



802 W. Bannock Suite 1200 Boise, ID 83702
tel. 208.336.9793 fax. 208.336.9431
www.exergydevelopment.com

PERMIT COMPLIANCE FILING

Permittee:	Big Blue Wind Farm, LLC
Permit Type:	LWECS Site Permit
Project Location:	Faribault County, Jo Daviess Township
Commission Docket Number:	IP-6851/ WS-10-1238
Submission:	Site Plan
Date of Submission:	10/05/2011

In accordance with section 5.1 of the site permit for the Big Blue Wind Farm, the civil engineering drawings for site preparation and construction are attached.

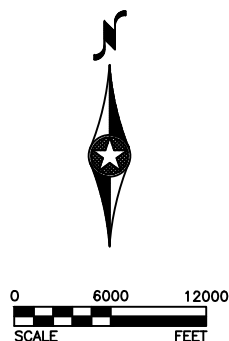
CONSTRUCTION PLANS FOR LARGE WIND ENERGY CONVERSION SYSTEM BIG BLUE WIND FARM

WIND TURBINE GENERATORS, ACCESS ROADS, DRAINAGE AND EROSION CONTROL FARIBAULT COUNTY, MINNESOTA

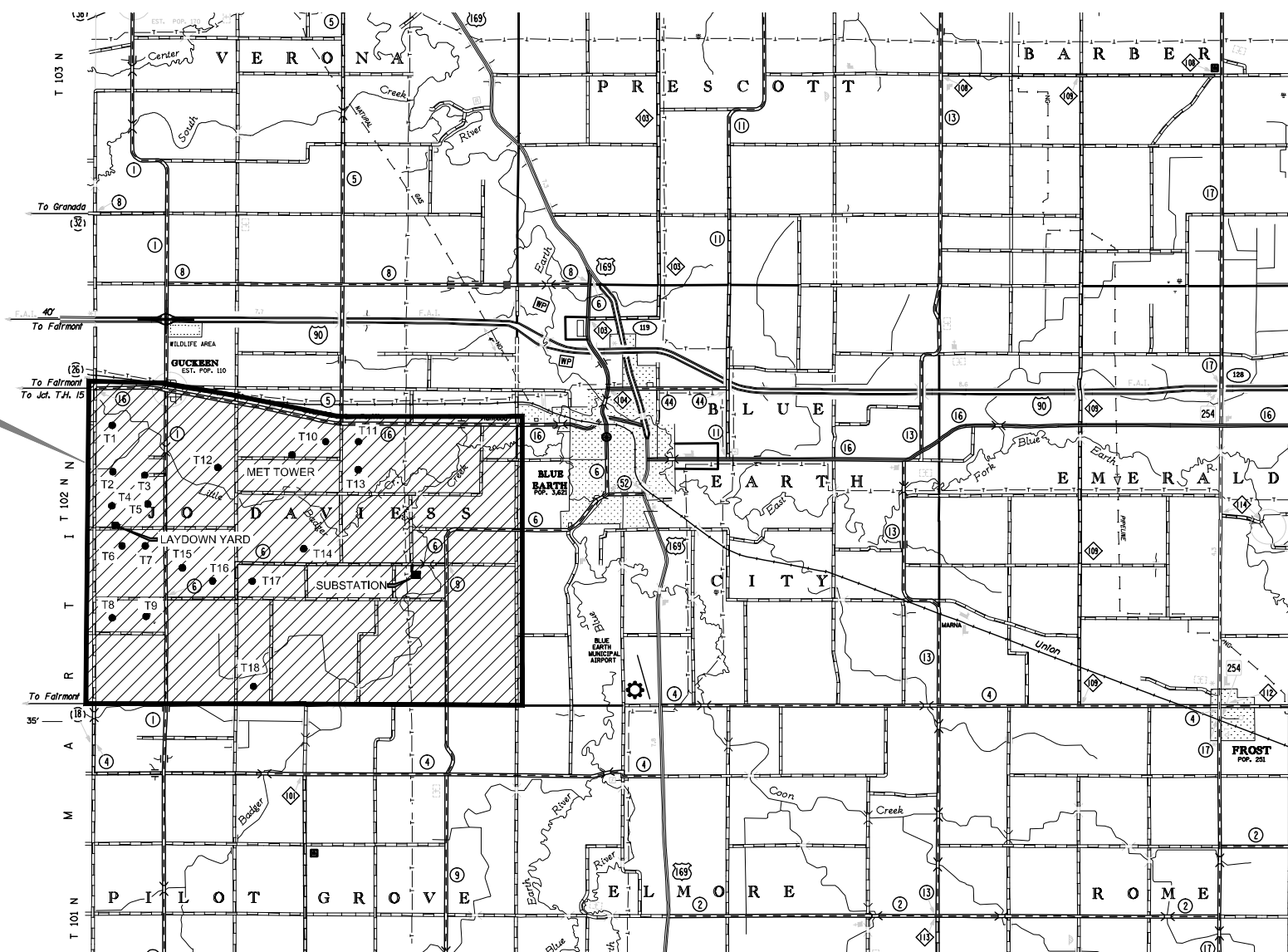
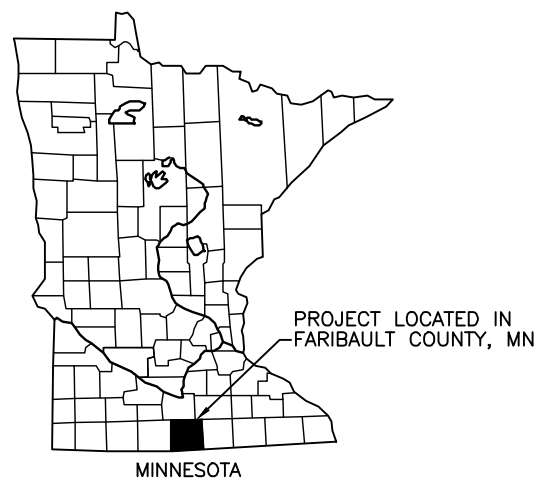
OCTOBER, 2011

SHEET INDEX

SHEET NO.	TITLE
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2	OVERALL PROJECT SITE LAYOUT
3	SWPPP - USGS MAP
4	SOIL INDEX AND TURBINE COORDINATE TABLES
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PROJECT LOCATION



NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

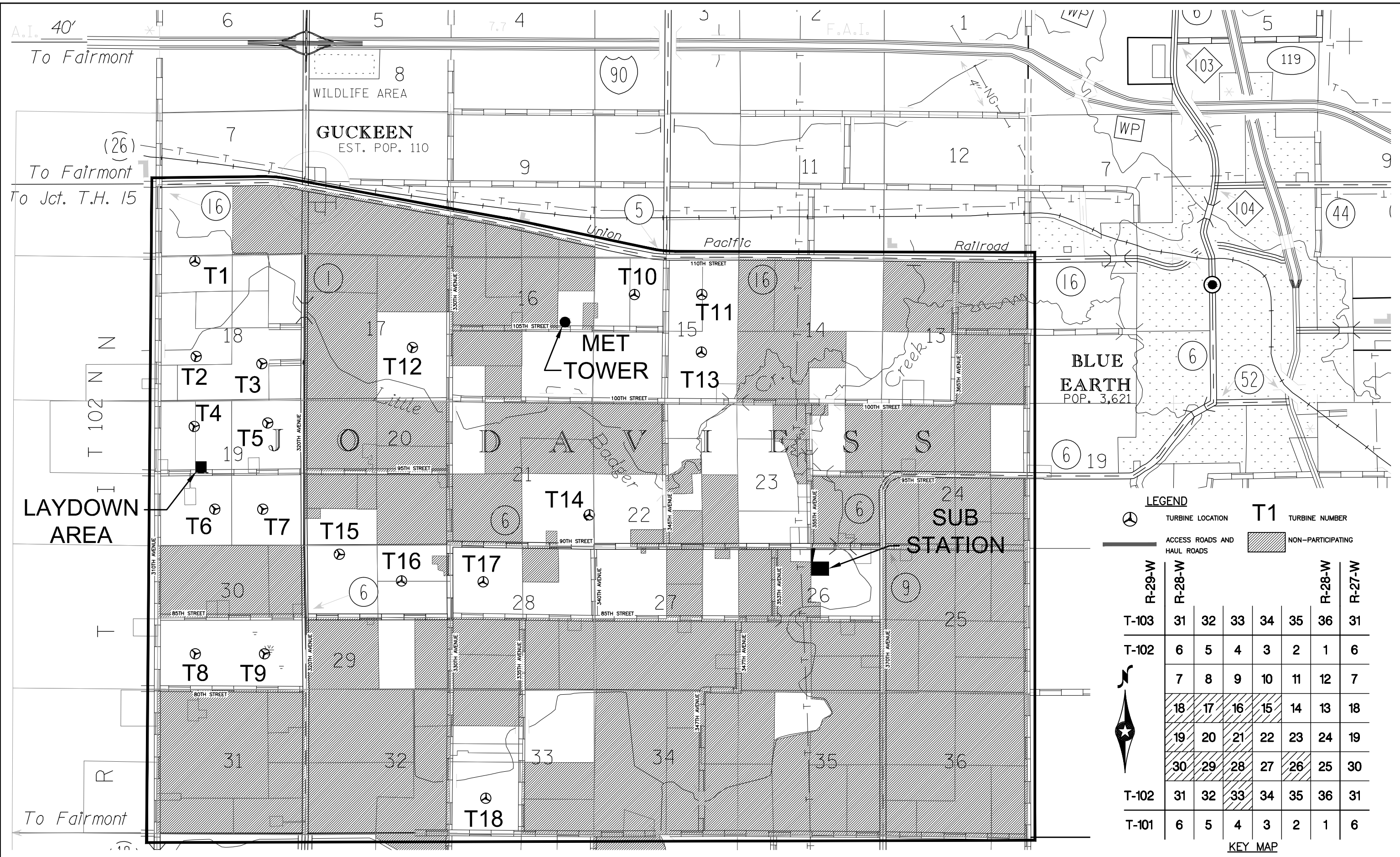
Kevin F. Bittner
KEVIN F. BITTNER
LIC. NO. 21814 DATE: 10/04/2011

PLAN REVISIONS		
DATE	SHEET NUMBER	APPROVED BY

PROJECT DATUM:
HORIZONTAL: FARIBAULT COUNTY COORDINATES NAD83 (1996 ADJ)
VERTICAL: NAVD88

BOLTON & MENK, INC.
Consulting Engineers & Surveyors
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

RECORD DRAWING INFORMATION	EXERGY DEVELOPEMENT GROUP, LLC	SHEET
OBSERVER:	BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN	1
CONTRACTOR:	TITLE SHEET	OF
DATE:		40



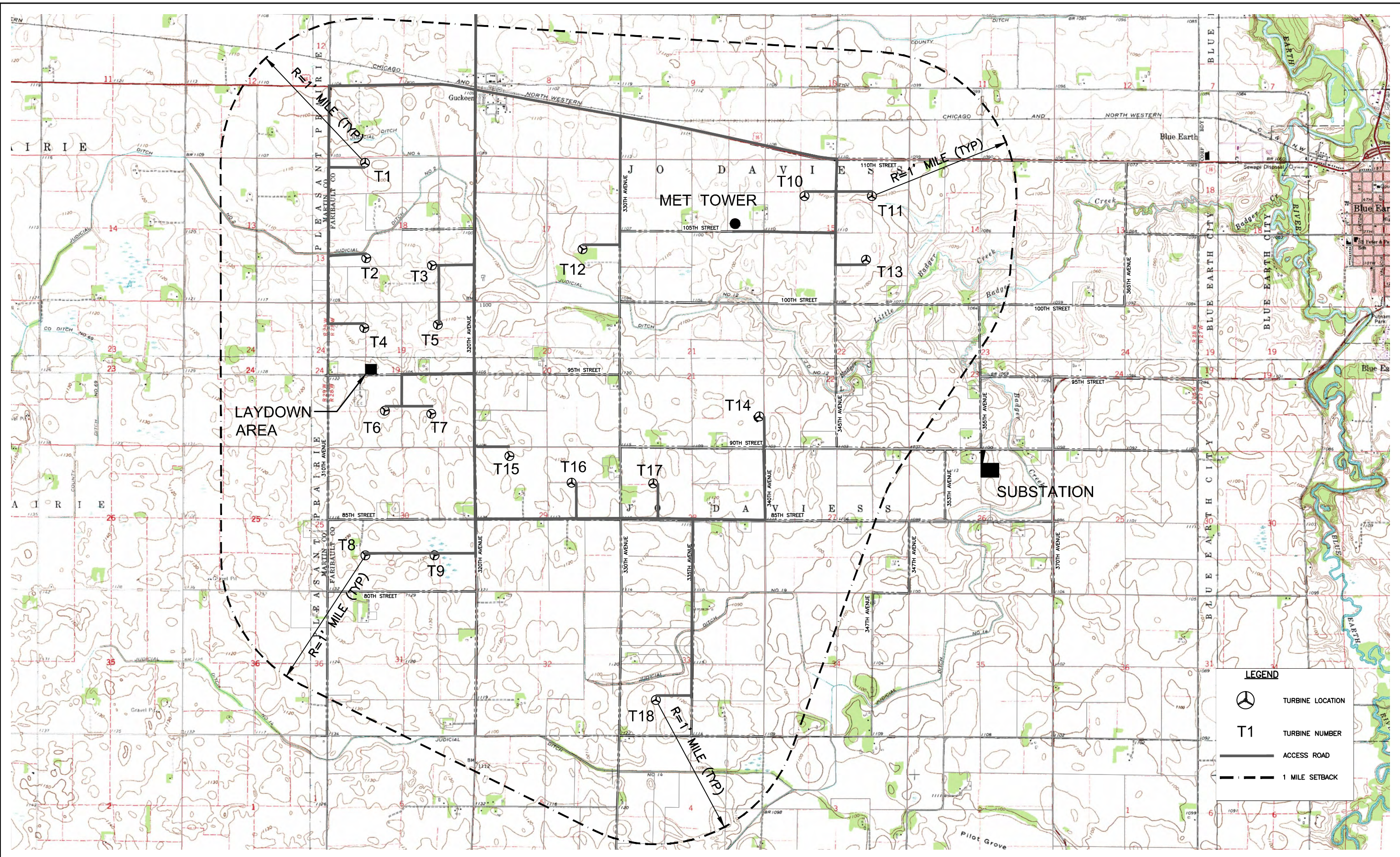
LEGEND

⊙ TURBINE LOCATION T1 TURBINE NUMBER




— ACCESS ROADS AND HAUL ROADS [Hatched Box] NON-PARTICIPATING

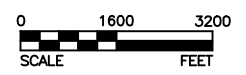
KEY MAP

	R-29-W	R-28-W	R-28-W	R-28-W	R-28-W	R-27-W
T-103	31	32	33	34	35	36
T-102	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
	30	29	28	27	26	25
T-102	31	32	33	34	35	36
T-101	6	5	4	3	2	1



LEGEND

-  TURBINE LOCATION
- T1** TURBINE NUMBER
-  ACCESS ROAD
-  1 MILE SETBACK



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors

MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

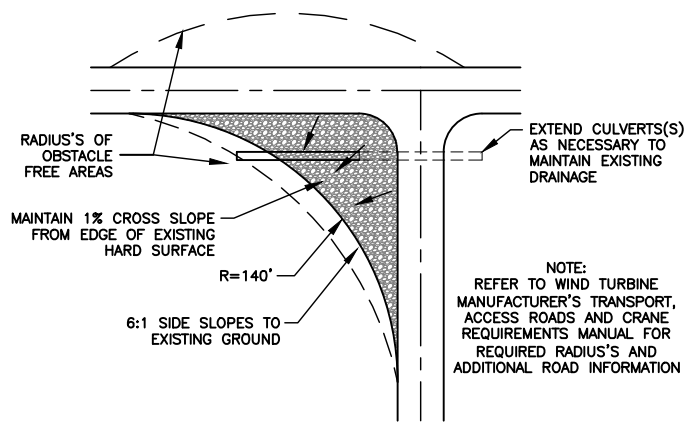
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN

SWPPP - USGS MAP

SOILS INDEX	
SOIL TYPE	DESCRIPTION
101B	Truman silt loam, 1 to 6 percent slopes
102B	Clarion loam, 1 to 6 percent slopes
110	Marna silty clay loam
113	Webster clay loam
114	Glencoe clay loam
118	Crippin loam
128B	Grogan silt loam, 1 to 6 percent slopes
130	Nicollet clay loam
134	Okoboji silty clay loam
136	Madelia silty clay loam
140	Spicer silt loam
160	Fieldon loam
181	Litchfield fine sandy loam
1833	Coland silty clay loam, occasionally flooded
1834	Coland loam, frequently flooded
1877	Fostoria loam
1907	Lakefield silt loam
197	Kingston silt loam
229	Waldorf silty clay loam
230A	Guckeen silty clay loam, 0 to 3 percent slopes
230B	Guckeen silty clay loam, 3 to 6 percent slopes
247	Linder loam
248	Lomax loam
255	Mayer loam
269	Millington clay loam
275B	Ocheyedan loam, 2 to 6 percent slopes
275C2	Ocheyedan loam, 6 to 12 percent slopes, eroded
27B	Dickinson fine sandy loam, 0 to 6 percent slopes
27C	Dickinson fine sandy loam, 6 to 12 percent slopes
281	Darfur loam
286A	Shorewood silty clay loam, 0 to 3 percent slopes
286B	Shorewood silty clay loam, 3 to 6 percent slopes
286C2	Shorewood silty clay loam, 6 to 12 percent slopes, eroded
287	Minnetonka silty clay loam
313	Spillville loam
319	Barbert silty clay loam
336	Delft loam
37B	Farrar fine sandy loam, 1 to 6 percent slopes
41B	Estherville sandy loam, 0 to 6 percent slopes
525	Muskego muck
539	Klossner muck
84	Brownton silty clay loam
86	Canisteo clay loam
887B	Clarion-Swanlake complex, 2 to 6 percent slopes
8B	Sparta loamy fine sand, 0 to 6 percent slopes
909C2	Truman-Bald complex, 6 to 12 percent slopes, eroded
909D2	Bald-Truman complex, 12 to 18 percent slopes, eroded
920B	Clarion-Estherville complex, 2 to 6 percent slopes
920C2	Clarion-Storden-Estherville complex, 6 to 12 percent slopes, eroded
920D2	Clarion-Storden-Estherville complex, 12 to 18 percent slopes, eroded
921C2	Clarion-Storden complex, 6 to 12 percent slopes, eroded
929	Fieldon-Canisteo complex
94B	Terril loam, 2 to 6 percent slopes
956	Canisteo-Glencoe complex
960D2	Storden-Clarion complex, 12 to 18 percent slopes, eroded
960E	Storden-Clarion complex, 18 to 24 percent slopes
96A	Collinwood silty clay loam, 0 to 3 percent slopes
96B	Collinwood silty clay loam, 3 to 6 percent slopes
L107A	Canisteo-Glencoe, depressional complex, 0 to 2 percent slopes
L83A	Webster clay loam, 0 to 2 percent slopes
L84A	Glencoe clay loam, depressional, 0 to 1 percent slopes
L85A	Nicollet clay loam, 1 to 3 percent slopes
W	Water

TURBINE COORDINATES TABLE			
TOWER NUMBER	LATITUDE	LONGITUDE	TOP OF FOUNDATION ELEVATION
T1	43.6444412	-94.2429286	1101.50
T2	43.6348690	-94.2427082	1106.00
T3	43.6341739	-94.2336373	1115.00
T4	43.6278536	-94.2429459	1125.00
T5	43.6282252	-94.2327931	1111.00
T6	43.6195723	-94.2400450	1113.50
T7	43.6195889	-94.2334446	1106.50
T8	43.6050582	-94.2426728	1124.50
T9	43.6050822	-94.2331447	1113.00
T10	43.6412269	-94.1822443	1116.00
T11	43.6412455	-94.1729315	1104.00
T12	43.6358334	-94.2128574	1111.00
T13	43.6354607	-94.1729746	1113.00
T14	43.6191183	-94.1883673	1102.50
T15	43.6150813	-94.2228567	1113.00
T16	43.6124350	-94.2142719	1123.00
T17	43.6123697	-94.2030067	1114.00
T18	43.5906628	-94.2025524	1111.50
TOWER NUMBER	LATITUDE	LONGITUDE	TOP OF FOUNDATION ELEVATION
MET TOWER	43.6384447	-94.1917983	1114.50

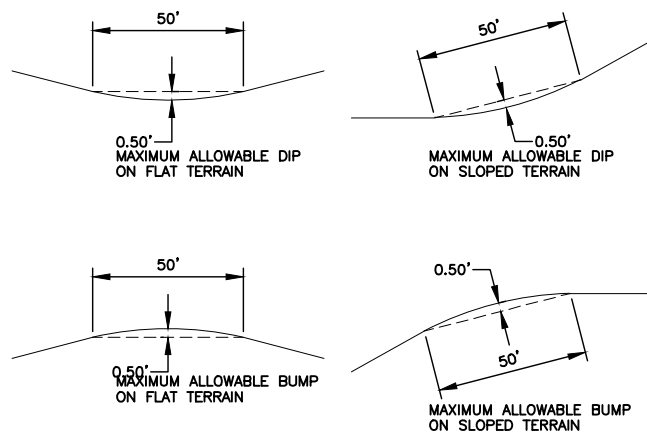




TRUCK TURNING (ENLARGED) RADIUS DETAIL

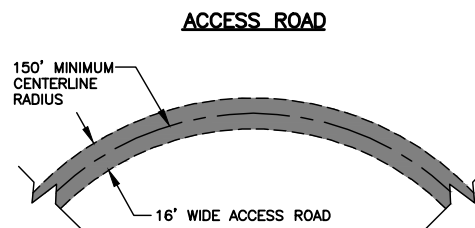
GENERAL NOTES:

1. LOCATION AND EXTENT OF ABOVE AND BELOW GROUND UTILITIES ARE NOT SHOWN. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND MODIFY OR ALTER ROAD ENTRANCE POINT AS REQUIRED TO CONSTRUCT NEW ACCESS ROAD.
2. EXISTING FENCES, CATTLE CROSSINGS, MAILBOXES AND OTHER EXISTING CONDITIONS ARE NOT SHOWN. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS OR ALTER ROAD ENTRANCE POINT AS REQUIRED TO CONSTRUCT NEW ACCESS ROAD.
3. ENTRANCES OFF COUNTY ROADS DEPENDENT ON TURBINE SUPPLIER DELIVERY ROUTE. CONTRACTOR TO COORDINATE WITH TURBINE SUPPLIER.
4. MAINTAIN EXISTING DRAINAGE COURSE ALONG ALL COUNTY ROADS. INSTALL CULVERTS AS DIRECTED BY COUNTY.
5. FOR ADDITIONAL INFORMATION AND CLARIFICATION REFER TO GEOTECHNICAL REPORT PROVIDED BY GEOTECHNICAL ENGINEER.
6. REMOVE ENLARGED RADIUS AFTER DELIVERIES ARE COMPLETE.
7. RESTORE INTERSECTIONS AND CULVERTS TO EXISTING CONDITIONS.



MAXIMUM DEFLECTION FOR TURBINE ACCESS ROAD

NOT TO SCALE

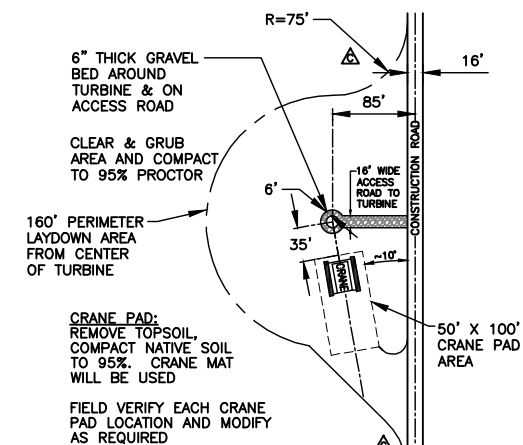


MINIMUM RADIUS FOR TURBINE ACCESS ROAD

NOT TO SCALE

NOTE:

1. SOME RADII MAY REQUIRE ADDITIONAL SOIL COMPACTION OR GRAVEL OUTSIDE OF THE WIDTH SHOWN ABOVE TO ACCOMMODATE TRACTORS OR TRAILERS TRACKING OFF THE ACCESS ROAD.

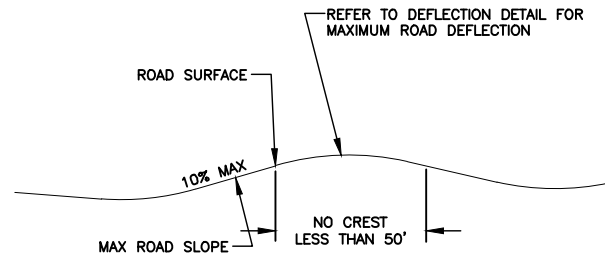


CRANE PAD LAYOUT DETAIL (TYP-A)

NOT TO SCALE

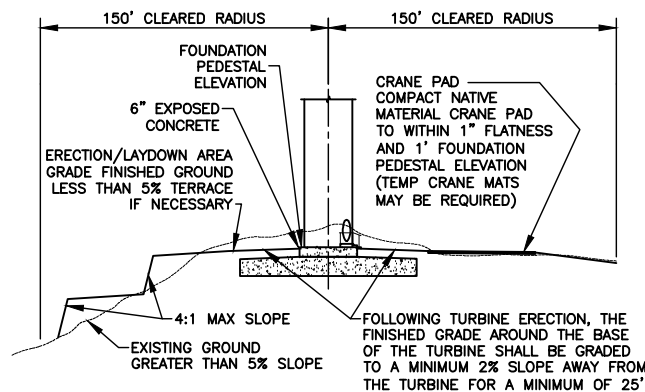
GENERAL NOTES:

1. LOCATION AND EXTENT OF ABOVE AND BELOW GROUND UTILITIES ARE NOT SHOWN. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND MODIFY OR ALTER ROAD ENTRANCE POINT AS REQUIRED TO CONSTRUCT NEW ACCESS ROAD.
1. EXISTING FENCES, CATTLE CROSSINGS, MAILBOXES AND OTHER EXISTING CONDITIONS ARE NOT SHOWN. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS OR ALTER ROAD ENTRANCE POINT AS REQUIRED TO CONSTRUCT NEW ACCESS ROAD.
2. ENTRANCES OFF COUNTY ROADS DEPENDENT ON TURBINE SUPPLIER DELIVERY ROUTE. CONTRACTOR TO COORDINATE WITH TURBINE SUPPLIER.
3. MAINTAIN EXISTING DRAINAGE COURSE ALONG ALL COUNTY ROADS. INSTALL CULVERTS AS DIRECTED BY COUNTY.
4. IF 160' RADIUS HAS GREATER THAN 2' OF ELEVATION CHANGE FROM ONE SIDE TO THE OTHER SIDE, AREA WILL NEED TO BE GRADED TO NO MORE THAN 2' ACROSS AREA FOR BLADE HUB ASSEMBLY.



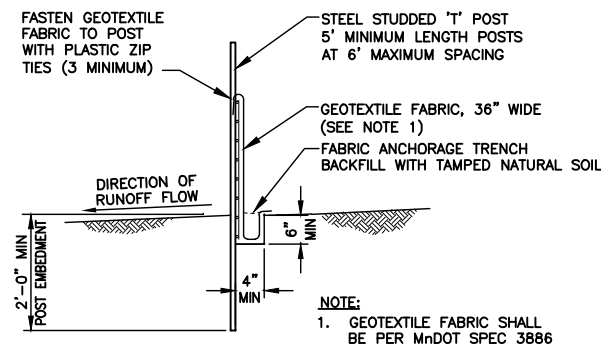
MAXIMUM VERTICAL SLOPE FOR TURBINE ACCESS ROAD/CRANE TRAVEL PATH

NOT TO SCALE



TYPICAL WTG SITE, EXISTING GROUND GREATER THAN 5%

NOT TO SCALE

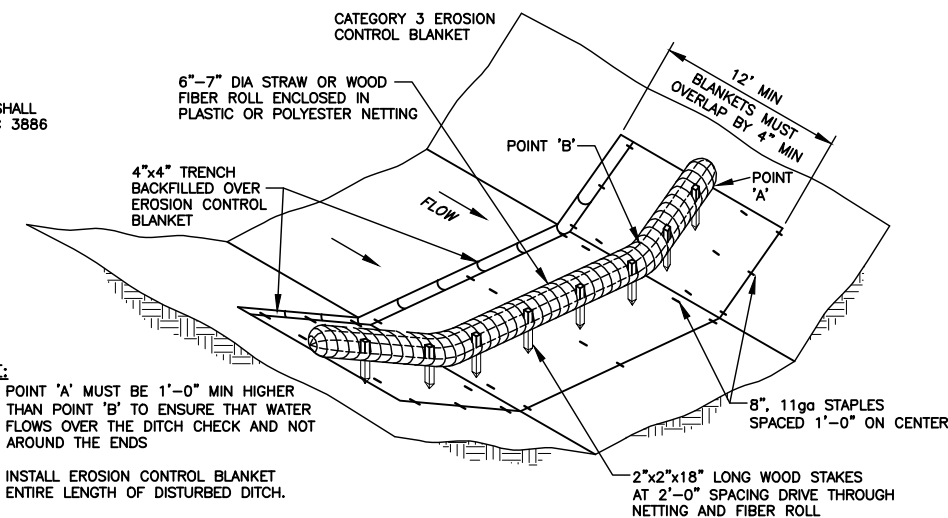


SILT FENCE - HEAVY DUTY

NOT TO SCALE

NOTE:

1. GEOTEXTILE FABRIC SHALL BE PER MnDOT SPEC 3886

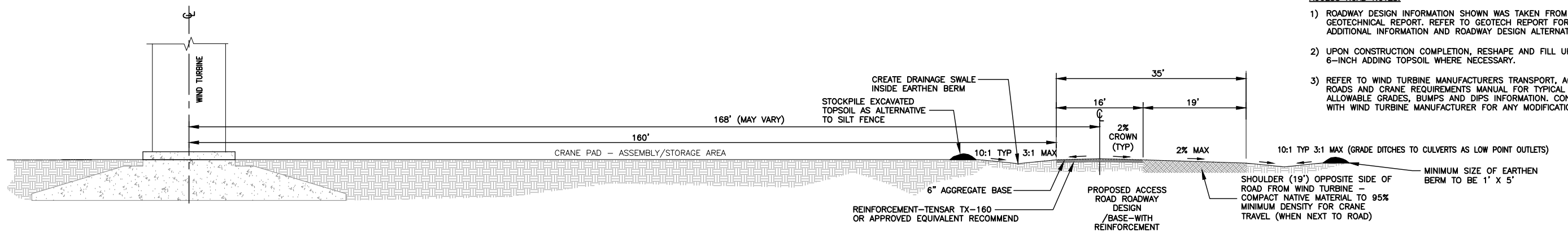


NOTE:

1. POINT 'A' MUST BE 1'-0" MIN HIGHER THAN POINT 'B' TO ENSURE THAT WATER FLOWS OVER THE DITCH CHECK AND NOT AROUND THE ENDS
2. INSTALL EROSION CONTROL BLANKET ENTIRE LENGTH OF DISTURBED DITCH.
3. ANCHOR AND OVERLAP EACH BLANKET AS SHOWN IN DETAIL.
4. SEED AND FERTILIZE ALL BLANKETED AREAS.

DITCH CHECK - BIOROLL

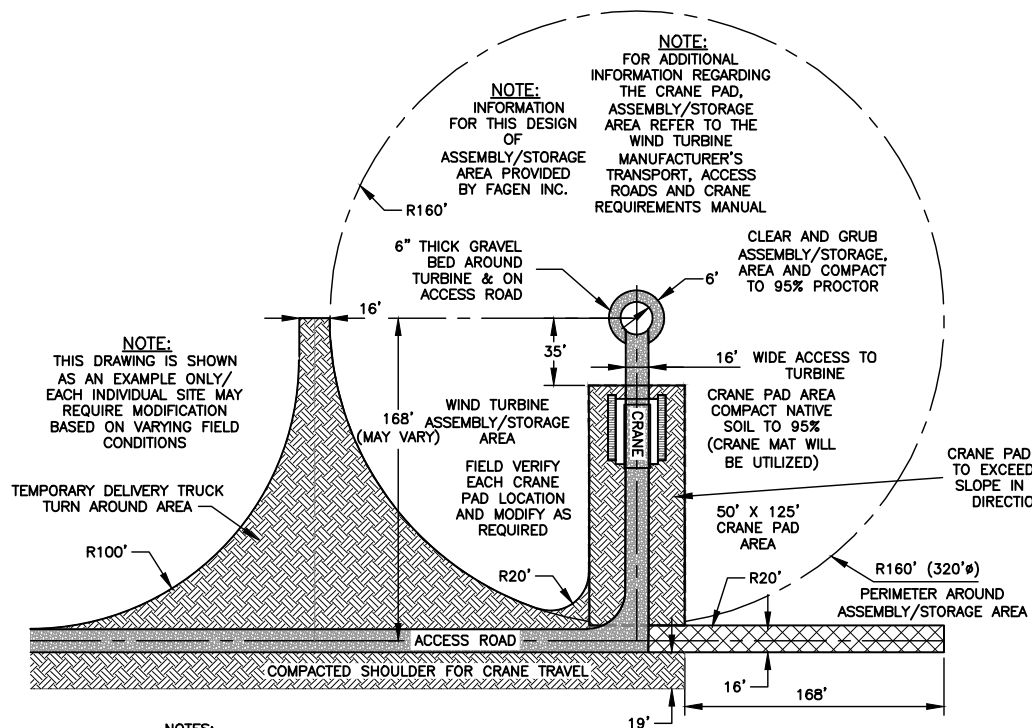
NOT TO SCALE



- ACCESS ROAD NOTES:**
- 1) ROADWAY DESIGN INFORMATION SHOWN WAS TAKEN FROM GEOTECHNICAL REPORT. REFER TO GEOTECH REPORT FOR ADDITIONAL INFORMATION AND ROADWAY DESIGN ALTERNATIVES.
 - 2) UPON CONSTRUCTION COMPLETION, RESHAPE AND FILL UPPER 6-INCH ADDING TOPSOIL WHERE NECESSARY.
 - 3) REFER TO WIND TURBINE MANUFACTURERS TRANSPORT, ACCESS ROADS AND CRANE REQUIREMENTS MANUAL FOR TYPICAL ROAD ALLOWABLE GRADES, BUMPS AND DIPS INFORMATION. CONSULT WITH WIND TURBINE MANUFACTURER FOR ANY MODIFICATIONS.

NOTE:

1. CONTRACTOR SHALL CONSTRUCT CROSS-SLOPE ROAD SECTION WHERE ACCESS ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS, TO ENSURE THAT ROADS AND SHOULDERS REMAIN WELL DRAINED AT ALL TIMES.
2. MAXIMUM CROSS SLOPE FOR CRANE TRAVEL IS 1%.
3. WHEN CRANE PATH IS NOT NEEDED, MATCH THE ACCESS ROAD DIRECTLY INTO EXISTING GROUND SURFACE.
4. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS EXCEPT IF GRADES EXCEED TURBINE DELIVERY VEHICLE CAPABILITIES. IF THIS OCCURS GENERAL CONTRACTOR MAY PROVIDE ASSIST VEHICLE OR MODIFY GRADE.
5. CRANE WALK LOCATIONS ARE APPROXIMATE AND FINAL CRANE WALK LOCATION WILL BE DETERMINED BY CONTRACTOR PRIOR TO BEGINNING EACH ACCESS ROAD. CONTRACTOR SHALL CONFIRM SHOULDER WIDTH WITH OWNER/ENGINEER PRIOR TO STARTING CONSTRUCTION.

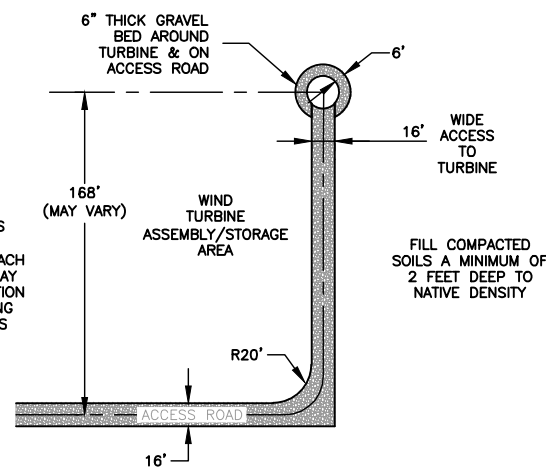


NOTES:

1. FOLLOWING CONSTRUCTION COMPLETION, REMOVE CRANE PAD AND TEMPORARY TURN AROUND SURFACES. FILL SOIL TO A MINIMUM DEPTH OF 6" TO RESTORE TO ORIGINAL CONDITION. ADD TOPSOIL AS NEEDED TO RESTORE EXISTING GRADE.

TYPICAL CONSTRUCTION ACCESS ROAD LAYOUT

NOT TO SCALE



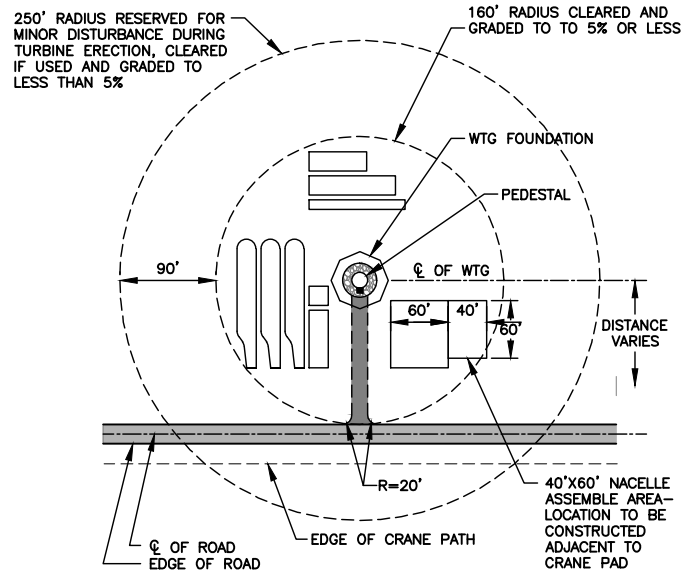
TYPICAL FINAL ACCESS ROAD LAYOUT

NOT TO SCALE

NOTES

TRUCK TURNAROUND:

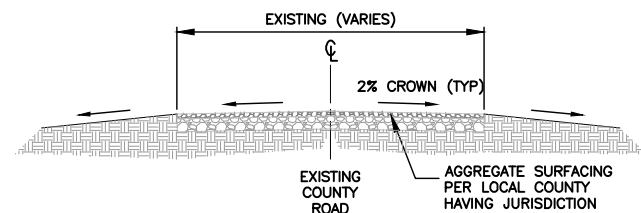
1. INSTALL TEMPORARY CULVERTS, TEMPORARY CULVERT EXTENSIONS, FILL AND EROSION CONTROL MEASURES. LOCATIONS OF EROSION CONTROL MEASURES SHALL BE APPROVED BY OWNER/ENGINEER PRIOR TO INSTALLATION.
2. GRADE CROSS SLOPE TO MAXIMUM 1%. PROVIDE POSITIVE DRAINAGE FROM THE TURNAROUND.
3. SMOOTH DRUM ROLL COMPLETED AND COMPACTED CRANE PAD OR ACCESS ROAD/CRANE PATH COMBINATION SHOULDER. COMPACTED SURFACE SHALL PROVIDE A 3500 POUND PER SQUARE FOOT GROUND BEARING CAPACITY. VERIFY SOIL BEARING CAPACITY WITH OWNER APPROVED METHOD AS PROOF OF COMPLIANCE WITH TURBINE SUPPLIER AND ERECTION CONTRACTOR REQUIREMENTS FOR DELIVERY TRUCK AND CRANE PASSAGE.
4. AREAS SOFTENED BY RAINFALL OR DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE BLADED, RE-ROLLED WITH SMOOTH DRUM ROLLER, AND RE-TESTED FOR CONFORMANCE WITH 3500 POUND PER SQUARE FOOT REQUIREMENT A MAXIMUM OF 5 DAYS PRIOR TO CRANE WALK. PROTECTIVE CRANE MATTING MAY BE REQUIRED IN LOCALIZED AREAS TOO SOFT FOR CROSSING AT THE TIME OF USE IF RECONDITIONING IS NOT FEASIBLE.
5. MINIMIZE CONSTRUCTION TRAFFIC ACROSS TURNAROUND PRIOR TO DELIVERY OF TURBINE COMPONENTS.
6. MODIFICATION TO LAYOUTS SHOWN ON PLANS MAY BE REQUIRED IN THE EVENT UNSUITABLE SOILS ARE ENCOUNTERED. MODIFICATIONS SHALL BE APPROVED BY OWNER/ENGINEER PRIOR TO CONSTRUCTION.
7. TRUCK TURNAROUNDS SHALL COMPLY WITH THE FOLLOWING:
 - A. TURNAROUND SHALL NOT EXCEED 10% IN THE DIRECTION OF TRAVEL.
 - B. ALTERNATIVE ROUTES, IF NECESSARY, WILL BE DETERMINED IN CONJUNCTION WITH TURBINE SUPPLIER.
 - C. CROSS SLOPE SHALL NOT EXCEED 4%.
 - D. PROVIDE GRADING OR DITCHING TO MAINTAIN EXISTING DRAINAGE PATTERNS AND PROVIDE POSITIVE DRAINAGE.
 - E. IF TOPSOIL IS WINDROWED, PROVIDE BREAKS IN WINDROWS AT 100 FOOT MAXIMUM INTERVALS.
8. ITEMS INCIDENTAL TO CONSTRUCTION OF THE TRUCK TURNAROUND INCLUDE BUT ARE NOT LIMITED TO:
 - A. REMOVALS OF ITEMS NOT SHOWN ON THE PLANS.
 - B. REMOVAL AND REINSTALLATION OF FENCES CROSSING TURNAROUND. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER FOR NEED FOR TEMPORARY FENCING AND INSTALLATION OF NEW FENCING.
 - C. RELOCATION OR ADJUSTMENT OF ALL UTILITIES.
 - D. CULVERT EXTENSIONS FOR CULVERTS NOT SHOWN ON PLANS.
 - E. CLEARING, GRUBBING OR TRIMMING OF TREES AND BRUSH.
 - F. REMOVAL, SALVAGE OR DISPOSAL OF ALL TEMPORARY MATERIALS PER SPECIFICATIONS AND IS INCIDENTAL TO RESTORATION BID ITEMS.



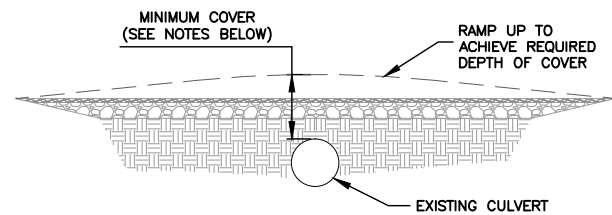
TYPICAL WTG SITE - PLAN VIEW
NOT TO SCALE

NOTE:

1. ACTUAL CRANE PAD LOCATION TO BE DETERMINED BY CONTRACTOR.
2. DISTANCE BETWEEN CENTER OF TURBINE AND EDGE OF GRAVEL ROAD VARIES BY TURBINE SITE. (160' TYPICAL)



HAUL ROUTE RESTORATION
NOT TO SCALE



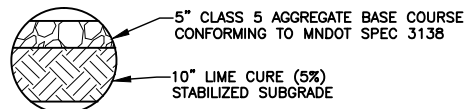
RAMP ROADWAY OVER EXISTING CULVERTS (IF REQUIRED BY LOCAL COUNTY) TO MAINTAIN MINIMUM CLEARANCE BETWEEN TOP OF CULVERT AND FINISHED ROADWAY SURFACE.

COVER OVER CULVERTS MUST MEET CURRENT LOCAL COUNTY AND STATE DEPARTMENT OF TRANSPORTATION REGULATIONS.

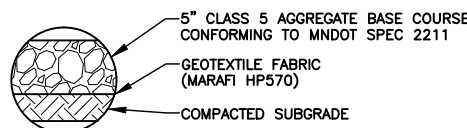
CONTRACTOR TO VERIFY LOCATION / CONDITION OF EXISTING CULVERTS ALONG THE WIND TURBINE TRUCK TRAFFIC DELIVERY ROUTING.

REFER TO THE WIND TURBINE SUPPLIERS TRANSPORT, ACCESS ROADS AND CRANE REQUIREMENTS MANUAL FOR TYPICAL ROAD MAXIMUM ALLOWABLE BUMPS AND DIPS.

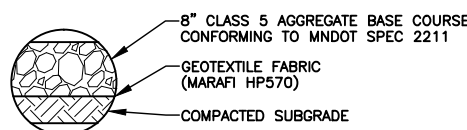
MINIMUM COVER OVER EXISTING CULVERTS
NOT TO SCALE



TURBINE ACCESS ROAD CROSS SECTION



LAYDOWN YARD CROSS SECTION

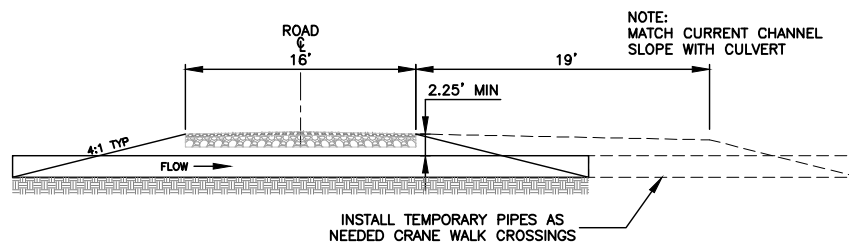


TEMPORARY ACCESS ROAD - ENLARGED TURNING RADII

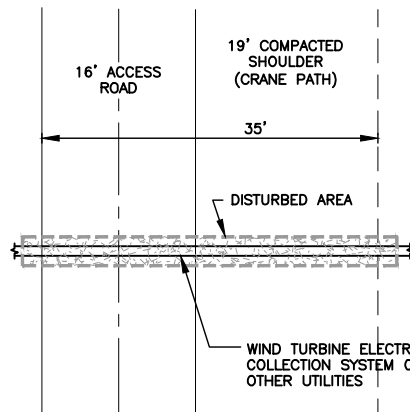


CRANE PAD CROSS SECTION

TYPICAL STRUCTURAL CROSS SECTIONS
NOT TO SCALE



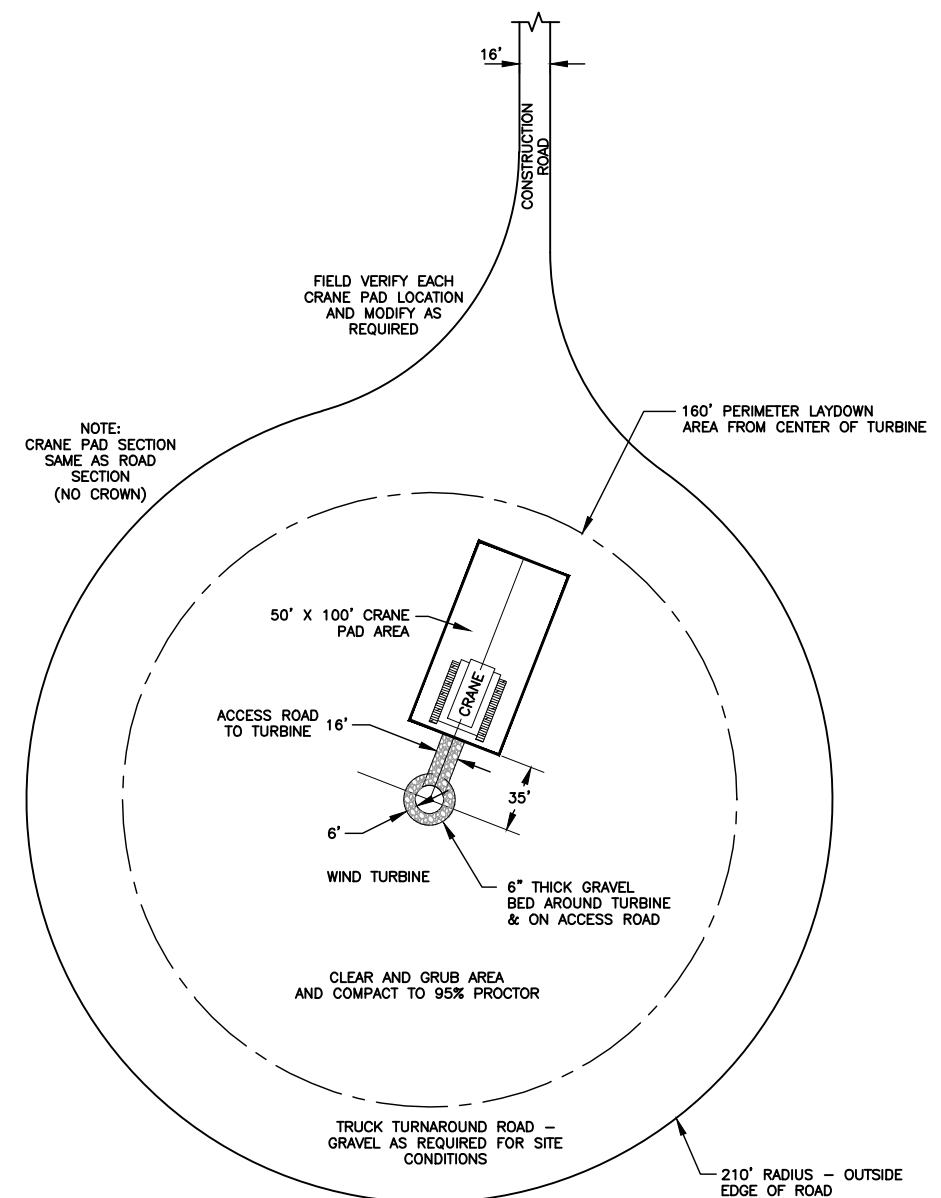
MINIMUM COVER OVER TEMPORARY CULVERTS
NOT TO SCALE



UTILITY CROSSING RESTORATION DETAIL
NOT TO SCALE

NOTES:

1. STRUCTURAL RECOMMENDATIONS ARE FROM RENEWABLE RESOURCE CONSULTANTS GEOTECHNICAL REPORT TITLED "BIG BLUE WIND PROJECT" DATED 10/03/11 AND SUPPLEMENT E-MAIL DATED 10/4/11.
2. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS REQUIREMENTS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE BUT ARE NOT LIMITED TO: CONSTRUCTION DURING THE FREEZE THAW CYCLE, UNUSUALLY WET PERIODS AND IN LOW WET AREAS.
3. SEE GEOTECHNICAL REPORT FOR FURTHER INFORMATION ON TYPICAL SECTION AND ALTERNATIVES.
4. STRIP 4" TOPSOIL MINIMUM AS NEEDED TO REMOVE PLANT MATERIAL & ROOTS PRIOR TO COMPACTING TOPSOIL OR MIXING IN LIME CURE.
5. CRANES WILL REQUIRE MATS ON COMPACTED TOPSOIL PAD.



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner

KEVIN F. BITTNER
LIC. NO. 21814 DATE 10/04/2011

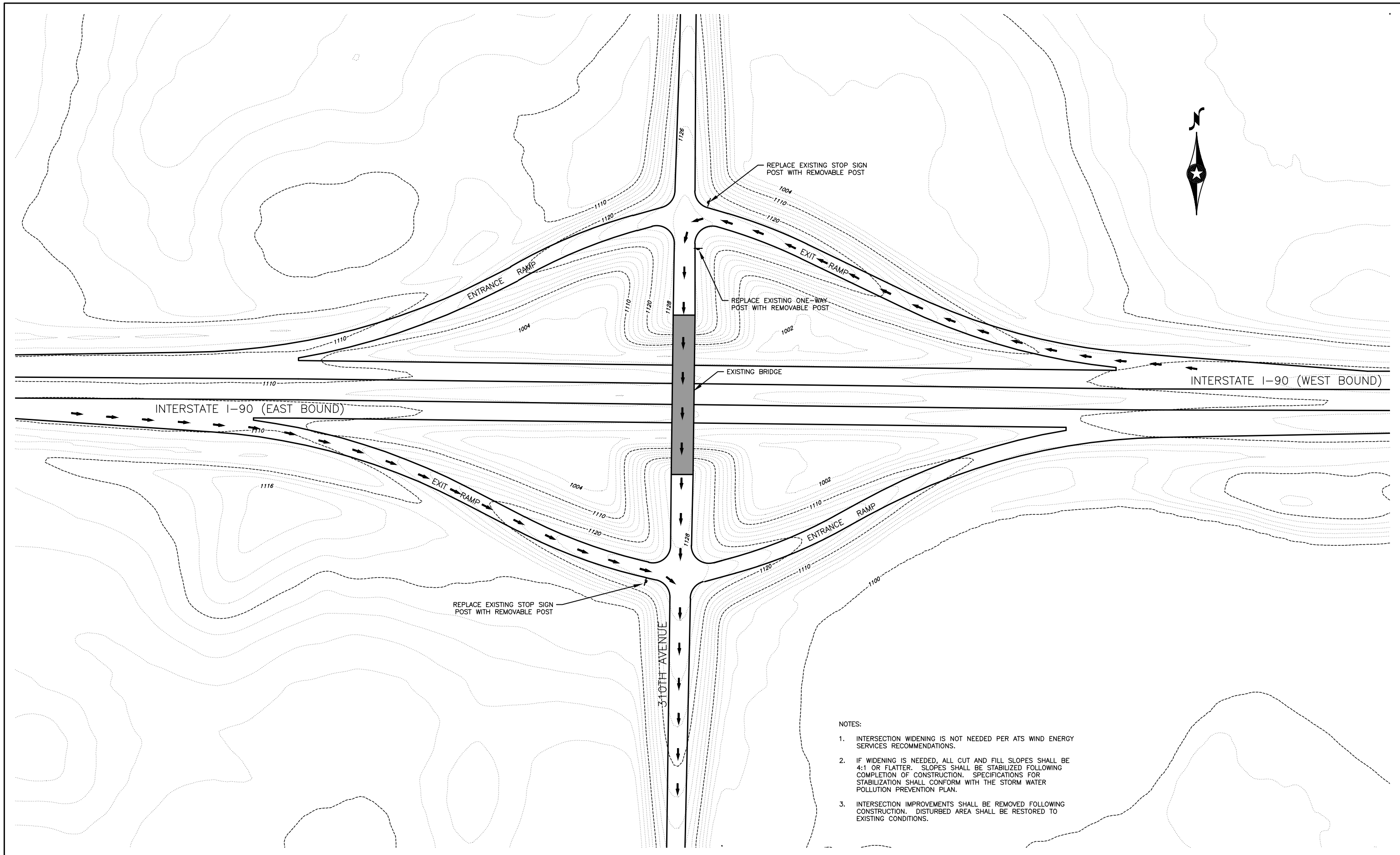
DESIGNED
JWC
DRAWN
KGA
CHECKED
JWC

BOLTON & MENK, INC.
Consulting Engineers & Surveyors

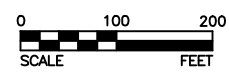
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN
BURNSVILLE, MN CHASKA, MN RAMSEY, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
DETAILS



- NOTES:
1. INTERSECTION WIDENING IS NOT NEEDED PER ATS WIND ENERGY SERVICES RECOMMENDATIONS.
 2. IF WIDENING IS NEEDED, ALL CUT AND FILL SLOPES SHALL BE 4:1 OR FLATTER. SLOPES SHALL BE STABILIZED FOLLOWING COMPLETION OF CONSTRUCTION. SPECIFICATIONS FOR STABILIZATION SHALL CONFORM WITH THE STORM WATER POLLUTION PREVENTION PLAN.
 3. INTERSECTION IMPROVEMENTS SHALL BE REMOVED FOLLOWING CONSTRUCTION. DISTURBED AREA SHALL BE RESTORED TO EXISTING CONDITIONS.



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

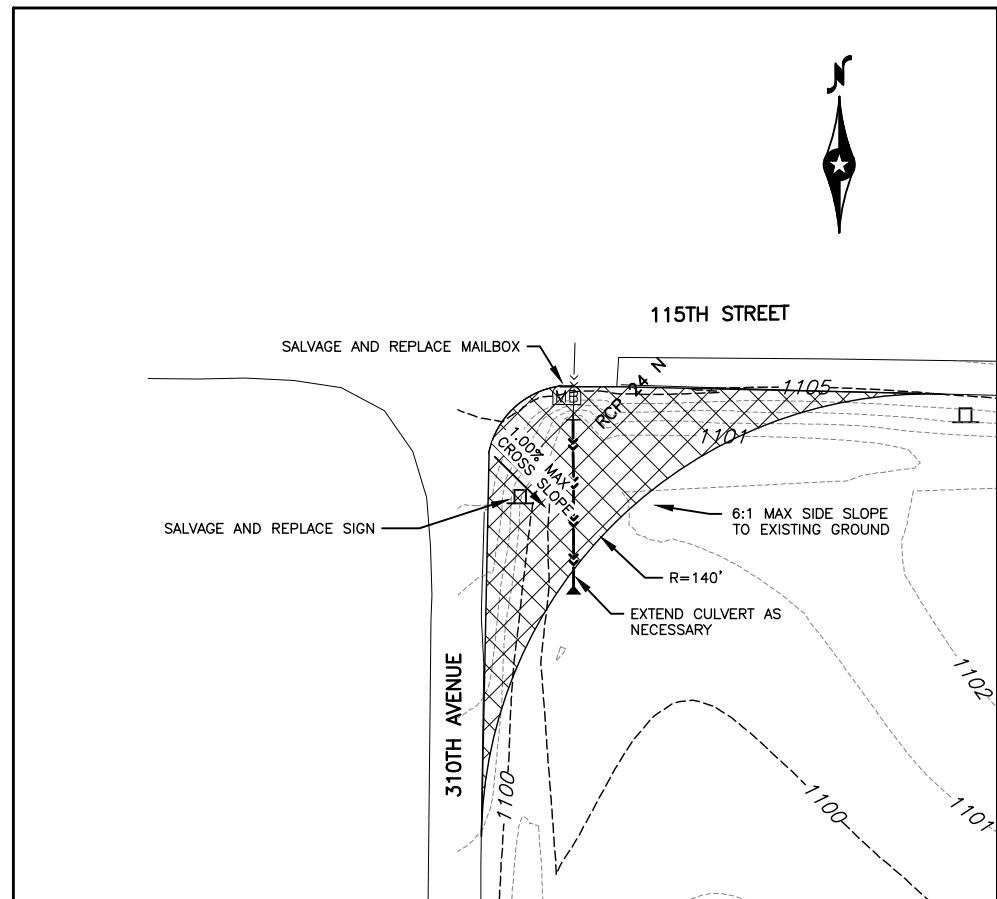
Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED
JWC
 DRAWN
KGA
 CHECKED
KFB

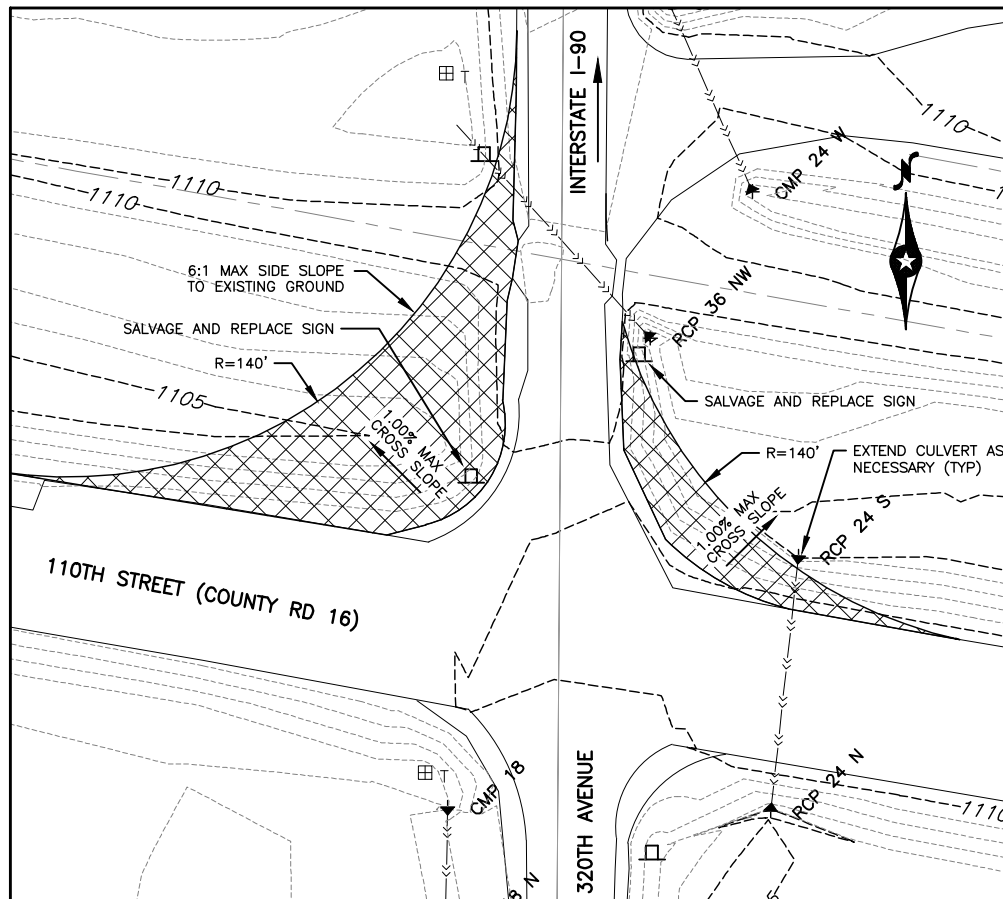
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

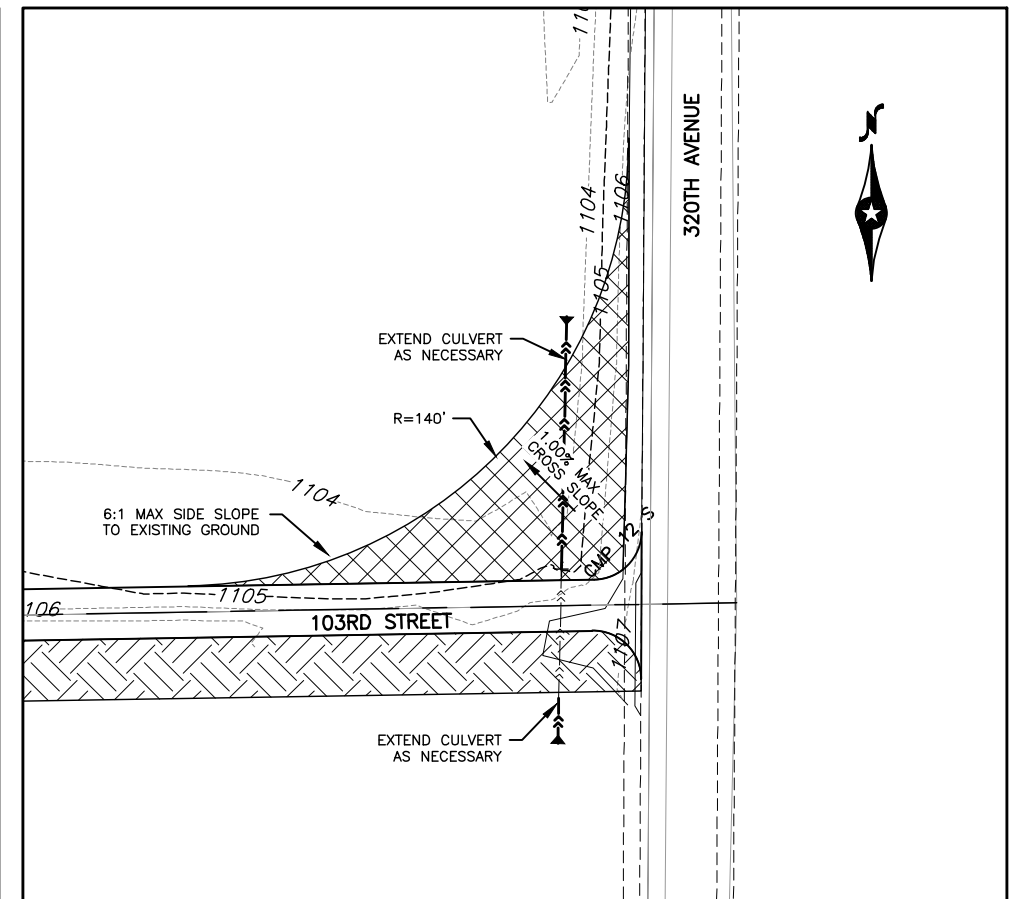
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 INTERSECTION DETAILS



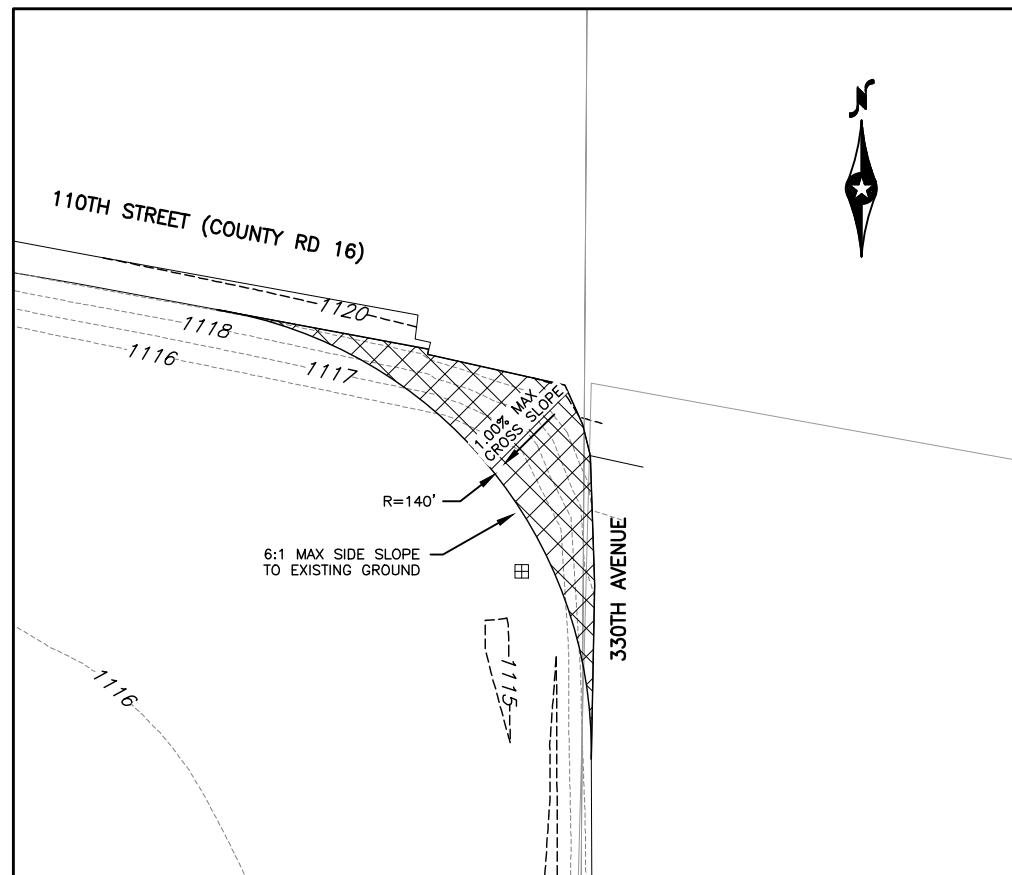
INTERSECTION 115TH STREET AND 310TH AVENUE



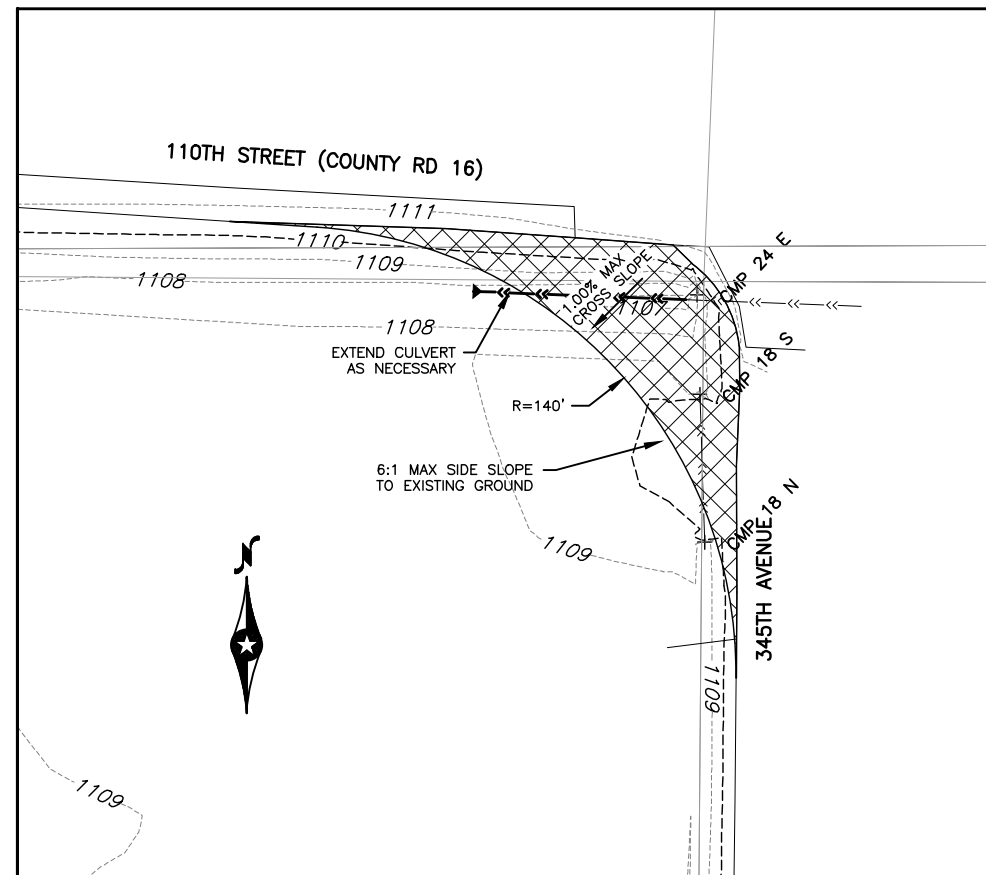
INTERSECTION 110TH STREET AND 320TH AVENUE



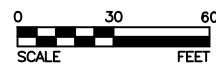
INTERSECTION 103RD STREET AND 320TH AVENUE



INTERSECTION 110TH STREET AND 330TH AVENUE



INTERSECTION 110TH STREET AND 345TH AVENUE



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

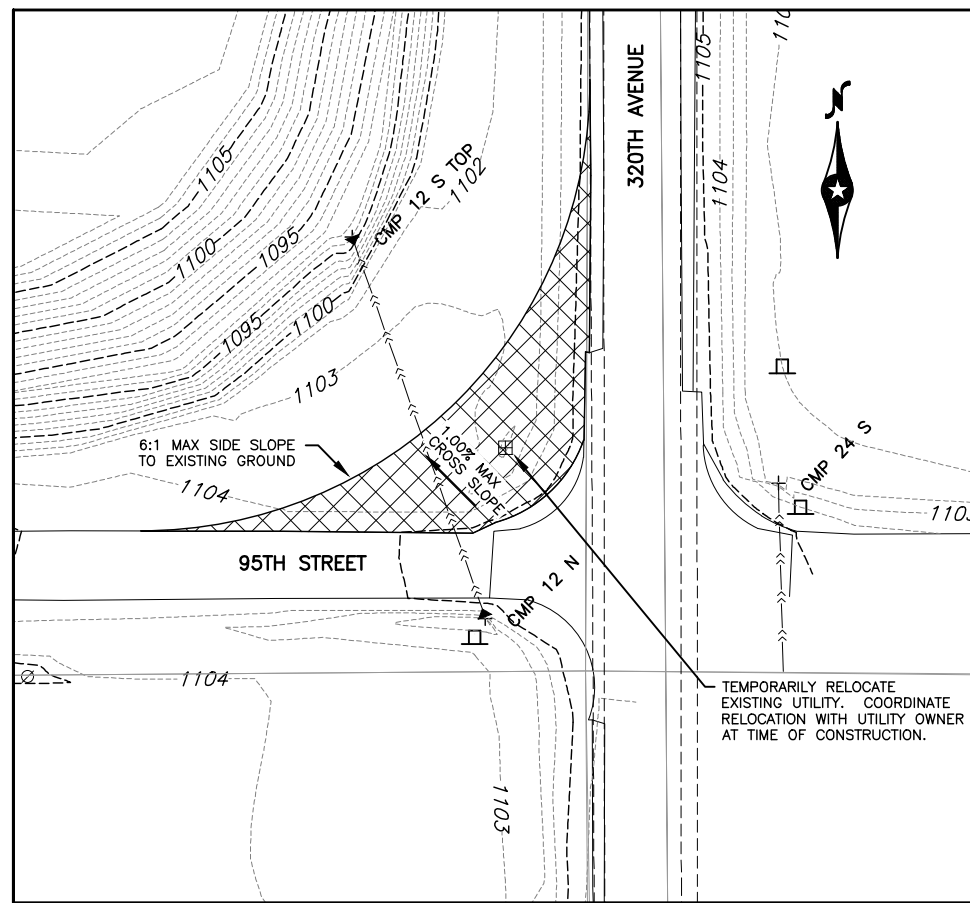
DESIGNED
JWC
 DRAWN
KGA
 CHECKED
KFB



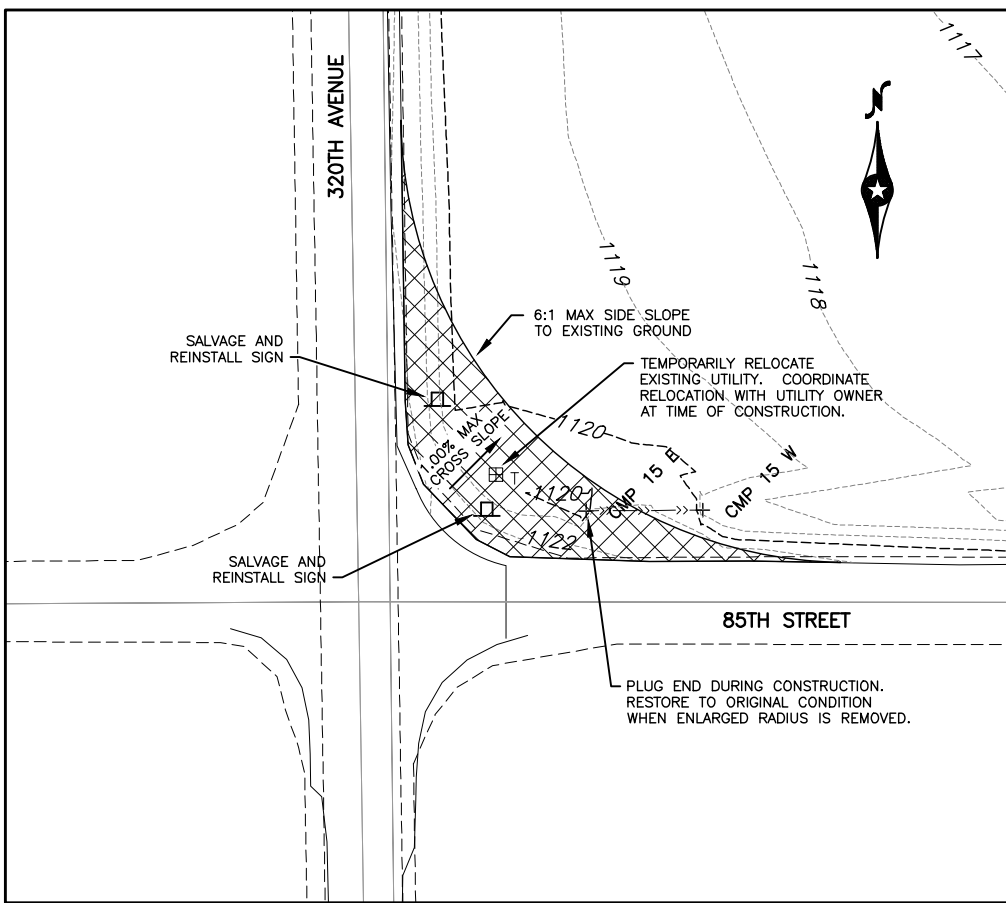
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

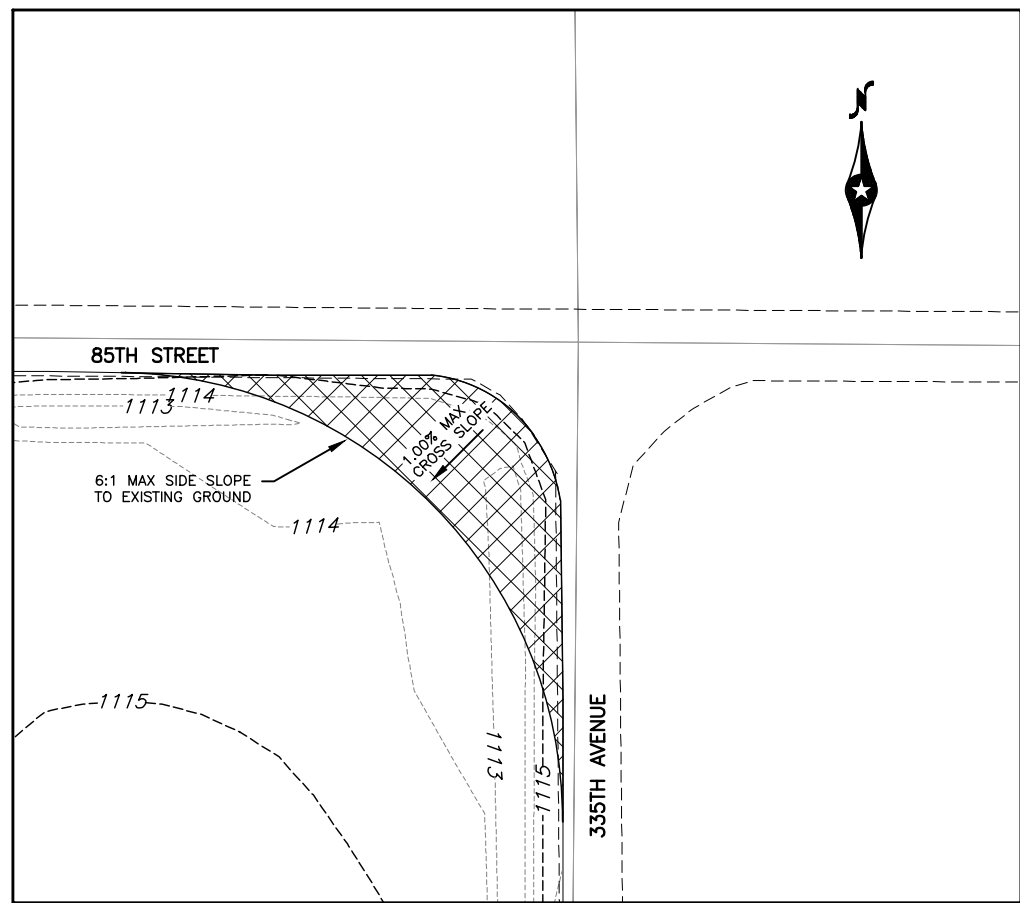
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 INTERSECTION DETAILS



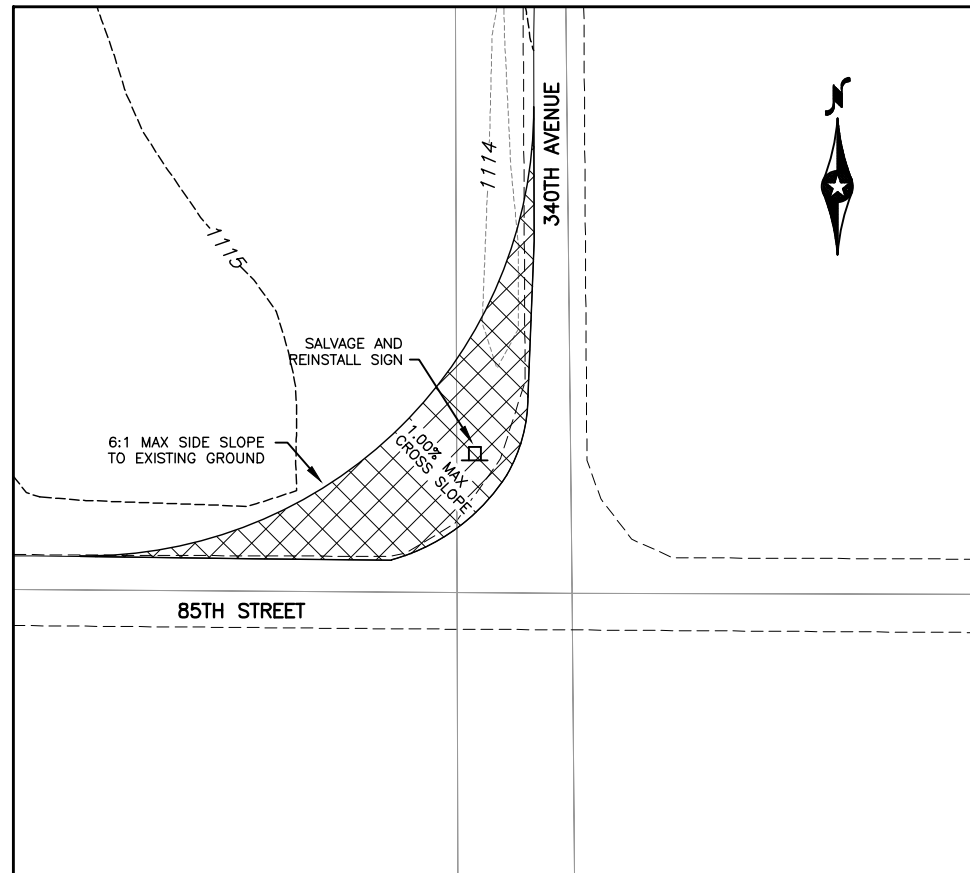
INTERSECTION 95TH STREET AND 320TH AVENUE



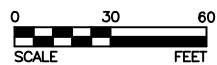
INTERSECTION 85TH STREET AND 320TH AVENUE



INTERSECTION 85TH STREET AND 335TH AVENUE



INTERSECTION 85TH STREET AND 340TH AVENUE



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

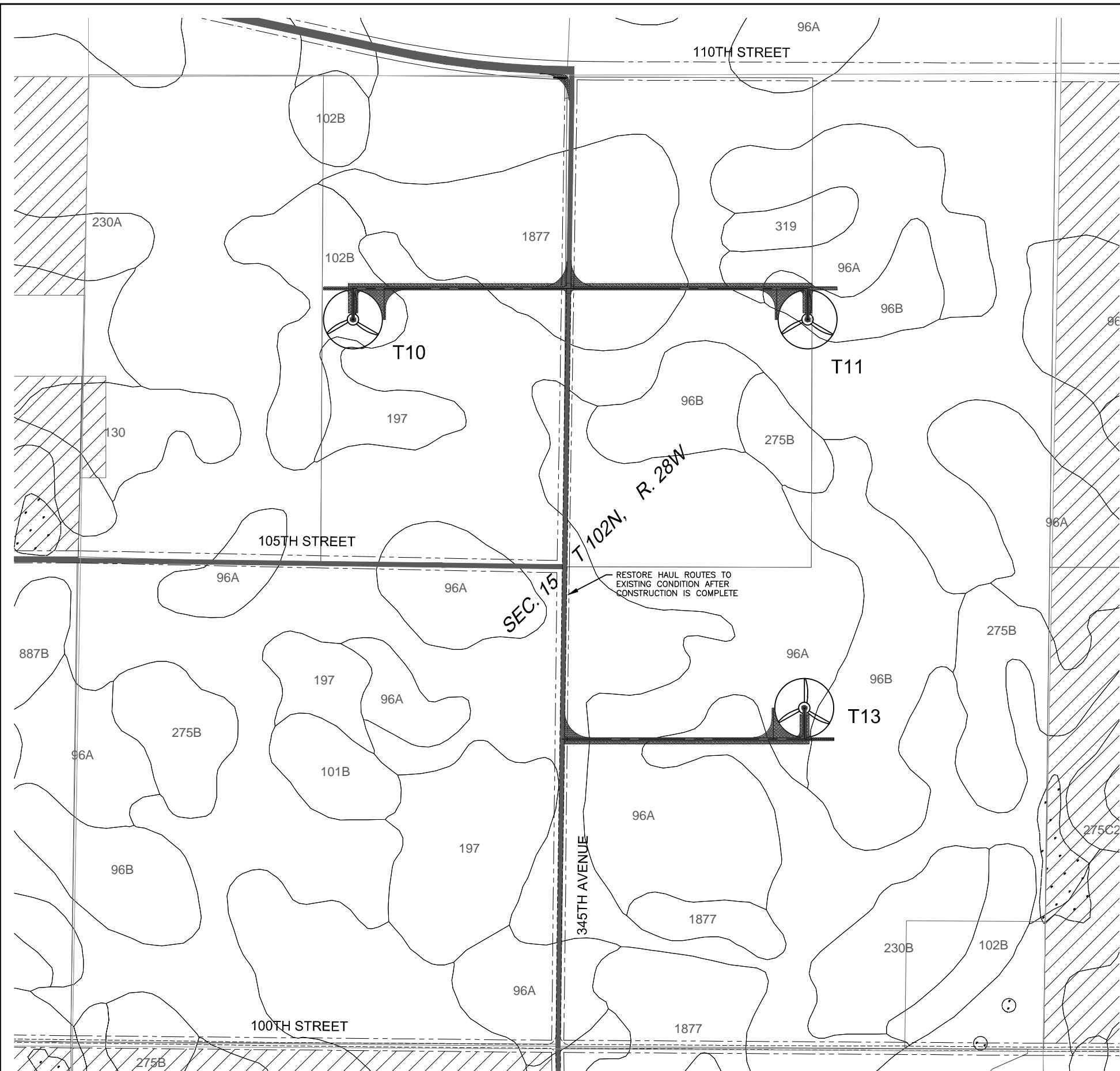
Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED
JWC
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KGA
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KFB

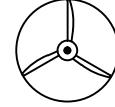

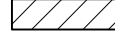
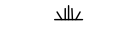
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 INTERSECTION DETAILS

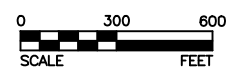


LEGEND

-  TURBINE LOCATION
- T10** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
- 96B** SOIL TYPE
-  NON-PARICIPATING PROPERTY
-  WETLAND

	R-29-W	R-28-W					R-28-W	R-27-W
T-103	31	32	33	34	35	36	31	
T-102	6	5	4	3	2	1	6	
		7	8	9	10	11	7	
		18	17	16	15	14	13	18
		19	20	21	22	23	24	19
		30	29	28	27	26	25	30
T-102	31	32	33	34	35	36	31	
T-101	6	5	4	3	2	1	6	

KEY MAP



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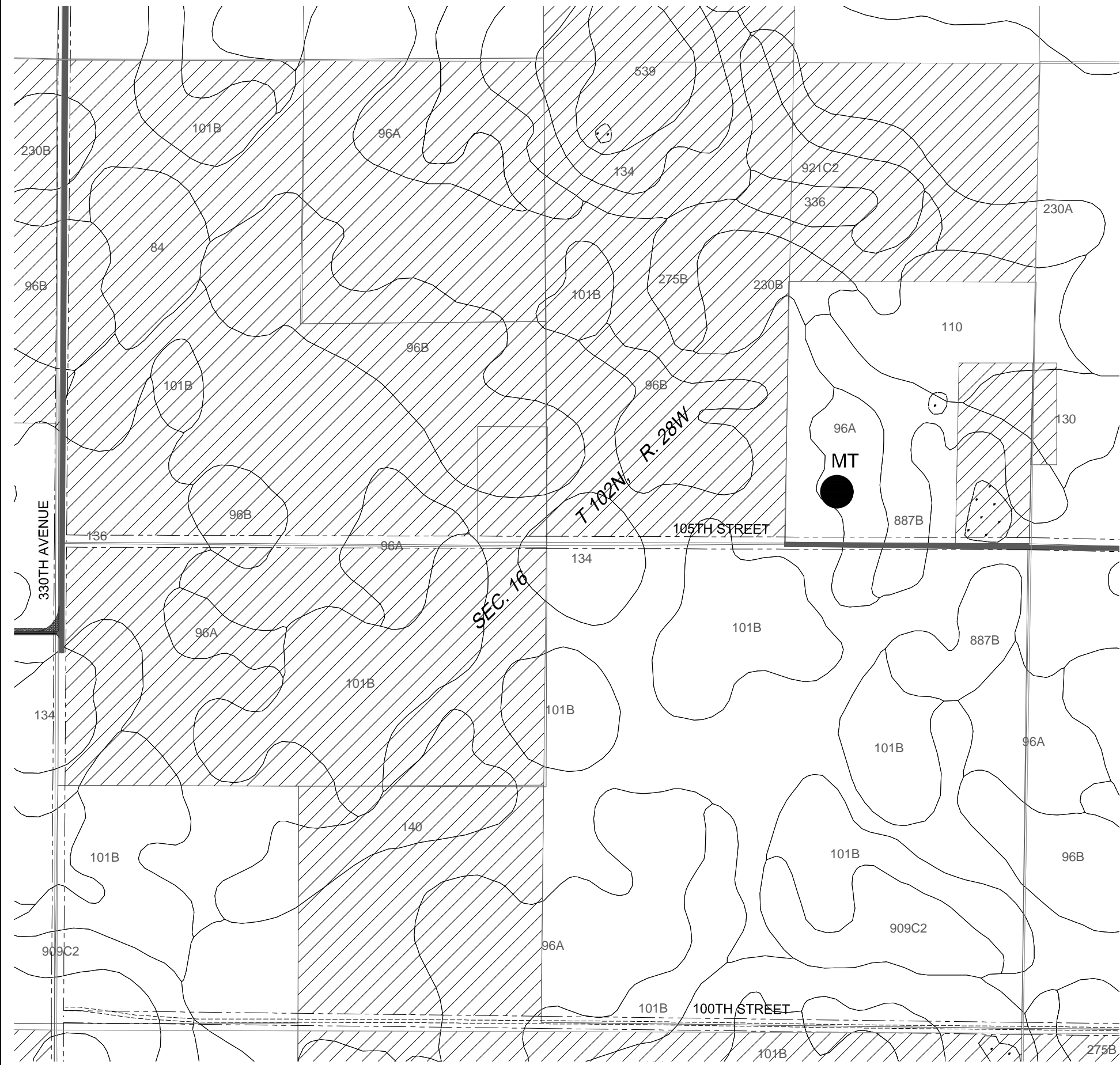
Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

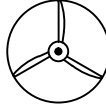





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 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 15 - SITE LAYOUT



LEGEND

-  TURBINE LOCATION
-  MET TOWER
-  ACCESS ROADS AND HAUL ROADS
-  96A SOIL TYPE
-  NON-PARTICIPATING PROPERTY
-  WETLAND

	R-29-W		R-28-W					R-28-W		R-27-W
T-103			31	32	33	34	35	36	31	
T-102			6	5	4	3	2	1	6	
			7	8	9	10	11	12	7	
			18	17	16	15	14	13	18	
			19	20	21	22	23	24	19	
			30	29	28	27	26	25	30	
T-102			31	32	33	34	35	36	31	
T-101			6	5	4	3	2	1	6	

KEY MAP

0 300 600
SCALE FEET

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H:\PRIV\16102626\Cad\102626_SITE.dwg 10/4/11 3:45 pm

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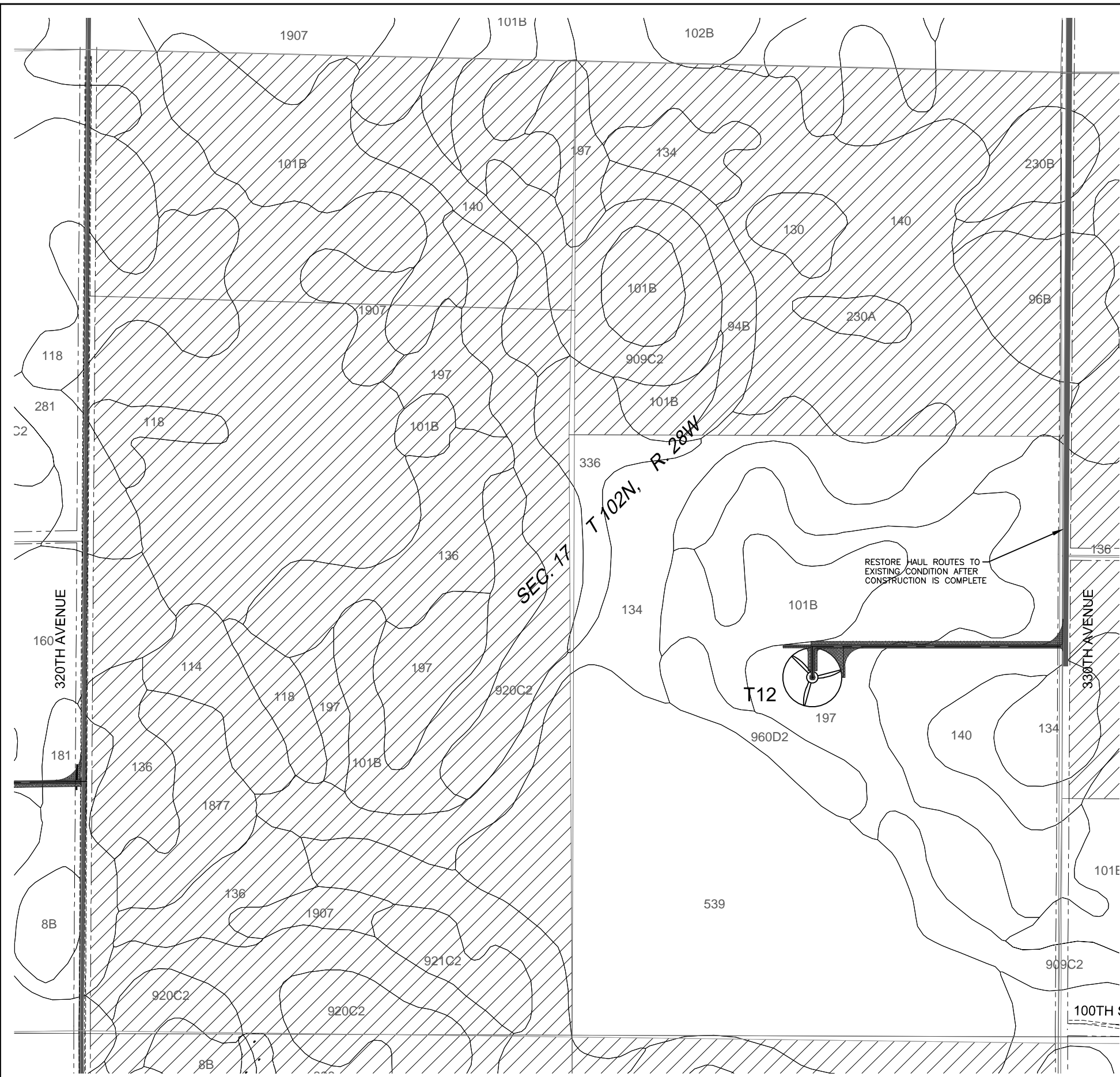
Kevin F. Bittner
KEVIN F. BITTNER
LIC. NO. 21814 DATE 10/04/2011

DESIGNED JWC
DRAWN KGA
CHECKED KFB

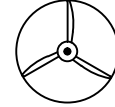

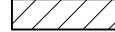
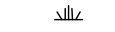
BOLTON & MENK, INC.
Consulting Engineers & Surveyors
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
SECTION 16 - SITE LAYOUT

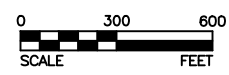


LEGEND

-  TURBINE LOCATION
- T12** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
- 197** SOIL TYPE
-  NON-PARICIPATING PROPERTY
-  WETLAND

	R-29-W	R-28-W					R-28-W	R-27-W
T-103	31	32	33	34	35	36	31	
T-102	6	5	4	3	2	1	6	
	7	8	9	10	11	12	7	
	18	17	16	15	14	13	18	
	19	20	21	22	23	24	19	
	30	29	28	27	26	25	30	
T-102	31	32	33	34	35	36	31	
T-101	6	5	4	3	2	1	6	

KEY MAP



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Kevin F. Bittner
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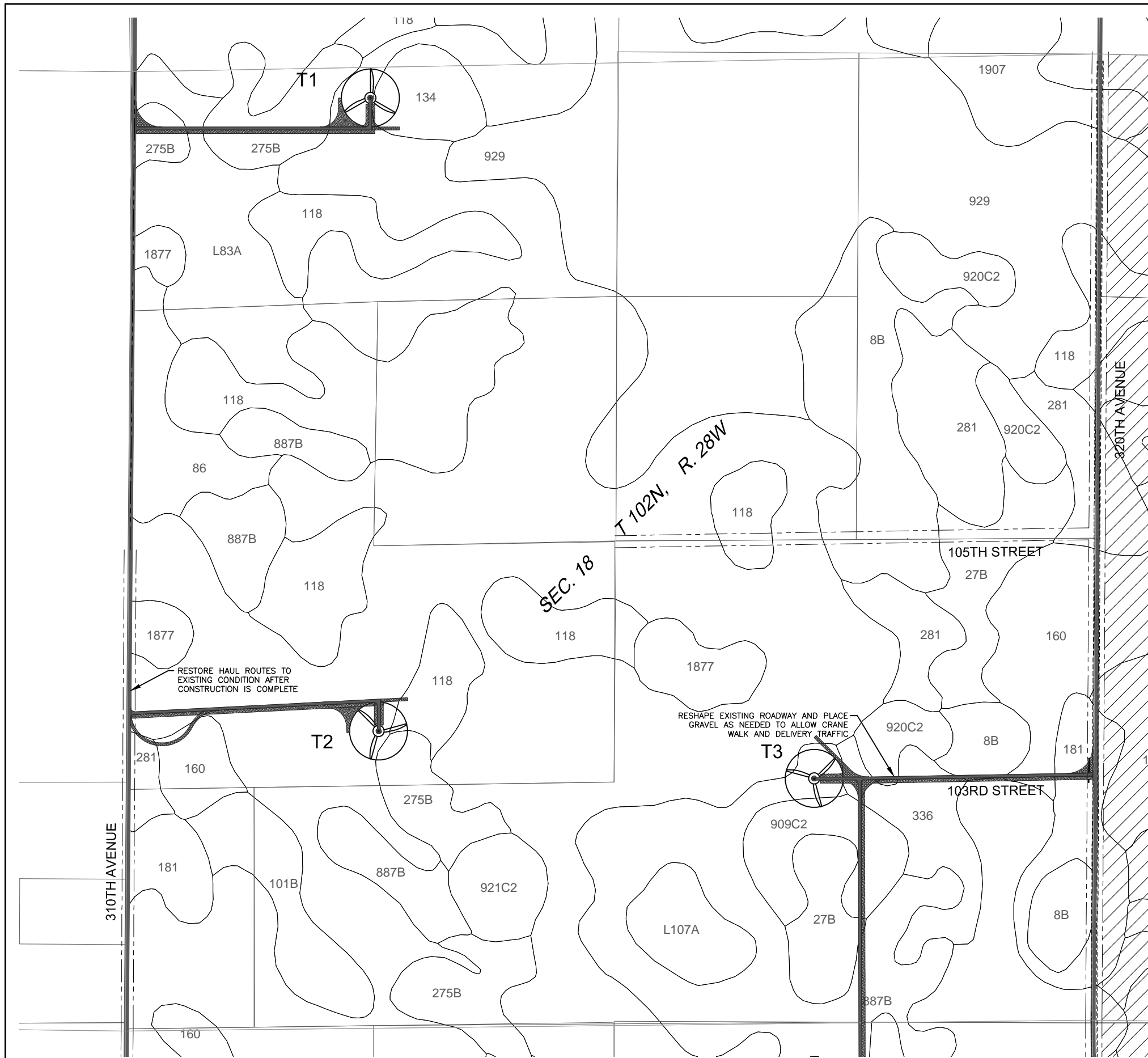
DESIGNED
JWC
 DRAWN
KGA
 CHECKED
KFB



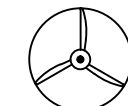
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 17 - SITE LAYOUT



LEGEND



TURBINE LOCATION

T1

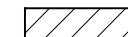
TURBINE NUMBER



ACCESS ROADS AND HAUL ROADS

920C2

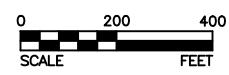
SOIL TYPE



NON-PARTICIPATING PROPERTY

	R-29-W	R-28-W				R-28-W	R-27-W	
T-103		31	32	33	34	35	36	31
T-102		6	5	4	3	2	1	6
		7	8	9	10	11	12	7
		18	17	16	15	14	13	18
		19	20	21	22	23	24	19
		30	29	28	27	26	25	30
T-102		31	32	33	34	35	36	31
T-101		6	5	4	3	2	1	6

KEY MAP



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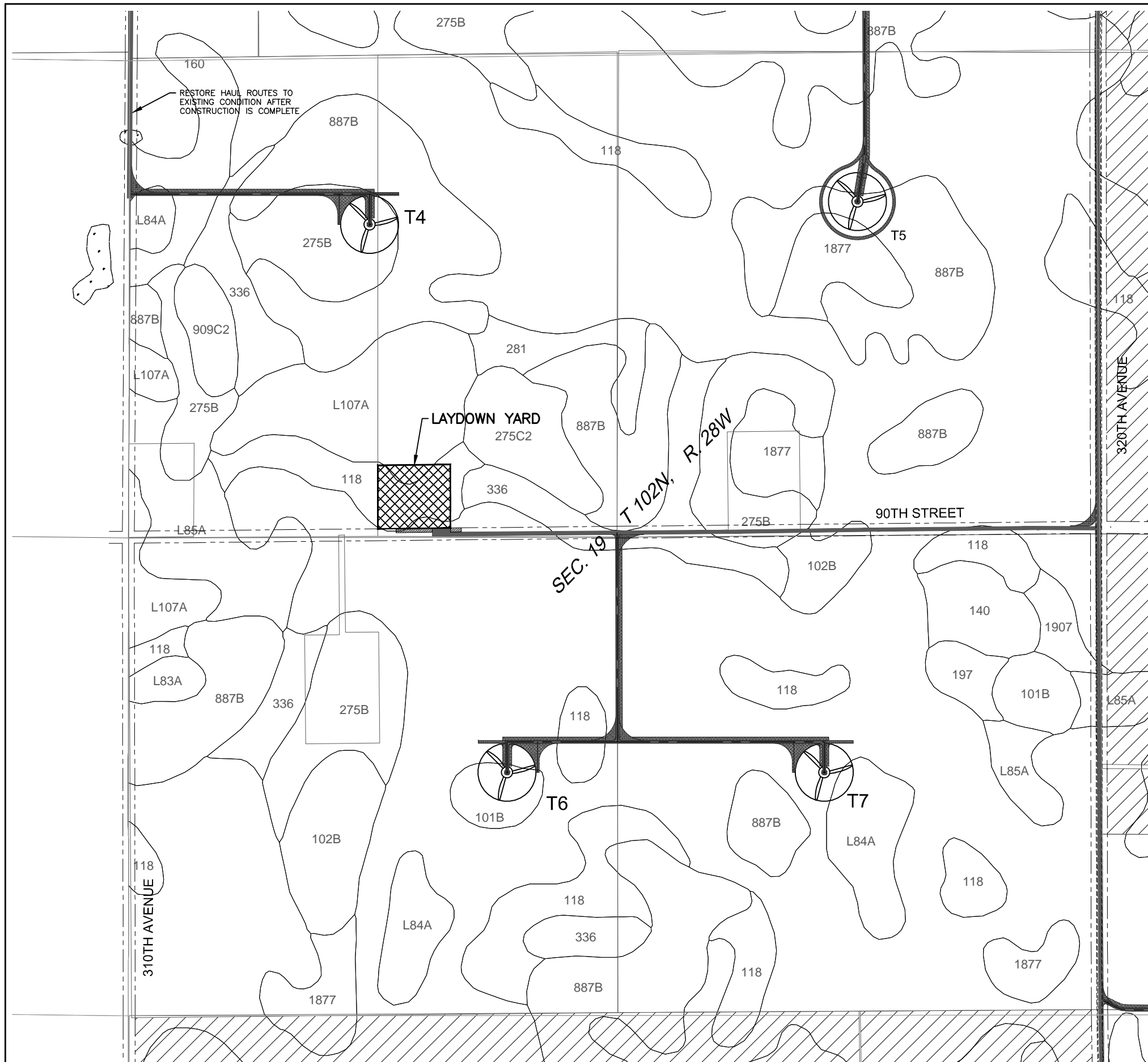
Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED
JWC
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KFB

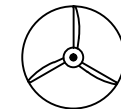
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 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 18 - SITE LAYOUT



LEGEND



TURBINE LOCATION

T4

TURBINE NUMBER

ACCESS ROADS AND HAUL ROADS

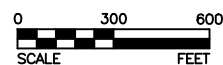
920C2 SOIL TYPE

NON-PARTICIPATING PROPERTY

WETLAND

	R-29-W	R-28-W	R-28-W	R-27-W
T-103	31	32	33	34
T-102	6	5	4	3
	7	8	9	10
	18	17	16	15
	19	20	21	22
	30	29	28	27
T-102	31	32	33	34
T-101	6	5	4	3

KEY MAP



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DESIGNED
JWC
 DRAWN
KGA
 CHECKED
KFB



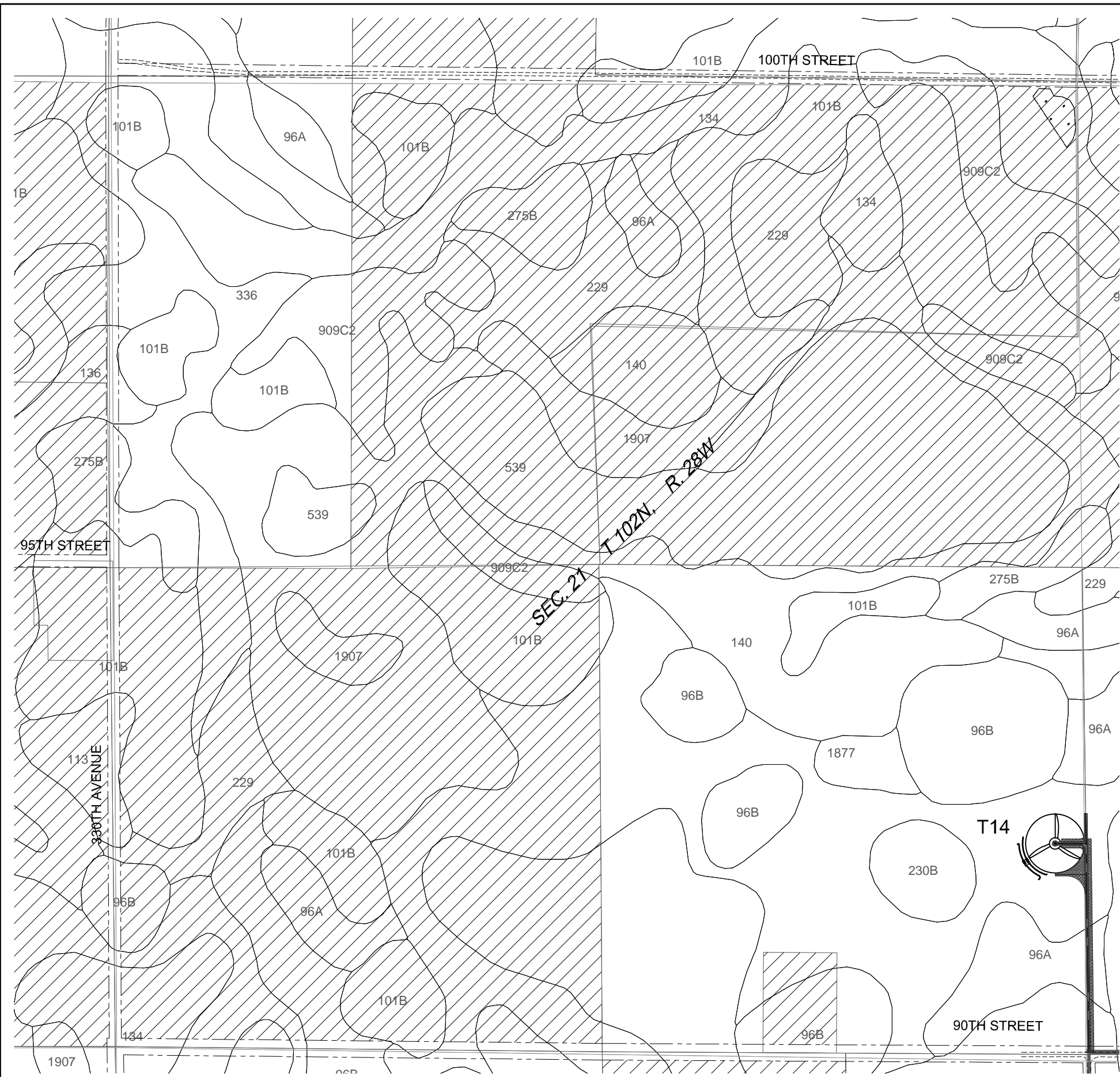
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 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

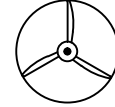

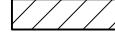
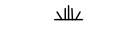
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN

SECTION 19 - SITE LAYOUT

SHEET
15
OF
40

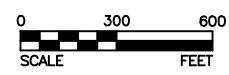


LEGEND

-  TURBINE LOCATION
- T14** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
- 1877** SOIL TYPE
-  NON-PARTICIPATING PROPERTY
-  WETLAND

	R-29-W		R-28-W				R-28-W		R-27-W
T-103	31	32	33	34	35	36	31		
T-102	6	5	4	3	2	1	6		
	7	8	9	10	11	12	7		
	18	17	16	15	14	13	18		
	19	20	21	22	23	24	19		
	30	29	28	27	26	25	30		
T-102	31	32	33	34	35	36	31		
T-101	6	5	4	3	2	1	6		

KEY MAP



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Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

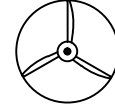

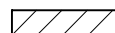
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 21 - SITE LAYOUT

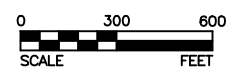


LEGEND

-  TURBINE LOCATION
- T17** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
- 96A** SOIL TYPE
-  NON-PARTICIPATING PROPERTY

	R-29-W	R-28-W					R-28-W	R-27-W
T-103		31	32	33	34	35	36	31
T-102		6	5	4	3	2	1	6
		7	8	9	10	11	12	7
		18	17	16	15	14	13	18
		19	20	21	22	23	24	19
		30	29	28	27	26	25	30
T-102		31	32	33	34	35	36	31
T-101		6	5	4	3	2	1	6

KEY MAP



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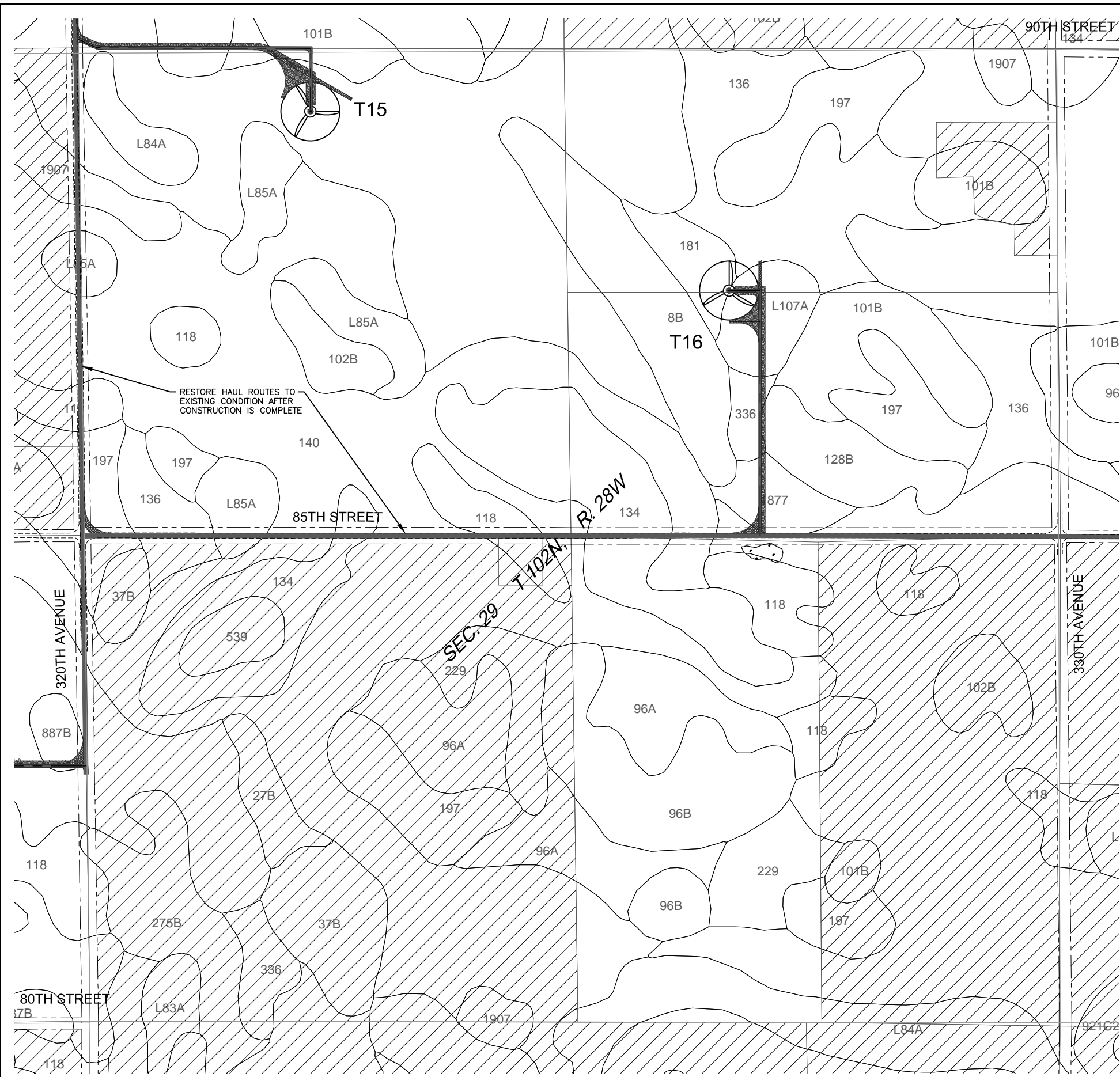
Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED
JWC
 DRAWN
KGA
 CHECKED
KFB

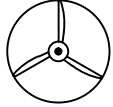


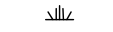
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 28 - SITE LAYOUT

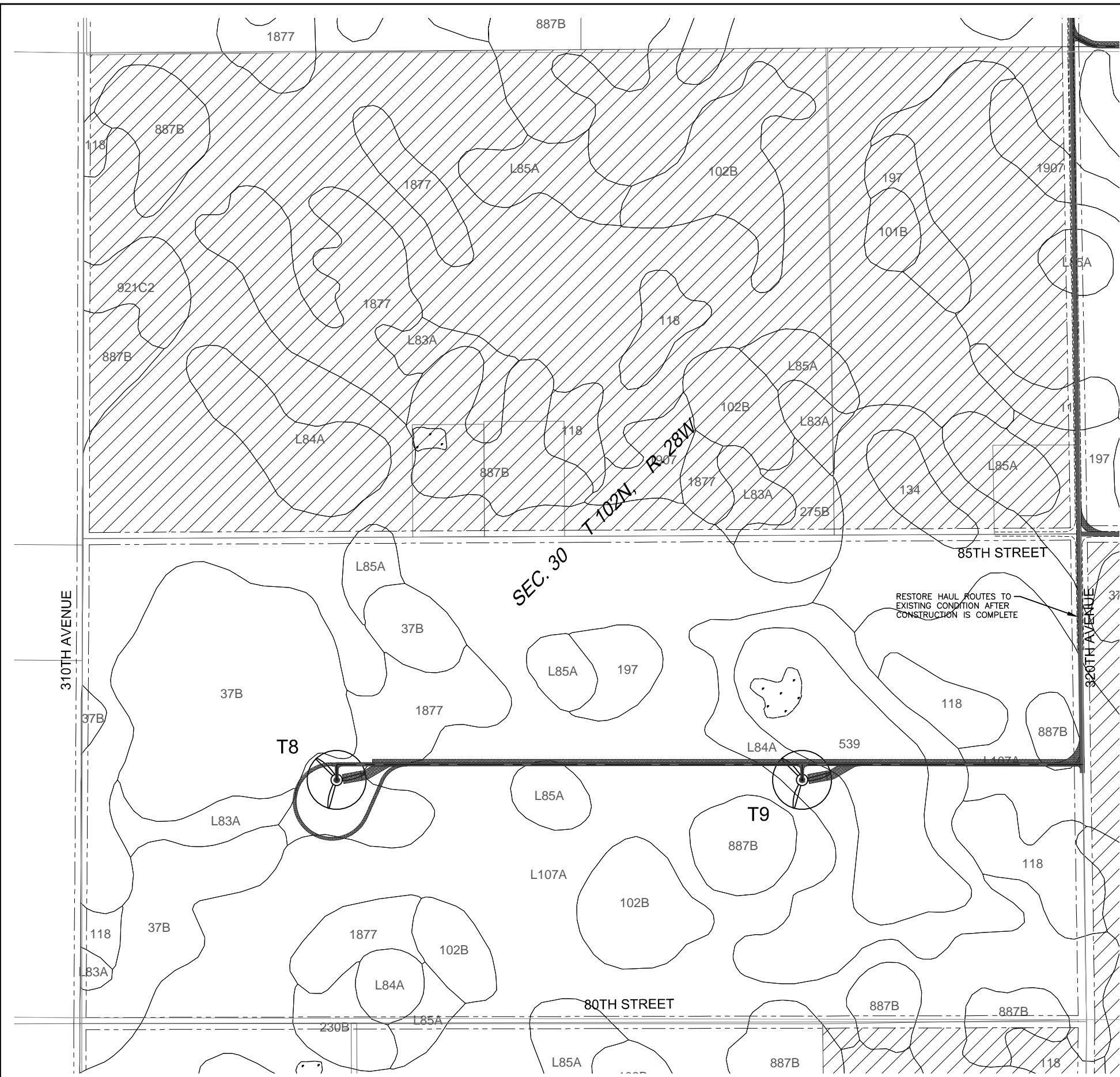


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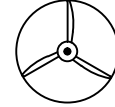

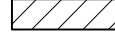
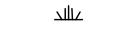
-  TURBINE LOCATION
- T15** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
- L107A** SOIL TYPE
-  NON-PARTICIPATING PROPERTY
-  WETLAND


	R-29-W					R-28-W	
	31	32	33	34	35	36	31
T-103	31	32	33	34	35	36	31
T-102	6	5	4	3	2	1	6
	7	8	9	10	11	12	7
T-101	18	17	16	15	14	13	18
	19	20	21	22	23	24	19
	30	29	28	27	26	25	30
T-102	31	32	33	34	35	36	31
T-101	6	5	4	3	2	1	6

KEY MAP

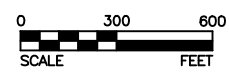


LEGEND

-  TURBINE LOCATION
- T8** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
- L84A** SOIL TYPE
-  NON-PARICIPATING PROPERTY
-  WETLAND

	R-29-W	R-28-W	R-28-W	R-28-W	R-28-W	R-27-W
T-103	31	32	33	34	35	36
T-102	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
		29	28	27	26	25
T-102	31	32	33	34	35	36
T-101	6	5	4	3	2	1

KEY MAP



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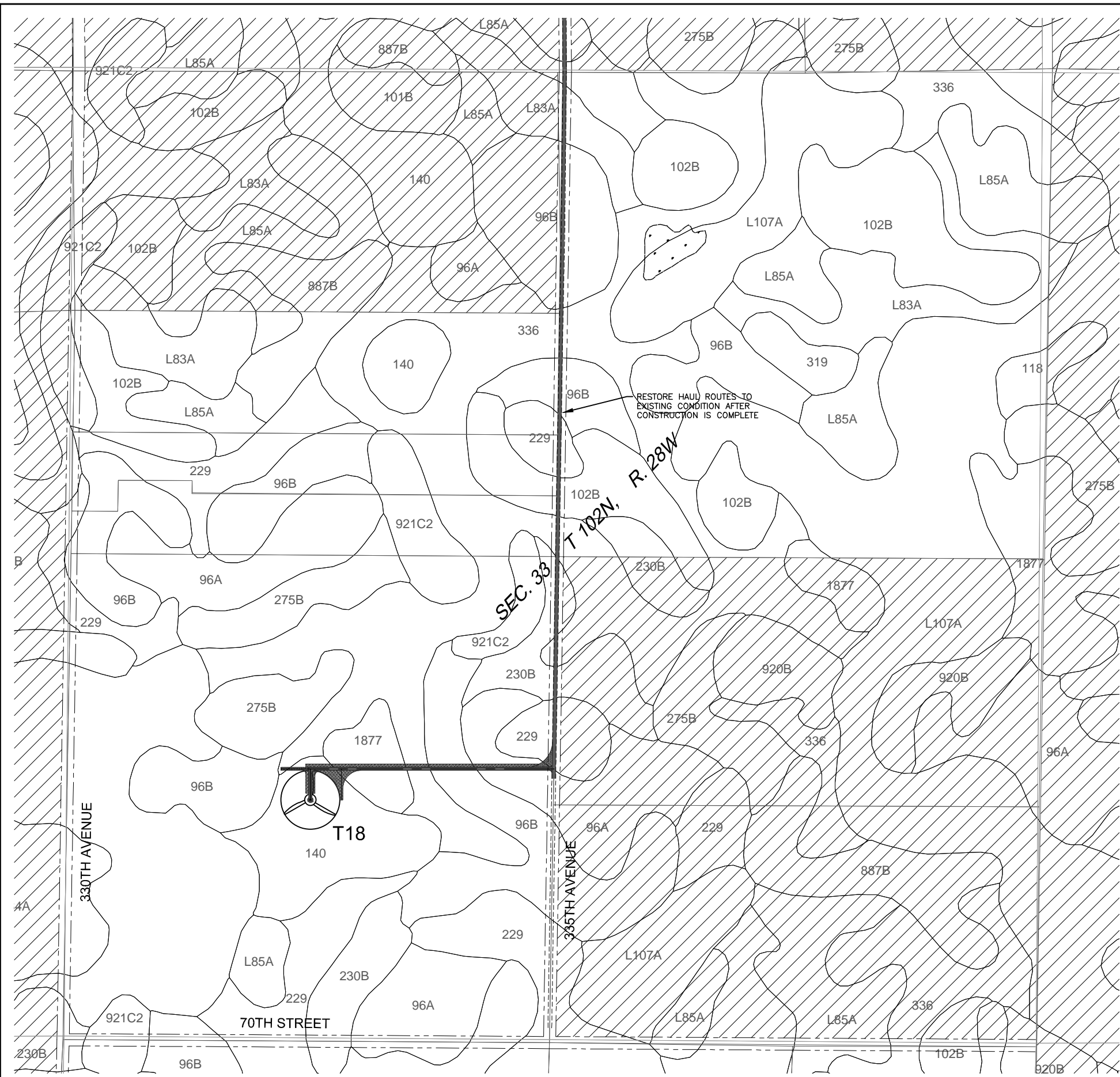
Kevin F. Bittner
 KEVIN F. BITTNER
 U.C. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

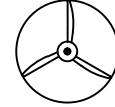


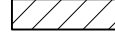
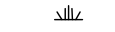
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 30 - SITE LAYOUT

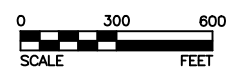


LEGEND

-  TURBINE LOCATION
- T18** TURBINE NUMBER
-  ACCESS ROADS AND HAUL ROADS
-  1877 SOIL TYPE
-  NON-PARTICIPATING PROPERTY
-  WETLAND

	R-29-W		R-28-W			R-28-W		R-27-W
T-103	31	32	33	34	35	36	31	
T-102	6	5	4	3	2	1	6	
	7	8	9	10	11	12	7	
	18	17	16	15	14	13	18	
	19	20	21	22	23	24	19	
	30	29	28	27	26	25	30	
T-102	31	32	33	34	35	36	31	
T-101	6	5	4	3	2	1	6	

KEY MAP



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Kevin F. Bittner
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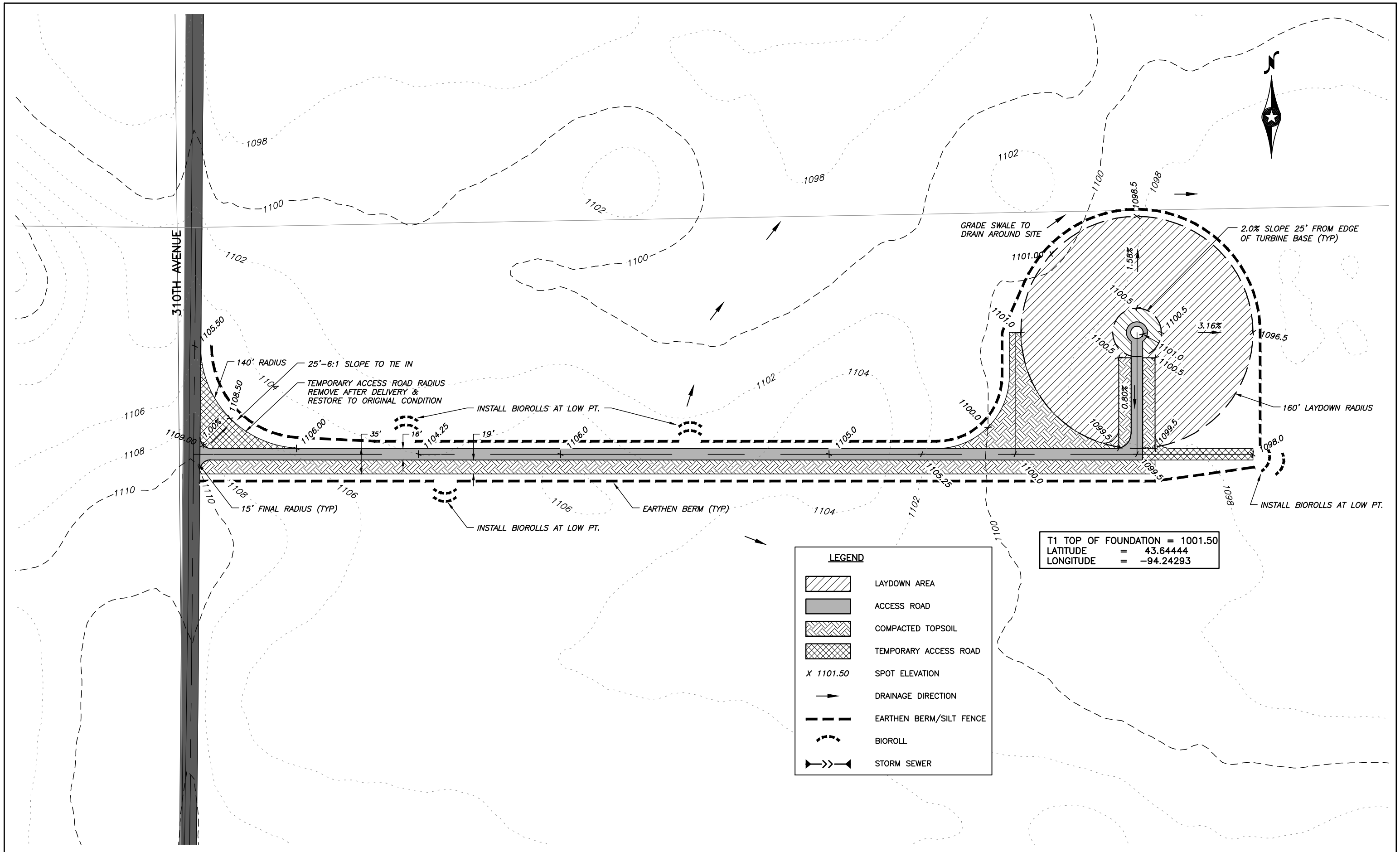
DESIGNED JWC
 DRAWN KGA
 CHECKED KFB



BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

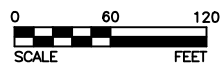
REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SECTION 33 - SITE LAYOUT



T1 TOP OF FOUNDATION = 1001.50
 LATITUDE = 43.64444
 LONGITUDE = -94.24293

LEGEND	
	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER



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 LIC. NO. 21814 DATE 10/04/2011

DESIGNED JWC
 DRAWN KGA
 CHECKED KFB

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 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

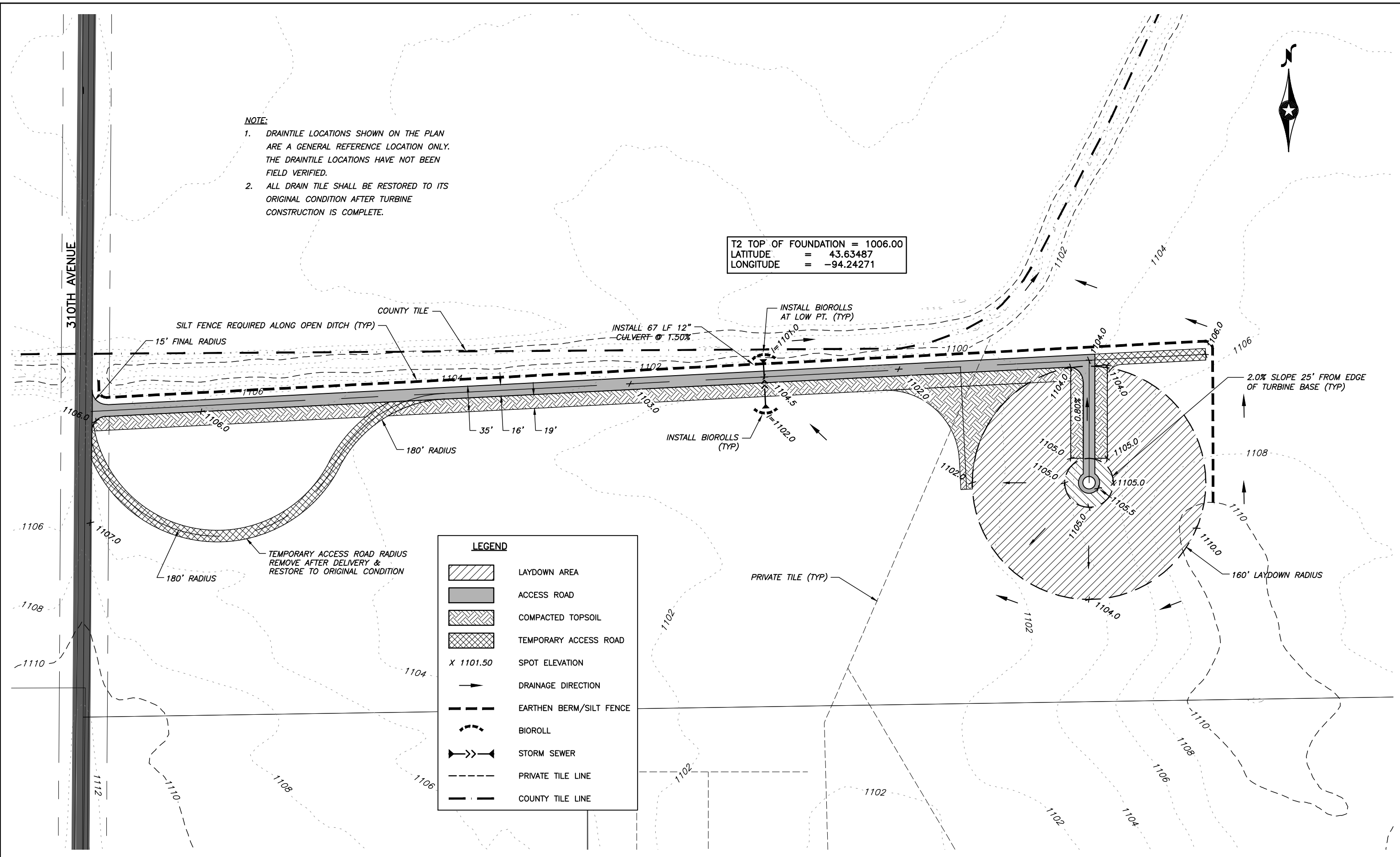
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T1 TURBINE - SECTION 18

SHEET 21 OF 40

NOTE:

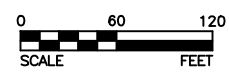
1. DRAINTILE LOCATIONS SHOWN ON THE PLAN ARE A GENERAL REFERENCE LOCATION ONLY. THE DRAINTILE LOCATIONS HAVE NOT BEEN FIELD VERIFIED.
2. ALL DRAIN TILE SHALL BE RESTORED TO ITS ORIGINAL CONDITION AFTER TURBINE CONSTRUCTION IS COMPLETE.

T2 TOP OF FOUNDATION = 1006.00
 LATITUDE = 43.63487
 LONGITUDE = -94.24271



LEGEND

- LAYDOWN AREA
- ACCESS ROAD
- COMPACTED TOPSOIL
- TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
- DRAINAGE DIRECTION
- EARTHEN BERM/SILT FENCE
- BIOROLL
- STORM SEWER
- PRIVATE TILE LINE
- COUNTY TILE LINE



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Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED
JWC
 DRAWN
KGA
 CHECKED
KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T2 TURBINE - SECTION 18

T3 TOP OF FOUNDATION = 1115.00
 LATITUDE = 43.63417
 LONGITUDE = -94.23364



INSTALL VERTICAL CURVE TO ENSURE NO MORE THAN 0.5' HUMP IN ALIGNMENT OVER 50'

PRIVATE TILE (TYP)

35' 16' 19'

EARTHEN BERM (TYP)

TEMPORARY ACCESS ROAD RADIUS REMOVE AFTER DELIVERY & RESTORE TO ORIGINAL CONDITION

INSTALL BIOROLL AT LOW PT. (TYP)

EARTHEN BERM

2.0% SLOPE 25' FROM EDGE OF TURBINE BASE (TYP)

INSTALL BIOROLLS AT LOW PT. (TYP)

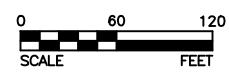
INSTALL 90 LF 12" CULVERT @ 0.56%

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LEGEND

- LAYDOWN AREA
- ACCESS ROAD
- COMPACTED TOPSOIL
- TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
- DRAINAGE DIRECTION
- EARTHEN BERM/SILT FENCE
- BIOROLL
- STORM SEWER
- PRIVATE TILE LINE

ACCESS ROAD



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Kevin F. Bittner
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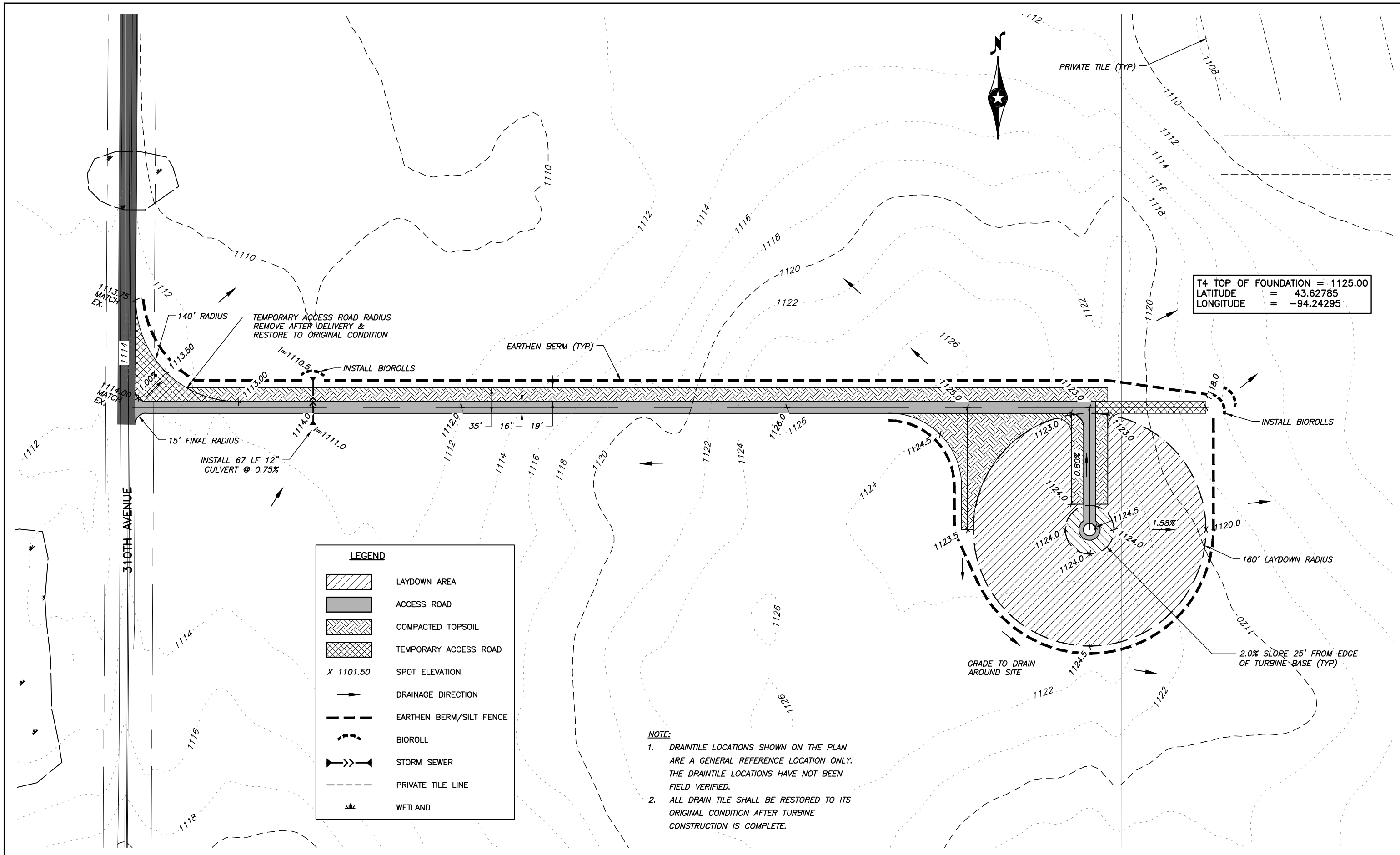
DESIGNED JWC
 DRAWN KGA
 CHECKED KFB

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REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T3 TURBINE - SECTION 18

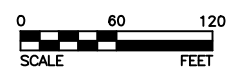
SHEET 23 OF 40



T4 TOP OF FOUNDATION = 1125.00
 LATITUDE = 43.62785
 LONGITUDE = -94.24295

LEGEND	
	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER
	PRIVATE TILE LINE
	WETLAND

NOTE:
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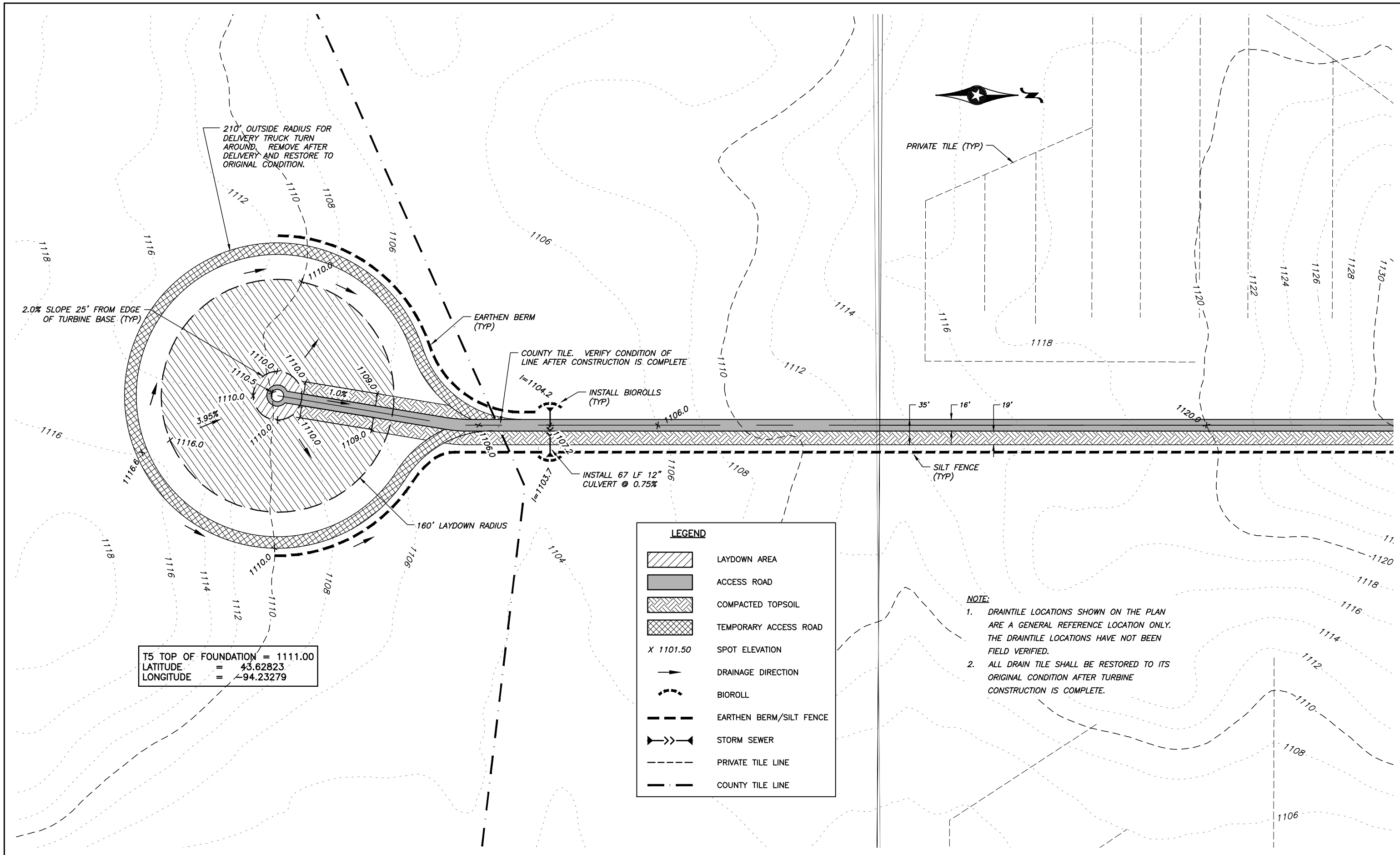
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED JWC
 DRAWN KGA
 CHECKED KFB
BOLTON & MENK, INC.
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 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T4 TURBINE - SECTION 19

SHEET 24 OF 40



T5 TOP OF FOUNDATION = 1111.00
 LATITUDE = 43.62823
 LONGITUDE = -94.23279

LEGEND











- LAYDOWN AREA
- ACCESS ROAD
- COMPACTED TOPSOIL
- TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
- DRAINAGE DIRECTION
- BIOROLL
- EARTHEN BERM/SILT FENCE
- STORM SEWER
- PRIVATE TILE LINE
- COUNTY TILE LINE

NOTE:

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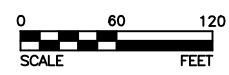
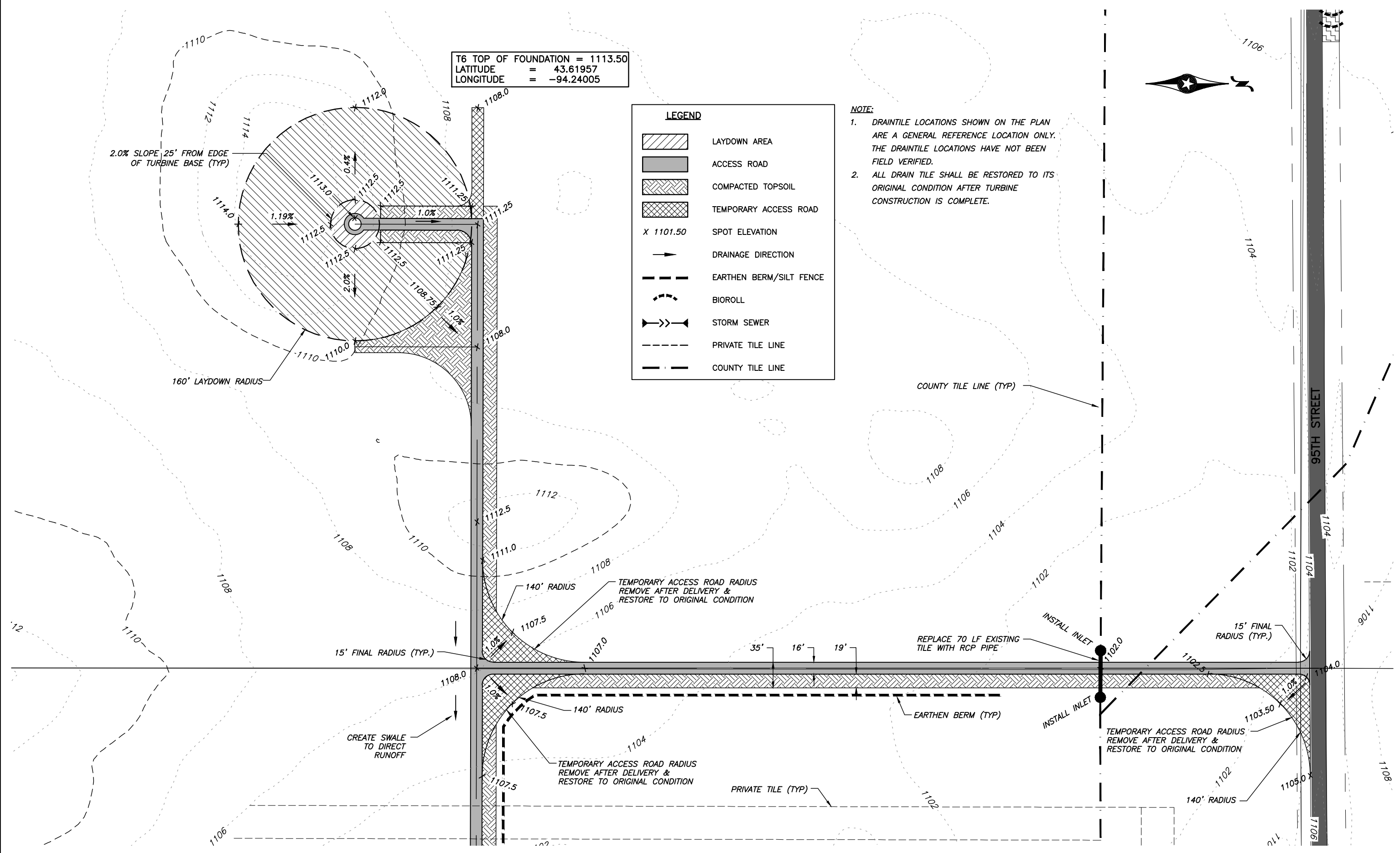
T6 TOP OF FOUNDATION = 1113.50
 LATITUDE = 43.61957
 LONGITUDE = -94.24005

LEGEND

-  LAYDOWN AREA
-  ACCESS ROAD
-  COMPACTED TOPSOIL
-  TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
-  DRAINAGE DIRECTION
-  EARTHEN BERM/SILT FENCE
-  BIOROLL
-  STORM SEWER
-  PRIVATE TILE LINE
-  COUNTY TILE LINE

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Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

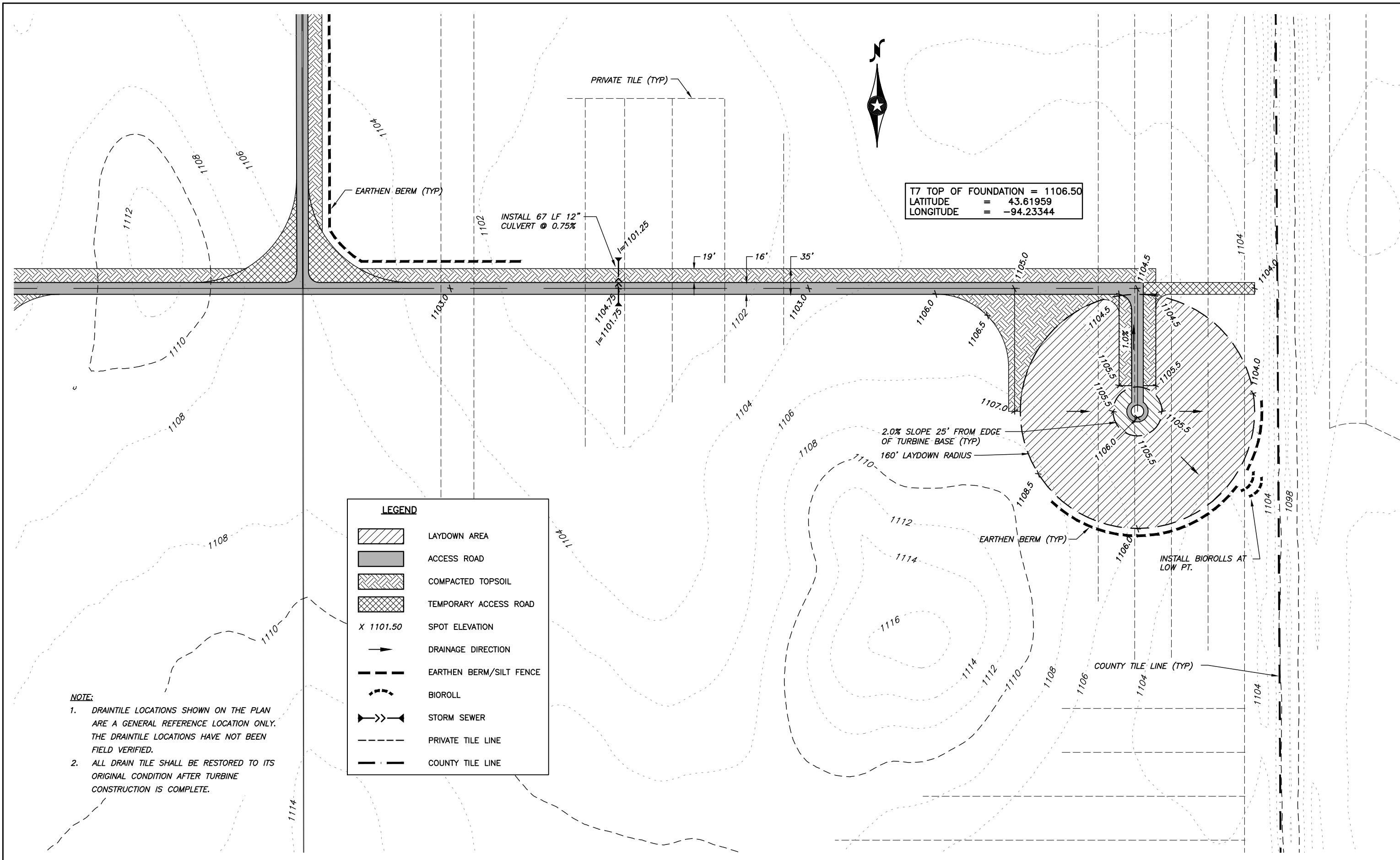
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors

MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T6 TURBINE - SECTION 19

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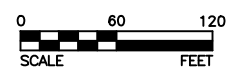
T7 TOP OF FOUNDATION = 1106.50
 LATITUDE = 43.61959
 LONGITUDE = -94.23344

LEGEND

- LAYDOWN AREA
- ACCESS ROAD
- COMPACTED TOPSOIL
- TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
- DRAINAGE DIRECTION
- EARTHEN BERM/SILT FENCE
- BIOROLL
- STORM SEWER
- PRIVATE TILE LINE
- COUNTY TILE LINE

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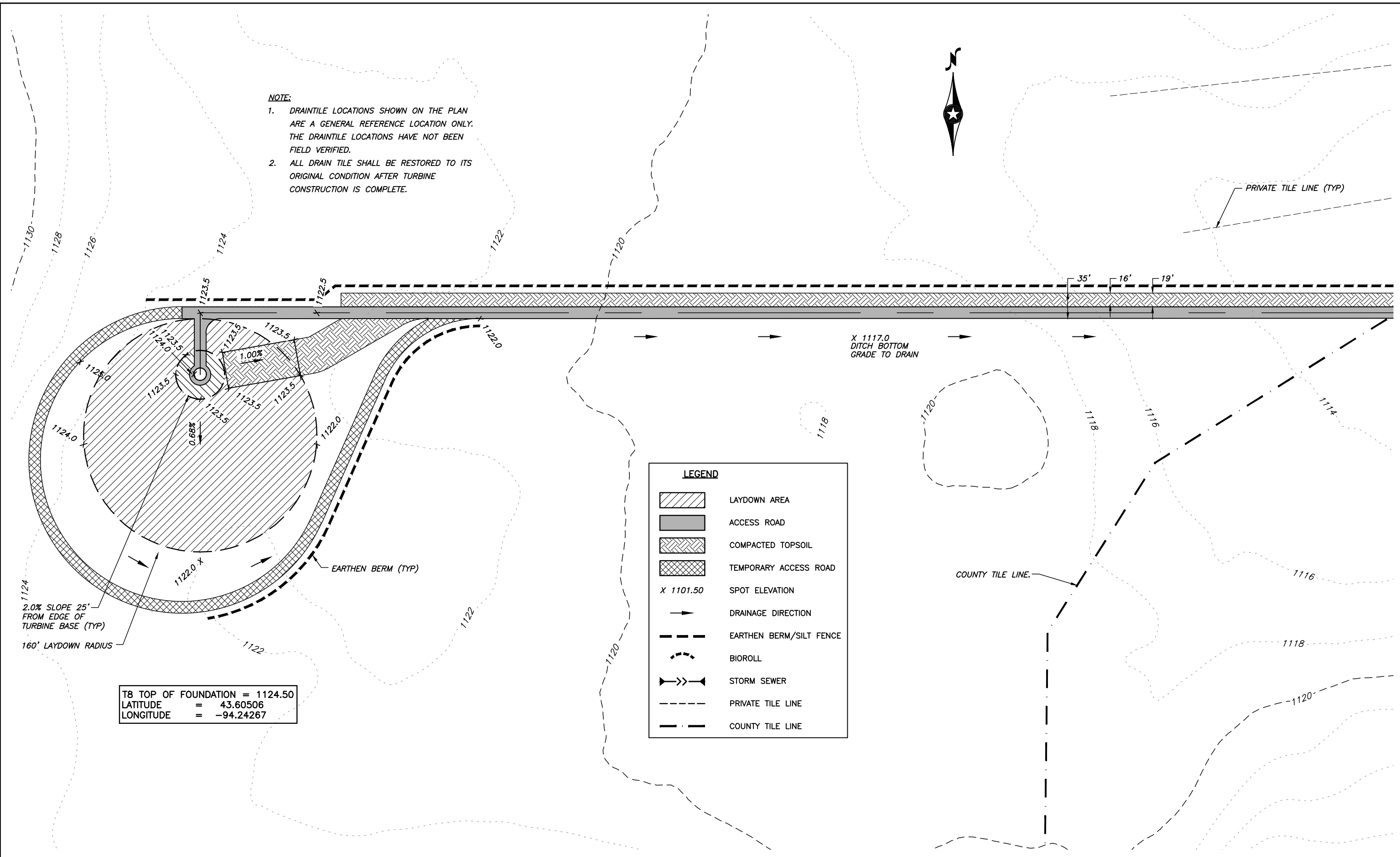
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T7 TURBINE - SECTION 19

NOTE:

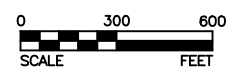
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T8 TOP OF FOUNDATION = 1124.50
 LATITUDE = 43.60506
 LONGITUDE = -94.24267

LEGEND

- LAYDOWN AREA
- ACCESS ROAD
- COMPACTED TOPSOIL
- TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
- DRAINAGE DIRECTION
- EARTHEN BERM/SILT FENCE
- BIOROLL
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- PRIVATE TILE LINE
- COUNTY TILE LINE



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DESIGNED: JWC
 DRAWN: KGA
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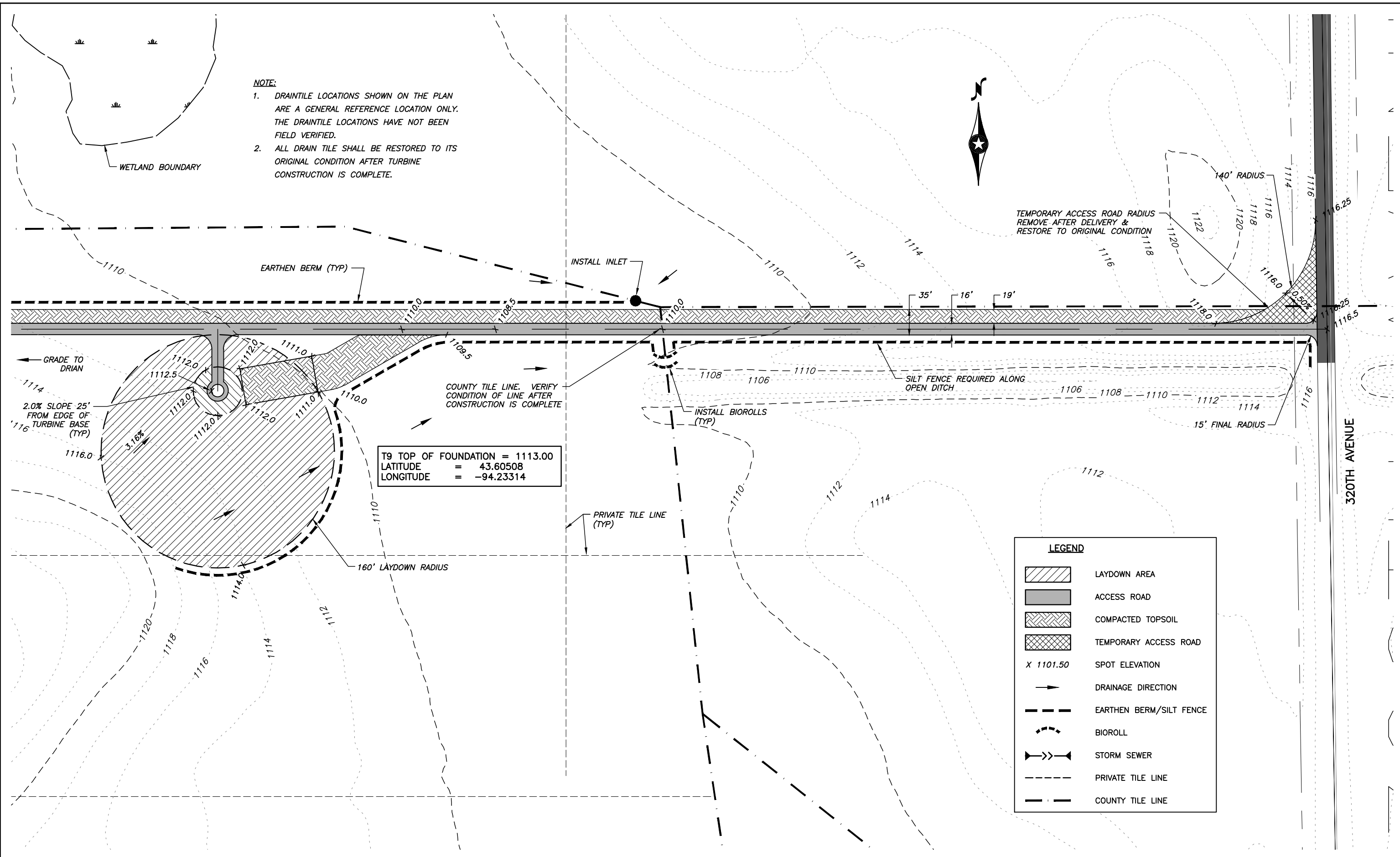
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 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T8 TURBINE - SECTION 30

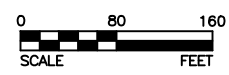
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T9 TOP OF FOUNDATION = 1113.00
 LATITUDE = 43.60508
 LONGITUDE = -94.23314

LEGEND	
	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER
	PRIVATE TILE LINE
	COUNTY TILE LINE



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

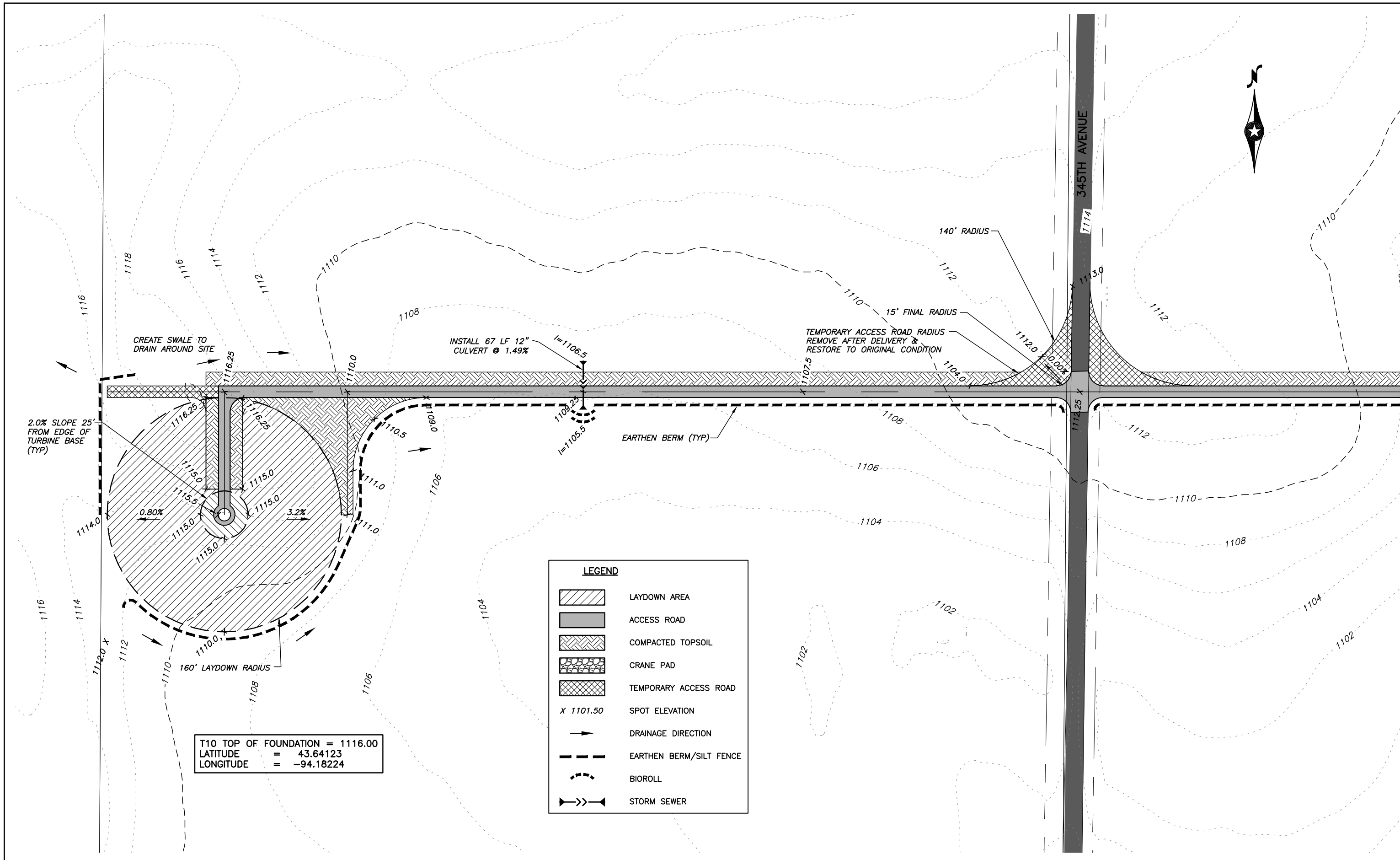
Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

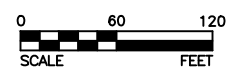
REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T9 TURBINE - SECTION 30



T10 TOP OF FOUNDATION = 1116.00
 LATITUDE = 43.64123
 LONGITUDE = -94.18224

LEGEND	
	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	CRANE PAD
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER



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Kevin F. Bittner
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 LIC. NO. 21814 DATE 10/04/2011

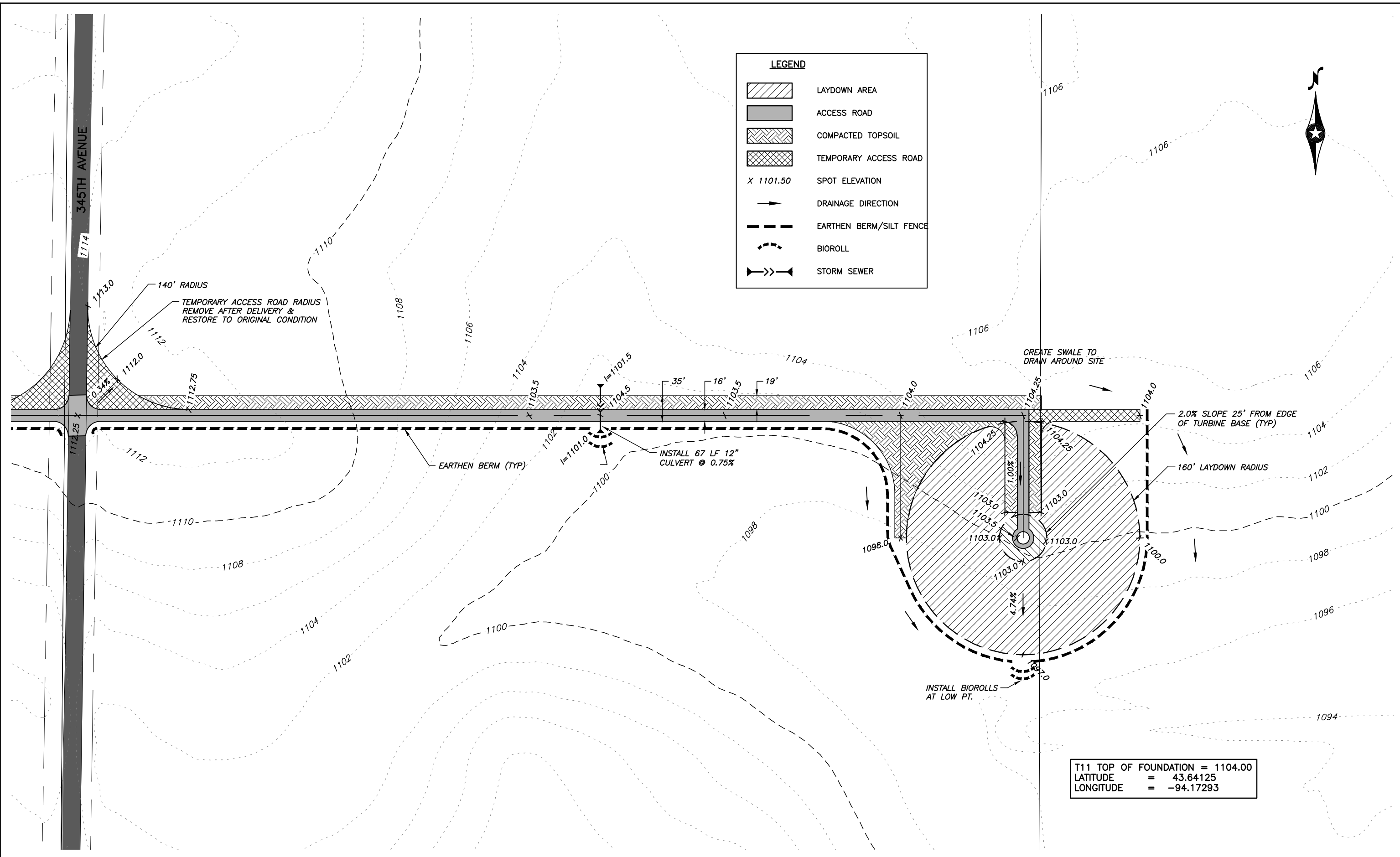
DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T10 TURBINE - SECTION 15

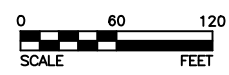
SHEET 30 OF 40



LEGEND

	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER

T11 TOP OF FOUNDATION = 1104.00
 LATITUDE = 43.64125
 LONGITUDE = -94.17293



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED JWC
 DRAWN KGA
 CHECKED KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA









REV.	BY	DATE

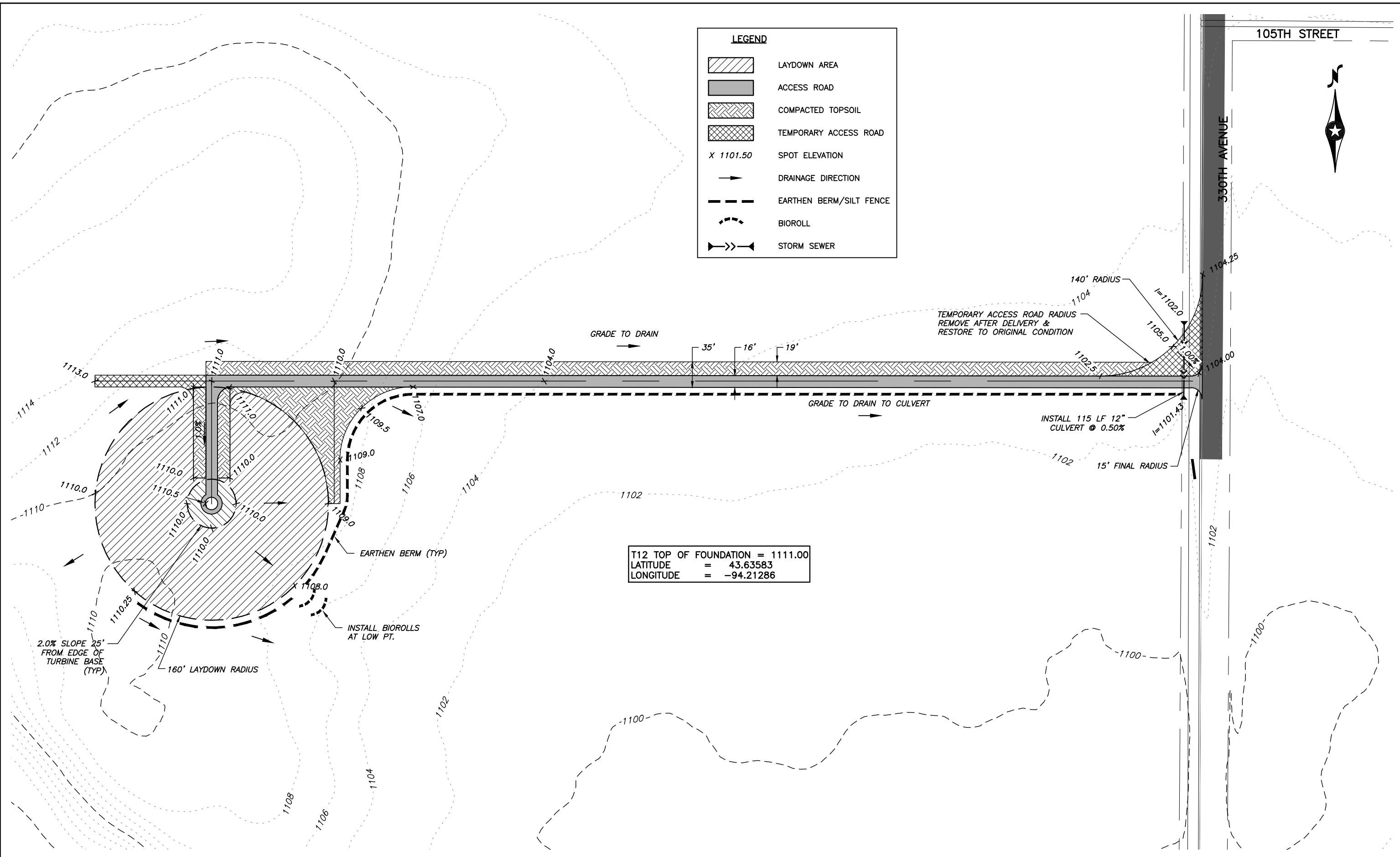
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T11 TURBINE - SECTION 15

SHEET 31 OF 40

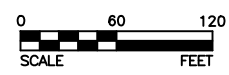


LEGEND

-  LAYDOWN AREA
-  ACCESS ROAD
-  COMPACTED TOPSOIL
-  TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
-  DRAINAGE DIRECTION
-  EARTHEN BERM/SILT FENCE
-  BIOROLL
-  STORM SEWER



T12 TOP OF FOUNDATION = 1111.00
 LATITUDE = 43.63583
 LONGITUDE = -94.21286



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
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 LIC. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors





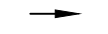


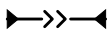
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

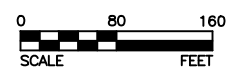
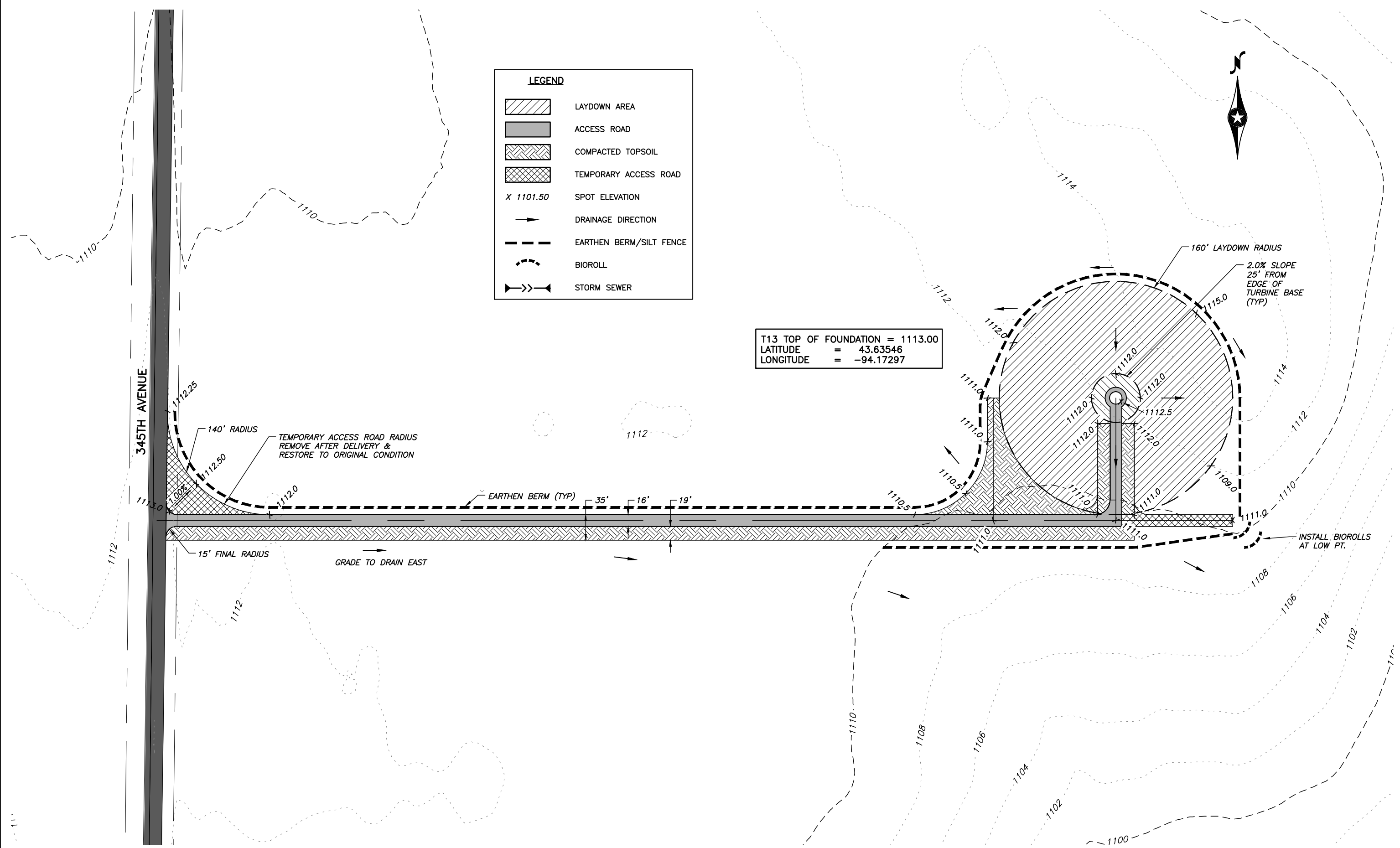
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN

SITE PLAN - T12 TURBINE - SECTION 17

LEGEND

	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER

T13 TOP OF FOUNDATION = 1113.00
 LATITUDE = 43.63546
 LONGITUDE = -94.17297



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

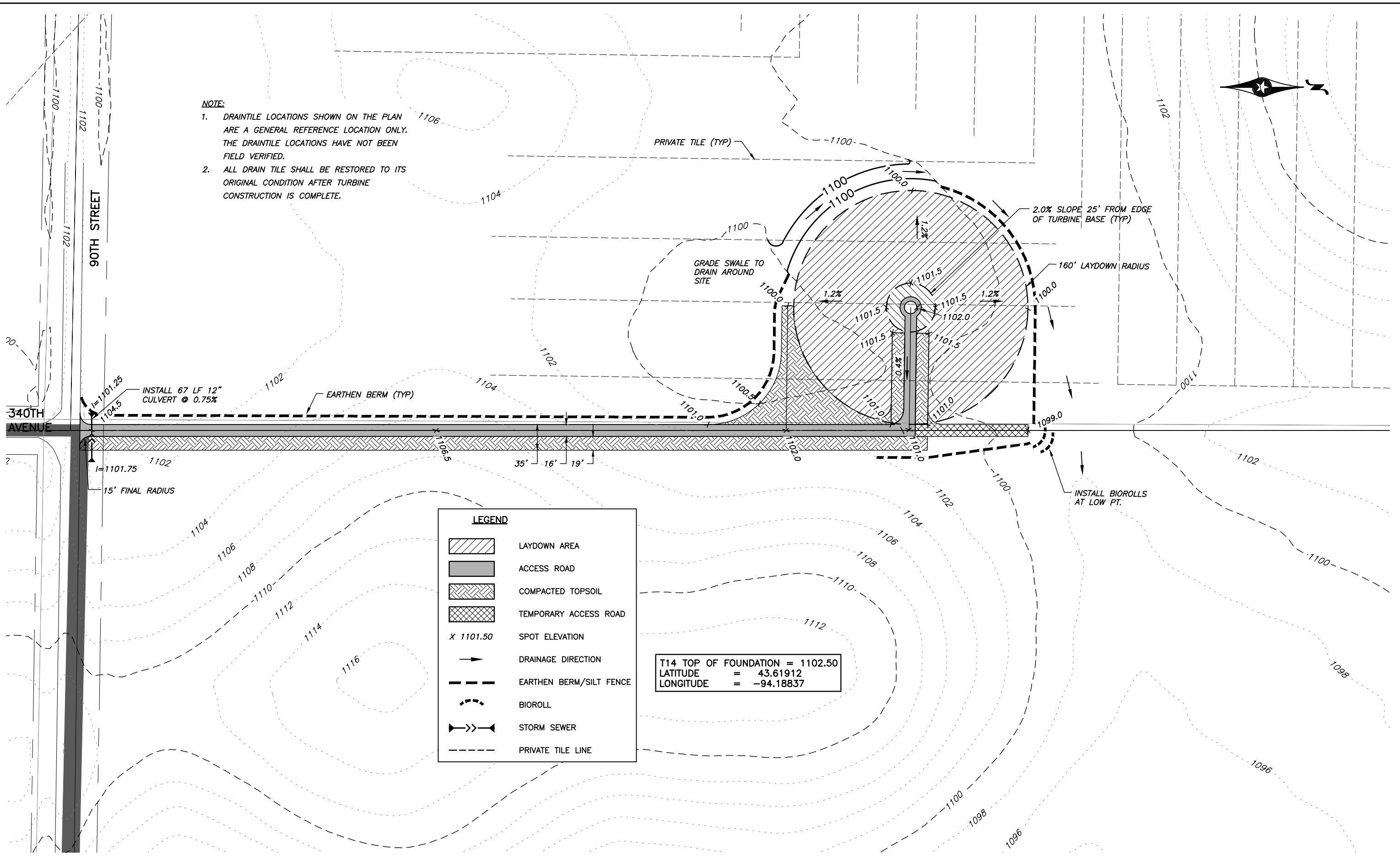
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T13 TURBINE - SECTION 15

SHEET 33 OF 40

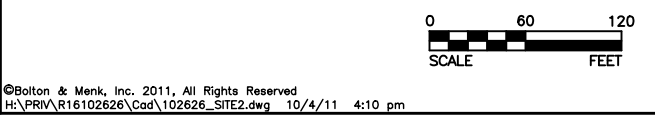
- NOTE:**
1. DRAINTILE LOCATIONS SHOWN ON THE PLAN ARE A GENERAL REFERENCE LOCATION ONLY. THE DRAINTILE LOCATIONS HAVE NOT BEEN FIELD VERIFIED.
 2. ALL DRAIN TILE SHALL BE RESTORED TO ITS ORIGINAL CONDITION AFTER TURBINE CONSTRUCTION IS COMPLETE.



LEGEND

- LAYDOWN AREA
- ACCESS ROAD
- COMPACTED TOPSOIL
- TEMPORARY ACCESS ROAD
- X 1101.50 SPOT ELEVATION
- DRAINAGE DIRECTION
- EARTHEN BERM/SILT FENCE
- BIOROLL
- STORM SEWER
- PRIVATE TILE LINE

T14 TOP OF FOUNDATION = 1102.50
 LATITUDE = 43.61912
 LONGITUDE = -94.18837



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
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 LIC. NO. 21814 DATE 10/04/2011

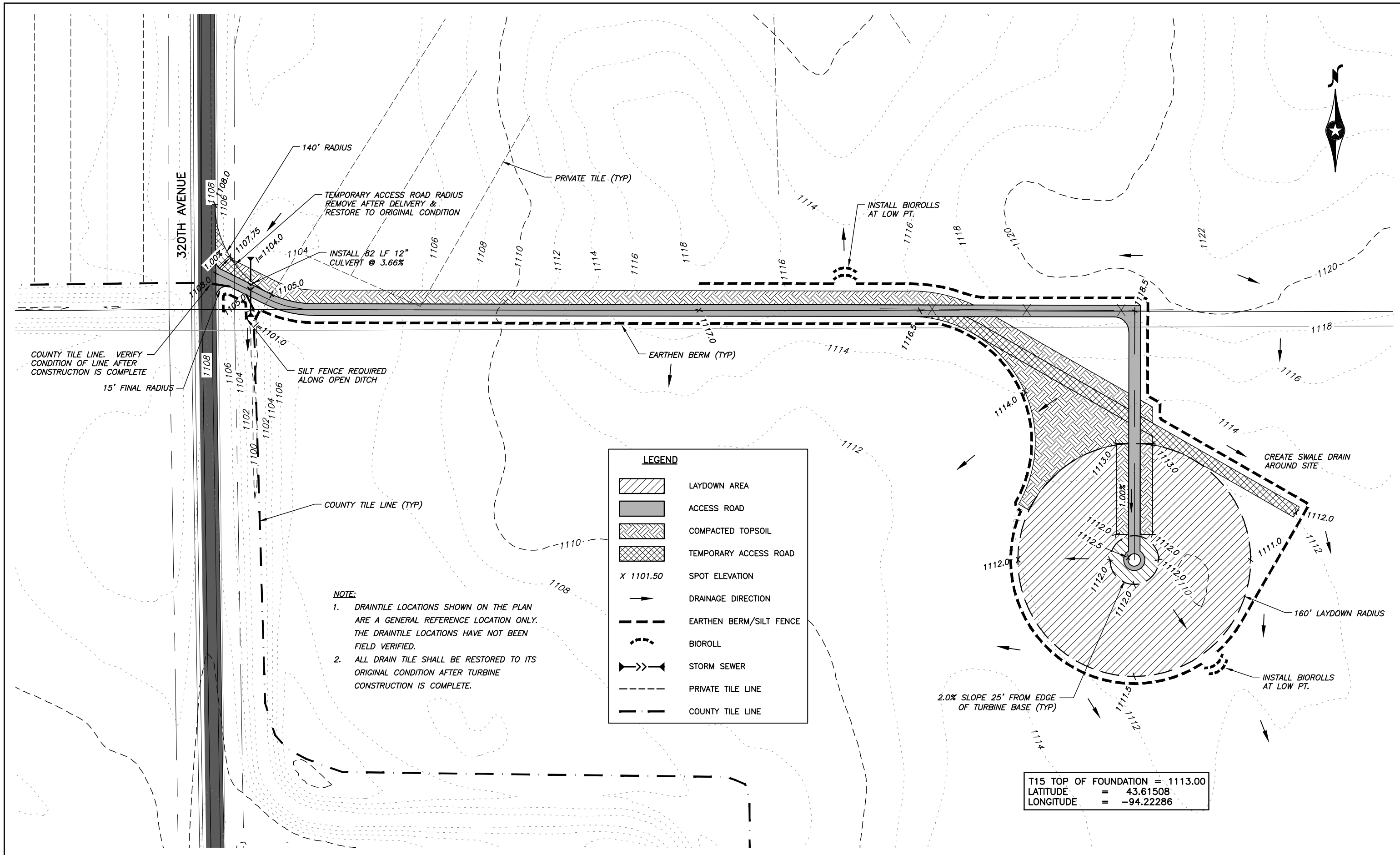
DESIGNED JWC
 DRAWN KGA
 CHECKED KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T14 TURBINE - SECTION 21

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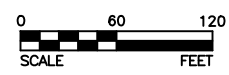
LEGEND

	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER
	PRIVATE TILE LINE
	COUNTY TILE LINE

NOTE:

1. DRAINTILE LOCATIONS SHOWN ON THE PLAN ARE A GENERAL REFERENCE LOCATION ONLY. THE DRAINTILE LOCATIONS HAVE NOT BEEN FIELD VERIFIED.
2. ALL DRAIN TILE SHALL BE RESTORED TO ITS ORIGINAL CONDITION AFTER TURBINE CONSTRUCTION IS COMPLETE.

T15 TOP OF FOUNDATION = 1113.00
 LATITUDE = 43.61508
 LONGITUDE = -94.22286



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors

MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN

SITE PLAN - T15 TURBINE - SECTION 29

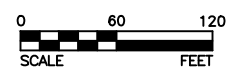
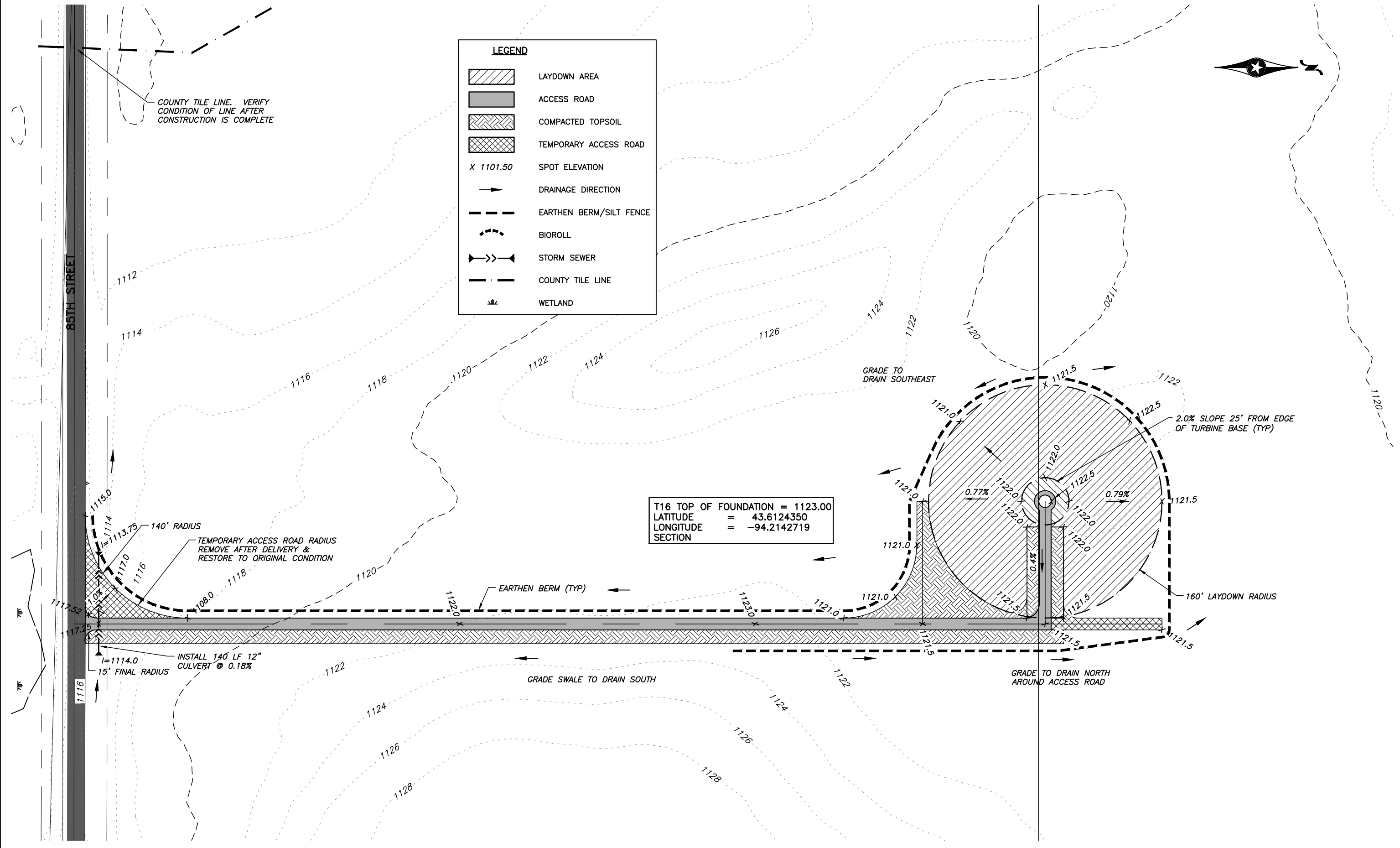


LEGEND

	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER
	COUNTY TILE LINE
	WETLAND

COUNTY TILE LINE. VERIFY CONDITION OF LINE AFTER CONSTRUCTION IS COMPLETE

T16 TOP OF FOUNDATION = 1123.00
 LATITUDE = 43.6124350
 LONGITUDE = -94.2142719
 SECTION



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED: JWC
 DRAWN: KGA
 CHECKED: KFB

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

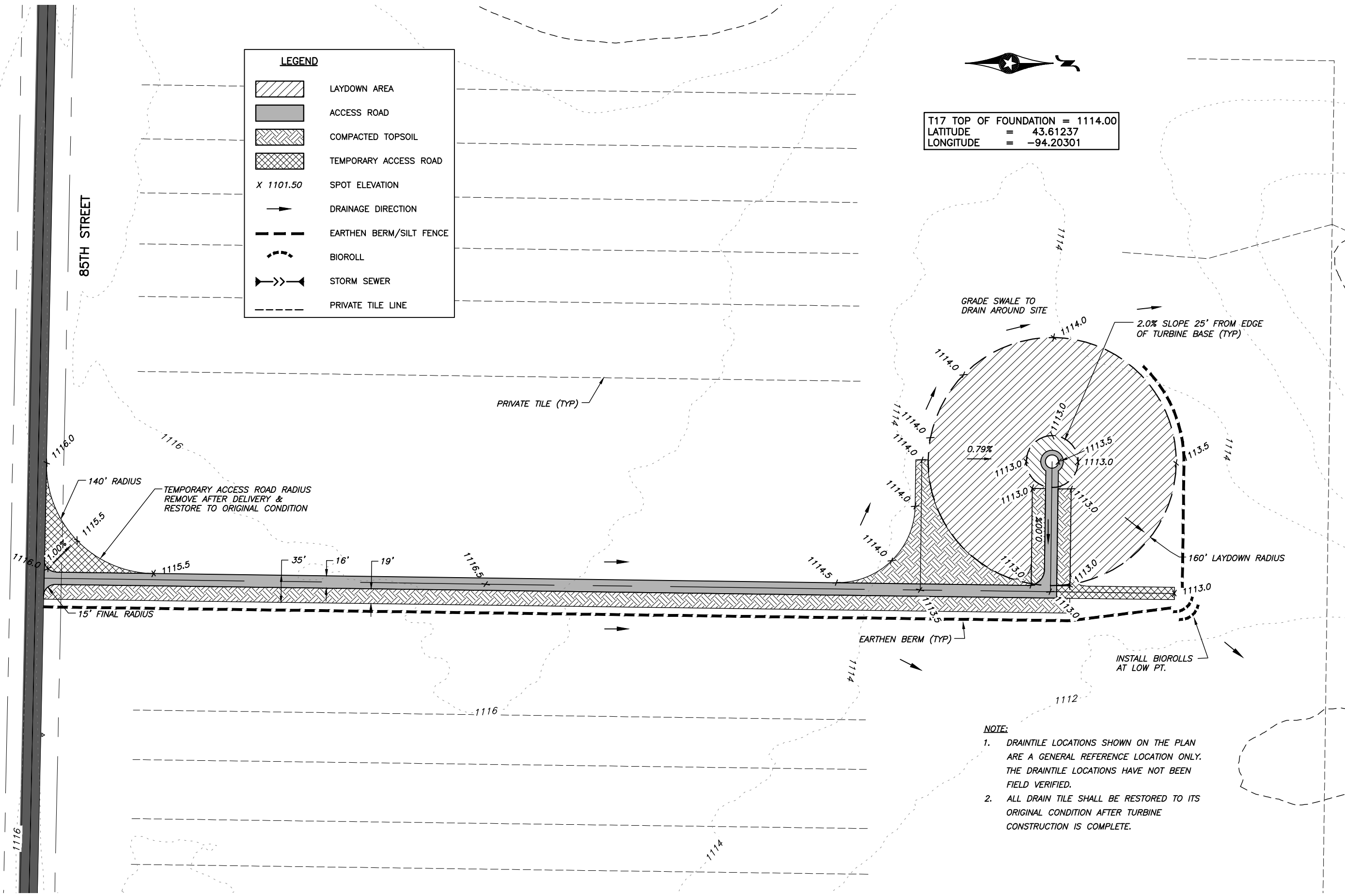
EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T16 TURBINE - SECTION 29

SHEET 36 OF 40

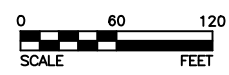
LEGEND

	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER
	PRIVATE TILE LINE

T17 TOP OF FOUNDATION = 1114.00
 LATITUDE = 43.61237
 LONGITUDE = -94.20301



- NOTE:**
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 - ALL DRAIN TILE SHALL BE RESTORED TO ITS ORIGINAL CONDITION AFTER TURBINE CONSTRUCTION IS COMPLETE.



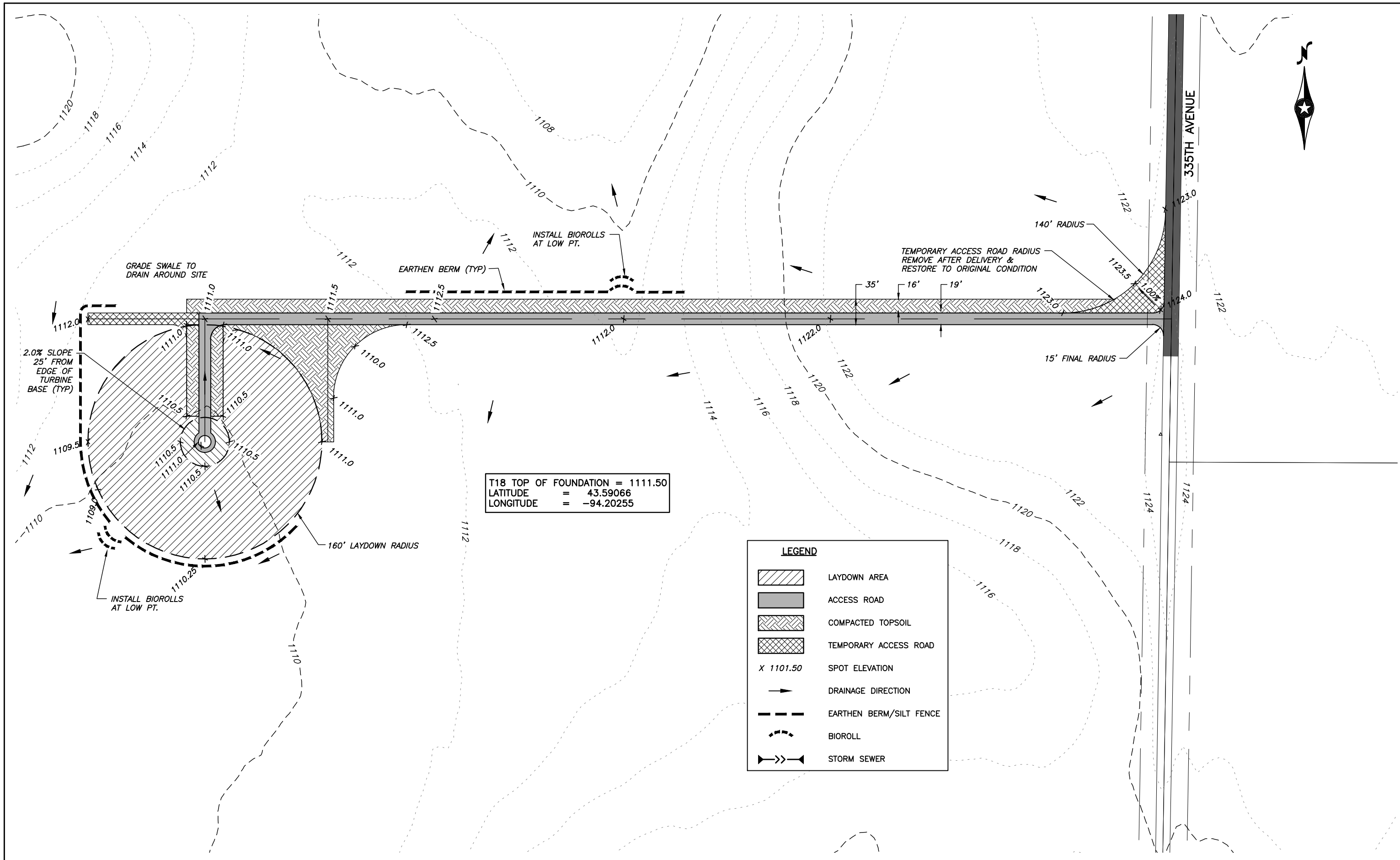
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
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 LIC. NO. 21814 DATE 10/04/2011

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

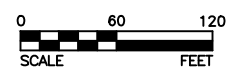
REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T17 TURBINE - SECTION 28



T18 TOP OF FOUNDATION = 1111.50
 LATITUDE = 43.59066
 LONGITUDE = -94.20255

LEGEND	
	LAYDOWN AREA
	ACCESS ROAD
	COMPACTED TOPSOIL
	TEMPORARY ACCESS ROAD
X 1101.50	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER







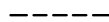

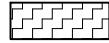


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 KEVIN F. BITTNER
 LIC. NO. 21814 DATE 10/04/2011

DESIGNED JWC
 DRAWN KGA
 CHECKED KFB
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

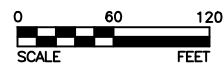
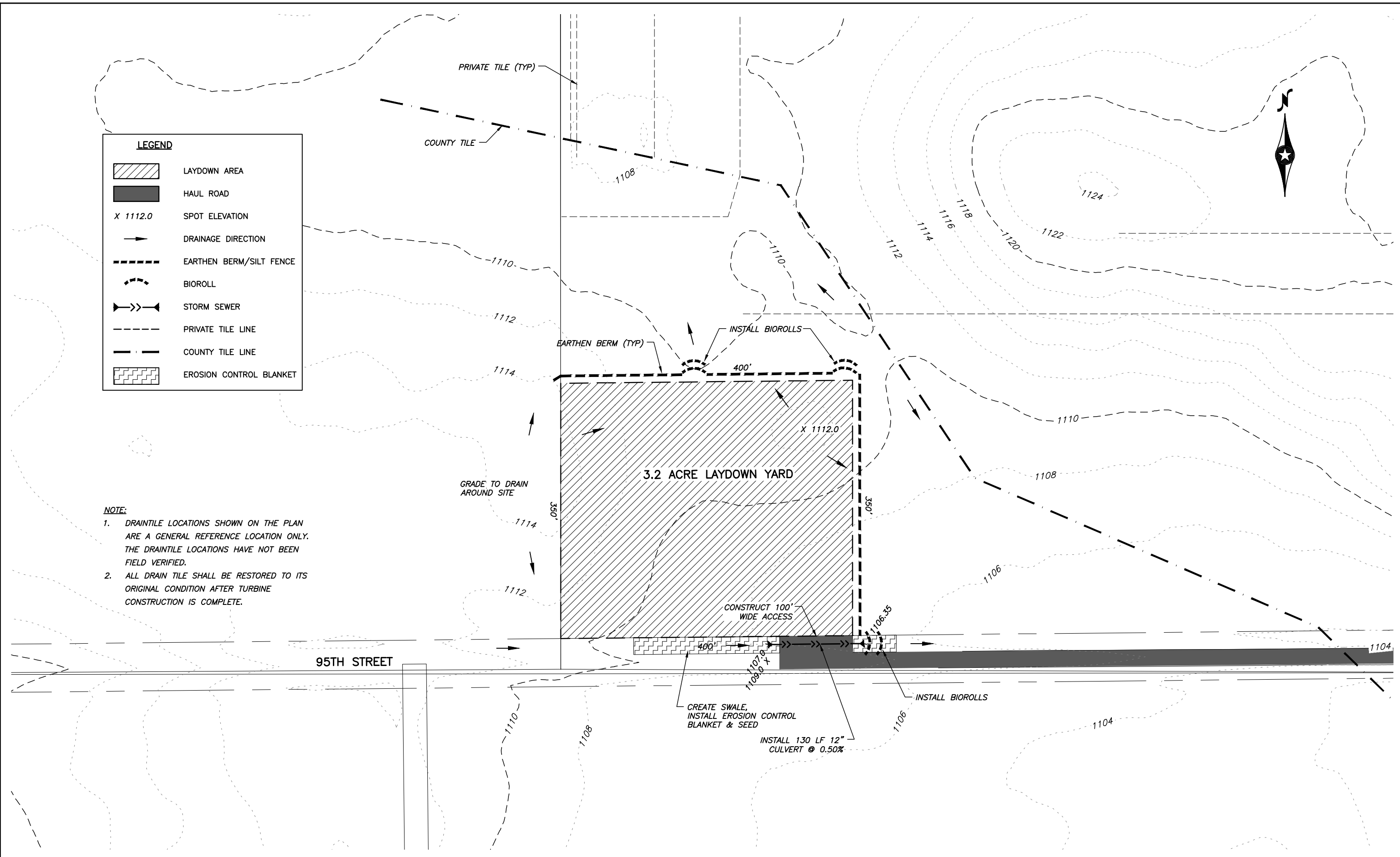
REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
 BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
 SITE PLAN - T18 TURBINE - SECTION 33

LEGEND	
	LAYDOWN AREA
	HAUL ROAD
X 1112.0	SPOT ELEVATION
	DRAINAGE DIRECTION
	EARTHEN BERM/SILT FENCE
	BIOROLL
	STORM SEWER
	PRIVATE TILE LINE
	COUNTY TILE LINE
	EROSION CONTROL BLANKET

NOTE:

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2. ALL DRAIN TILE SHALL BE RESTORED TO ITS ORIGINAL CONDITION AFTER TURBINE CONSTRUCTION IS COMPLETE.



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Kevin F. Bittner
KEVIN F. BITTNER
LIC. NO. 21814 DATE 10/04/2011

DESIGNED
JWC
DRAWN
KGA
CHECKED
KFB

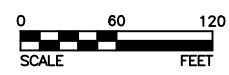
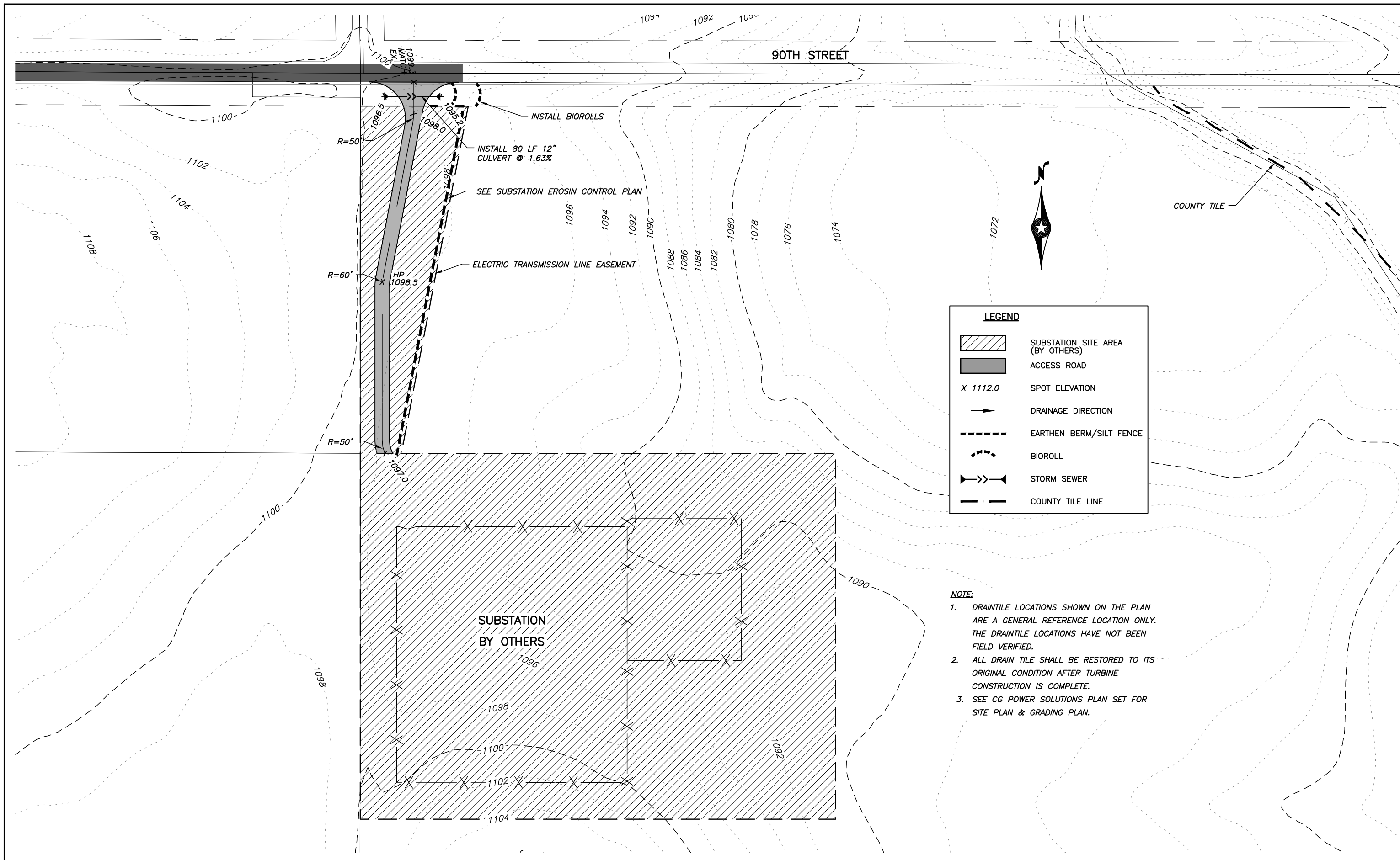


BOLTON & MENK, INC.
Consulting Engineers & Surveyors
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
SITE PLAN - LAYDOWN YARD - SECTION 19

SHEET
39
OF
40



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kevin F. Bittner
KEVIN F. BITTNER
LIC. NO. 21814 DATE 10/04/2011

DESIGNED JWC
DRAWN KGA
CHECKED KFB

BOLTON & MENK, INC.
Consulting Engineers & Surveyors
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN BURNSVILLE, MN
CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BRAINERD, MN AMES, IA

REV.	BY	DATE

EXERGY DEVELOPEMENT GROUP, LLC
BIG BLUE WIND FARM- FAIRBAULT COUNTY, MN
SITE PLAN - SUBSTATION - SECTION 26

SHEET 40 OF 40