

LEGEND:

- PRIMARY TURBINE LOCATION
- PRIMARY TURBINE NUMBER
- ACCESS ROAD
- ALTERNATE ACCESS ROAD
- CRANE PATH
- ALTERNATE CRANE PATH
- TEMPORARY GRAVEL AREA
- GATE
- FENCE
- UNDERGROUND COLLECTION SYSTEM
- UNDERGROUND COLLECTION SYSTEM
- TRANSMISSION LINE
- DISTURBANCE LIMITS
- SILT FENCE
- CULVERT
- EXISTING CULVERT
- EXISTING FENCE
- EXISTING TELEPHONE LINE
- EXISTING OVERHEAD POWER
- EXISTING WATER LINE
- EXISTING GAS PIPELINE
- EXISTING FIBER OPTIC LINE
- EXISTING EASEMENT
- EXISTING RIGHT OF WAY
- EXISTING GRAVEL EDGE
- EXISTING BITUMINOUS EDGE
- EXISTING VEGETATION
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING DELINEATED DITCH LINES
- DELINEATED WETLAND
- NW WETLAND
- OUTSIDE PROJECT BOUNDARY
- EXISTING DRAIN TILE
- EXISTING MICROWAVE BEAM PATH

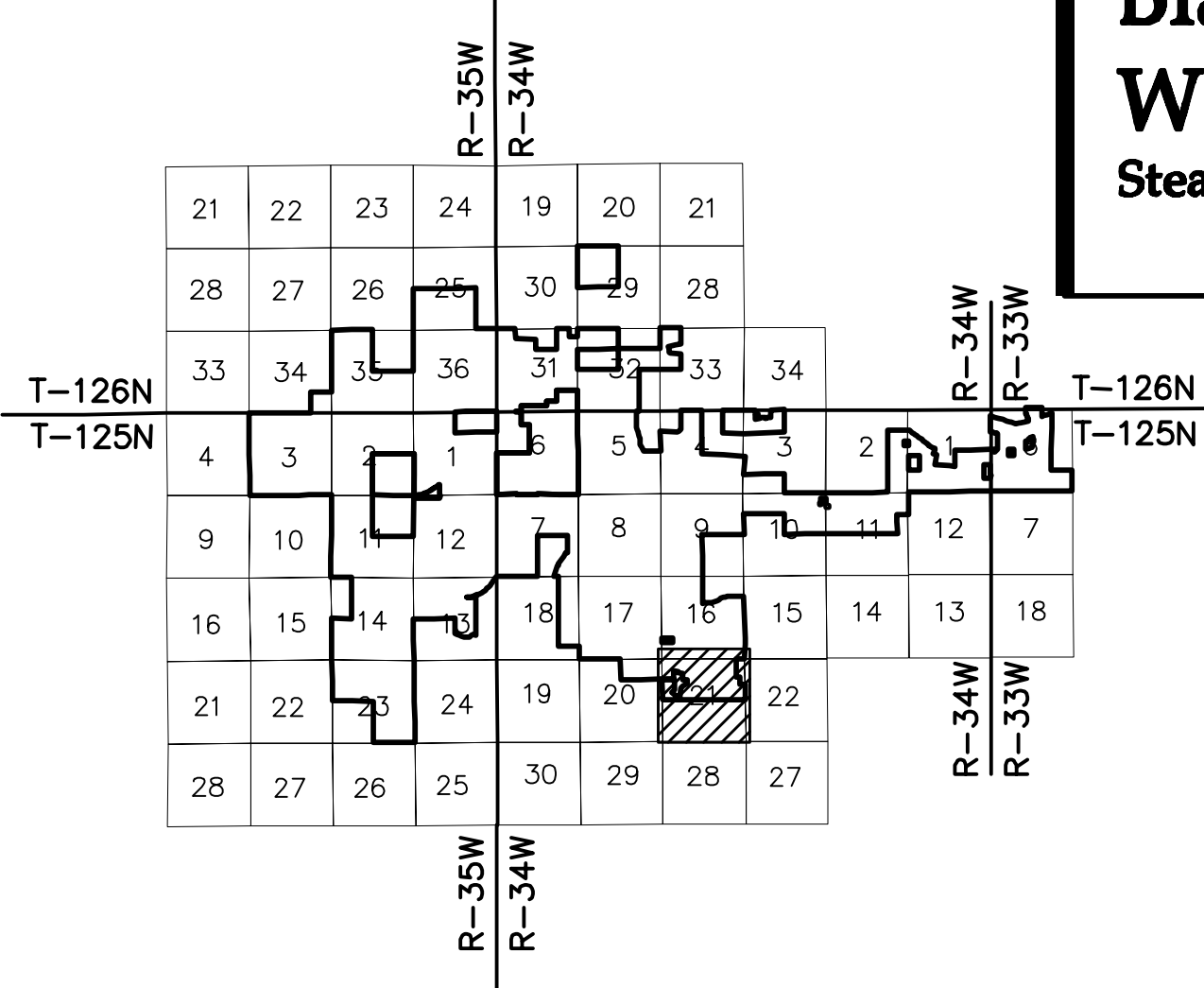
- NO CHANGE FROM THE PREVIOUSLY APPROVED PLANS (REV G PLAN SET FROM 11/13/14)
- ADDED TO THE PREVIOUSLY APPROVED PLANS
- REMOVED FROM THE PREVIOUSLY APPROVED PLANS

\* ANTICIPATED DRAINAGE CROSSINGS ARE SHOWN ON THE PLANS BASED LARGELY ON OBSERVATION OF DRAINAGE CHANNELS/DRAINAGE EROSION FROM THE AERIAL IMAGERY, SUPPLEMENTED BY GIS STREAM LINEWORK AND EXISTING CONTOUR DATA AVAILABLE. ADDITIONAL CROSSINGS (LOW WATER CROSSINGS/CULVERTS) MAY NEED TO BE INSTALLED IN AREAS WHERE CONCENTRATED FLOW IS EXPECTED DUE TO CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL USE DISCRETION IF A LOW WATER CROSSING OR CULVERT (REFER TO DETAILS ON SHEET 7) IS NEEDED BASED ON THE TOPOGRAPHY OF THE DRAINAGE CROSSING. IF CONTRACTOR DETERMINES THAT ADDITIONAL CULVERTS ARE NEEDED, THE ENGINEER SHALL BE NOTIFIED AND WILL PROVIDE A DESIGN CONSISTENT WITH THE REST OF THE PROJECT. THE SAUK RIVER WATERSHED DISTRICT SHALL BE NOTIFIED.

\*\* UTILITY CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ENCROACHMENT AGREEMENT OR REQUIREMENTS OF THE UTILITY OWNER.

\*\*\* UNDERGROUND COLLECTION LINES ARE SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL CONSULTANT PLANS FOR CONSTRUCTION DETAILS, INCLUDING BORING LOCATIONS.

THE SECTION OF LAND SHOWN ON THIS PLAN SHEET IS PART OF THE GETTY WIND COMPANY LLC SITE PLAN PERMIT AREA.



Black Oak/Getty  
Wind Farm  
Stearns County, Minnesota

Civil Plan - T125-R34-S21

ISSUED FOR PERMITTING

Turbine Array:

BOGY\_20140718\_01.dwg

Date: 1/18/16

Sheet: 32 OF 43

Westwood Professional Services, Inc.  
7699 Anagram Drive  
Eden Prairie, MN 55344  
PHONE 952-937-5150  
FAX 952-937-5822  
TOLL FREE 1-888-937-5150  
www.westwoodps.com

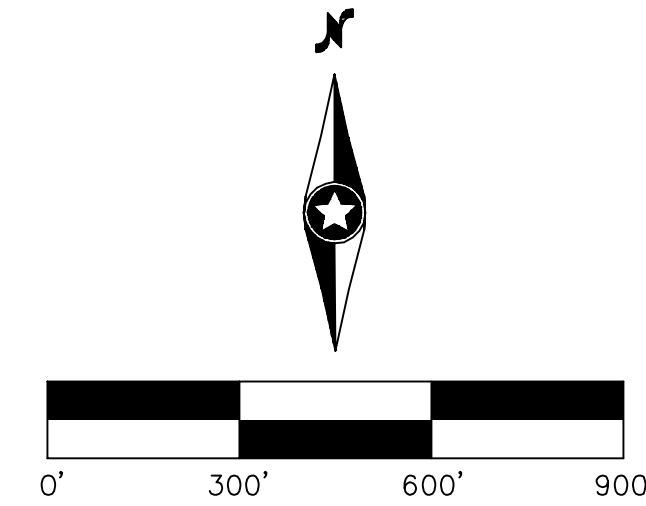
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.  
Robert Stanley Copouls  
Date: 1/18/16 License No. 47876

Designed: KLM  
Checked: RSC  
Drawn: JFH  
Record Drawing by/date:

Revisions	DATE	DESCRIPTION
A	5/30/14	30% CIVIL CONSTRUCTION PLAN
B	8/15/14	60% CIVIL CONSTRUCTION PLAN
C	8/26/14	ISSUED FOR PERMITTING
D	9/08/14	ISSUED FOR PERMITTING
E	9/24/14	ISSUED FOR PERMITTING
F	10/22/14	ISSUED FOR PERMITTING
G	11/13/14	ISSUED FOR PERMITTING
H	6/11/15	ISSUED FOR PERMITTING
I	7/10/15	ISSUED FOR BID
J	8/07/15	ISSUED FOR PERMITTING
K	1/18/16	ISSUED FOR PERMITTING

Prepared for:

Black Oak  
Getty Wind  
488 8th Avenue, HQ11,  
San Diego, CA 92101





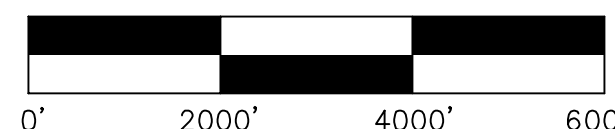
Robert Stanley Copouls  
Date: 1/18/16 License No. 47876

Checked: RSC

Record Drawing by/date: \_\_\_\_\_

Prepared for:

488 8th Avenue, HQ11  
San Diego, CA 92101



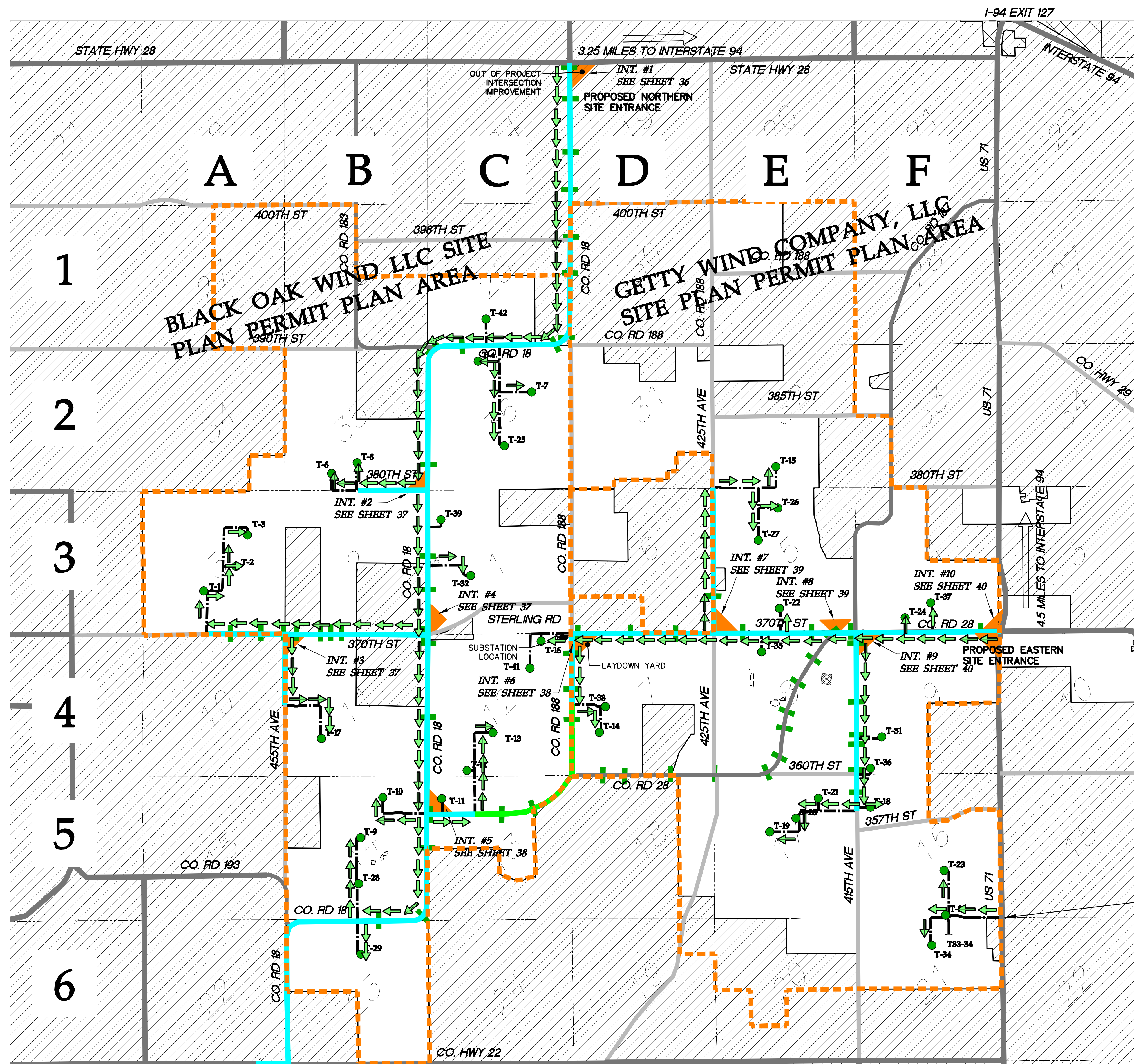
## Delivery Flow Plan

**Turbine Array:**  
BOGY 39xV110-80mHH 20140718 r1

Date: **1/18/16**

Sheet: **33** OF **43**

20111239-01DFP01.dwg



● PRIMARY TURBINE LOCATION  
T-XX PRIMARY TURBINE NUMBER

 OUTSIDE OF PROJECT BOUNDARY

6 DENOTES SECTION NUMBER

DELIVERY ROAD

DELIVERY ROAD EMPTIES ONLY  
PROPOSED ACCESS ROAD

----- ALTERNATE ACCESS ROAD

EXISTING BITUMINOUS/CHIP  
EXISTING GRAVEL ROAD

SECTION LINE

POTENTIAL INTERSECTION IMPROVEMENT

EXISTING CULVERT

← DELIVERY INGRESS

 DELIVERY EGRESS ONLY

PROJECT AREA BOUNDARY

ASSUMPTIONS:

- NO ONSITE BATCH PLANT
- EASTERN PART OF SITE WILL BE DELIVERED FROM US HIGHWAY 71
- WESTERN PART OF SITE WILL BE DELIVERED FROM WESTBOUND S.H. 28.
- CONCRETE DELIVERIES WILL FOLLOW FLOW PLAN FOR ALL OTHER TYPES OF DELIVERIES
- CRANE ASSEMBLY ASSUMED ON EAST SIDE OF SITE
- CRANE BREAKDOWN ASSUMED ON NORTH SIDE OF SITE
- RT CRANE USE OF PUBLIC ROADS WILL BE LIMITED TO 4 PASSES PER ROAD
- EMPTY TRUCK COUNTS ARE INCLUDED FOR CO RD 28-C & CO RD 188-4 BASED ON ALL DELIVERY TRUCKS FROM CO RD 28-C, CO RD 188-4 & 370TH ST-D POTENTIALLY USING THESE ROADS TO EXIT THE SITE TO THE NORTH. ALL OTHER ROADS ARE ASSUMED TO HAVE DOMINATE LOADING FROM DELIVERY TRAFFIC SO EMPTY LOAD ANALYSIS WAS NOT COMPLETED
- REFER TO TRUCK COUNT SPREADSHEETS FOR ADDITIONAL ASSUMPTIONS
- SEGMENT 370TH ST-D2 IS INCLUDED ON THE SPREADSHEET TO ADD AN ADDITIONAL FACILITY. TRUCK TRAFFIC FOR 370TH ST-D IS BASED ON THE CUMULATIVE LOADING BETWEEN D1 & D2 AND IS CALCULATED IN THE D1 FIELD



I hereby certify that this plan 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.

Robert Stanley Copouls  
Date: 1/18/16 License No. 47876

Designed: KLM  
Checked: RSC  
Drawn: JFH

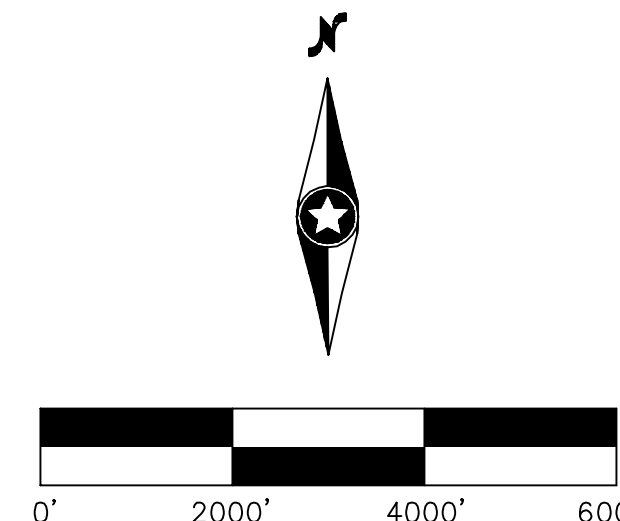
Record Drawing by/date:

Revisions	DATE	DESCRIPTION
A	5/30/14	30% CIVIL CONSTRUCTION PLAN
B	8/15/14	60% CIVIL CONSTRUCTION PLAN
C	8/26/14	ISSUED FOR PERMITTING
D	9/08/14	ISSUED FOR PERMITTING
E	9/24/14	ISSUED FOR PERMITTING
F	10/22/14	ISSUED FOR PERMITTING
G	11/13/14	ISSUED FOR PERMITTING
H	6/11/15	ISSUED FOR PERMITTING
I	7/10/15	ISSUED FOR BID
J	8/07/15	ISSUED FOR PERMITTING
K	1/18/16	ISSUED FOR PERMITTING

Prepared for:



488 8th Avenue, HQ11,  
San Diego, CA 92101



## Black Oak/Getty Wind Farm

Stearns County, Minnesota

### Public Road Improvements

### ISSUED FOR PERMITTING

Turbine Array:  
BOGY\_39xV10-90mHH\_20140718\_r1  
Date: 1/18/16  
Sheet: 34 OF 43

### LEGEND:

- PRIMARY TURBINE LOCATION
- T-XX PRIMARY TURBINE NUMBER
- ▨ OUTSIDE OF PROJECT BOUNDARY
- 16 DENOTES SECTION NUMBER
- PROJECT AREA BOUNDARY
- COUNTY/TWP ROAD UTILIZED FOR PROJECT
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- EXISTING BITUMINOUS/CHIP SEAL ROAD
- EXISTING GRAVEL ROAD
- SECTION LINE
- TOWNSHIP BOUNDARY
- █ EXISTING DRAINAGE STRUCTURE

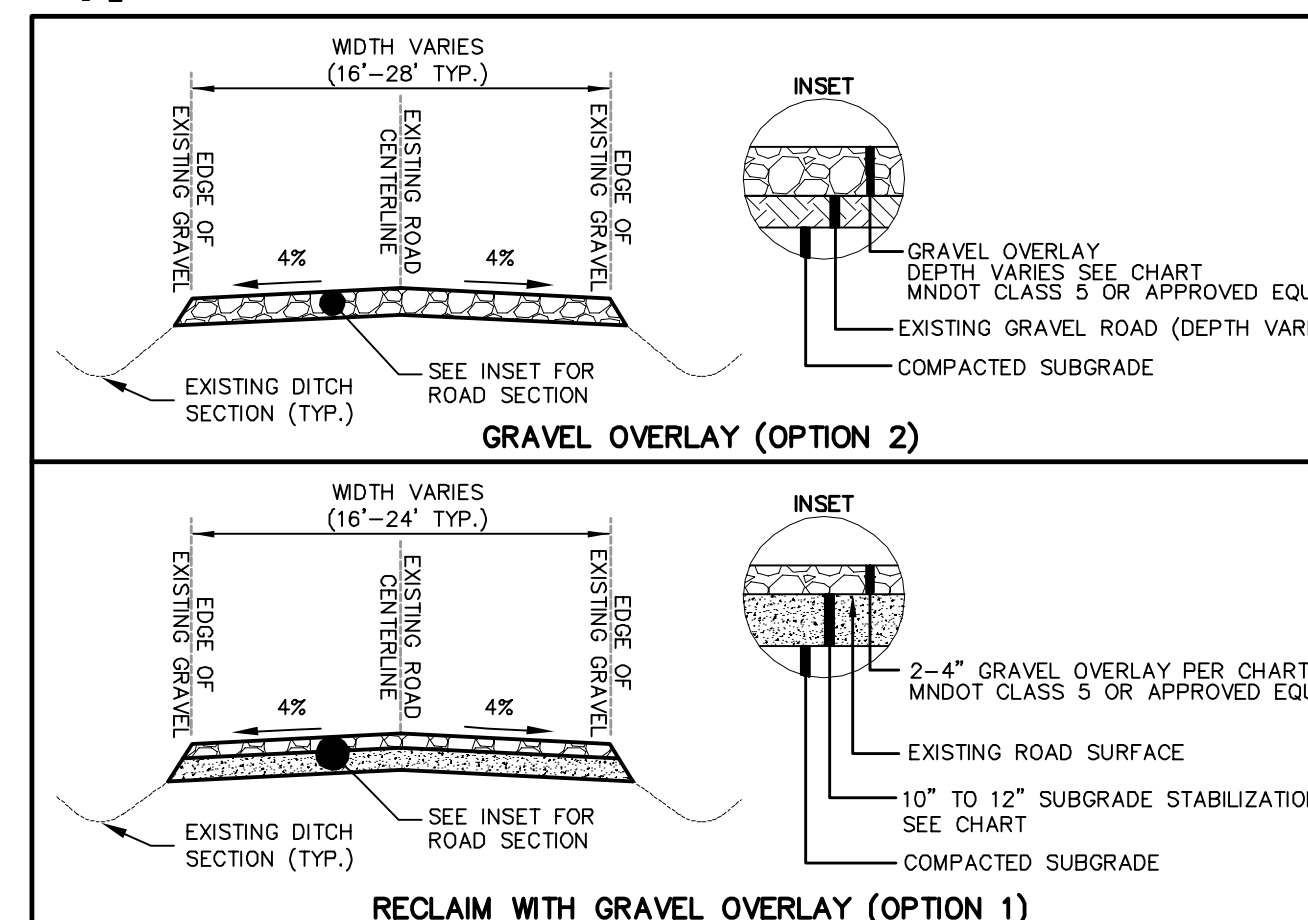
### Road Upgrades:

ROAD	ROAD AUTHORITY	SEGMENT		LENGTH	WIDTH	HAUL ESALs	OPTION 1			NOTES
		FROM	TO				RECLAIM	OVERLAY	GRAVEL	
CO RD 18	STEARNS COUNTY	T-29 ACCESS ROAD	STATE HWY 28	38,900 LF	24'	1,587 to 12,687	-	-	-	SEE NOTE 7
CO RD 28	STEARNS COUNTY	CO RD 18	CO RD 188	5,920 LF	24'	3,379	-	-	-	SEE NOTE 7
CO RD 28	STEARNS COUNTY	US HWY 71	370TH ST	6,050 LF	24'	11,145	-	-	-	SEE NOTE 7
CO RD 188	STEARNS COUNTY	CO RD 28	370TH ST	5,280 LF	28'	4,436	-	-	4"	
370TH ST	RAYMOND TWP	T-1 ACCESS ROAD	455TH AVE	2,820 LF	20'	2,000	10"	2"	6"	
370TH ST	RAYMOND TWP	455TH AVE	CO RD 18	5,280 LF	20'	1,948	10"	2"	6"	
370TH ST	GETTY TWP	CO RD 188	425TH AVE	5,280 LF	20'	3,326	-	-	3"	
370TH ST	GETTY TWP	425TH AVE	415TH AVE	5,280 LF	20'	1,976	12"	2"	7"	
380TH ST	ASHLEY & RAYMOND	CO RD 18	T-8 ACCESS ROAD	2,560 LF	20'	-	12"	4"	-	SAME UPGRADE AS ACCESS ROAD
415TH AVE	GETTY TWP	CO RD 28	360TH ST	5,280 LF	18'	7,319	12"	4"	-	
415TH AVE	GETTY TWP	360TH ST	T-19 ACCESS ROAD	1,370 LF	18'	3,076	12"	3"	8"	
425TH AVE	GETTY TWP	370TH ST	T-15 ACCESS ROAD	5,280 LF	18'	1,831	10"	2"	6"	
455TH AVE	RAYMOND TWP	370TH ST	T-17 ACCESS ROAD	2,660 LF	20'	828	-	-	3"	

### NOTES:

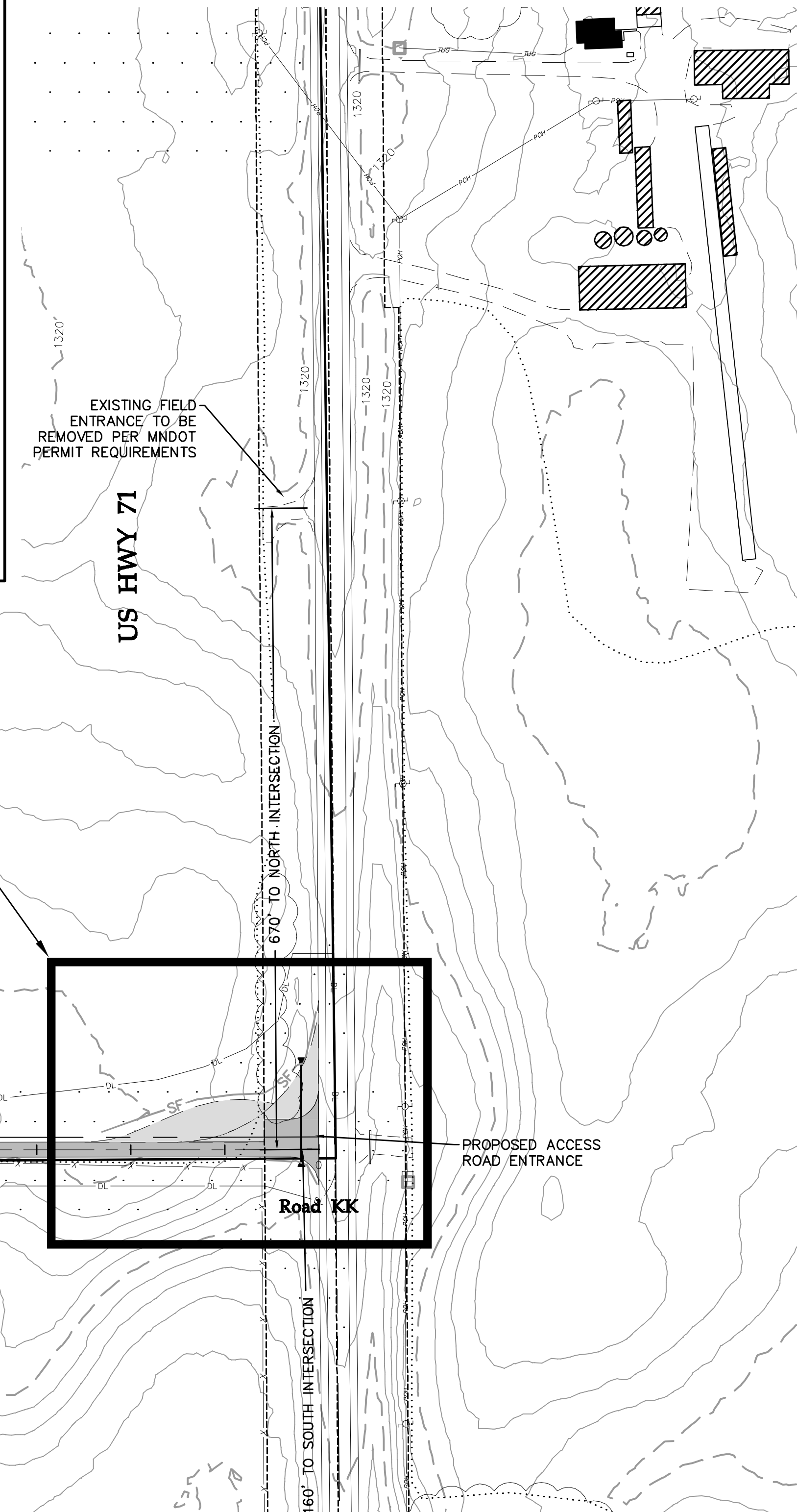
- THE RECOMMENDATIONS PROVIDED ARE INTENDED TO PROVIDE SAFE DRIVING CONDITIONS THROUGHOUT THE DURATION OF CONSTRUCTION, MEET TURBINE DELIVERY REQUIREMENTS, AND PROVIDE A ROAD AT THE END OF CONSTRUCTION THAT MEETS OR EXCEEDS THE PRE-CONSTRUCTION CONDITION.
- END PUBLIC ROAD IMPROVEMENTS AT HALF SECTION LINE THAT MEET ACCESS ROAD SPECIFICATION, CONTINUE WITH PRIVATE ROAD IMPROVEMENTS.
- REFER TO REPORT BY AMERICAN ENGINEERING TESTING FOR INFORMATION ON EXISTING ROAD EVALUATION RECOMMENDATIONS. CHANGING THE DIRECTION AND EXTENT OF DELIVERIES MAY AFFECT ROAD IMPROVEMENT RECOMMENDATIONS.
- EXISTING DRAINAGE STRUCTURES SHALL BE MONITORED BY THE GENERAL CONTRACTOR THROUGHOUT CONSTRUCTION. IT MAY BE NECESSARY TO REPLACE OR REPAIR DRAINAGE STRUCTURES IF DAMAGED BY PROJECT DELIVERIES. IF CULVERTS NEED TO BE REPAIRED OR REPLACED THEY SHALL BE DONE PER COUNTY/TOWNSHIP STANDARDS.
- ADDITIONAL GRAVEL OVERLAY FOR CEMENT STABILIZED ROADS (OPTION 2) MAY BE REQUIRED BY TOWNSHIP OR COUNTY AGREEMENTS. CONTRACTOR TO REVIEW FINAL AGREEMENTS PRIOR TO CONSTRUCTION.
- SPECIFICATION FOR GRAVEL ROAD UPGRADES SHALL FOLLOW PROJECT ROAD SPECIFICATION ON SHEET 4. RECLAIM OPTION SHALL INCLUDE ADDING CEMENT OR FLY ASH. CEMENT TESTING HAS BEEN COMPLETED AND IS INCLUDED ON THE SPECIFICATION PAGE. FLY ASH MAY BE A SUITABLE ALTERNATIVE AND CAN BE PROPOSED BY THE CONTRACTOR AS AN APPROVED EQUAL.
- UPGRADES ARE NOT ANTICIPATED TO BE NEEDED FOR CO RD 18 AND CO RD 28, HOWEVER IT MAY BE NECESSARY TO FIX OR MAINTAIN ISOLATED AREAS, SPECIFICALLY IN THE VICINITY OF INTERSECTIONS (BOTH PUBLIC TO PUBLIC ROAD AND PUBLIC TO PRIVATE ROADS) DUE TO TRUCK TURNING MOVEMENTS. CONTRACTOR SHALL KEEP THE ROADS IN A SAFE DRIVING CONDITION AT ALL TIMES.
- TRAFFIC CONTROL SHALL BE INSTALLED PER MNDOT AND/OR MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION BETWEEN ROAD IMPROVEMENTS AND EXISTING ROADS, AS WELL AS BETWEEN ROAD IMPROVEMENTS AND EXISTING DRIVEWAYS.
- ADDITIONAL ROAD IMPROVEMENTS BASED ON TURBINE SUPPLIER TRANSPORTATION SITE REVIEW MAY BE REQUIRED. THE INFORMATION WAS NOT AVAILABLE PRIOR TO PROVIDING CONSTRUCTION PLAN.
- DELIVERY ROUTE WAS ASSUMED BASED ON ENGINEER'S EXPERIENCE. ADDITIONAL INTERSECTION IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY AND/OR CHANGING THE DIRECTION OF INTERSECTION IMPROVEMENTS MAY BE REQUIRED BASED ON TURBINE SUPPLIER TRANSPORTATION PLAN.
- IT IS RECOMMENDED THAT GRAVEL ROAD UPGRADES ARE COMPLETED PRIOR TO HEAVY HAULING OCCURRING. MAINTENANCE WILL STILL BE REQUIRED THROUGHOUT CONSTRUCTION AND AFTER CONSTRUCTION.

### Typical Sections:

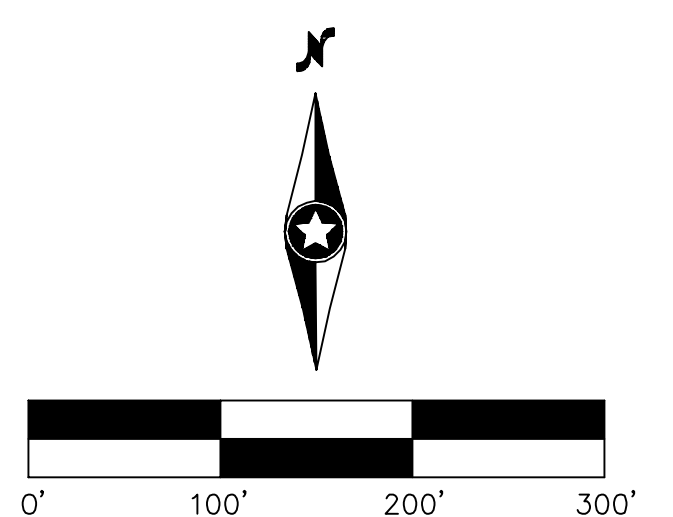


NOTE: 4% CROWN REQUIRED AT END OF PROJECT. THE CROWN MAY NEED TO BE REDUCED DURING TURBINE DELIVERIES TO A MAXIMUM OF 2% AND A MINIMUM OF 0.5%.





THE SECTION OF LAND SHOWN ON THIS  
PLAN SHEET IS PART OF THE GETTY WIND  
COMPANY LLC SITE PLAN PERMIT AREA.



## Sheet: 35 OF 43



I hereby certify that this plan 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.

Robert Stanley Copouls  
Date: 1/18/16 License No. 47876

Designed: KLM

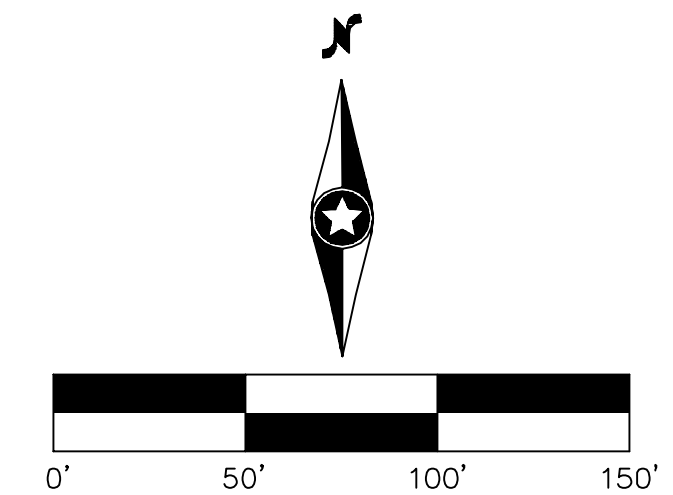
Checked: RSC

Drawn: JFH

Record Drawing by/date:

Revisions #	DATE	DESCRIPTION
A	5/30/14	30% CIVIL CONSTRUCTION PLAN
B	8/15/14	60% CIVIL CONSTRUCTION PLAN
C	8/26/14	ISSUED FOR PERMITTING
D	9/08/14	ISSUED FOR PERMITTING
E	9/24/14	ISSUED FOR PERMITTING
F	10/22/14	ISSUED FOR PERMITTING
G	11/13/14	ISSUED FOR PERMITTING
H	6/11/15	ISSUED FOR PERMITTING
I	7/10/15	ISSUED FOR BID
J	8/07/15	ISSUED FOR PERMITTING
K	1/18/16	ISSUED FOR PERMITTING

Prepared for:  
  
488 8th Avenue, HQ11,  
San Diego, CA 92101



## Black Oak/Getty Wind Farm

Stearns County, Minnesota

### Intersection Improvements 1 & 2

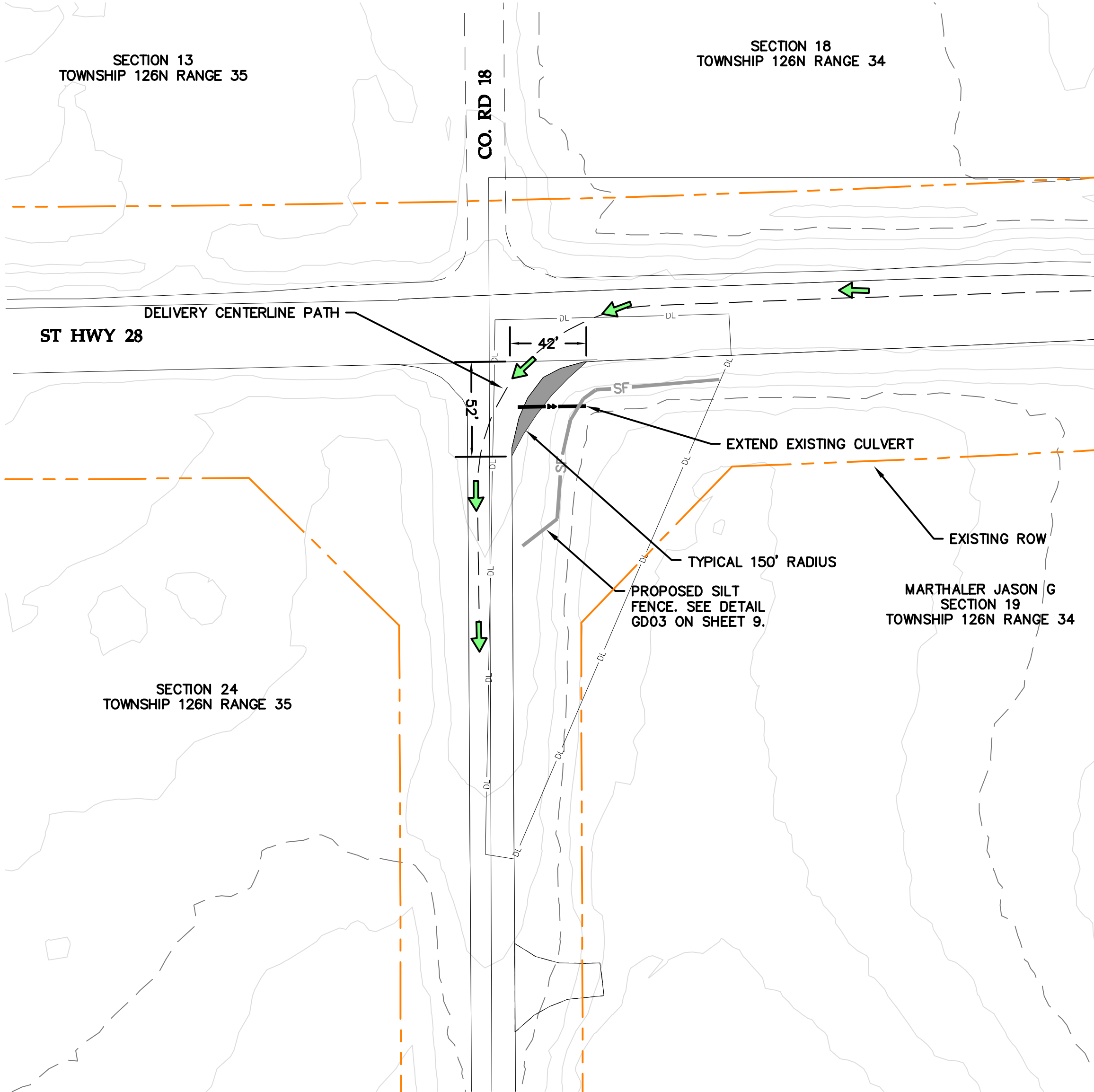
#### ISSUED FOR PERMITTING

Turbine Array:  
BOGY-39xV110-90mHH-20140718-#1

Date: 1/18/16

Sheet: 36 OF 43

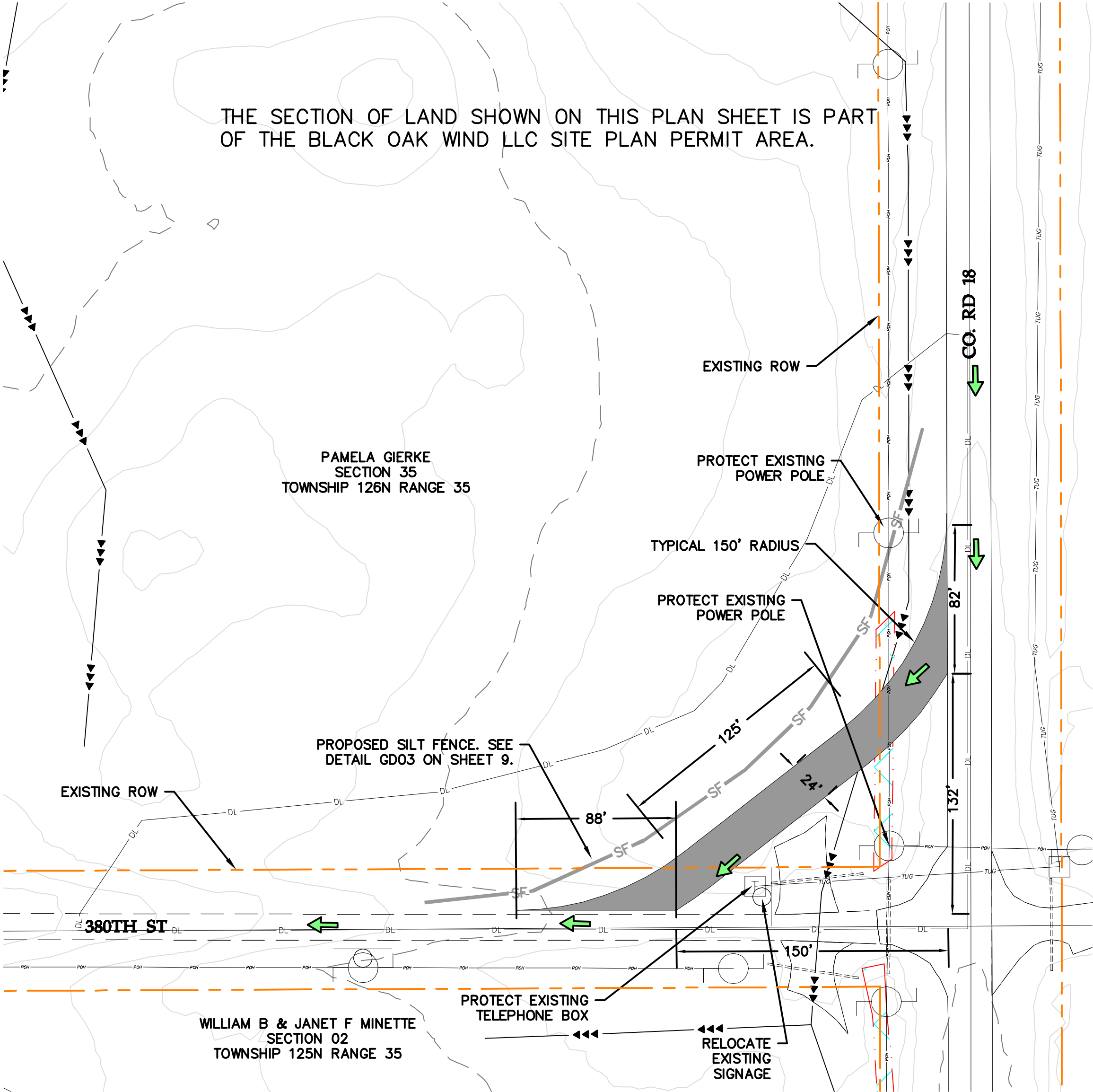
### INTERSECTION #1



#### LEGEND:

	OBSTACLE FREE ZONE		EXISTING DRAIN TILE
	TYPICAL 150' RADIUS		EXISTING 10' CONTOURS
	PROPOSED TEMPORARY CULVERT		EXISTING 2' CONTOURS
	PROPOSED DISTURBANCE LIMIT		EXISTING WETLANDS
	EXISTING ROW LINE		DELIVERY INGRESS
	EXISTING BITUMINOUS ROAD		
	EXISTING GRAVEL ROAD		
	EXISTING FENCE		
	EXISTING CULVERT		
	EXISTING OVERHEAD POWER		
	EXISTING UNDERGROUND POWER		
	EXISTING TELEPHONE LINE		

### INTERSECTION #2



#### NOTES:

- ALL CUT AND FILL SLOPES SHALL BE 4:1 OR FLATTER
- UPON COMPLETION OF ALL PROJECT CONSTRUCTION, TEMPORARY INTERSECTION WIDENING SHALL BE REMOVED UNLESS OTHERWISE DIRECTED BY OWNER. THE DISTURBED AREA SHALL BE RESTORED TO ORIGINAL LINES AND GRADES WITH THE UPPER FOOT OF THE RESTORED GROUND TO BE TOPSOIL.
- ALL DISTURBED AREAS NOT COVERED WITH GRAVEL SHALL BE STABILIZED IN ACCORDANCE WITH BLACK OAK/GETTY STORMWATER POLLUTION PREVENTION PLAN AND CONFORM WITH THE MINNESOTA POLLUTION CONTROL AGENCY SPECIFICATIONS.
- CONTRACTOR TO PROTECT EXISTING UTILITIES AND MAINTAIN EXISTING DRAINAGE PATTERNS AT ALL TIMES.
- CULVERTS SHALL HAVE A MINIMUM 1' OF COVER OVER TOP OF PIPE AND BE INSTALLED PER MINNESOTA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- CONTRACTOR TO PROVIDE TRAFFIC CONTROL PER MINNESOTA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MN-MUTCD) AND RELOCATE ALL IMPACTED SIGNAGE AS REQUIRED BY COUNTY OFFICIALS.
- EXISTING FIELD ACCESS POINTS IN THE VICINITY OF TEMPORARY INTERSECTION IMPROVEMENTS SHALL REMAIN POST-CONSTRUCTION.

- CONTRACTOR SHALL CONTACT THE AREA MAINTENANCE ENGINEER AFTER WORK HAS BEEN COMPLETED FOR FINAL INSPECTION AND ACCEPTANCE BY MNDOT
- ALL WORK WITHIN MNDOT ROW SHALL BE DONE TO MN DOT SPECIFICATIONS. REFER TO MNDOT SPECIFICATIONS 2105 FOR EXCAVATION AND EMBANKMENT, 2211 FOR AGGREGATE BASES, 221 FOR AGGREGATE SHOULDERING, 2451 FOR EXCAVATION AND BACKFILLS, 2112 FOR SUBGRADE PREPARATION, 2501 FOR PIPE CULVERTS AND OTHERS AS REQUIRED TO COMPLETE THE WORK
- CONTRACTOR TO REFER TO STANDARD CONDITIONS OF PERMIT FOR ADDITIONAL REQUIREMENTS



I hereby certify that this plan 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.

Robert Stanley Copouls  
Date: 1/18/16 License No. 47876

Designed: KLM

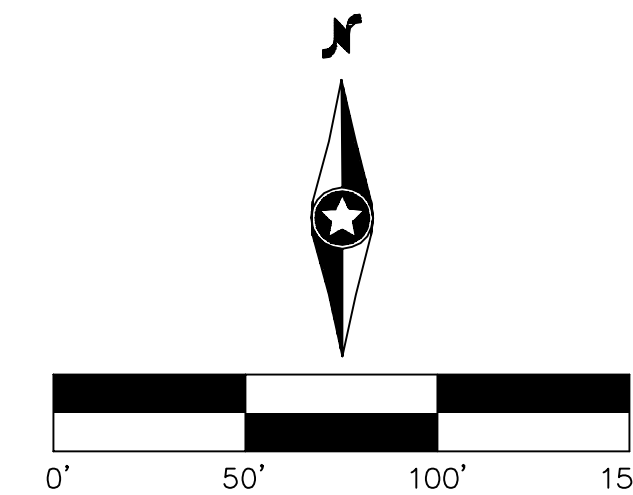
Checked: RSC

Drawn: JFH

Record Drawing by/date:

Revisions #	DATE	DESCRIPTION
A	5/30/14	30% CIVIL CONSTRUCTION PLAN
B	8/15/14	60% CIVIL CONSTRUCTION PLAN
C	8/26/14	ISSUED FOR PERMITTING
D	9/08/14	ISSUED FOR PERMITTING
E	9/24/14	ISSUED FOR PERMITTING
F	10/22/14	ISSUED FOR PERMITTING
G	11/13/14	ISSUED FOR PERMITTING
H	6/11/15	ISSUED FOR PERMITTING
I	7/10/15	ISSUED FOR BID
J	8/07/15	ISSUED FOR PERMITTING
K	1/18/16	ISSUED FOR PERMITTING

Prepared for:  
  
488 8th Avenue, HQ11,  
San Diego, CA 92101



## Black Oak/Getty Wind Farm

Stearns County, Minnesota

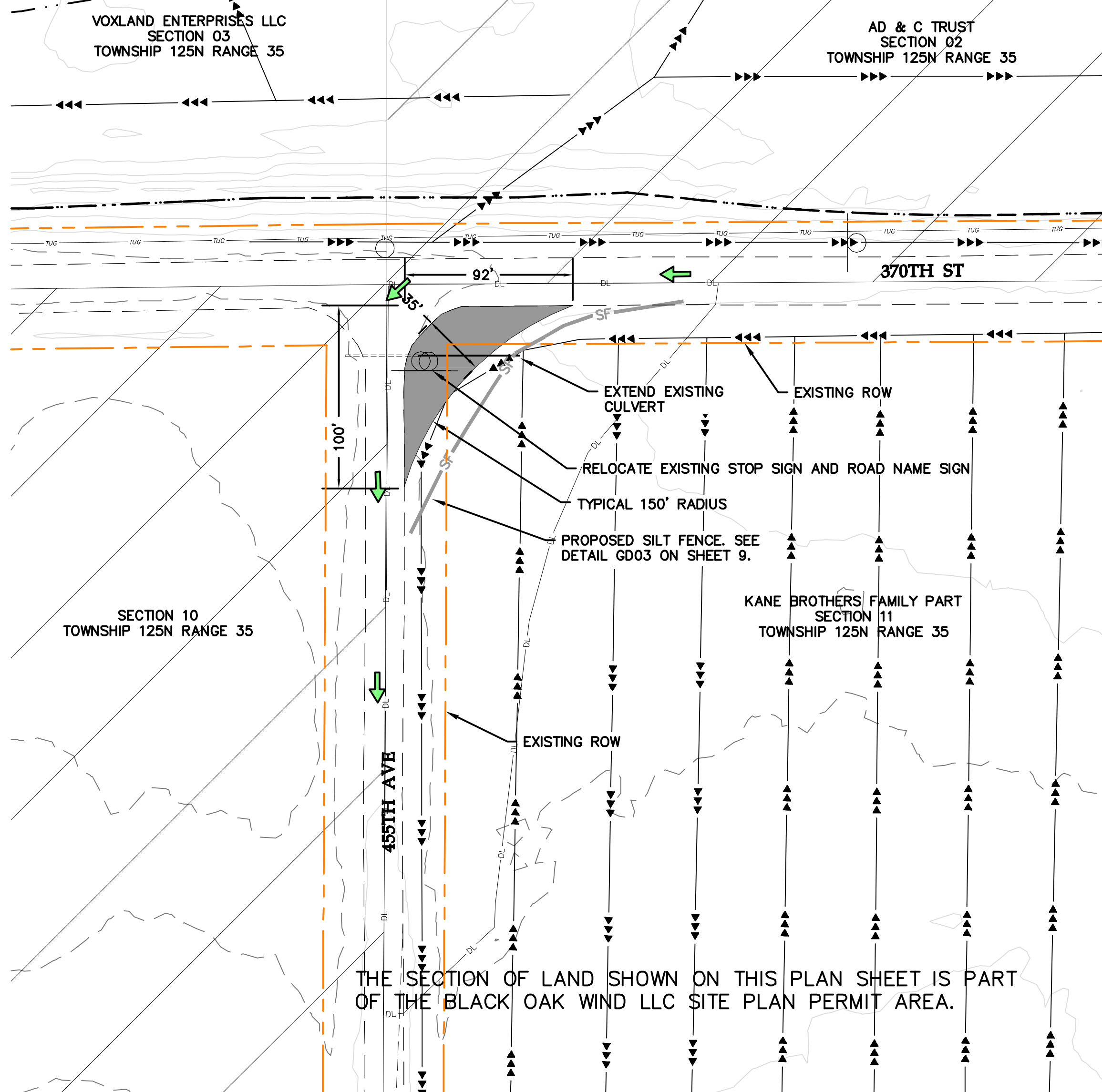
### Intersection Improvements 3 & 4

#### ISSUED FOR PERMITTING

Turbine Array:  
BOGY-39xV10-80mHH-20140718\_r1  
Date: 1/18/16

Sheet: 37 OF 43

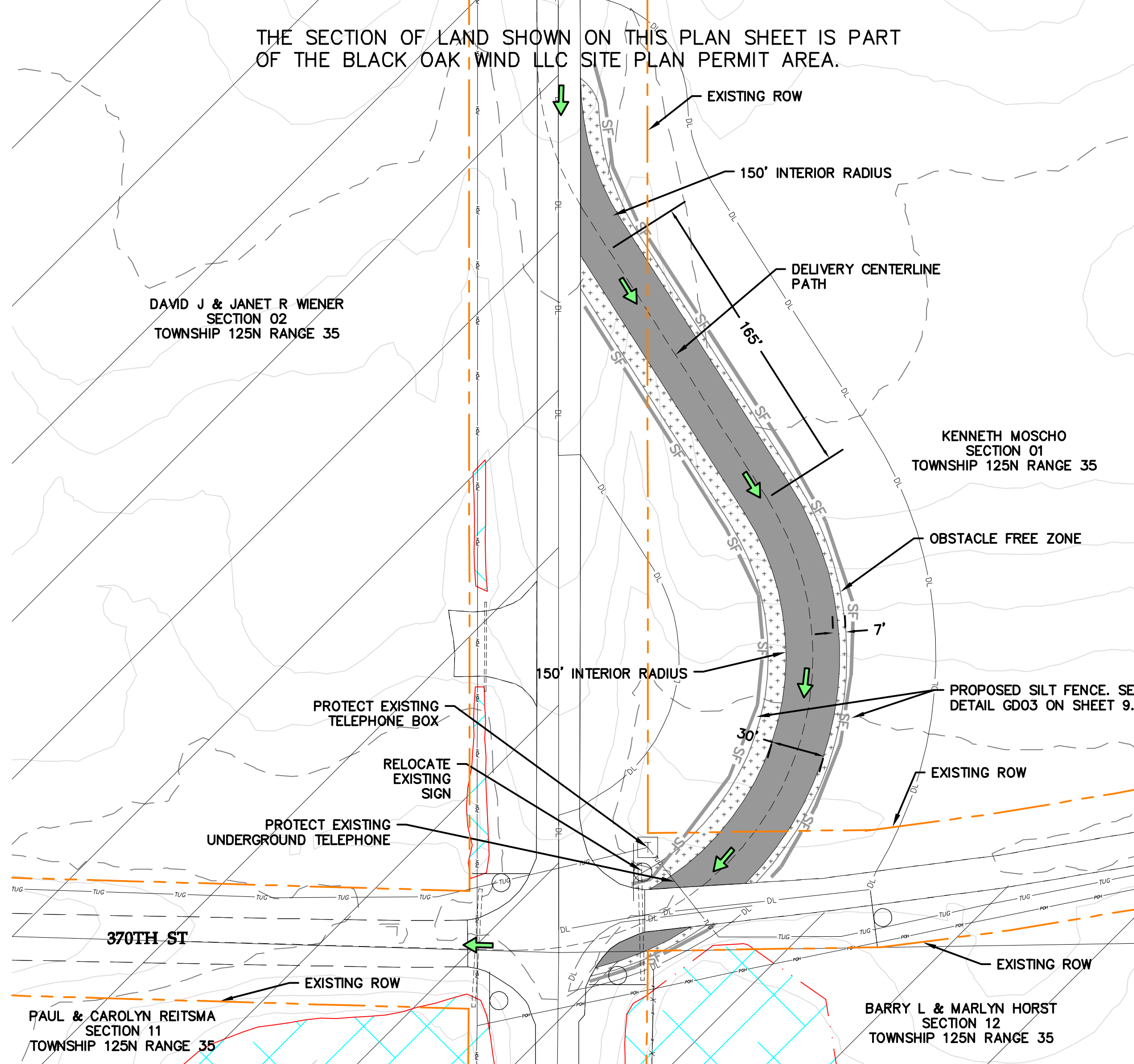
### INTERSECTION #3



#### LEGEND:

	OBSTACLE FREE ZONE		EXISTING DRAIN TILE
	TYPICAL 150' RADIUS		EXISTING 10' CONTOURS
	PROPOSED TEMPORARY CULVERT		EXISTING 2' CONTOURS
	PROPOSED DISTURBANCE LIMIT		EXISTING WETLANDS
	EXISTING ROW LINE		DELIVERY INGRESS
	EXISTING BITUMINOUS ROAD		
	EXISTING GRAVEL ROAD		
	EXISTING FENCE		
	EXISTING CULVERT		
	EXISTING OVERHEAD POWER		
	EXISTING UNDERGROUND POWER		
	EXISTING TELEPHONE LINE		

### INTERSECTION #4



#### NOTES:

- ALL CUT AND FILL SLOPES SHALL BE 4:1 OR FLATTER
- UPON COMPLETION OF ALL PROJECT CONSTRUCTION, TEMPORARY INTERSECTION WIDENING SHALL BE REMOVED UNLESS OTHERWISE DIRECTED BY OWNER. THE DISTURBED AREA SHALL BE RESTORED TO ORIGINAL LINES AND GRADES WITH THE UPPER FOOT OF THE RESTORED GROUND TO BE TOPSOIL.
- ALL DISTURBED AREAS NOT COVERED WITH GRAVEL SHALL BE STABILIZED IN ACCORDANCE WITH BLACK OAK/GETTY STORMWATER POLLUTION PREVENTION PLAN AND CONFORM WITH THE MINNESOTA POLLUTION CONTROL AGENCY SPECIFICATIONS.
- CONTRACTOR TO PROTECT EXISTING UTILITIES AND MAINTAIN EXISTING DRAINAGE PATTERNS AT ALL TIMES.
- CULVERTS SHALL HAVE A MINIMUM 1' OF COVER OVER TOP OF PIPE AND BE INSTALLED PER MINNESOTA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- CONTRACTOR TO PROVIDE TRAFFIC CONTROL PER MINNESOTA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MN-MUTCD) AND RELOCATE ALL IMPACTED SIGNAGE AS REQUIRED BY COUNTY OFFICIALS.
- EXISTING FIELD ACCESS POINTS IN THE VICINITY OF TEMPORARY INTERSECTION IMPROVEMENTS SHALL REMAIN POST-CONSTRUCTION.



I hereby certify that this plan 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.

Robert Stanley Copouls  
Date: 1/18/16 License No. 47876

Designed: KLM

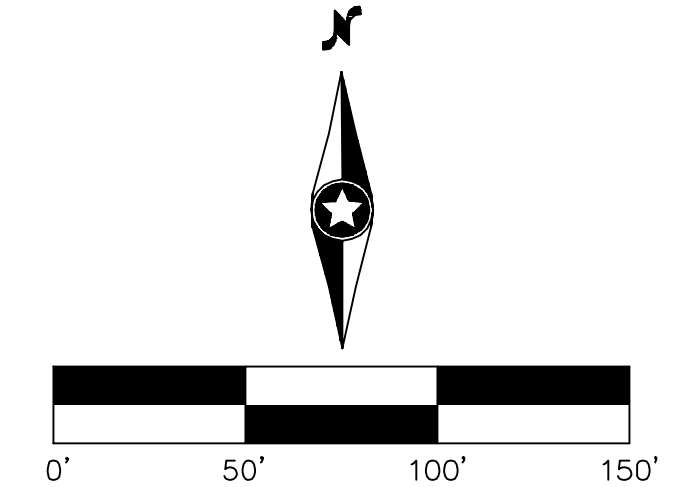
Checked: RSC

Drawn: JFH

Record Drawing by/date:

Revisions #	DATE	DESCRIPTION
A	5/30/14	30% CIVIL CONSTRUCTION PLAN
B	8/15/14	60% CIVIL CONSTRUCTION PLAN
C	8/26/14	ISSUED FOR PERMITTING
D	9/08/14	ISSUED FOR PERMITTING
E	9/24/14	ISSUED FOR PERMITTING
F	10/22/14	ISSUED FOR PERMITTING
G	11/13/14	ISSUED FOR PERMITTING
H	6/11/15	ISSUED FOR PERMITTING
I	7/10/15	ISSUED FOR BID
J	8/07/15	ISSUED FOR PERMITTING
K	1/18/16	ISSUED FOR PERMITTING

Prepared for:  
  
488 8th Avenue, HQ11,  
San Diego, CA 92101



## Black Oak/Getty Wind Farm

Stearns County, Minnesota

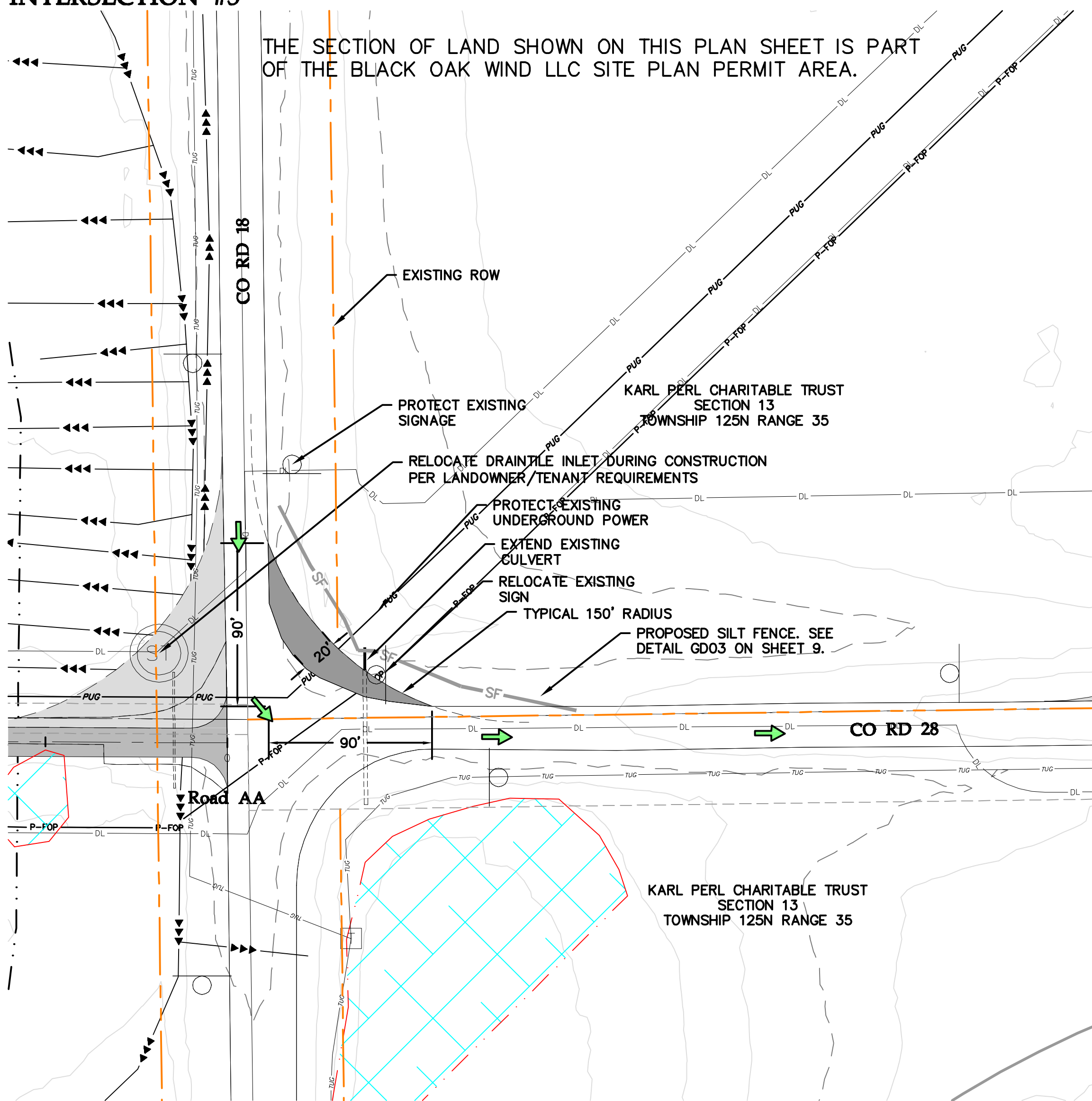
### Intersection Improvements 5 & 6

### ISSUED FOR PERMITTING

Turbine Array:  
BOGY-39xV110-90mHH-20140718\_r1  
Date: 1/18/16  
Sheet: 38 OF 43

### INTERSECTION #5

THE SECTION OF LAND SHOWN ON THIS PLAN SHEET IS PART OF THE BLACK OAK WIND LLC SITE PLAN PERMIT AREA.

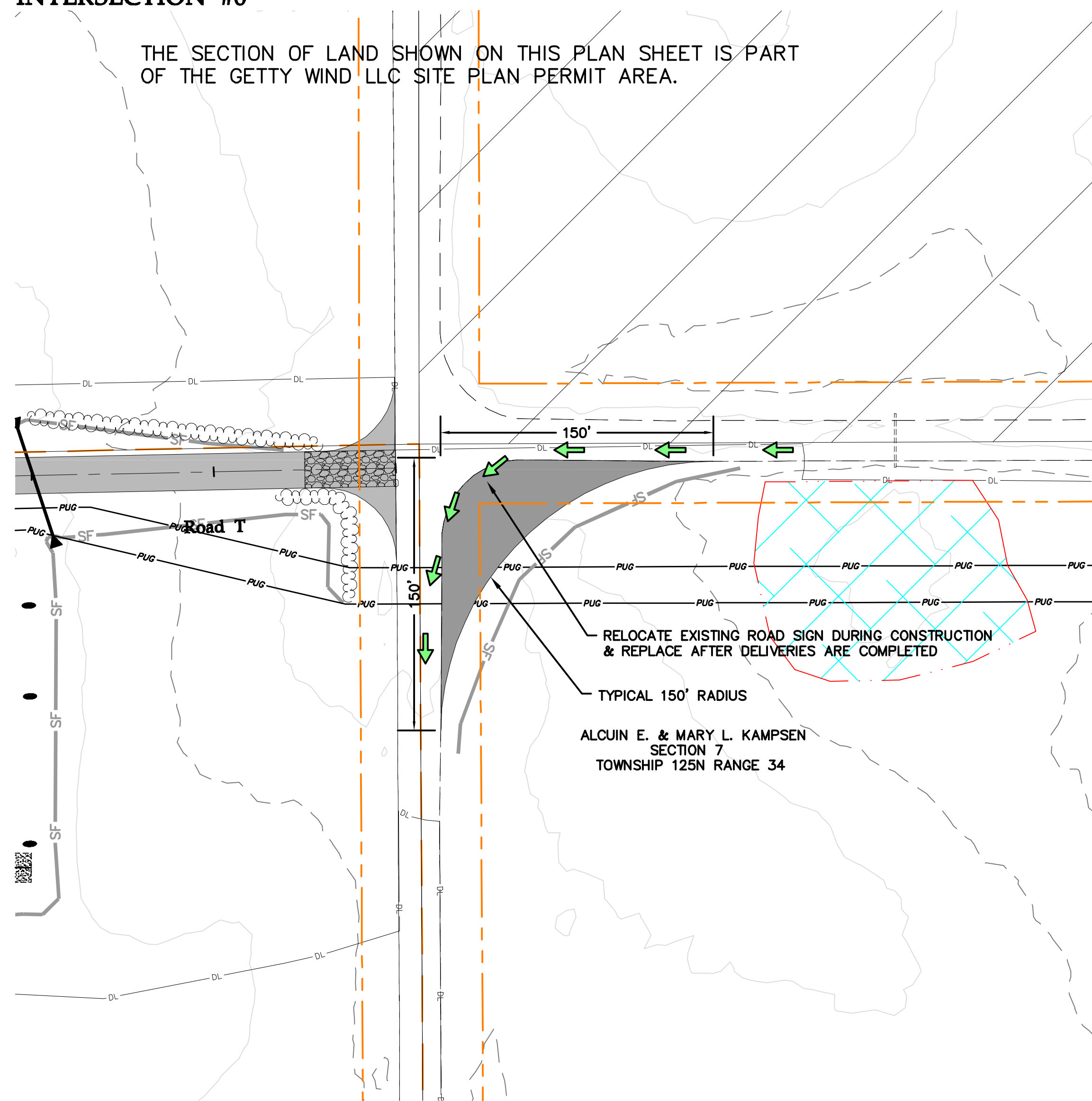


#### LEGEND:

	OBSTACLE FREE ZONE		EXISTING DRAIN TILE
	TYPICAL 150' RADIUS		EXISTING 10' CONTOURS
	PROPOSED TEMPORARY CULVERT		EXISTING 2' CONTOURS
	PROPOSED DISTURBANCE LIMIT		EXISTING WETLANDS
	EXISTING ROW LINE		DELIVERY INGRESS
	EXISTING BITUMINOUS ROAD		
	EXISTING GRAVEL ROAD		
	EXISTING FENCE		
	EXISTING CULVERT		
	EXISTING OVERHEAD POWER		
	EXISTING UNDERGROUND POWER		
	EXISTING TELEPHONE LINE		

### INTERSECTION #6

THE SECTION OF LAND SHOWN ON THIS PLAN SHEET IS PART OF THE GETTY WIND LLC SITE PLAN PERMIT AREA.



#### NOTES:

- ALL CUT AND FILL SLOPES SHALL BE 4:1 OR FLATTER
- UPON COMPLETION OF ALL PROJECT CONSTRUCTION, TEMPORARY INTERSECTION WIDENING SHALL BE REMOVED UNLESS OTHERWISE DIRECTED BY OWNER. THE DISTURBED AREA SHALL BE RESTORED TO ORIGINAL LINES AND GRADES WITH THE UPPER FOOT OF THE RESTORED GROUND TO BE TOPSOIL.
- ALL DISTURBED AREAS NOT COVERED WITH GRAVEL SHALL BE STABILIZED IN ACCORDANCE WITH BLACK OAK/Getty STORMWATER POLLUTION PREVENTION PLAN AND CONFORM WITH THE MINNESOTA POLLUTION CONTROL AGENCY SPECIFICATIONS.
- CONTRACTOR TO PROTECT EXISTING UTILITIES AND MAINTAIN EXISTING DRAINAGE PATTERNS AT ALL TIMES.
- CULVERTS SHALL HAVE A MINIMUM 1' OF COVER OVER TOP OF PIPE AND BE INSTALLED PER MINNESOTA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- CONTRACTOR TO PROVIDE TRAFFIC CONTROL PER MINNESOTA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MN-MUTCD) AND RELOCATE ALL IMPACTED SIGNAGE AS REQUIRED BY COUNTY OFFICIALS.
- EXISTING FIELD ACCESS POINTS IN THE VICINITY OF TEMPORARY INTERSECTION IMPROVEMENTS SHALL REMAIN POST-CONSTRUCTION.