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SIOUX FALLS, SD 57104
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RAPID CITY, SD 57701-3301
605-342-2592
FAX 605-342-5185

REPLY TO: Sioux Falls 605-332-5999

From the office of Miles F. Schumacher
e-mail address: mschumacher@lynnjackson.com

August 21, 2019

Via Electronic Filing

Ms. Patricia Van Gerpen
Executive Director
South Dakota Public Utilities Commission
500 East Capitol Avenue
Pierre, SD 57501

Re: Docket #EL19-003; Application to the SD PUC for a Facility Permit to Construct
A 300 megawatt Wind Facility

Dear Ms. Van Gerpen:

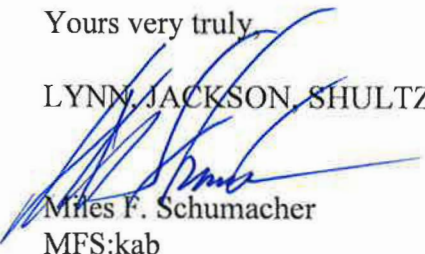
In accordance with paragraph 14 of the Permit Conditions included as part of the July 26, 2019,
Final Decision and Order Granting Permit to Construct Facility, Crowned Ridge Wind LLC
(Crowned Ridge) submits the following documents:

1. Storm Water Pollution Prevention Plans;
2. Department of Environment and Natural Resources Approval;
3. DENR Notice of Intent; and
4. A corresponding Certificate of Service.

If you have any questions, please contact me.

Yours very truly,

LYNN JACKSON, SHULTZ & LEBRUN, P.C.


Miles F. Schumacher
MFS:kab
Enclosures



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

NOTICE OF INTENT (NOI)

to Obtain Coverage Under the SWD General Permit for
Stormwater Discharges Associated with Construction Activities

Submit form to: SD Department of Environment and Natural Resources
Surface Water Quality Program
523 East Capitol Avenue
Pierre, South Dakota 57501
stormwater@state.sd.us
Telephone: 1-800-SDSTORM

ALL QUESTIONS MUST BE ANSWERED COMPLETELY FOR THIS FORM TO BE VALID

I. Site Owner Contact Information:

Company Name: NextEra Energy
Primary Contact Person: Sean Harrington
Mailing Address: 700 Universe Blvd
City: Juno Beach State: FL Zip Code: 33408
Phone Number: 305-342-0468 Email Address: seanharrington@nexteraenergy.com
Type of Ownership: ☒ Private ☐ Federal ☐ State ☐ Other (Municipal, County, etc.)
(any type not listed previously)

II. Contractor Information:

Will any contractors be responsible for erosion and sediment control practices: ☒ Yes ☐ No
(A contractor certification form must be submitted for each contractor that will have day to day responsibility for erosion and sediment control practices. If these contractors have not been identified at the time this NOI is submitted, the contractor certification form may be submitted after they have been identified, but before they begin construction work.)

III. Engineering Firm Contact Information (if applicable):

Contact Person: Elizabeth Hunter, PE, AICP
Contact's Email Address: ehunter@snyder-associates.com

IV. Construction Project Information:

Project Name: Crowned Ridge I Wind Project
Physical Project Address or Description of Construction Site Location: 16138 464th Ave (mailing address)
City: South Shore State: SD Zip Code: 57263
On-Site Contact Person: Connie Rausch
Contact's Email Address: connie.rausch@nee.com
Contact's Mailing Address: 1014 14th Street S.E.
City: Watertown State: SD Zip Code: 57201
Phone Number: 512-971-5450 County of Construction Site: Codington & Grant
Latitude: 45D2'57.07" Longitude: 96D55'2.18" Source (GPS, Google, etc.): Google Earth Pro
Quarter(s): NW1/4 to NE1/4 Section(s): 2 to 24 Township(s): 118N to 121N Range(s): 51W to 47W

FOR DENR USE ONLY

Permit Number: _____ Date Approved: _____ Approved by: _____

Construction Project Information (Continued):

Is this project on Tribal Lands? ☐ Yes ☒ No

Total area disturbed by the project (in acres): 2365

Will this project encroach, damage, or destroy one of the historic sites identified at the following websites:

<https://www.nps.gov/subjects/nationalhistoriclandmarks/list-of-nhls-by-state.htm> ☐ Yes ☒ No

<http://history.sd.gov/Preservation/nationalregisterofhistoricplaces.aspx> ☐ Yes ☒ No

V. Stormwater Pollution Prevent Plan (SWPPP):

Has the SWPPP been developed as required? ☒ Yes ☐ No

(The plan must be developed before the NOI is submitted. DENR will not issue coverage before this has been developed.)

VI. Receiving Waters:

Please list all possible waters that may receive a discharge from this site. If discharging to a Municipal Storm Sewer System, indicate which municipality and the ultimate receiving water.

unnamed tributaries South Fork Whetstone & North Fork Yellow Bank Rivers, Punished Women's & Crooked Lakes, Soo, Mahoney, Mud & Willow Creeks

VII. Nature of Discharge:

Please include a brief description of the construction project:

Installation of 145 wind turbines with related access roads & collection lines, laydown area, O&M area, substation & batch plant.

Will construction dewatering be required? ☐ Yes ☒ No If yes, please complete section IX also.

VIII. Construction Dates:

Project Start Date (MM/DD/YYYY): 8/9/19

Estimated Completion Date (MM/DD/YYYY): 8/9/20

IX. Dewatering Activities (Complete this section if you answered yes in VII):

Date dewatering will commence (MM/DD/YYYY): _____

Date dewatering will end (MM/DD/YYYY): _____

Total volume of dewatering (gallons): _____ Average flow rate (gallons per minute): _____

Source of water to be discharged: _____

Receiving water: _____

Brief description of water treatment processes to be employed, if any: _____

Will the dewatering discharge contain anything other than uncontaminated groundwater and stormwater: ☐ Yes ☐ No

NOTE: If there will be dewatering activities, please place points of withdrawal and discharge on a topographic map, or other map if a topographic map is unavailable. This map should extend to one (1) square mile beyond the property boundaries of the facility and each of its discharge facilities, and those wells, springs, and other surface water bodies, drinking water wells, and surface water intake structures listed in public records, or otherwise known to the applicant in the map area.

X. Other Information

List other information you feel should be brought to the attention of the SDDENR regarding coverage under this general permit. Attach additional sheets if necessary.

This project entails the installation 145 wind turbines with access roads & collection lines.

BEFORE THE SECRETARY OF

APPLICANT

Page 1 of 2
021028

consideration of the application may be suspended and the application may be rejected as provided for under this section.

Applications rejected pursuant to this section constitute final agency action upon that application and may be appealed to circuit court as provided for under chapter 1-26."

I certify pursuant to 1-40-27, that as an applicant, officer, director, partner, or resident general manager of the activity or facility for which the application has been made that I; a) have not intentionally misrepresented a material fact in applying for a permit; b) have not been convicted of a felony or other crime of moral turpitude; c) have not habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage; (d) have not had any permit revoked under the environmental laws of any state or the United States; or e) have not otherwise demonstrated through clear and convincing evidence of previous actions that I lack the necessary good character and competency to reliably carry out the obligations imposed by law upon me. I also certify that this application does not substantially duplicate an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Further;

"I declare and affirm under the penalties of perjury that this claim (petition, application, information) has been examined by me, and to the best of my knowledge and belief, is in all things true and correct."

Dated this 9 day of August, 2019.

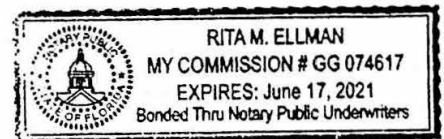
SEAN HARRINGTON
Applicant (print)

[Signature]
Applicant (signature)

Subscribed and sworn before me this 9th day of August, 2019.

[Signature]
Notary Public (signature)

My commission expires: 6/17/21



(SEAL)

**PLEASE ATTACH ANY ADDITIONAL INFORMATION NECESSARY TO DISCLOSE
ALL FACTS AND DOCUMENTS PERTAINING TO
SDCL 1-40-27 (1) (a) THROUGH (e).
ALL VIOLATIONS MUST BE DISCLOSED, BUT WILL NOT
AUTOMATICALLY RESULT IN THE REJECTION OF AN APPLICATION**



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.denr.sd.gov

August 15, 2019

Sean Harrington
NextEra
700 Universe Blvd
Juno Beach, FL 33408

Dear Sean Harrington:

Thank you for submitting your Notice of Intent for the South Dakota General Permit for Stormwater Discharges Associated with Construction Activities. This letter grants you coverage under this general permit for the project listed below in Codington/Grant County, SD. This coverage does not relieve you from complying with other state and local requirements or from obtaining other required permits. **All contractors who will be doing dirt work or who will be responsible for implementing sediment and erosion controls must submit a Contractor Authorization form identifying the contractor.** The contractor will then be considered a co-permittee and will also be responsible for complying with the general permit.

You must maintain your site in compliance with the permit conditions. Refer to Section 3.0 for effluent limits and Section 4.0 for Stormwater Pollution Prevention Plan requirements. Your project's Permit Number is **SDR10J576**. Please refer to this number in all future correspondence.

Project Information (Please check to be certain this information is correct):

Connie Rausch – Project Site Contact Person
Crowned Ridge I Wind Project (PCN: N/A)
Section 2-24, Township 118N-121N, Range 51W-47W
Latitude 45.049186°; Longitude 96.917272°
Effective Date: **August 15, 2019**

Thank you for preserving the natural resources of South Dakota. If you have any questions or need any guidance, please contact the stormwater team at 1-800-737-8676 or by email at stormwater@state.sd.us.

Sincerely,

A handwritten signature in black ink that reads "Katie Adair".

Katie Adair
Stormwater Program Assistant
Surface Water Quality Program

cc: Project Contact: Connie Rausch
Engineer: Elizabeth Hunter

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

General Permit Authorizing Stormwater Discharges Associated with Construction Activities Under the South Dakota Surface Water Discharge System

In compliance with the provisions of the South Dakota Water Pollution Control Act and the Administrative Rules of South Dakota (ARSD), Article 74:52, owners and operators of stormwater discharges from **construction activities**, located in the state of South Dakota are authorized to discharge in accordance with the conditions and requirements set forth herein.

This General Permit shall become effective on April 1, 2018.

General Permit coverage for NextEra shall become effective August 15, 2019.

This General Permit and the authorization to discharge shall expire at midnight, **March 31, 2023.**

Signed this **23rd** day of **March, 2018,**



Authorized Permitting Official

Steven M. Pirner

Secretary

Department of Environment and Natural Resources

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ISSUE DATE: 08-05-2019

TITLE SHEET

SNYDER & ASSOCIATES, INC.

1751 MADISON AVENUE
COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com

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Project No: 1140140

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- LEGEND**
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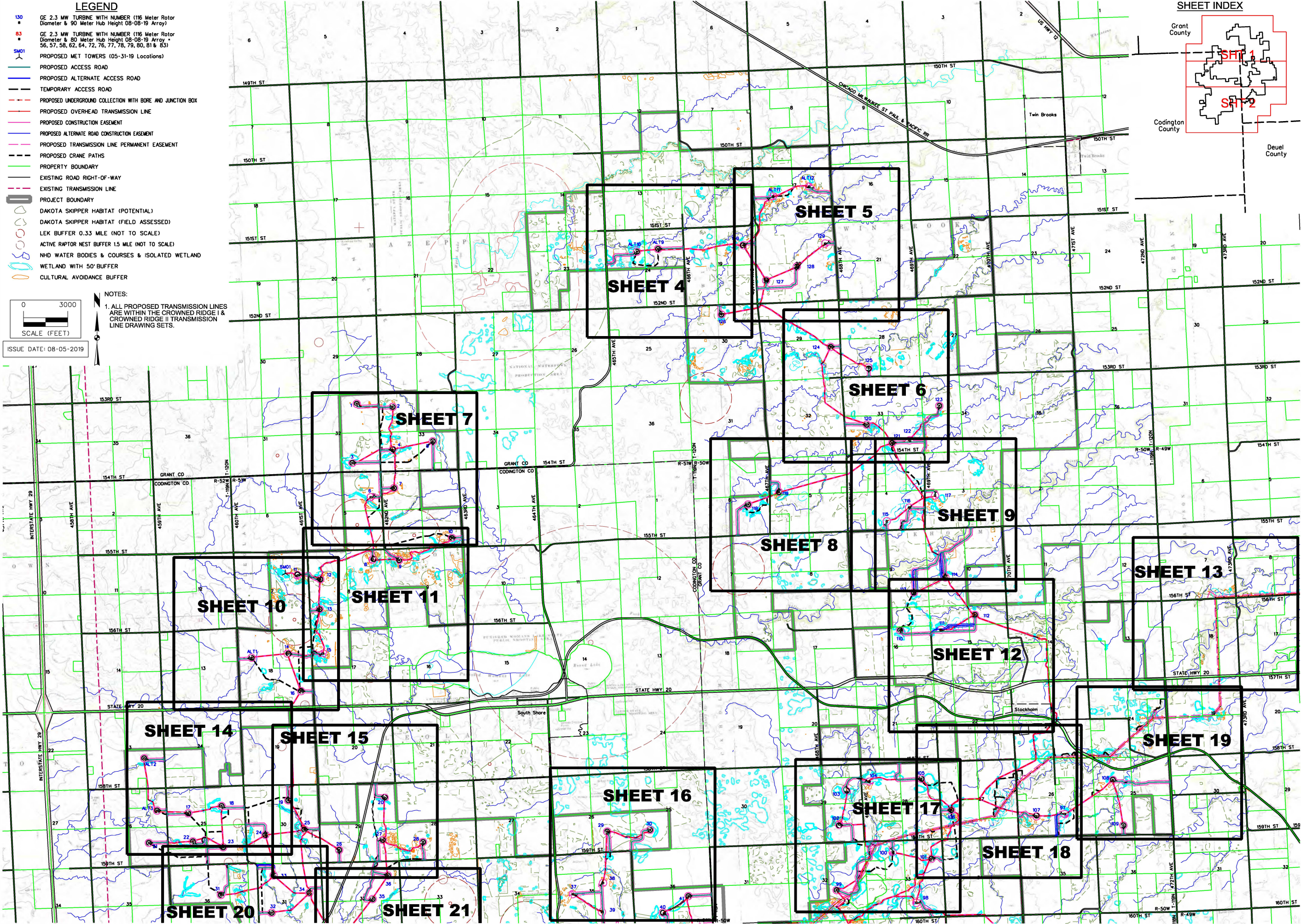
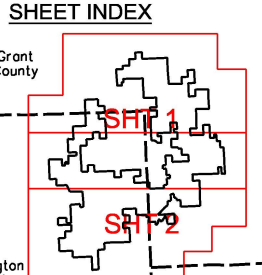
NOTES:

1. ALL PROPOSED TRANSMISSION LINES ARE WITHIN THE CROWNED RIDGE I & CROWNED RIDGE II TRANSMISSION LINE DRAWING SETS.

SCALE (FEET)

0 3000

ISSUE DATE: 08-05-2019



CROWNED RIDGE I WIND

OVERALL TURBINE SITE PLAN

SNYDER & ASSOCIATES, INC.

Project No: 1140140

Sheet 2 of 33

1751 MADISON AVENUE
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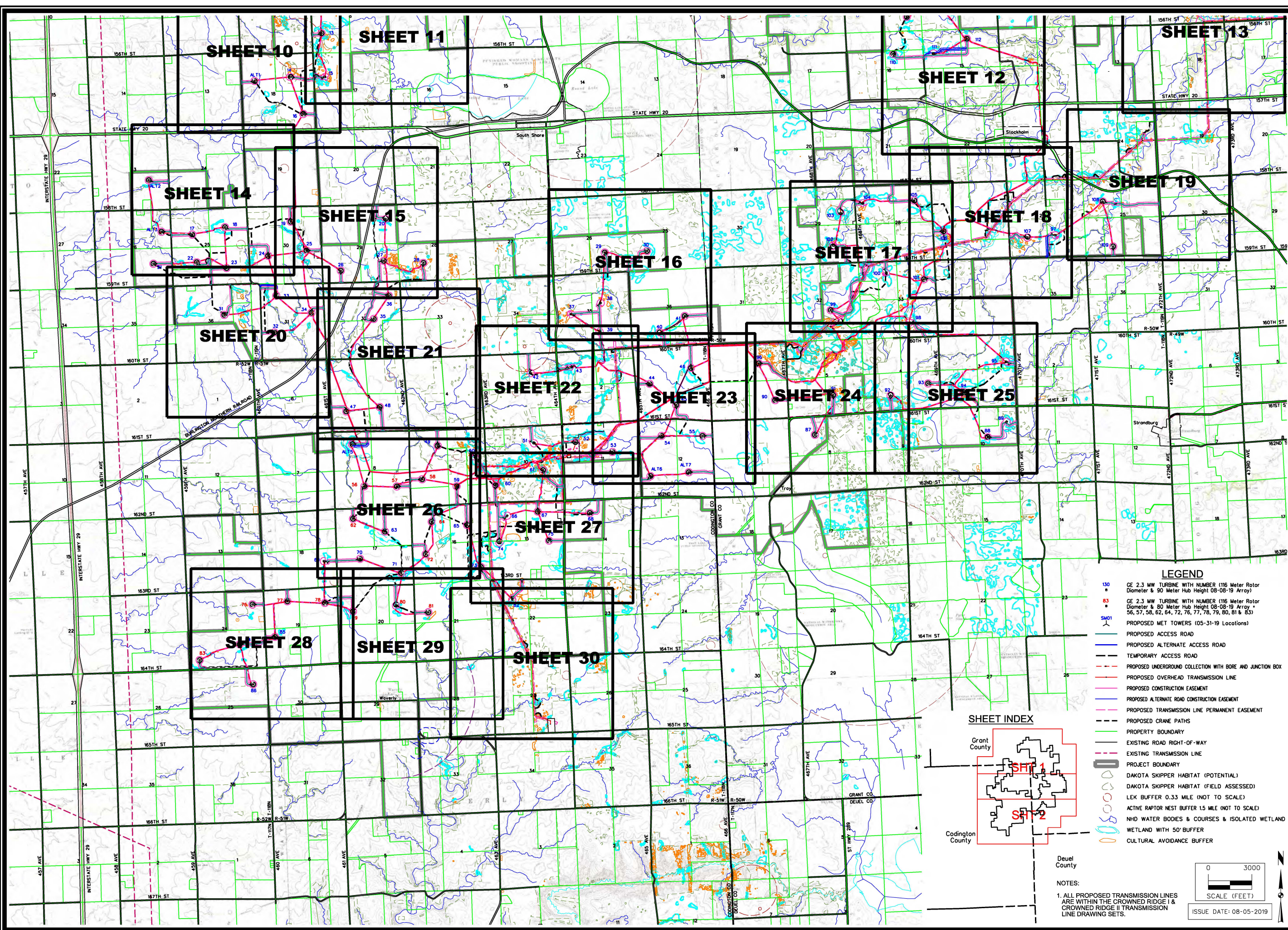
MARK

REVISION	DATE	BY
1	07-05-19	BJJ

Engineer: EAH
Checked By: BJJ
Date: 07-05-19
Field Bk: Pg.
Technician: EAL

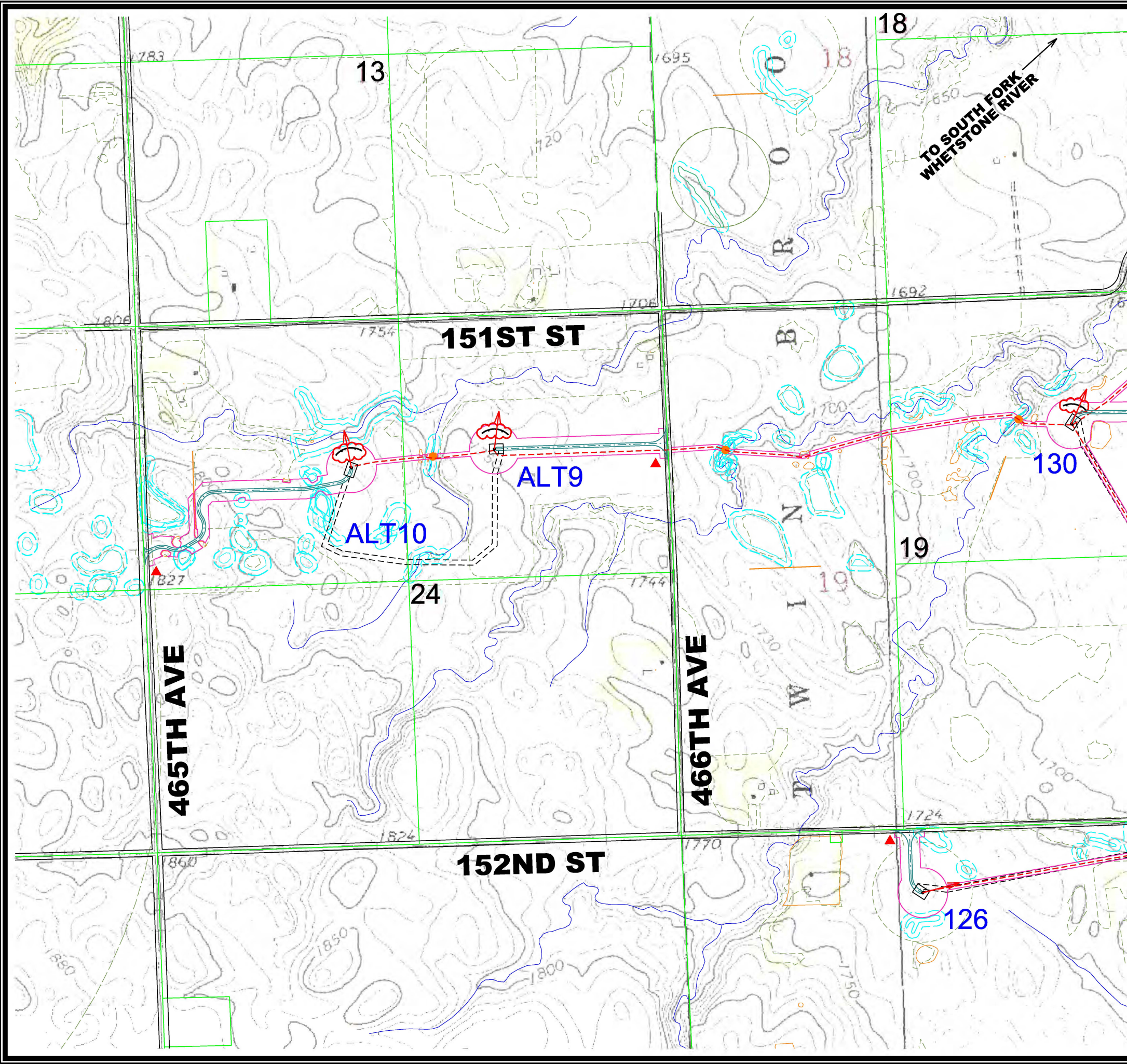
Project No: 1140140

Sheet 2 of 33

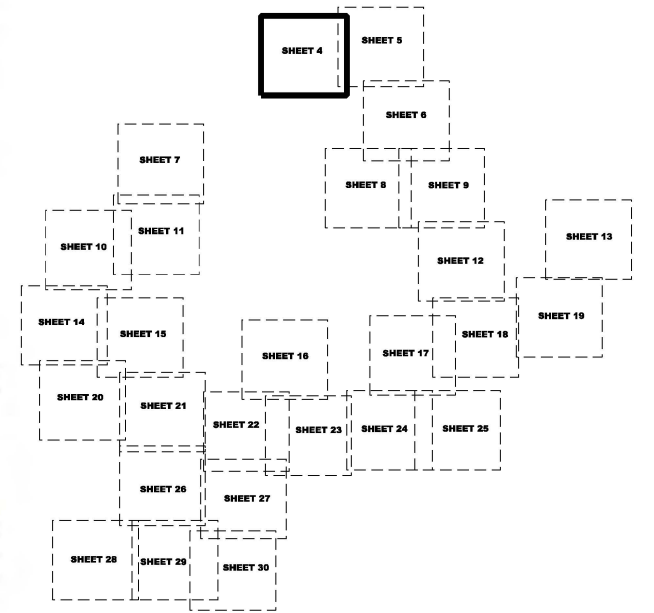


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	TURBINE SITE PLAN		CODINGTON & GRANT COUNTIES, SOUTH DAKOTA							
	SNYDER & ASSOCIATES, INC. I		1751 MADISON AVENUE COUNCIL BLUFFS, IA 51503 712-322-3202 www.snyder-associates.com							
Project No: 1140140			Sheet 3 of 33							

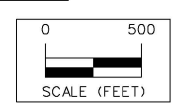
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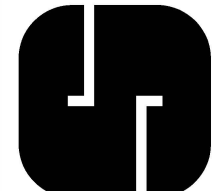
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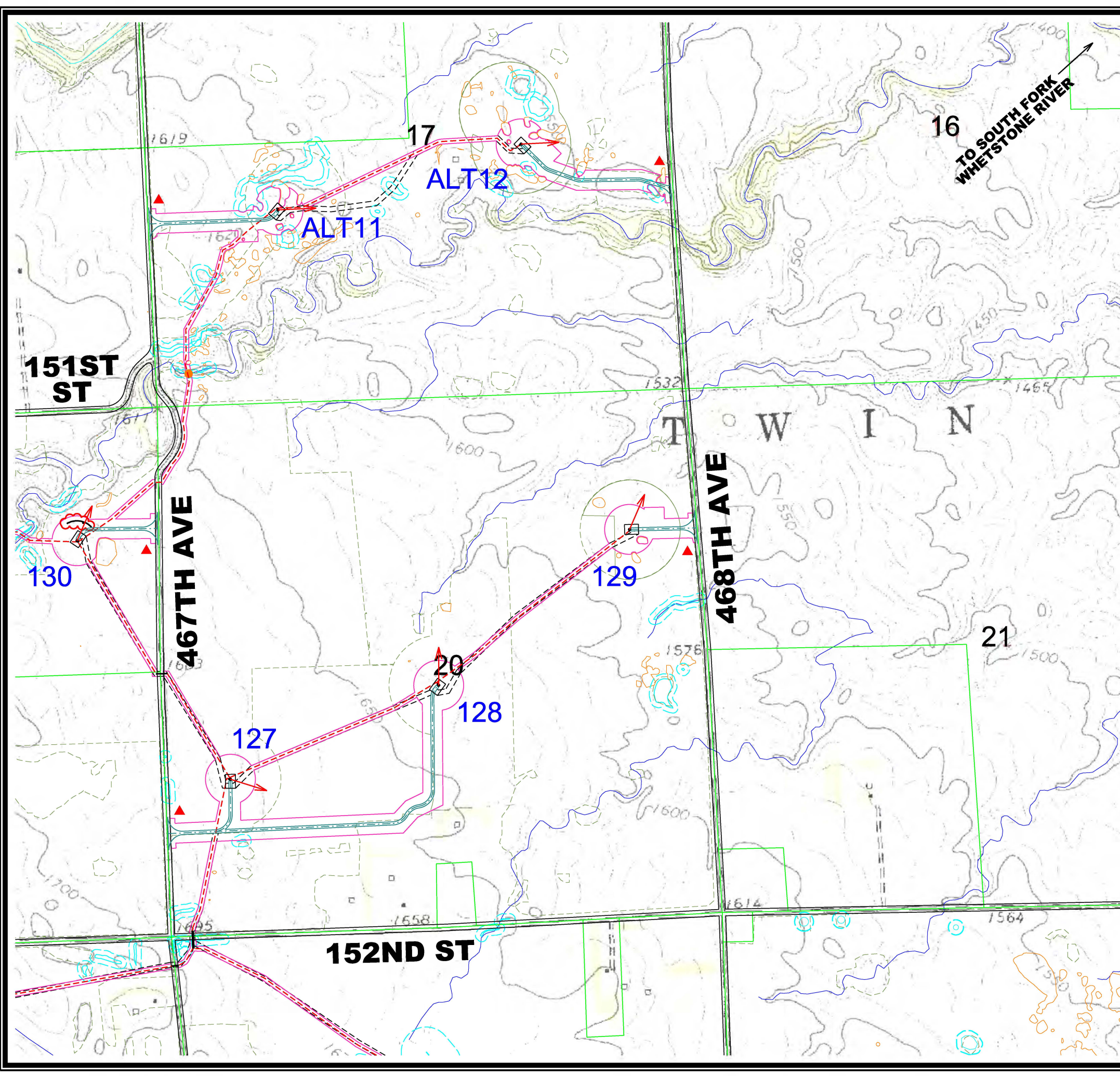
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Engineer: EAH	Checked By: BJJ	Scale: 1"= 500'		
Technician: EAL	Date: 07-05-19	Field Bk:		
Project No: 1140140			Sheet 4 of 33	

CROWNED RIDGE I WIND	
STORM WATER POLLUTION PREVENTION PLAN	
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA	
SNYDER & ASSOCIATES, INC.	
1751 MADISON AVENUE COUNCIL BLUFFS, IA 51503 712-322-3202 www.snyder-associates.com	



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LEGEND

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SHEET INDEX

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ISSUE DATE: 08-05-2019

CROWNED RIDGE I WIND

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712-322-3202 | www.snyder-associates.com

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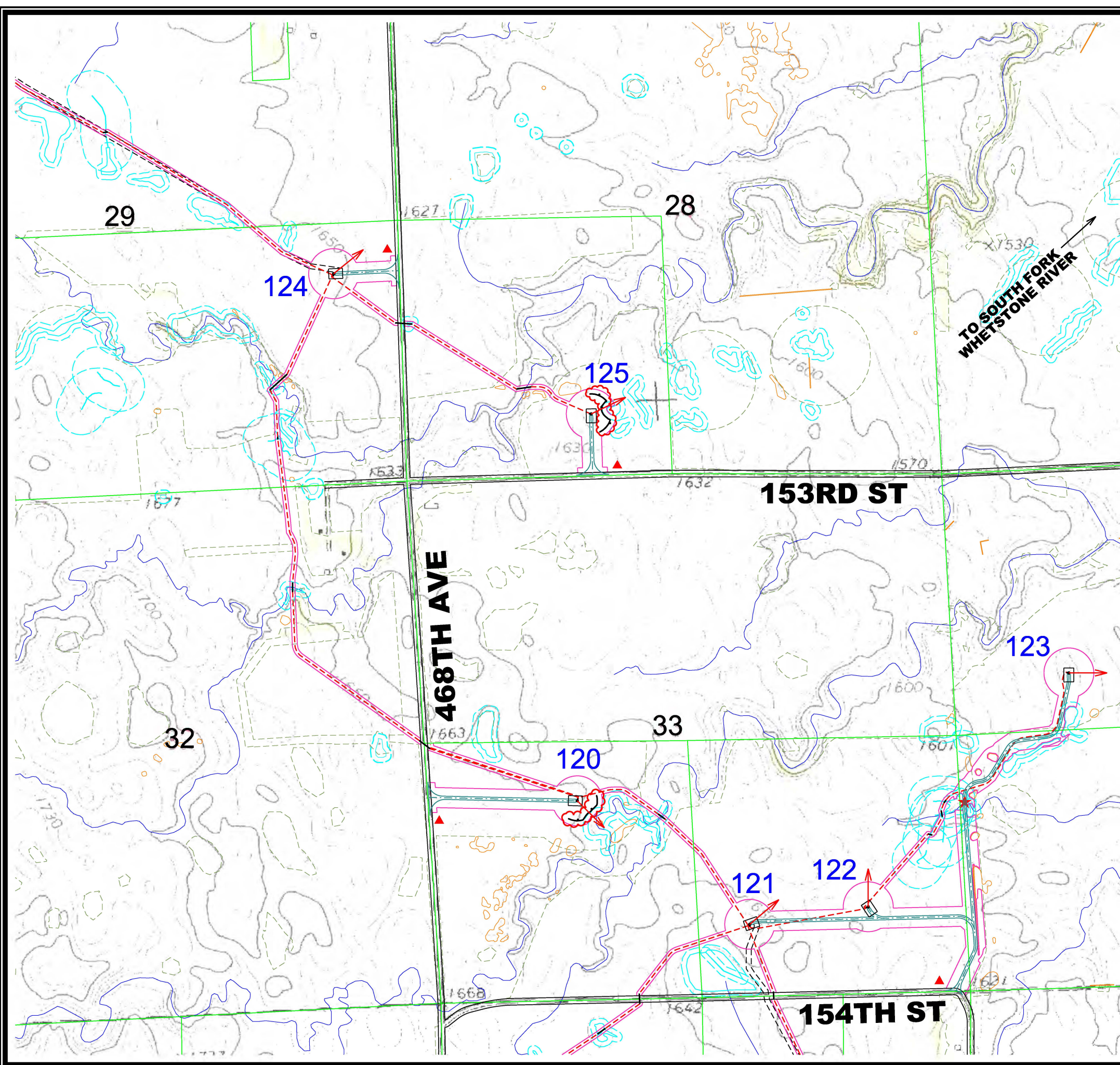
Sheet 5 of 33

MARK	REVISION	DATE	BY
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Technician: EAL	Date: 07-05-19	Field Bk:	

Project No: 1140140

Sheet 5 of 33

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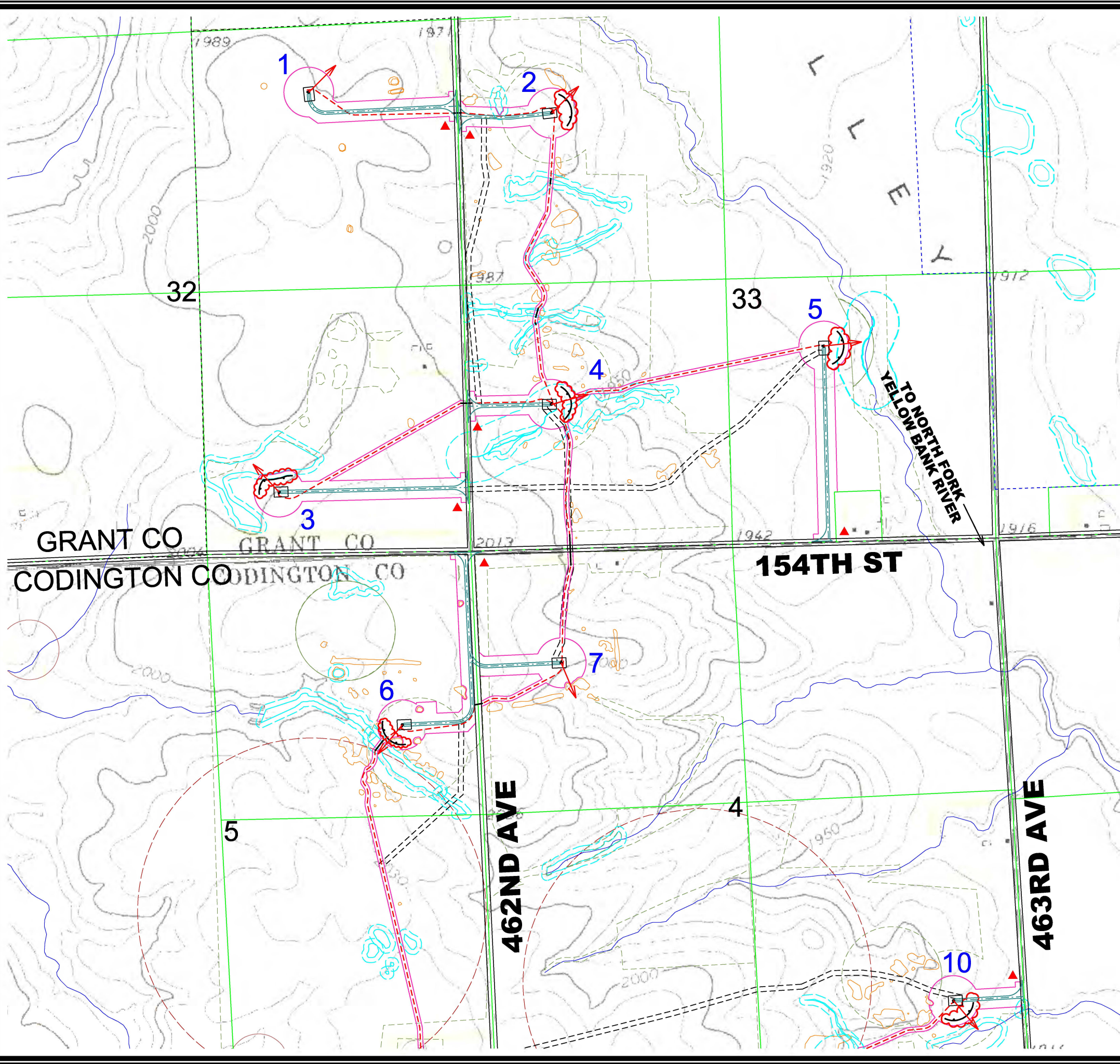
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Project No: 1140140

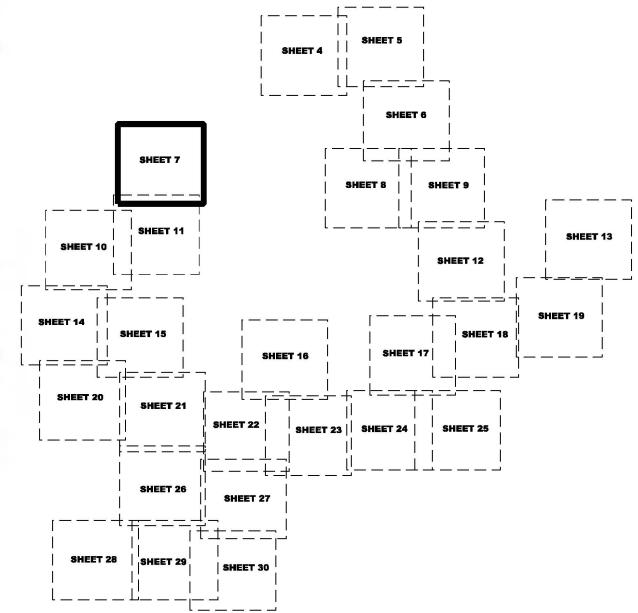
Sheet 6 of 33

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EAL	Date: 07-05-19	Field Bk:	
		Project No: 1140140	Sheet 6 of 33

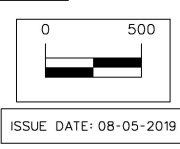
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SNYDER 1140140



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MARK	REVISION	DATE	BY
Engineer: EAH	Checked By: BJJ	Scale: 1"= 500'	Pg.
Technician: EAL	Date: 07-05-19	Field Bk:	

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CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION PLAN

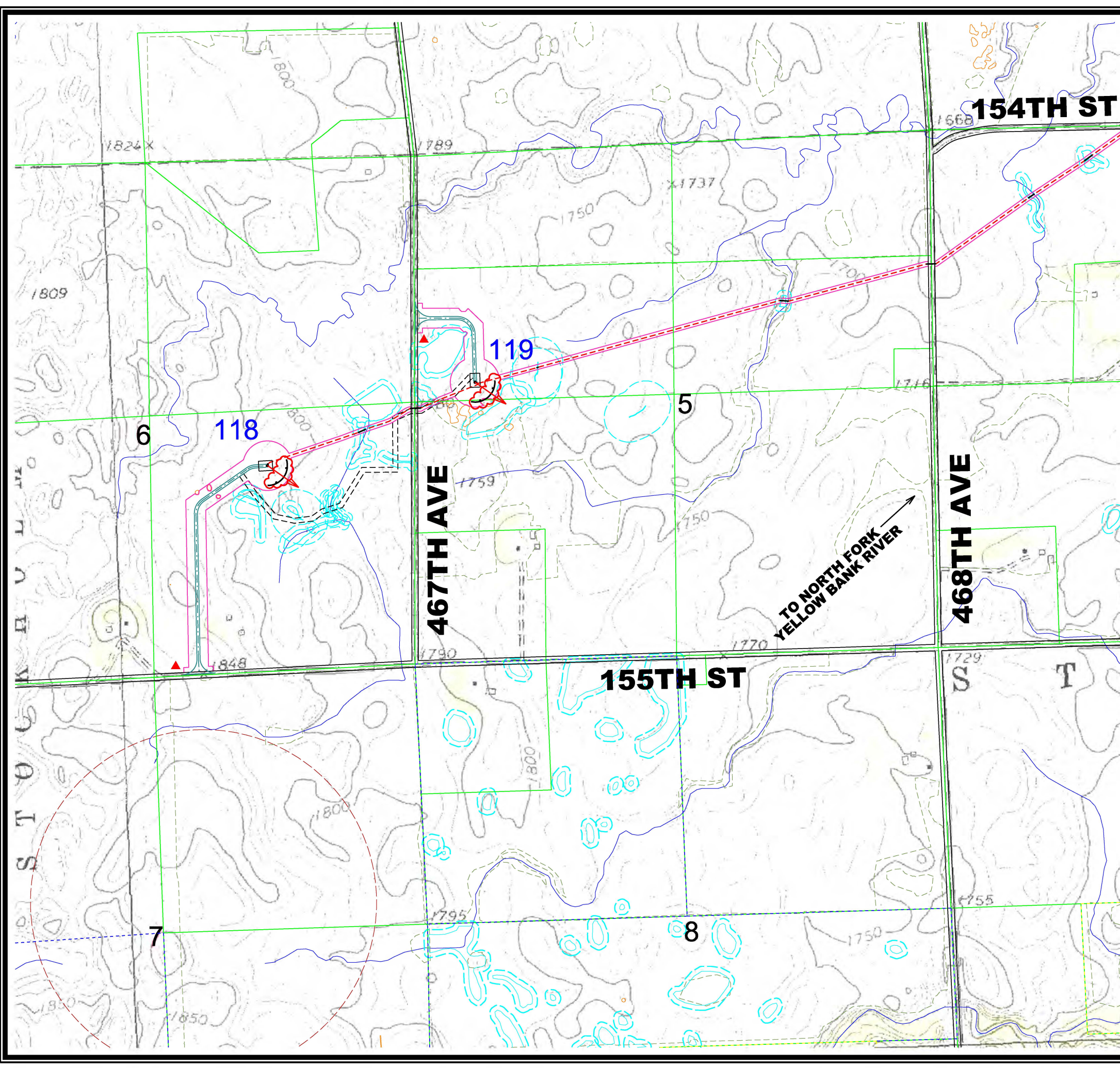
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

SNYDER & ASSOCIATES, INC.

1751 MADISON AVENUE
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712-322-3202 | www.snyder-associates.com

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1140140



LEGEND

- 130 GE 2.3 MW TURBINE WITH NUMBER (116 Meter Rotor Diameter & 90 Meter Hub Height 08-08-19 Array)
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SNYDER & ASSOCIATES, INC.

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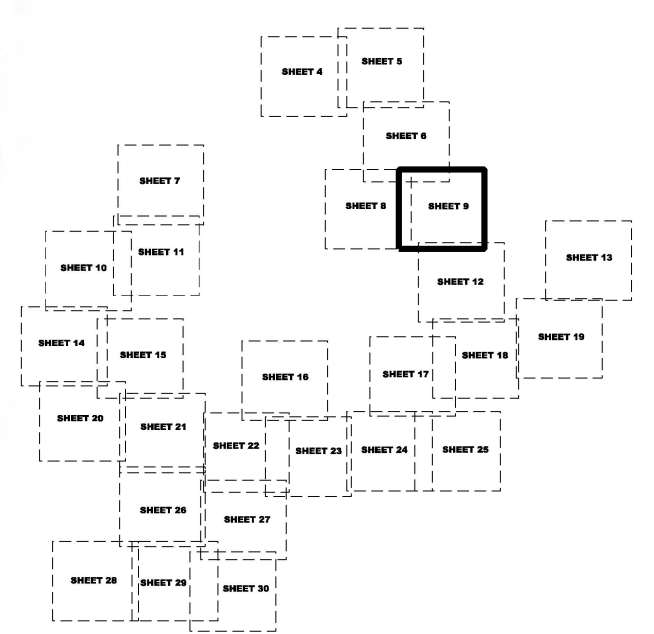
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Engineer: EAH	Checked By: BJJ	Scale: 1"= 500'	Pg.
Technician: EAL	Date: 07-05-19	Field Bk:	

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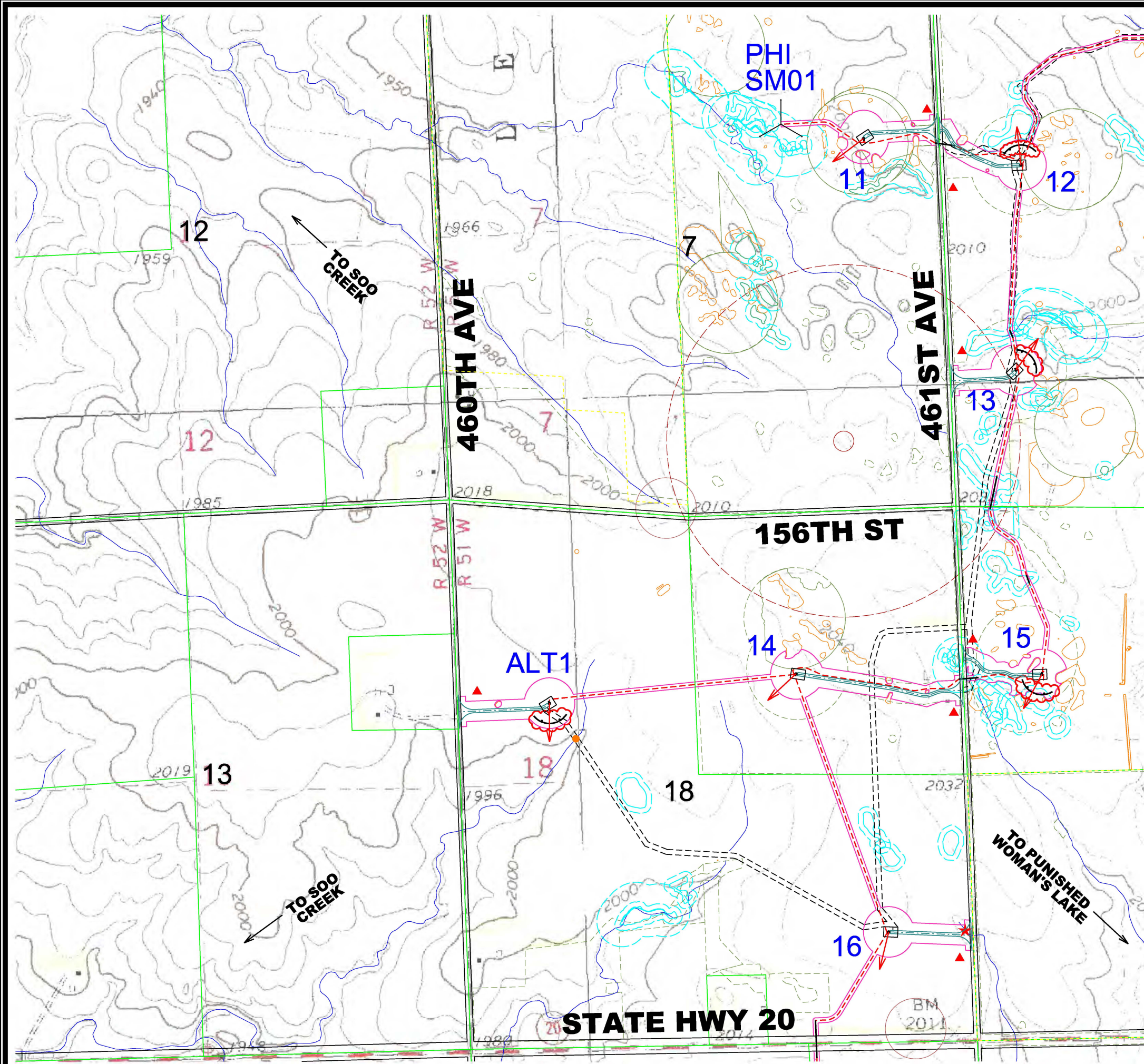
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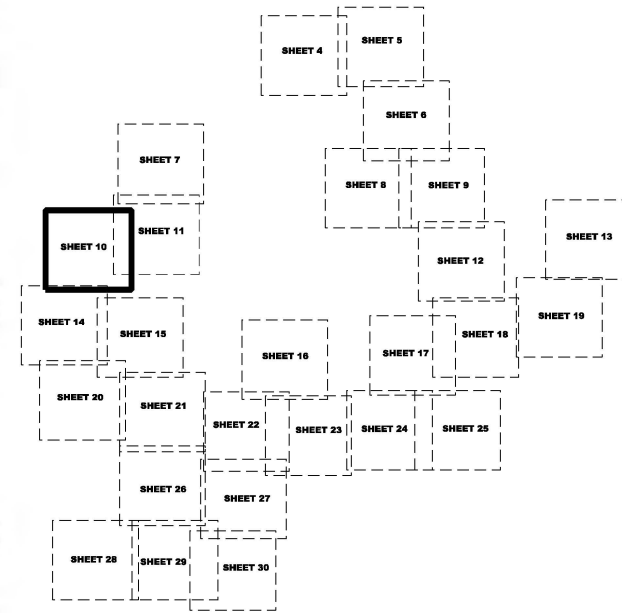
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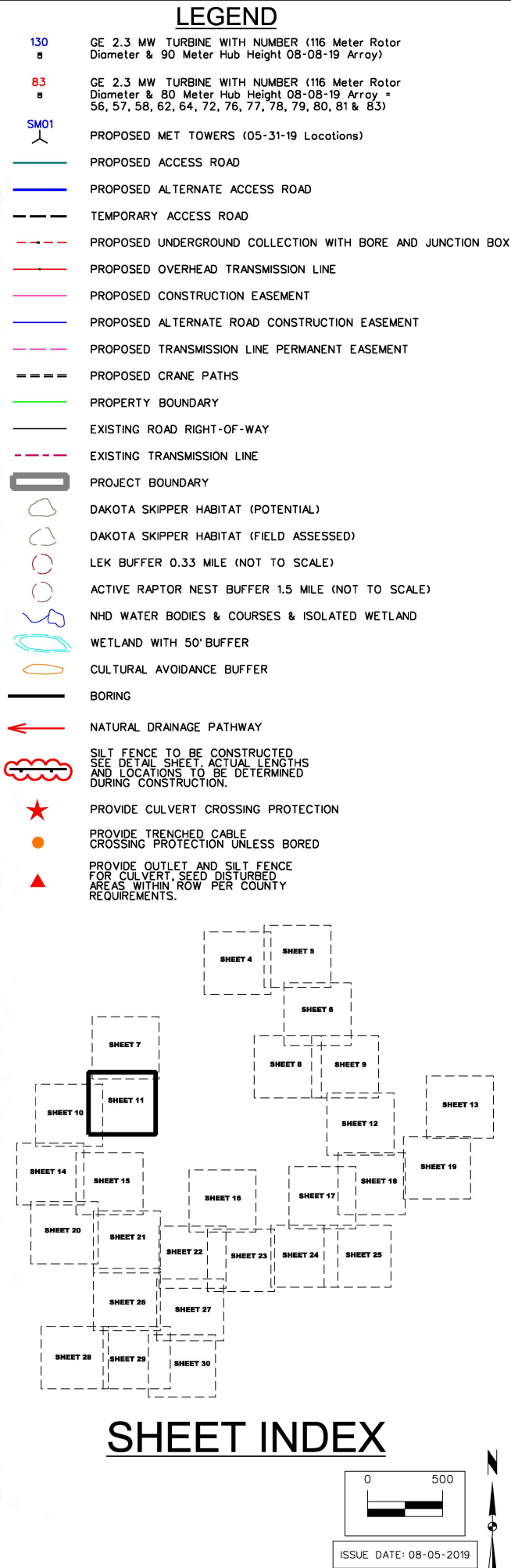


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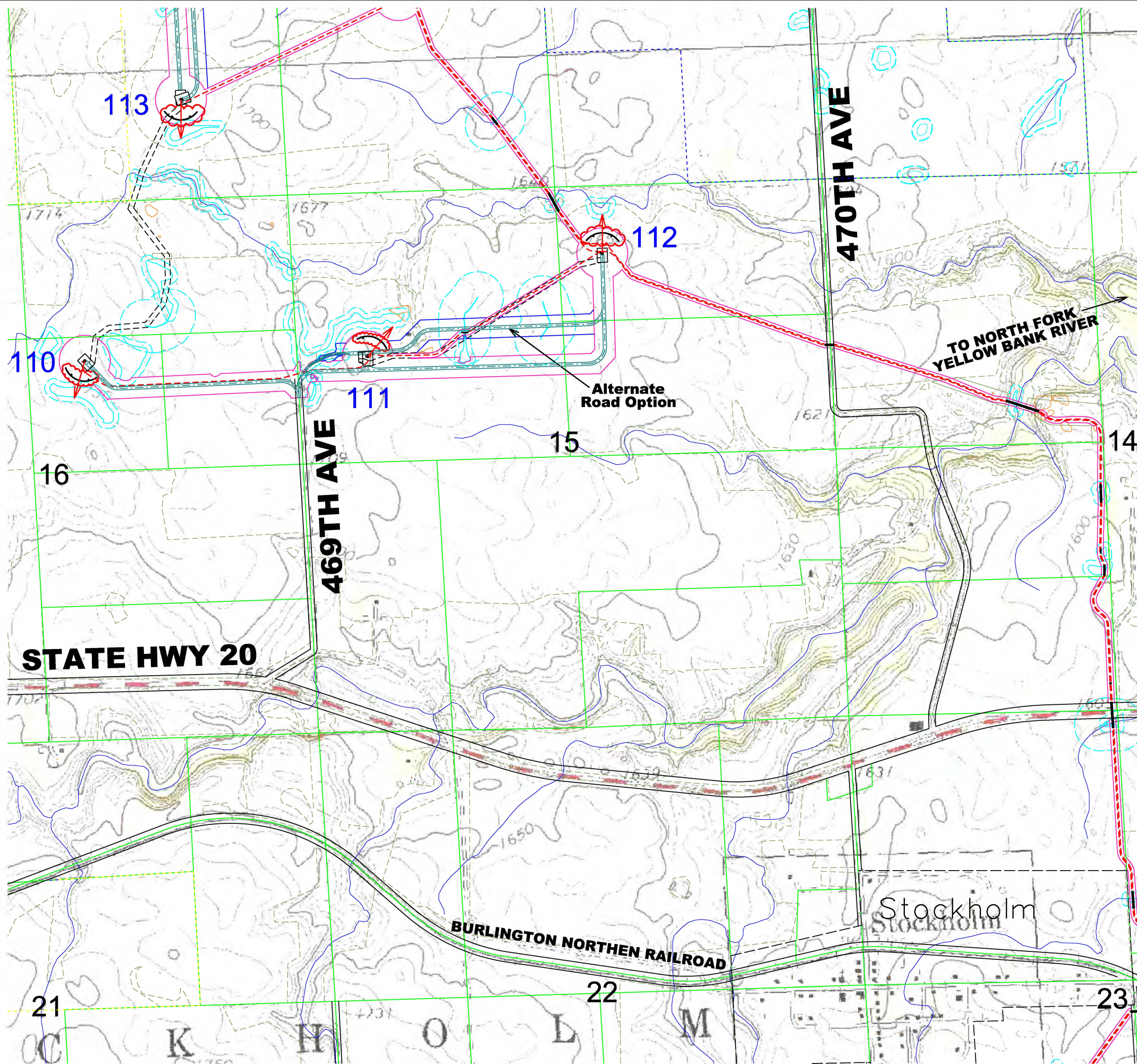
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Engineer: EAH		Checked By: BJJ	Scale: 1"= 500'	Pg.
Technician: EAL		Date: 07-05-19	Field Bk.	
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CROWNED RIDGE I WIND	
STORM WATER POLLUTION PREVENTION PLAN	
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA	
SNYDER & ASSOCIATES, INC.	
1751 MADISON AVENUE COUNCIL BLUFFS, IA 51503 712-322-3202 www.snyder-associates.com	

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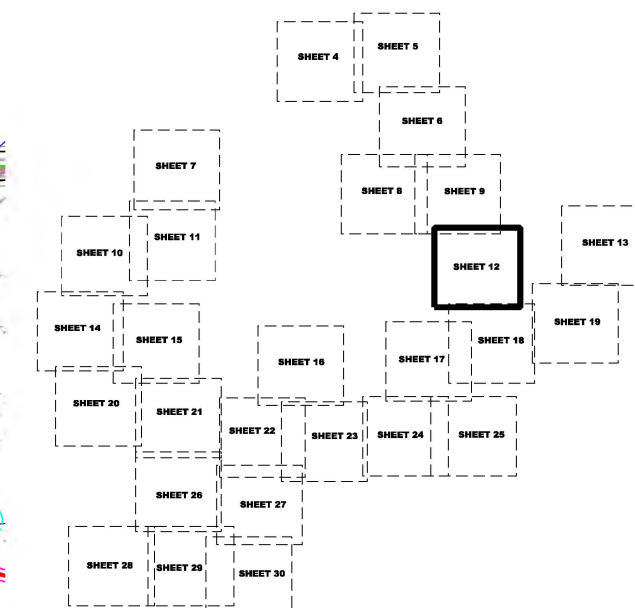


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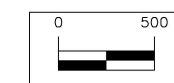


LEGEND

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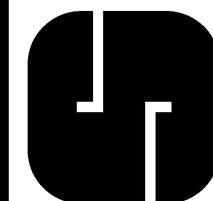
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CROWNED RIDGE | WIND

STORM WATER POLLUTION PREVENTION PLAN **CODINGTON & GRANT COUNTIES, SOUTH DAKOTA**

SNYDER & ASSOCIATES, INC. |

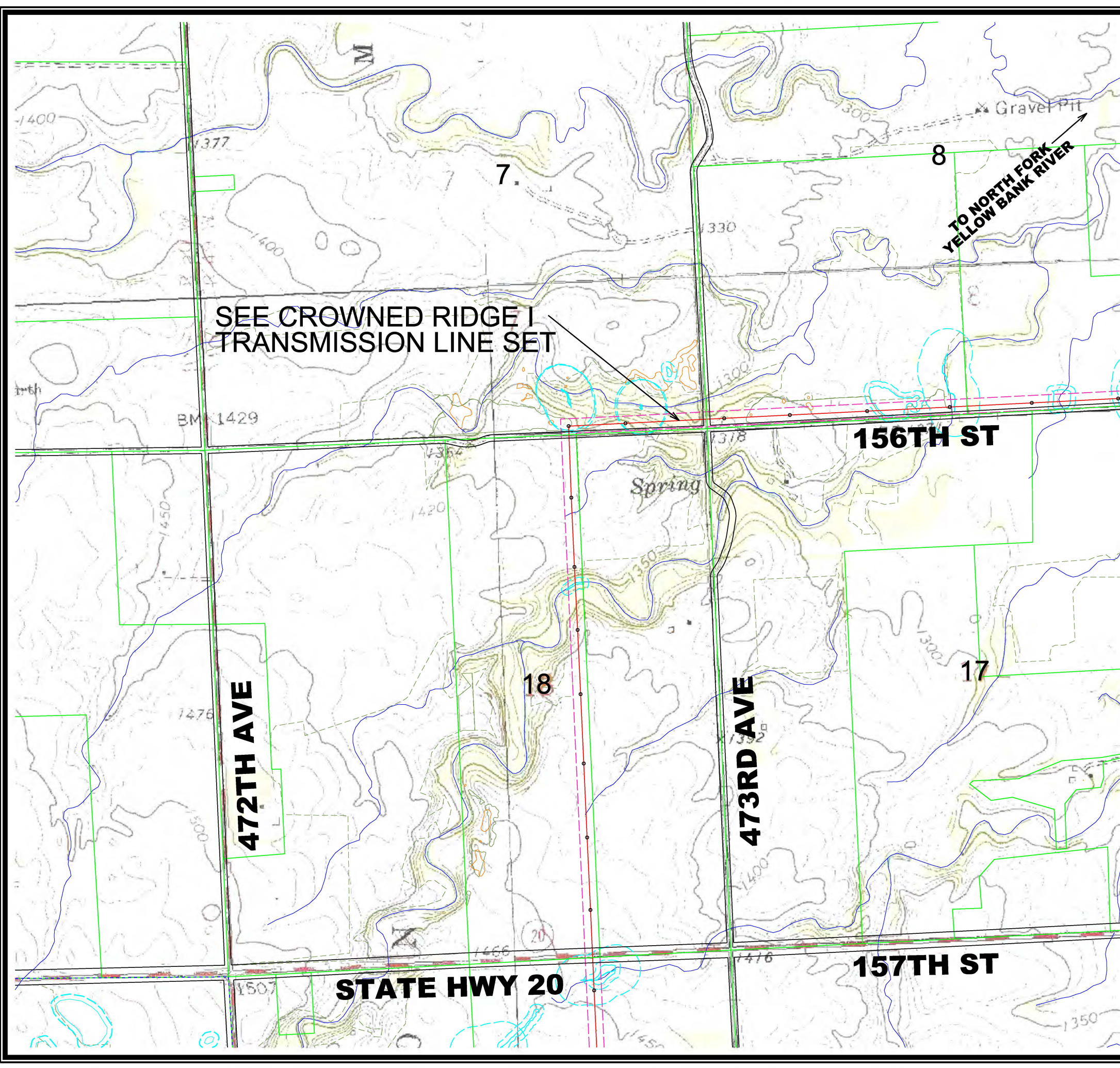
1751 MADISON AVENUE
COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com



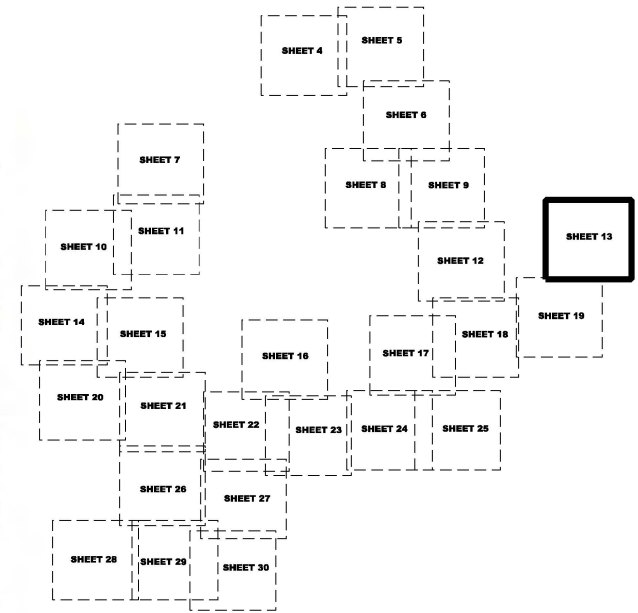
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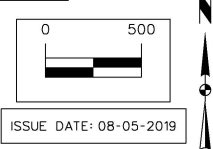
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Engineer: EAH	Checked By: BJJ	Scale: 1"= 500'	Pg:
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CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION PLAN

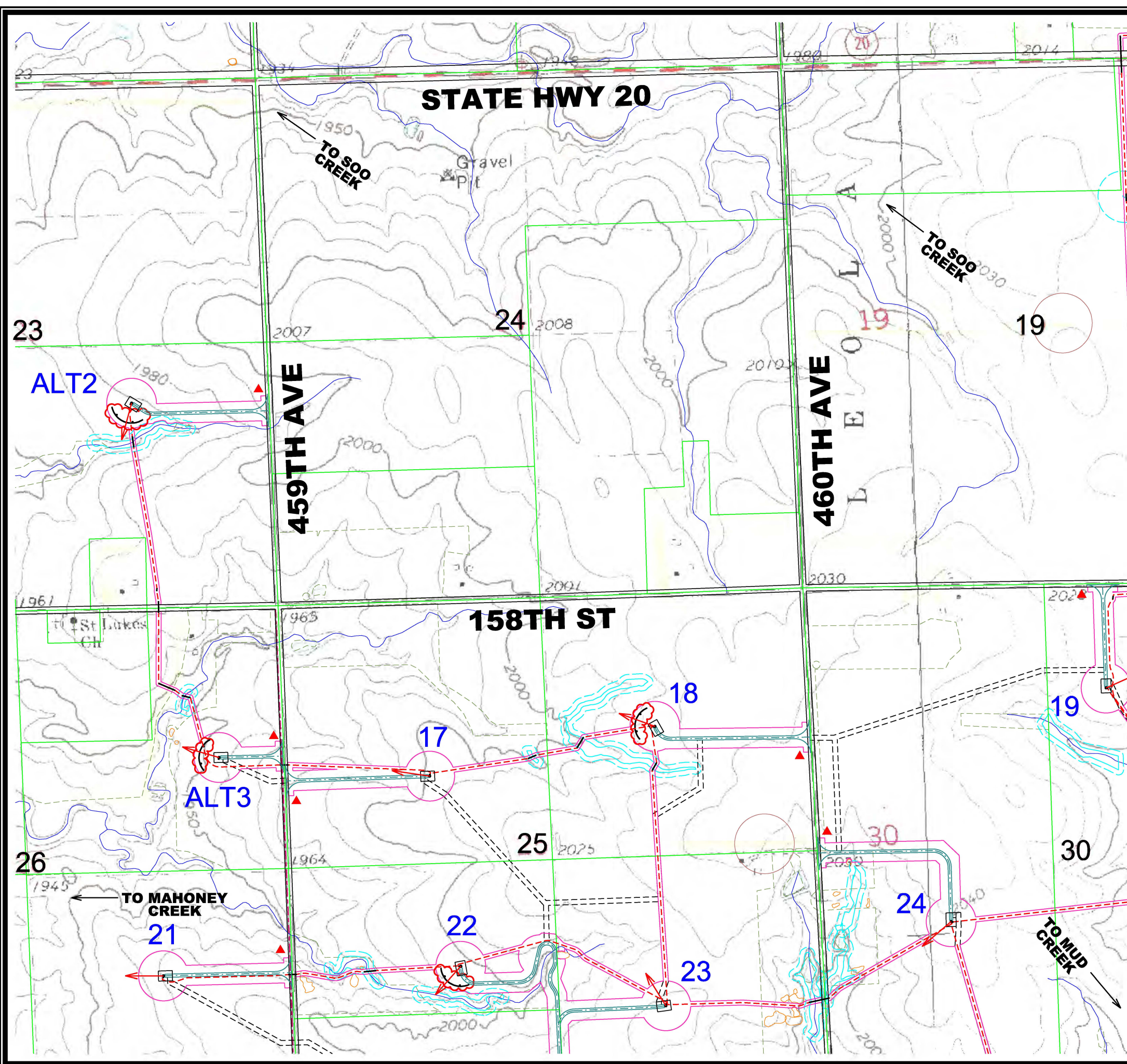
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

SNYDER & ASSOCIATES, INC.

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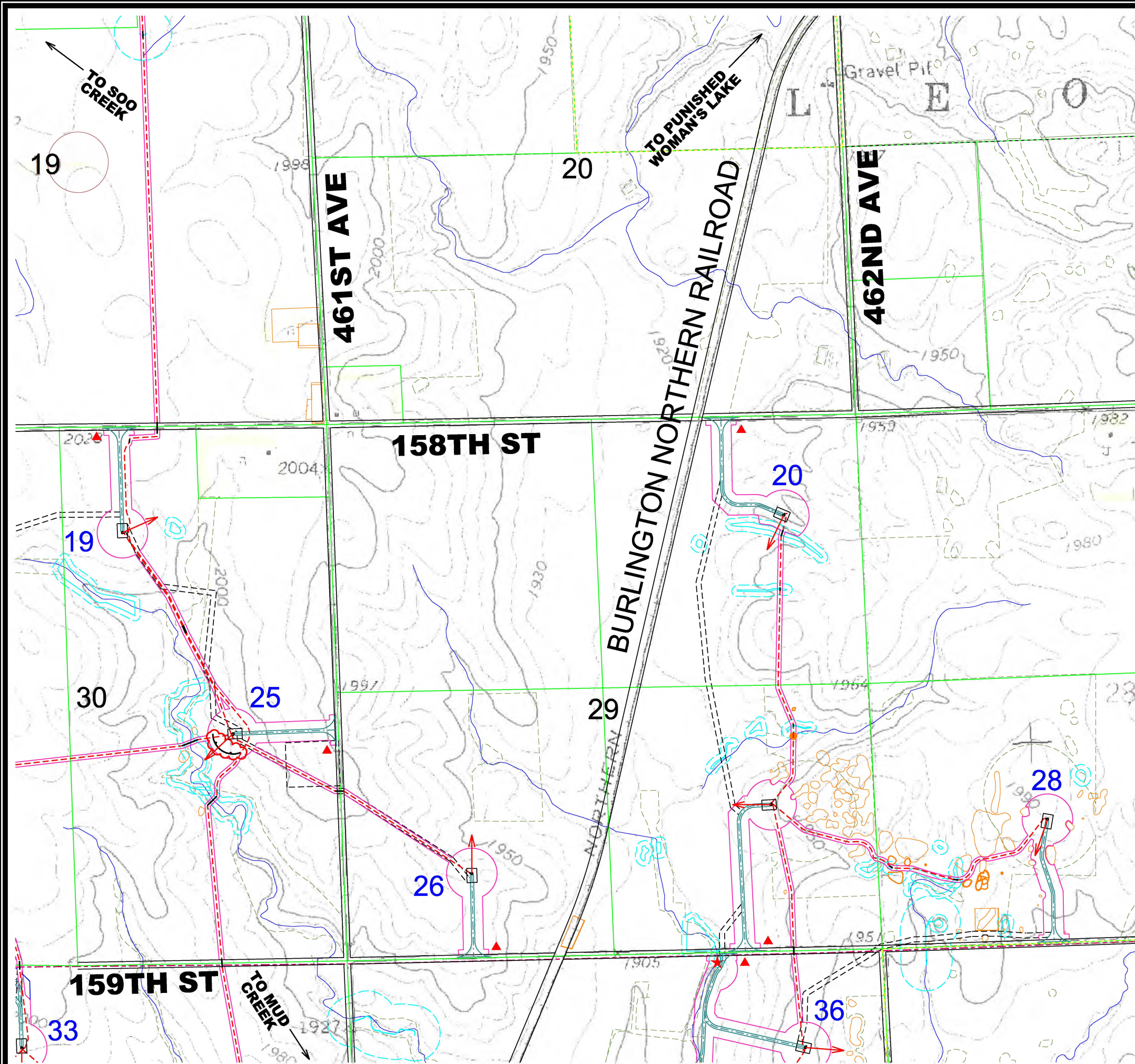
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ISSUE DATE: 08-05-2019

CROWNED RIDGE I WIND
STORM WATER POLLUTION PREVENTION PLAN
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

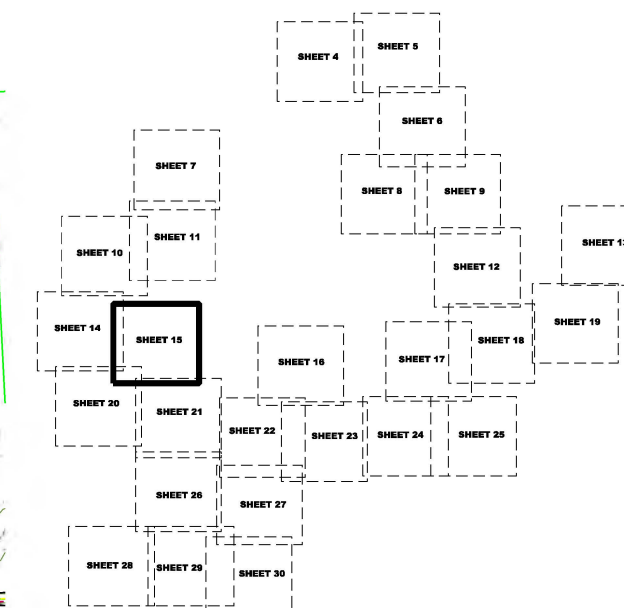
SNYDER & ASSOCIATES, INC.
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COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com

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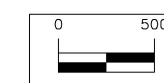


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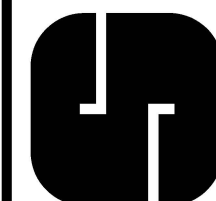
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CROWNED RIDGE | WIND

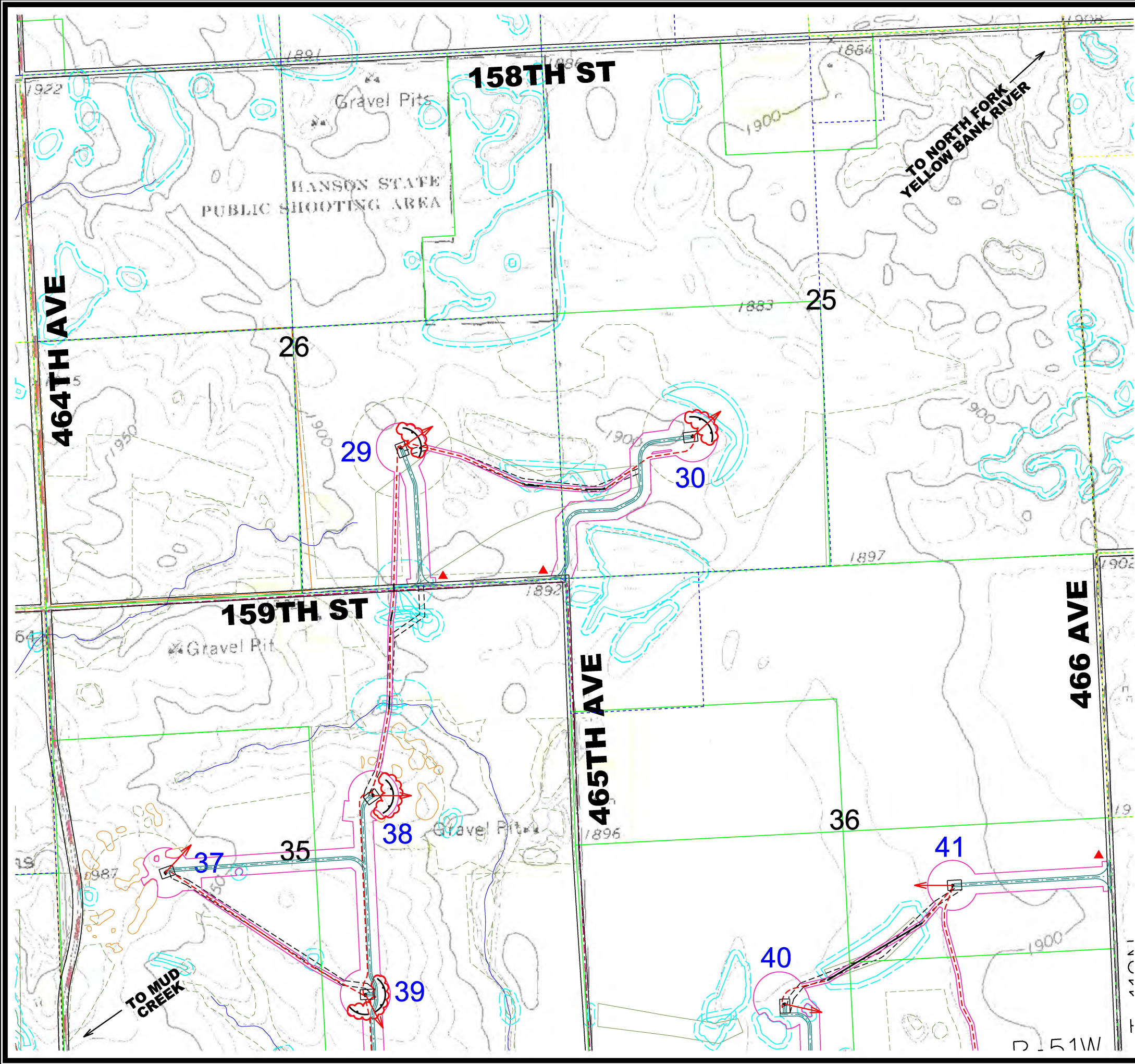
STORM WATER POLLUTION PREVENTION PLAN
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

Project No: 1140140

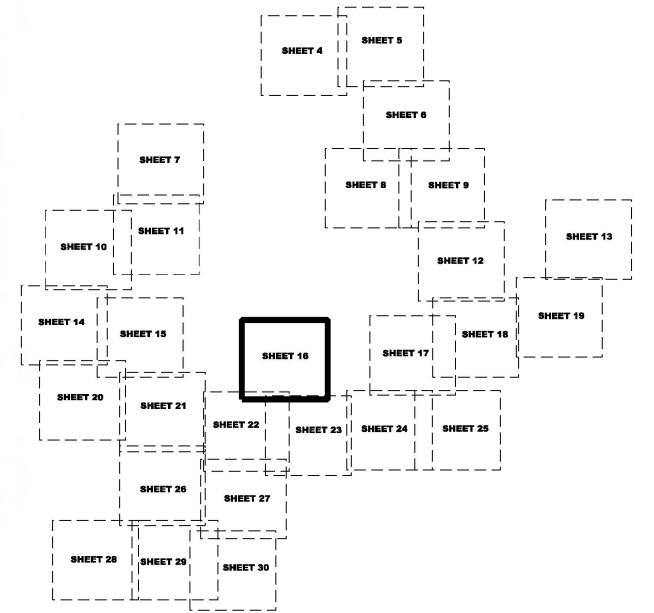
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CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION PLAN

CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

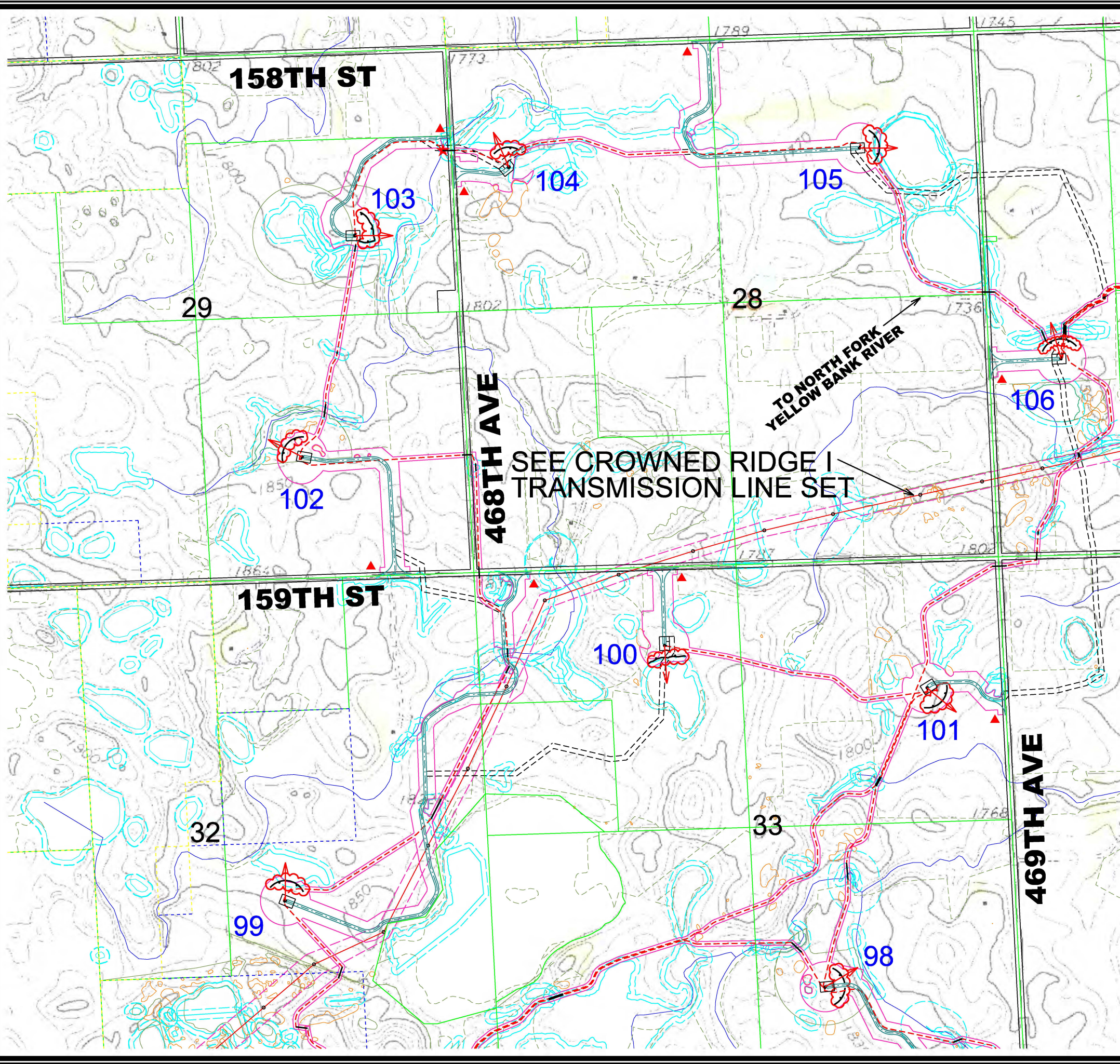
SNYDER & ASSOCIATES, INC.

1751 MADISON AVENUE
COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com

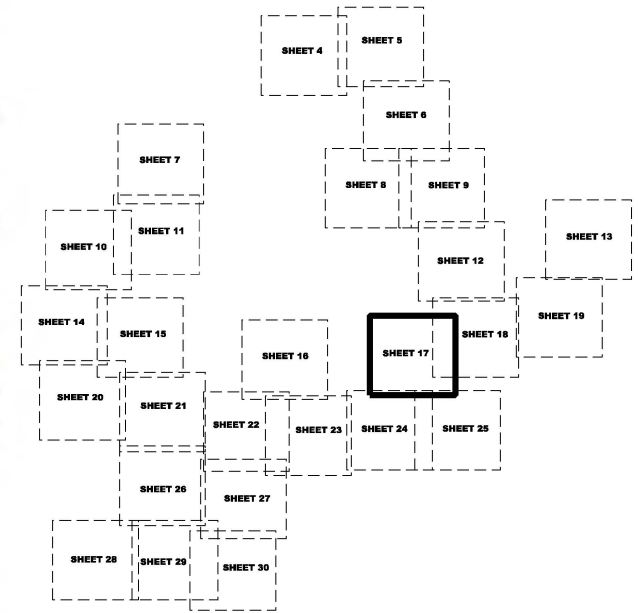
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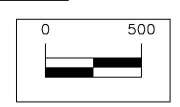
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 - PROPOSED OVERHEAD TRANSMISSION LINE
 - PROPOSED CONSTRUCTION EASEMENT
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SHEET INDEX



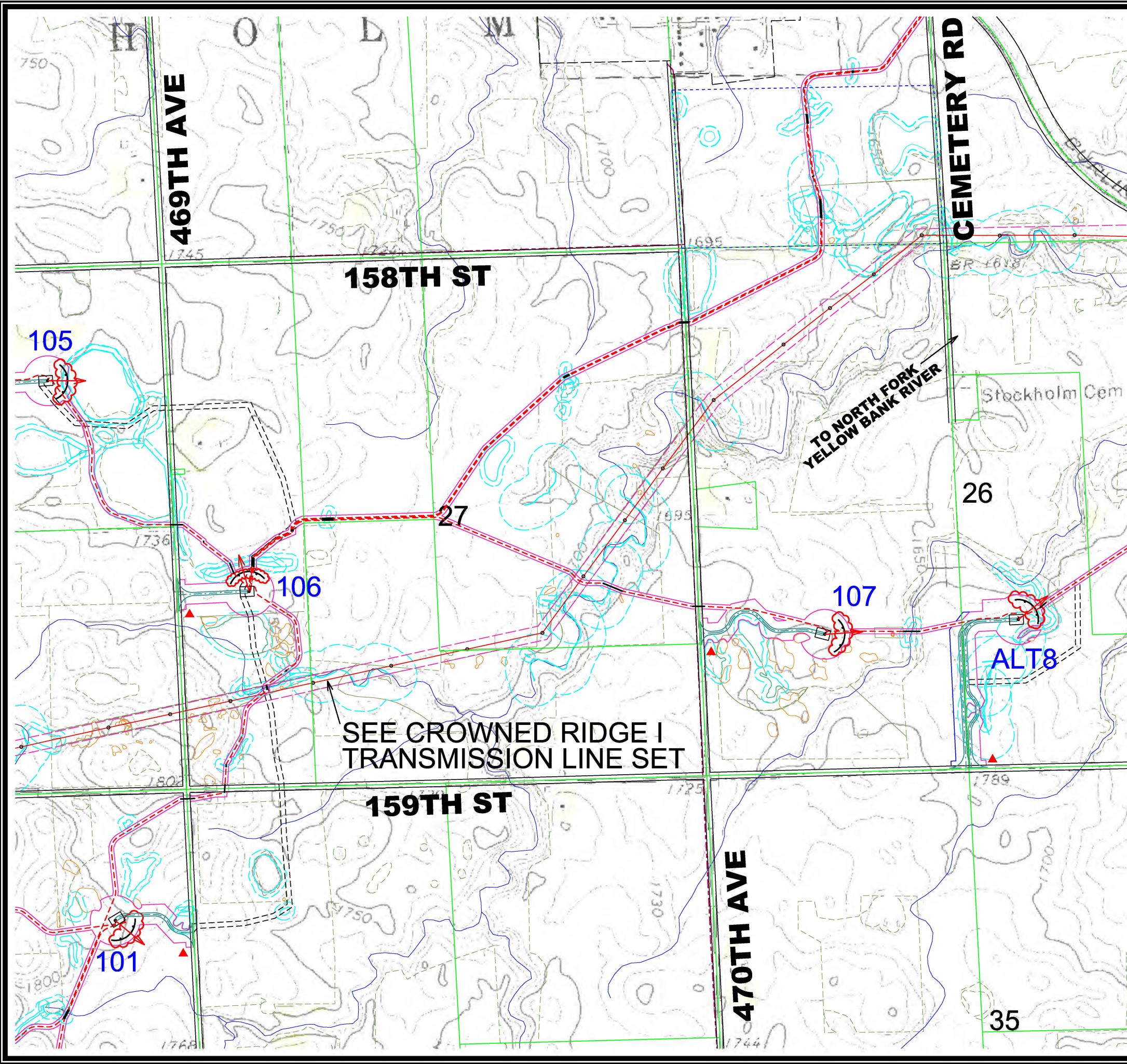
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Engineer: EAH		Checked By: BJJ	Scale: 1"= 500'	
Technician: EAL		Date: 07-05-19	Field Bk:	Pg:
Project No: 1140140		Sheet 17 of 33		

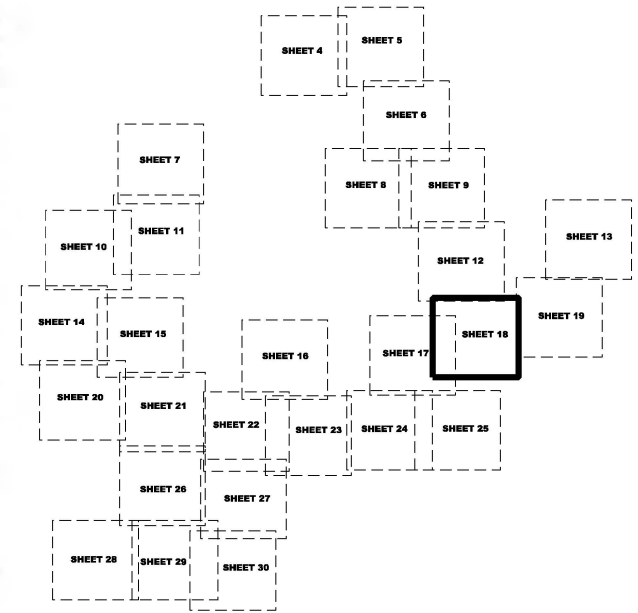
CROWNED RIDGE I WIND	CODINGTON & GRANT COUNTIES, SOUTH DAKOTA
STORM WATER POLLUTION PREVENTION PLAN	
SNYDER & ASSOCIATES, INC.	
1751 MADISON AVENUE COUNCIL BLUFFS, IA 51503 712-322-3202 www.snyder-associates.com	

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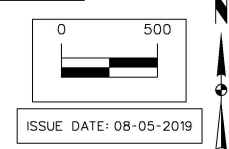
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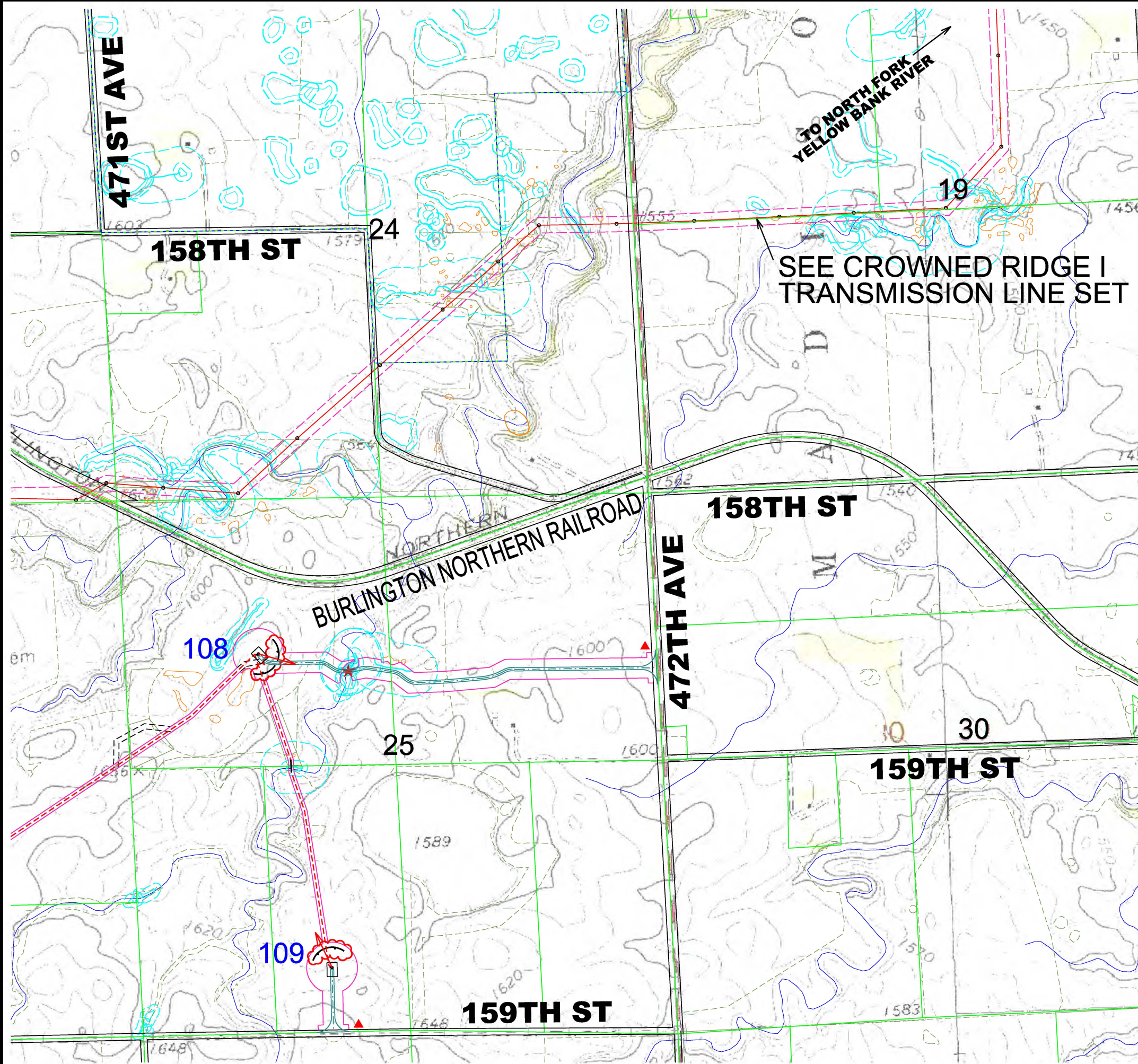
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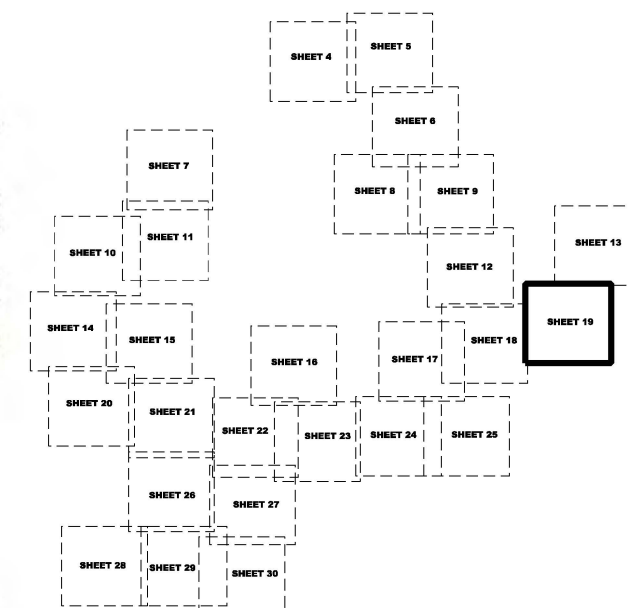
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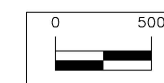
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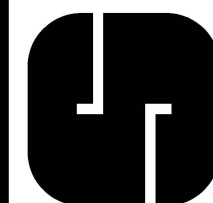
ISSUE DATE: 08-05-2019

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CROWNED RIDGE I WIND

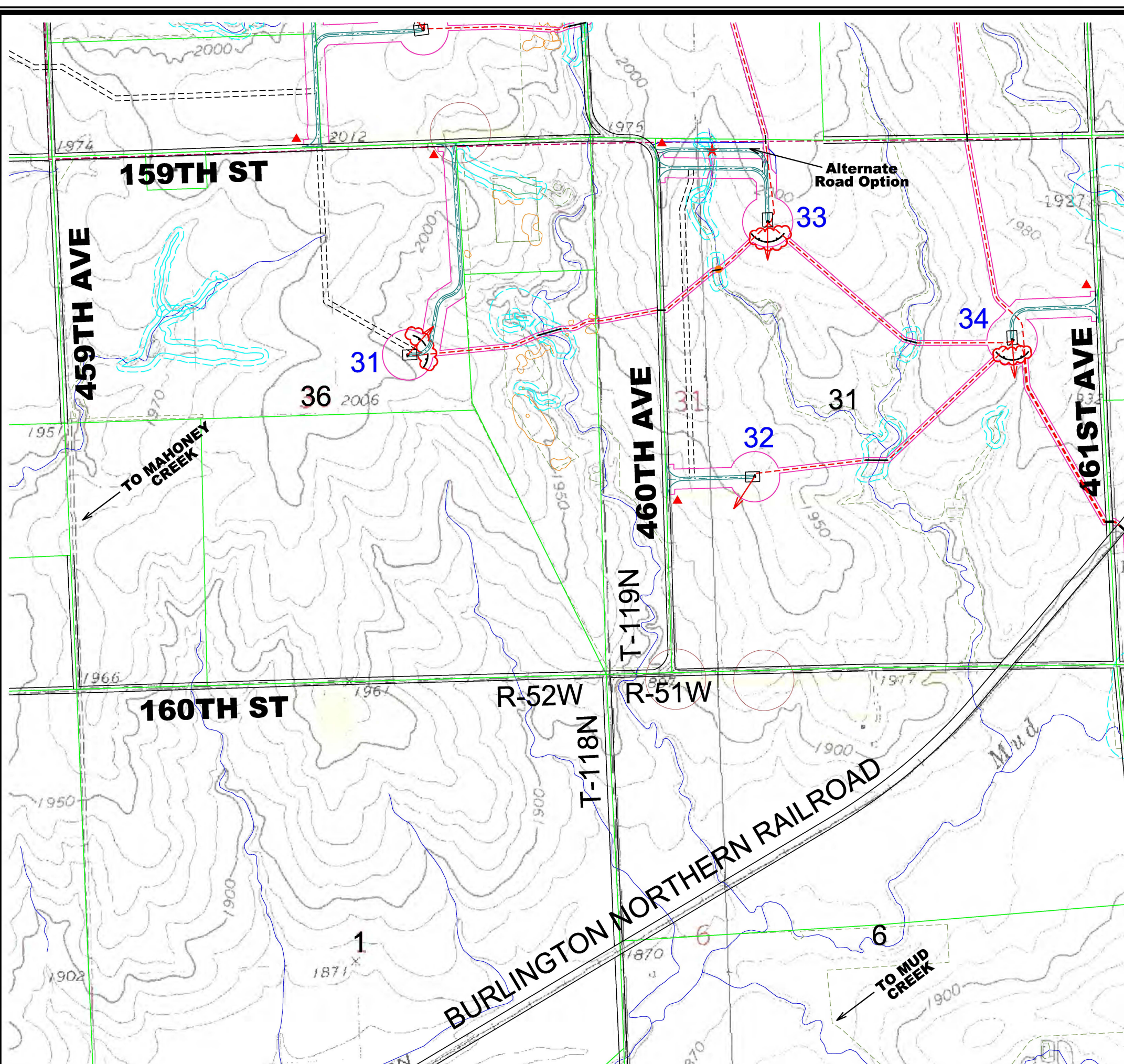
STORM WATER POLLUTION PREVENTION PLAN **CODINGTON & GRANT COUNTIES, SOUTH DAKOTA**

SNYDER & ASSOCIATES, INC. | 1751 MADISON AVENUE
COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com

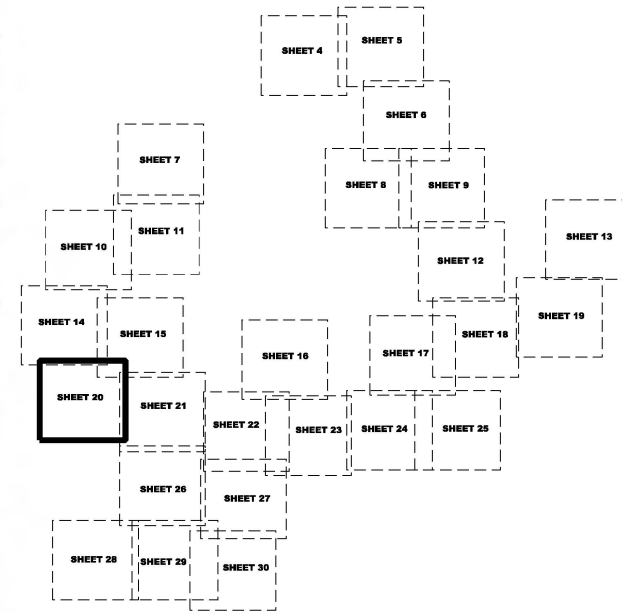


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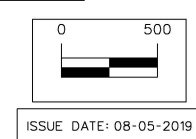
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| SM01
⌵ | PROPOSED MET TOWERS (05-31-19 Locations) |
| — (green) | PROPOSED ACCESS ROAD |
| — (blue) | PROPOSED ALTERNATE ACCESS ROAD |
| - - - - - | TEMPORARY ACCESS ROAD |
| - - - - - (dashed red) | PROPOSED UNDERGROUND COLLECTION WITH BORE AND JUNCTION BOX |
| — (red) | PROPOSED OVERHEAD TRANSMISSION LINE |
| — (pink) | PROPOSED CONSTRUCTION EASEMENT |
| — (blue) | PROPOSED ALTERNATE ROAD CONSTRUCTION EASEMENT |
| - - - - - (pink) | PROPOSED TRANSMISSION LINE PERMANENT EASEMENT |
| = = = = = | PROPOSED CRANE PATHS |
| — (green) | PROPERTY BOUNDARY |
| — (black) | EXISTING ROAD RIGHT-OF-WAY |
| - - - - - (dashed black) | EXISTING TRANSMISSION LINE |
| ▭ (grey) | PROJECT BOUNDARY |
| ○ (cloud shape) | DAKOTA SKIPPER HABITAT (POTENTIAL) |
| ○ (cloud shape) | DAKOTA SKIPPER HABITAT (FIELD ASSESSED) |
| ○ (red dashed) | LEK BUFFER 0.33 MILE (NOT TO SCALE) |
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| — (blue wavy) | NHD WATER BODIES & COURSES & ISOLATED WETLAND |
| — (cyan wavy) | WETLAND WITH 50' BUFFER |
| — (orange wavy) | CULTURAL AVOIDANCE BUFFER |
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| ← (red) | NATURAL DRAINAGE PATHWAY |
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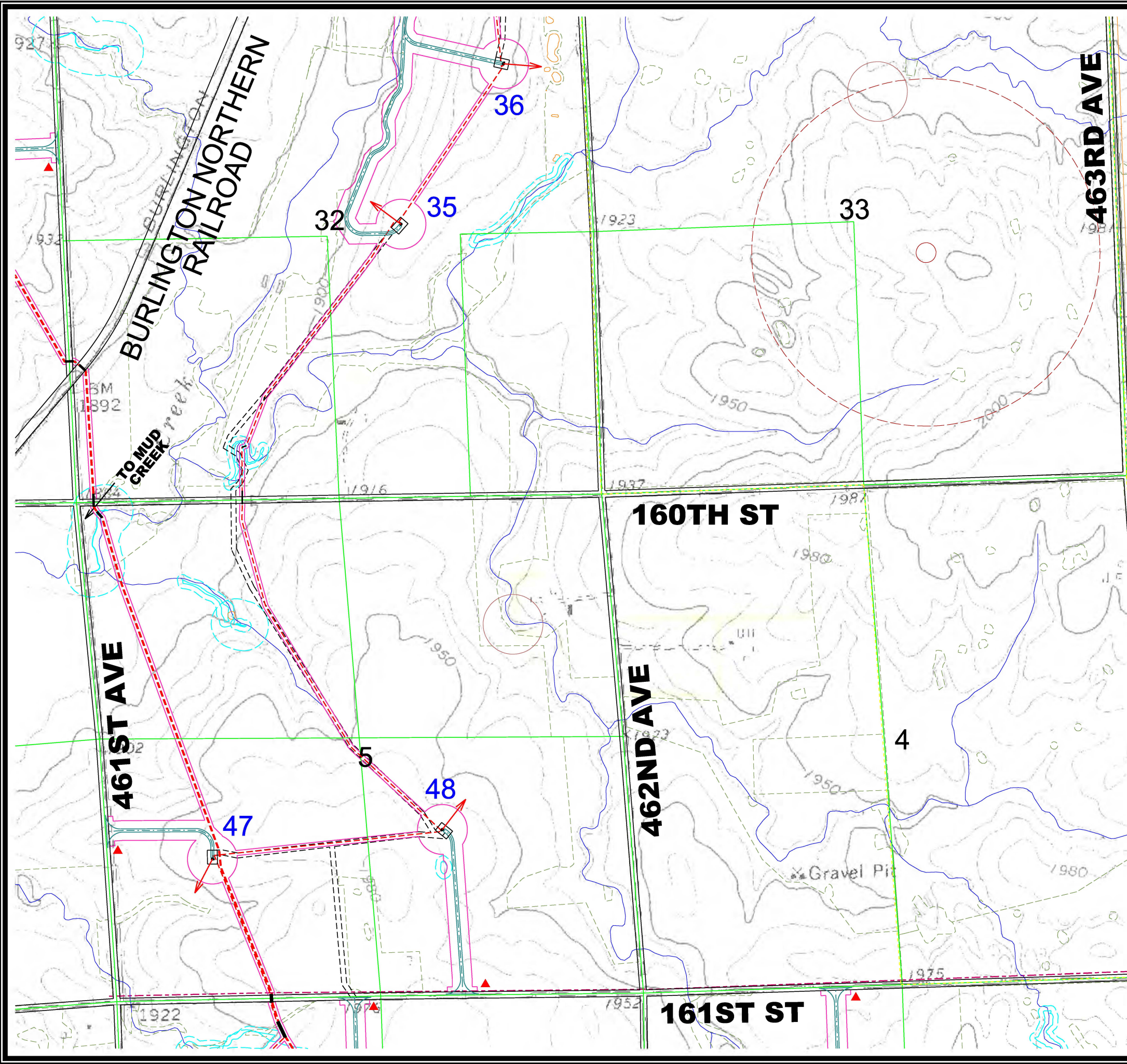


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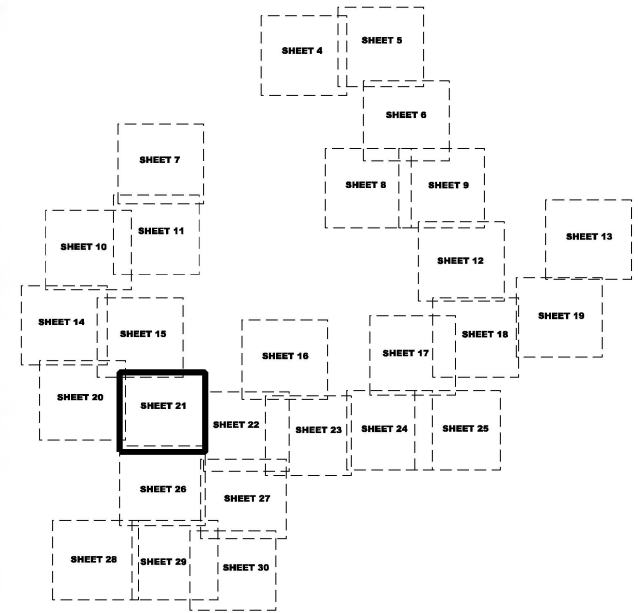


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CODINGTON & GRANT COUNTIES, SOUTH DAKOTA				
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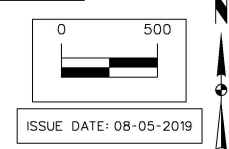
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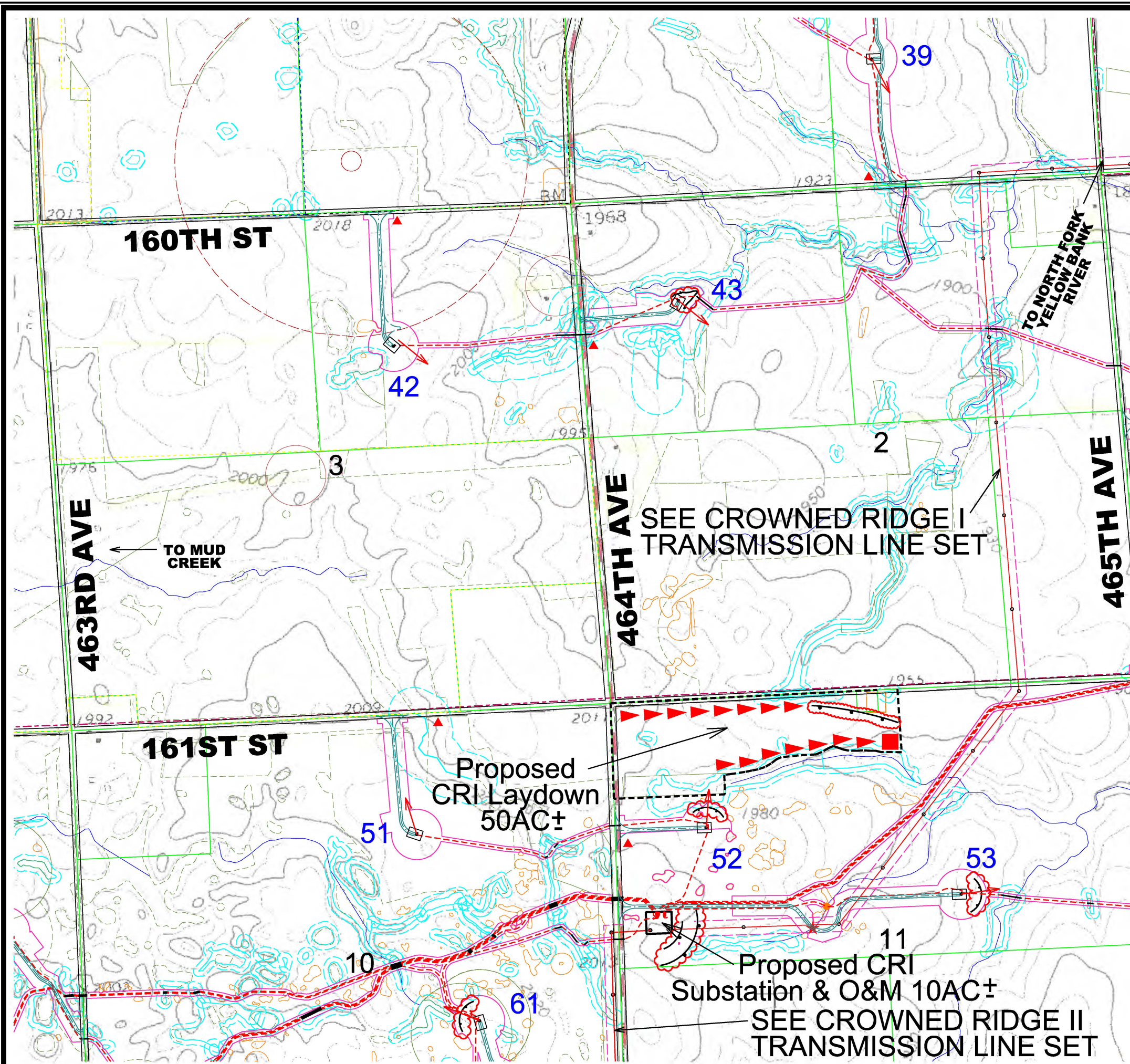
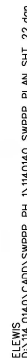
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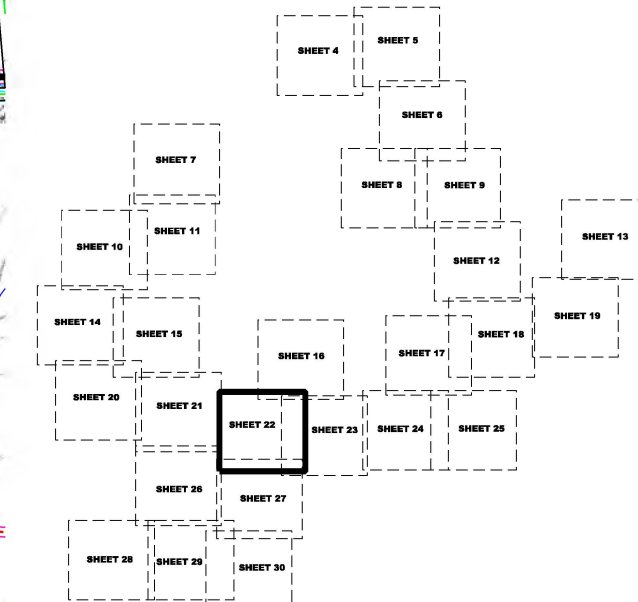
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		Engineer: EAH	Checked By: BJJ	Scale: 1"= 500'	
		Technician: EAL	Date: 07-05-19	Field Bk:	
Project No: 1140140				Sheet 21 of 33	

CROWNED RIDGE I WIND	CODINGTON & GRANT COUNTIES, SOUTH DAKOTA
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SNYDER & ASSOCIATES, INC.	
1751 MADISON AVENUE COUNCIL BLUFFS, IA 51503 712-322-3202 www.snyder-associates.com	

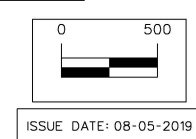
	Project No: 1140140
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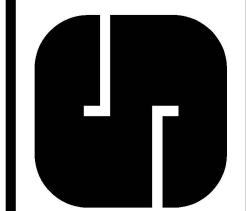
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CROWNED RIDGE I WIND

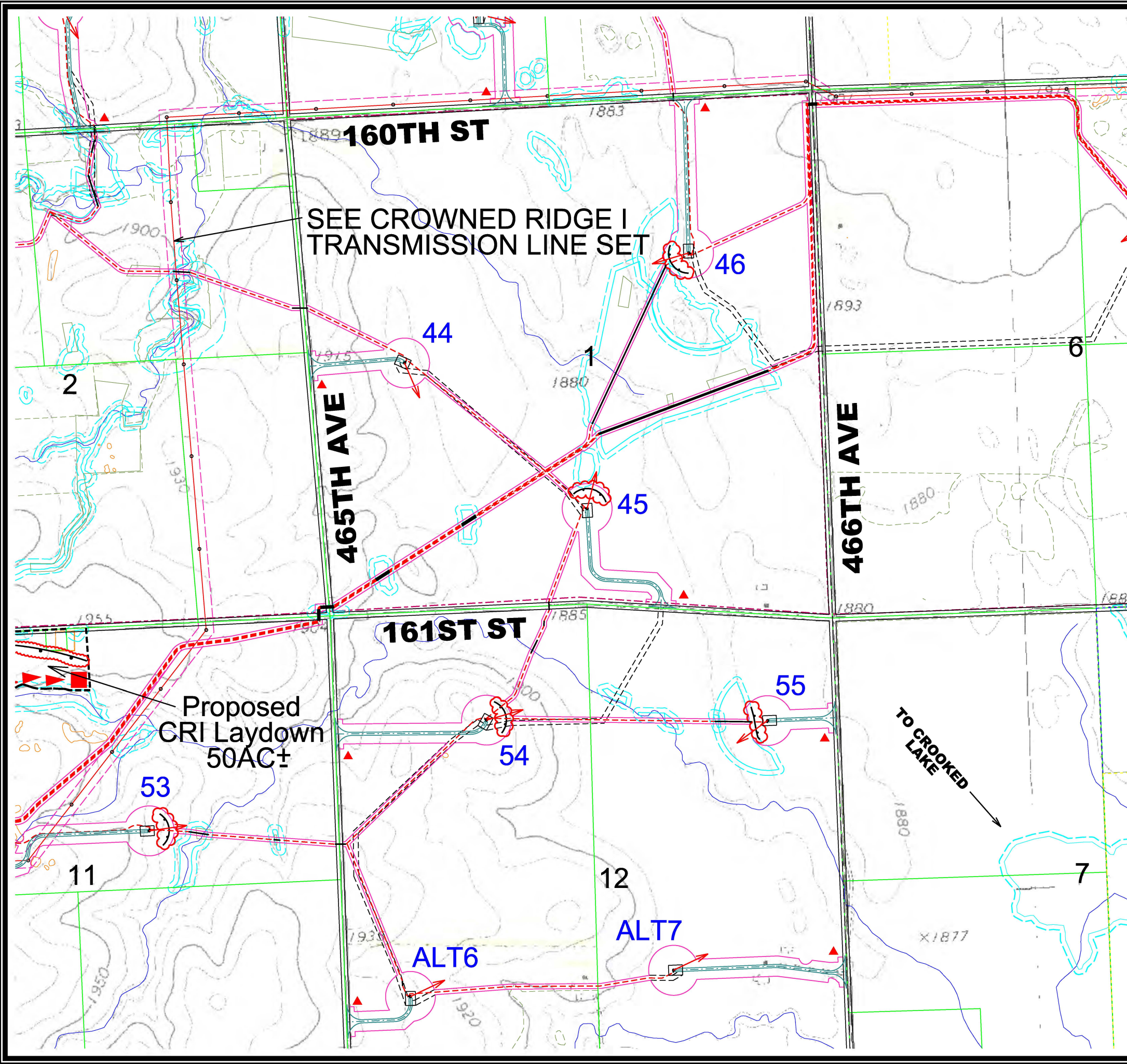
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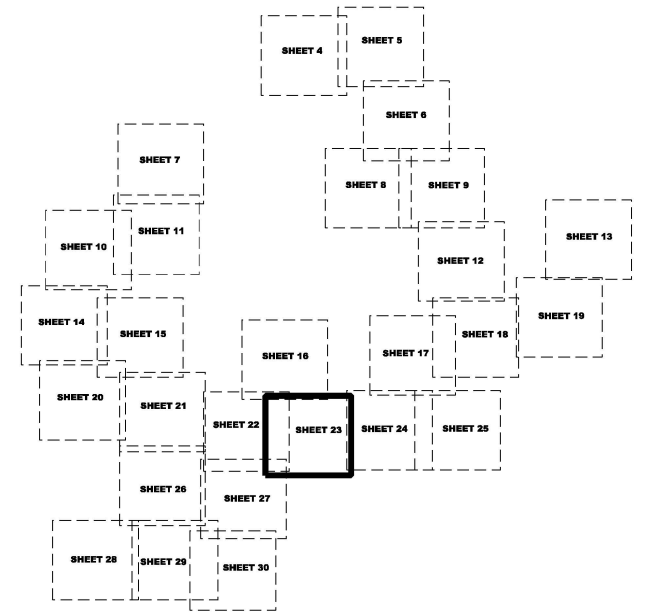


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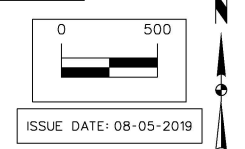
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CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION PLAN

SNYDER & ASSOCIATES, INC.

1751 MADISON AVENUE
COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com

Project No: 1140140

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MARK	REVISION	DATE	BY
Engineer: EAH	Checked By: BJJ	Scale: 1"= 500'	Pg:
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Project No: 1140140		Sheet 23 of 33	

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SEE CROWNED RIDGE I
TRANSMISSION LINE SET

160TH ST

TO NORTH FORK
YELLOW BANK RIVER

161ST ST

467TH AVE

RAILROAD

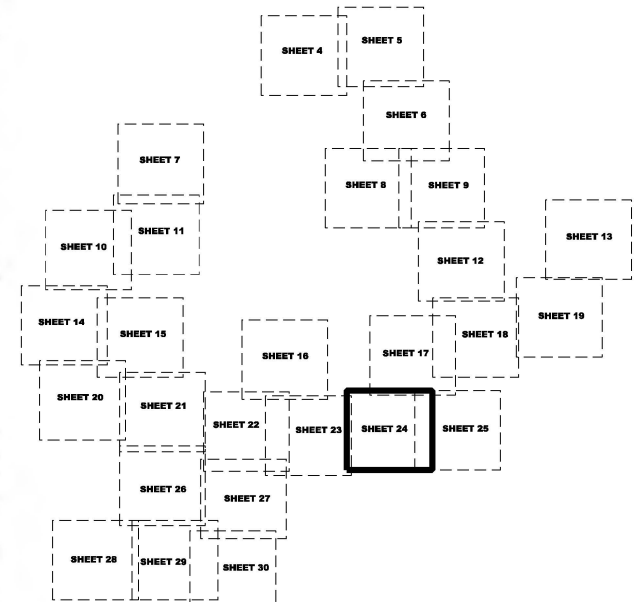
Troy Cem

Grave Pits

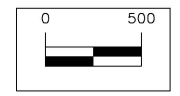
NATURAL WATER
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ISSUE DATE: 08-05-2019

MARK		REVISION	DATE	BY
Engineer:	EAH	Checked By:	BJJ	Scale: 1"= 500'
Technician:	EAL	Date:	07-05-19	Field Bk:
Project No:			1140140	Sheet 24 of 33

CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION PLAN

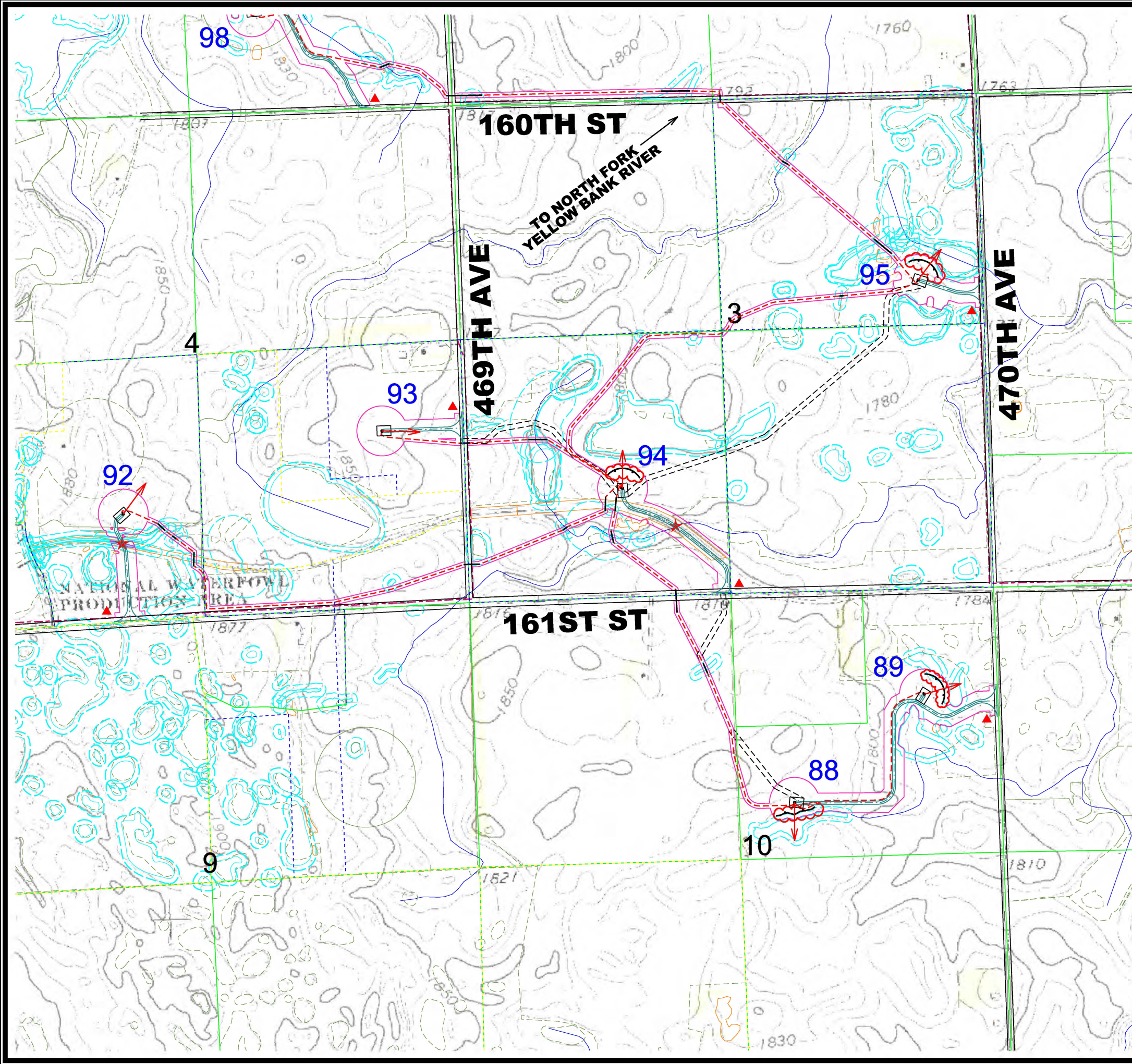
CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

SNYDER & ASSOCIATES, INC.

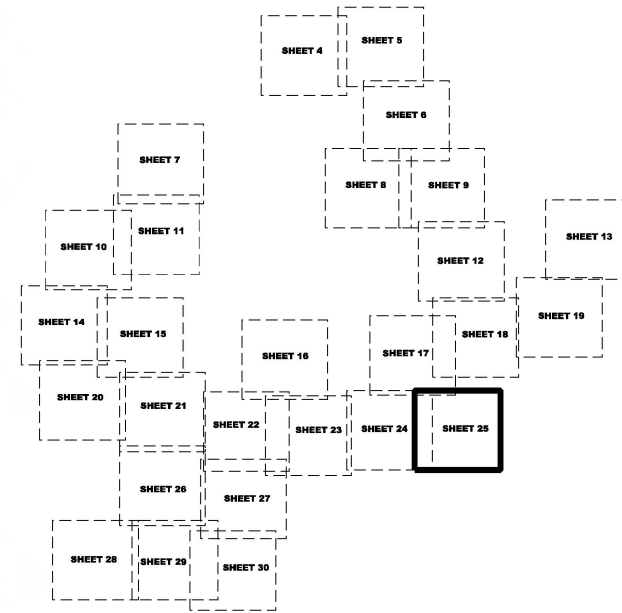
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COUNCIL BLUFFS, IA 51503
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Project No: 1140140

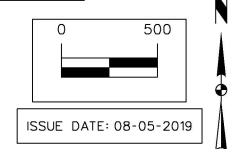
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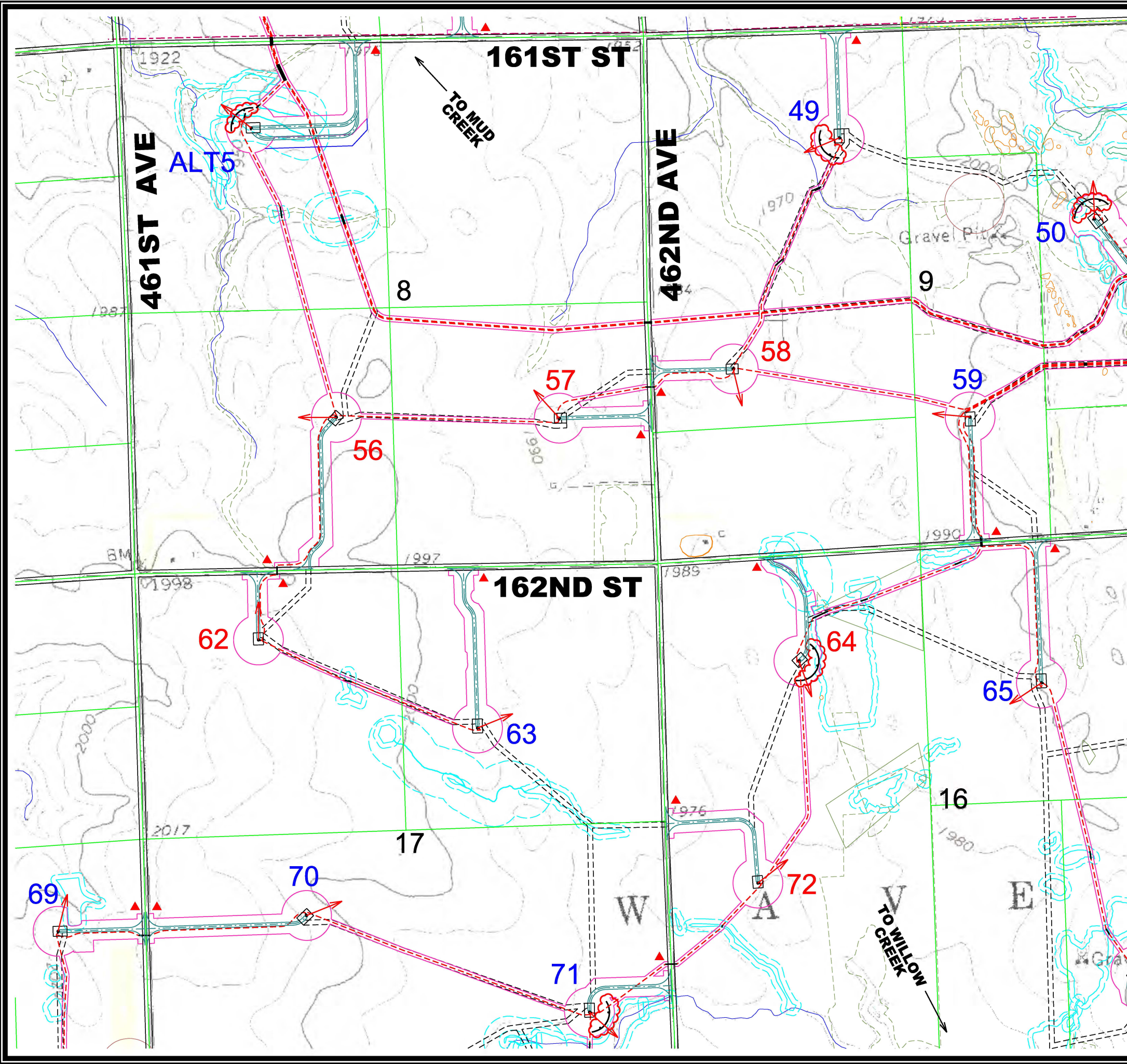
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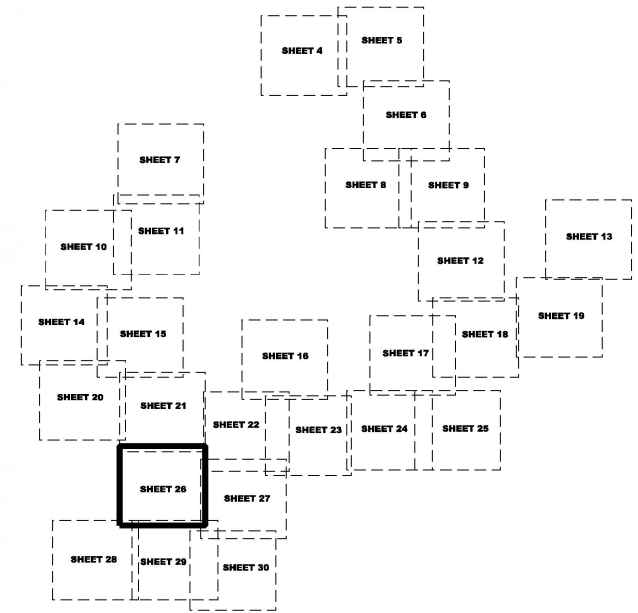
CROWNED RIDGE I WIND	CODINGTON & GRANT COUNTIES, SOUTH DAKOTA
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SNYDER & ASSOCIATES, INC.	
1751 MADISON AVENUE COUNCIL BLUFFS, IA 51503 712-322-3202 www.snyder-associates.com	

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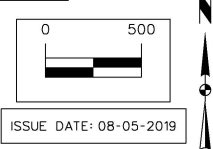
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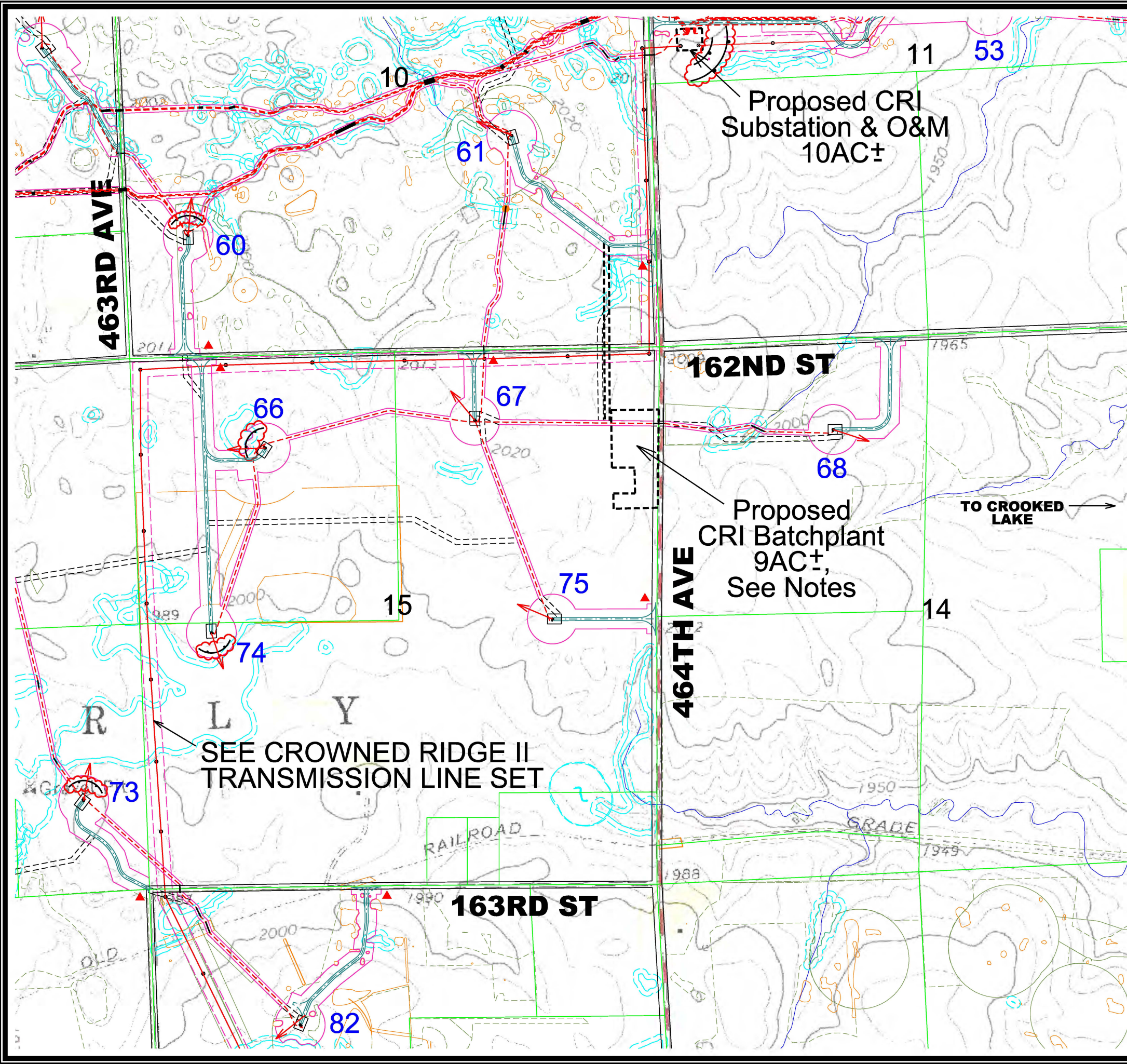


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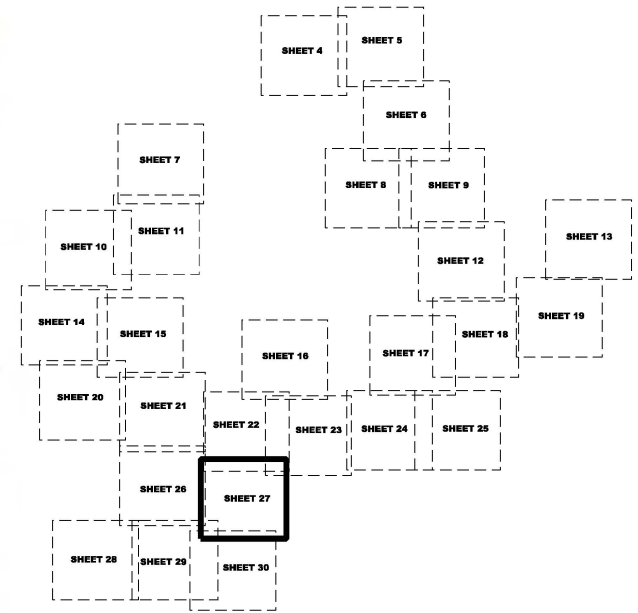
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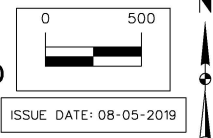


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NOTES:
1. CONTRACTOR TO INSTALL SWPPP CONTROLS AS NEEDED BASED ON LAYOUT OF BATCHPLANT AREA.

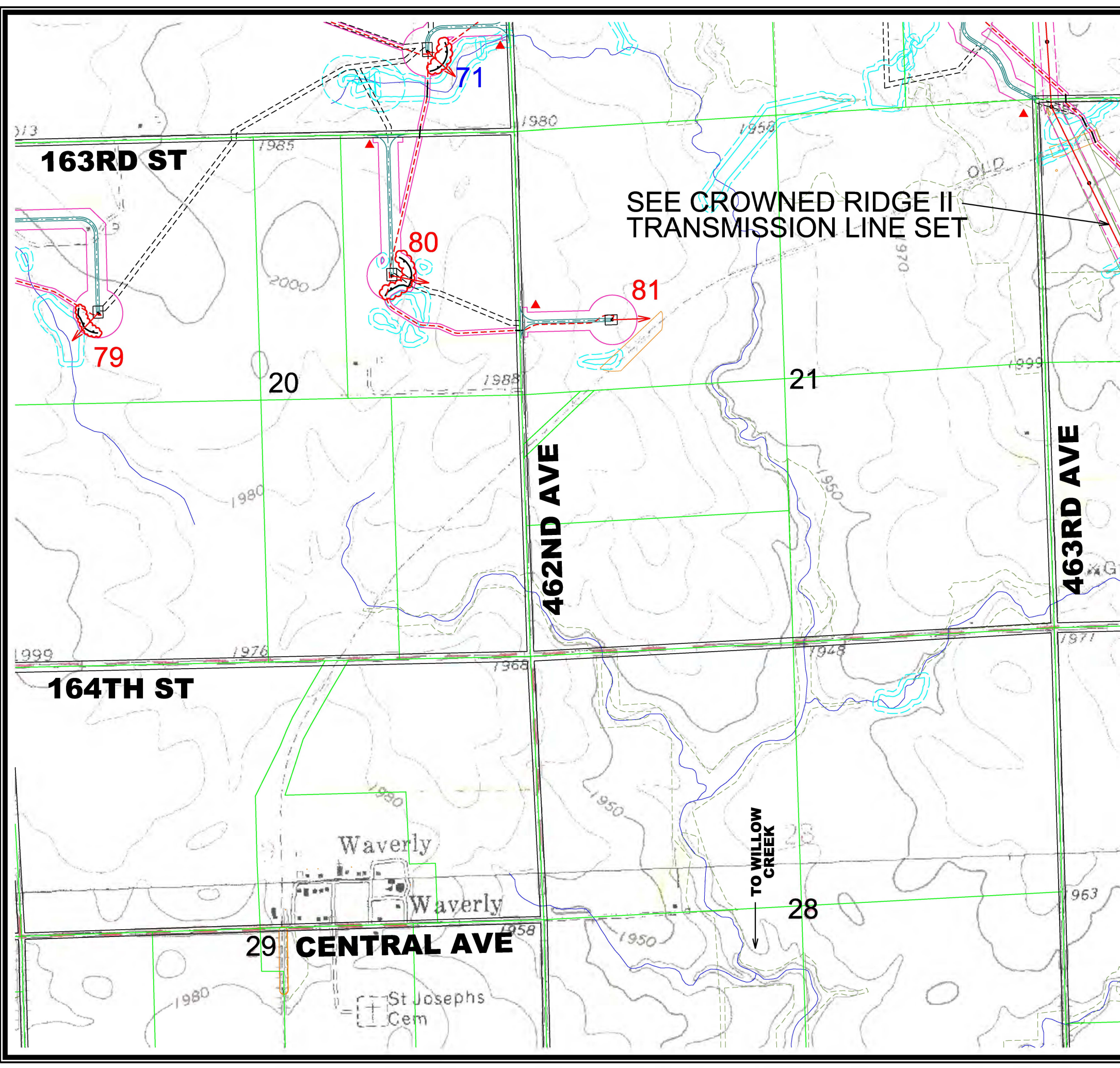


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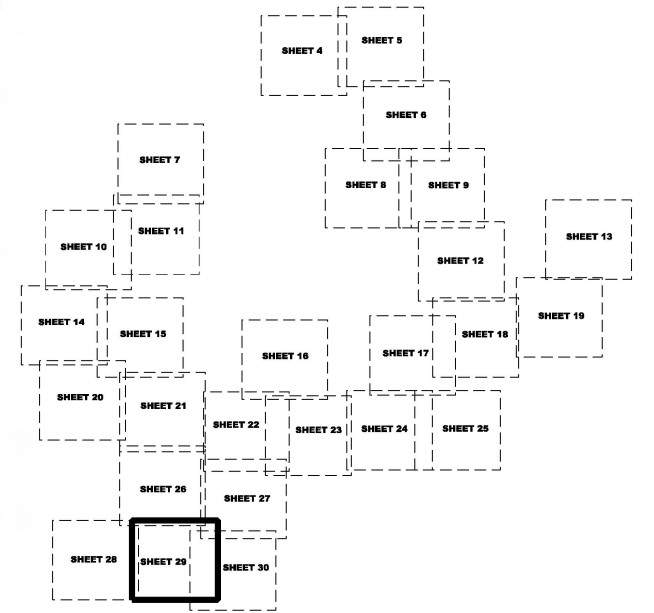
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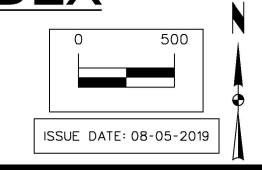
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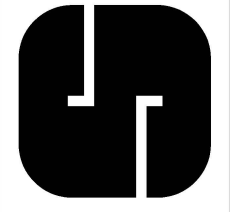


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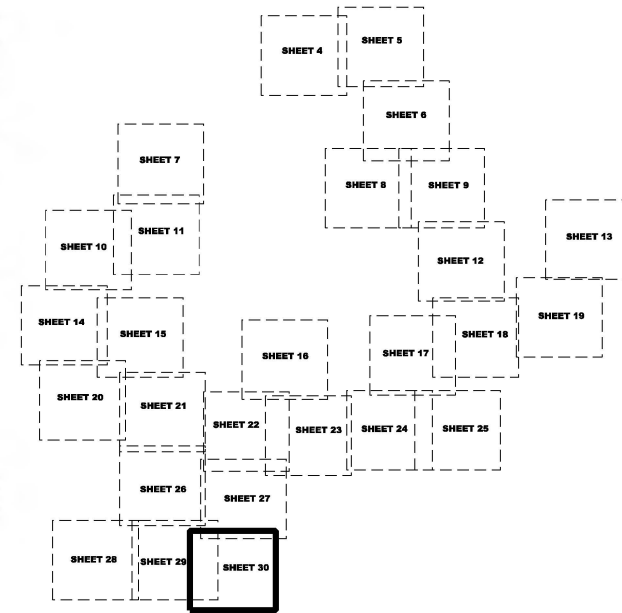


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STORM WATER DISCHARGE PERMIT

This project requires the obtaining of an NPDES General Permit No. SDR10 for Storm Water Discharges Associated with Construction Activity from the South Dakota Department of Environmental and Natural Resources (SDDENR). The permit has effective dates April 1, 2018 to March 31, 2023. The owner shall obtain a permit and is responsible for submitting a Notice of Intent (NOI) for a permit. The owner is also responsible for developing a Storm Water Pollution Prevention Plan (SWPPP).

NOTICE OF INTENT

The NOI must be submitted to the SDDENR 15 Calendar days prior to construction activities. Coverage must be obtained before land disturbing construction activities may start. Geotechnical drilling on the site does not count as a land disturbing activity. The SDDENR will send the applicant a letter stating permit coverage and assign the project a Permit Number. The Permit Number will be required for site postings, the Notice of Termination (NOT), and any correspondence with the SDDENR.

NOTICE OF TERMINATION

All parties that submitted an NOI shall submit a Notice of Termination (NOT) to the SDDENR within thirty days of final stabilization of the project. Final stabilization is defined as:
All soil disturbing activities at the site have been completed and all soils must be stabilized by a uniform perennial vegetative cover with a density of 70 percent over the entire pervious surface area, or other equivalent means necessary to prevent soil failure under erosive conditions and:
a. All drainage ditches, constructed to drain water from the site after construction is complete, must be stabilized to preclude erosion;
b. All temporary synthetic, and structural erosion prevention and sediment control BMPs (such as silt fence) must be removed as part of the site final stabilization; and
c. The permittee(s) must clean out all sediment from conveyances and from temporary sedimentation basins that will be used as permanent water quality management basins. Sediment must be stabilized to prevent it from being washed back into the basin, conveyances or drainage ways discharging off-site; or to surface waters. The cleanout of permanent basins must be sufficient to return the basins to design capacity.

REPORTING SPILLS

Where a release containing a hazardous substance or oil in excess of a reportable quantity occurs during a 24 hour period, notify the National Response Center (NRC) at 1-800-424-8802 as soon as the permittee has knowledge of the discharge. Also, notify the State of South Dakota, Division of Emergency Management at 1-605-773-3231. In addition, a written submission to both the Department and the EPA shall be provided within 5 days of the time that the permittee became aware of the circumstances.

RECORDS LOCATION AND RETENTION OF RECORDS

The owner shall retain copies of the Pollution Prevention Plan, a copy of the general permit, the signed Notice of Intent, coverage letter from the department, and the Project Inspection Diary for at least 3 years after the site is finally stabilized. A copy of the current records mentioned above shall be filed on site during project construction and be made readily available to the SDDENR upon request.

STANDARD PERMIT CONDITIONS

The contractor shall view the listing of Standard Permit Conditions that apply to this general permit. The general permit can be viewed on-line at the SDDENR website - www.denr.sd.gov/des/sw/1/Permits/ConstructionGeneralPermit2018.pdf. The contractor will be provided a copy of the general permit upon request.

STORMWATER POLLUTION PREVENTION PLAN

The SDDENR may notify the owner at any time that the SWPPP does not meet minimum requirements. After such notification, the owner shall have seven days to make changes to the plan, the contractor shall perform the required changes. The owner shall submit to the SDDENR a written certification that the requested changes have been made.

The owner shall amend the plan whenever there is a change in design, construction, operation, or maintenance that has a significant effect on storm water discharges.

The contractor shall provide personnel to inspect disturbed areas of the construction site, material storage areas for potential hazardous material leaks, vehicle entrance/exits for sediment tracking, and the site controls. The general permit requires inspection every 14 days and within 24 hours after any storm event greater than 0.25 inches of rain per 24 hour period. Permittee shall utilize a rain gage located near the site where parts of the construction site have been completed but do not meet the 70% perennial vegetative cover criteria, inspections of the stabilized areas may be reduced to once per month.

The inspector mentioned above will prepare an Inspection Form, to be kept with the SWPPP. At a minimum, each inspection report shall include: the date and time of the inspection, the name of the inspector, the qualifications/title of the inspector, scope of inspection, any actions required based on the inspection, corrective actions recommendations, date and amount of all rainfall events greater than 0.25 inches in 24 hours, documentation that the SWPPP plan has been amended when substantial changes are made to the erosion and sediment controls or other BMP's in response to inspections. The form may also include dates when major grading activities occurred or ceased in areas and dates when areas were stabilized. A list of hazardous materials stored on site at the time of inspection should be made on the inspection form as well.

Corrective action reports shall also be recorded and retained and shall include: BMP corrected; date and time of corrective action; name of person performing corrective action; corrective actions taken. Inspection reports and corrective action reports shall be certified per Section 4.6 of the SDR 10-0000 permit.

The Storm Water Pollution Prevention Plan shall be updated to reflect actions taken after inspections.

Maintenance of all temporary and permanent erosion control measures is the responsibility of the contractor. Cleaning of silt sediment basins shall begin when they have lost 50% of their capacity. Silt fence, fiber rolls or similar devices must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 1/2 the height of the device.

POLLUTION PREVENTION PLAN CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name _____ Title _____
Signature _____ Date _____
Contractor Information
Company _____ Phone # _____
Address _____

STORM WATER POLLUTION PREVENTION PLAN NOTES

SITE DESCRIPTION

- This project, located in Codington & Grant Counties, South Dakota, involves minor grading for rock surfaced turbine access roads, laydown area, substation, batch plant, O&M area, approximately 80 miles of underground collection cable, and construction of 145 wind turbine generators and electrical transmission systems for the purpose of electrical power generation and supply.
- The transmission line project area is located on approximately 35,961 acres. Minor site grading and placement of rock surfacing for laydown area, substation site, foundation excavation for the wind turbines, maintenance road construction, and underground cable trenching are the predominant land disturbing activities. The estimated disturbed area is 2,365 acres. The estimated start date for land disturbing activities is August 9, 2019 with an ending date of August 9, 2019.
- Existing surface soils throughout the site are mainly Barnes-Svea loams, Barnes-Buse-Svea loams, Barnes Clay loam, Vienna-Brookings complex, and Forman-Buse-Aastad loams. Existing land use is mostly agricultural and rangelands. This site is generally rolling, with some flat areas and some rock outcroppings.
- See the Stormwater Pollution Prevention Plan map for drainage patterns and slopes, locations of disturbed areas, location of structural controls and/or stabilization areas, and surface waters.
- The project site generally drains from swales and road ditches to unnamed tributaries of the South Fork Whetstone River, North Fork Yellow Bank River, Punished Woman's Lake, Soo Creek, Mahoney Creek, Mud Creek, Crooked Lake and Willow Creek. See the site map for storm drainage outlet locations. The following receiving surface water bodies are 303(d) waters: South Fork Whetstone River and Punished Woman's Lake.

- The laydown yard site will have a rock surface placed simultaneously with or immediately after completion of stripping topsoil. Strippings will be used to construct perimeter diversion berms on down gradient sides of sites. The sites may be stripped and rocked in phases. A Sediment trap will be constructed. At a minimum, existing vegetative buffer strips and silt fences will provide treatment of storm water discharges from the site.

EROSION AND SEDIMENT CONTROLS

A. STABILIZATION

- Disturbed areas of the construction site must complete stabilization measures by the following
- Minimize disturbed areas. Match existing land contours when possible. Minimize impervious surfaces. Protect natural vegetation outside of construction areas and disturb to a minimum inside construction areas.
- The project will use staged construction to minimize the amount of land disturbed at any one time.
- Buffer strips of existing vegetation will remain adjacent to construction zones. Buffer Strips shall be 1 foot width for every 5 feet of disturbed area which drains to the buffer.
- Dust control on the site will be monitored. The contractor will sprinkle access roads with water if the owner determines that dust is a problem.
- Seed disturbed areas within the county right of way shall be per county requirements. Seed non-crop disturbed areas on private property with a mix approved by the owner.
- A 50 foot natural buffer or equivalent erosion and sediment controls must be provided when a project is within 50 feet of a surface water and stormwater flows to the surface water. If working within 100 feet of a surface water listed as impaired for sediment, suspended solids or turbidity, a 100 foot natural buffer or equivalent sediment and erosion controls must be provided.

B. STRUCTURAL CONTROLS

- Silt Fence shall be placed downstream of disturbed areas as determined by the owner or contractor during construction. See the detail on the Stormwater Pollution Prevention Plan for correct installation of Silt Fence.
- Temporary soil stockpiles draining toward surface waters or wetlands must have silt fence or other effective sediment controls, and cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems or conduits and ditches.
- Inlet and outlet protection including energy dissipation devices for culverts will be used such as rip-rap, or geotech fabric as determined by the owner or contractor during construction.
- Existing drainage ways on the site will be protected from site run-off by the use of silt fence ditch checks, rip-rap, or geotech fabric as determined by the owner or contractor during construction.

OTHER PREVENTION MEASURES

- Construction entrances adjacent to public/private roads shall be graveled/stabilized/compacted immediately to prevent vehicle tracking of on-site sediments.
- Provide portable toilets for proper disposal of sanitary sewage. Wastes shall be collected and disposed in compliance with local, state, and federal regulations.
- Monitor construction vehicle maintenance areas. Note that external washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on-site.
- Install containment berm or other secondary containment devices around fuel storage, equipment maintenance areas, and chemical storage areas. Monitor storage areas for potential hazardous material spills. List any hazardous materials stored on site in the inspection report. Areas currently used for crop production need not be seeded, but will be finished after activities have permanently or temporarily ceased and will not resume in 14 days, working day. Disturbed graded for next seasons crops. Seed non-crop disturbed areas

ISSUE DATE: 08-05-2019

HAZARDOUS MATERIAL SPILL PREVENTING AND RESPONSE

- The contractor is responsible for training all personnel in the proper handling and cleanup of spilled materials. No spilled hazardous materials or wastes will be allowed to come into contact with storm water discharges. If contact does occur, the storm water discharge will be contained on site until appropriate measures in compliance with all Federal, State, and local regulations are followed to dispose of the hazardous substance.
- In addition to Good Housekeeping and material management practices, the following practices shall be done to minimize the potential for hazardous material spills and to reduce the risk of the spill coming in contact with storm water.
 - Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be trained regarding these procedures and the location of the information and cleanup supplies.
 - Materials and equipment necessary for spill control, containment and cleanup will be provided onsite in the material storage area. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, sorbent booms, and plastic and metal trash containers.
- In the event of a spill, the following procedures will be followed:
 - All spills will be cleaned up immediately following discovery.
 - The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with the hazardous substance.
- Material Management Practices- the following is a list of practices that will be used onsite to minimize the risk of spills or other accidental exposure of materials and substances to storm water runoff.
 - a. Good Housekeeping
 - An effort will be made to store onsite only enough products required to complete the job.
 - All materials stored onsite will be kept in a neat, orderly manner and in their appropriate containers. If possible, products shall be kept under a roof or other enclosure.
 - Materials will be kept in their original containers with the original manufacturer's label.
 - Whenever possible, all of a product will be used up before disposing of the container.
 - Manufacturer's recommendations for proper use and disposal will be followed.
 - The job site superintendent will be responsible for daily inspections to ensure proper use and disposal of materials.
 - b. Hazardous Products
 - Products will be kept in their original containers with the original manufacturer's label.
 - The original labels and material safety data will be kept for each of the materials as they contain important product information.
 - Disposal of any excess product will be done in a manner that follows all manufacturers', federal, local and state recommended methods for proper disposal.
 - 5. The following is a list of potential sources of pollution and specific practices to reduce pollutant discharges from the materials or sources expected to be present during construction.
 - a. Petroleum Storage Tanks
 - All onsite vehicles shall be inspected and monitored for leaks and receive preventative maintenance to reduce the chance of leakage.
 - Steps will be taken by the contractor to eliminate contaminants from storage tanks from entering ground soil. Any petroleum storage tanks kept onsite will be located with an impervious surface between the tank and the ground.
 - b. Fertilizers- shall be applied in minimal amounts as recommended by the manufacturer. It shall be worked into the soils to minimize the contact with storm water discharge.
 - c. Paints, paint solvents, and cleaning solvents- Excess paints and solvents shall not be discharged into the storm sewer system. The contractor shall refer to the manufacturer's instructions and federal regulations on the proper disposal from the site.
 - d. Concrete Wastes
 - Concrete trucks will be allowed to washout or discharge excess concrete only in specifically designed areas which have been prepared to minimize the concrete and storm water discharge from the site.
 - The hardened product from the concrete washout areas will be disposed of as other non-hazardous waste materials or may be broken up and used on the site for other appropriate uses.
 - e. Solid and construction wastes- All trash and construction debris shall be deposited into a dumpster that will be emptied as necessary. No construction waste materials will be buried on site. The dumpsters must be put in a location where the contact with the storm water discharge is minimized.

CONSTRUCTION ACTIVITIES & SCHEDULE

ACTIVITY	SCHEDULE
INSTALL ALL BMP'S NEEDED AS SHOWN ON SITE PLANS SUCH AS SILT FENCE AND OTHER STRUCTURAL CONTROLS.	PRIOR TO ANY STRIPPING OF EXISTING VEGETATION FOR CONSTRUCTION OF THE PROJECT
PROCEED WITH CONSTRUCTION AS SHOWN ON PLANS, BUT DISTURBING NO MORE AT ONE TIME THAN IS NECESSARY.	AFTER INSTALLING ALL BMP'S NEEDED AND SHOWN ON THE SITE PLANS.
BMP MAINTENANCE	ONGOING
MULCHING, EROSION MAT PLACEMENT, ESTABLISHMENT OF TEMPORARY OR PERMANENT VEGETATION	AFTER COMPLETION OF CONSTRUCTION OR WHEN WORK IS SCHEDULED TO CEASE FOR MORE THAN 14 DAYS IN ANY DISTURBED AREA.
REMOVAL OF BMP'S	BMP'S MAY NOT BE REMOVED UNTIL EACH IMPACTED DRAINAGE BASIN HAS BEEN FULLY STABILIZED.

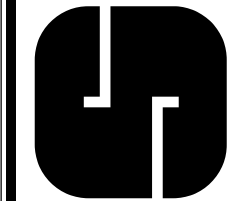
CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION PLAN NOTES

CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

SNYDER & ASSOCIATES, INC. I

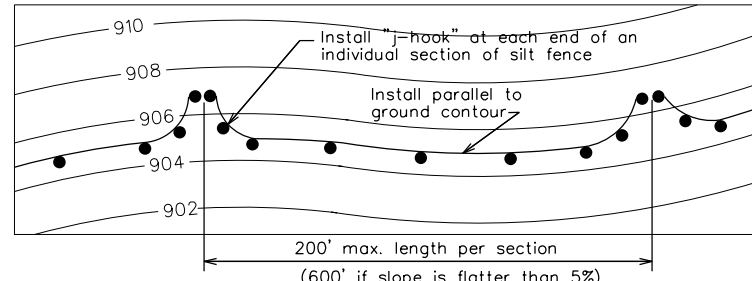
1751 MADISON AVENUE
COUNCIL BLUFFS, IA 51503
712-322-3202 | www.snyder-associates.com



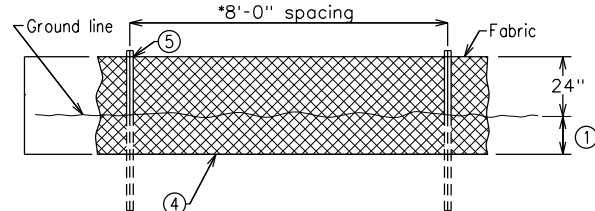
Project No: 1140140

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MARK
Engineer: EAH
Checked By: BJJ
Scale: 1"= NTS
Field Bk: 07-05-19
Date: 1140140
Project No: Sheet 31 of 33



TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(PLAN VIEW)

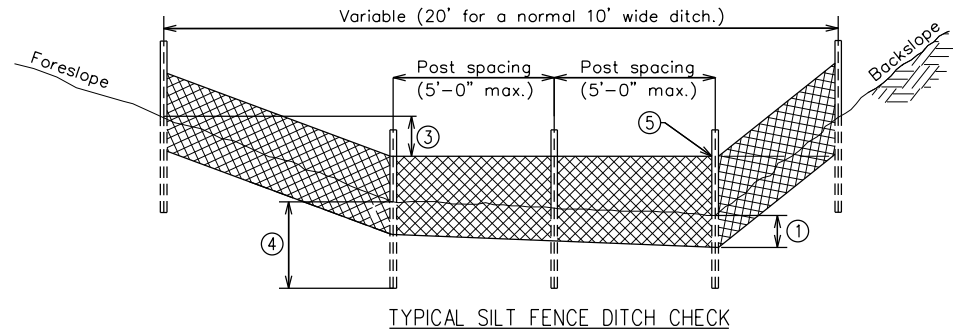


DETAILS OF SILT FENCE ON LONGITUDINAL SLOPES

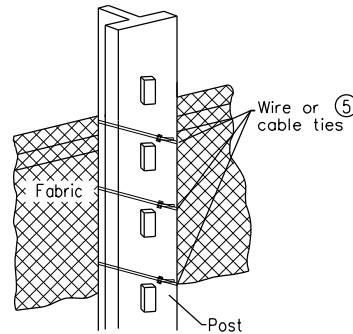
*Reduce post spacing to 5'-0" at water concentration areas, or as required to adequately support fence

SILT FENCE SPACING	
SLOPE STEEPNESS	MAXIMUM SLOPE SPACING (FT.)
2:1	50
3:1	75
4:1	125
5:1	175
FLATTER THEN 5:1	200

SILT FENCE TO BE PLACED ON THE CONTOUR



TYPICAL SILT FENCE DITCH CHECK



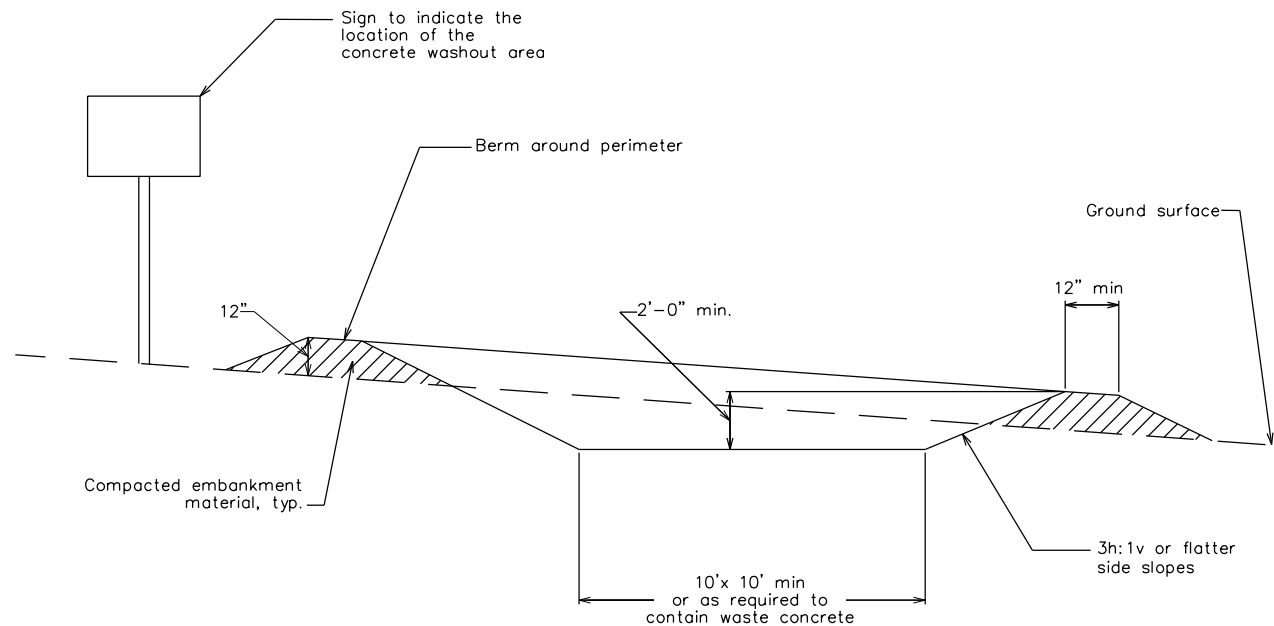
ATTACHMENT TO POST

GENERAL NOTES:

Install silt fence according to the requirements and at locations shown in the contract documents or as directed.

- 1 Insert 12 in. of fabric a minimum of 6 in. deep (fabric may be folded below the ground line)
- 2 Compact ground by driving along each side of the silt fence as required to sufficiently secure the fabric in the trench to prevent pullout and flow under the fence.
- 3 In ditches, extend silt fence up side slope so the bottom elevation at the end of the fence is a minimum of 2 in. higher than the top of the fence in the low point of the ditch.
- 4 Steel posts to be embedded 20 in.
- 5 Secure top of engineering fabric to steel posts using wire or plastic ties (50 lb. min.). see details of "attachment to posts."

SILT FENCE DETAIL
NOT TO SCALE



CONCRETE WASHOUT AREA
NOT TO SCALE

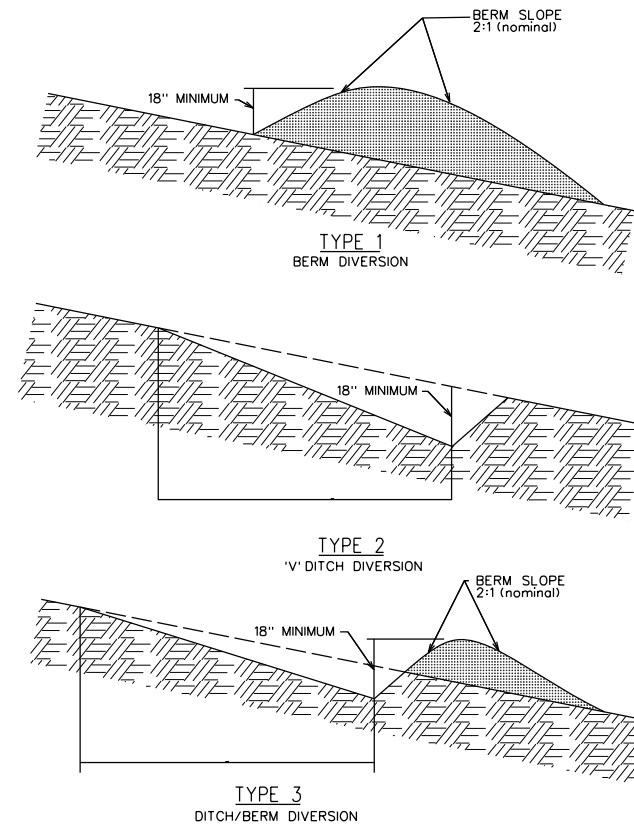
NOTES:

1. Concrete washout area shall be installed prior to any concrete placement on site. a prefabricated concrete washout container may be used instead of constructing washout area.
2. Contractor shall determine the locations and number of concrete washout areas.
3. Vehicle tracking control is required if access to concrete washout area is off pavement.
4. Signs shall be placed at the construction entrance, at the washout area, and elsewhere as necessary to clearly indicate the location of the concrete washout area to operators of concrete trucks and pump rigs.
5. The concrete washout area shall be repaired and enlarged or cleaned out as necessary to maintain capacity for wasted concrete.
6. At the end of construction, all concrete shall be removed from the site and disposed of at an accepted waste site or may be broken up and used on the site for other appropriate uses. any remaining waste water shall be disposed of at a facility that accepts processed waste water.
7. When the concrete washout area is removed, the disturbed area shall be seeded and mulched or otherwise stabilized in an acceptable manner.

NOTE:

1. DIVERSION TYPES 1,2, AND 3 MAY BE USED INTERCHANGEABLY UNLESS OTHERWISE SPECIFIED
2. THE CONTRACTOR SHALL DETERMINE IF TEMPORARY DIVERSION DITCH/BERM WILL BE NECESSARY BASED ON SITE CONDITIONS.

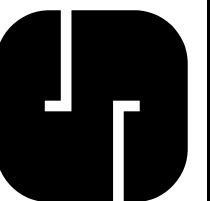
TEMPORARY DIVERSION DETAIL
NOT TO SCALE



CROWNED RIDGE I WIND

STORM WATER POLLUTION PREVENTION DETAILS CODINGTON & GRANT COUNTIES, SOUTH DAKOTA

SNYDER & ASSOCIATES, INC.
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ISSUE DATE: 08-05-2019

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**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF SOUTH DAKOTA**

IN THE MATTER OF THE APPLICATION)	
BY CROWNED RIDGE WIND, LLC FOR A)	EL19-003
PERMIT OF A WIND ENERGY FACILITY)	
IN GRANT AND CODINGTON COUNTIES)	CERTIFICATE OF SERVICE
)	

I hereby certify that true and correct copies of the following documents:

1. Storm Water Pollution Prevention Plans;
2. Department of Environment and Natural Resources Approval; and
3. DENR Notice of Intent;

were served electronically to the parties listed below on the 21st day of August, 2019,
addressed to:

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