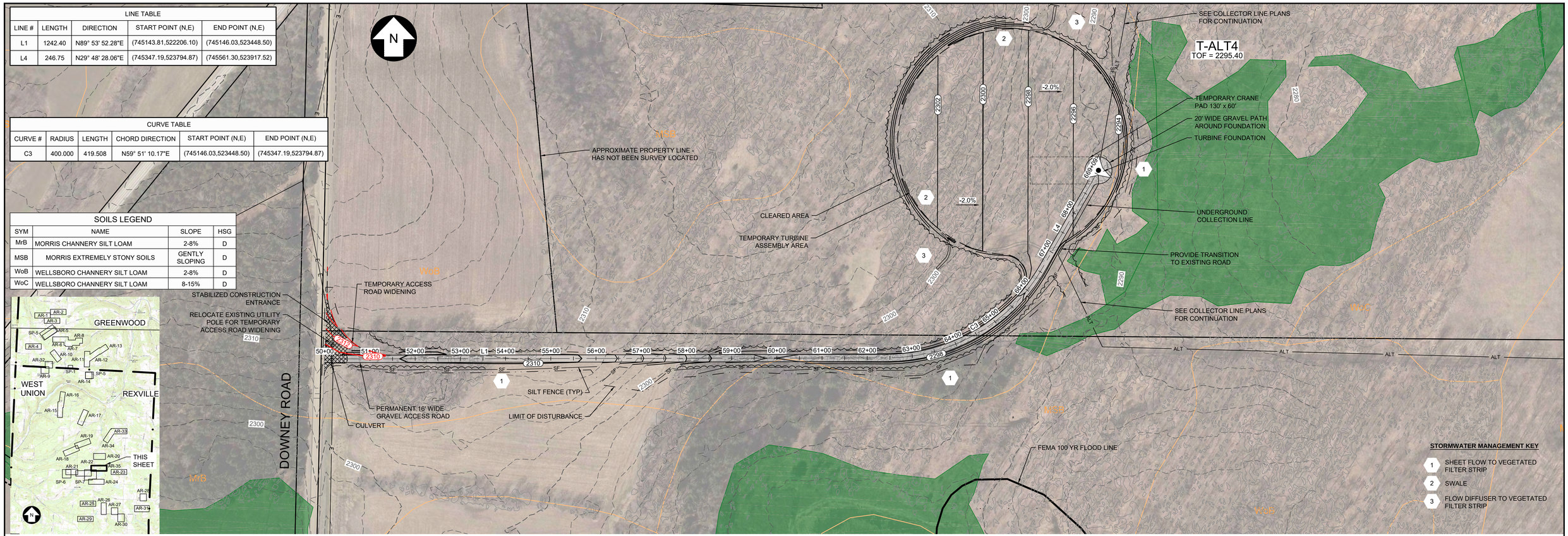
AR-34

REV. C

LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT (N,E)	END POINT (N,E)
L1	1242.40	N89° 53' 52.28"E	(745143.81,522206.10)	(745146.03,523448.50)
L4	246.75	N29° 48' 28.06"E	(745347.19,523794.87)	(745561.30,523917.52)

CURVE TABLE					
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)
C3	400.000	419.508	N59° 51' 10.17"E	(745146.03,523448.50)	(745347.19,523794.87)

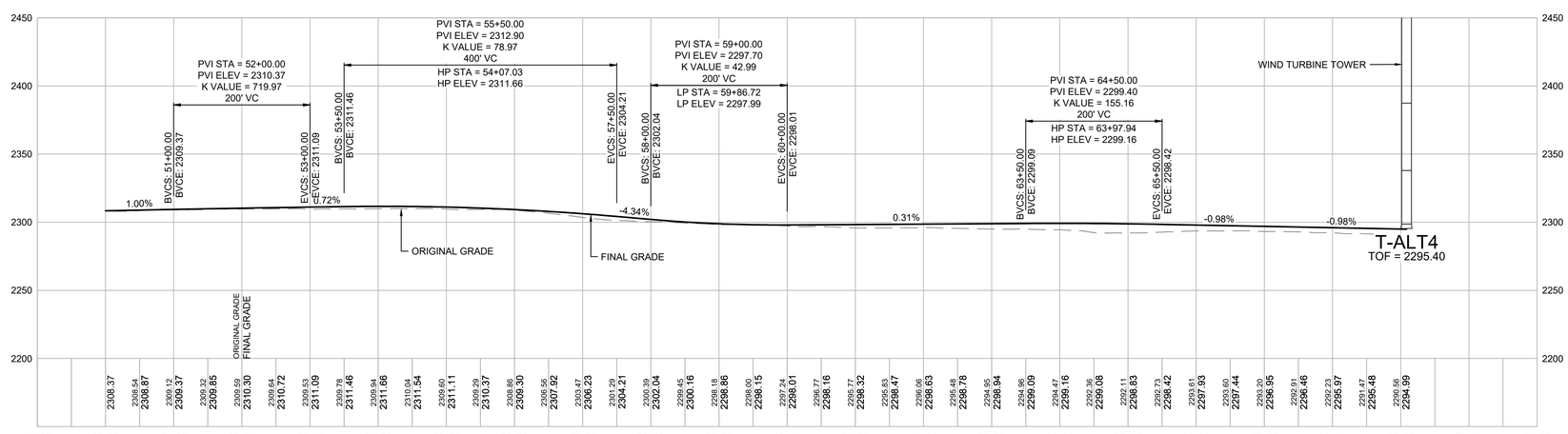
SOILS LEGEND			
SYM	NAME	SLOPE	HSG
MrB	MORRIS CHANNERY SILT LOAM	2-8%	D
MSB	MORRIS EXTREMELY STONY SOILS	GENTLY SLOPING	D
WoB	WELLSBORO CHANNERY SILT LOAM	2-8%	D
WoC	WELLSBORO CHANNERY SILT LOAM	8-15%	D



KEY MAP

T-ALT4 ACCESS ROAD PLAN

SCALE: 1" = 100'



T-ALT4 ACCESS ROAD PROFILE

SCALE: H 1" = 100'
V 1" = 50'

100 0 100 200 FT

SCALE: 1" = 100'

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Augusta, ME 04330

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A	ISSUED FOR CLIENT REVIEW	04/17	DED	PMM	AW

PMM DESIGNED
DED DRAWN
AMW CHECKED
AJW APPROVED
REVIEW 1
REVIEW 2

3/17 DATE
AS NOTED SCALE

T-ALT4 ACCESS ROAD
PLAN AND PROFILE
EIGHT POINT WIND ENERGY CENTER
EIGHT POINT WIND, LLC
GREENWOOD / WEST UNION NEW YORK

TRC

AR-35

REV. C