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P.O. Box 2747  
Fargo, North Dakota 58102  
(701) 241-8632  
[dave.sederquist@xcelenergy.com](mailto:dave.sederquist@xcelenergy.com)

November 5, 2021

—VIA EMAIL & U.S. MAIL—

Mr. Steven M. Kahl, Executive Director  
North Dakota Public Service Commission  
State Capitol Building, Dept. 408  
600 East Boulevard  
Bismarck, ND 58505-0480

RE: AIRCRAFT DETECTION LIGHTING SYSTEM – BORDER WINDS FACILITY  
CASE NO. PU-17-362

Dear Mr. Kahl:

Northern States Power Company, a Minnesota Corporation, doing business in North Dakota as Xcel Energy, respectfully submits the attached siting Certification (and map) relating to the installation of an Aircraft Detection Lighting System (ADLS) at its Border Winds generating facility.

Please contact me if you have any further questions about this information or the project. Thank you.

Sincerely,

A handwritten signature in blue ink that reads 'David H. Sederquist'.

DAVID H. SEDERQUIST  
SR. CONSULTANT, REGULATION & FINANCE

cc: Mr. Patrick Fahn



Lighting System (ADLS), which is a radar-based system that automatically activates obstruction lighting on wind turbines upon detection of aircraft approaching within defined parameters, and by installing ADLS lighting on wind turbines that currently have traditional Federal Aviation Administration (FAA) lights installed.

8. Construction to install the ADLS is required in order to comply with the requirements of N.D.C.C. § 49-22-16.4(3) and N.D. Admin. Code § 69-06-11-02(2). Improvements necessary for ADLS installation will be located as depicted on the map attached to this Certification labeled Attachment A.
9. In accordance with N.D.C.C. § 49-22-03(3)(a), Xcel Energy certifies as follows:
  - a. The installation of an ADLS is an improvement to the Border Winds facility.
  - b. The activities required to install the ADLS will be conducted wholly within the geographic location for which a Certificate of Site Compatibility was previously obtained.
  - c. The construction activities are for the installation of ADLS and will include the installation of one ADLS radar tower.
  - d. ADLS installation and associated construction activities will occur in areas within the Border Winds facility site for which an environmental analysis has been conducted. ADLS construction locations were evaluated relative to the Exclusion and Avoidance Areas set forth in N.D. Admin. Code § 69-06-08-01. This evaluation determined that the ADLS will not permanently or temporarily affect any known Exclusion or Avoidance Areas.
10. In accordance with N.D.C.C. § 49-22-17, Xcel Energy further certifies that the Border Winds facility site continues to meet the conditions upon which the Certificate of Site Compatibility was issued.
11. Xcel Energy will continue to comply with all applicable conditions and protections in siting laws and rules and Commission Orders previously issued for the Border Winds facility.
12. Xcel Energy intends to begin construction to install the ADLS on or after November 8, 2021. Assuming construction progresses as expected, Xcel Energy anticipates the ADLS being fully installed and activated by December 31, 2021.



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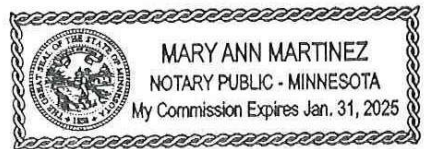
Christopher B. Clark  
President, NSPM  
Xcel Energy

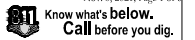
STATE OF MINNESOTA )  
 ) ss.  
COUNTY OF HENNEPIN )

On this 4 day of November, 2021, before me personally appeared Christopher B. Clark, known to me to be the President, NSPM and representative of Xcel Energy, that is described within and executed, acknowledged, and affirmed to me that such company executed the same.

January 31, 2025  
Expiration of Commission

  
Notary Public



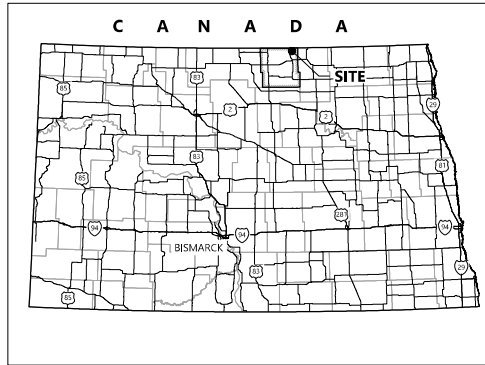


# Border Winds Radar Tower

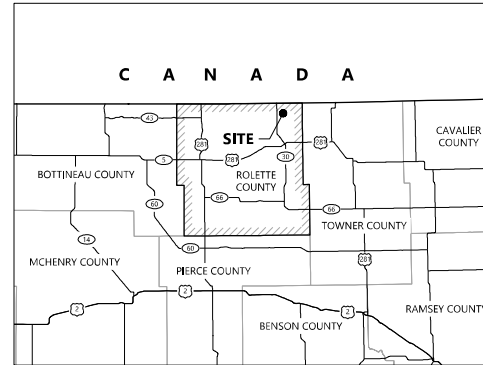
## Rolette County, ND

### Civil Construction Plans

REGIONAL MAP



VICINITY MAP



DATA SET INFORMATION			
BASE FILE	FILE NAME/NOTES	PROVIDER	DATE
ALTA SURVEY	ALTA SURVEY	WESTWOOD	09/27/2016
TOPOGRAPHY	USGS 3DEP NATIONAL MAP	USGS	06/17/2021
RADAR LOCATION	New ADS1 Location.kmz	WANZEK	10/28/2021
ELECTRICAL ROUTING	Xcel Energy Border WF Site Mock-Up.kmz	WANZEK	11/03/2021

CONTACT INFORMATION			
PROJECT ROLE	CONTACT NAME	COMPANY	PHONE
PROJECT MANAGER & ESTIMATOR	ERIC SWENDESEN	WANZEK	701-566-1913
SENIOR PROJECT MANAGER	DANIELLE NYGREN	WESTWOOD	952-906-7493

Sheet List Table	
SHEET NUMBER	SHEET TITLE
1	COVER
2	CONSTRUCTION NOTES
3	CONSTRUCTION DETAILS
4	CONSTRUCTION DETAILS-2
5	CONSTRUCTION DETAILS-3
6	SITE PLAN



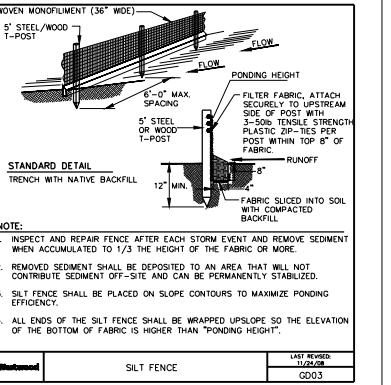
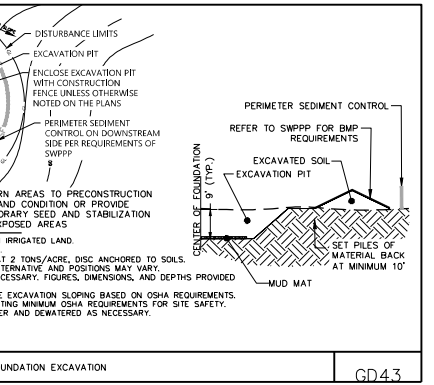
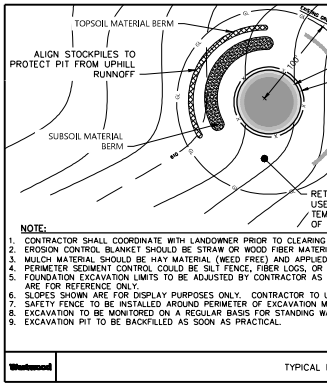
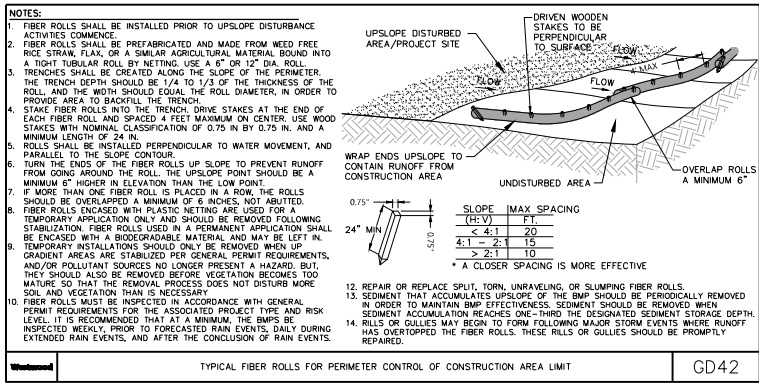
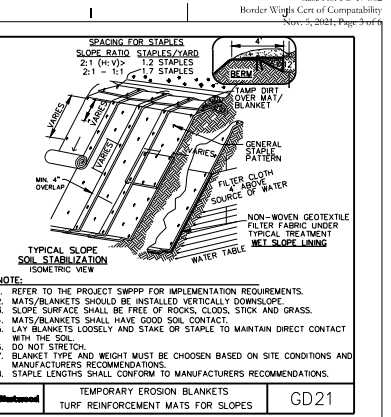
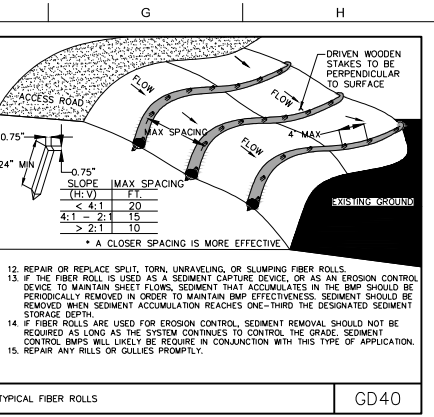
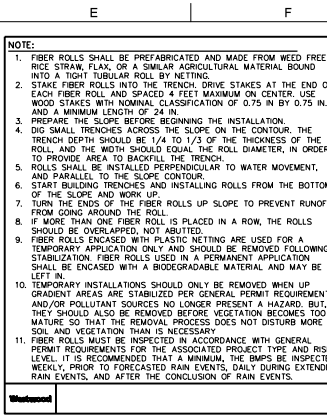
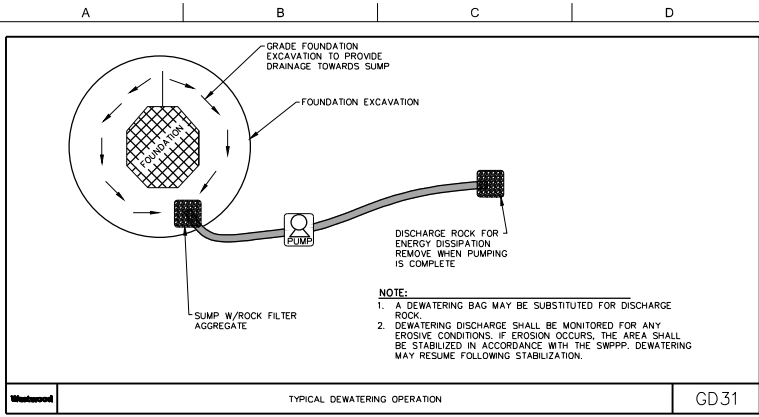
Phone: (719) 511-8200 (770) Church Branch Way, Suite #201  
 (480) 501-1150 Westwood, CO 80521  
[www.westwood.com](http://www.westwood.com)  
 Westwood Professional Services, Inc.

NO	REVISION	ZONE	DATE	BY	CHK	ENG	NO	REVISION	ZONE	DATE	BY	CHK	ENG	REFERENCE DRAWINGS			 NORTHERN STATES POWER COMPANY BORDER WINDS RADAR TOWER <small>Rolette County, ND</small>	THIS MAP/DRAWING IS A TOOL TO ASSIST EMPLOYEES IN THE PERFORMANCE OF THEIR JOBS. YOUR PERSONAL SAFETY IS PROVIDED FOR BY USING SAFETY PRACTICES, PROCEDURES, AND EQUIPMENT AS DESCRIBED IN THE SAFETY TRAINING PROGRAMS AND MANUALS.	UNIT - 0 CIVIL ACCESS ROADS COVER	23132- 1	REV B
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B	ISSUED FOR PERMIT		11/03/2021	ZHW	D.J.N	D.J.N															

DWN: ZHW	DATE: 11/03/21	CHK:	DATE:
ENG: D.J.N	DATE: 11/03/21	CHK:	DATE:
PM: D.J.N	DATE: 11/03/21	PROJ. NO.: 0032846.00	
APVD:	DATE:	SCALE: NONE	

ENERGY SUPPLY  
 ENGINEERING & CONSTRUCTION





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B	ISSUED FOR PERMIT		11/03/2021	ZHW	DJN	DJN									

**Xcel Energy**  
 NORTHERN STATES POWER COMPANY  
**BORDER WINDS RADAR TOWER**

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 PM: DJN DATE: 11/03/21 PROJ. NO.: 0032845.00  
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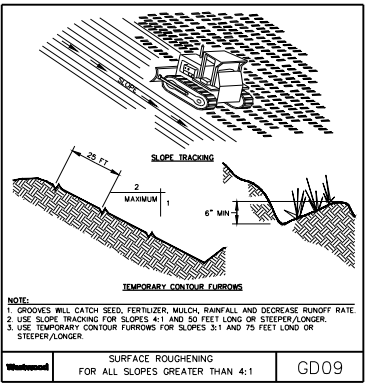
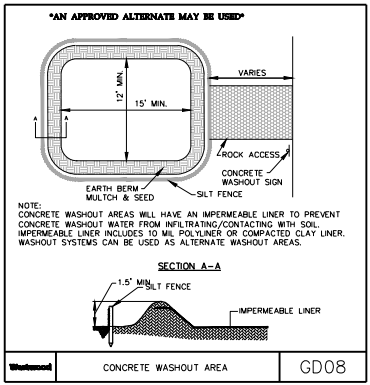
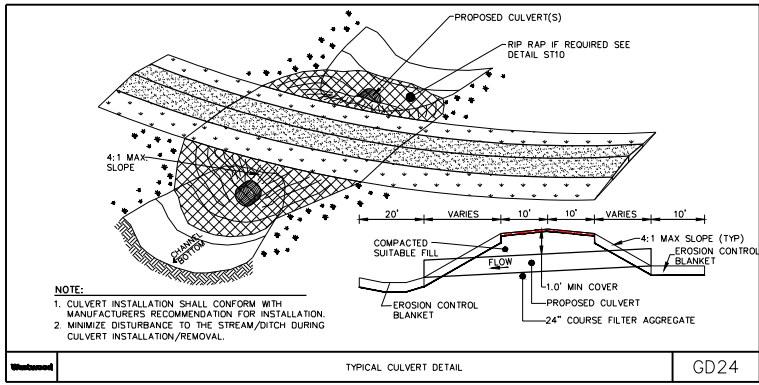
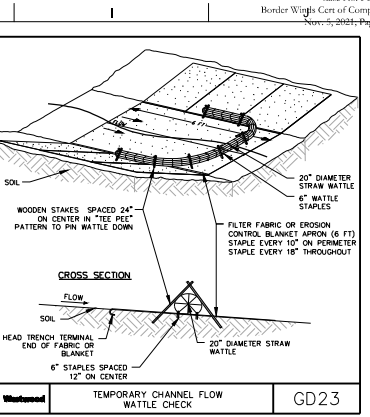
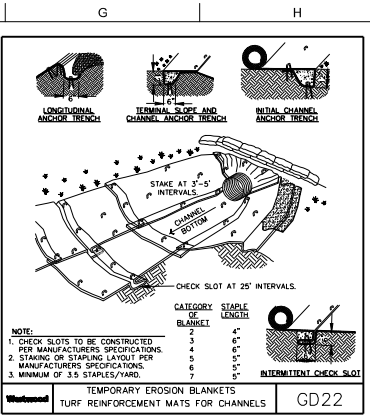
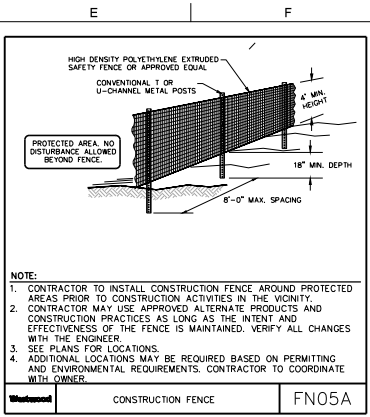
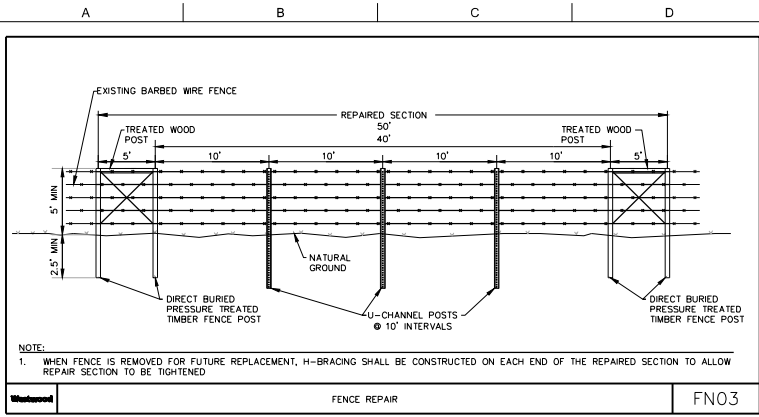
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**CIVIL ACCESS ROADS**  
**CONSTRUCTION DETAILS**

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23132- 3

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**Westwood**  
 Professional Services, Inc.  
 Phone: (703) 314-8300 1770 Church Branch Way, Suite #201  
 (408) 551-1150 Westwood, CA 90024  
 www.westwood.com



NO	REVISION	ZONE	DATE	BY	CHK	ENG	NO	REVISION	ZONE	DATE	BY	CHK	ENG	REFERENCE DRAWINGS
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B	ISSUED FOR PERMIT		11/03/2021	ZHW	D.J.N	D.J.N								

**Xcel Energy**  
 NORTHERN STATES POWER COMPANY  
 BORDER WINDS RADAR TOWER  
 14400 S.W. 100th Ave., Suite 400  
 Overland Park, KS 66204  
 Phone: (781) 314-8300 | 1770 Church Road, Way, Suite #201  
 (48) from 688) 551-1150 | Westminster, CO 80037  
 www.xcel.com

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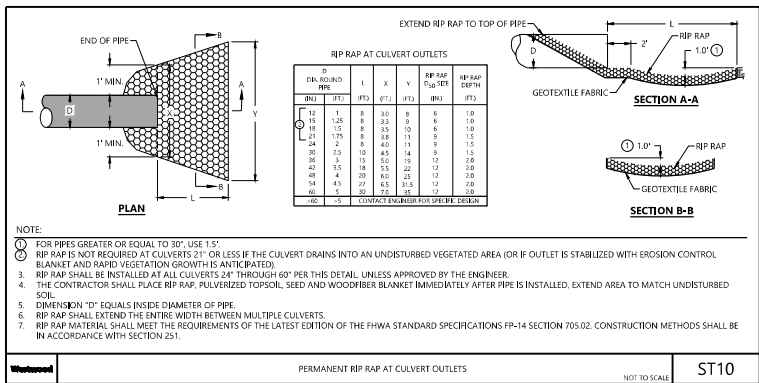
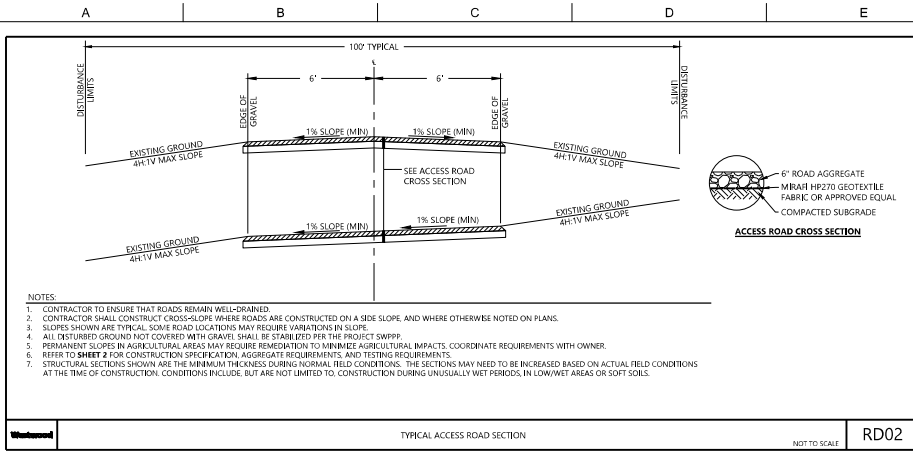
ENERGY SUPPLY ENGINEERING & CONSTRUCTION

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UNIT - 0  
 CIVIL ACCESS ROADS  
 CONSTRUCTION DETAILS

23132- 4

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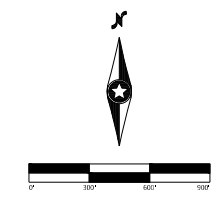
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APVD:	DATE:	SCALE:	NONE

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- LEGEND:**
- PROPOSED RADAR
  - PROPOSED ACCESS ROAD
  - PROPOSED CONCRETE PAD
  - DISTURBANCE LIMITS
  - PROPOSED SILT FENCE
  - PROPOSED COLLECTION LINE\*
  - EXISTING TURBINE ACCESS ROAD
  - EXISTING 10' CONTOURS
  - EXISTING 2' CONTOURS
  - SECTION LINES
  - RIGHT-OF-WAY LINES
  - WETLANDS
  - EXISTING TURBINE LOCATION
  - T-XX** EXISTING TURBINE NUMBER



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NORTHERN STATES POWER COMPANY BORDER WINDS RADAR TOWER							
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