



February 26, 2018

Via Electronic Filing

Mr. Daniel Wolf
Executive Secretary
Minnesota Public Utilities Commission
121 Seventh Place East, Suite 350
St. Paul, MN 55101-2147

Re: *In the Matter of the Application of Palmer's Creek Wind Farm LLC for a Large Wind Energy Conversion System Site Permit for the 44.6 MW Palmer's Creek Wind Project in Chippewa County, Minnesota. Docket No. IP-6979/WS-17-265*

Dear Mr. Wolf:

In accordance with section 10.3 of the draft Site Permit for Palmer's Creek Wind Farm, Palmer's Creek respectfully submits the attached Revisions to the Site Plan prepared by Fagen Engineering. These revisions reflect the relocation of wind turbines number 5, 9, 10 and 12.


Sincerely,

Kate Carlton
Corporate Counsel
Fagen Incorporated
P.O. Box 159
Granite Falls, MN 56241


PALMER'S CREEK WIND FARM PROJECT WIND TURBINE GENERATOR ACCESS ROAD LAYOUT CHIPPEWA COUNTY, MINNESOTA

NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	ISSUED FOR PERMITS - LOCATION MODIFICATIONS - WIG-5.9.10&12	THH	TBT	02/02/2018
4	PC / RELOCATED WIG-5.9.10&12	HEK	THH	02/23/2018

The original of this drawing was issued and sealed by <u>TODD H. HAY</u>				
Date: <u>02/23/2018</u> Registration No.: <u>40988</u>				
and is on file at Fagen Engineering LLC corporate office in Granite Falls, Minnesota.				



PALMER'S CREEK
Wind Farm



FAGEN
ENGINEERING LLC

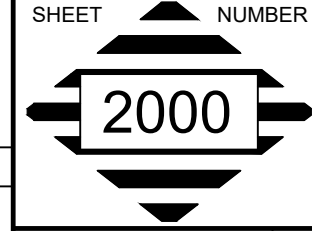
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK
WIND FARM, LLC
GRANITE FALLS, MINNESOTA

COVER SHEET

DRAWN: HEK	SHEET	NUMBER
CHK'D: THH		
DATE: 01/19/2018		
SCALE: NONE		
JOB NUMBER		
EG2482	REVISION NUMBER 2	

DWG #	DESCRIPTION	DATE ISSUED	REVISION #	DATE REVISED
2000-2099 COVER SHEET(S)				
2000	COVER SHEET	01/19/2018	2	02/23/2018
PROJECT OVERVIEW				
2100	PALMER'S CREEK WIND FARM PROJECT / GE-2.3 / 2.5 WTG LAYOUT	01/19/2018	2	02/23/2018
2101	WIND TURBINE GENERATOR / LAYOUT COORDINATES	01/19/2018	1	02/23/2018
2102	WIND TURBINE GENERATOR DELIVERY ROUTE TO PROJECT AREA	01/19/2018	1	02/23/2018
2103	WIND TURBINE GENERATOR DELIVERY ROUTE INSIDE THE PROJECT AREA	01/19/2018	1	02/23/2018
2104	PALMER'S CREEK WIND FARM / CRANE WALK ROUTES	01/19/2018	1	02/23/2018
2105	PALMER'S CREEK WIND FARM / COLLECTION LINE ROUTES	01/19/2018	1	02/23/2018
2106	CHIPPEWA COUNTY / GRANITE FALLS TOWNSHIP INTERSECTION MODIFICATIONS	01/19/2018	1	02/23/2018
2107	PALMER'S CREEK WIND FARM / PROJECT WIND RIGHTS COVERAGE	01/19/2018	1	02/23/2018
2108	PALMER'S CREEK WIND FARM / HOME SETBACK COMPLIANCES	01/19/2018	1	02/23/2018
2109	PALMER'S CREEK WIND FARM / GRASSLAND/NATIVE PRAIRIE AREAS	02/23/2018	0	
PROJECT TURBINE STRINGS OVERVIEW				
2200	WIND TURBINE GENERATOR #1 & ACCESS ROAD	01/19/2018	0	
2201	WIND TURBINE GENERATOR #2 & ACCESS ROAD	01/19/2018	0	
2202	WIND TURBINE GENERATOR #3 & ACCESS ROAD	01/19/2018	0	
2203	TOWNSHIP ROAD UPGRADE TO WIND TURBINE GENERATOR #4 & ACCESS ROAD	01/19/2018	0	
2204	WIND TURBINE GENERATOR #5 & ACCESS ROAD	01/19/2018	1	02/23/2018
2205	WIND TURBINE GENERATOR #6 & ACCESS ROAD	01/19/2018	1	02/23/2018
2206	WIND TURBINE GENERATOR #7 & ACCESS ROAD	01/19/2018	0	
2207	TOWNSHIP ROAD UPGRADE TO WIND TURBINE GENERATOR #8	01/19/2018	0	
2208	WIND TURBINE GENERATOR #8 & ACCESS ROAD	01/19/2018	0	
2209	WIND TURBINE GENERATOR #9 & ACCESS ROAD	01/19/2018	1	02/23/2018
2210	WIND TURBINE GENERATOR #10 & ACCESS ROAD	01/19/2018	1	02/23/2018
2211	WIND TURBINE GENERATOR #11 & ACCESS ROAD	01/19/2018	0	
2212	TOWNSHIP ROAD UPGRADE TO WIND TURBINE GENERATOR #12	01/19/2018	1	02/23/2018
2213	WIND TURBINE GENERATOR #12 & ACCESS ROAD	01/19/2018	1	02/23/2018
2214	WIND TURBINE GENERATOR #13 & ACCESS ROAD	01/19/2018	0	
2215	WIND TURBINE GENERATOR #14 & ACCESS ROAD	01/19/2018	0	
2216	WIND TURBINE GENERATOR #15 & ACCESS ROAD	01/19/2018	0	
2217	WIND TURBINE GENERATOR #16 & ACCESS ROAD	01/19/2018	0	
2218	WIND TURBINE GENERATOR #17 & ACCESS ROAD	01/19/2018	0	
2219	WIND TURBINE GENERATOR #18 & ACCESS ROAD	01/19/2018	0	
2220	PALMER'S CREEK WIND FARM PERMANENT MET TOWER ACCESS	01/19/2018	0	
2221	PALMER'S CREEK WIND FARM SUBSTATION - INTERCONNECT	01/19/2018	0	
PROJECT DETAILS				
2300	WIND TURBINE PROJECT - ROAD/PAD/CONSTRUCTION DETAILS	01/19/2018	0	
2301	WIND TURBINE PROJECT CONSTRUCTION DETAILS	01/19/2018	0	

PLEASE REPLACE YOUR EXISTING DRAWINGS WITH THE REVISED DRAWINGS NOTED IN THIS PACKAGE (**SHOWN IN BOLD LETTERS**)

NOTE:
THE COORDINATE SYSTEM USED IN THIS SET OF PLANS FOR THE PROJECT ARE AS FOLLOWS:

MINNESOTA DOT: CHIPPEWA COUNTY, US FOOT
ChippewaMN-F; NAD83 datum
CHIPPEWA COUNTY, US Foot; LM-MNDOT PROJECTION

NOTE:
LAT/LONG COORDINATES / HAVE BEEN PROVIDED BY: OWNER (PALMER'S CREEK)

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL:



**GOPHER STATE
ONE CALL**

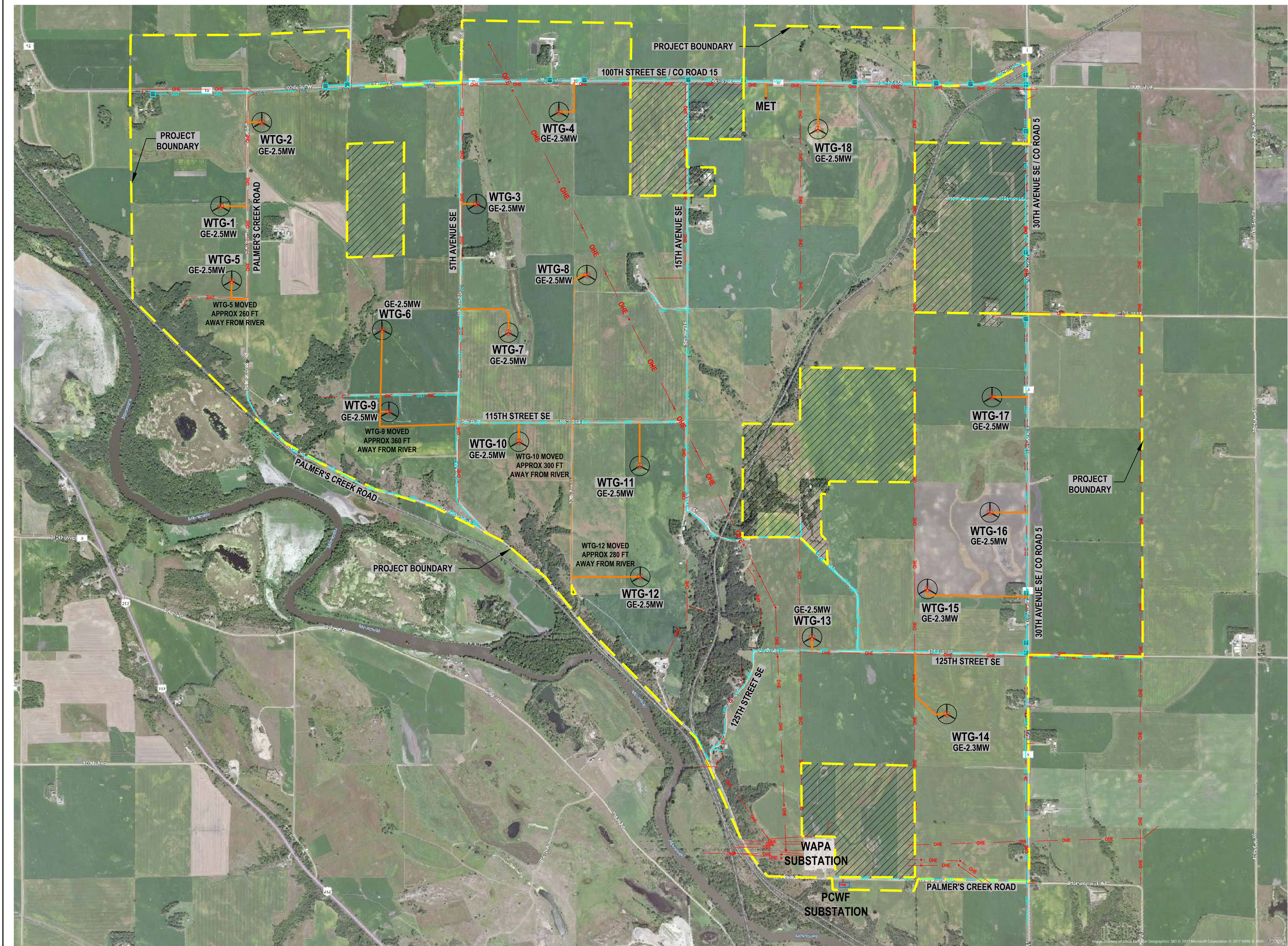
**2020 Centre Pointe Blvd.
Mendota Heights, MN 55120**

www.gopherstateonecall.org
651-454-8388 (Administration)
651-454-0002
800-252-1166

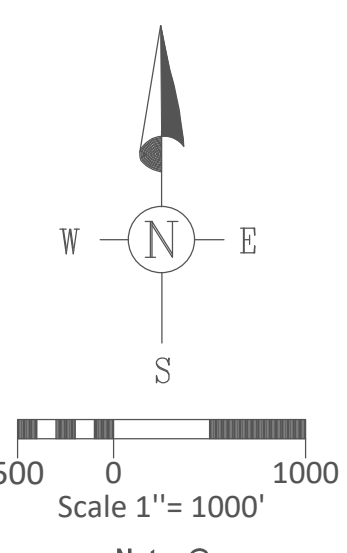
NOTE: ALL SUBCONTRACTORS MUST COMPLY WITH FAGEN INCORPORATED SAFETY REQUIREMENTS.

**PALMER'S CREEK
WIND FARM**

OFFICE:
GRANITE FALLS, MN 56241



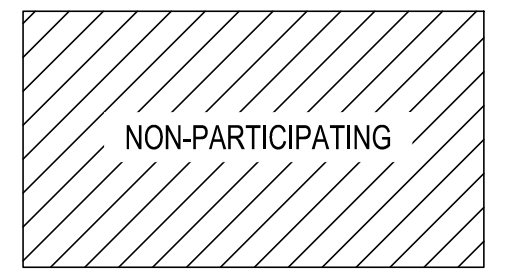
NO	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	ISSUED FOR PERMITS - LOCATION MODIFICATIONS - WTG-5, 9, 10 & 12	THH	TBT	02/02/2018
4	PC / RELOCATED WTG-5, 9, 10 & 12	HEK	THH	02/23/2018



Note: @
Architectural D Size
(24"x36")

NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS



The original of this drawing was issued and sealed by
TODD H. HAY
Date: 02/23/2018, Registration No.: 40988
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.



FAGEN
ENGINEERING LLC
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL
ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

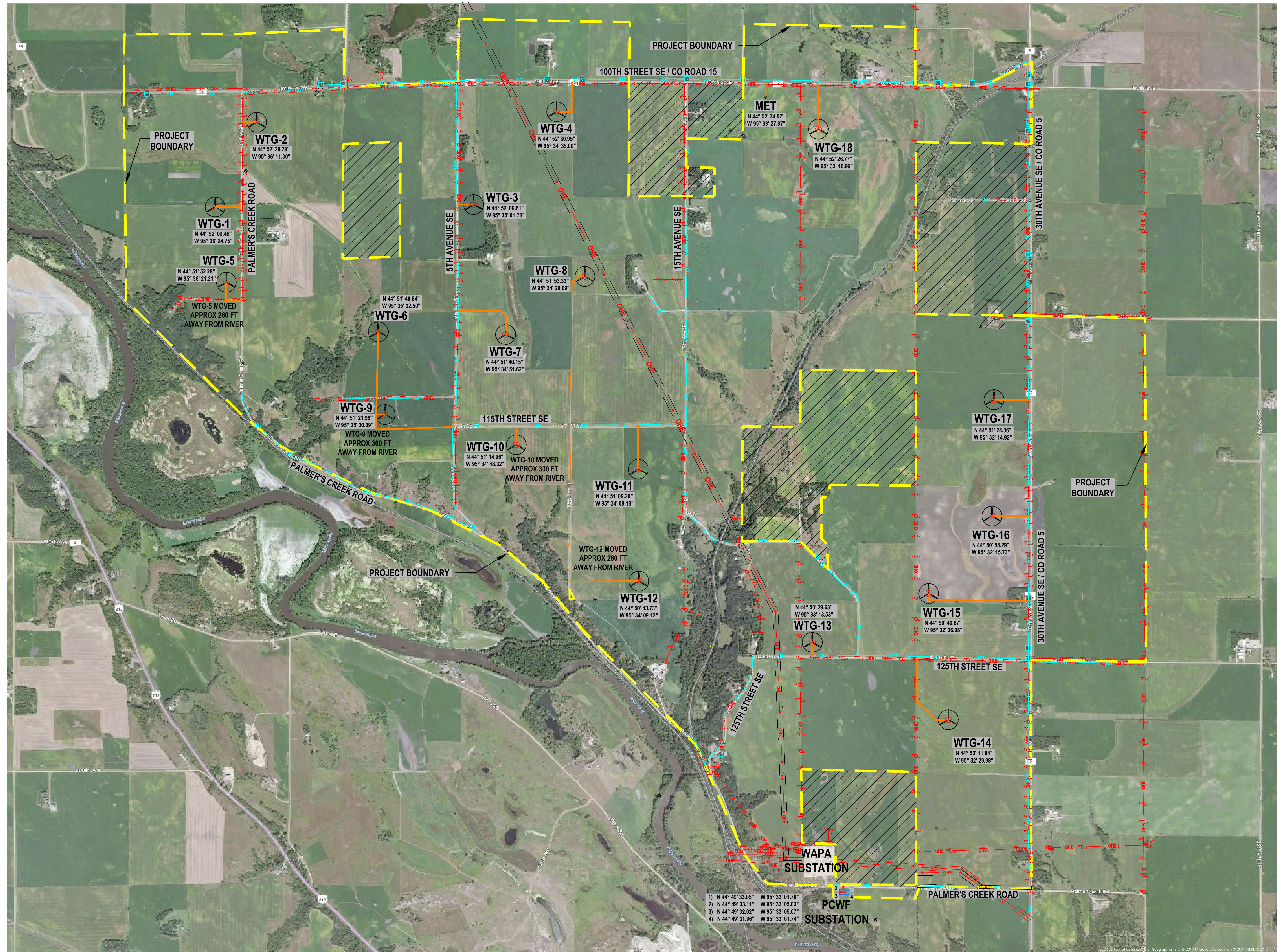
This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK
WIND FARM, LLC
GRANITE FALLS, MINNESOTA

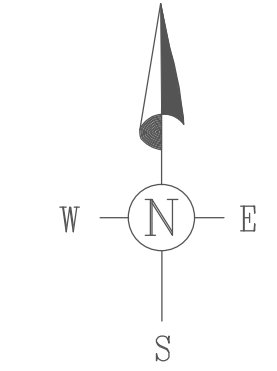
PALMER'S CREEK WIND FARM
PROJECT / GE-2.3/2.5 WTG LAYOUT

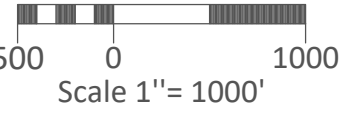
DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2100
DATE: 01/19/2018	
SCALE: 1"=1000'	
JOB NUMBER	

EG2482 REVISION NUMBER 2



NO	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12 UPDATE COORDINATES ETC.	HEK	THH	02/23/2018



 W N E
 S

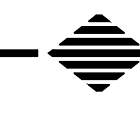

 500 0 1000
 Scale 1" = 1000'
 Note: @
 Architectural D Size
 (24"x36")

NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC
 corporate office in Granite Falls, Minnesota.


PALMER'S CREEK
 Wind Farm

FAGEN
ENGINEERING LLC


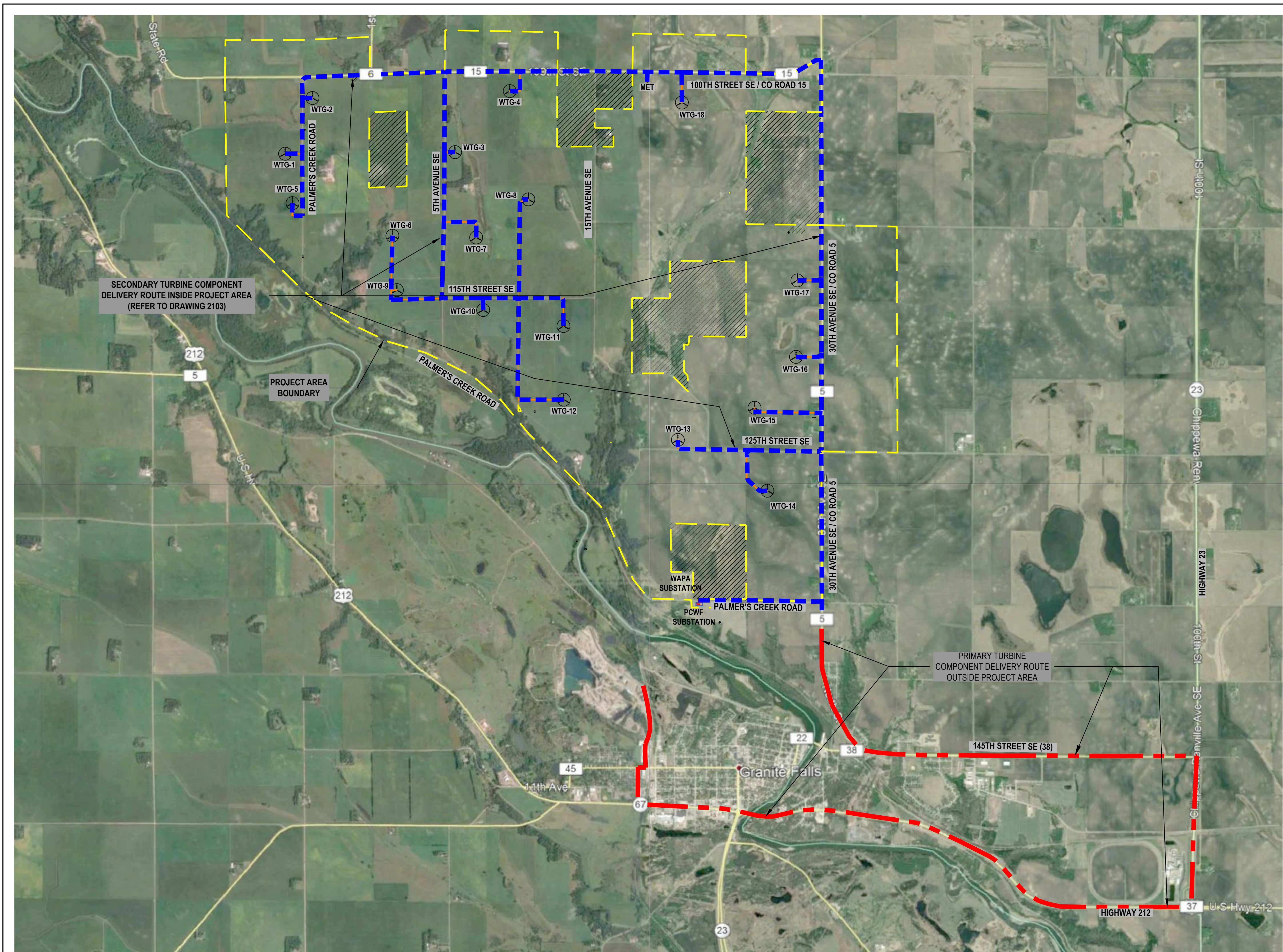
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL
 ENGINEERS
 501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on a different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK WIND FARM, LLC
 GRANITE FALLS, MINNESOTA
WIND TURBINE GENERATOR / LAYOUT COORDINATES

DRAWN:	HEK	SHEET NUMBER
CHK'D:	THH	2101
DATE:	01/19/2018	
SCALE:	1"=1000'	
JOB NUMBER		
EG2482		REVISION NUMBER 1

- 1) N 44° 49' 33.05" W 95° 33' 01.70"
- 2) N 44° 49' 33.11" W 95° 33' 05.03"
- 3) N 44° 49' 32.02" W 95° 33' 05.07"
- 4) N 44° 49' 31.96" W 95° 33' 01.74"



NO	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018

Scale 1" = 1500'

Note: @ Architectural D Size (24"x36")

NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC corporate office in Granite Falls, Minnesota.

PALMER'S CREEK
Wind Farm

FAGEN
ENGINEERING LLC

CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

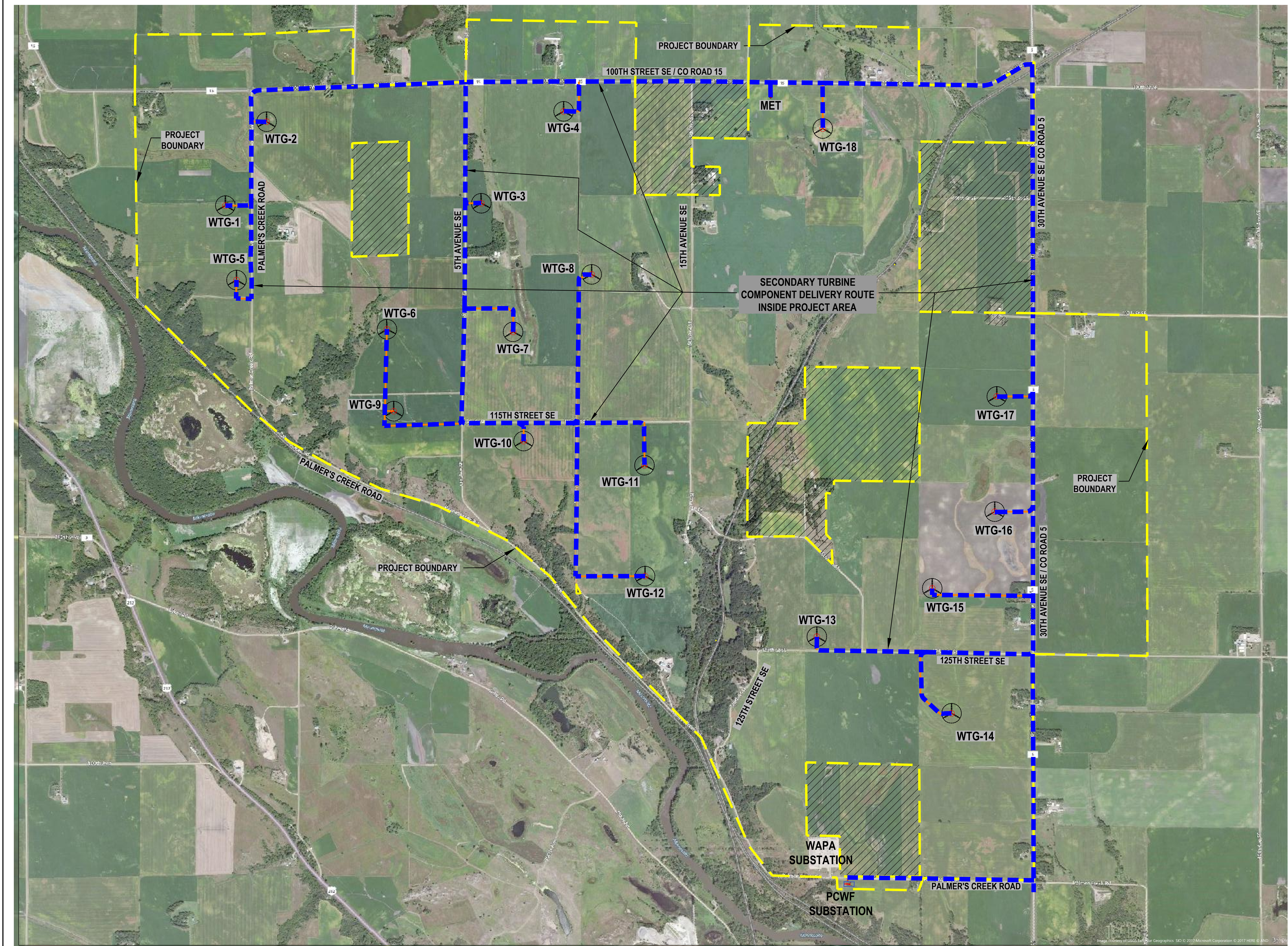
501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

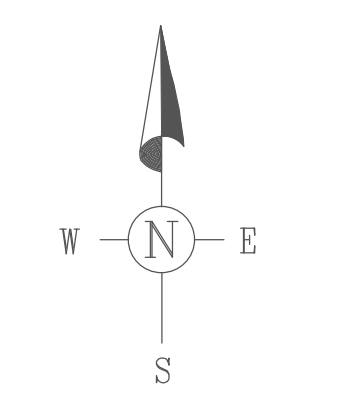
PALMER'S CREEK
WIND FARM, LLC
GRANITE FALLS, MINNESOTA

WIND TURBINE GENERATOR
DELIVERY ROUTE TO PROJECT AREA

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2102
DATE: 01/19/2018	
SCALE: 1"=1500'	
JOB NUMBER	
EG2482	REVISION NUMBER 1



NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018



Scale 1" = 1000'

Note: @ Architectural D Size (24"x36")

NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40988
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

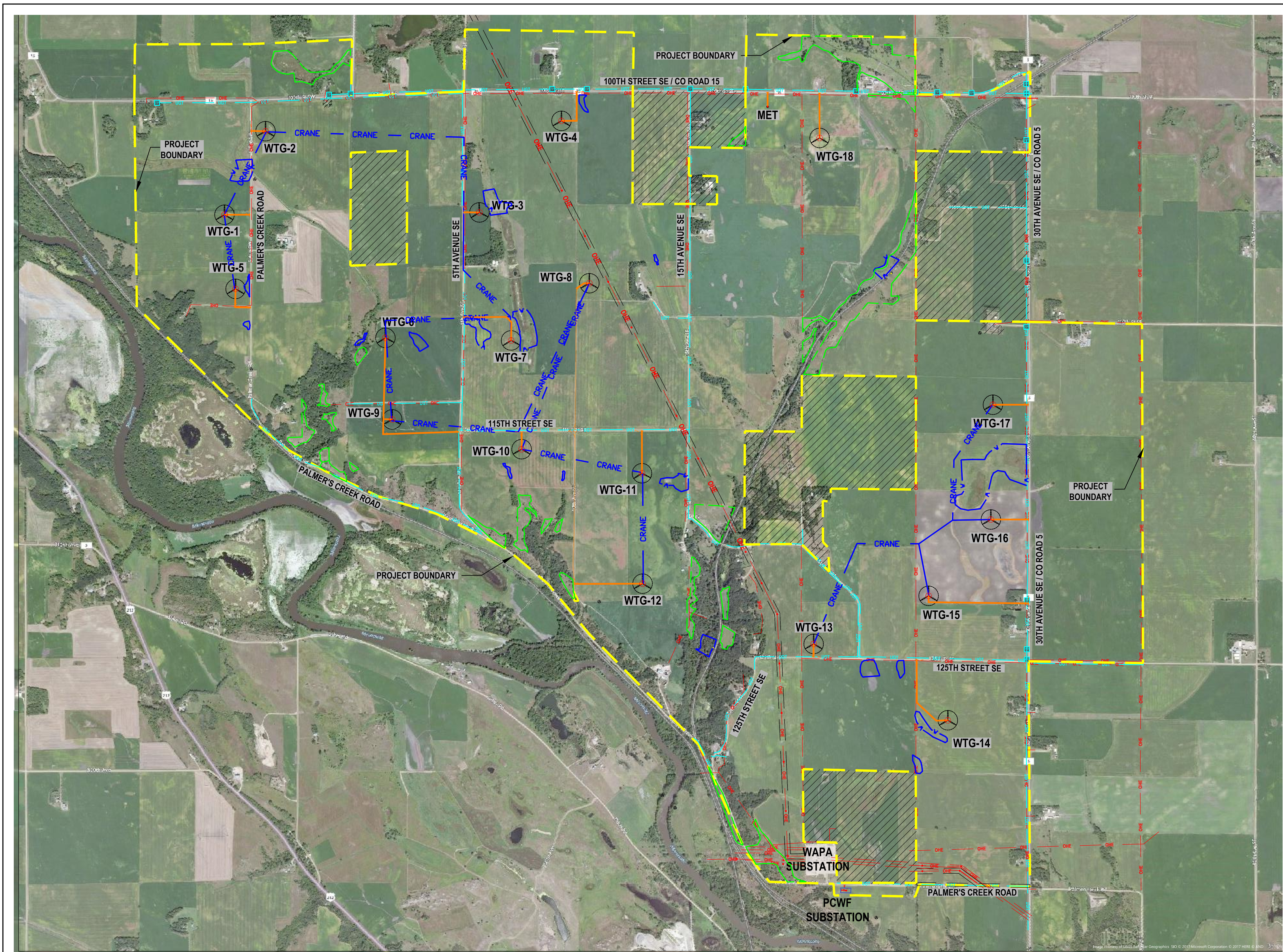
501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

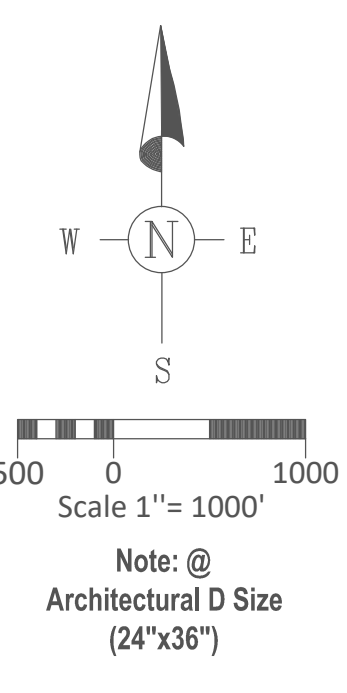
PALMER'S CREEK WIND FARM, LLC
GRANITE FALLS, MINNESOTA

WIND TURBINE GENERATOR DELIVERY ROUTE INSIDE THE PROJECT AREA

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2103
DATE: 01/19/2018	
SCALE: 1"=1000'	REVISION NUMBER
JOB NUMBER	1
EG2482	



NO	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018



NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC
 corporate office in Granite Falls, Minnesota.



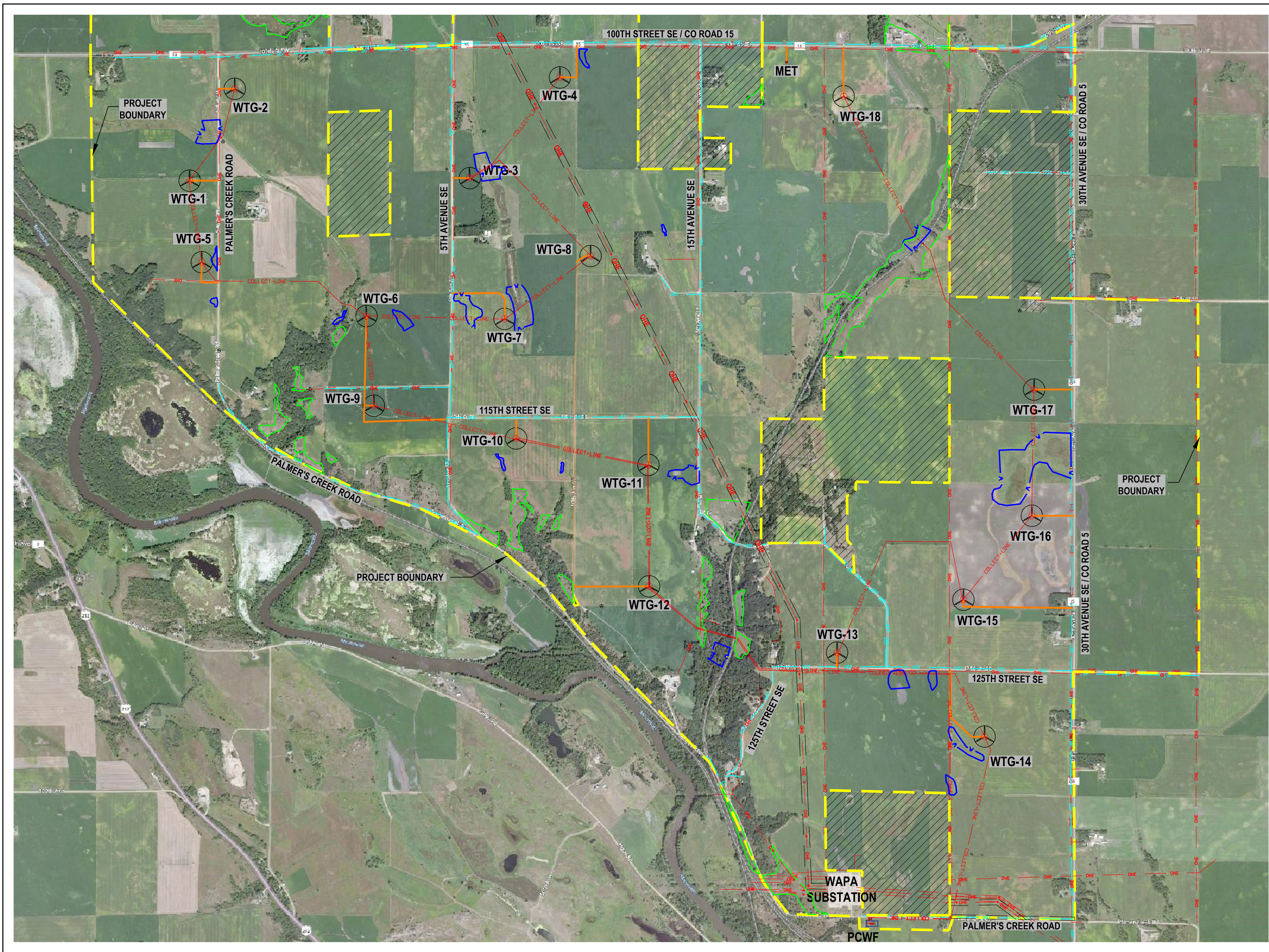
FAGEN ENGINEERING LLC
 CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK WIND FARM, LLC
 GRANITE FALLS, MINNESOTA
 PALMER'S CREEK WIND FARM / CRANE WALK ROUTES

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2104
DATE: 01/19/2018	
SCALE: 1"=1000'	
JOB NUMBER	
EG2482	REVISION NUMBER 1



NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018

Scale 1"=900'

Note: @
Architectural D Size
(24"x36")

NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40988
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.

PALMER'S CREEK
Wind Farm

FAGEN
ENGINEERING LLC

CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL
ENGINEERS

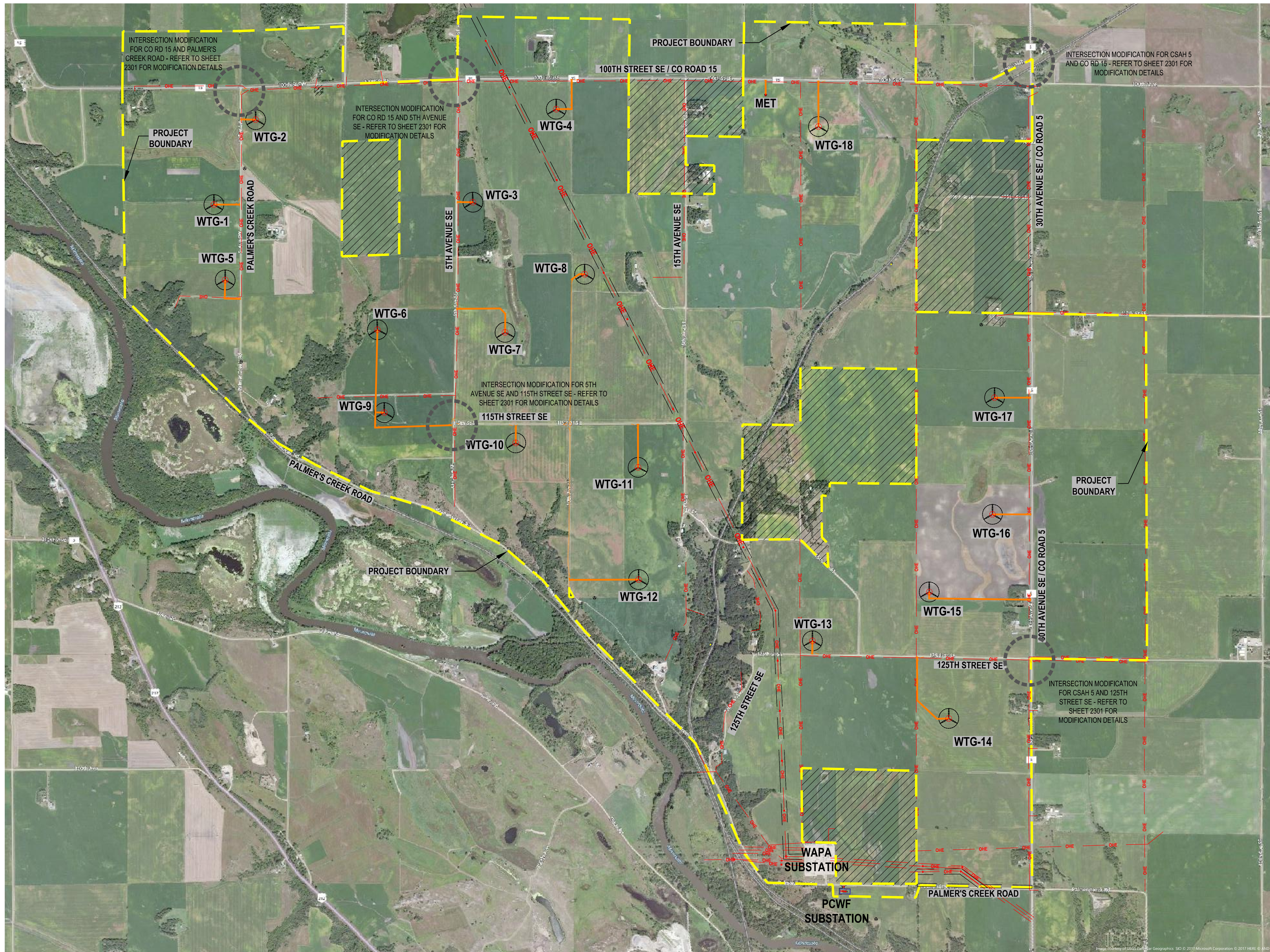
501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

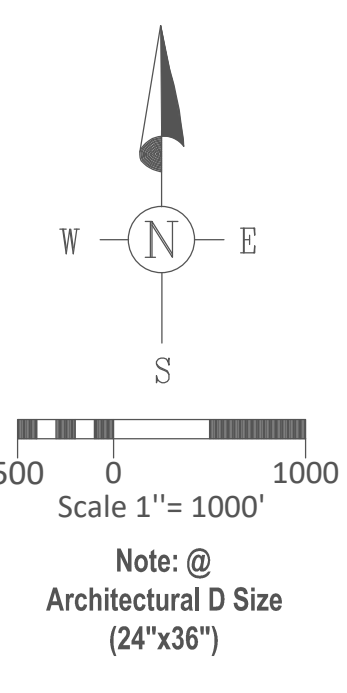
PALMER'S CREEK
WIND FARM, LLC
GRANITE FALLS, MINNESOTA

PALMER'S CREEK WIND FARM /
COLLECTION LINE ROUTES

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2105
DATE: 01/19/2018	
SCALE: 1"=900'	REVISION NUMBER
JOB NUMBER	1
EG2482	

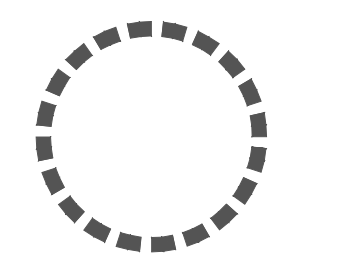


NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018



NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS



NOTE:
IDENTIFIES INTERSECTIONS NEEDING
MODIFICATION FOR WTG COMPONENT
DELIVERY - REFER TO SHEET 2301 FOR
MODIFICATION DETAILS

The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40988
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

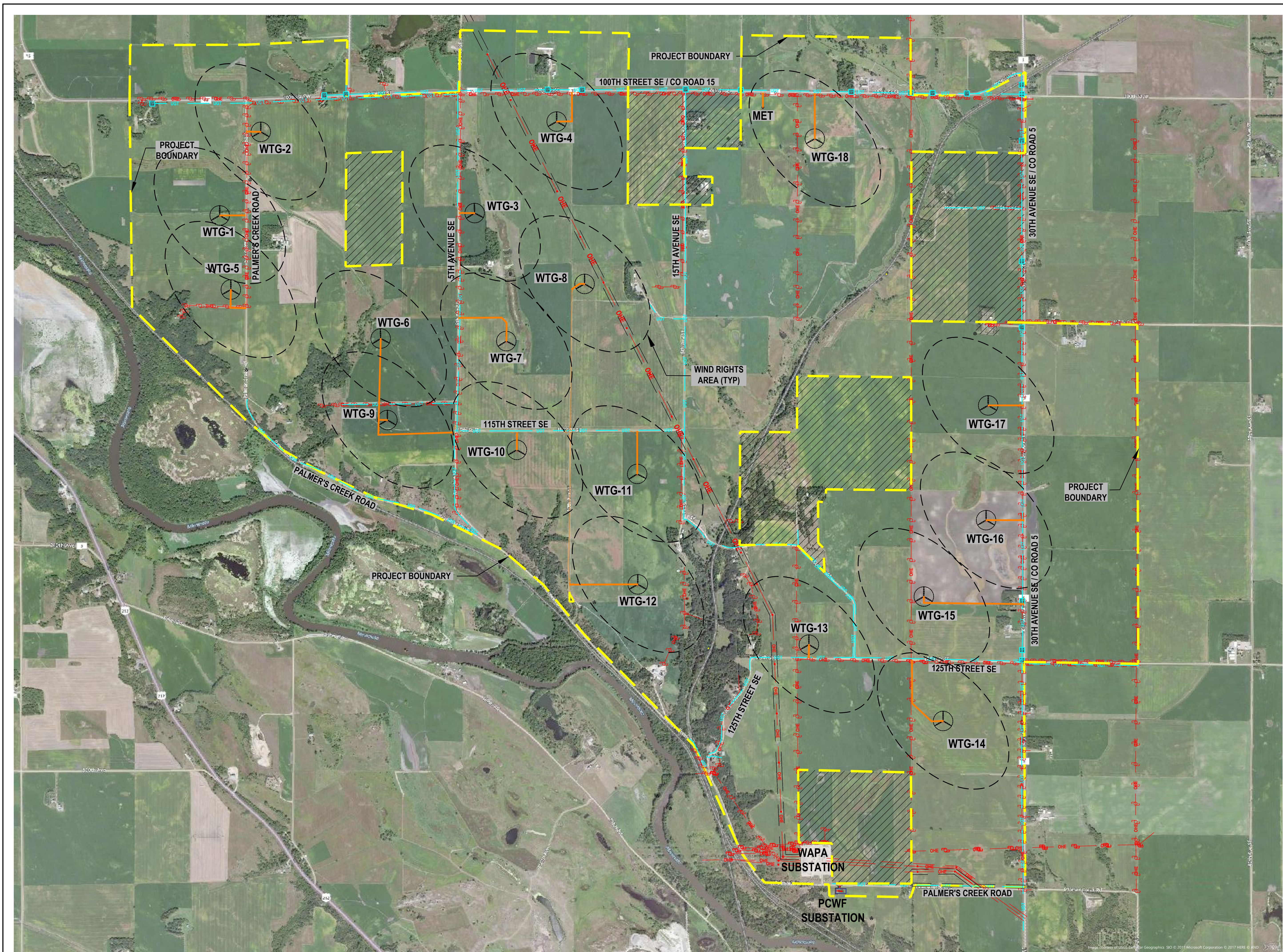
501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

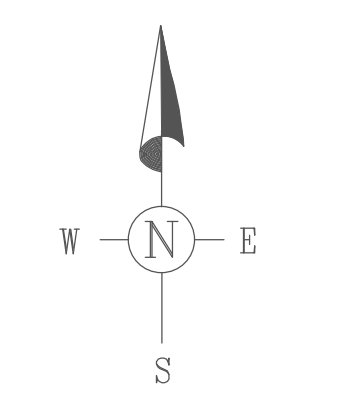
PALMER'S CREEK WIND FARM, LLC
GRANITE FALLS, MINNESOTA

CHIPPEWA COUNTY / GRANITE FALLS TOWNSHIP INTERSECTION MODIFICATIONS

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2106
DATE: 01/19/2018	
SCALE: 1"=1000'	REVISION NUMBER
JOB NUMBER	1
EG2482	



NO	REVISION	BY	CHK'D	DATE
1	RELEASED FOR PERMITTING	HEK	THH	01/3/2018
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018

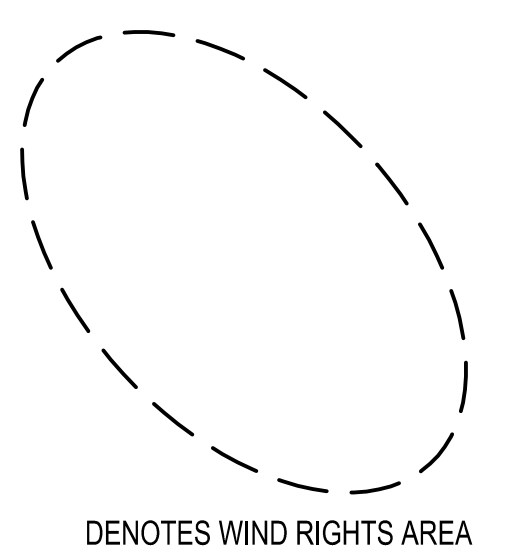
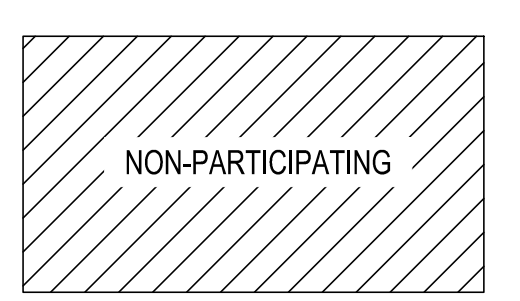


Scale 1" = 1000'
 500 0 1000

Note: @
 Architectural D Size
 (24"x36")

NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS



The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC
 corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
 CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

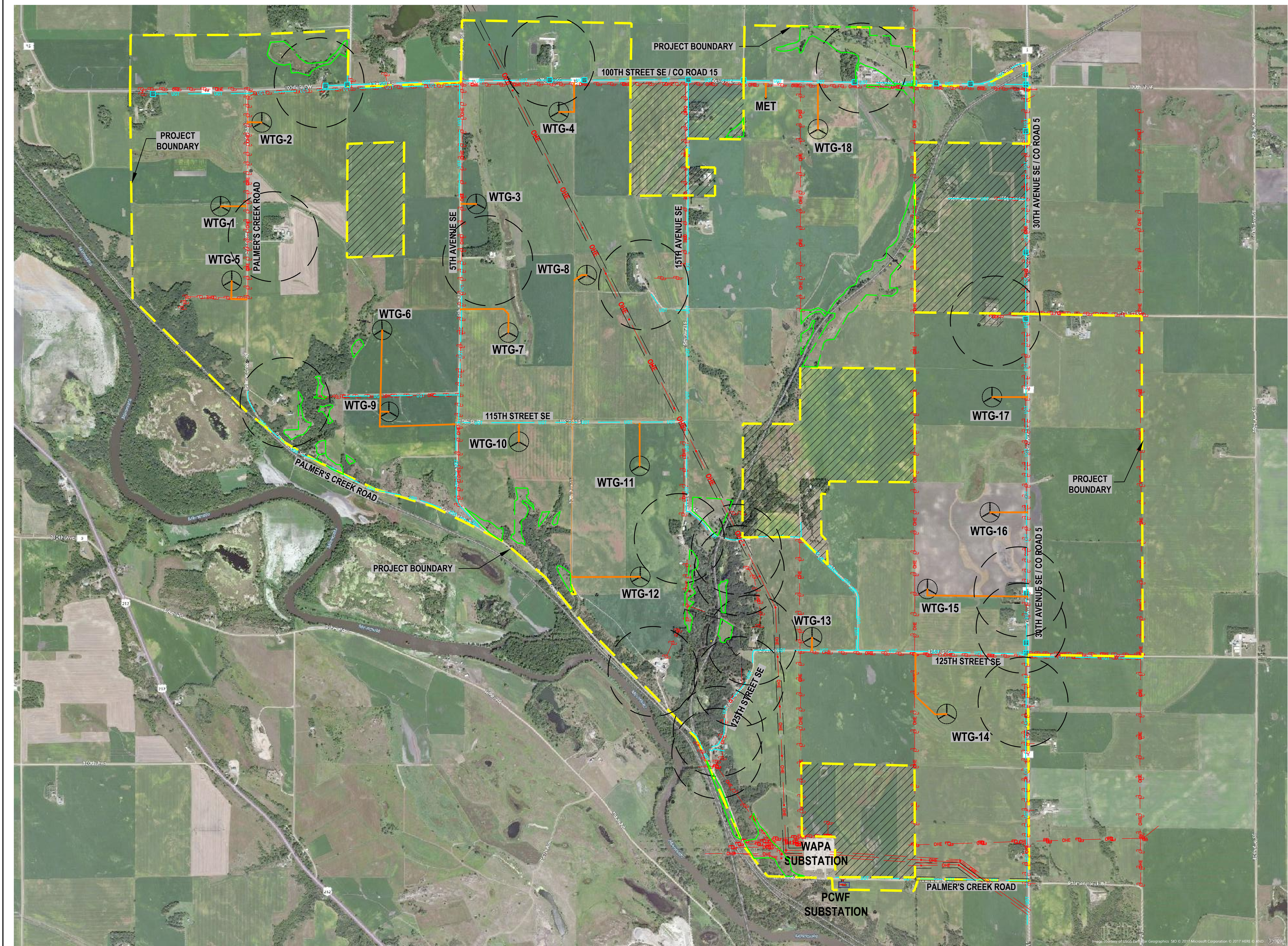
This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK WIND FARM, LLC
 GRANITE FALLS, MINNESOTA

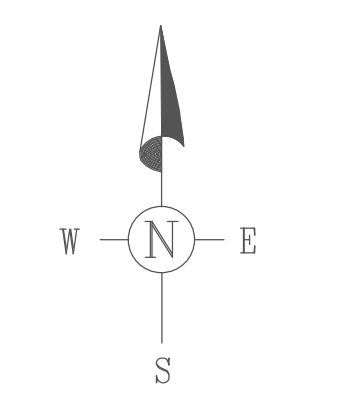
PALMER'S CREEK WIND FARM / PROJECT WIND RIGHTS COVERAGE

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2107
DATE: 01/19/2018	
SCALE: 1" = 1000'	JOB NUMBER
EG2482	REVISION NUMBER

1



NO	REVISION	BY	CHK'D	DATE
1	RELEASED FOR PERMITTING	HEK	THH	01/3/2018
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	FC / RELOCATED WTG-5,9,10&12	HEK	THH	02/23/2018

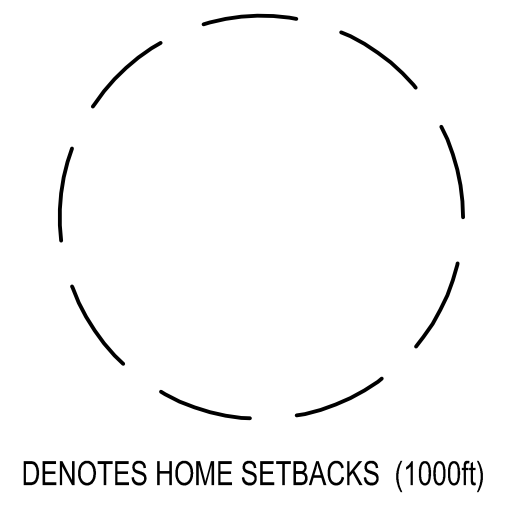
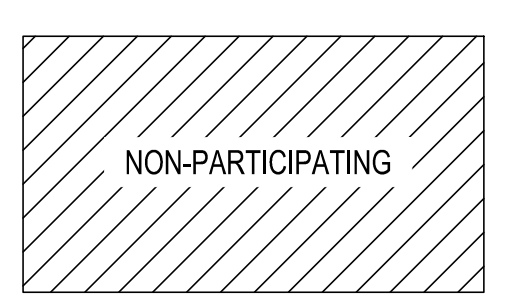


Scale 1" = 1000'

Note: @ Architectural D Size (24"x36")

NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS



The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40988
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

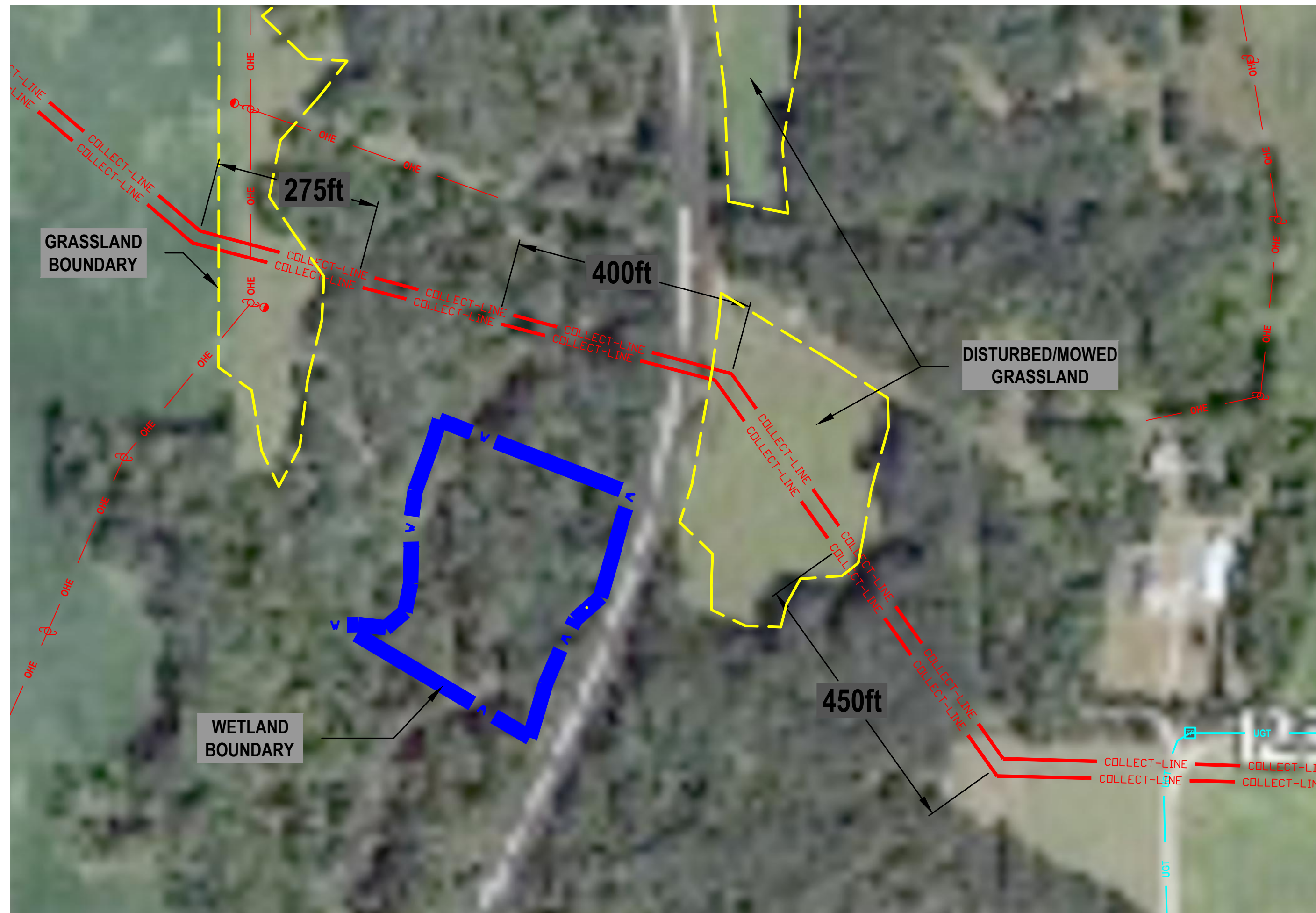
501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

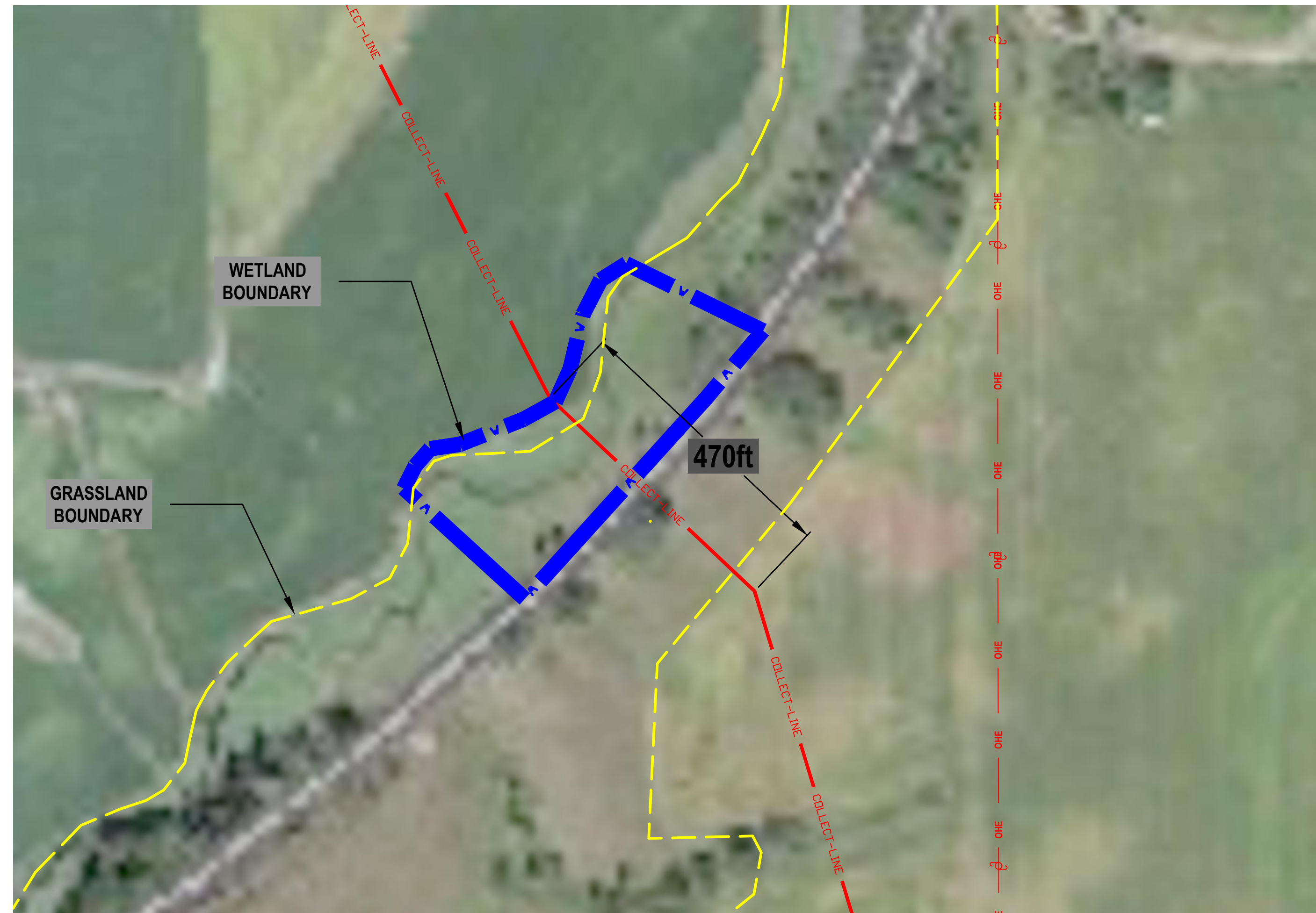
PALMER'S CREEK WIND FARM, LLC
GRANITE FALLS, MINNESOTA

PALMER'S CREEK WIND FARM / HOME SETBACK COMPLIANCES

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2108
DATE: 01/19/2018	
SCALE: 1"=1000'	
JOB NUMBER	
EG2482	REVISION NUMBER 1

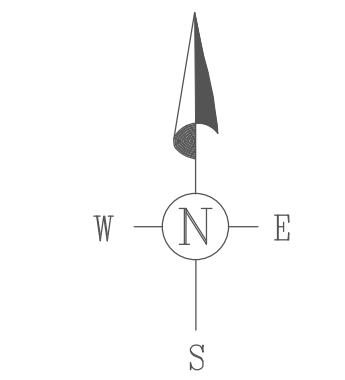


1 COLLECTION LINE BORINGS AT NATIVE PRAIRIE AREA #3 (WIND TURBINE #12 & #13 LINES) SCALE: 1"=150' (D-SIZE SHEET ONLY)



2 COLLECTION LINE BORING AT NATIVE PRAIRIE AREA #2 (WIND TURBINE #17 & #18 LINE) SCALE: 1"=150' (D-SIZE SHEET ONLY)

NO.	REVISION	BY	CHK'D	DATE
1	ISSUED FOR CONSTRUCTION	HEK	THH	02/23/2018



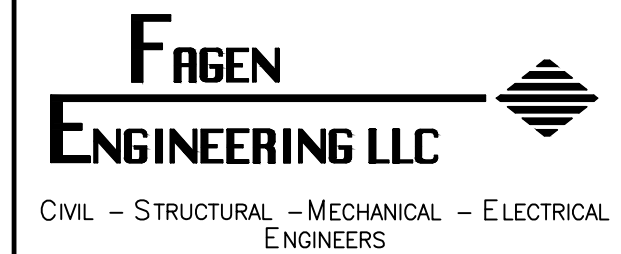
Scale 1"=900'

Note: @ Architectural D Size (24"x36")

NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40288
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.



501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

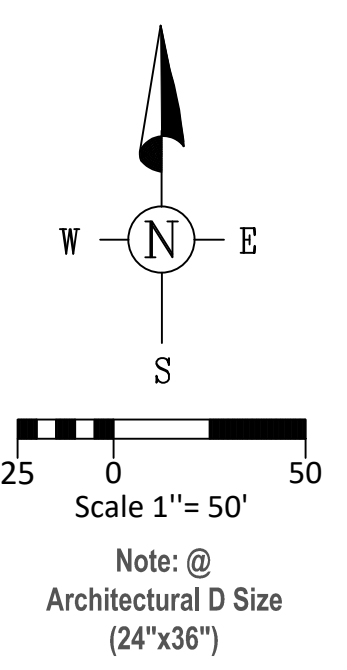
This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK
WIND FARM, LLC
GRANITE FALLS, MINNESOTA

PALMER'S CREEK WIND FARM /
GRASSLAND/NATIVE PRAIRIE AREAS

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2109
DATE: 02/23/2018	
SCALE: 1"=900'	REVISION NUMBER
JOB NUMBER	0
EG2482	

NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	RELOCATED WTG-5 / MOVED APPROX. 260 FT AWAY FROM RIVER	HEK	THH	2/23/2018



NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS

QUANTITIES:
 SILT FENCE - APPROX 2,321 LIN/FT

The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40288
 and is on file at Fagen Engineering LLC
 corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
 CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

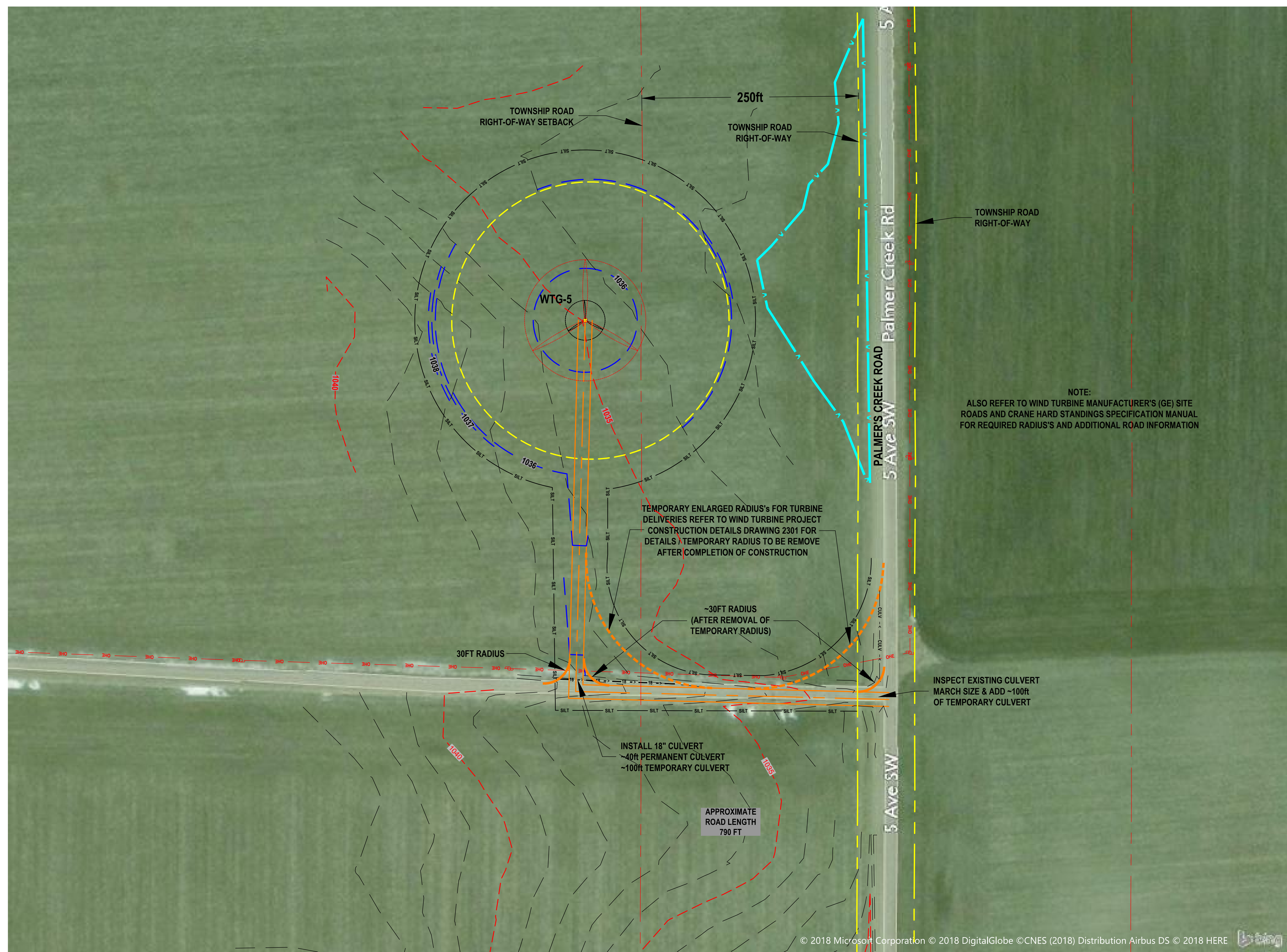
501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

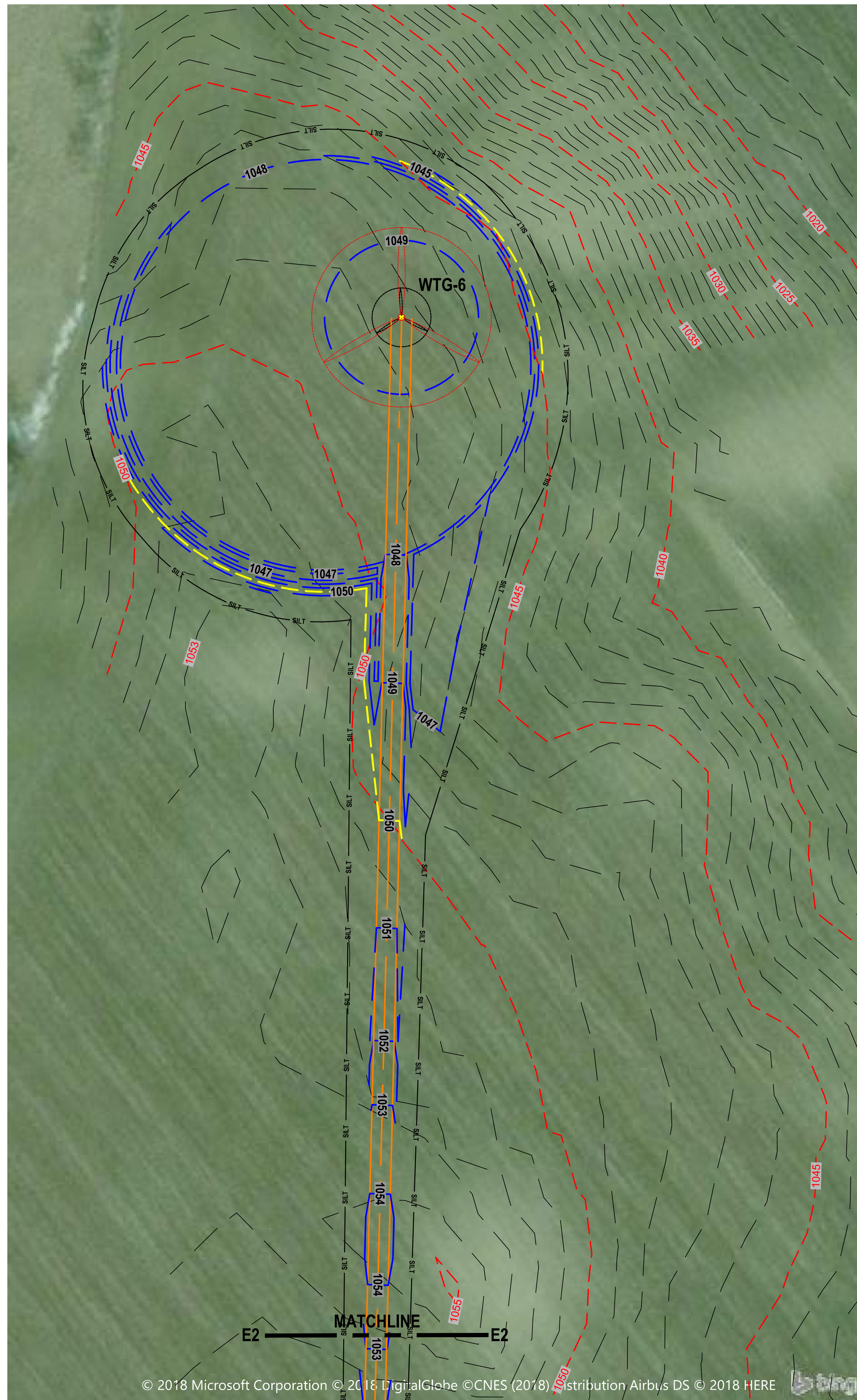
This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK WIND FARM, LLC
 GRANITE FALLS, MINNESOTA

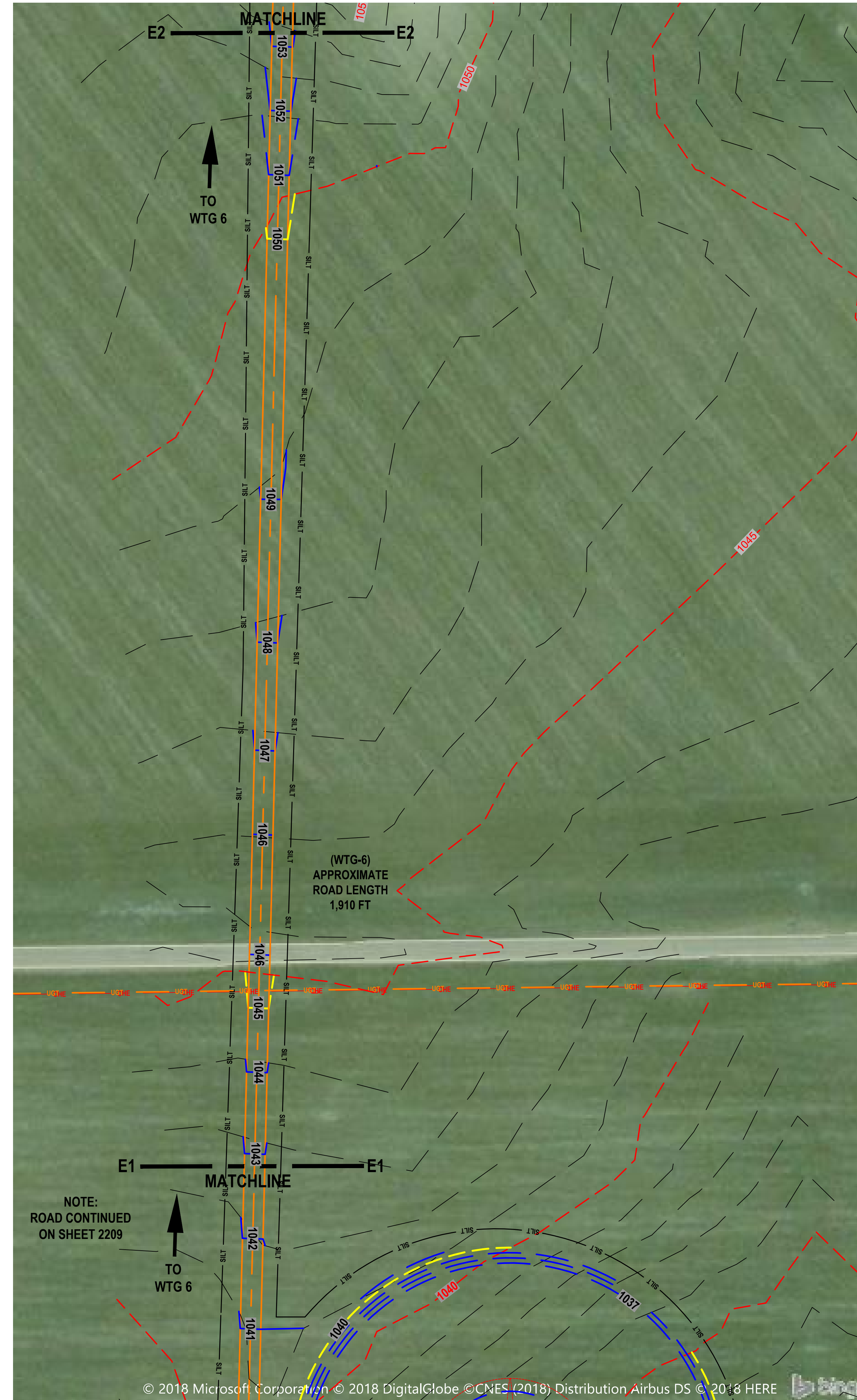
WIND TURBINE GENERATOR #5 & ACCESS ROAD

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2204
DATE: 01/19/2018	
SCALE: 1"=50'	
JOB NUMBER	
EG2482	REVISION NUMBER 1





© 2018 Microsoft Corporation © 2018 DigitalGlobe © CNES (2018) Distribution Airbus DS © 2018 HERE



© 2018 Microsoft Corporation © 2018 DigitalGlobe © CNES (2018) Distribution Airbus DS © 2018 HERE

NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	REALIGNED WTG-6 ACCESS ROAD PER WTG-9 RELOCATION	HEK	THH	02/23/2018

Scale 1" = 50'

Note: @ Architectural D Size (24"x36")

NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS

QUANTITIES:
SILT FENCE - APPROX 4,250 LIN/FT

The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40288
and is on file at Fagen Engineering LLC corporate office in Granite Falls, Minnesota.

PALMER'S CREEK
Wind Farm

FAGEN
ENGINEERING LLC

CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

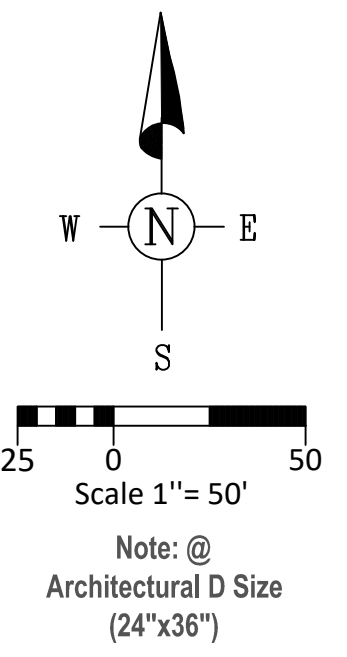
PALMER'S CREEK
WIND FARM, LLC
GRANITE FALLS, MINNESOTA

**WIND TURBINE GENERATOR #6
& ACCESS ROAD**

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2205
DATE: 01/19/2018	
SCALE: 1"=50'	
JOB NUMBER	
EG2482	REVISION NUMBER 1



NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	RELOCATED WTG-9 / MOVED APPROX. 360 FT AWAY FROM RIVER	HEK	THH	02/23/2018

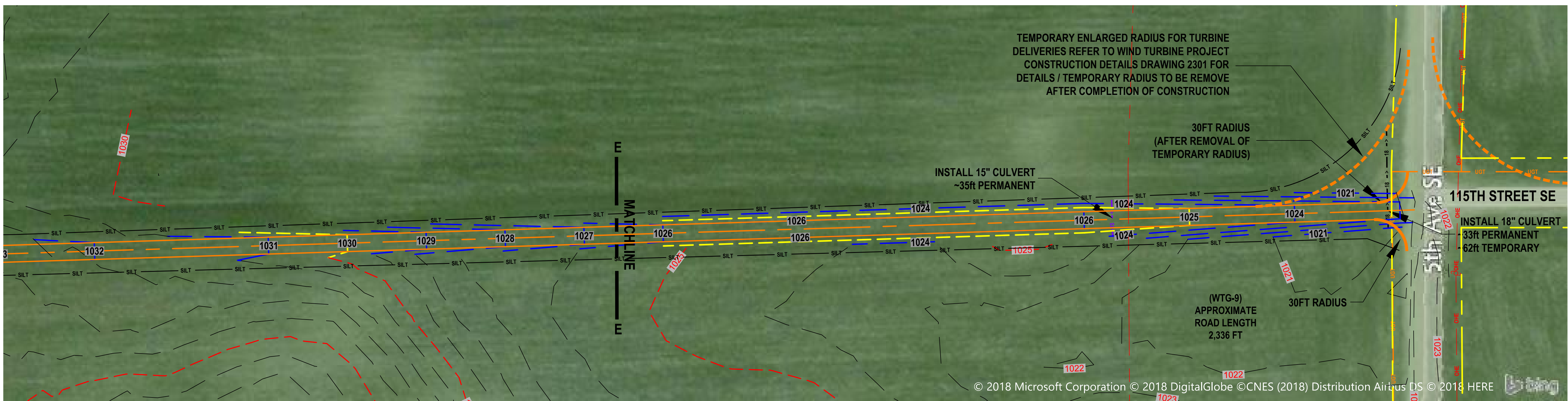


NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS

QUANTITIES:
 SILT FENCE - APPROX 5,320 LIN/FT

© 2018 Microsoft Corporation © 2018 DigitalGlobe ©CNES (2018) Distribution Airbus DS © 2018 HERE



The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC
 corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
 CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

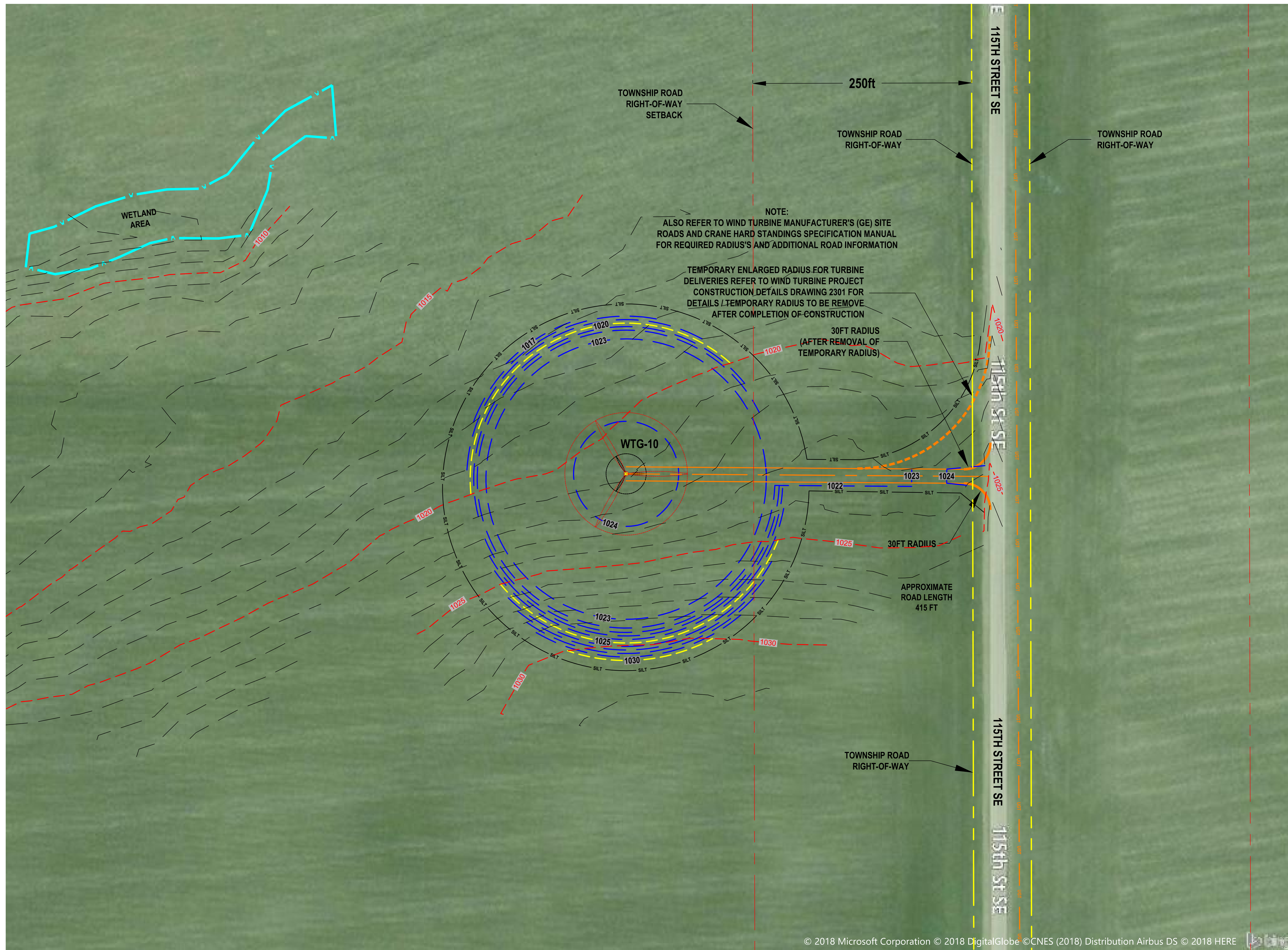
501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

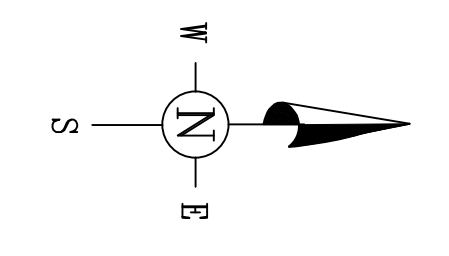
PALMER'S CREEK WIND FARM, LLC
 GRANITE FALLS, MINNESOTA
 WIND TURBINE GENERATOR #9 & ACCESS ROAD

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2209
DATE: 01/19/2018	
SCALE: 1"=50'	REVISION NUMBER
JOB NUMBER	1
EG2482	

© 2018 Microsoft Corporation © 2018 DigitalGlobe ©CNES (2018) Distribution Airbus DS © 2018 HERE



NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	RELOCATED WTG-10 / MOVED APPROX. 300 FT AWAY FROM RIVER	HEK	THH	02/23/2018



Scale 1" = 50'
 Note: @
 Architectural D Size
 (24"x36")

NOTE:
 LOCATIONS OF ITEMS SHOWN:
 PROJECT BOUNDARY /
 EXISTING ROADS (MINNESOTA) /
 STREAMS / PARCELS / ETC. /
 ARE OBTAINED FROM SHAPE FILES (SHP)
 (PROVIDED BY BONNEMA SURVEYING)

NOTE:
 BACKGROUND REFERENCE IMAGES SHOWN /
 OBTAINED FROM EARTHSTAR GEOGRAPHICS

QUANTITIES:
 SILT FENCE - APPROX 1,760 LIN/FT

The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC
 corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
 CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK
 WIND FARM, LLC
 GRANITE FALLS, MINNESOTA

WIND TURBINE GENERATOR #10
 & ACCESS ROAD

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2210
DATE: 01/19/2018	
SCALE: 1"=50'	REVISION NUMBER
JOB NUMBER	1
EG2482	

NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	RELOCATED WTG-12 / MOVED APPROX. 280 FT AWAY FROM RIVER	HEK	THH	02/23/2018

Scale 1" = 50'

Note: @ Architectural D Size (24"x36")

NOTE: LOCATIONS OF ITEMS SHOWN: PROJECT BOUNDARY / EXISTING ROADS (MINNESOTA) / STREAMS / PARCELS / ETC. / ARE OBTAINED FROM SHAPE FILES (SHP) (PROVIDED BY BONNEMA SURVEYING)

NOTE: BACKGROUND REFERENCE IMAGES SHOWN / OBTAINED FROM EARTHSTAR GEOGRAPHICS

The original of this drawing was issued and sealed by TODD H. HAY
 Date: 02/23/2018 Registration No.: 40988
 and is on file at Fagen Engineering LLC corporate office in Granite Falls, Minnesota.

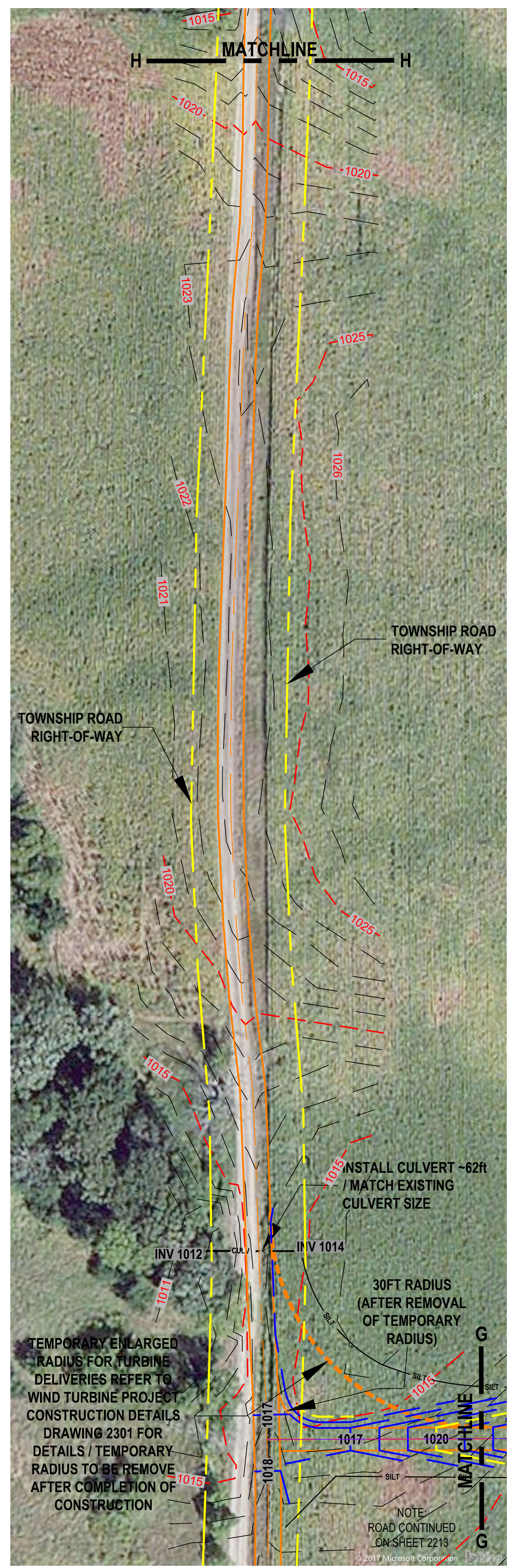
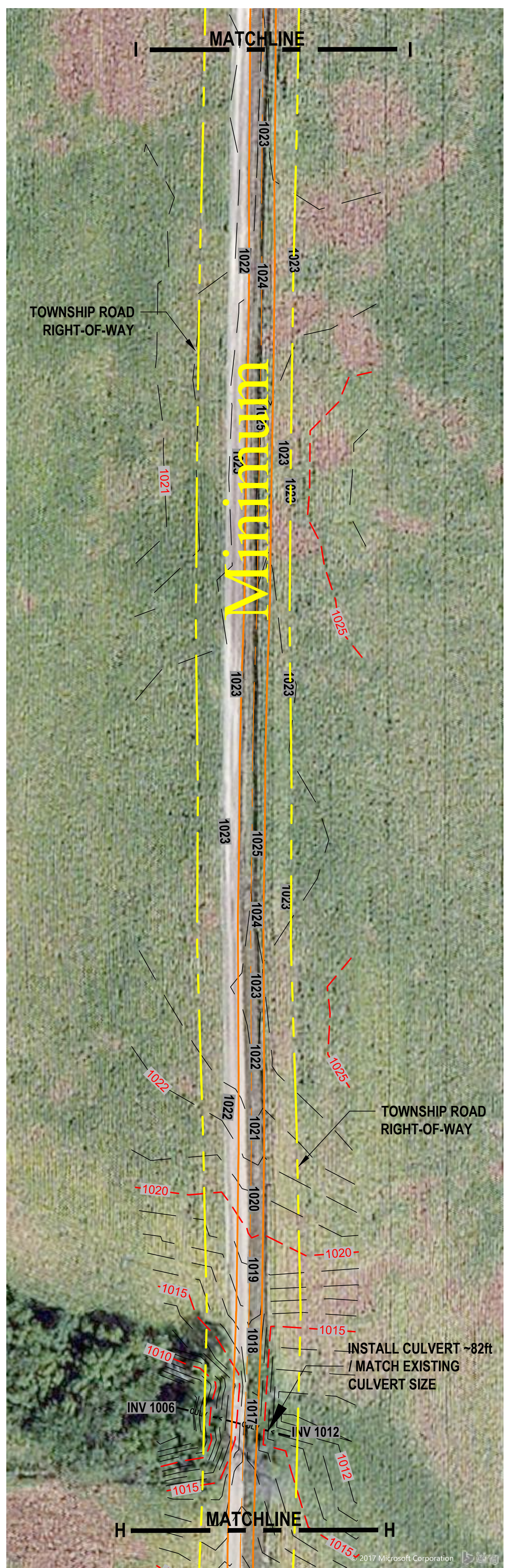
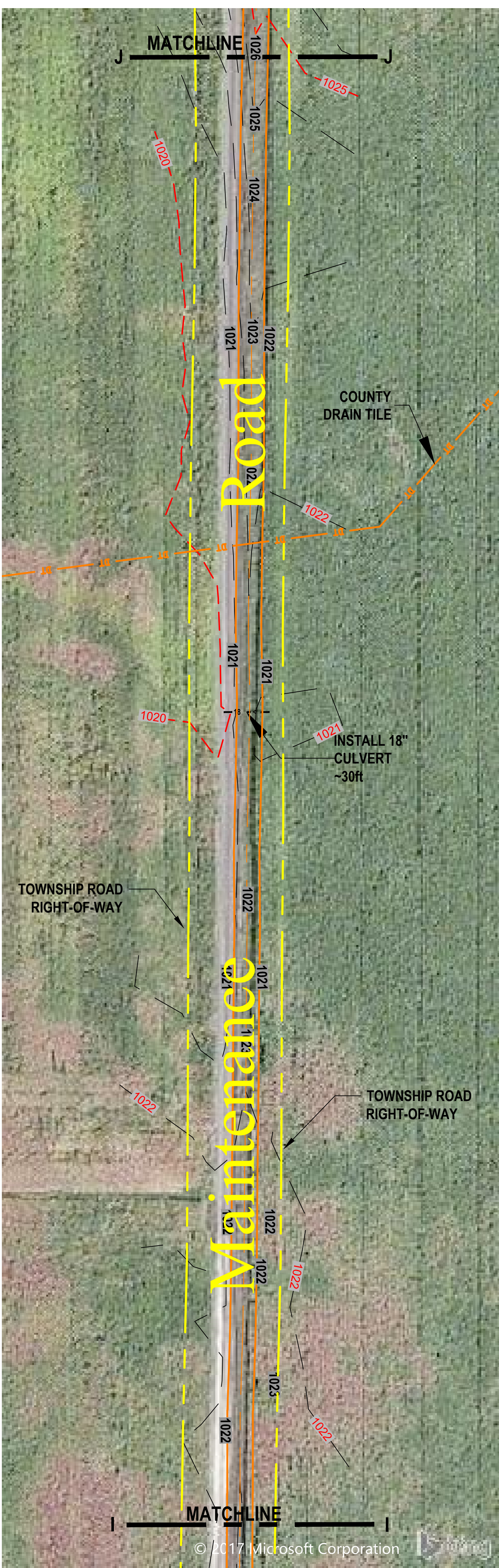
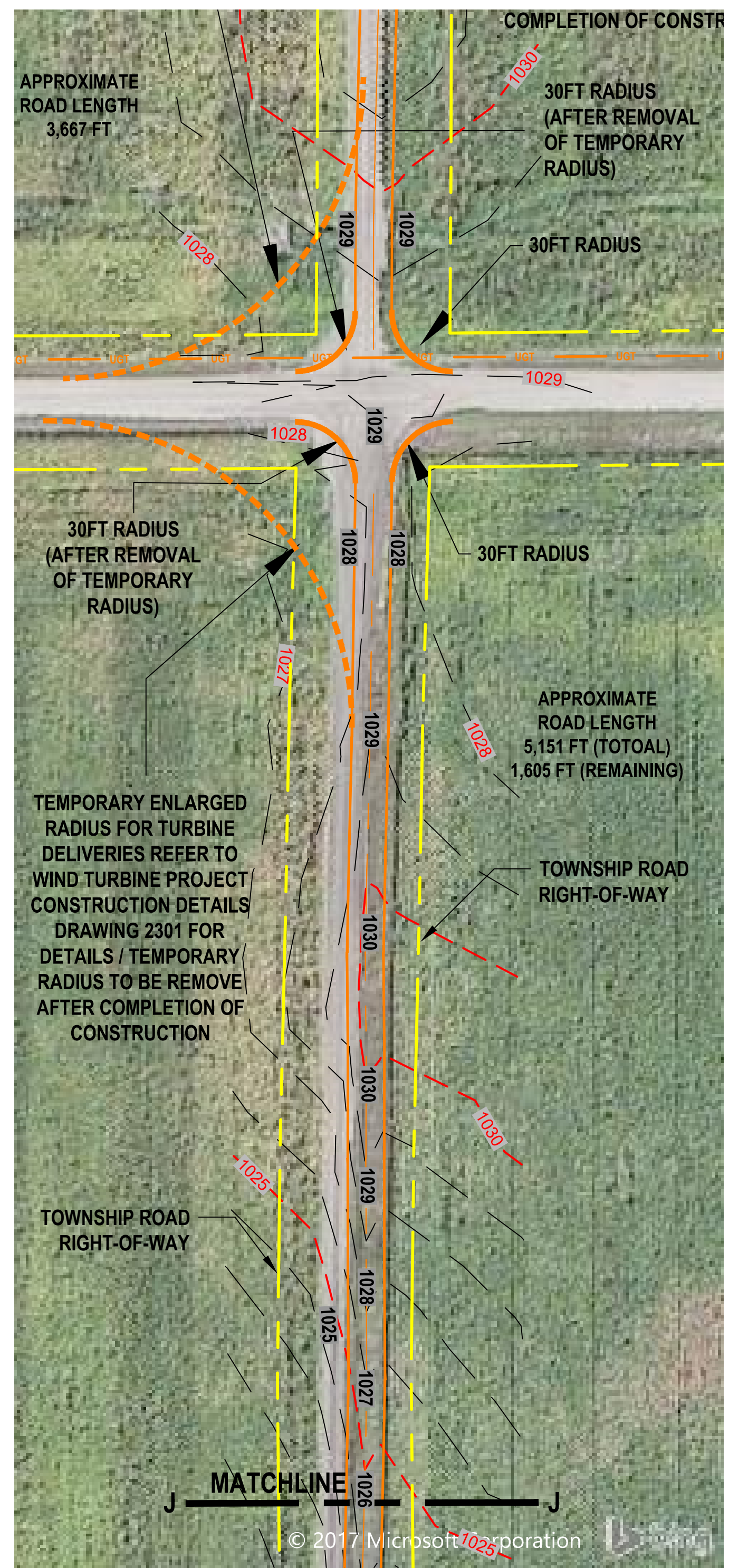
FAGEN ENGINEERING LLC
 CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS
 501 HWY. 212 W., GRANITE FALLS, MN. 56241
 Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

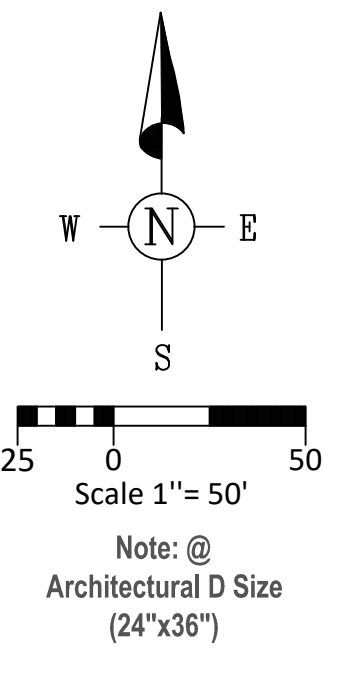
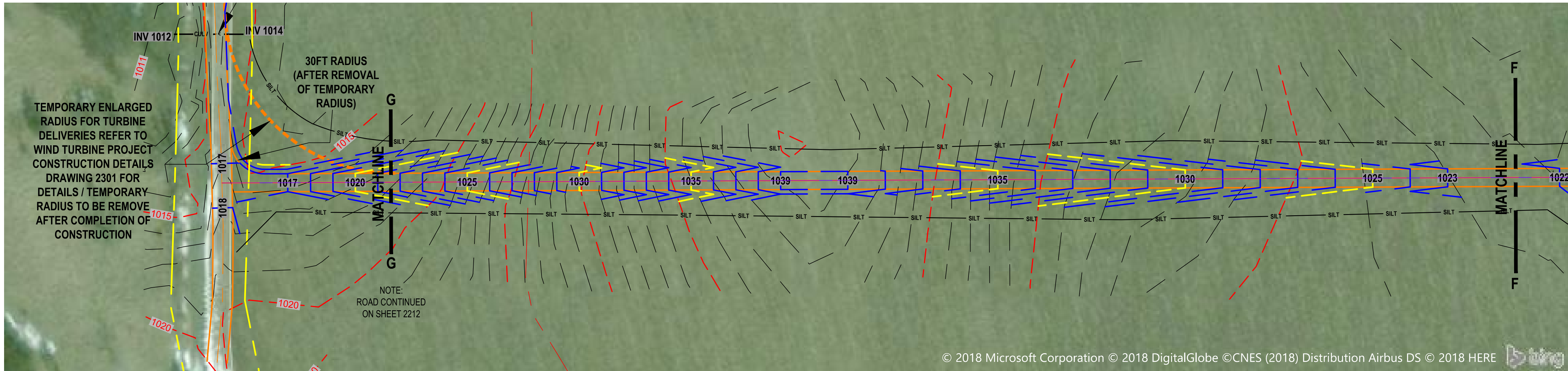
PALMER'S CREEK WIND FARM, LLC
 GRANITE FALLS, MINNESOTA

TOWNSHIP ROAD UPGRADE TO WIND TURBINE GENERATOR #12

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2212
DATE: 01/19/2018	
SCALE: 1"=50'	
JOB NUMBER	
EG2482	REVISION NUMBER 1



NO.	REVISION	BY	CHK'D	DATE
1	RELEASED FOR FINAL REVIEW	HEK	THH	09/15/2017
2	ISSUED FOR CONSTRUCTION	HEK	THH	01/19/2018
3	RELOCATED WTG-12 / MOVED APPROX. 280 FT AWAY FROM RIVER	HEK	THH	02/23/2018



NOTE:
LOCATIONS OF ITEMS SHOWN:
PROJECT BOUNDARY /
EXISTING ROADS (MINNESOTA) /
STREAMS / PARCELS / ETC. /
ARE OBTAINED FROM SHAPE FILES (SHP)
(PROVIDED BY BONNEMA SURVEYING)

NOTE:
BACKGROUND REFERENCE IMAGES SHOWN /
OBTAINED FROM EARTHSTAR GEOGRAPHICS

QUANTITIES:
SILT FENCE - APPROX 3,995 LIN/FT

The original of this drawing was issued and sealed by TODD H. HAY
Date: 02/23/2018 Registration No.: 40988
and is on file at Fagen Engineering LLC
corporate office in Granite Falls, Minnesota.



FAGEN ENGINEERING LLC
CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL ENGINEERS

501 HWY. 212 W., GRANITE FALLS, MN. 56241
Granite Falls, MN 56241 Tel. 320-564-4573

This drawing was prepared for use on a specific site and is not suitable for use on different project sites or at a later time. All rights are reserved, no design or plan shall be used or reproduced in any form without the written permission from Fagen Engineering LLC. © Copyright

PALMER'S CREEK WIND FARM, LLC
GRANITE FALLS, MINNESOTA

WIND TURBINE GENERATOR #12 & ACCESS ROAD

DRAWN: HEK	SHEET NUMBER
CHK'D: THH	2213
DATE: 01/19/2018	
SCALE: 1"=50'	REVISION NUMBER
JOB NUMBER	1
EG2482	

