| Agenda | **Yankton County Commission**<br>**6:00 PM, Tuesday, April 4, 2023**<br>**Commission Chamber**<br>**Yankton County Government Center**<br><br>**DOCUMENTS WILL BE AVAILABLE AT AUDITOR'S OFFICE FOR REVIEW BEGINNING**<br>**March 31st. COPIES AVAILABLE FOR $1.00 PER PAGE** |
|---|---|
| **Meeting chaired by:** | Don Kettering, Chairman |
| **01 Call to order:** | 6:00 PM **PLEDGE OF ALLEGIANCE** |
| **02 Roll Call:** | _____ Wanda Howey-Fox _____ Ryan Heine_____ John Marquardt<br>_____ Dan Klimisch _____ Don Kettering |

**AGENDA ITEMS**

| No. | Time | Item Description | Presenter |
|---|---|---|---|
| 03 | 6:00 PM | Abstain<br>Financial Conflict of Interest (SDCL 6-1-17)<br>Non-Financial Interest-Must State Reason for Abstaining | Chairman Kettering |
| 04 | | Approval of Agenda | |
| | 6:03 PM | Public comment is a time for persons to address this body on any subject. No action may be taken on a matter raised under this item of the agenda until the matter itself has been specifically included on an agenda as an item upon which action will be taken. Each person has up to three minutes to speak. There shall be no personal attacks against the members of this body, county staff, individual, or organizations. The Chair has the authority to enforce this policy. Failure to adhere to these rules may result in forfeiture of the remaining speaking time. | Public Comment |
| 05 | 6:05 PM | Historic Preservation | Bernie Hunhoff |
| 06 | 6:10 PM | 2023 DOT Joint Weed Spraying Agreement | Jim Liebsch |
| 07 | 6:15 PM | Certificate of deposits for county money | Commission |

| | | | |
|---|---|---|---|
| 08 | 6:20 PM | Families Feeding Families | Margaret Byfield<br>Julie Auch |
| | | Board of Adjustment | |
| 09 | 6:30 PM | East River Electric - CUP | Gary Vetter |
| 10 | 6:35 PM | Article 4 and Maps – First Reading | Gary Vetter |
| | | Regular Session | |
| 11 | 6:40 PM | Appoint Planning Commission Members | Garry Vetter |
| 12 | 6:45 PM | Ambulance Administration Job Description | Commission |
| 13 | 6:50 PM | Strategic Planning | Commission |
| 14 | 6:55 PM | March 21, 2023 Minutes | Commission |
| 15 | 7:00 PM | March 2023 Payroll<br>April 4, 2023 Claims | Auditor |
| 16 | 7:05 PM | Public Comment | |
| 17 | 7:10 PM | Commissioner Updates | Commission |
| 18 | 7:15 PM | Executive Session/Poor Relief Issues Pursuant to SDCL 1-25-2 & 28-13 and 28-13-1.3 | State Attorney |
| | | Items for Next Meeting | |

**Yankton County Planning Commission**
Yankton County Board of Adjustment

Applicant East River Electric 1/27/2023

**District type**: ☐ AG ☐ R1-Low ☒ R2-Moderate ☐ R3-High ☐ C-Comm.

☐ LC – Lakeside Commercial ☐ RT-Rural Transitional

CUP needed:
☐ Section 507 ☐ Section 607 ☒ Section 707 ☐ Section 807

☐ Section 1805 ☐ Section 1905 ☒ Section 2503

**NOTE:**

**Conditional Use Permit**

Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

PC: Article 18 Section 1805
BOA: Article 19 Section 1905

Planning Commission date:
3/14/2023

Time:
7:05
PM

Board of Adjustment date:
4/4/2023

Time:

Permit Number: CUP-2023-88

# Yankton County

_____ Variance  _X_ Conditional Use  _____ Rezoning

Owner: East River Electric Power Cooperative, Inc.

Owners Address: 211 S. Harth Ave., Madison, SD 57042

Owners Phone: 6052568269

Applicants Name, if different from Owner: Jerae Wire

Applicants Address: 211 S. Harth Ave., Madison, SD 57042

Job Address: 206 S DEER BLVD, Yankton, 57078

Legal: S60 ACRES SW4

Section, Township, Range: 15-93-56

Zoning Classification: R2

Affected Zoning Ordinance: Section 7072503Section 7072503

Reason for Request: To install a 60' communication tower on the property owned by East River Electric for internal only system communications for our substation

List Specific Hardships: This SCADA communication tower is an essential accessory to our substation for both monitoring and controlling functions.

SCHEDULED FOR PLANNING COMMISSION ACTION (DATE): 03/14/2023 8:05 PM CST

SCHEDULED FOR BOARD OF ADJUSTMENT ACTION (DATE): _____

Application Fee: $3 00.00  Check #: 213758068  Receipt #: _____

Signature: Jerae Wire  Date: 01/27/2023

East River Electric Power

# Site Map


Parcel Number: 09.015.300.200

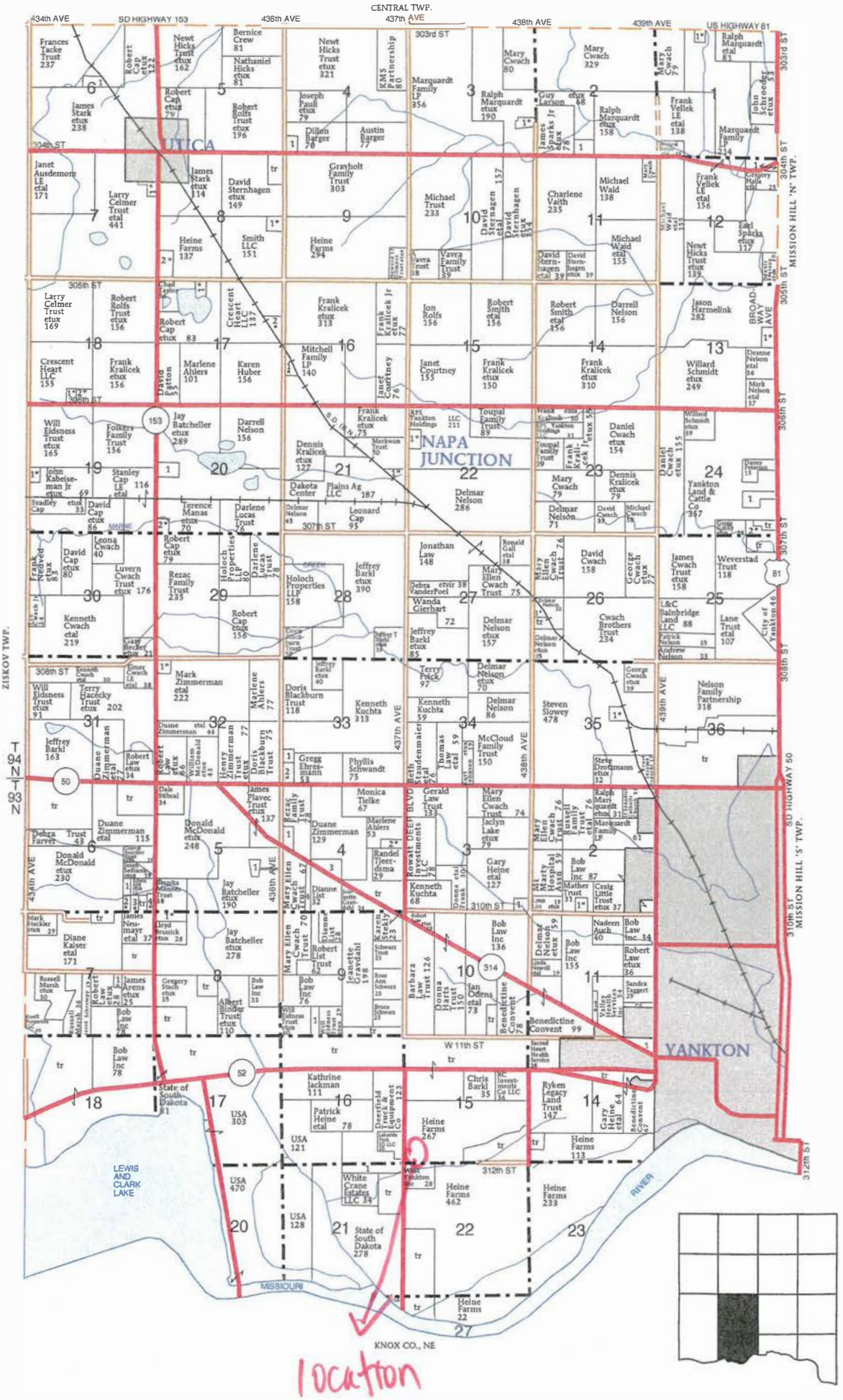
Site Description: The tower location will be 36'-7" from our south site fence and 16' from our west site fence. Our site fence will be set back 50' from the right of way line on the south side of the property and 80' from the west ROW line.
146' from South Deer BlVD center line
337-7" from our south property line

T-93-94-N

# UTICA PLAT

(Landowners)

R-56-W




## UTICA TOWNSHIP

**SECTION 1N**
1. Siebrandt, Jacob etux 5

**SECTION 2N**
1. Kralicek, Melissa 11

**SECTION 2S**
1. Holdahl, Robert etux 5

**SECTION 3N**
1. Grate, Leo etux 11

**SECTION 3S**
1. Holtzmann Family Trust 7

**SECTION 4N**
1. Nedved, Mark 7

**SECTION 4S**
1. Larson, Robert 8
2. Brandt Trust, Merle etal 11
3. Zimmerman, Steve 20
4. List Trust, Robert 18

**SECTION 5S**
1. Batcheller, Jay 8

**SECTION 6N**
1. Town of Utica 6

**SECTION 6S**
1. Maska, Leann 5
2. Olivier, Curtis etux 6
3. Loecker, Mark etux 5
4. Blaha, Jon etux 5

**SECTION 7N**
1. Anthony, Craig etux 10

**SECTION 7S**
1. Philips, Timothy etux 5

**SECTION 8N**
1. Christianson, David etux 6
2. Hughes, Scott etux 13

**SECTION 8S**
1. Fanta, Timothy etux 9

**SECTION 9S**
1. Rokahr, Steven 9

**SECTION 11S**
1. Heceky Trust, Terrance etux 11
2. Affordable Self Storage LLC 8

**SECTION 12N**
1. Marquardt Family LP 6

**SECTION 13N**
1. Cotton, Jeffrey etux 8

**SECTION 14S**
1. Yankton Medical Clinic PC 12

**SECTION 16N**
1. Anstine, Rodney etux 7

**SECTION 17N**
1. Schenkel, Darrell etux 8
2. Tacke, WM etux 13

**SECTION 18N**
1. Cap LE, Stanley etal 5
2. Cap, Robert etux 7

**SECTION 19**
1. Schenkel, Daniel etux 7

**SECTION 20N**
1. Yankton Co Sharpshooters Assn 12
2. Johnson, Michael etux 9

**SECTION 21N**
1. Kralicek, Frank etux 5

**SECTION 21S**
1. White Crane Estates LLC 18

**SECTION 22N**
1. Taggart, William etux 9

**SECTION 24**
1. Marquardt, Doug 13
2. Keller, Dallas etux 10

**SECTION 26**
1. Barnes, David etux 7

**SECTION 32**
1. Zimmerman Trust, Henry etal 12

**SECTION 33**
1. Delozier, Darrik 6
2. Waddell, Edward etux 8

**SECTION 35**
1. Slowey, Steven etux 14

**FINDINGS OF FACT – CONDITIONAL USE PERMIT**

**East River Electric – CUP-2023-88**

| | |
|---|---|
| Are the requirements of Section 1723 met?<br>(signed by owner unless there is a binding purchase agreement then signed by applicant, Variance accompanied by building permit (if applicable), site plan included with building permit, | Yes |
| Are the requirements of Section 1729 met?<br>(all fees paid at time of application) | Yes |
| Section 1805: | |
| 1. Did you specifically cite, in the application, the section of the Ordinance under which the conditional use is sought and state the grounds on which it is requested | Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. |
| 2. Was notice of public hearing given per Section 1803 (3-5)? | Mailed – 3/1/2023<br>Published – 3/3 & 3/10/2023 |
| 3. Attend the public hearing | Yes |
| 4. Planning Commission: Make a recommendation to include:<br><br>a. Granting of conditional use;<br>b. Granting with conditions; or<br>c. Denial of conditional use | Grant conditional use with the condition applicant provides information regarding the possible hazards of microwaves at the County Commission meeting. **Passed 6-0** |
| 5. Planning Commission must make written findings certifying compliance with specific rules including:<br><br>a. Ingress and Egress to proposed structures thereon with particular reference to automotive and pedestrian safety and convenience, traffic flow and control, and access in case of fire or catastrophe: | Ingress/Egress exists |
| b. Off right-of-way parking and loading areas where required; with particular attention to the items in (A) above and the economic, noise, glare or odor effects of the conditional use on adjoining properties and properties generally in the district; | None required |
| c. Refuse and service areas, with particular reference to the items in (A) and (B) above; | Refuse and service area present |
| d. Utilities, with reference to locations, availability, and compatibility; | Utilities present and compatible |
| e. Screening and buffering with reference to type, dimensions, and character; | Screening to be installed |
| f. Signs, if any, and proposed exterior lighting with reference to glare, traffic safety, economic effect; | None required |
| g. Required yards and other open spaces; and | None required. If tower were to collapse, it would fall within the boundaries of the substation |
| h. General compatibility with adjacent properties and other property in the district and that the granting of the conditional | Is in general compatibility and will not adversely affect public interst |

| | |
|---|---|
| use will not adversely affect the public interest. | |

MEETING (ENTITY): PLANNING COMMISSION REGULAR OR SPECIAL MEETING: Regular
DATE: 3/14/2023 TIME: 7PM LOCATION: COMMISSION CHAMBERS

STAFF ATTENDANCE: Conkling/Vetter
ROLL CALL: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒NELSON ☒WEISS ☒HOFFMAN
APPROVAL OF MINUTES: MOTION BY: Evans SECOND BY: Hoffman
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

APPROVAL OF AGENDA: MOTION BY: Hoffman SECOND BY: Evans
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **East River Electric – Conditional Use Permit**
ADDRESS/LEGAL: Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota
COMMENTS: Jarae Wire – East River Electric
Tim Kellen – neighbor – concerns about microwave signals

MOTION: Approve with the condition that applicant provide information regarding the possible hazards of microwaves at the County Commission meeting
**Passed 6-0**
APPROVAL: MOTION BY: Barkl SECOND BY: Evans
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **Frick - Variance**
ADDRESS/LEGAL: Applicant is requesting a variance to minimum lot size in an Agriculture District. Applicant wishes to Replot one previously platted lot into two lots each smaller than 20 acres per Article 18 Section 1807. Said property is legally described as Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4 of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 Address is 30499 SW Jim River Rd, Yankton, South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaefli's 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183
COMMENTS: Chris Frick – Applicant
Kim Mueller - Applicant

MOTION: **Withdrawn by applicant**

APPROVAL: MOTION BY: _____ SECOND BY: _____
PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

AGENDA ITEM: **Article 4 and Maps**
ADDRESS/LEGAL:
COMMENTS: None

MOTION:
**Recommend sending to County Commission for approval**
**Passed 6-0**

APPROVAL: MOTION BY: Michael SECOND BY: Weiss
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **Frick - Plat**
ADDRESS/LEGAL: Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4 of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. This plat vacates previously platted Lot A of Lot 4 of Schlaefli's 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183
COMMENTS:

MOTION: **Withdrawn by applicant**

APPROVAL: MOTION BY: _____ SECOND BY: _____
PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

AGENDA ITEM: **Smit - Plat**
ADDRESS/LEGAL: Plat of Tract A of Katie's Addition, in the SE1/4 of the NE1/4 of Section 17, T96N, R55W of the 5th P.M., Yankton County, South Dakota
COMMENTS: None

MOTION: Approve as presented
**Passed 6-0**

APPROVAL: MOTION BY: Michael SECOND BY: Evans
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **Discussion on ideas to promote economic development in the county**
ADDRESS/LEGAL:
COMMENTS: Commissioners shared their suggestions and ideas

MOTION: No action taken

APPROVAL: MOTION BY: SECOND BY:
PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

AGENDA ITEM: **Public Comment**
ADDRESS/LEGAL:
COMMENTS: none

MOTION: Adjourn

APPROVAL: MOTION BY: Michael SECOND BY: Hoffman
PLANNING: ☒ BARKL ☒EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM:
ADDRESS/LEGAL:
COMMENTS:

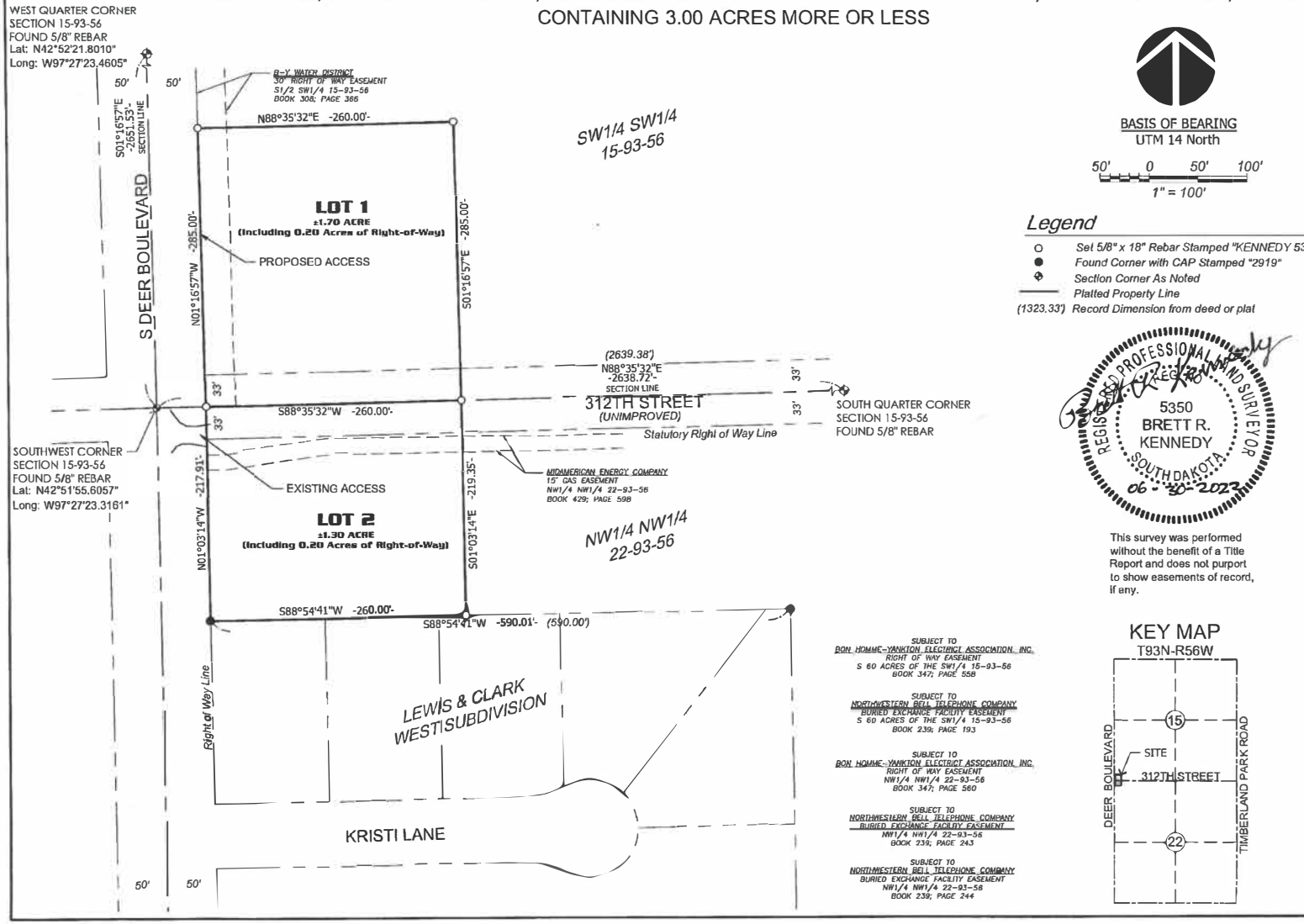
MOTION:

APPROVAL: MOTION BY: SECOND BY:
PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

PLAT OF

# LOTS 1 AND 2 OF LEWIS AND CLARK SUBSTATION ADDITION

IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15 AND IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 93 NORTH, RANGE 56 WEST OF THE 5TH PRINCIPAL MERIDIAN, YANKTON COUNTY, SOUTH DAKOTA.
CONTAINING 3.00 ACRES MORE OR LESS




SUBJECT TO
BON HOMME-YANKTON ELECTRICT ASSOCIATION, INC.
RIGHT OF WAY EASEMENT
S 60 ACRES OF THE SW1/4 15-93-56
BOOK 347; PAGE 558

SUBJECT TO
NORTHWESTERN BELL TELEPHONE COMPANY
BURIED EXCHANGE FACILITY EASEMENT
S 60 ACRES OF THE SW1/4 15-93-56
BOOK 239; PAGE 193

SUBJECT TO
BON HOMME-YANKTON ELECTRICT ASSOCIATION, INC.
RIGHT OF WAY EASEMENT
NW1/4 NW1/4 22-93-56
BOOK 347; PAGE 560

SUBJECT TO
NORTHWESTERN BELL TELEPHONE COMPANY
BURIED EXCHANGE FACILITY EASEMENT
NW1/4 NW1/4 22-93-56
BOOK 239; PAGE 243

SUBJECT TO
NORTHWESTERN BELL TELEPHONE COMPANY
BURIED EXCHANGE FACILITY EASEMENT
NW1/4 NW1/4 22-93-56
BOOK 239; PAGE 244

BASIS OF BEARING
UTM 14 North

50' 0 50' 100'
1" = 100'

## Legend

- Set 5/8" x 18" Rebar Stamped "KENNEDY 5350".
- Found Corner with CAP Stamped "2919"
- Section Corner As Noted
- Platted Property Line
- (1323.33') Record Dimension from deed or plat

REGISTERED PROFESSIONAL LAND SURVEYOR
5350
BRETT R.
KENNEDY
SOUTH DAKOTA
06-30-2023

This survey was performed without the benefit of a Title Report and does not purport to show easements of record, if any.

KEY MAP
T93N-R56W




STOCKWELL
STOCKWELL ENGINEERS, INC.
201 WALNUT STREET
YANKTON, SD 57078
PH: 605.665.8052
FAX: 605.665.0523

East River Electric

**LOTS 1 AND 2**
LEWIS AND CLARK SUBSTATION ADDITION
YANKTON COUNTY, SOUTH DAKOTA

REVISION SCHEDULE
NO. DESCRIPTION DATE

SEI PROJECT #: 22265

## SURVEYOR'S CERTIFICATE

I, Brett R. Kennedy, a Registered Land Surveyor of the State of South Dakota, do hereby certify that I did on or before June 20, 2022, survey that parcel of land described as: **LOTS 1 AND 2 OF LEWIS AND CLARK SUBSTATION ADDITION IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15 AND IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 93 NORTH, RANGE 56 WEST OF THE 5TH PRINCIPAL MERIDIAN, YANKTON COUNTY, SOUTH DAKOTA.**

I also hereby certify that this plat is to the best of my knowledge and belief, in all respects, a true description of said property.

Dated this 30th day of June , 2022.

Brett R. Kennedy, S.D. 5350

REGISTERED PROFESSIONAL LAND SURVEYOR
REG. NO
5350
BRETT R.
KENNEDY
SOUTH DAKOTA

## OWNER'S CERTIFICATE

We do hereby certify that we are the owners of all the land included in the above plat and that said plat has been made at our request and in accordance with our instructions for the purpose of locating, marking and platting, and that the development of this land shall conform to all existing applicable zoning, subdivision and erosion and sediment control regulations:

We hereby dedicate to the public for public use forever, the streets, roads, alleys and parks and public grounds, if any, as shown on said plat, including all sewers, culverts, bridges, water distribution lines, sidewalks and other improvements on or under the streets, roads, alleys, parks and public grounds, whether such improvements are shown or not. We also hereby grant easements to run with the land for water, drainage, sewer, gas, electric, telephone or other public utility lines or services under, on or over those strips of land designated hereon as easements.

Dated this____day of_____ , _____ .

By:_____ Gary J. Heine, Member

By:_____ Ronald B. Heine, Member

By:_____ Gene G. Heine, Member

By:_____ Thomas Heine, Member

By:_____ Steven M. Heine Revocable Trust
Janet. Heine, Trustee
Member

COUNTY _____)
STATE OF _____)

On this, the ____day of_____, _____, before me, the undersigned, a Notary Public, personally appeared Gary J. Heine, Ronald B. Heine, Gene G. Heine, Thomas Heine and Janet M. Heine as Members of Heine Farms S.D., L.L.C., known to me to be the person whose name is subscribed to the foregoing Dedication, and I hereby acknowledge that he/she executed the foregoing instrument.

In witness whereof, I hereunto set my hand and official seal.

My commission expires_____.

_____
Notary Public

Dated this____day of_____ , _____ .

_____
West Yankton, Inc.

COUNTY _____)
STATE OF _____)

On this, the____day of_____ , _____ , before me, the undersigned officer, appeared_____, for West Yankton, Inc., known to be the person whose name is subscribed to the within instrument and acknowledged to me that h/she, executed the same for the purposes therein contained.

In witness thereof, I have hereunto set my hand and official seal this____day of_____ , _____.

My commission expires_____ .

_____
Notary Public



SD PROJECT #: 22265

REVISION SCHEDULE
DESCRIPTION | DATE

**LOTS 1 AND 2**
LEWIS AND CLARK SUBSTATION ADDITION
YANKTON COUNTY, SOUTH DAKOTA

East River Electric

STOCKWELL
STOCKWELL ENGINEERS, INC.
321 WALNUT STREET
YANKTON, SD 57078
PH: 605.665.5033
FAX: 605.665.0523

## CERTIFICATE OF STREET AUTHORITY

The location of existing access roads abutting or approaches entering the State/County/Township Road, is hereby approved. Any changes in the existing access shall require additional aproval.

Approved this___day of_____ ,_____ .

_____
State/County/Township Road Authority

## COUNTY PLANNING COMMISSION APPROVAL

Approval of the final plan of **LOTS 1 AND 2 OF LEWIS AND CLARK SUBSTATION ADDITION IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15 AND IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 93 NORTH, RANGE 56 WEST OF THE 5TH PRINCIPAL MERIDIAN, YANKTON COUNTY, SOUTH DAKOTA,** is hereby granted by the Yankton County Planning Commission on this _____day of_____ ,_____ .

_____
Chair, County Planning Commission
Yankton County, South Dakota

## COUNTY COMMISSION APPROVAL

I hereby certify that the final plan of **LOTS 1 AND 2 OF LEWIS AND CLARK SUBSTATION ADDITION IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15 AND IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 93 NORTH, RANGE 56 WEST OF THE 5TH PRINCIPAL MERIDIAN, YANKTON COUNTY, SOUTH DAKOTA** was duly submitted to the Yankton County Board of County Commissioners, and that after due consideration the Board approved said final plan at its meeting held on the___day of_____ ,_____ .

_____
Chairman, County Commission
Yankton County, South Dakota

## COUNTY AUDITOR CERTIFICATE

I do hereby certify that the above certificate of approval is true and correct including the signature theron.

Dated this___day of _____ ,_____ .

_____
County Auditor
Yankton County, South Dakota

## DIRECTOR OF EQUALIZATION

I, the Director of Equalization of Yankton County, South Dakota, do hereby certify that a copy of the above final plan has been filed at my office.

Dated this___day of_____ ,_____ .

_____
Director of Equalization Yankton
County, South Dakota

## COUNTY TREASURER CERTIFICATE

I, Treasurer of Yankton County, South Dakota, hereby certify that all taxes which are liens upon any land shown in the above plat as shown by the records of my office, have been paid in full.

Dated this___day of_____ ,_____ .

_____
Treasurer
Yankton County, South Dakota

## REGISTER OF DEEDS

Filed for record this___day of_____ ,_____, at___ O'clock,__M., and recorded in book _____ of plats on page _____ .

_____
Register of Deeds
Yankton County, South Dakota



SD PROJECT #: 22265

REVISION SCHEDULE
SUBDIVISION DATE

**LOTS 1 AND 2**
LEWIS AND CLARK SUBSTATION ADDITION
YANKTON COUNTY, SOUTH DAKOTA

East River Electric

STOCKWELL
STOCKWELL ENGINEERS, INC.
PHONE: 605.665.7535
FAX: 605.665.6523

| Variance, Conditional Use and Rezoning Application | Fees Paid |
|---|---|
| CUP-2023-88 | $300.00 |
| Applicant | Created |
| Jerae Wire | January 27, 2023 |

Number CUP-2023-88

09.015.300.200 | East River Electric Power Cooperative, Inc. | 206 S DEER BLVD, Yankton, 57078, , SD, Submitted by Jerae M. Wire on 1/27/2023

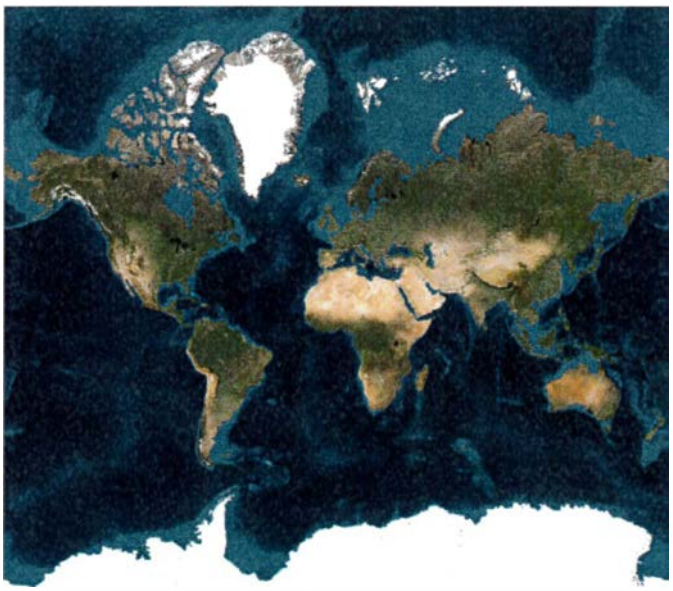
## Applicant

Jerae Wire

605-256-8269

jwire@eastriver.coop

## Parcel search Completed On 1/27/2023 12:57 PM EST by Jerae M. Wire



Earthstar Geographics

Powered by Esri

| ParcelID | Address | City | OwnerName | Acres |
|---|---|---|---|---|
| 09.015.300.200 | | | HEINE FARMS (D) | 60.000 |

## Draft Building Permit Completed On 1/27/2023 1:38 PM EST by Jerae M. Wire

**Upload Draft Building Permit**

Lewis Clark Sub - Stamped.pdf

Lewis Clark Sub Stamped Tower Foundation Designs.pdf

## Submit Completed On 1/27/2023 1:39 PM EST by Jerae M. Wire

A notification sign shall be posted on the property upon which action is pending at least seven (7) days prior to the hearing date. Such signs shall be placed along all the property's road frontage so as to be visible from the road. If a property does not have a road frontage, then such signs shall be placed upon the closest available right-of-way and upon the property. Said signs shall not be less than one hundred and eighty seven (187) square inches in size. It shall be unlawful for any person to remove, mutilate, destroy or change such posted notice prior to such hearings.

Please pick the sign up from the zoning office on or before eight (8) days prior to the meeting.

**Applicant Agreement**

Please check the box to confirm you have read and agree to the notices above.

**Signature**

**Date**

1/27/2023

Application Submitted Successfully Completed On 1/27/2023 1:39 PM EST by Jerae M. Wire

Your application has been submitted for review. Thank you.

## Please click next at the bottom to continue. Thank you

Request Information Completed On 1/27/2023 1:42 PM EST by bconkling

**Type of Request**

Conditional Use

**Fee**

$300.00

**Reason for Request**

To install a 60' communication tower on the property owned by East River Electric for internal only system communications for our subs

**List Specific Hardships**

This SCADA communication tower is an essential accessory to our substation for both monitoring and controlling functions.

## Applicant Information

**Are you the owner of the property?**

Yes

**Applicant Name**

Jerae Wire

**Applicant Address**

211 S. Harth Ave., Madison, SD 57042

**Applicant Phone**

6052568269

## Owner Information

**Owner Name**

East River Electric Power Cooperative, Inc.

**Owner Address**

211 S. Harth Ave., Madison, SD 57042

**Owner Phone Number**

6052568269

## Property Information

**Parcel ID Number**

09.015.300.200

**Legal Description**

S60 ACRES SW4

**Site Address**

206 S DEER BLVD, Yankton, 57078

**City**

**Zip**

**Section-Township-Range**

15-93-56

**Zoning District**

MD

**Zoning Description**

MD

**Existing Use of Property**

## Site Plan Completed On 1/27/2023 1:45 PM EST by bconkling

**Map - Mark the location of structures and other necessary information.**

Earthstar Geographics

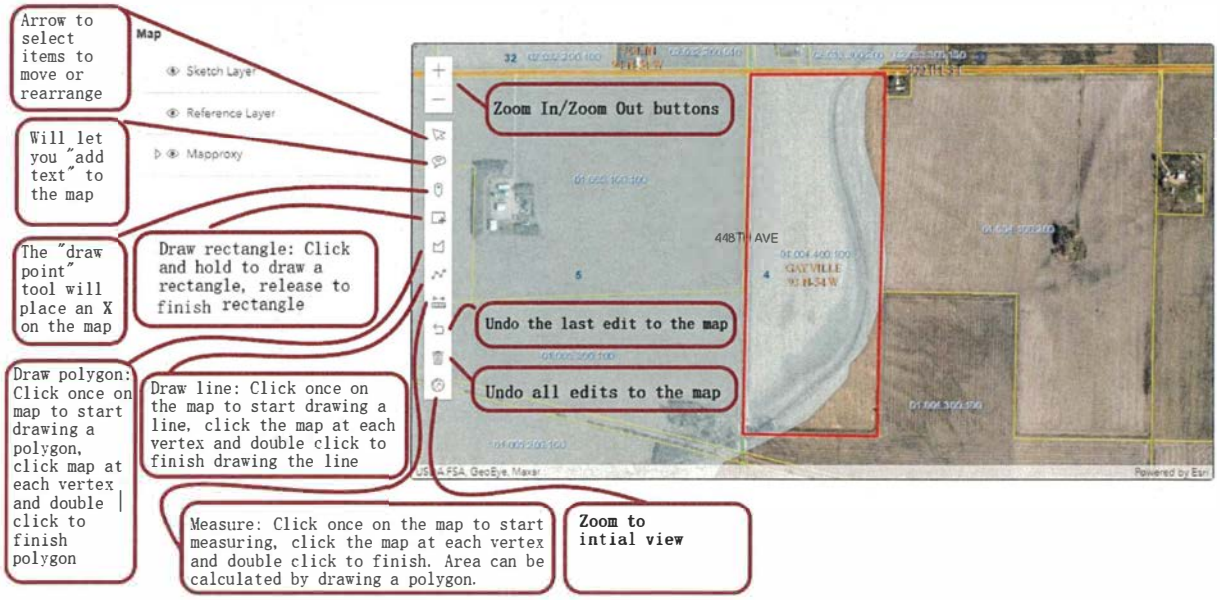
Powered by Esri

**Describe the location and use of adjacent structures**

The tower location will be 36'-7" from our south site fence and 16' from our west site fence. Our site fence will be set back 50' from the right of way line on the south side of the property and 80' from the west ROW line.
146' from South Deer BIVD center line
337-7" from our south property line

**Upload Site Plan and/or additional plans and documents**

East River Plat.pdf




## Planning Review Completed On 1/27/2023 1:49 PM EST by bconkling

**Continue with application**

Continue

**Describe what the applicant is requesting**

Applicant wishes to erect a 60' tower for internal communications with their substation, which is a permitted use.

**Planning Commission Code Reference**

Section 707

**Other Planning Commission Code Reference**

2503

**Board of Adjustment Code Reference**

Section 707

**Other Board of Adjustment Code Reference**

2503

*Please confirm the zoning provided by the applicant. If zoning is incorrect, please enter the correct zoning. It is this field that is printed on the final form to avoid applicant/system error. The correct zoning must be entered.*

**Zoning Classification**

R2

**Wave Fee**

**Notes**

## Director Review Completed On 1/27/2023 2:04 PM EST by gvetter

**Zoning Director Review**

Approve

## Payment Completed On 2/1/2023 10:45 AM EST by bconkling

## Fees Paid

VIEW RECEIPT

| Fee Name | Recipient | Amount |
|---|---|---|
| Fee | Planning and Zoning | $300.00 |

## Confirmation Data

| | |
|---|---|
| Payment Method | Online |
| Confirmation Number | 213758068 |
| Amount Paid | $300.00 |

PC Prep Completed On 2/1/2023 10:47 AM EST by bconkling

# Planning Commission Meeting

**Planning Commission Meeting Date and Time**

March 14th 2023, 7:05 pm CST

**Letters to be mailed 10 days prior to the public meeting:**

03/04/2023 8:05 PM

**Additional instructions for PC email**

**Return the affidavit 8 days prior to the public meeting:**

03/06/2023 8:05 PM

**Place your zoning action sign 7 days prior to the public meeting:**

03/07/2023 8:05 PM

**Date to send email to applicant**

02/27/2023

**Upload PC Mailing Labels**

er labels modified.pdf

**Upload PC Affidavit of Mailing**

3 Mailing affidavit 1320.pdf

**Upload PC Notification Letter**

ER Electric NOT Letter.pdf

**Upload PC Newspaper Publication**

Legals 3-14-2023.pdf

**Permit Number**

CUP-2023-88

**Receipt Number**

PC App Form Completed On 2/1/2023 10:48 AM EST by bconkling

External Notes

Documents

Internal Notes

Documents

EHRESMANN
ENGINEERING

4400 West 31st St – Yankton, SD 57078
Phone: (605) 665-7532 Fax: (605) 665-9780
http://www.ehresmannengineering.com
E-Mail: e.heine@ehresmannengineering.com

December 5, 2022

Paul Lambert
East River Electric Power Coop
P.O. Box 227
Madison, SD 57042

**Subject:** 60' Ehresmann Engineering W2400 Stub Tower
**Site:** Lewis & Clark Sub
**Location:** Yankton County, SD
**EEI JO#:** 112740

As requested, we have designed and can furnish a 60' Ehresmann Engineering W2400 stub tower to be located in Yankton County, SD. The site will be called Lewis & Clark Sub.

Approximate Coordinates: 42-51-57 N
97-27-20 W

The stub tower will be designed as follows:

- In accordance with the Telecommunications Industry Association TIA-222-G Standard
- 90 mph wind with no ice (Vasd)
- Vult = 116 mph wind
- 50 mph wind with 3/4" ice (Vasd)
- 60 mph wind with no ice (service)
- Structure Class II
- Exposure Category C
- Topographic Category 1

Design loading will be included as outlined on stamped drawing #112740C1.

This tower design standard takes into account several safety factors including load factors and steel strength capacities. Therefore, it is highly unlikely that the tower will fail structurally in a wind event where the design wind speed is exceeded within the range of built-in safety factors.

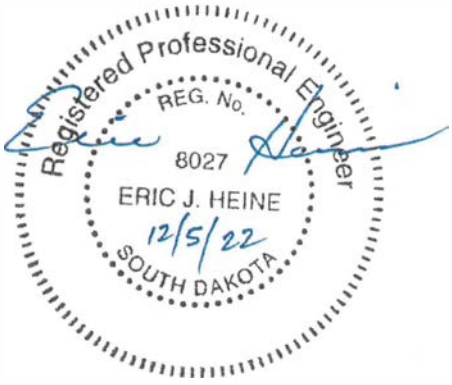
Should the wind speed increase beyond the capacity of the built-in safety factors to the point of failure of one or more structural elements, the most likely location of failure would be within one of the tower sections. For the Lewis & Clark Sub tower this would most likely be in the section from 30' to 40' which is the highest stressed area of the tower. This would result in a buckling mode, where the steel bends beyond its elastic limit (the point where the section does not return to its normal shape when the wind load is removed).

During this local buckling, the tower will buckle at the location of the highest combined stress ratio and "fold over" onto the portion below. Therefore, this would most likely cause the proposed Lewis & Clark Sub tower to collapse upon itself (i.e. within a radius of 0' from the base of the tower).

Please note, all opinions outlined in this letter are valid only if an Ehresmann Engineering tower is furnished and installed.

If you have any questions, please feel free to contact us.

Regards,




Eric Heine, P.E.

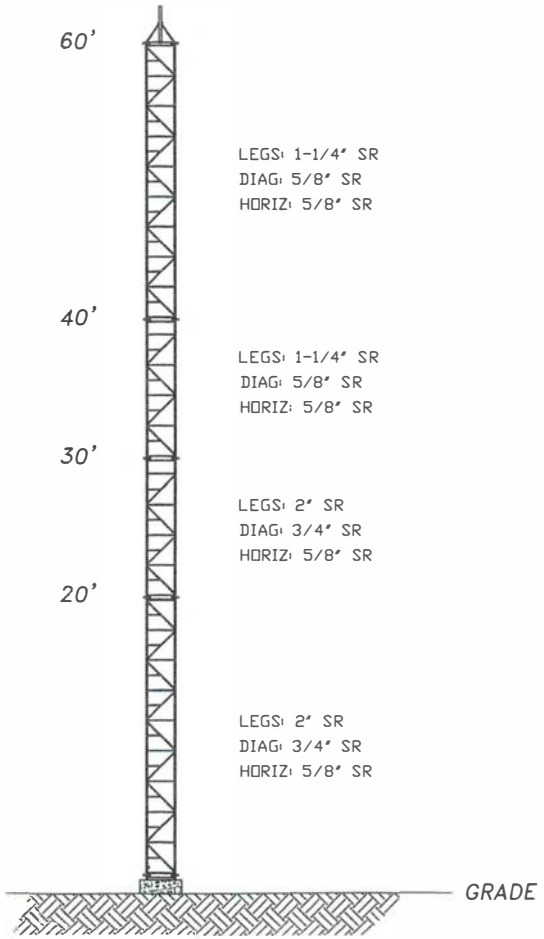
## TOWER DESIGN CRITERIA:

- DESIGN PER TIA-222-G
- 90 MPH WIND & NO ICE (Vasd)
- (Vult = 116 MPH WIND)
- 50 MPH WIND & 3/4" ICE (Vasd)
- 60 MPH WIND & NO ICE (SERVICE)
- STRUCTURE CLASS II
- EXPOSURE CATEGORY C
- TOPOGRAHIC CATEGORY 1

## NOTES:

1. TOWER LEGS SHALL BE 50 KSI. ALL OTHER STEEL SHALL BE ASTM A36 MINIMUM.






## SITE INFORMATION:

APPROX. COORDINATES: LATITUDE: 42° 51' 57" N
LONGITUDE: 97° 27' 20" W

ADDRESS: S. DEER BLVD
YANKTON, SD 57078

COUNTY: YANKTON COUNTY, SOUTH DAKOTA

| MAXIMUM BASE MOMENT & FORCES | | |
|---|---|---|
| MOMENT (FT-KIPS) | SHEAR (KIPS) | AXIAL (KIPS) |
| 39 | 1.189 | 2.539 |

## DESIGN LOADING:

| ELEV. | ITEM | RAD. | LINE |
|---|---|---|---|
| 62' | RY-900A ON TOP MAST MOUNT | —— | (1) 1/2" |
| 20' | RY-900A | —— | (1) 1/2" |


| REV | DESCRIPTION | DATE |
|---|---|---|
| 6 | | |
| 5 | | |
| 4 | | |
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | DRAWING CREATED | 9/22/22 |

| | NAME |
|---|---|
| DRAWN BY: | EJH |
| CHECKED BY: | |
| ENG APPR. | |
| MFG APPR. | |
| Q.C. | |

Site: LEWIS & CLARK SUBSTATION, SD

Job# 112740

Ehresmann Engineering
4400 West 31st Street
Yankton, SD 57078
605-665-7532
605-665-9780

TITLE: 60' W2400 STUB TOWER

DWG NO. 112740C1

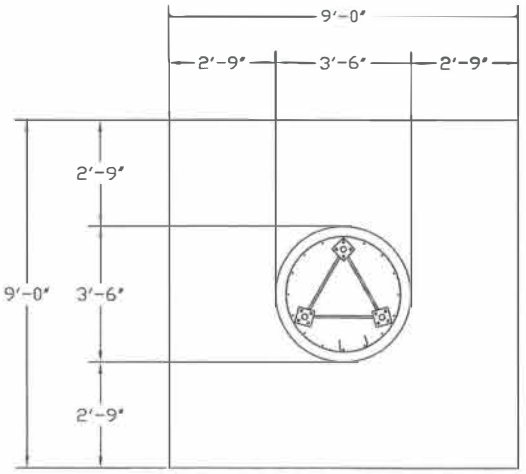
Sheet NO. C1

Rev. 1A

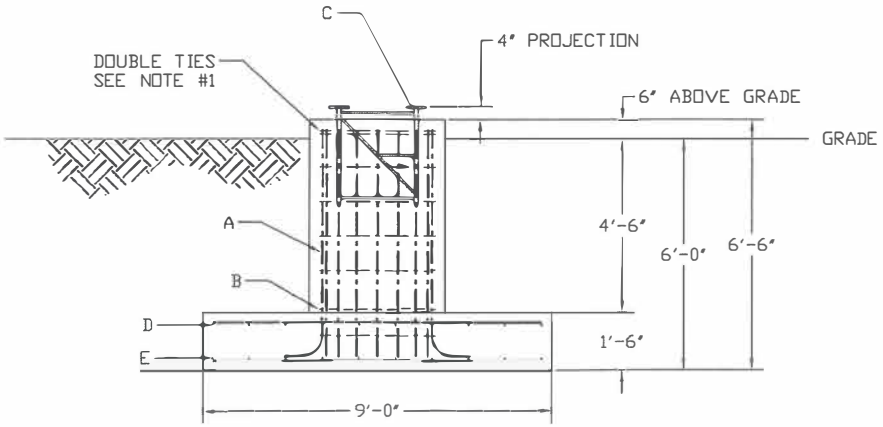
## DESIGN REACTIONS

TOTAL SHEAR = 1.189 KIP
AXIAL LOAD = 2.539 KIP
OTM = 39 FT KIPS






PLAN VIEW




ELEVATION VIEW

MATERIAL LIST

| | ITEM | QTY | GRADE | DESCRIPTION | |
|---|---|---|---|---|---|
| | A | 12 | 60 | #7 BARS | 5'-9" 16" HOOK |
| | B | 8 | 60 | #4 BARS | 4" HOOKS 10" LAP (STAGGERED) 3'-0" |
| * | C | 1 | 36 MIN. | W2400 HD EMBED | 2'-6" |
| | D | 20 | 60 | #7 BARS (10) EACH WAY-TOP | 8'-6" |
| | E | 20 | 60 | #7 BARS (10) EACH WAY-BOTTOM | 8'-6" |

* SUPPLIED BY EE, ALL OTHER MATERIAL TO BE SUPPLIED BY THE CONTRACTOR.

Registered Professional Engineer
REG. No. 8027
ERIC J. HEINE
9/23/22
SOUTH DAKOTA

NOTES:

1. LATERAL REINFORCEMENT, CONSISTING OF TWO (2) HORIZONTAL TIES SHALL BE DISTRIBUTED WITHIN 5" OF TOP OF CONCRETE PER ACI 318. THE ENDS OF ALL CIRCULAR TIES SHALL TERMINATE WITH STANDARD HOOKS THAT ENGAGE A LONGITUDINAL COLUMN BAR.
2. FOUNDATION DESIGN IS BASED ON SOILS REPORT BY GEOTEK ENGINEERING & TESTING SERVICES, INC. DATED AUGUST 10, 2022; PROJECT NO. 22-D03. CONTRACTOR TO REVIEW SOILS REPORT FOR POSSIBLE SPECIAL INSTRUCTIONS BY GEOTECHNICAL ENGINEER.
3. MINIMUM COMPACTED UNIT WEIGHT OF ALL BACKFILL TO BE 100 PCF.
4. 6.28 CUBIC YARDS CONCRETE REQUIRED THIS FOUNDATION.

CONCRETE MIX REQUIREMENTS:

CEMENT: TYPE I/II PORTLAND CEMENT
28 DAY COMPRESSIVE STRENGTH = 4500 PSI
MAXIMUM WATER/CEMENT RATIO = 0.45
SLUMP = 4"-6"
ENTRAINED AIR CONTENT = 5%-7%

| REV | DESCRIPTION | DATE |
|---|---|---|
| 6 | | |
| 5 | | |
| 4 | | |
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | DRAWING CREATED | 9/22/22 |

| | NAME |
|---|---|
| DRAWN BY: | EJH |
| CHECKED BY: | |
| ENG APPR. | |
| MFG APPR. | |
| Q.C. | |

Site: LEWIS & CLARK SUBSTATION, SD
Job# 112740

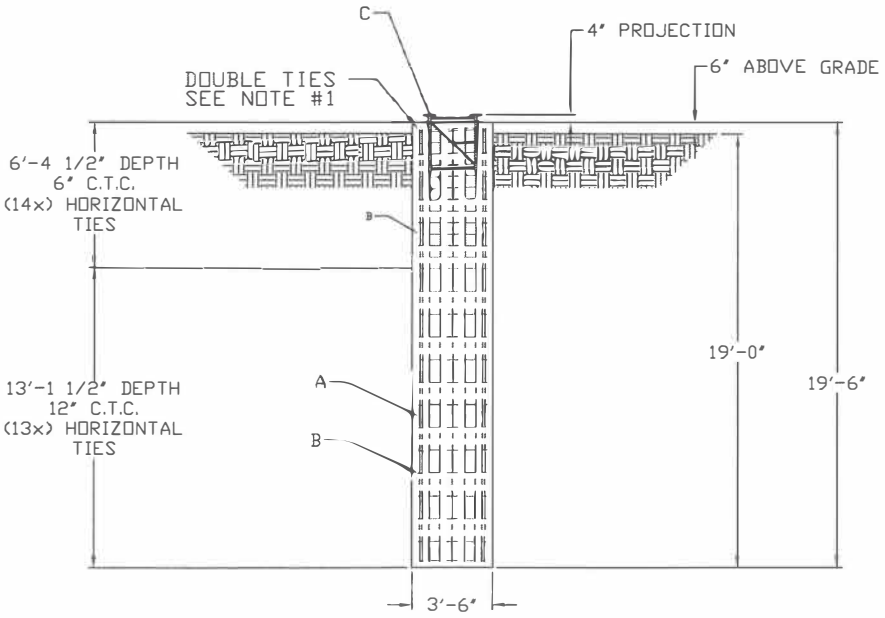
Ehresmann Engineering
4400 West 31st Street
Yankton, SD 57078
605-665-7532
605-665-9780

TITLE: 60' STUB TOWER PIER/PAD FOUNDATION DESIGN

DWG NO 112740E02

Sheet NO. E02 Rev. 1A

PLAN VIEW




ELEVATION VIEW

MATERIAL LIST

| | ITEM | QTY | GRADE | DESCRIPTION | |
|---|---|---|---|---|---|
| | A | 12 | 60 | #7 BARS | 19'-0" |
| | B | 27 | 60 | #4 BARS | 4" HOOKS 10" LAP (STAGGERED) 3'-0" |
| * | C | 1 | 36 KSI MIN. | W2400 HD EMBED | 2'-6" |

* SUPPLIED BY EE, ALL OTHER MATERIAL TO BE SUPPLIED BY THE CONTRACTOR.

NOTES:

1. LATERAL REINFORCEMENT, CONSISTING OF TWO (2) HORIZONTAL TIES SHALL BE DISTRIBUTED WITHIN 5" OF TOP OF CONCRETE PER ACI 318. THE ENDS OF ALL CIRCULAR TIES SHALL TERMINATE WITH STANDARD HOOKS THAT ENGAGE A LONGITUDINAL COLUMN BAR.
2. FOUNDATION DESIGN IS BASED ON SOILS REPORT BY GEOTEK ENGINEERING & TESTING SERVICES, INC. DATED AUGUST 10, 2022; PROJECT NO. 22-003. CONTRACTOR TO REVIEW SOILS REPORT FOR POSSIBLE SPECIAL INSTRUCTIONS BY GEOTECHNICAL ENGINEER.
3. 6.95 CUBIC YARDS CONCRETE REQUIRED THIS FOUNDATION.
4. STUB TOWER BASE REACTIONS;
   MOMENT = 39 FT-KIPS
   SHEAR = 1.189 KIPS
   AXIAL = 2.539 KIPS


CONCRETE MIX REQUIREMENTS:

CEMENT: TYPE I/II PORTLAND CEMENT
28 DAY COMPRESSIVE STRENGTH = 4500 PSI
MAXIMUM WATER/CEMENT RATIO = 0.45
SLUMP = 6"-8"
ENTRAINED AIR CONTENT = 5%-7%

| REV | DESCRIPTION | DATE |
|---|---|---|
| 7 | | |
| 6 | | |
| 5 | | |
| 4 | | |
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | DRAWING CREATED | 9/22/22 |

| | NAME |
|---|---|
| DRAWN BY: | EJH |
| CHECKED BY: | |
| ENG APPR. | |
| MFG APPR. | |
| Q.C. | |

Site: LEWIS & CLARK SUBSTATION, SD
Job# 112740

Ehresmann Engineering
4400 West 31st Street
Yankton, SD 57078
605-665-7532
605-665-9780

TITLE: 60' STUB TOWER PIER TYPE FOUNDATION DESIGN

DWG. NO. 112740E02A

Sheet NO. E02A | Rev. 1A

GENERAL:

Ehresmann Engineering (EE) designs and manufactures steel towers/poles and tower components to the most stringent industry standards, and uses the highest quality materials. However, certain hazards are inherent in tower work. For this reason, it is imperative that erection of towers and installation of tower components be accomplished in a safe and workmanlike manner, and only by experienced and professional contractors. Unless the customer specifies otherwise in writing, or unless otherwise noted in our design documents or on our installation drawings, design of and/or fabrication of items by Ehresmann Engineering shall meet the conditions outlined in these notes.

1. All tower designs and/or work shall be in accordance with TIA-222-G, Structural Standards for Steel Antenna Tower and Antenna Supporting Structures" or as otherwise specified in writing by the customer.
2. Purchasers shall verify the installation is in conformance with all local, state, and federal requirements. This also includes requirements for obstruction marking and lighting.
3. If towers, tower components, mounts, foundations or modification materials are not installed in accordance with Ehresmann Engineering installation drawings and specifications, then all designs are considered invalid, and EE disclaims any responsibility for said design and/or certification.
4. The purchaser shall be responsible to inspect condition of underground anchors prior to work on towers, and to furnish any and all soils reports, where required.
5. All items must be inventoried at the time of delivery to the job site/storage facility. Any shortages reported after this delivery will be the responsibility of the Contractor/Owner.
6. Any problems that occur with scheduling, transportation, delivery, foundation installation, erection or any items furnished by EE must be reported immediately to allow EE time to take corrective measures. EE will make every effort to repair/replace necessary items in an expedited manner and/or will pursue corrective measures in the most economical way possible at our discretion. However, under no circumstances will EE pay for or be responsible for any down time or expenses incurred due to down time.
7. EE will make every effort to deliver materials at the requested time. However, we cannot and will not be responsible for delays caused by breakdowns, weather and/or other factors out of our control once the materials have left our facility. We strongly suggest that cranes, tower crews, etc... not be scheduled until delivery is verified to be on time. EE will not be responsible for any costs incurred due to these possible delays.
8. Any and all permits, licenses, or payment of taxes required for construction are the sole responsibility of the purchaser.
9. Manufacturer Assistance: Contractors / Erectors may contact Ehresmann Engineering at (605) 665-7532 for questions on design, materials, or installation regarding items furnished by Ehresmann Engineering.
10. Ehresmann Engineering is available, upon request, to supervise installation and/or completion of modifications, or to provide on-site inspection after project completion.

**Please also reference site specific design documents and drawings for additional notes.

Anchor Rod Tightening:

Prior to placing anchor rods in the concrete, it is recommended that an anchor rod rotation capacity test be run with at least one anchor rod. This test may be run in a Skidmore-Wilhelm device or in a mockup of the base plate using a small piece of plate with one hole of equivalent grade, thickness, and finish. The test consists of steps 2 through 12 as outlined below and adapted as necessary for the mock set-up. It is recommended that the nut be rotated at least to the required rotation as given in step 11. After the test, the nuts should be removed and all threads (rod and nut) inspected for damage. Once the anchor rod is removed from the test plate, the nuts shall again be turned onto the rod well past the location of the leveling nut and backed off by one worker using an ordinary wrench with no cheater bar. The threads are considered damaged if more than minimal effort is required to turn the nut. Please note that nuts should be turned onto ALL anchor rods and backed off with minimal effort as outlined above to verify threads of ALL anchor rods and nuts prior to placement in concrete.

Recommended Steps for Anchor Rod Tightening:

1. Verify proper position of anchor rods.
2. Verify that all nuts can be turned onto the rods well past the elevation of the bottom of the leveling nut and backed off by one worker using an ordinary wrench without a cheater bar.
3. If threads of anchor rods were lubricated more than 24 hours before placing the leveling nut or have been wet since they were lubricated, the exposed threads of the anchor rods should be relubricated (Beeswax and toilet-ring wax have been shown to provide good lubrication).
4. Place leveling nuts on anchor rods and level.
5. Place leveling nut washers.
6. Set pole or tower legs.
7. Plumb pole or legs and/or level base plates.
8. Place top nut washers.
9. Threads and bearing surfaces of the top nuts should be lubricated, placed and tightened to the snug-tight condition in a star pattern. Reference TABLE 1 for snug-tight torque values.
10. Tighten leveling nuts to the snug-condition (as outlined for top nuts) in a star pattern.
11. Mark the reference position of the top nut in the snug-tight condition with a suitable marking on one flat with a corresponding reference mark on the base plate at each bolt. Top nuts should be turned in increments in a star pattern (at least two full tightening cycles) to the appropriate nut rotation specified below.

| Anchor Rod Diameter, in. | Nut Rotation from Snug-Tight Condition |
|---|---|
| less than 1 1/2" | 1/3 turn |
| greater than or equal to 1 1/2" | 1/6 turn |

12. A torque wrench should be used to verify that a torque at least equal to the computed verification torque Tv, is required to additionally tighten the leveling nuts and the top nuts. Reference TABLE 1 for verification torque values. An inability to achieve this torque should be interpreted to indicate that the threads have stripped and should be reported to the Engineer of Record.
13. Locking nuts are to be installed over all top nuts when tightening is completed.

TABLE 1

| ANCHOR ROD DIAMETER (INCHES) | SNUG-TIGHT TORQUE (FT-LBS) | VERIFICATION TORQUE (FT-LBS) |
|---|---|---|
| 3/4 | 38-56 | 188 |
| 1 | 91-136 | 454 |
| 1 1/4 | 182-272 | 908 |
| 1 1/2 | 316-474 | 1581 |
| 1 3/4 | 499-748 | 2494 |
| 2 | 750-1125 | 3750 |
| 2 1/4 | 921-1382 | 4607 |

VALUES AS SHOWN IN TABLE 1 ARE BASED ON ASTM F1554 GRADE 105 ANCHOR RODS WITH MINIMUM ULTIMATE TENSILE STRENGTH OF 125 KSI FOR ROD DIAMETERS UP TO 2" AND ASTM A615 GR. 75 ANCHOR RODS WITH MINIMUM ULTIMATE TENSILE STRENGTH OF 105 KSI FOR 2 1/4" ANCHOR RODS.

Erection / Installation:

~~When installing items~~ provided by Ehresmann Engineering, the contractor (person performing the erection or modification) shall comply with the following:

1. All structural work shall be performed in relatively calm weather, with wind velocities not exceeding 15 MPH at any height of the tower. Additionally it is recommended that work be completed in accordance with ANSI/TIA-322 and ANSI/ASSE A10.48.
2. All structural work shall be performed by a competent and reputable contractor with experience in similar tower work.
3. Our drawings indicate the major operations to be performed, but do not show every field condition that may be encountered. Prior to beginning work, the contractor should survey the job thoroughly to eliminate future field problems.
4. It is the contractor's sole responsibility to determine the erection procedure and sequence to insure the stability and safety of the tower and adequacy of temporary or incomplete connections during construction.
5. All nuts for bearing type connections shall be tightened to a "snug tight" condition as defined by AISC. All nuts for direct tension/fully pre-tensioned or slip critical connections shall be tightened per the "turn-of-the-nut" method in accordance with AISC.
6. It shall be the contractor's responsibility to ensure that all practices and procedures used during assembly, installation and erection work required on the tower or foundations do not endanger the safety of any personnel nor the structural integrity of the tower.
7. The contractor shall use only safe and workmanlike procedures when modifying a tower.
8. The contractor shall not correct any errors in manufacturing or design without special permission and written instructions from Ehresmann Engineering. This means straightening, relocation or reaming of bolt holes, drifting or any other application of force to make the members fit. (This restriction does not apply to diagonal members designed for initial tension or specific 'draw'.) The contractor shall immediately notify Ehresmann Engineering through the appropriate channels to effect correction.
9. The contractor shall immediately notify Ehresmann Engineering of any material which is damaged during erection or installation. The contractor shall not correct or substitute any member damaged during installation without written consent and instructions from Ehresmann Engineering.
10. The contractor shall refrain from exerting excessive forces on the tower or on modification material during installation. Tower member design does not include stresses due to erection since erection equipment and conditions are unknown. Our design assumes that the services of competent and qualified personnel will be utilized to develop proper procedures and rigging plans. Our design also assumes that competent and qualified personnel will be hired to perform the work.
11. All field-punched holes shall be touched up with cold galvanizing. Under no circumstances shall the torching of holes be allowed.
12. All factory installed bracing placed within monopole tube sections is to remain in place until erection is complete. Do not remove bracing without prior consultation with EE.

Concrete & Foundation Installation:

1. All rebar shall have 3" minimum cover, unless specified otherwise, and shall conform to ASTM A615. Rebar grade to be as specified on site drawings.
2. Tie and secure all rebar and anchor bolts/shafts before placing concrete.
3. Hook length as specified for vertical bars is from back side of bend. Minimum straight length of hook after bend shall be 12x bar diameter.
4. Bending of rebar to be in accordance with ACI-318 latest edition.
5. Sides of excavation may need to be braced or sloped back as required for stability and in accordance with all applicable safety regulations.
6. Base of excavation shall be clean and free of all debris.
7. All excavation, backfill and soil compaction to be completed in accordance with Geotechnical Engineer's recommendations. However, compacted density of all backfill must meet minimum unit weight as specified on site drawings.
8. Attention shall be given to final site drainage and compaction of the fill placed around the foundation to minimize surface water infiltration around the foundation.
9. Concrete strength and mix values to be listed on site specific foundation drawings. Alternate values may be acceptable and could be dependent on placement methods. However, use of alternate values must be approved by EOR prior to installation. EE will not be responsible for any delays due to request for approval of alternate values. It is the Contractor's responsibility to allow adequate time for approval.
10. Use of water reducers may be required for some placement methods to achieve necessary slump and/or flow without exceeding maximum water/cement ratios. It is Contractor's responsibility to utilize proper mix to ensure proper placement of concrete for the method of placement chosen.
11. Exposed edges of all foundations to be chamfered 1" x 45°.
12. Use steel top and bottom anchor bolt templates provided by EE for proper anchor bolt spacing and placement.
13. All concrete work shall be in accordance with ACI 318 (Latest Edition). ACI specifications for "Cold Weather" or "Hot Weather" concreting shall be followed as applicable.

Structural Steel & Hardware:

1. All fabricated steel shall have a minimum yield strength of 36 ksi. Use of higher strength steel for some members/items will be noted in design documents or drawings as applicable.
2. All fabricated steel shall be hot dip galvanized per ASTM A123.
3. All structural fasteners shall be ASTM F3125 Gr. A325 unless specified otherwise.
4. U-Bolts to be ASTM A36, A572 Gr. 50, or A193 Gr. B7 depending on size and application. Reference site specific drawings for additional details.
5. Step Bolts to be ASTM A449
6. All hardware shall be hot dip galvanized per ASTM A153.
7. Welded connections shall conform to the latest revision of the American Welding Society, A.W.S. D1.1.
8. All structural components shall be verified for proper assembly by the field crew prior to installation.

Registered Professional Engineer
REG. No. 8027
ERIC J. HEINE
9/23/22
SOUTH DAKOTA

| REV | DESCRIPTION | DATE |
|---|---|---|
| 6 | | |
| 5 | | |
| 4 | | |
| 3 | | |
| 2 | COMPANY NAME | 6/27/22 |
| 1 | TUBE BRACING NOTE | 10/29/19 |
| 0 | U-BOLT/STEP-BOLT GR. | 10/16/19 |
| | DRAWING CREATED | 03/13/17 |

| | NAME |
|---|---|
| DRAWN BY: | EJH |
| CHECKED BY: | |
| ENG APPR. | |
| MFG APPR. | |
| Q.C. | |

Site: LEWIS & CLARK SUBSTATION, SD
Job# 112740

Ehresmann Engineering
4400 West 31st Street
Yankton, SD 57078
605-665-7532
605-665-9780

TITLE: STD TOWER & TOWER FOUNDATION NOTES

DWG NO. 112740N1

Sheet NO N1 | Rev 1A

# SPECIAL INSPECTION STATEMENT IN ACCORDANCE WITH IBC SECTION 1704.3

| SPECIAL INSPECTIONS REQUIRED: | | |
|---|---|---|
| REINFORCED CONCRETE: | CONTINUOUS | PERIODIC |
| PIER OR PIER/PAD FOUNDATION | | X |
| DEEP PIER DRILLING (IF APPLICABLE) | X | |
| REINFORCING STEEL | | X |
| CONCRETE PLACEMENT | X | |
| SAMPLING & TESTING | | X |
| ANCHORS/BOLTS CAST IN CONCRETE | | X |
| | | |
| SOILS | | X |
| STRUCTURAL STEEL: | | |
| HIGH-STRENGTH BOLTS | | X |
| STRUCTURAL OBSERVATION: | | |
| YES | | X |

VERIFICATION AND TESTING SHALL BE COMPLETED AS FOLLOWS:

REINFORCED CONCRETE CONSTRUCTION (TOWER FOUNDATION):

- VERIFY PROPER DIMENSIONS AND DEPTH OF FOUNDATION (INCLUDING DEPTH OF DRILLED HOLE PRIOR TO CONCRETE PLACEMENT IF APPLICABLE)
- INSPECTION OF REINFORCING STEEL TO INCLUDE VERIFICATION OF PROPER MATERIAL GRADE, QTY, SIZE AND PLACEMENT
- VERIFY PROJECTION LENGTH OF ANCHOR BOLTS ABOVE TOP OF CONCRETE PRIOR TO CONCRETE SETTING
- VERIFY USE OF APPROVED CONCRETE MIX DESIGN
- VERIFY PROPER CONCRETE SLUMP AND AIR CONTENT BY TESTING AT THE TIME FRESH CONCRETE IS SAMPLED FOR STRENGTH TESTS
- VERIFY PROPER PLACEMENT OF CONCRETE IN ACCORDANCE WITH APPROVED TECHNIQUES.
- VERIFY CONCRETE COMPRESSIVE STRENGTH BY MEANS OF STANDARD TEST CYLINDERS TO BE BROKE AT 7 DAYS AND 28 DAYS MINIMUM.

STRUCTURAL STEEL CONSTRUCTION (TOWER STRUCTURE):

INSPECTION OF HIGH-STRENGTH BOLTED CONNECTIONS:

- VERIFY IDENTIFICATION MARKINGS/GRADE, QTY AND SIZE OF BOLTS, NUTS & WASHERS
- VISUALLY INSPECT SNUG-TIGHT BOLTED JOINTS TO VERIFY ALL PLIES IN CONTACT AND LOCK-WASHERS COMPRESSED
- VERIFY PROPER TIGHTENING OF PRETENSIONED CONNECTIONS USING TURN-OF-NUT METHOD WITH MATCHMARKING

STRUCTURAL OBSERVATION:

- VERIFY PROPER INSTALLATION/ERECTION OF TOWER PER DESIGN SPECIFICATIONS UPON COMPLETION OF INSTALLATION. VERIFICATION TO INCLUDE THE FOLLOWING:
  - ALL SECTIONS PROPERLY ASSEMBLED AND INSTALLED PER MANUFACTURER'S INSTALLATION DETAILS
  - STRUCTURE PLUMB IN ACCORDANCE WITH TIA-222

VERIFICATION OF ALL ITEMS AS OUTLINED ABOVE SHALL BE BASED ON DESIGN SPECIFICATIONS AND INSTALLATION DETAILS AS COMPLETED BY EHRESMANN ENGINEERING.

SPECIAL INSPECTOR SHALL IDENTIFY AND DOCUMENT RESULTS OF ALL INSPECTIONS AND MATERIAL TESTING AS OUTLINED. INSPECTION REPORTS SHALL BE SUBMITTED AS SOON AS POSSIBLE UPON COMPLETION OF INSPECTION BUT NO MORE THAN 5 WORKING DAYS UNLESS OTHERWISE AGREED BY PROJECT OWNER.

DEVIATION OR NON-COMPLIANCE SHALL BE CORRECTED BY CONTRACTOR. ANY DEVIATIONS NOT CORRECTED ARE TO BE CLEARLY IDENTIFIED IN FINAL REPORTS AND EHRESMANN ENGINEERING SHOULD BE NOTIFIED IMMEDIATELY FOR CONSULTATION.

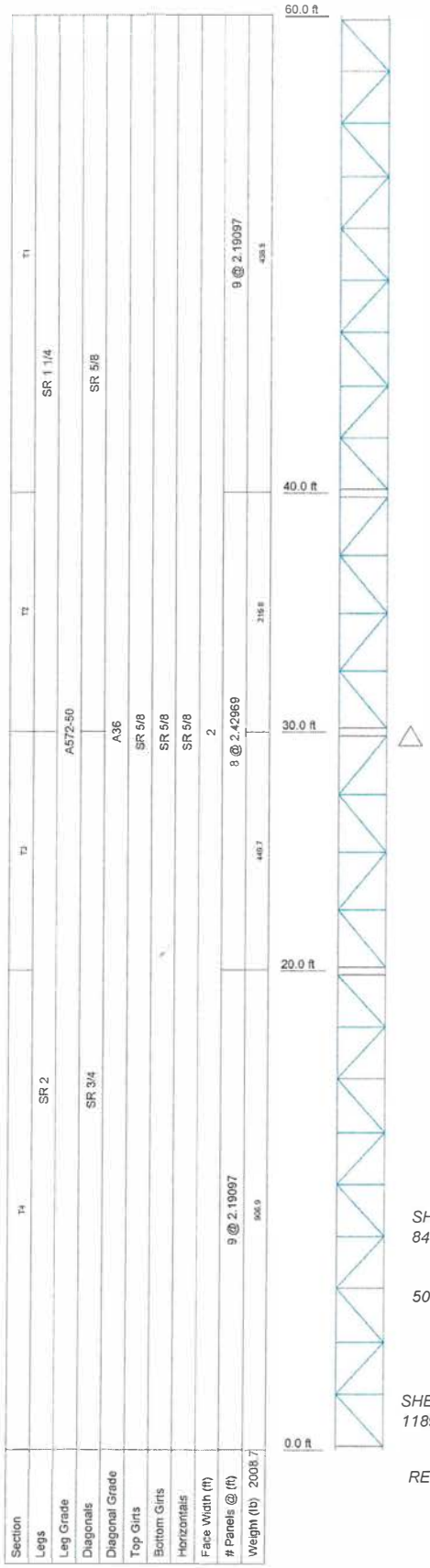
THE PROJECT OWNER OR AN AGENT OF THE OWNER IS RESPONSIBLE FOR SCHEDULING AND FUNDING ALL SPECIAL INSPECTION SERVICES.


| REV | DESCRIPTION | DATE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | DRAWING CREATED | 9/22/22 |

NAME
DRAWN BY: EJH
CHECKED BY:
ENG APPR.
MFG APPR.
Q.C.
Site: LEWIS & CLARK SUBSTATION, SD
Job# 112740

Ehresmann Engineering
4400 West 31st Street
Yankton, SD 57078
605-665-7532
605-665-9780

TITLE: 60' STUB TOWER SPECIAL INSPECTION STATEMENT
DWG. NO. 112740SI
Sheet NO SI
Rev: 1A




## DESIGNED APPURTENANCE LOADING

| TYPE | ELEVATION | TYPE | ELEVATION |
|---|---|---|---|
| RY-900A | 62 | RY-900A | 20 |
| Top Mast Mount | 62 | | |

## MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---|---|---|---|---|---|
| A572-50 | 50 ksi | 65 ksi | A36 | 36 ksi | 58 ksi |

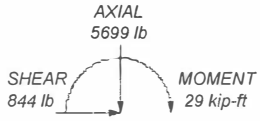
## TOWER DESIGN NOTES

1. Tower is located in Yankton County, South Dakota.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. Weld together tower sections have flange connections.
9. Connections use galvanized A325 bolts, nuts and locking devices. Installation per TIA/EIA-222 and AISC Specifications.
10. Tower members are "hot dipped" galvanized in accordance with ASTM A123 and ASTM A153 Standards.
11. Welds are fabricated with ER-70S-6 electrodes.
12. TOWER RATING: 24.3%

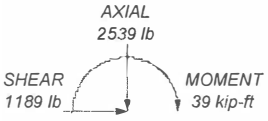
*ALL REACTIONS ARE FACTORED*

*MAX. CORNER REACTIONS AT BASE:*
*DOWN: 23582 lb*
*SHEAR: 575 lb*

*UPLIFT: -22065 lb*
*SHEAR: 576 lb*




*TORQUE 0 kip-ft*
*50 mph WIND - 0.750 in ICE*




*TORQUE 0 kip-ft*
*REACTIONS - 90 mph WIND*


*Ehresmann Engineering*
4400 W 31st St
Yankton, SD 57078
Phone: (605) 665-7532
FAX: (605) 665-9780

| | | | |
|---|---|---|---|
| Job: *LEWIS & CLARK SUB, SD - 112740* | | | |
| Project: *60' W2400 STUB TOWER* | | | |
| Client: EREP | Drawn by: EH | App'd: | |
| Code: TIA-222-G | Date: 09/22/22 | Scale: NTS | |
| Path: | | Dwg No E-1 | |

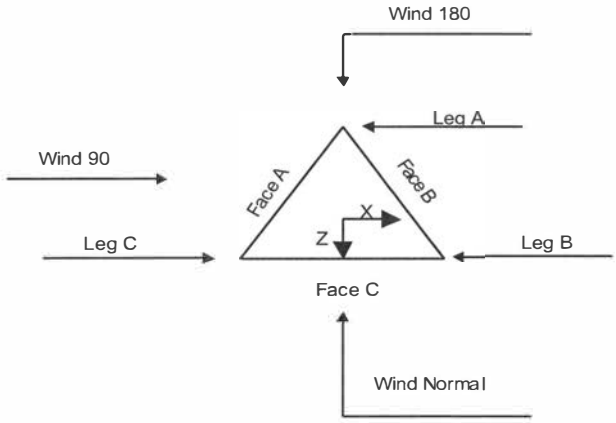
## Tower Input Data

The main tower is a 3x free standing tower with an overall height of 60.000 ft above the ground line.
The base of the tower is set at an elevation of 0.000 ft above the ground line.
The face width of the tower is 2.000 ft at the top and 2.000 ft at the base.
This tower is designed using the TIA-222-G standard.
The following design criteria apply:

Tower is located in Yankton County, South Dakota.
Basic wind speed of 90 mph.
Structure Class II.
Exposure Category C.
Topographic Category 1.
Crest Height 0.000 ft.
Nominal ice thickness of 0.750 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 30 °F.
Deflections calculated using a wind speed of 60 mph.
Weld together tower sections have flange connections..
Connections use galvanized A325 bolts, nuts and locking devices. Installation per TIA/EIA-222 and AISC Specifications..
Tower members are "hot dipped" galvanized in accordance with ASTM A123 and ASTM A153 Standards..
Welds are fabricated with ER-70S-6 electrodes..
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in tower member design is 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

## Options

| | | |
|---|---|---|
| Consider Moments - Legs | Distribute Leg Loads As Uniform | Use ASCE 10 X-Brace Ly Rules |
| Consider Moments - Horizontals | Assume Legs Pinned | Calculate Redundant Bracing Forces |
| Consider Moments - Diagonals | √ Assume Rigid Index Plate | Ignore Redundant Members in FEA |
| Use Moment Magnification | √ Use Clear Spans For Wind Area | √ SR Leg Bolts Resist Compression |
| √ Use Code Stress Ratios | √ Use Clear Spans For KL/r | √ All Leg Panels Have Same Allowable |
| √ Use Code Safety Factors - Guys | Retension Guys To Initial Tension | Offset Girt At Foundation |
| Escalate Ice | Bypass Mast Stability Checks | Consider Feed Line Torque |
| Always Use Max Kz | Use Azimuth Dish Coefficients | √ Include Angle Block Shear Check |
| Use Special Wind Profile | Project Wind Area of Appurt. | Use TIA-222-G Bracing Resist. Exemption |
| Include Bolts In Member Capacity | Autocalc Torque Arm Areas | Use TIA-222-G Tension Splice Exemption |
| √ Leg Bolts Are At Top Of Section | Add IBC .6D+W Combination | Poles |
| Secondary Horizontal Braces Leg | Sort Capacity Reports By Component | Include Shear-Torsion Interaction |
| Use Diamond Inner Bracing (4 Sided) | Triangulate Diamond Inner Bracing | Always Use Sub-Critical Flow |
| √ SR Members Have Cut Ends | Treat Feed Line Bundles As Cylinder | Use Top Mounted Sockets |
| √ SR Members Are Concentric | Ignore KL/ry For 60 Deg. Angle Legs | Pole Without Linear Attachments |
| | | Pole With Shroud Or No Appurtenances |
| | | Outside and Inside Corner Radii Are Known |




***Triangular Tower***

## Tower Section Geometry

| Tower Section | Tower Elevation | Assembly Database | Description | Section Width | Number of Sections | Section Length |
|---|---|---|---|---|---|---|
| | ft | | | ft | | ft |
| T1 | 60.000-40.000 | | | 2.000 | 1 | 20.000 |
| T2 | 40.000-30.000 | | | 2.000 | 1 | 10.000 |
| T3 | 30.000-20.000 | | | 2.000 | 1 | 10.000 |
| T4 | 20.000-0.000 | | | 2.000 | 1 | 20.000 |

## Tower Section Geometry *(cont'd)*

| Tower Section | Tower Elevation | Diagonal Spacing | Bracing Type | Has K Brace End Panels | Has Horizontals | Top Girt Offset | Bottom Girt Offset |
|---|---|---|---|---|---|---|---|
| | ft | ft | | | | in | in |
| T1 | 60.000-40.000 | 2.191 | K Brace Right | No | Yes | 1.688 | 1.688 |
| T2 | 40.000-30.000 | 2.430 | K Brace Right | No | Yes | 1.688 | 1.688 |
| T3 | 30.000-20.000 | 2.430 | K Brace Right | No | Yes | 1.688 | 1.688 |
| T4 | 20.000-0.000 | 2.191 | K Brace Right | No | Yes | 1.688 | 1.688 |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Leg Type | Leg Size | Leg Grade | Diagonal Type | Diagonal Size | Diagonal Grade |
|---|---|---|---|---|---|---|
| T1 60.000-40.000 | Solid Round | 1 1/4 | A572-50 (50 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T2 40.000-30.000 | Solid Round | 1 1/4 | A572-50 (50 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T3 30.000-20.000 | Solid Round | 2 | A572-50 (50 ksi) | Solid Round | 3/4 | A36 (36 ksi) |
| T4 20.000-0.000 | Solid Round | 2 | A572-50 (50 ksi) | Solid Round | 3/4 | A36 (36 ksi) |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Top Girt Type | Top Girt Size | Top Girt Grade | Bottom Girt Type | Bottom Girt Size | Bottom Girt Grade |
|---|---|---|---|---|---|---|
| T1 60.000-40.000 | Solid Round | 5/8 | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T2 40.000-30.000 | Solid Round | 5/8 | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T3 30.000-20.000 | Solid Round | 5/8 | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T4 20.000-0.000 | Solid Round | 5/8 | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | No. of Mid Girts | Mid Girt Type | Mid Girt Size | Mid Girt Grade | Horizontal Type | Horizontal Size | Horizontal Grade |
|---|---|---|---|---|---|---|---|
| T1 60.000-40.000 | None | Flat Bar | | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T2 40.000-30.000 | None | Flat Bar | | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T3 30.000-20.000 | None | Flat Bar | | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |
| T4 20.000-0.000 | None | Flat Bar | | A36 (36 ksi) | Solid Round | 5/8 | A36 (36 ksi) |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Gusset Area (per face) ft² | Gusset Thickness in | Gusset Grade | Adjust. Factor $A_f$ | Adjust. Factor $A_r$ | Weight Mult. | Double Angle Stitch Bolt Spacing Diagonals in | Double Angle Stitch Bolt Spacing Horizontals in | Double Angle Stitch Bolt Spacing Redundants in |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 0.000 | 0.000 | A36 | 1 | 1 | 1.1 | 36.000 | 36.000 | 36.000 |

| Tower Elevation ft | Gusset Area (per face) ft² | Gusset Thickness in | Gusset Grade | Adjust. Factor $A_f$ | Adjust. Factor $A_r$ | Weight Mult. | Double Angle Stitch Bolt Spacing Diagonals in | Double Angle Stitch Bolt Spacing Horizontals in | Double Angle Stitch Bolt Spacing Redundants in |
|---|---|---|---|---|---|---|---|---|---|
| 60.000-40.000 | | | (36 ksi) | | | | | | |
| T2 | 0.000 | 0.000 | A36 | 1 | 1 | 1.1 | 36.000 | 36.000 | 36.000 |
| 40.000-30.000 | | | (36 ksi) | | | | | | |
| T3 | 0.000 | 0.000 | A36 | 1 | 1 | 1.1 | 36.000 | 36.000 | 36.000 |
| 30.000-20.000 | | | (36 ksi) | | | | | | |
| T4 | 0.000 | 0.000 | A36 | 1 | 1 | 1.1 | 36.000 | 36.000 | 36.000 |
| 20.000-0.000 | | | (36 ksi) | | | | | | |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Calc K Single Angles | Calc K Solid Rounds | K Factors[1] Legs | X Brace Diags X Y | K Brace Diags X Y | Single Diags X Y | Girts X Y | Horiz. X Y | Sec. Horiz. X Y | Inner Brace X Y |
|---|---|---|---|---|---|---|---|---|---|---|
| T1 | No | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 60.000-40.000 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T2 | No | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 40.000-30.000 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T3 | No | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30.000-20.000 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| T4 | No | Yes | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20.000-0.000 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

[1]*Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.*

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Leg | | Diagonal | | Top Girt | | Bottom Girt | | Mid Girt | | Long Horizontal | | Short Horizontal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U |
| T1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 0.75 | 0.000 | 1 | 0.000 | 0.75 |
| 60.000-40.000 | | | | | | | | | | | | | | |
| T2 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 0.75 | 0.000 | 1 | 0.000 | 0.75 |
| 40.000-30.000 | | | | | | | | | | | | | | |
| T3 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 0.75 | 0.000 | 1 | 0.000 | 0.75 |
| 30.000-20.000 | | | | | | | | | | | | | | |
| T4 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 1 | 0.000 | 0.75 | 0.000 | 1 | 0.000 | 0.75 |
| 20.000-0.000 | | | | | | | | | | | | | | |

| Tower Elevation ft | Redundant Horizontal | | Redundant Diagonal | | Redundant Sub-Diagonal | | Redundant Sub-Horizontal | | Redundant Vertical | | Redundant Hip | | Redundant Hip Diagonal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U | Net Width Deduct in | U |
| T1<br>60.000-40.000 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 |
| T2<br>40.000-30.000 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 |
| T3<br>30.000-20.000 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 |
| T4<br>20.000-0.000 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 | 0.000 | 0.75 |

## Tower Section Geometry *(cont'd)*

| Tower Elevation ft | Leg Connection Type | Leg | | Diagonal | | Top Girt | | Bottom Girt | | Mid Girt | | Long Horizontal | | Short Horizontal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. | Bolt Size in | No. |
| T1<br>60.000-40.000 | Flange | 0.625<br>A325N | 4 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 |
| T2<br>40.000-30.000 | Flange | 0.625<br>A325N | 4 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 |
| T3<br>30.000-20.000 | Flange | 0.625<br>A325N | 4 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 |
| T4<br>20.000-0.000 | Flange | 0.625<br>A325N | 4 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 | 0.000<br>A325N | 0 | 0.625<br>A325N | 0 |

## Feed Line/Linear Appurtenances - Entered As Round Or Flat

| Description | Face or Leg | Allow Shield | Exclude From Torque Calculation | Component Type | Placement ft | Total Number | Number Per Row | Clear Spacing in | Width or Diameter in | Perimeter in | Weight klf |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LDF4-50A (1/2 FOAM) | A | No | Yes | Ar (CaAa) | 60.000 - 0.000 | 1 | 1 | 2.370<br>0.630 | 0.630 | | 0.000 |
| Safety Line 3/8 | A | No | Yes | Ar (CaAa) | 60.000 - 0.000 | 1 | 1 | 0.375 | 0.375 | | 0.000 |
| LDF4-50A (1/2 FOAM) | A | No | Yes | Ar (CaAa) | 20.000 - 0.000 | 1 | 1 | 2.370<br>0.630 | 0.630 | | 0.000 |

## Feed Line/Linear Appurtenances Section Areas

| Tower Section | Tower Elevation ft | Face | $A_R$ $ft^2$ | $A_F$ $ft^2$ | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ | Weight lb |
|---|---|---|---|---|---|---|---|
| T1 | 60.000-40.000 | A | 0.000 | 0.000 | 2.010 | 0.000 | 7.400 |
| | | B | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| Tower Section | Tower Elevation ft | Face | $A_R$ $ft^2$ | $A_F$ $ft^2$ | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ | Weight lb |
|---|---|---|---|---|---|---|---|
| T2 | 40.000-30.000 | A | 0.000 | 0.000 | 1.005 | 0.000 | 3.700 |
| | | B | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| T3 | 30.000-20.000 | A | 0.000 | 0.000 | 1.005 | 0.000 | 3.700 |
| | | B | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| T4 | 20.000-0.000 | A | 0.000 | 0.000 | 3.270 | 0.000 | 10.400 |
| | | B | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

## Feed Line/Linear Appurtenances Section Areas - With Ice

| Tower Section | Tower Elevation ft | Face or Leg | Ice Thickness in | $A_R$ $ft^2$ | $A_F$ $ft^2$ | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ | Weight lb |
|---|---|---|---|---|---|---|---|---|
| T1 | 60.000-40.000 | A | 1.564 | 0.000 | 0.000 | 14.519 | 0.000 | 165.282 |
| | | B | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| T2 | 40.000-30.000 | A | 1.509 | 0.000 | 0.000 | 7.040 | 0.000 | 77.855 |
| | | B | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| T3 | 30.000-20.000 | A | 1.459 | 0.000 | 0.000 | 6.841 | 0.000 | 73.622 |
| | | B | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| T4 | 20.000-0.000 | A | 1.331 | 0.000 | 0.000 | 19.244 | 0.000 | 193.481 |
| | | B | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | C | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

## Shielding Factor Ka

| Tower Section | Feed Line Record No. | Description | Feed Line Segment Elev. | $K_a$ No Ice | $K_a$ Ice |
|---|---|---|---|---|---|
| T1 | 1 | LDF4-50A (1/2 FOAM) | 40.00 - 60.00 | 1.0000 | 1.0000 |
| T1 | 2 | Safety Line 3/8 | 40.00 - 60.00 | 1.0000 | 1.0000 |
| T2 | 1 | LDF4-50A (1/2 FOAM) | 30.00 - 40.00 | 1.0000 | 1.0000 |
| T2 | 2 | Safety Line 3/8 | 30.00 - 40.00 | 1.0000 | 1.0000 |
| T3 | 1 | LDF4-50A (1/2 FOAM) | 20.00 - 30.00 | 1.0000 | 1.0000 |
| T3 | 2 | Safety Line 3/8 | 20.00 - 30.00 | 1.0000 | 1.0000 |
| T4 | 1 | LDF4-50A (1/2 FOAM) | 0.00 - 20.00 | 1.0000 | 1.0000 |
| T4 | 2 | Safety Line 3/8 | 0.00 - 20.00 | 1.0000 | 1.0000 |
| T4 | 3 | LDF4-50A (1/2 FOAM) | 0.00 - 20.00 | 1.0000 | 1.0000 |

## Discrete Tower Loads

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral ft / Vert ft | Azimuth Adjustment ° | Placement ft | | $C_AA_A$ Front $ft^2$ | $C_AA_A$ Side $ft^2$ | Weight lb |
|---|---|---|---|---|---|---|---|---|---|
| RY-900A | A | From Centroid-Face | 0.000<br>0.000<br>0.000 | 0.0000 | 62.000 | No Ice<br>1/2" Ice<br>1" Ice | 2.780<br>5.004<br>7.228 | 2.780<br>5.004<br>7.228 | 16.000<br>20.800<br>25.600 |
| Top Mast Mount | A | From Centroid-Face | 0.000<br>0.000<br>0.000 | 0.0000 | 62.000 | No Ice<br>1/2" Ice<br>1" Ice | 2.590<br>3.880<br>5.170 | 2.590<br>3.880<br>5.170 | 50.000<br>77.000<br>104.000 |
| RY-900A | A | From Leg | 0.000<br>0.000<br>0.000 | 0.0000 | 20.000 | No Ice<br>1/2" Ice<br>1" Ice | 2.780<br>5.004<br>7.228 | 2.780<br>5.004<br>7.228 | 16.000<br>20.800<br>25.600 |

## Tower Pressures - No Ice

$G_H = 0.850$

| Section Elevation ft | z ft | $K_Z$ | $q_z$ ksf | $A_G$ $ft^2$ | Face | $A_F$ $ft^2$ | $A_R$ $ft^2$ | $A_{leg}$ $ft^2$ | Leg % | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 60.000-40.000 | 50.000 | 1.094 | 0.019 | 42.083 | A | 0.000 | 6.472 | 4.167 | 64.38 | 2.010 | 0.000 |
| | | | | | B | 0.000 | 6.472 | | 64.38 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 6.472 | | 64.38 | 0.000 | 0.000 |
| T2 40.000-30.000 | 35.000 | 1.015 | 0.018 | 21.042 | A | 0.000 | 3.199 | 2.083 | 65.13 | 1.005 | 0.000 |
| | | | | | B | 0.000 | 3.199 | | 65.13 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 3.199 | | 65.13 | 0.000 | 0.000 |
| T3 30.000-20.000 | 25.000 | 0.945 | 0.017 | 21.667 | A | 0.000 | 4.532 | 3.333 | 73.55 | 1.005 | 0.000 |
| | | | | | B | 0.000 | 4.532 | | 73.55 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 4.532 | | 73.55 | 0.000 | 0.000 |
| T4 20.000-0.000 | 10.000 | 0.85 | 0.015 | 43.333 | A | 0.000 | 9.151 | 6.667 | 72.85 | 3.270 | 0.000 |
| | | | | | B | 0.000 | 9.151 | | 72.85 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 9.151 | | 72.85 | 0.000 | 0.000 |

## Tower Pressure - With Ice

$G_H = 0.850$

| Section Elevation ft | z ft | $K_Z$ | $q_z$ ksf | $t_Z$ in | $A_G$ $ft^2$ | Face | $A_F$ $ft^2$ | $A_R$ $ft^2$ | $A_{leg}$ $ft^2$ | Leg % | $C_AA_A$ In Face $ft^2$ | $C_AA_A$ Out Face $ft^2$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 60.000-40.000 | 50.000 | 1.094 | 0.006 | 1.564 | 47.295 | A | 0.000 | 28.433 | 14.591 | 51.32 | 14.519 | 0.000 |
| | | | | | | B | 0.000 | 28.433 | | 51.32 | 0.000 | 0.000 |
| | | | | | | C | 0.000 | 28.433 | | 51.32 | 0.000 | 0.000 |
| T2 40.000-30.000 | 35.000 | 1.015 | 0.006 | 1.509 | 23.556 | A | 0.000 | 13.612 | 7.113 | 52.25 | 7.040 | 0.000 |
| | | | | | | B | 0.000 | 13.612 | | 52.25 | 0.000 | 0.000 |
| | | | | | | C | 0.000 | 13.612 | | 52.25 | 0.000 | 0.000 |
| T3 30.000-20.000 | 25.000 | 0.945 | 0.005 | 1.459 | 24.098 | A | 0.000 | 14.430 | 8.196 | 56.80 | 6.841 | 0.000 |
| | | | | | | B | 0.000 | 14.430 | | 56.80 | 0.000 | 0.000 |

| Section Elevation ft | z ft | $K_Z$ | $q_z$ ksf | $t_Z$ in | $A_G$ ft² | Face | $A_F$ ft² | $A_R$ ft² | $A_{leg}$ ft² | Leg % | $C_AA_A$ In Face ft² | $C_AA_A$ Out Face ft² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T4 20.000-0.000 | 10.000 | 0.85 | 0.005 | 1.331 | 47.771 | C | 0.000 | 14.430 | | 56.80 | 0.000 | 0.000 |
| | | | | | | A | 0.000 | 27.523 | 15.541 | 56.47 | 19.244 | 0.000 |
| | | | | | | B | 0.000 | 27.523 | | 56.47 | 0.000 | 0.000 |
| | | | | | | C | 0.000 | 27.523 | | 56.47 | 0.000 | 0.000 |

## Tower Pressure - Service

$G_H = 0.850$

| Section Elevation ft | z ft | $K_Z$ | $q_z$ ksf | $A_G$ ft² | Face | $A_F$ ft² | $A_R$ ft² | $A_{leg}$ ft² | Leg % | $C_AA_A$ In Face ft² | $C_AA_A$ Out Face ft² |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 50.000 | 1.094 | 0.009 | 42.083 | A | 0.000 | 6.472 | 4.167 | 64.38 | 2.010 | 0.000 |
| 60.000-40.000 | | | | | B | 0.000 | 6.472 | | 64.38 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 6.472 | | 64.38 | 0.000 | 0.000 |
| T2 | 35.000 | 1.015 | 0.008 | 21.042 | A | 0.000 | 3.199 | 2.083 | 65.13 | 1.005 | 0.000 |
| 40.000-30.000 | | | | | B | 0.000 | 3.199 | | 65.13 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 3.199 | | 65.13 | 0.000 | 0.000 |
| T3 | 25.000 | 0.945 | 0.007 | 21.667 | A | 0.000 | 4.532 | 3.333 | 73.55 | 1.005 | 0.000 |
| 30.000-20.000 | | | | | B | 0.000 | 4.532 | | 73.55 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 4.532 | | 73.55 | 0.000 | 0.000 |
| T4 | 10.000 | 0.85 | 0.007 | 43.333 | A | 0.000 | 9.151 | 6.667 | 72.85 | 3.270 | 0.000 |
| 20.000-0.000 | | | | | B | 0.000 | 9.151 | | 72.85 | 0.000 | 0.000 |
| | | | | | C | 0.000 | 9.151 | | 72.85 | 0.000 | 0.000 |

## Tower Forces - No Ice - Wind Normal To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 7.400 | 436.487 | A | 0.154 | 2.758 | 0.019 | 1 | 1 | 3.676 | 199.039 | 0.010 | C |
| 60.000-40.000 | | | B | 0.154 | 2.758 | | 1 | 1 | 3.676 | | | |
| | | | C | 0.154 | 2.758 | | 1 | 1 | 3.676 | | | |
| T2 | 3.700 | 215.620 | A | 0.152 | 2.764 | 0.018 | 1 | 1 | 1.816 | 91.580 | 0.009 | C |
| 40.000-30.000 | | | B | 0.152 | 2.764 | | 1 | 1 | 1.816 | | | |
| | | | C | 0.152 | 2.764 | | 1 | 1 | 1.816 | | | |
| T3 | 3.700 | 449.674 | A | 0.209 | 2.566 | 0.017 | 1 | 1 | 2.611 | 109.104 | 0.011 | C |
| 30.000-20.000 | | | B | 0.209 | 2.566 | | 1 | 1 | 2.611 | | | |
| | | | C | 0.209 | 2.566 | | 1 | 1 | 2.611 | | | |
| T4 | 10.400 | 906.904 | A | 0.211 | 2.559 | 0.015 | 1 | 1 | 5.276 | 213.576 | 0.011 | C |
| 20.000-0.000 | | | B | 0.211 | 2.559 | | 1 | 1 | 5.276 | | | |
| | | | C | 0.211 | 2.559 | | 1 | 1 | 5.276 | | | |
| Sum Weight: | 25.200 | 2008.684 | | | | | | OTM | 18.021 kip-ft | 613.298 | | |

## Tower Forces - No Ice - Wind 60 To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 7.400 | 436.487 | A | 0.154 | 2.758 | 0.019 | 0.8 | 1 | 3.676 | 199.039 | 0.010 | C |
| 60.000-40.000 | | | B | 0.154 | 2.758 | | 0.8 | 1 | 3.676 | | | |
| | | | C | 0.154 | 2.758 | | 0.8 | 1 | 3.676 | | | |
| T2 | 3.700 | 215.620 | A | 0.152 | 2.764 | 0.018 | 0.8 | 1 | 1.816 | 91.580 | 0.009 | C |
| 40.000-30.000 | | | B | 0.152 | 2.764 | | 0.8 | 1 | 1.816 | | | |
| | | | C | 0.152 | 2.764 | | 0.8 | 1 | 1.816 | | | |
| T3 | 3.700 | 449.674 | A | 0.209 | 2.566 | 0.017 | 0.8 | 1 | 2.611 | 109.104 | 0.011 | C |
| 30.000-20.000 | | | B | 0.209 | 2.566 | | 0.8 | 1 | 2.611 | | | |
| | | | C | 0.209 | 2.566 | | 0.8 | 1 | 2.611 | | | |
| T4 | 10.400 | 906.904 | A | 0.211 | 2.559 | 0.015 | 0.8 | 1 | 5.276 | 213.576 | 0.011 | C |
| 20.000-0.000 | | | B | 0.211 | 2.559 | | 0.8 | 1 | 5.276 | | | |
| | | | C | 0.211 | 2.559 | | 0.8 | 1 | 5.276 | | | |
| Sum Weight: | 25.200 | 2008.684 | | | | | | OTM | 18.021 kip-ft | 613.298 | | |

## Tower Forces - No Ice - Wind 90 To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 7.400 | 436.487 | A | 0.154 | 2.758 | 0.019 | 0.85 | 1 | 3.676 | 199.039 | 0.010 | C |
| 60.000-40.000 | | | B | 0.154 | 2.758 | | 0.85 | 1 | 3.676 | | | |
| | | | C | 0.154 | 2.758 | | 0.85 | 1 | 3.676 | | | |
| T2 | 3.700 | 215.620 | A | 0.152 | 2.764 | 0.018 | 0.85 | 1 | 1.816 | 91.580 | 0.009 | C |
| 40.000-30.000 | | | B | 0.152 | 2.764 | | 0.85 | 1 | 1.816 | | | |
| | | | C | 0.152 | 2.764 | | 0.85 | 1 | 1.816 | | | |
| T3 | 3.700 | 449.674 | A | 0.209 | 2.566 | 0.017 | 0.85 | 1 | 2.611 | 109.104 | 0.011 | C |
| 30.000-20.000 | | | B | 0.209 | 2.566 | | 0.85 | 1 | 2.611 | | | |
| | | | C | 0.209 | 2.566 | | 0.85 | 1 | 2.611 | | | |
| T4 | 10.400 | 906.904 | A | 0.211 | 2.559 | 0.015 | 0.85 | 1 | 5.276 | 213.576 | 0.011 | C |
| 20.000-0.000 | | | B | 0.211 | 2.559 | | 0.85 | 1 | 5.276 | | | |
| | | | C | 0.211 | 2.559 | | 0.85 | 1 | 5.276 | | | |
| Sum Weight: | 25.200 | 2008.684 | | | | | | OTM | 18.021 kip-ft | 613.298 | | |

## Tower Forces - With Ice - Wind Normal To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 165.282 | 1344.741 | A | 0.601 | 1.803 | 0.006 | 1 | 1 | 21.168 | 266.492 | 0.013 | C |
| 60.000-40.000 | | | B | 0.601 | 1.803 | | 1 | 1 | 21.168 | | | |
| | | | C | 0.601 | 1.803 | | 1 | 1 | 21.168 | | | |
| T2 | 77.855 | 634.743 | A | 0.578 | 1.819 | 0.006 | 1 | 1 | 9.937 | 117.852 | 0.012 | C |

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.000-30.000 | | | B | 0.578 | 1.819 | | 1 | 1 | 9.937 | | | |
| | | | C | 0.578 | 1.819 | | 1 | 1 | 9.937 | | | |
| T3 | 73.622 | 894.748 | A | 0.599 | 1.805 | 0.005 | 1 | 1 | 10.721 | 114.473 | 0.011 | C |
| 30.000-20.000 | | | B | 0.599 | 1.805 | | 1 | 1 | 10.721 | | | |
| | | | C | 0.599 | 1.805 | | 1 | 1 | 10.721 | | | |
| T4 | 193.481 | 1693.960 | A | 0.576 | 1.821 | 0.005 | 1 | 1 | 20.062 | 219.205 | 0.011 | C |
| 20.000-0.000 | | | B | 0.576 | 1.821 | | 1 | 1 | 20.062 | | | |
| | | | C | 0.576 | 1.821 | | 1 | 1 | 20.062 | | | |
| Sum Weight: | 510.239 | 4568.193 | | | | | | OTM | 22.503 kip-ft | 718.022 | | |

## Tower Forces - With Ice - Wind 60 To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 165.282 | 1344.741 | A | 0.601 | 1.803 | 0.006 | 0.8 | 1 | 21.168 | 266.492 | 0.013 | C |
| 60.000-40.000 | | | B | 0.601 | 1.803 | | 0.8 | 1 | 21.168 | | | |
| | | | C | 0.601 | 1.803 | | 0.8 | 1 | 21.168 | | | |
| T2 | 77.855 | 634.743 | A | 0.578 | 1.819 | 0.006 | 0.8 | 1 | 9.937 | 117.852 | 0.012 | C |
| 40.000-30.000 | | | B | 0.578 | 1.819 | | 0.8 | 1 | 9.937 | | | |
| | | | C | 0.578 | 1.819 | | 0.8 | 1 | 9.937 | | | |
| T3 | 73.622 | 894.748 | A | 0.599 | 1.805 | 0.005 | 0.8 | 1 | 10.721 | 114.473 | 0.011 | C |
| 30.000-20.000 | | | B | 0.599 | 1.805 | | 0.8 | 1 | 10.721 | | | |
| | | | C | 0.599 | 1.805 | | 0.8 | 1 | 10.721 | | | |
| T4 | 193.481 | 1693.960 | A | 0.576 | 1.821 | 0.005 | 0.8 | 1 | 20.062 | 219.205 | 0.011 | C |
| 20.000-0.000 | | | B | 0.576 | 1.821 | | 0.8 | 1 | 20.062 | | | |
| | | | C | 0.576 | 1.821 | | 0.8 | 1 | 20.062 | | | |
| Sum Weight: | 510.239 | 4568.193 | | | | | | OTM | 22.503 kip-ft | 718.022 | | |

## Tower Forces - With Ice - Wind 90 To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 165.282 | 1344.741 | A | 0.601 | 1.803 | 0.006 | 0.85 | 1 | 21.168 | 266.492 | 0.013 | C |
| 60.000-40.000 | | | B | 0.601 | 1.803 | | 0.85 | 1 | 21.168 | | | |
| | | | C | 0.601 | 1.803 | | 0.85 | 1 | 21.168 | | | |
| T2 | 77.855 | 634.743 | A | 0.578 | 1.819 | 0.006 | 0.85 | 1 | 9.937 | 117.852 | 0.012 | C |
| 40.000-30.000 | | | B | 0.578 | 1.819 | | 0.85 | 1 | 9.937 | | | |
| | | | C | 0.578 | 1.819 | | 0.85 | 1 | 9.937 | | | |
| T3 | 73.622 | 894.748 | A | 0.599 | 1.805 | 0.005 | 0.85 | 1 | 10.721 | 114.473 | 0.011 | C |
| 30.000-20.000 | | | B | 0.599 | 1.805 | | 0.85 | 1 | 10.721 | | | |
| | | | C | 0.599 | 1.805 | | 0.85 | 1 | 10.721 | | | |
| T4 | 193.481 | 1693.960 | A | 0.576 | 1.821 | 0.005 | 0.85 | 1 | 20.062 | 219.205 | 0.011 | C |
| 20.000-0.000 | | | B | 0.576 | 1.821 | | 0.85 | 1 | 20.062 | | | |

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sum Weight: | 510.239 | 4568.193 | C | 0.576 | 1.821 | | 0.85 | 1<br>OTM | 20.062<br>22.503<br>kip-ft | 718.022 | | |

## Tower Forces - Service - Wind Normal To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 7.400 | 436.487 | A | 0.154 | 2.758 | 0.009 | 1 | 1 | 3.676 | 88.462 | 0.004 | C |
| 60.000-40.000 | | | B | 0.154 | 2.758 | | 1 | 1 | 3.676 | | | |
| | | | C | 0.154 | 2.758 | | 1 | 1 | 3.676 | | | |
| T2 | 3.700 | 215.620 | A | 0.152 | 2.764 | 0.008 | 1 | 1 | 1.816 | 40.702 | 0.004 | C |
| 40.000-30.000 | | | B | 0.152 | 2.764 | | 1 | 1 | 1.816 | | | |
| | | | C | 0.152 | 2.764 | | 1 | 1 | 1.816 | | | |
| T3 | 3.700 | 449.674 | A | 0.209 | 2.566 | 0.007 | 1 | 1 | 2.611 | 48.491 | 0.005 | C |
| 30.000-20.000 | | | B | 0.209 | 2.566 | | 1 | 1 | 2.611 | | | |
| | | | C | 0.209 | 2.566 | | 1 | 1 | 2.611 | | | |
| T4 | 10.400 | 906.904 | A | 0.211 | 2.559 | 0.007 | 1 | 1 | 5.276 | 94.923 | 0.005 | C |
| 20.000-0.000 | | | B | 0.211 | 2.559 | | 1 | 1 | 5.276 | | | |
| | | | C | 0.211 | 2.559 | | 1 | 1 | 5.276 | | | |
| Sum Weight: | 25.200 | 2008.684 | | | | | | OTM | 8.009<br>kip-ft | 272.577 | | |

## Tower Forces - Service - Wind 60 To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 7.400 | 436.487 | A | 0.154 | 2.758 | 0.009 | 0.8 | 1 | 3.676 | 88.462 | 0.004 | C |
| 60.000-40.000 | | | B | 0.154 | 2.758 | | 0.8 | 1 | 3.676 | | | |
| | | | C | 0.154 | 2.758 | | 0.8 | 1 | 3.676 | | | |
| T2 | 3.700 | 215.620 | A | 0.152 | 2.764 | 0.008 | 0.8 | 1 | 1.816 | 40.702 | 0.004 | C |
| 40.000-30.000 | | | B | 0.152 | 2.764 | | 0.8 | 1 | 1.816 | | | |
| | | | C | 0.152 | 2.764 | | 0.8 | 1 | 1.816 | | | |
| T3 | 3.700 | 449.674 | A | 0.209 | 2.566 | 0.007 | 0.8 | 1 | 2.611 | 48.491 | 0.005 | C |
| 30.000-20.000 | | | B | 0.209 | 2.566 | | 0.8 | 1 | 2.611 | | | |
| | | | C | 0.209 | 2.566 | | 0.8 | 1 | 2.611 | | | |
| T4 | 10.400 | 906.904 | A | 0.211 | 2.559 | 0.007 | 0.8 | 1 | 5.276 | 94.923 | 0.005 | C |
| 20.000-0.000 | | | B | 0.211 | 2.559 | | 0.8 | 1 | 5.276 | | | |
| | | | C | 0.211 | 2.559 | | 0.8 | 1 | 5.276 | | | |
| Sum Weight: | 25.200 | 2008.684 | | | | | | OTM | 8.009<br>kip-ft | 272.577 | | |

## Tower Forces - Service - Wind 90 To Face

| Section Elevation ft | Add Weight lb | Self Weight lb | Face | e | $C_F$ | $q_z$ ksf | $D_F$ | $D_R$ | $A_E$ ft² | F lb | w klf | Ctrl. Face |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 7.400 | 436.487 | A | 0.154 | 2.758 | 0.009 | 0.85 | 1 | 3.676 | 88.462 | 0.004 | C |
| 60.000-40.000 | | | B | 0.154 | 2.758 | | 0.85 | 1 | 3.676 | | | |
| | | | C | 0.154 | 2.758 | | 0.85 | 1 | 3.676 | | | |
| T2 | 3.700 | 215.620 | A | 0.152 | 2.764 | 0.008 | 0.85 | 1 | 1.816 | 40.702 | 0.004 | C |
| 40.000-30.000 | | | B | 0.152 | 2.764 | | 0.85 | 1 | 1.816 | | | |
| | | | C | 0.152 | 2.764 | | 0.85 | 1 | 1.816 | | | |
| T3 | 3.700 | 449.674 | A | 0.209 | 2.566 | 0.007 | 0.85 | 1 | 2.611 | 48.491 | 0.005 | C |
| 30.000-20.000 | | | B | 0.209 | 2.566 | | 0.85 | 1 | 2.611 | | | |
| | | | C | 0.209 | 2.566 | | 0.85 | 1 | 2.611 | | | |
| T4 | 10.400 | 906.904 | A | 0.211 | 2.559 | 0.007 | 0.85 | 1 | 5.276 | 94.923 | 0.005 | C |
| 20.000-0.000 | | | B | 0.211 | 2.559 | | 0.85 | 1 | 5.276 | | | |
| | | | C | 0.211 | 2.559 | | 0.85 | 1 | 5.276 | | | |
| Sum Weight: | 25.200 | 2008.684 | | | | | | OTM | 8.009 kip-ft | 272.577 | | |

## Force Totals

| Load Case | Vertical Forces lb | Sum of Forces X lb | Sum of Forces Z lb | Sum of Overturning Moments, $M_x$ kip-ft | Sum of Overturning Moments, $M_z$ kip-ft | Sum of Torques kip-ft |
|---|---|---|---|---|---|---|
| Leg Weight | 1471.738 | | | | | |
| Bracing Weight | 536.947 | | | | | |
| Total Member Self-Weight | 2008.684 | | | -0.018 | 0.000 | |
| Total Weight | 2115.884 | | | -0.018 | 0.000 | |
| Wind 0 deg - No Ice | | 0.000 | -742.934 | -24.499 | 0.000 | 0.000 |
| Wind 30 deg - No Ice | | 371.467 | -643.400 | -21.219 | -12.240 | -0.022 |
| Wind 60 deg - No Ice | | 643.400 | -371.467 | -12.259 | -21.201 | -0.038 |
| Wind 90 deg - No Ice | | 742.934 | 0.000 | -0.018 | -24.480 | -0.043 |
| Wind 120 deg - No Ice | | 643.400 | 371.467 | 12.222 | -21.201 | -0.038 |
| Wind 150 deg - No Ice | | 371.467 | 643.400 | 21.182 | -12.240 | -0.022 |
| Wind 180 deg - No Ice | | 0.000 | 742.934 | 24.462 | 0.000 | 0.000 |
| Wind 210 deg - No Ice | | -371.467 | 643.400 | 21.182 | 12.240 | 0.022 |
| Wind 240 deg - No Ice | | -643.400 | 371.467 | 12.222 | 21.201 | 0.038 |
| Wind 270 deg - No Ice | | -742.934 | 0.000 | -0.018 | 24.480 | 0.043 |
| Wind 300 deg - No Ice | | -643.400 | -371.467 | -12.259 | 21.201 | 0.038 |
| Wind 330 deg - No Ice | | -371.467 | -643.400 | -21.219 | 12.240 | 0.022 |
| Member Ice | 2559.508 | | | | | |
| Total Weight Ice | 5275.739 | | | -0.034 | 0.000 | |
| Wind 0 deg - Ice | | 0.000 | -843.918 | -28.745 | 0.000 | 0.000 |
| Wind 30 deg - Ice | | 421.959 | -730.854 | -24.898 | -14.355 | -0.022 |
| Wind 60 deg - Ice | | 730.854 | -421.959 | -14.389 | -24.864 | -0.038 |
| Wind 90 deg - Ice | | 843.918 | 0.000 | -0.034 | -28.710 | -0.044 |
| Wind 120 deg - Ice | | 730.854 | 421.959 | 14.321 | -24.864 | -0.038 |
| Wind 150 deg - Ice | | 421.959 | 730.854 | 24.830 | -14.355 | -0.022 |
| Wind 180 deg - Ice | | 0.000 | 843.918 | 28.676 | 0.000 | 0.000 |
| Wind 210 deg - Ice | | -421.959 | 730.854 | 24.830 | 14.355 | 0.022 |
| Wind 240 deg - Ice | | -730.854 | 421.959 | 14.321 | 24.864 | 0.038 |
| Wind 270 deg - Ice | | -843.918 | 0.000 | -0.034 | 28.710 | 0.044 |
| Wind 300 deg - Ice | | -730.854 | -421.959 | -14.389 | 24.864 | 0.038 |

| Load Case | Vertical Forces lb | Sum of Forces X lb | Sum of Forces Z lb | Sum of Overturning Moments, $M_x$ kip-ft | Sum of Overturning Moments, $M_z$ kip-ft | Sum of Torques kip-ft |
|---|---|---|---|---|---|---|
| Wind 330 deg - Ice | | -421.959 | -730.854 | -24.898 | 14.355 | 0.022 |
| Total Weight | 2115.884 | | | -0.018 | 0.000 | |
| Wind 0 deg - Service | | 0.000 | -330.193 | -10.899 | 0.000 | 0.000 |
| Wind 30 deg - Service | | 165.096 | -285.956 | -9.441 | -5.440 | -0.010 |
| Wind 60 deg - Service | | 285.956 | -165.096 | -5.459 | -9.422 | -0.017 |
| Wind 90 deg - Service | | 330.193 | 0.000 | -0.018 | -10.880 | -0.019 |
| Wind 120 deg - Service | | 285.956 | 165.096 | 5.422 | -9.422 | -0.017 |
| Wind 150 deg - Service | | 165.096 | 285.956 | 9.404 | -5.440 | -0.010 |
| Wind 180 deg - Service | | 0.000 | 330.193 | 10.862 | 0.000 | 0.000 |
| Wind 210 deg - Service | | -165.096 | 285.956 | 9.404 | 5.440 | 0.010 |
| Wind 240 deg - Service | | -285.956 | 165.096 | 5.422 | 9.422 | 0.017 |
| Wind 270 deg - Service | | -330.193 | 0.000 | -0.018 | 10.880 | 0.019 |
| Wind 300 deg - Service | | -285.956 | -165.096 | -5.459 | 9.422 | 0.017 |
| Wind 330 deg - Service | | -165.096 | -285.956 | -9.441 | 5.440 | 0.010 |

## Load Combinations

| Comb. No. | Description |
|---|---|
| 1 | Dead Only |
| 2 | 1.2 Dead+1.6 Wind 0 deg - No Ice |
| 3 | 0.9 Dead+1.6 Wind 0 deg - No Ice |
| 4 | 1.2 Dead+1.6 Wind 30 deg - No Ice |
| 5 | 0.9 Dead+1.6 Wind 30 deg - No Ice |
| 6 | 1.2 Dead+1.6 Wind 60 deg - No Ice |
| 7 | 0.9 Dead+1.6 Wind 60 deg - No Ice |
| 8 | 1.2 Dead+1.6 Wind 90 deg - No Ice |
| 9 | 0.9 Dead+1.6 Wind 90 deg - No Ice |
| 10 | 1.2 Dead+1.6 Wind 120 deg - No Ice |
| 11 | 0.9 Dead+1.6 Wind 120 deg - No Ice |
| 12 | 1.2 Dead+1.6 Wind 150 deg - No Ice |
| 13 | 0.9 Dead+1.6 Wind 150 deg - No Ice |
| 14 | 1.2 Dead+1.6 Wind 180 deg - No Ice |
| 15 | 0.9 Dead+1.6 Wind 180 deg - No Ice |
| 16 | 1.2 Dead+1.6 Wind 210 deg - No Ice |
| 17 | 0.9 Dead+1.6 Wind 210 deg - No Ice |
| 18 | 1.2 Dead+1.6 Wind 240 deg - No Ice |
| 19 | 0.9 Dead+1.6 Wind 240 deg - No Ice |
| 20 | 1.2 Dead+1.6 Wind 270 deg - No Ice |
| 21 | 0.9 Dead+1.6 Wind 270 deg - No Ice |
| 22 | 1.2 Dead+1.6 Wind 300 deg - No Ice |
| 23 | 0.9 Dead+1.6 Wind 300 deg - No Ice |
| 24 | 1.2 Dead+1.6 Wind 330 deg - No Ice |
| 25 | 0.9 Dead+1.6 Wind 330 deg - No Ice |
| 26 | 1.2 Dead+1.0 Ice+1.0 Temp |
| 27 | 1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp |
| 28 | 1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp |
| 29 | 1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp |
| 30 | 1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp |
| 31 | 1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp |
| 32 | 1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp |
| 33 | 1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp |
| 34 | 1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp |
| 35 | 1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp |
| 36 | 1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp |
| 37 | 1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp |

| Comb. No. | Description |
|---|---|
| 38 | 1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp |
| 39 | Dead+Wind 0 deg - Service |
| 40 | Dead+Wind 30 deg - Service |
| 41 | Dead+Wind 60 deg - Service |
| 42 | Dead+Wind 90 deg - Service |
| 43 | Dead+Wind 120 deg - Service |
| 44 | Dead+Wind 150 deg - Service |
| 45 | Dead+Wind 180 deg - Service |
| 46 | Dead+Wind 210 deg - Service |
| 47 | Dead+Wind 240 deg - Service |
| 48 | Dead+Wind 270 deg - Service |
| 49 | Dead+Wind 300 deg - Service |
| 50 | Dead+Wind 330 deg - Service |

## Maximum Member Forces

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial lb | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | Leg | Max Tension | 23 | 3571.964 | -0.023 | -0.005 |
| | | | Max. Compression | 2 | -3932.149 | -0.004 | 0.002 |
| | | | Max. Mx | 8 | -3065.045 | 0.026 | -0.004 |
| | | | Max. My | 16 | -3429.266 | -0.010 | 0.024 |
| | | | Max. Vy | 8 | 192.733 | -0.002 | -0.004 |
| | | | Max. Vx | 2 | -175.039 | -0.004 | 0.002 |
| | | Diagonal | Max Tension | 20 | 483.764 | 0.000 | 0.000 |
| | | | Max. Compression | 24 | -486.847 | 0.000 | 0.000 |
| | | | Max. Mx | 28 | 114.760 | 0.004 | 0.000 |
| | | | Max. My | 37 | 5.268 | 0.000 | -0.000 |
| | | | Max. Vy | 28 | 5.586 | 0.000 | 0.000 |
| | | | Max. Vx | 37 | -0.021 | 0.000 | 0.000 |
| | | Horizontal | Max Tension | 8 | 35.679 | 0.000 | 0.000 |
| | | | Max. Compression | 5 | -34.458 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 3.311 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | -5.559 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Top Girt | Max Tension | 14 | 68.596 | 0.000 | 0.000 |
| | | | Max. Compression | 2 | -67.171 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 0.181 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | -5.559 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Bottom Girt | Max Tension | 10 | 145.548 | 0.000 | 0.000 |
| | | | Max. Compression | 22 | -142.275 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 1.692 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | -5.559 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| T2 | 40 - 30 | Leg | Max Tension | 23 | 6591.906 | -0.009 | 0.005 |
| | | | Max. Compression | 2 | -7110.682 | 0.001 | 0.031 |
| | | | Max. Mx | 20 | 5611.305 | 0.036 | 0.005 |
| | | | Max. My | 24 | -6192.065 | 0.012 | 0.034 |
| | | | Max. Vy | 8 | 307.939 | -0.036 | -0.007 |
| | | | Max. Vx | 16 | 267.170 | 0.024 | -0.027 |
| | | Diagonal | Max Tension | 20 | 637.729 | 0.000 | 0.000 |
| | | | Max. Compression | 24 | -640.888 | 0.000 | 0.000 |
| | | | Max. Mx | 38 | 422.174 | 0.004 | 0.000 |
| | | | Max. My | 35 | 8.006 | 0.000 | -0.000 |
| | | | Max. Vy | 38 | -5.337 | 0.000 | 0.000 |
| | | | Max. Vx | 35 | 0.020 | 0.000 | 0.000 |
| | | Horizontal | Max Tension | 24 | 23.474 | 0.000 | 0.000 |

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial lb | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| | | | Max. Compression | 21 | -25.165 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 4.620 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | 5.312 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Top Girt | Max Tension | 22 | 155.206 | 0.000 | 0.000 |
| | | | Max. Compression | 10 | -157.056 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 1.723 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | 5.312 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Bottom Girt | Max Tension | 10 | 115.006 | 0.000 | 0.000 |
| | | | Max. Compression | 23 | -113.507 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 2.498 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | 5.312 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| T3 | 30 - 20 | Leg | Max Tension | 7 | 10529.283 | 0.024 | -0.019 |
| | | | Max. Compression | 2 | -11370.656 | -0.004 | 0.018 |
| | | | Max. Mx | 20 | 6174.283 | 0.079 | 0.005 |
| | | | Max. My | 24 | -6194.073 | 0.034 | 0.072 |
| | | | Max. Vy | 20 | -316.100 | 0.022 | 0.004 |
| | | | Max. Vx | 2 | -354.521 | -0.004 | 0.018 |
| | | Diagonal | Max Tension | 12 | 863.897 | 0.000 | 0.000 |
| | | | Max. Compression | 16 | -867.012 | 0.000 | 0.000 |
| | | | Max. Mx | 38 | 567.111 | 0.005 | 0.000 |
| | | | Max. My | 35 | 15.741 | 0.000 | -0.000 |
| | | | Max. Vy | 38 | -5.943 | 0.000 | 0.000 |
| | | | Max. Vx | 35 | -0.018 | 0.000 | 0.000 |
| | | Horizontal | Max Tension | 16 | 48.730 | 0.000 | 0.000 |
| | | | Max. Compression | 13 | -47.537 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 8.106 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | -5.092 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Top Girt | Max Tension | 22 | 138.314 | 0.000 | 0.000 |
| | | | Max. Compression | 11 | -138.214 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 3.597 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | -5.092 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Bottom Girt | Max Tension | 24 | 288.966 | 0.000 | 0.000 |
| | | | Max. Compression | 12 | -288.326 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 2.795 | 0.003 | 0.000 |
| | | | Max. Vy | 26 | -5.092 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| T4 | 20 - 0 | Leg | Max Tension | 7 | 22067.113 | 0.050 | -0.068 |
| | | | Max. Compression | 2 | -23581.261 | 0.000 | 0.000 |
| | | | Max. Mx | 36 | 12021.610 | -0.221 | -0.093 |
| | | | Max. My | 32 | 12620.689 | 0.033 | 0.240 |
| | | | Max. Vy | 36 | -1571.335 | 0.000 | 0.000 |
| | | | Max. Vx | 32 | 1707.283 | 0.000 | 0.000 |
| | | Diagonal | Max Tension | 5 | 1332.747 | 0.000 | 0.000 |
| | | | Max. Compression | 24 | -1337.978 | 0.000 | 0.000 |
| | | | Max. Mx | 28 | 700.064 | 0.004 | 0.000 |
| | | | Max. My | 37 | -55.041 | 0.000 | -0.000 |
| | | | Max. Vy | 28 | -5.383 | 0.000 | 0.000 |
| | | | Max. Vx | 37 | 0.011 | 0.000 | 0.000 |
| | | Horizontal | Max Tension | 24 | 122.164 | 0.000 | 0.000 |
| | | | Max. Compression | 28 | -156.895 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | -65.068 | 0.002 | 0.000 |
| | | | Max. Vy | 26 | -4.559 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Top Girt | Max Tension | 24 | 300.957 | 0.000 | 0.000 |
| | | | Max. Compression | 12 | -302.643 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 3.256 | 0.002 | 0.000 |

| Section No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial lb | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|---|---|---|---|---|---|---|---|
| | | | Max. Vy | 26 | -4.559 | 0.000 | 0.000 |
| | | | Max. Vx | 36 | 0.000 | 0.000 | 0.000 |
| | | Bottom Girt | Max Tension | 35 | 938.531 | 0.000 | 0.000 |
| | | | Max. Compression | 7 | -181.932 | 0.000 | 0.000 |
| | | | Max. Mx | 26 | 810.602 | 0.002 | 0.000 |
| | | | Max. Vy | 26 | -4.559 | 0.000 | 0.000 |

## Maximum Reactions

| Location | Condition | Gov. Load Comb. | Vertical lb | Horizontal, X lb | Horizontal, Z lb |
|---|---|---|---|---|---|
| Leg C | Max. Vert | 18 | 23562.345 | 347.971 | -482.969 |
| | Max. $H_x$ | 18 | 23562.345 | 347.971 | -482.969 |
| | Max. $H_z$ | 28 | -12648.781 | -1376.704 | 1065.978 |
| | Min. Vert | 7 | -22065.214 | -370.674 | 492.669 |
| | Min. $H_x$ | 29 | -14897.655 | -1389.030 | 998.027 |
| | Min. $H_z$ | 16 | 20518.173 | 337.191 | -572.431 |
| Leg B | Max. Vert | 10 | 23562.344 | -549.156 | -74.326 |
| | Max. $H_x$ | 36 | -12648.790 | 1587.527 | 667.730 |
| | Max. $H_z$ | 27 | -6504.468 | 1136.434 | 742.392 |
| | Min. Vert | 23 | -22065.217 | 568.500 | 90.439 |
| | Min. $H_x$ | 8 | 20518.174 | -627.263 | -18.493 |
| | Min. $H_z$ | 14 | 12201.040 | -12.267 | -124.489 |
| Leg A | Max. Vert | 2 | 23581.633 | 227.253 | 527.790 |
| | Max. $H_x$ | 22 | 12220.519 | 342.572 | 475.175 |
| | Max. $H_z$ | 24 | 20537.464 | 327.134 | 578.226 |
| | Min. Vert | 15 | -22050.761 | -223.631 | -552.432 |
| | Min. $H_x$ | 10 | -10502.078 | -354.979 | -485.343 |
| | Min. $H_z$ | 32 | -12615.470 | -234.818 | -1725.201 |

## Tower Mast Reaction Summary

| Load Combination | Vertical lb | $Shear_x$ lb | $Shear_z$ lb | Overturning Moment, $M_x$ kip-ft | Overturning Moment, $M_z$ kip-ft | Torque kip-ft |
|---|---|---|---|---|---|---|
| Dead Only | 2115.884 | 0.000 | 0.000 | -0.018 | 0.000 | 0.000 |
| 1.2 Dead+1.6 Wind 0 deg - No Ice | 2539.061 | 0.000 | -1188.695 | -39.379 | -0.000 | 0.000 |
| 0.9 Dead+1.6 Wind 0 deg - No Ice | 1904.296 | 0.000 | -1188.695 | -39.326 | -0.000 | 0.000 |
| 1.2 Dead+1.6 Wind 30 deg - No Ice | 2539.061 | 594.347 | -1029.440 | -34.106 | -19.678 | -0.035 |
| 0.9 Dead+1.6 Wind 30 deg - No Ice | 1904.296 | 594.347 | -1029.440 | -34.059 | -19.655 | -0.035 |
| 1.2 Dead+1.6 Wind 60 deg - No Ice | 2539.061 | 1029.440 | -594.347 | -19.700 | -34.084 | -0.060 |
| 0.9 Dead+1.6 Wind 60 deg - No Ice | 1904.296 | 1029.440 | -594.347 | -19.671 | -34.043 | -0.060 |
| 1.2 Dead+1.6 Wind 90 deg - No Ice | 2539.061 | 1188.695 | 0.000 | -0.022 | -39.356 | -0.069 |
| 0.9 Dead+1.6 Wind 90 deg - No Ice | 1904.296 | 1188.695 | 0.000 | -0.017 | -39.309 | -0.069 |

| Load Combination | Vertical | $Shear_x$ | $Shear_z$ | Overturning Moment, $M_x$ | Overturning Moment, $M_z$ | Torque |
|---|---|---|---|---|---|---|
| | lb | lb | lb | kip-ft | kip-ft | kip-ft |
| 1.2 Dead+1.6 Wind 120 deg - No Ice | 2539.061 | 1029.440 | 594.347 | 19.656 | -34.084 | -0.060 |
| 0.9 Dead+1.6 Wind 120 deg - No Ice | 1904.296 | 1029.440 | 594.347 | 19.638 | -34.043 | -0.060 |
| 1.2 Dead+1.6 Wind 150 deg - No Ice | 2539.061 | 594.347 | 1029.440 | 34.061 | -19.678 | -0.035 |
| 0.9 Dead+1.6 Wind 150 deg - No Ice | 1904.296 | 594.347 | 1029.440 | 34.026 | -19.654 | -0.035 |
| 1.2 Dead+1.6 Wind 180 deg - No Ice | 2539.061 | -0.000 | 1188.695 | 39.334 | 0.000 | -0.000 |
| 0.9 Dead+1.6 Wind 180 deg - No Ice | 1904.296 | -0.000 | 1188.695 | 39.292 | 0.000 | -0.000 |
| 1.2 Dead+1.6 Wind 210 deg - No Ice | 2539.061 | -594.347 | 1029.440 | 34.061 | 19.678 | 0.035 |
| 0.9 Dead+1.6 Wind 210 deg - No Ice | 1904.296 | -594.347 | 1029.440 | 34.026 | 19.655 | 0.035 |
| 1.2 Dead+1.6 Wind 240 deg - No Ice | 2539.061 | -1029.440 | 594.347 | 19.656 | 34.084 | 0.060 |
| 0.9 Dead+1.6 Wind 240 deg - No Ice | 1904.296 | -1029.440 | 594.347 | 19.638 | 34.043 | 0.060 |
| 1.2 Dead+1.6 Wind 270 deg - No Ice | 2539.061 | -1188.695 | -0.000 | -0.022 | 39.356 | 0.069 |
| 0.9 Dead+1.6 Wind 270 deg - No Ice | 1904.296 | -1188.695 | -0.000 | -0.017 | 39.309 | 0.069 |
| 1.2 Dead+1.6 Wind 300 deg - No Ice | 2539.061 | -1029.440 | -594.347 | -19.701 | 34.084 | 0.060 |
| 0.9 Dead+1.6 Wind 300 deg - No Ice | 1904.296 | -1029.440 | -594.347 | -19.671 | 34.043 | 0.060 |
| 1.2 Dead+1.6 Wind 330 deg - No Ice | 2539.061 | -594.347 | -1029.440 | -34.106 | 19.678 | 0.035 |
| 0.9 Dead+1.6 Wind 330 deg - No Ice | 1904.296 | -594.347 | -1029.440 | -34.060 | 19.654 | 0.035 |
| 1.2 Dead+1.0 Ice+1.0 Temp | 5698.915 | 0.000 | 0.000 | -0.038 | -0.000 | -0.000 |
| 1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp | 5698.915 | 0.000 | -843.918 | -29.113 | -0.000 | 0.000 |
| 1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp | 5698.915 | 421.959 | -730.854 | -25.218 | -14.537 | -0.022 |
| 1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp | 5698.915 | 730.854 | -421.959 | -14.576 | -25.179 | -0.038 |
| 1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp | 5698.915 | 843.918 | 0.000 | -0.038 | -29.075 | -0.044 |
| 1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp | 5698.915 | 730.854 | 421.959 | 14.499 | -25.179 | -0.038 |
| 1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp | 5698.915 | 421.959 | 730.854 | 25.141 | -14.537 | -0.022 |
| 1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp | 5698.915 | -0.000 | 843.918 | 29.036 | 0.000 | 0.000 |
| 1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp | 5698.915 | -421.959 | 730.854 | 25.141 | 14.537 | 0.022 |
| 1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp | 5698.915 | -730.854 | 421.959 | 14.499 | 25.179 | 0.038 |
| 1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp | 5698.915 | -843.918 | -0.000 | -0.039 | 29.075 | 0.044 |
| 1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp | 5698.915 | -730.854 | -421.959 | -14.576 | 25.179 | 0.038 |
| 1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp | 5698.915 | -421.959 | -730.854 | -25.218 | 14.537 | 0.022 |
| Dead+Wind 0 deg - Service | 2115.884 | -0.000 | -330.193 | -10.942 | -0.000 | -0.000 |
| Dead+Wind 30 deg - Service | 2115.884 | 165.096 | -285.956 | -9.479 | -5.462 | -0.010 |
| Dead+Wind 60 deg - Service | 2115.884 | 285.956 | -165.096 | -5.480 | -9.460 | -0.017 |
| Dead+Wind 90 deg - Service | 2115.884 | 330.193 | -0.000 | -0.019 | -10.924 | -0.019 |

| Load Combination | Vertical | $Shear_x$ | $Shear_z$ | Overturning Moment, $M_x$ | Overturning Moment, $M_z$ | Torque |
|---|---|---|---|---|---|---|
| | lb | lb | lb | kip-ft | kip-ft | kip-ft |
| Dead+Wind 120 deg - Service | 2115.884 | 285.956 | 165.096 | 5.443 | -9.460 | -0.017 |
| Dead+Wind 150 deg - Service | 2115.884 | 165.096 | 285.956 | 9.442 | -5.462 | -0.010 |
| Dead+Wind 180 deg - Service | 2115.884 | 0.000 | 330.193 | 10.905 | 0.000 | -0.000 |
| Dead+Wind 210 deg - Service | 2115.884 | -165.096 | 285.956 | 9.441 | 5.462 | 0.010 |
| Dead+Wind 240 deg - Service | 2115.884 | -285.956 | 165.096 | 5.443 | 9.460 | 0.017 |
| Dead+Wind 270 deg - Service | 2115.884 | -330.193 | 0.000 | -0.019 | 10.924 | 0.019 |
| Dead+Wind 300 deg - Service | 2115.884 | -285.956 | -165.096 | -5.480 | 9.460 | 0.017 |
| Dead+Wind 330 deg - Service | 2115.884 | -165.096 | -285.956 | -9.479 | 5.462 | 0.010 |

# Solution Summary

| | Sum of Applied Forces | | | Sum of Reactions | | | |
|---|---|---|---|---|---|---|---|
| Load Comb. | PX<br>lb | PY<br>lb | PZ<br>lb | PX<br>lb | PY<br>lb | PZ<br>lb | % Error |
| 1 | 0.000 | -2115.884 | 0.000 | -0.000 | 2115.884 | -0.000 | 0.000% |
| 2 | 0.000 | -2539.061 | -1188.695 | -0.000 | 2539.061 | 1188.695 | 0.000% |
| 3 | 0.000 | -1904.296 | -1188.695 | -0.000 | 1904.296 | 1188.695 | 0.000% |
| 4 | 594.347 | -2539.061 | -1029.440 | -594.347 | 2539.061 | 1029.440 | 0.000% |
| 5 | 594.347 | -1904.296 | -1029.440 | -594.347 | 1904.296 | 1029.440 | 0.000% |
| 6 | 1029.440 | -2539.061 | -594.347 | -1029.440 | 2539.061 | 594.347 | 0.000% |
| 7 | 1029.440 | -1904.296 | -594.347 | -1029.440 | 1904.296 | 594.347 | 0.000% |
| 8 | 1188.695 | -2539.061 | 0.000 | -1188.695 | 2539.061 | -0.000 | 0.000% |
| 9 | 1188.695 | -1904.296 | 0.000 | -1188.695 | 1904.296 | -0.000 | 0.000% |
| 10 | 1029.440 | -2539.061 | 594.347 | -1029.440 | 2539.061 | -594.347 | 0.000% |
| 11 | 1029.440 | -1904.296 | 594.347 | -1029.440 | 1904.296 | -594.347 | 0.000% |
| 12 | 594.347 | -2539.061 | 1029.440 | -594.347 | 2539.061 | -1029.440 | 0.000% |
| 13 | 594.347 | -1904.296 | 1029.440 | -594.347 | 1904.296 | -1029.440 | 0.000% |
| 14 | 0.000 | -2539.061 | 1188.695 | 0.000 | 2539.061 | -1188.695 | 0.000% |
| 15 | 0.000 | -1904.296 | 1188.695 | 0.000 | 1904.296 | -1188.695 | 0.000% |
| 16 | -594.347 | -2539.061 | 1029.440 | 594.347 | 2539.061 | -1029.440 | 0.000% |
| 17 | -594.347 | -1904.296 | 1029.440 | 594.347 | 1904.296 | -1029.440 | 0.000% |
| 18 | -1029.440 | -2539.061 | 594.347 | 1029.440 | 2539.061 | -594.347 | 0.000% |
| 19 | -1029.440 | -1904.296 | 594.347 | 1029.440 | 1904.296 | -594.347 | 0.000% |
| 20 | -1188.695 | -2539.061 | 0.000 | 1188.695 | 2539.061 | 0.000 | 0.000% |
| 21 | -1188.695 | -1904.296 | 0.000 | 1188.695 | 1904.296 | 0.000 | 0.000% |
| 22 | -1029.440 | -2539.061 | -594.347 | 1029.440 | 2539.061 | 594.347 | 0.000% |
| 23 | -1029.440 | -1904.296 | -594.347 | 1029.440 | 1904.296 | 594.347 | 0.000% |
| 24 | -594.347 | -2539.061 | -1029.440 | 594.347 | 2539.061 | 1029.440 | 0.000% |
| 25 | -594.347 | -1904.296 | -1029.440 | 594.347 | 1904.296 | 1029.440 | 0.000% |
| 26 | 0.000 | -5698.915 | 0.000 | -0.000 | 5698.915 | 0.000 | 0.000% |
| 27 | 0.000 | -5698.915 | -843.918 | -0.000 | 5698.915 | 843.918 | 0.000% |
| 28 | 421.959 | -5698.915 | -730.854 | -421.959 | 5698.915 | 730.854 | 0.000% |
| 29 | 730.854 | -5698.915 | -421.959 | -730.854 | 5698.915 | 421.959 | 0.000% |
| 30 | 843.918 | -5698.915 | 0.000 | -843.918 | 5698.915 | -0.000 | 0.000% |
| 31 | 730.854 | -5698.915 | 421.959 | -730.854 | 5698.915 | -421.959 | 0.000% |
| 32 | 421.959 | -5698.915 | 730.854 | -421.959 | 5698.915 | -730.854 | 0.000% |
| 33 | 0.000 | -5698.915 | 843.918 | 0.000 | 5698.915 | -843.918 | 0.000% |
| 34 | -421.959 | -5698.915 | 730.854 | 421.959 | 5698.915 | -730.854 | 0.000% |
| 35 | -730.854 | -5698.915 | 421.959 | 730.854 | 5698.915 | -421.959 | 0.000% |
| 36 | -843.918 | -5698.915 | 0.000 | 843.918 | 5698.915 | 0.000 | 0.000% |
| 37 | -730.854 | -5698.915 | -421.959 | 730.854 | 5698.915 | 421.959 | 0.000% |
| 38 | -421.959 | -5698.915 | -730.854 | 421.959 | 5698.915 | 730.854 | 0.000% |
| 39 | 0.000 | -2115.884 | -330.193 | 0.000 | 2115.884 | 330.193 | 0.000% |
| 40 | 165.096 | -2115.884 | -285.956 | -165.096 | 2115.884 | 285.956 | 0.000% |
| 41 | 285.956 | -2115.884 | -165.096 | -285.956 | 2115.884 | 165.096 | 0.000% |
| 42 | 330.193 | -2115.884 | 0.000 | -330.193 | 2115.884 | 0.000 | 0.000% |
| 43 | 285.956 | -2115.884 | 165.096 | -285.956 | 2115.884 | -165.096 | 0.000% |
| 44 | 165.096 | -2115.884 | 285.956 | -165.096 | 2115.884 | -285.956 | 0.000% |

| | Sum of Applied Forces | | | Sum of Reactions | | | |
|---|---|---|---|---|---|---|---|
| Load Comb. | PX lb | PY lb | PZ lb | PX lb | PY lb | PZ lb | % Error |
| 45 | 0.000 | -2115.884 | 330.193 | -0.000 | 2115.884 | -330.193 | 0.000% |
| 46 | -165.096 | -2115.884 | 285.956 | 165.096 | 2115.884 | -285.956 | 0.000% |
| 47 | -285.956 | -2115.884 | 165.096 | 285.956 | 2115.884 | -165.096 | 0.000% |
| 48 | -330.193 | -2115.884 | 0.000 | 330.193 | 2115.884 | -0.000 | 0.000% |
| 49 | -285.956 | -2115.884 | -165.096 | 285.956 | 2115.884 | 165.096 | 0.000% |
| 50 | -165.096 | -2115.884 | -285.956 | 165.096 | 2115.884 | 285.956 | 0.000% |

## Non-Linear Convergence Results

| Load Combination | Converged? | Number of Cycles | Displacement Tolerance | Force Tolerance |
|---|---|---|---|---|
| 1 | Yes | 4 | 0.00000001 | 0.00000001 |
| 2 | Yes | 4 | 0.00000001 | 0.00000001 |
| 3 | Yes | 4 | 0.00000001 | 0.00000001 |
| 4 | Yes | 4 | 0.00000001 | 0.00000001 |
| 5 | Yes | 4 | 0.00000001 | 0.00000001 |
| 6 | Yes | 4 | 0.00000001 | 0.00000001 |
| 7 | Yes | 4 | 0.00000001 | 0.00000001 |
| 8 | Yes | 4 | 0.00000001 | 0.00000001 |
| 9 | Yes | 4 | 0.00000001 | 0.00000001 |
| 10 | Yes | 4 | 0.00000001 | 0.00000001 |
| 11 | Yes | 4 | 0.00000001 | 0.00000001 |
| 12 | Yes | 4 | 0.00000001 | 0.00000001 |
| 13 | Yes | 4 | 0.00000001 | 0.00000001 |
| 14 | Yes | 4 | 0.00000001 | 0.00000001 |
| 15 | Yes | 4 | 0.00000001 | 0.00000001 |
| 16 | Yes | 4 | 0.00000001 | 0.00000001 |
| 17 | Yes | 4 | 0.00000001 | 0.00000001 |
| 18 | Yes | 4 | 0.00000001 | 0.00000001 |
| 19 | Yes | 4 | 0.00000001 | 0.00000001 |
| 20 | Yes | 4 | 0.00000001 | 0.00000001 |
| 21 | Yes | 4 | 0.00000001 | 0.00000001 |
| 22 | Yes | 4 | 0.00000001 | 0.00000001 |
| 23 | Yes | 4 | 0.00000001 | 0.00000001 |
| 24 | Yes | 4 | 0.00000001 | 0.00000001 |
| 25 | Yes | 4 | 0.00000001 | 0.00000001 |
| 26 | Yes | 4 | 0.00000001 | 0.00000001 |
| 27 | Yes | 4 | 0.00000001 | 0.00000001 |
| 28 | Yes | 4 | 0.00000001 | 0.00000001 |
| 29 | Yes | 4 | 0.00000001 | 0.00000001 |
| 30 | Yes | 4 | 0.00000001 | 0.00000001 |
| 31 | Yes | 4 | 0.00000001 | 0.00000001 |
| 32 | Yes | 4 | 0.00000001 | 0.00000001 |
| 33 | Yes | 4 | 0.00000001 | 0.00000001 |
| 34 | Yes | 4 | 0.00000001 | 0.00000001 |
| 35 | Yes | 4 | 0.00000001 | 0.00000001 |
| 36 | Yes | 4 | 0.00000001 | 0.00000001 |
| 37 | Yes | 4 | 0.00000001 | 0.00000001 |
| 38 | Yes | 4 | 0.00000001 | 0.00000001 |
| 39 | Yes | 4 | 0.00000001 | 0.00000001 |
| 40 | Yes | 4 | 0.00000001 | 0.00000001 |
| 41 | Yes | 4 | 0.00000001 | 0.00000001 |
| 42 | Yes | 4 | 0.00000001 | 0.00000001 |
| 43 | Yes | 4 | 0.00000001 | 0.00000001 |
| 44 | Yes | 4 | 0.00000001 | 0.00000001 |
| 45 | Yes | 4 | 0.00000001 | 0.00000001 |

| | | | | |
|---|---|---|---|---|
| 46 | Yes | 4 | 0.00000001 | 0.00000001 |
| 47 | Yes | 4 | 0.00000001 | 0.00000001 |
| 48 | Yes | 4 | 0.00000001 | 0.00000001 |
| 49 | Yes | 4 | 0.00000001 | 0.00000001 |
| 50 | Yes | 4 | 0.00000001 | 0.00000001 |

## Maximum Tower Deflections - Service Wind

| Section No. | Elevation<br>ft | Horz. Deflection<br>in | Gov. Load Comb. | Tilt<br>° | Twist<br>° |
|---|---|---|---|---|---|
| T1 | 60 - 40 | 0.802 | 39 | 0.0959 | 0.0085 |
| T2 | 40 - 30 | 0.412 | 39 | 0.0833 | 0.0079 |
| T3 | 30 - 20 | 0.252 | 39 | 0.0631 | 0.0077 |
| T4 | 20 - 0 | 0.128 | 39 | 0.0498 | 0.0073 |

## Critical Deflections and Radius of Curvature - Service Wind

| Elevation<br>ft | Appurtenance | Gov. Load Comb. | Deflection<br>in | Tilt<br>° | Twist<br>° | Radius of Curvature<br>ft |
|---|---|---|---|---|---|---|
| 62.000 | RY-900A | 39 | 0.802 | 0.0959 | 0.0085 | 165195 |
| 20.000 | RY-900A | 39 | 0.128 | 0.0498 | 0.0073 | 23948 |

## Maximum Tower Deflections - Design Wind

| Section No. | Elevation<br>ft | Horz. Deflection<br>in | Gov. Load Comb. | Tilt<br>° | Twist<br>° |
|---|---|---|---|---|---|
| T1 | 60 - 40 | 2.887 | 2 | 0.3454 | 0.0240 |
| T2 | 40 - 30 | 1.483 | 2 | 0.2997 | 0.0233 |
| T3 | 30 - 20 | 0.906 | 2 | 0.2270 | 0.0231 |
| T4 | 20 - 0 | 0.461 | 2 | 0.1792 | 0.0223 |

## Critical Deflections and Radius of Curvature - Design Wind

| Elevation<br>ft | Appurtenance | Gov. Load Comb. | Deflection<br>in | Tilt<br>° | Twist<br>° | Radius of Curvature<br>ft |
|---|---|---|---|---|---|---|
| 62.000 | RY-900A | 2 | 2.887 | 0.3454 | 0.0240 | 45852 |
| 20.000 | RY-900A | 2 | 0.461 | 0.1792 | 0.0223 | 6655 |

## Bolt Design Data

| Section No. | Elevation ft | Component Type | Bolt Grade | Bolt Size in | Number Of Bolts | Maximum Load per Bolt lb | Allowable Load per Bolt lb | Ratio Load / Allowable | Allowable Ratio | Criteria |
|---|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 | Leg | A325N | 0.625 | 4 | 37.508 | 20708.699 | 0.002 ✔ | 1 | Bolt Tension |
| T2 | 40 | Leg | A325N | 0.625 | 4 | 892.845 | 20708.699 | 0.043 ✔ | 1 | Bolt Tension |
| T3 | 30 | Leg | A325N | 0.625 | 4 | 1647.830 | 20708.699 | 0.080 ✔ | 1 | Bolt Tension |
| T4 | 20 | Leg | A325N | 0.625 | 4 | 2631.950 | 20708.699 | 0.127 ✔ | 1 | Bolt Tension |

## Compression Checks

## Leg Design Data (Compression)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 1 1/4 | 20.000 | 2.191 | 84.1<br>K=1.00 | 1.227 | -3932.150 | 32911.801 | 0.119 [1] ✔ |
| T2 | 40 - 30 | 1 1/4 | 10.000 | 2.430 | 93.3<br>K=1.00 | 1.227 | -7110.680 | 29221.600 | 0.243 [1] ✔ |
| T3 | 30 - 20 | 2 | 10.000 | 2.430 | 58.3<br>K=1.00 | 3.142 | -11370.700 | 110252.000 | 0.103 [1] ✔ |
| T4 | 20 - 0 | 2 | 20.000 | 2.191 | 52.6<br>K=1.00 | 3.142 | -23581.301 | 115494.000 | 0.204 [1] ✔ |

[1] $P_u / \phi P_n$ controls

## Diagonal Design Data (Compression)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_{t1}$ lb | Ratio $\frac{P_u}{\phi P_{t1}}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.967 | 2.812 | 151.2<br>K=0.70 | 0.307 | -486.847 | 3032.710 | 0.161 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 3.147 | 2.983 | 160.4<br>K=0.70 | 0.307 | -640.888 | 2694.930 | 0.238 [1] ✔ |
| T3 | 30 - 20 | 3/4 | 3.147 | 2.885 | 129.2<br>K=0.70 | 0.442 | -867.012 | 5941.580 | 0.146 [1] ✔ |
| T4 | 20 - 0 | 3/4 | 2.967 | 2.719 | 121.8<br>K=0.70 | 0.442 | -1337.980 | 6552.880 | 0.204 [1] ✔ |

[1] $P_u / \phi P_n$ controls

## Horizontal Design Data (Compression)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.000 | 1.896 | 101.9<br>K=0.70 | 0.307 | -34.458 | 5753.070 | 0.006 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 2.000 | 1.896 | 101.9<br>K=0.70 | 0.307 | -25.165 | 5753.070 | 0.004 [1] ✔ |
| T3 | 30 - 20 | 5/8 | 2.000 | 1.833 | 98.6<br>K=0.70 | 0.307 | -47.537 | 5960.740 | 0.008 [1] ✔ |
| T4 | 20 - 0 | 5/8 | 2.000 | 1.833 | 98.6<br>K=0.70 | 0.307 | -156.895 | 5960.740 | 0.026 [1] ✔ |

[1] $P_u / \phi P_n$ controls

## Top Girt Design Data (Compression)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.000 | 1.896 | 101.9<br>K=0.70 | 0.307 | -67.171 | 5753.070 | 0.012 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 2.000 | 1.896 | 101.9<br>K=0.70 | 0.307 | -157.056 | 5753.070 | 0.027 [1] ✔ |
| T3 | 30 - 20 | 5/8 | 2.000 | 1.833 | 98.6<br>K=0.70 | 0.307 | -138.214 | 5960.740 | 0.023 [1] ✔ |
| T4 | 20 - 0 | 5/8 | 2.000 | 1.833 | 98.6<br>K=0.70 | 0.307 | -302.643 | 5960.740 | 0.051 [1] ✔ |

[1] $P_u / \phi P_n$ controls

## Bottom Girt Design Data (Compression)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.000 | 1.896 | 101.9<br>K=0.70 | 0.307 | -142.275 | 5753.070 | 0.025 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 2.000 | 1.896 | 101.9<br>K=0.70 | 0.307 | -113.507 | 5753.070 | 0.020 [1] ✔ |
| T3 | 30 - 20 | 5/8 | 2.000 | 1.833 | 98.6<br>K=0.70 | 0.307 | -288.326 | 5960.740 | 0.048 [1] ✔ |
| T4 | 20 - 0 | 5/8 | 2.000 | 1.833 | 98.6<br>K=0.70 | 0.307 | -181.932 | 5960.740 | 0.031 [1] ✔ |

[1] $P_u$ / $\phi P_n$ controls

# Tension Checks

## Leg Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 1 1/4 | 20.000 | 2.191 | 84.1 | 1.227 | 3571.960 | 55223.301 | 0.065 [1] ✔ |
| T2 | 40 - 30 | 1 1/4 | 10.000 | 2.430 | 93.3 | 1.227 | 6591.910 | 55223.301 | 0.119 [1] ✔ |
| T3 | 30 - 20 | 2 | 10.000 | 2.430 | 58.3 | 3.142 | 10529.300 | 141372.000 | 0.074 [1] ✔ |
| T4 | 20 - 0 | 2 | 20.000 | 2.191 | 52.6 | 3.142 | 22067.100 | 141372.000 | 0.156 [1] ✔ |

[1] $P_u$ / $\phi P_n$ controls

## Diagonal Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.967 | 2.812 | 216.0 | 0.307 | 483.764 | 9940.200 | 0.049 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 3.147 | 2.983 | 229.1 | 0.307 | 637.729 | 9940.200 | 0.064 [1] ✔ |
| T3 | 30 - 20 | 3/4 | 3.147 | 2.885 | 184.6 | 0.442 | 863.897 | 14313.900 | 0.060 [1] ✔ |
| T4 | 20 - 0 | 3/4 | 2.967 | 2.719 | 174.0 | 0.442 | 1332.750 | 14313.900 | 0.093 [1] ✔ |

[1] $P_u$ / $\phi P_n$ controls

## Horizontal Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.000 | 1.896 | 145.6 | 0.307 | 35.679 | 9940.200 | 0.004 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 2.000 | 1.896 | 145.6 | 0.307 | 23.474 | 9940.200 | 0.002 [1] ✔ |
| T3 | 30 - 20 | 5/8 | 2.000 | 1.833 | 140.8 | 0.307 | 48.730 | 9940.200 | 0.005 [1] |

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T4 | 20 - 0 | 5/8 | 2.000 | 1.833 | 140.8 | 0.307 | 122.164 | 9940.200 | 0.012 [1] ✔ |

[1] $P_u / \phi P_n$ controls

## Top Girt Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.000 | 1.896 | 145.6 | 0.307 | 68.596 | 9940.200 | 0.007 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 2.000 | 1.896 | 145.6 | 0.307 | 155.206 | 9940.200 | 0.016 [1] ✔ |
| T3 | 30 - 20 | 5/8 | 2.000 | 1.833 | 140.8 | 0.307 | 138.314 | 9940.200 | 0.014 [1] ✔ |
| T4 | 20 - 0 | 5/8 | 2.000 | 1.833 | 140.8 | 0.307 | 300.957 | 9940.200 | 0.030 [1] ✔ |

[1] $P_u / \phi P_n$ controls

## Bottom Girt Design Data (Tension)

| Section No. | Elevation ft | Size | L ft | $L_u$ ft | Kl/r | A $in^2$ | $P_u$ lb | $\phi P_n$ lb | Ratio $\frac{P_u}{\phi P_n}$ |
|---|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | 5/8 | 2.000 | 1.896 | 145.6 | 0.307 | 145.548 | 9940.200 | 0.015 [1] ✔ |
| T2 | 40 - 30 | 5/8 | 2.000 | 1.896 | 145.6 | 0.307 | 115.006 | 9940.200 | 0.012 [1] ✔ |
| T3 | 30 - 20 | 5/8 | 2.000 | 1.833 | 140.8 | 0.307 | 288.966 | 9940.200 | 0.029 [1] ✔ |
| T4 | 20 - 0 | 5/8 | 2.000 | 1.833 | 140.8 | 0.307 | 938.531 | 9940.200 | 0.094 [1] ✔ |

[1] $P_u / \phi P_n$ controls

# Section Capacity Table

| Section No. | Elevation ft | Component Type | Size | Critical Element | P lb | $\phi P_{allow}$ lb | % Capacity | Pass Fail |
|---|---|---|---|---|---|---|---|---|
| T1 | 60 - 40 | Leg | 1 1/4 | 1 | -3932.140 | 32911.801 | 11.9 | Pass |
| | | Diagonal | 5/8 | 11 | -486.847 | 3032.710 | 16.1 | Pass |
| | | Horizontal | 5/8 | 15 | -34.458 | 5753.070 | 0.6 | Pass |
| | | Top Girt | 5/8 | 6 | -67.171 | 5753.070 | 1.2 | Pass |
| | | Bottom Girt | 5/8 | 7 | -142.275 | 5753.070 | 2.5 | Pass |
| T2 | 40 - 30 | Leg | 1 1/4 | 63 | -7110.680 | 29221.600 | 24.3 | Pass |
| | | Diagonal | 5/8 | 71 | -640.888 | 2694.930 | 23.8 | Pass |
| | | Horizontal | 5/8 | 73 | -25.165 | 5753.070 | 0.4 | Pass |
| | | Top Girt | 5/8 | 64 | -157.056 | 5753.070 | 2.7 | Pass |
| | | Bottom Girt | 5/8 | 67 | -113.507 | 5753.070 | 2.0 | Pass |
| T3 | 30 - 20 | Leg | 2 | 91 | -11370.600 | 110252.000 | 10.3 | Pass |
| | | Diagonal | 3/4 | 102 | -867.012 | 5941.580 | 14.6 | Pass |
| | | Horizontal | 5/8 | 104 | -47.537 | 5960.740 | 0.8 | Pass |
| | | Top Girt | 5/8 | 94 | -138.214 | 5960.740 | 2.3 | Pass |
| | | Bottom Girt | 5/8 | 98 | -288.326 | 5960.740 | 4.8 | Pass |
| T4 | 20 - 0 | Leg | 2 | 123 | -23581.301 | 115494.000 | 20.4 | Pass |
| | | Diagonal | 3/4 | 131 | -1337.980 | 6552.880 | 20.4 | Pass |
| | | Horizontal | 5/8 | 135 | -156.895 | 5960.740 | 2.6 | Pass |
| | | Top Girt | 5/8 | 125 | -302.643 | 5960.740 | 5.1 | Pass |
| | | Bottom Girt | 5/8 | 129 | 938.531 | 9940.200 | 9.4 | Pass |
| | | | | | | | Summary | |
| | | | | | | | Leg (T2) 24.3 | Pass |
| | | | | | | | Diagonal (T2) 23.8 | Pass |
| | | | | | | | Horizontal (T4) 2.6 | Pass |
| | | | | | | | Top Girt (T4) 5.1 | Pass |
| | | | | | | | Bottom Girt (T4) 9.4 | Pass |
| | | | | | | | Bolt Checks 12.7 | Pass |
| | | | | | | | **RATING = 24.3** | **Pass** |

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File: C:\Users\Trump\Documents\TSFoundation Jobs\112740-LEWIS & CLARK SUB, SD - MAT.out
Contract: 112740
Project: MAT FOUNDATION
Date and Time: 9/22/2022 2:40:42 PM

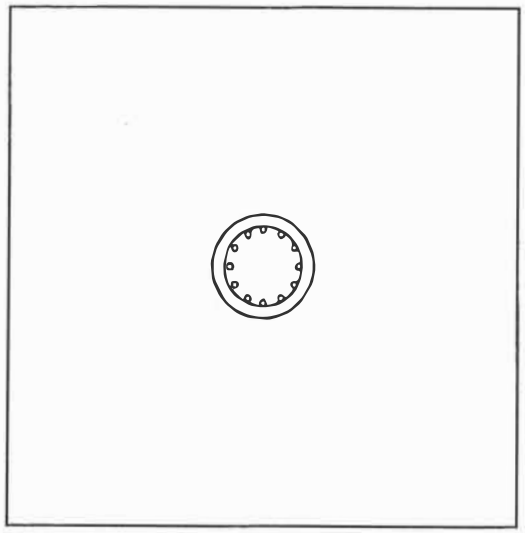
Revision:0
Site: LEWIS & CLARK SUB, SD
Engineer: EH

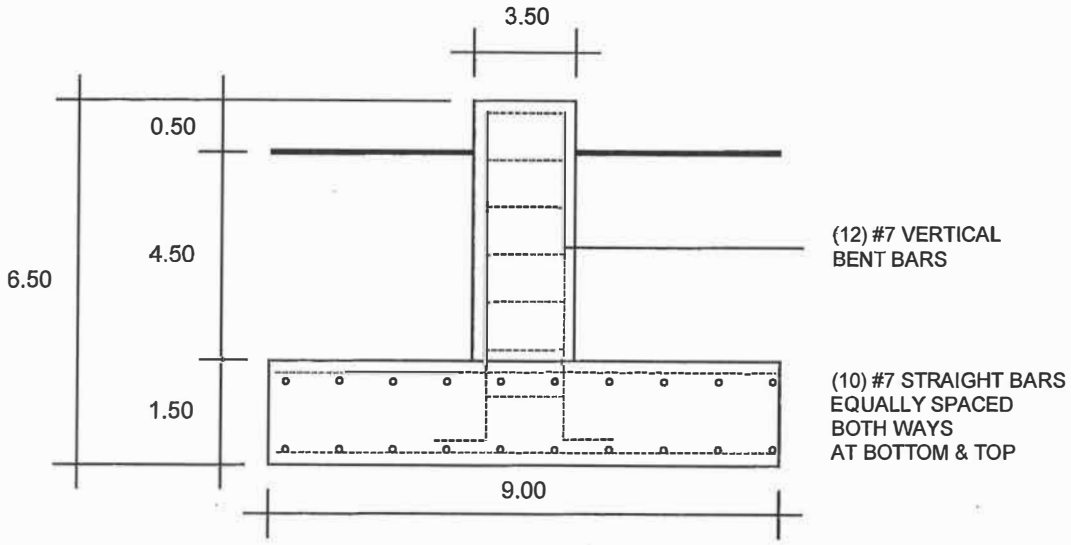
## MAT FOUNDATION

Design Standard: ANSI/TIA-222-G
Concrete Design per: ACI 318
Concrete (F'c): 4.50 (ksi)
Cement Type: GU
Steel (Fy): 60.00 (ksi)
Rebars: American
Concrete Volume: 6.28 (yd^3)
Water table: 8.00 (ft)
Frost Depth: 5.83 (ft)

### Tower Reactions:

Download: 2.54 (Kips)
Moment: 39.00 (Kipsft)
Shear: 1.19 (Kips)





**TS Foundation - v 2.0.1.5 Foundation Analysis Program**



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**File: C:\Users\Trump\Documents\TSFoundation Jobs\112740-LEWIS & CLARK SUB, SD - MAT.out**
**Contract: 112740** **Revision: 0**
**Project: MAT FOUNDATION** **Site: LEWIS & CLARK SUB, SD**
**Date and Time: 9/22/2022 2:39:43 PM** **Engineer: EH**

MAT FOUNDATION ANALYSIS

ANALYSIS VALUES FOR CONCRETE AND STEEL:

Concrete Strength (F'c) : 4.50 (ksi)
Steel Reinforcement Yield : 60.00 (ksi)
Concrete Weight per Unit Volume : 140.06 (pcf)

SOIL PROPERTIES:

| Layer # | Depth (ft) | Density (pcf) | Submerged Density (pcf) | Angle of Shearing Resistance | Allowable Net Bearing Pressure (psf) | Cohesion (psf) | Type of Soil |
|---|---|---|---|---|---|---|---|
| 1 | 5.00 | 100.00 | 38.00 | 0.0 | 0.00 | 1000.00 | CLAY |
| 2 | 9.50 | 100.00 | 38.00 | 0.0 | 2500.00 | 0.00 | SAND |

Depth of water below grade : 8.00 (ft)
Footing Assumed to be Completely Un-Submerged
Frost Depth : 5.83 (ft)
Dead Weight Factor for Soil & Concrete : 0.90
Extension of Pier Above Grade : 0.50 (ft)

Footing Designed According to : ANSI/TIA-222-G
Rebars : American

LOADING FACTORED AS PER ANSI/TIA-222-G

| DOWNLOAD (Kips) | SHEAR (Kips) | MOMENT (Kipsft) | TOTAL LOADING |
|---|---|---|---|
| 2.54 | 1.19 | 39.00 | Load Case 1 - Maximum Moment and matching Axial and Shear |
| 5.70 | 0.84 | 29.00 | Load Case 2 - Maximum Axial and matching Moment and Shear |

ALLOWABLE SOIL BEARING PRESSURE (NET) : 2500.00 (psf)
ULTIMATE SOIL BEARING PRESSURE (SAFETY FACTOR = 2.00) : 5000.00 (psf)
FACTORED SOIL BEARING PRESSURE : 3750.00 (psf)

SUPERSTRUCTURE : MONOPOLE

PIER SIZE: 3.50 (ft) ROUND
MAT WIDTH: 9.00 (ft)
MAT THICKNESS: 1.50 (ft)
MAT DEPTH BELOW GRADE: 6.00 (ft)
Soil resists overturning from top of non-battered pad

MAX. NET BEARING PRESSURE: 656.06 (psf) Load Case: 1
% BEARING = 100 * 656.06 / 3750.00 = 17.49%
OVERTURNING MOMENT: 46.73 (Kipsft) Load Case: 1
RESISTING MOMENT: 234.85 (Kipsft) Load Case: 1
% OVERTURNING = 100 * 46.73 / 234.85 = 19.90%

PAD CAPACITY (ONE-WAY SHEAR): Vc = 153.45 (Kips) Vf = 6.08 (Kips) Load Case: 1
% ONE-WAY SHEAR = 3.96
PAD CAPACITY (TWO-WAY SHEAR): Vc = 501.05 (Kips) Vf = 16.21 (Kips) Load Case: 2
% TWO-WAY SHEAR = 3.24

COLUMN CAPACITY
COLUMN REINFORCEMENT: 12-#7 PERCENTAGE: 0.52 %
MINIMUM REINFORCEMENT IN COMPRESSION REQUIRED BY CODE: 0.50 %
MAXIMUM DOWNLOAD: 34.28 (Kips) MAXIMUM MOMENT: 607.41 (Kipsft)
APPLIED MOMENT AT TOP OF PAD = Mt + Shear * H = 39.00 + 1.19 * 5.00 = 44.95 (Kipsft)
% COLUMN REINF. = 100 * 44.95 / 607.41 = 7.40%

PAD RESISTANCE IN BENDING
BENDING MOMENT: 1.69 (Kipsft) PER 1 FOOT Load Case: 1

**File: C:\Users\Trump\Documents\TSFoundation Jobs\112740-LEWIS & CLARK SUB, SD - MAT.out**
**Contract: 112740** **Revision: 0**
**Project: MAT FOUNDATION** **Site: LEWIS & CLARK SUB, SD**
**Date and Time: 9/22/2022 2:39:43 PM** **Engineer: EH**

PAD REINFORCEMENT: 10-#7 Area of Steel: 6.00 (in^2)
REQUIRED REINFORCEMENT: 0.26 (in^2)
MINIMUM REINFORCEMENT: 3.50 (in^2)
% MAT REINFORCING = 100 * 0.26 / 6.00 = 4.31%

MAXIMUM PERCENTAGE UTILIZED = 19.90%

DETAILS OF CALCULATION:

| | | | |
|---|---|---|---|
| WEIGHT OF CONCRETE (Wc): | 23.75 (Kips) | x 0.90 | = 21.38 (Kips) |
| WEIGHT OF SOIL ON PAD (Ws): | 32.12 (Kips) | x 0.90 | = 28.91 (Kips) |
| WEIGHT OF WEDGE OF SOIL (Ws1): | 0.00 (Kips) | x 0.75 | = 0.00 (Kips) |
| WEIGHT OF 2 CORNER CONES OF SOIL (Ws2): | 0.00 (Kips) | x 0.75 | = 0.00 (Kips) |
| WEIGHT OF 2 SIDE WEDGES OF SOIL (Ws3): | 0.00 (Kips) | x 0.75 | = 0.00 (Kips) |
| DOWNLOAD FROM STRUCTURE | | | = 2.54 (Kips) |

Note: For calculation of Overturning Moment the Download was divided by applied dead weight factor and then multiplied by factor of: 0.90

TOTAL VERTICAL FORCE (Pv): = 52.82 (Kips)

OVERTURNING MOMENT (Mov)
Mov = Moment from Tower + Shear x Height
Mov = 39.00 + 7.73 = 46.73 (Kipsft)

RESISTING MOMENT (Mres)
Mres = (Wc + Ws) x PadWidth / 2 + Ws1 x D1 + Ws2 x D2 + Ws3 x D3 + Download x (0.5 x PadWidth - Offset)
Distance from edge of pad to centre of gravity of wedge, D1 = 0.00 (ft)
Distance from edge of pad to centre of gravity of corner cones, D2 = 0.00 (ft)
Distance from edge of pad to centre of gravity of side wedges, D3 = 0.00 (ft)
Mres = (21.38 + 28.91) x 4.50 + 0.00 x 0.00 + 0.00 x 0.00 + 0.00 x 0.00 + 1.73 x (4.50 - 0.00)
Mres = = 234.05 (Kipsft)

COUNTERACTING MOMENT (Ms)
Ms = Ws1 x L1 + Ws2 x L2 + Ws3 x L3
Distance from centre of pad to centre of gravity of wedge, L1 = 0.00 (ft)
Distance from centre of pad to centre of gravity of corner cones, L2 = 0.00 (ft)
Distance from centre of pad to centre of gravity of side wedges, L3 = 0.00 (ft)
Ms = 0.00 x 0.00 + 0.00 x 0.00 + 0.00 x 0.00 = 0.00 (Kipsft)

Total Moment (Mt) = Moment from Tower + Shear x Height + Download x Offset - Ms
Total Moment (Mt) = 39.00 + 7.73 + 0.00 - 0.00 = 46.73 (Kipsft)

Eccentricity E = Mt / Pv = 46.73 / 52.82 = 0.885 (ft)

Maximum pressure along diagonal axis
Ecc <= PadWidth / (6 * SQRT(2))
Maximum Pressure = Pv / PadWidth^2 + (1 + SQRT(2) x 6 x Ecc / PadWidth)
Maximum Pressure = 52.82 / 9.00^2 + (1 + SQRT(2) x 6 x 0.885 / 9.00)
Maximum Gross Pressure = 1196.04 (psf)
Overburden Pressure = 539.98 (psf)
Maximum Net Pressure = 656.06 (psf)

Maximum pressure along parallel axis
Ecc <= PadWidth / 6
Maximum Pressure = (Pv / PadWidth^2) x ( 1 + 6 x Ecc / PadWidth)
Maximum Pressure = (52.82 / 81.00) x ( 1 + 6 x 0.885 / 9.00)
Maximum Gross Pressure = 1036.81 (psf)
Overburden Pressure = 539.98 (psf)
Maximum Net Pressure = 496.82 (psf)

ONE-WAY SHEAR

d1 = Depth of Pad - Clear Cover - Bar Size
d1 = 18.000 - 3.000 - 0.874 = 14.126 (in)

Vc = 2 x Phi x SQRT(F'c) x PadWidth x d1
Vc = 2 x 0.75 x SQRT(4500.01) x 108.00 x 14.126 / 1000 = 153.45 (Kips)
Vf = (0.5 x P1 + P2 - P3) x Pad Width x Bw
Bw = Distance from edge of pad to face of column - d1
Bw = 4.500 - 1.750 - 1.177 = 1.573 (ft)
P1 - Triangular pressure at length of Bw = 902.38 (psf)
P2 - Rectangular pressure at length of Bw = 134.43 (psf)
P3 - Overburden pressure at length of Bw = 134.43 (psf)
P1 + P2 = Maximum Gross Pressure
Vf = (451.19 + 134.43 - 539.98) x 9.00 x 1.57 / 1000 = 0.65 (Kips)

TWO-WAY SHEAR

Vc shall be lesser of:
a) Vc = (2 + 4 / beta) x Phi x SQRT(F'c) x Bo x d1
b) Vc = (2 + 40 x d1 / Bo) x Phi x SQRT(F'c) x Bo x d1
c) Vc = 4 x Phi x SQRT(F'c) x Bo x d1
Bo = PI x (PierSize + d1) = 176.33 (in)
a) Vc = (2 + 4 / 1.0) 0.75 x SQRT(4500.01) x 176.33 x 14.13 / 1000 = 751.57 (Kips)
b) Vc = (2 + 40 x 14.1 / 176.33) x 0.75 x SQRT(4500.01) x 176.33 x 14.13 / 1000
b) Vc = 651.93 (Kips)
c) Vc = 4.0 x 0.75 x SQRT(4500.01) x 176.33 x 14.13 / 1000 = 501.05 (Kips)
Note: Instead of calculating Vf as the pressure from Pad acting on area of pad minus area below pier we will use maximum vertical force plus the pier weight (from top of pier to the bottom of the pad) in dry condition with corresponding load factor.
Vf = 2.54 + 1.20 x 8.76 = 16.21 (Kips)

REINFORCEMENT OF PAD

Bending Moment Mpad = (Lbend - C3 / 3) x C3 x (Qmax / 2)
Lbend = (PadWidth - PierSize) / 2 = (9.00 - 3.50) / 2 = 2.75 (ft)
Qmax = LoadFactor x Gross Pressure' - Pressure of Soil on Pad =
= 1.00 x 1036.81 - 0.90 x 599.98 = 496.82 (psf)
Qmin = LoadFactor x Minimum Pressure - Pressure of Soil on Pad =
= 1.00 x 267.56 - 0.90 x 599.98 = 0.00 (psf)
Rectangular Pressure, Qmed = Qmax - (Qmax - Qmin) x Lbend / L1
L1 = Length of positive pressure = 9.00 (ft)
Qmed = 496.82 - (496.82 - 0.00) x 2.75 / 9.00 = 345.02 (psf)
Triangular Pressure, Qmax - Qmed = 496.82 - 345.02 = 151.81 (psf)
Mpad = (2.75 - 0.00) x 0.00 x (496.82 / 2) = 0.00 (Kipsft) PER 1 FOOT
Formula for Rho (square equation), where Ku = Mpad / (d^2) :
Fy x Rho - Ku / Phis - Phis x Fy^2 x Rho^2 / (1.7 x Phic x F'c) = 0
Solving the equation using Newton-Ralphson Method, Rho = 0.00003
Required area of steel: Rho x d1 x PadWidth = 0.00003 x 14.13 x 108.00 = 0.04 (in^2)
Minimum Area of Steel: 0.0018 x 108.00 x 18.00 = 3.50 (in^2)
Area of Steel in pad 10-#7 10 x 4165.67 = 6.00 (in^2)

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File: C:\Users\Trump\Documents\TSFoundation Jobs\112740-LEWIS & CLARK SUB, SD - PIER.out
Contract: 112740
Project: PIER FOUNDATION
Date and Time: 9/22/2022 11:56:16 AM

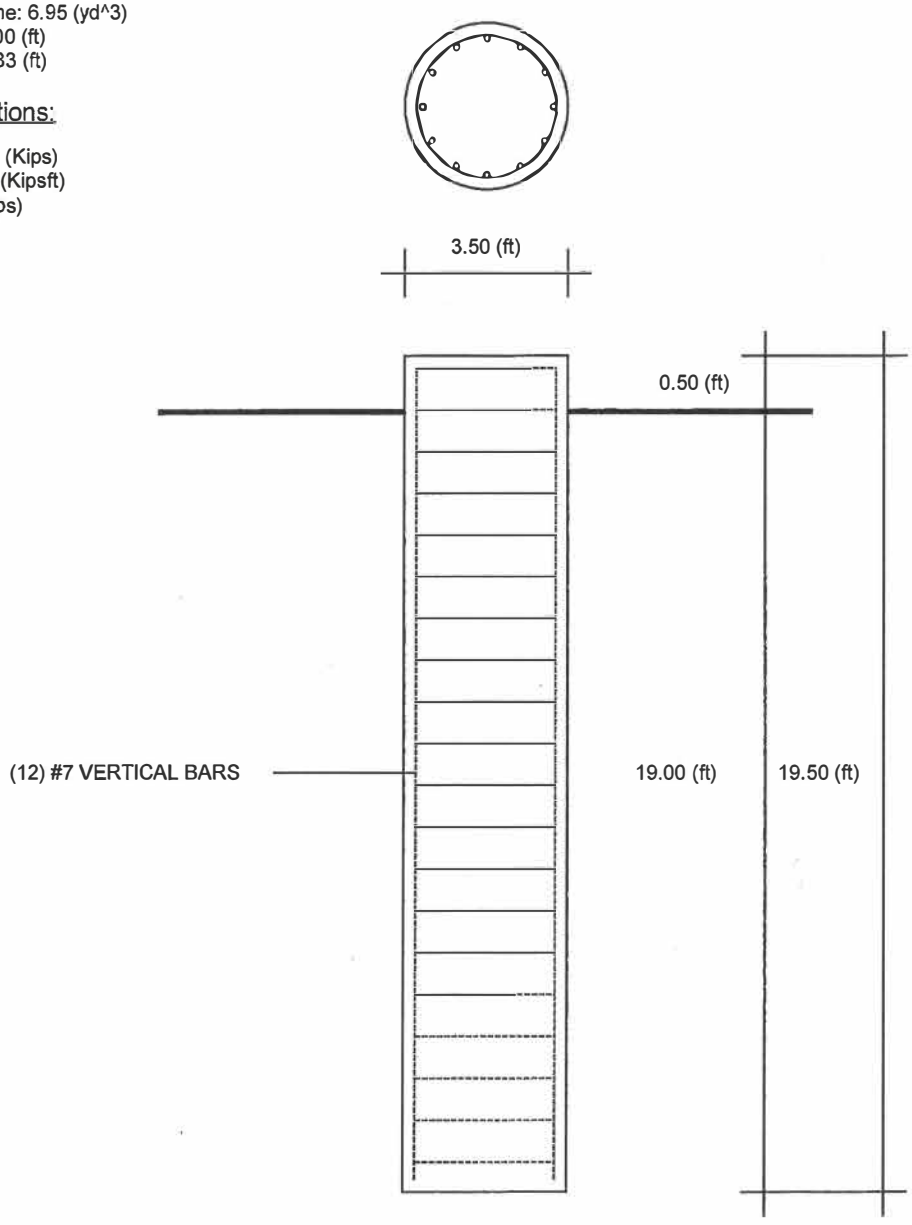
Revision:0
Site: LEWIS & CLARK SUB, SD
Engineer: EH

## CAISSON FOUNDATION

Design Standard: ANSI/TIA-222-G
Concrete Design per: ACI 318
Concrete (F'c): 4.50 (ksi)
Cement Type: GU
Steel (Fy): 60.00 (ksi)
Rebars: American
Concrete Volume: 6.95 (yd^3)
Water table: 8.00 (ft)
Frost Depth: 5.83 (ft)

### Tower Reactions:

Download: 2.54 (Kips)
Moment: 39.00 (Kipsft)
Shear: 1.19 (Kips)



**TS Foundation - v 2.0.1.5 Foundation Analysis Program**



**File: C:\Users\Trump\Documents\TSFoundation Jobs\112740-LEWIS & CLARK SUB, SD - PIER.out**
**Contract: 112740** **Revision: 0**
**Project: PIER FOUNDATION** **Site: LEWIS & CLARK SUB, SD**
**Date and Time: 9/22/2022 11:55:05 AM** **Engineer: EH**

CAISSON FOUNDATION ANALYSIS

DESIGN VALUES FOR CONCRETE, STEEL AND SOIL PROPERTIES:

| | | |
|---|---|---|
| Concrete Strength (F'c) | : | 4.50 (ksi) |
| Steel Reinforcement Yield | : | 60.00 (ksi) |
| Concrete Weight per Unit Volume | : | 140.06 (pcf) |

Soil Properties

| Layer # | Depth (ft) | Density (pcf) | Submerged Density (pcf) | Rankine Passive Pressure | Allowable Net Bearing Pressure (psf) | Cohesion of Soil (psf) | Skin Friction Download (psf) | Skin Friction Uplift (psf) | Uplift Bearing Pressure (psf) | Type of Soil |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.00 | 0.00 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SAND |
| 2 | 4.50 | 115.00 | 53.00 | 2.882 | 0.00 | 0.00 | 500.00 | 500.00 | 0.00 | SAND |
| 3 | 5.00 | 115.00 | 53.00 | 2.882 | 2400.00 | 0.00 | 460.00 | 460.00 | 0.00 | SAND |
| 4 | 16.50 | 115.00 | 53.00 | 3.254 | 2400.00 | 0.00 | 960.00 | 960.00 | 0.00 | SAND |

| | | |
|---|---|---|
| Depth of water below grade | : | 8.00 (ft) |
| Frost Depth | : | 5.83 (ft) |
| Depth of top soil ignored for cohesion | : | 0.98 (ft) |
| Extension of Caisson Above Grade | : | 0.50 (ft) |
| Foundation Designed According to | : | ANSI/TIA-222-G |
| Rebars | : | American |

LOADING FACTORED AS PER ANSI/TIA-222-G

| DOWNLOAD (Kips) | SHEAR (Kips) | MOMENT (Kipsft) | TOTAL LOADING |
|---|---|---|---|
| 2.54 | 1.19 | 39.00 | Load Case 1 - Maximum Moment and matching Axial and Shear |

| | | |
|---|---|---|
| ALLOWABLE SOIL BEARING PRESSURE (NET) | : | 2400.00 (psf) |
| ULTIMATE SOIL BEARING PRESSURE (SAFETY FACTOR = 3.00) | : | 7200.00 (psf) |
| FACTORED SOIL BEARING PRESSURE | : | 5400.00 (psf) |

SUPERSTRUCTURE : MONOPOLE

| CAISSON DEPTH (ft) | DIAMETER (ft) | BELL DIAMETER (ft) | BELL HEIGHT (ft) | BELL SLOPED HEIGHT (ft) | ANGLE | VOLUME (yd^3) |
|---|---|---|---|---|---|---|
| 19.00 | 3.50 | N/A | N/A | N/A | 0.00 | 6.95 |

| | | |
|---|---|---|
| Min. Depth required for lateral pressure | : | 9.51 (ft) |
| % LATERAL PRESSURE = 50.08% | | |
| Download Capacity | : | 125.09 (Kips) |
| % DOWNLOAD = 2.03% | | |
| Center of Rotation (COR) below grade | : | 6.97 (ft) |
| Maximum bending moment | : | 45.60 (Kipsft) |
| Depth below grade to maximum moment | : | 5.21 (ft) |

SHEAR FORCES AND MOMENTS ALONG CAISSON

| Depth below Grade (ft) | Shear Force (Kips) | Moment (Kipsft) |
|---|---|---|
| 0.00 | 3.17 | 39.64 |
| 1.27 | 3.17 | 40.81 |
| 2.26 | 3.17 | 41.98 |
| 3.24 | 3.17 | 43.15 |
| 4.22 | 3.17 | 44.32 |
| 5.21 | 0.99 | 45.60 |
| 5.54 | -3.57 | 45.60 |
| 6.52 | -18.95 | 24.96 |
| 7.50 | -18.32 | 38.90 |
| 8.49 | -5.11 | 4.19 |

| | | |
|---|---|---|
| 9.51 | 0.00 | 0.00 |

COLUMN CAPACITY
CAISSON REINFORCEMENT: 12-#7 PERCENTAGE: 0.52 %
MINIMUM REINFORCEMENT IN COMPRESSION REQUIRED BY CODE: 0.50 %
MAXIMUM DOWNLOAD: 84.37 (Kips) MAXIMUM MOMENT: 669.26 (Kipsft)
APPLIED MOMENT = 45.60 (Kipsft)
% COLUMN REINF. = 100 * 45.60 / 669.26 = 6.81%

MAXIMUM PERCENTAGE UTILIZED = 50.08%

DETAILS OF CALCULATION:

CALCULATION OF DOWNLOAD CAPACITY

Soil Bearing Capacity = Phi x BottomArea x SafetyFactor x AllowableBearingCapacity
Soil Bearing Capacity = 0.75 x 9.621 x 3.00 x 2400.00 = 51.95 (Kips)
Download resistance due to Skin Friction/Adhesion, Drf

| | | |
|---|---|---|
| Layer # 2 | PI x 4.50 x 3.50 x 500.00 | = 24.74 (Kips) |
| Layer # 3 | PI x 5.00 x 3.50 x 460.00 | = 25.29 (Kips) |
| Layer # 4 | PI x 4.50 x 3.50 x 960.00 | = 47.50 (Kips) |
| Sum of Skin Friction/Adhesion for entire shaft | | = 97.52 (Kips) |
| Drf = Phi x SkinResistance = 0.75 x 97.52 | | = 73.14 (Kips) |

Total Download Capacity = 125.09 (Kips)

AFFIDAVIT OF MAILING

I, Jerae Wire, hereby certify that on the 24th day of March, 2023, I mailed by first class mail, postage prepaid, a true and correct copy of the Notice of Public Hearing to all owners of real property lying within a 1,320 feet radius of the proposed project to the most recent address of the recipient known to your Affiant.
A true and correct copy of the Notice of Public Hearing notification letters are attached as Exhibit #1 or #2.
A true and correct copy of the mailing list for owners of real property is attached as Exhibit #1A or #2A.

Dated the 24th day of March, 2023.

(Name)
Affiant

Subscribed and sworn to before me this 24 day of MARCH, 2023.

Notary Public - South Dakota
My commission expires: June 7, 2023

(SEAL)

ANTHONY J. ENGLERT
NOTARY PUBLIC
SOUTH DAKOTA
My Commission Expires June 7, 2023

# NOTIFICATION

March 20, 2023

East River Electric
211 S. Harth Ave.,
Madison, SD 57042

Dear Yankton County Property Owner:

The Yankton County Zoning Ordinance requires written notification describing a specific action be sent to the owners of real property lying within 1,320 feet of the property on which the below described action is proposed. The notice shall be given to each owner of record by depositing such notice in the United States Post Office not less than 10 days prior to the hearing date. Therefore, you are hereby notified. Please take a moment to review the notice of public hearing described below.

## NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held before the Yankton County Board of Adjustment, Yankton County, South Dakota, at 6:30 P.M. on the 4th day of April, 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota.

Said hearing is to consider the following:
*Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota*

The application may be reviewed at the Zoning Administrators office, Yankton County Government Center, 321 West Third St., Yankton, S.D. or online at the Yankton County Website.

Sincerely,
Jerae Wire
East River Electric

Petitioner

ADAM, ROGER P (D)
109 VIOLET DR
YANKTON SD 57078

ADAM, ROLAND A (D)
317 S DEER BLVD
YANKTON SD 57078

BAKLEY, DEVIN W (D)
3710 STACI LN
YANKTON SD 57078

BGB LLC (D)
309 WEST SUMMIT ST
PAGE NE 68766

BGB LLC (D)
309 WEST SUMMIT
PAGE NE 68766

BRIGHTWAY ELECTRIC LLC (D)
PO BOX 216
YANKTON SD 57078

BRYAN, ANDREW D (D)
3711 KRISTI LN
YANKTON SD 57078

CORBIT, LANCE W (D)
3704 STACI LN
YANKTON SD 57078

DEIBERT, THOMAS E (D)
500 LARCH LN
YANKTON SD 57078

DIEFENDERFER, TERRY (D)
102 VIOLET DR
YANKTON SD 57078

DOLEJSI, WANDA L (D)
1109 CEDAR ST
YANKTON SD 57078

FOXHOVEN, TIMOTHY G (D)
101 VIOLET DR
YANKTON SD 57078

GUTHMILLER, KEVIN D (D)
105 VIOLET DR
YANKTON SD 57078

HAAS, TIMOTHY A (D)
104 VIOLET DR
YANKTON SD 57078

HEILMAN, THOMAS L (D)
3708 STACI LN
YANKTON SD 57078

HEINE FARMS (D)
PO BOX 477
YANKTON SD 57078

HEIRIGS, JOHN F (D)
760 LA VIESTA DR
DAVENPORT FL 33837

HENDERSON, GREGORY W (D)
3708 KRISTI LN
YANKTON SD 57078

HENDRIX, BRADIE A TRUST (D)
3702 STACI LN
YANKTON SD 57078

HINKER, DUSTIN ROBERT (D)
110 VIOLET DR
YANKTON SD 57078

K CONSTRUCTION LLC (D)
1603 LOCUST ST
YANKTON SD 57078

KALLHOFF, CHRISTOPHER L (D)
200 FORESTVIEW DR
YANKTON SD 57078

KATHOL, KEVIN (D)
3709 KRISTI LN
YANKTON SD 57078

KELLEN, TIM (D)
3710 KRISTI LN
YANKTON SD 57078

KOKESH, DAVID L (D)
3705 KRISTI LN
YANKTON SD 57078

KUEHLER, MARK E (D)
100 VIOLET DR
YANKTON SD 57078

LAKESIDE PARK SD LLC (D)
% RANDY SKILLIN
639 E MCKINLEY
FRESNO CA 93728

LIPPERT, WADE ALLEN (D)
3702 KRISTI LN
YANKTON SD 57078

MALLOY, MATTHEW JOHN (D)
108 VIOLET DR
YANKTON SD 57078

MUTSCHELKNAUS, JOSEPH A (D)
602 KIRBY ST
YANKTON SD 57078

NEU, JOHN J (D)
3706 KRISTI LN
YANKTON SD 57078

NEU, JUDITH L TRUST (D)
3706 STACI LN
YANKTON SD 57078

PAVELKA, GREGORY A (D)
3707 STACI LN
YANKTON SD 57078

PEPPER, SARA L (D)
107 VIOLET DR
YANKTON SD 57078

PETERSEN, AARON (D)
313 DEER BLVD
YANKTON SD 57078

PETERSEN, AARON (D)
PO BOX 1097
YANKTON SD 57078

RYKENS RV PARK INC (D)
31120 435 AVE
YANKTON SD 57078

SCHULTE, LEON K (D)
3711 STACI LN
YANKTON SD 57078

SEDLACEK, MELVIN R (D)
3703 STACI LN
YANKTON SD 57078

SHELDON, TODD M (D)
3705 STACI LN
YANKTON SD 57078

SKELHOUSE 1 LLC (D)
11707 ASTER WAY
WOODBURY MN 55125

SOMER, HAL L (D)
3709 STACI LN
YANKTON SD 57078

SOPHECK, SENG (D)
2405 WEST CITY LIMITS RD #314
YANKTON SD 57078

WALTERS, NICK (D)
612 KENNEDY ST
VERMILLION SD 57069

WEBER, MICHAEL (D)
500 KIRBY ST
YANKTON SD 57078

WECHSLER, TIMOTHY J (D)
3703 KRISTI LN
YANKTON SD 57078

WENTZ, CHELSEA J (D)
3704 KRISTI LN
YANKTON SD 57078

WEST YANKTON INC (D)
PO BOX 477
YANKTON SD 57078

WEYDERT, NICHOLAS J (D)
3707 KRISTI LN
YANKTON SD 57078

WHITE CRANE ESTATES LLC (D)
PO BOX 805
LAUREL NE 68745

WISE, LAURIE A (D)
106 VIOLET DR
YANKTON SD 57078

ZIEGLER, MARY L (D)
5821 HALFMOON WAY
LAS VEGAS NV 89108

ZIEGLER, WM (D)
201 EAST 23 ST
YANKTON SD 57078

AFFIDAVIT OF MAILING

I, Jesse Wire, hereby certify that on the 1st day of March, 2023, I mailed by first class mail, postage prepaid, a true and correct copy of the Notice of Public Hearing to all owners of real property lying within a 1,320 feet radius of the proposed project to the most recent address of the recipient known to your Affiant.

A true and correct copy of the Notice of Public Hearing notification letters are attached as Exhibit #1 or #2.

A true and correct copy of the mailing list for owners of real property is attached as Exhibit #1A or #2A.

Dated the 1st day of March, 2023.

Jesse Wire
(Name)
Affiant

Subscribed and sworn to before me this 1st day of March, 2023.

JESSE WYATT EHLERS
SEAL NOTARY PUBLIC SOUTH DAKOTA SEAL

(SEAL)

Notary Public - South Dakota
My commission expires: October, 21, 2028

# NOTIFICATION

February 27, 2023

East River Electric
211 S. Harth Ave.,
Madison, SD 57042

Dear Yankton County Property Owner:

The Yankton County Zoning Ordinance requires written notification describing a specific action be sent to the owners of real property lying within 1,320 feet of the property on which the below described action is proposed. The notice shall be given to each owner of record by depositing such notice in the United States Post Office not less than 10 days prior to the hearing date. Therefore, you are hereby notified. Please take a moment to review the notice of public hearing described below.

## NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:05 P.M. on the 14th day of March, 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota.

Said hearing is to consider the following:
*Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota*

The application may be reviewed at the Zoning Administrators office, Yankton County Government Center, 321 West Third St., Yankton, S.D. or online at the Yankton County Website.

Sincerely,
Jerae Wire
East River Electric

Petitioner

ADAM, ROGER P (D)
109 VIOLET DR
YANKTON SD 57078

ADAM, ROLAND A (D)
317 S DEER BLVD
YANKTON SD 57078

BAKLEY, DEVIN W (D)
3710 STACI LN
YANKTON SD 57078

BGB LLC (D)
309 WEST SUMMIT ST
PAGE NE 68766

BGB LLC (D)
309 WEST SUMMIT
PAGE NE 68766

BRIGHTWAY ELECTRIC LLC (D)
PO BOX 216
YANKTON SD 57078

BRYAN, ANDREW D (D)
3711 KRISTI LN
YANKTON SD 57078

CORBIT, LANCE W (D)
3704 STACI LN
YANKTON SD 57078

DEIBERT, THOMAS E (D)
500 LARCH LN
YANKTON SD 57078

DIEFENDERFER, TERRY (D)
102 VIOLET DR
YANKTON SD 57078

DOLEJSI, WANDA L (D)
1109 CEDAR ST
YANKTON SD 57078

FOXHOVEN, TIMOTHY G (D)
101 VIOLET DR
YANKTON SD 57078

GUTHMILLER, KEVIN D (D)
105 VIOLET DR
YANKTON SD 57078

HAAS, TIMOTHY A (D)
104 VIOLET DR
YANKTON SD 57078

HEILMAN, THOMAS L (D)
3708 STACI LN
YANKTON SD 57078

HEINE FARMS (D)
PO BOX 477
YANKTON SD 57078

HEIRIGS, JOHN F (D)
760 LA VIESTA DR
DAVENPORT FL 33837

HENDERSON, GREGORY W (D)
3708 KRISTI LN
YANKTON SD 57078

HENDRIX, BRADIE A TRUST (D)
3702 STACI LN
YANKTON SD 57078

HINKER, DUSTIN ROBERT (D)
110 VIOLET DR
YANKTON SD 57078

K CONSTRUCTION LLC (D)
1603 LOCUST ST
YANKTON SD 57078

KALLHOFF, CHRISTOPHER L (D)
200 FORESTVIEW DR
YANKTON SD 57078

KATHOL, KEVIN (D)
3709 KRISTI LN
YANKTON SD 57078

KELLEN, TIM (D)
3710 KRISTI LN
YANKTON SD 57078

KOKESH, DAVID L (D)
3705 KRISTI LN
YANKTON SD 57078

KUEHLER, MARK E (D)
100 VIOLET DR
YANKTON SD 57078

LAKESIDE PARK SD LLC (D)
% RANDY SKILLIN
639 E MCKINLEY
FRESNO CA 93728

LIPPERT, WADE ALLEN (D)
3702 KRISTI LN
YANKTON SD 57078

MALLOY, MATTHEW JOHN (D)
108 VIOLET DR
YANKTON SD 57078

MUTSCHELKNAUS, JOSEPH A (D)
602 KIRBY ST
YANKTON SD 57078

NEU, JOHN J (D)
3706 KRISTI LN
YANKTON SD 57078

NEU, JUDITH L TRUST (D)
3706 STACI LN
YANKTON SD 57078

PAVELKA, GREGORY A (D)
3707 STACI LN
YANKTON SD 57078

PEPPER, SARA L (D)
107 VIOLET DR
YANKTON SD 57078

PETERSEN, AARON (D)
313 DEER BLVD
YANKTON SD 57078

PETERSEN, AARON (D)
PO BOX 1097
YANKTON SD 57078

RYKENS RV PARK INC (D)
31120 435 AVE
YANKTON SD 57078

SCHULTE, LEON K (D)
3711 STACI LN
YANKTON SD 57078

SEDLACEK, MELVIN R (D)
3703 STACI LN
YANKTON SD 57078

SHELDON, TODD M (D)
3705 STACI LN
YANKTON SD 57078

SKELHOUSE 1 LLC (D)
11707 ASTER W AY
W OODBURYMN 55125

SOMER, HAL L (D)
3709 STACI LN
YANKTON SD 57078

SOPHECK, SENG (D)
2405 W ESTCITY LIMITS RD #314
YANKTON SD 57078

W ALTERSNICK (D)
612 KENNEDY ST
VERMILLION SD 57069

WEBER, MICHAEL (D)
500 KIRBY ST
YANKTON SD 57078

W ECHSLERTIMOTHY J (D)
3703 KRISTI LN
YANKTON SD 57078

W ENTZCHELSEA J (D)
3704 KRISTI LN
YANKTON SD 57078

W ESTYANKTON INC (D)
PO BOX 477
YANKTON SD 57078

W EYDERTNICHOLAS J (D)
3707 KRISTI LN
YANKTON SD 57078

W HITECRANE ESTATES LLC (D)
PO BOX 805
LAUREL NE 68745

W ISELAURIE A (D)
106 VIOLET DR
YANKTON SD 57078

ZIEGLER, MARY L (D)
5821 HALFMOON WAY
LAS VEGAS NV 89108

ZIEGLER, WM (D)
201 EAST 23 ST
YANKTON SD 57078

# Yankton County, South Dakota

# Receipt

**Payment number** 213758068
**Date paid** February 1, 2023 10:39 AM
**Payment method** Online

**Paid by**
Jerae Wire
jwire@eastriver.coop

## $300.00 paid on February 1, 2023

### Variance, Conditional Use and Rezoning Application

**Application ID:** 90593

| Description | Amount |
|---|---|
| **Fee** | $300.00 |

PROVAL of Application No. 8717-3 with qualifications because 1) unappropriated water is available, 2) existing domestic water uses and water rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Chief Engineers recommendation with qualifications, the application, and staff report are available at https://danr.sd.gov/public or contact Ron Duvall for this information, or other information. at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at https://danr.sd.gov/public or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program. Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 13, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at https://danr.sd.gov/public or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 13, 2023.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published once at the total approximate cost of $42.24 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3, 2023.**

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**NOTICE OF HEARING OF THE THE YANKTON COUNTY PLANNING COMMISSION RECOMMENDATION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Planning Commission on the 14th day of March 2023 beginning at 7:15 p.m. in the Commission Chambers, Yankton County, South Dakota, to consider recommendation to amend Article 4 and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

BEVERAGES

NOTICE IS HEREBY GIVEN that an application has been received by the Board of City Commissioners of the City of Yankton, South Dakota, for a Special Events RETAIL (on-sale) Liquor License for 3 days, April 14-16, 2023 from SDJCI Senate, (Cindy Crooks, President) dba SDJCI Senate, NFAA, 800 Archery Lane, Yankton, South Dakota.

NOTICE IS FURTHER GIVEN that a Public Hearing upon the application will be held on Monday, March 13th, 2023 at 7:00 p.m. in the City of Yankton Community Meeting Room at the Technical Education Center, 1200 West 21st Street, Yankton, South Dakota, where any person or persons interested in the approval or rejection of the above application may appear and be heard.

Dated at Yankton, South Dakota this 27th day of February, 2023.

Al Viereck
FINANCE OFFICER

Published once at the total approximate cost of $15.04 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3, 2023.**

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**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:05 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:10 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a variance to minimum lot size in an Agriculture District. Applicant wishes to replot one platted non-conforming lot into two lots each smaller than 20 acres per Article 18 Section 1807. Said property is legally described as
Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/4 of the NE1/4 of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 address is 30499 SW Jim River Rd, Yankton. South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaeflis 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183

Published twice at the total approximate cost of $38.60 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

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STATE OF SOUTH DAKOTA

COUNTY OF YANKTON

IN CIRCUIT COURT

1ST JUDICIAL CIRCUIT

IN THE MATTER OF THE PETITION OF:
Patrick Allan Ernster

FOR A CHANGE OF NAME TO:
Pat Allen Ernster

FILE NO: 66CIV23-18

**NOTICE OF HEARING FOR ADULT NAME CHANGE**

NOTICE IS HEREBY GIVEN a Verified Petition for Adult Name Change has been filed by Patrick Allan Ernster the object and prayer of which is to change Petitioner's name

viewed free of charge at www.sd-publicnotices.com

**Published February 10, 17, 24 & March 3, 2023.**

be held Mar. 9-11 in Watertown. Parkston finished its season 16-7.

PARKSTON (16-7) ..... 9 11 10 16—46
SISSETON (20-2) ..... 14 9 19 17—59

Grant Nelson, North Dakota State (Jr., F)
Andrew Rohde, St. Thomas (Fr., G)
Connor Vanover, Oral Roberts (Sr., F)

## SCOREBOARD

### BASKETBALL

**SUMMIT LEAGUE MEN'S TOURN.**

**March 3-7 at Sioux Falls**

**First Round, March 3**
No. 8 Denver (15-16, 6-12) vs. No. 9 North Dakota (12-19, 6-12), 6 p.m.
No. 7 Kansas City (11-20, 7-11) vs. No. 10 Omaha (8-22, 4-14), 8:30 p.m.

**Quarterfinals**
**Saturday, March 4**
No. 1 Oral Roberts (27-4, 18-4) vs. Denver/UNO winner, 6 p.m.
No. 2 South Dakota State (18-12, 13-5) vs. KC/Omaha winner, 8:30 p.m.

**Sunday, March 5**
No. 4 Western Illinois (16-13, 9-9) vs. No. 5 St. Thomas (18-13, 9-9), 6 p.m.
No. 3 North Dakota State (14-16, 11-7) vs. No. 6 South Dakota (12-18, 7-11), 8:30 p.m.

**Semifinals, March 6**
DRU/Denver/UND winner vs. WIU/ST winner, 6p.m.
SDSU/KC/Omaha winner vs. NDSU/USD winner, 8:30 p.m.

**Championship, March 7**
Semifinal winners, 8 p.m.

**SUMMIT LEAGUE WOMEN**

**March 3-7 at Sioux Falls**

**First Round, March 3**
No. 8 St. Thomas (12-16, 7-11) vs. No. 9 Western Illinois (10-19, 5-13), 12:30 p.m.
No. 7 Denver (12-17, 8-10) vs. No. 10 Kansas City (7-22, 3-15), 3 p.m.

**Quarterfinals**
**Saturday, March 4**
No. 1 South Dakota State (25-5, 18-0) vs. ST/WIU winner, 12:30 p.m.
No. 2 North Dakota State (18-10, 12-6) vs. Denver/KC winner, 3 p.m.

**Sunday, March 5**
No. 4 South Dakota (14-15, 10-8) vs. No. 5 Oral Roberts (11-18, 8-10), 12:30 p.m.
No. 3 North Dakota (18-10, 11-7) vs. No. 6 Omaha (13-16, 8-10), 3 p.m.

**Semifinals, March 8**
SDSU/ST/WIU winner vs. USD/ORU winner, 12:30 p.m.
NDSU/Denver/KC winner vs. UND/Omaha winner, 3 p.m.

**Championship, March 7**
Semifinal winners, 1 p.m.

**NEB. STATE GIRLS' TOURN.**

**March 1-4 at Lincoln**
NOTE: All finals at Pinnacle Bank Arena
All third place games at Lincoln Northwest

**CLASS C2**

**First Round, March 2 at Devaney**
Crofton 49, Cross Country 27
Oakland-Craig 36, Ponca 22
Pender 56, Clarkson-Leigh 37
Guardian Angels CC 67, Southern Valley 46

**Semifinals, March 3 at Devaney**
No. 1 Crofton (24-2) vs. No. 4 Oakland-Craig (23-4), 1:30 p.m.
No. 2 Pender (26-3) vs. No. 3 Guardian Angels CC (21-4)

**Final Round, March 4**
CHAMPIONSHIP: Semifinal winners, 4:15 p.m.
THIRD: Semifinal losers, 9 a.m.

**CLASS D1**

**First Round, March 1**
**At Pinnacle Bank Arena**
Ravenna 51, Sumner-Eddyville-Miller 37
Hastings St. Cecilia 49, Elmwood-Murdock 37

**At Devaney**
Centura 45, Elgin Public-Pope John 27
Cedar Catholic 69, Johnson-Brock 36

**Semifinals, March 3 at Devaney**
No. 1 Ravenna (25-2) vs. No. 4 Hastings St. Cecilia (19-7), 9 a.m.
No. 2 Centura (24-3) vs. No. 3 Cedar Catholic (21-6), 10:45 a.m.

**CLASS D2**

**First Round, March 2**
**At Pinnacle Bank Arena**
Falls City Sacred Heart 64, Leyton 30
Humphrey St. Francis 61, McCool Junction 54

**At Devaney**
Shelton 52, Wilcox-Hildreth 22
Wynot 53, O'Neill St. Mary's 44

**Semifinals, March 3 at Devaney**
No. 1 Falls City Sacred Heart (24-3) vs. No. 5 Humphrey St. Francis (20-6), 6 p.m.
No. 2 Shelton (23-1) vs. No. 6 Wynot (17-9), 7:45 p.m.

**Final Round, March 4**
CHAMPIONSHIP: Semifinal winners, 8:15 p.m.
THIRD: Semifinal losers, 3 p.m.

**NEB. BOYS' DISTRICT FINALS**

**Monday, Feb. 27**
C2-1: Freeman 62, Oakland-Craig 22
C2-2: Amherst 65, Hershey 34
C2-3: Doniphan-Trumbull 39, Hastings St. Cecilia 38
C2-5: Elkhorn Valley 71, Summerland 53
C2-7: Norfolk Catholic 44, Crosa County 30
D2-1: Shelton 90, Medicine Valley 46
D2-3: Wynot 79, Hay Springs 27
D2-4: Osceola 64, Friend 45
D2-5: Sumner-Eddyville-Miller 46, Creighton 43

**Tuesday, Feb. 28**
C2-4: Hartington Cedar Catholic 52, Yutan 40
C2-6: Tri County 50, Wakefield 47
C2-8: Gordon-Rushville 40, Elmwood-Murdock 26
D2-2: Parkview Christian 76, Fullerton 38
D2-6: Paxton 56, Stuart 47
D2-7: Falls City Sacred Heart 66, Potter-Dix 44
D2-8: Santee 61, Mullen 55, OT

**S.D. SODAK 16**

**CLASS AA BOYS**
**All Games on March 4**
No. 16 Rapid City Stevens (5-15) at No. 1 Sioux Falls Jefferson (18-2), 4 p.m.
No. 9 Harrisburg (13-7) at No. 8 Brandon Valley, 3 p.m.
No. 15 Rapid City Central (6-14) at No. 2 Sioux Falls Lincoln (17-3), 3 p.m.
No. 10 Sturgis (10-9) at No. 7 Sioux Falls Roosevelt (12-8), 3 p.m.
No. 13 Aberdeen Central (6-12) at No. 4 Yankton (15-5), 2 p.m.
No. 12 Huron (7-13) at No. 5 Sioux Falls Washington (14-6), 2 p.m.
No. 14 Watertown (7-13) vs. No. 3 Mitchell (15-4), 6 p.m.
No. 11 O'Gorman (7-13) at No. 6 Pierre (13-7), 3 p.m.

**CLASS A GIRLS**
**All Games On March 2**
Hamlin 60, Milbank 24
Wagner 72, Tea Area 52
Sioux Falls Christian 61, Lennox 29
Red Cloud 63, Garretson 58
Flandreau 47, St. Thomas More 38
Lakota Tech 68, Dupree 34
Sisseton 59, Parkston 46
Rapid City Christian 60, Miller 47

**CLASS B GIRLS**
**All Games On March 2**
Wolsey-Wessington 58, Leola-Frederick Area 23
Ethan 34, Corsica-Stickney 31
Viborg-Hurley 63, Lyman 34
Sully Buttes 44, Harding County 26
Wall 74, Warner 64
Howard 61, Wessington Springs 40
Castlewood 74, Timber Lake 46
Jones County 54, Centerville 37

**S.D. BOYS' REGIONS**

NOTE: "Qualifier Bound" winners advance to SoDak 16 on March 7

**REGION 4A**

**First Round, Feb. 28**
Dakota Valley 85, Parker 31
Tea Area 72, Beresford 47
Vermillion 51, Lennox 47
Elk Point-Jefferson 79, Canton 70

**Qualifier Round, March 3**
No. 4 Tea Area (14-6) at No. 1 Dakota Valley (21-0)
No. 7 Vermillion (10-11) at No. 3 Elk Point-Jefferson (15-6)

**REGION 5A**

**First Round, Feb. 27**
Bon Homme 71, Sanborn Central-Woonsocket 59

**Second Round, Feb. 28**
Mount Vernon-Plankinton 75, Bon Homme 47
Parkston 49, Kimball-White Lake 40
Platte-Geddes 64, Chamberlain 40
Harrison 56, Wagner 42

**Qualifier Round, March 3**
No. 4 Parkston (12-9) at No. 1 Mount Vernon-Plankinton (16-6)
No. 3 Harrison (14-7) at No. 2 Platte-Geddes (15-6)

**REGION 4B**

**First Round, Feb. 27**
Gayville-Volin 56, Menno 53

**Second Round, Feb. 28**
Viborg-Hurley 75, Gayville-Volin 46
Scotland 57, Centerville 54, OT
Freeman Academy-Marion 42, Freeman 35
Irene-Wakonda 62, Alcester-Hudson 49

**Qualifier Round, March 3 at Centerville**
No. 5 Scotland (10-11) vs. No. 1 Viborg-Hurley (18-3)
No. 3 Irene-Wakonda a (10-11) vs. No. 2 Freeman Academy-Marion (13-8)

**REGION 5B**

**First Round, Feb. 27**
Avon 54, Andes Central-Dakota Christian 48

**Second Round, Feb. 28**
Gregory 66, Avon 26
Tripp-Delmont-Armour 49, Colome 29
Wessington Springs 69, Burke 37
Marty 66, Corsica-Stickney 54

**Qualifier Round, March 3 at Mitchell**
No. 1 Gregory (15-6) vs. No. 4 Tripp-Delmont-Armour (17-4), 6 p.m.
No. 2 Wessington Springs (15-6) vs. No. 3 Marty (13-7), 7:30 p.m.

## SPORTS DIGEST

### Bucks Host Aberdeen Central In SoDak 16

The Yankton Bucks (15-5) are the fourth seed in the Class AA boys' basketball SoDak 16, and will host Aberdeen Central on Saturday at 2 p.m.

Doors will open at 1 p.m. No passes will be honored.

The winner of Saturday's game will advance to the South Dakota State Class AA Boys' Basketball Tournament, March 16-18 in Rapid City.

### Neb. Boys' Pairings Set

LINCOLN, Neb. — The Nebraska School Activities Association announced times and venues for the Boys Basketball State Championships Mar. 8-11 in Lincoln.

In the Class C2 bracket, the Cedar Catholic Trojans, 22-4, are the No. 4 seed and play No. 5 seed Elkhorn Valley, 23-2, in the quarterfinals Mar. 9 at 10:45 a.m. at the Devaney Center.

The Wynot Blue Devils, 22-4, earned the No. 1 seed in the Class D2 bracket and will play No. 8 seed Paxton, 17-5, in the quarterfinals Mar. 9 at 9 a.m. inside Pinnacle Bank Arena.

Also in Class D2, the No. 7 seed Santee Warriors, who earned a trip to the state tournament for the first time in school history, will play No. 2 seed Shelton at 6 p.m. Mar. 9 in the Devaney Center.

Semifinals in Class C2 will all be played at Devaney on Friday. Championship games will be played at Pinnacle Bank Arena, with third place games at Lincoln Southeast High School.

### USD's Larkins Named First-Team All-Summit

SIOUX FALLS — South Dakota sophomore point guard Grace Larkins is one of six players named first-team all-Summit League as voted on by the conference's coaches, media and sports information directors. In addition, Larkins is one of five players named to the all-defensive team. They are the first such honors for Larkins, who hails from Altoona, Iowa.

Larkins is the first player in Summit League history to rank in the top five in points, rebounds, assists and steals. In fact, she is currently top three in all four categories. She led the Summit with 89 assists in 18 conference games while averaging 18.3 points. 8.7 rebounds and 2.1 steals. Defensively, Larkins grabbed more defensive rebounds than any player in Summit play. She also compiled the third-most steals and seventh-most blocks.

Larkins is the eighth Coyote to earn first-team honors in 12 seasons inside the Summit League. South Dakota has had at least one first-team pick in 11 of 12 seasons. Larkins is the third Coyote to be named to the all-defensive team in the last two seasons. South Dakota featured the Defensive Player of the Year for five consecutive seasons from 2018-22.

## CALENDAR

**Friday, March 3**

BASKETBALL, MEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, WOMEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, BOYS' SD. Regions — 4A — Tea Area at Dakota Valley; Vermillion at Elk Point-Jefferson (KVTK AM/FM, Vermillion Streaming); 5A — Parkston at Mount Vernon-Plankinton; Hanson at Platte-Geddes; 4B at Centerville — Viborg-Hurley vs. Scotland (KVHT-FM, 3 Star Streaming); Freeman Academy-Marion vs. Irene-Wakonda (KVHT-FM, 3 Star Streaming); 5B at Mitchell — Gregory vs. Tripp-Delmont-Armour (6 p.m.); Wessington Springs vs. Marty (7:30 p.m.)

BASKETBALL, GIRLS' Neb. State Tourn. at Lincoln — C2 — Oakland Craig vs. Crofton; D1 — Hartington Cedar Catholic vs. Ravenna; D2 — Wynot vs. Falls City Sacred Heart

BOWLING, CLUBHS State Boys' Tourn. at Sport Bowl, Sioux Falls (8:30 a.m.)

HOCKEY, BOYS' JV State Tourn. at Pierre

SOFTBALL, COLLEGE Adam Brown Memorial Shamrock Classic at Conway, Ark. — USD vs. Iowa (10 a.m.); USD at Central Arkansas (3 p.m.)

TRACK & FIELD, COLLEGE INDOOR NAIA Championships at Brookings

**Saturday, March 4**

BASEBALL, COLLEGE MMU at Benedictine (DH, noon)

BASKETBALL, MEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, WOMEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, BOYS' S.D. Class AA SoDak 16 — Aberdeen Central at YHS (KYNT-AM/FM/TV, KVHT-FM, 5 Star Streaming)

BASKETBALL, GIRLS' Neb. State Tourn. at Lincoln (Crofton, Hartington Cedar Catholic, Ponca, Wynot)

HOCKEY, BOYS' JV State Tourn. at Pierre

SOFTBALL, COLLEGE Adam Brown Memorial Shamrock Classic at Conway, Ark. — USD vs. Iowa (9:30 a.m.); USD vs. Stephen F. Austin (11:30 a.m.)

TRACK & FIELD, COLLEGE INDOOR NAIA Championships at Brookings

**Sunday, March 5**

BASEBALL, COLLEGE MMU at Benedictine (DH, noon)

BASKETBALL, MEN'S Summit League Tourn. at Sioux Falls — USD vs. North Dakota State (6:30 p.m., KVHT-FM, MidcoSN)

BASKETBALL, WOMEN'S Summit League Tourn. at Sioux Falls — USD vs. Oral Roberts (12:30 p.m., KVHT-FM, MidcoSN)

HOCKEY, BOYS' JV State Tourn. at Pierre

TENNIS, WOMEN'S USD at North Dakota (10 a.m.)

### MMU's Schleis, Wiebelhaus Among Leaders In Heptathlon At NAIA Meet

BROOKINGS — Mount Marty seniors Mason Schleis and Seth Wiebelhaus rank third and eighth after the opening day of heptathlon competition at the NAIA Indoor Track and Field Championships, Thursday at the Sanford-Jackrabbit Athletic Complex in Brookings.

Cole Wilson of Keiser leads the event with 3,049 points, followed by Daktoa State's Treshawn Roberts (2,897) and Schleis (2,793). Wiebelhaus ended the first day with 2,594 points.

Schleis ranked first in the long jump (22-4 ½), third in the 60-meter dash (7.13), sixth in the high jump (6-2) and 12th in the shot put (32-11 ¾).

Wiebelhaus ranked fifth in the shot put (37-0 ½), eighth in the high jump (5-11 ¾), ninth in the long jump (20-5) and 12th in the 60 (7.38).

The heptathlon concludes today (Friday) with the 60-meter hurdles, pole vault and 1,000-meter run.

In the men's 1600 relay prelims, Mount Marty's Devon Breckenridge, Schleis, Nathaniel Kropuenske and Nathan Simons finished 17th out of 19, clocking a 3:20.52.

The MMU women's 1600 relay team was disqualified in its prelim.

MMU has several athletes competing in prelims today.

## *CROSSWORD*

**By THOMAS JOSEPH**

**ACROSS**

1 Back biter
6 Gem unit
11 Find darling
12 Unescorted
13 Quick kisses
14 Summit goals
15 Young foxes
17 Revue segment
18 Chef's need
20 Long-snouted fish
22 Make fun of
23 Holiday events
26 Stylishly quaint
28 Prelude
29 Sticks
31 Owns
32 Puts away
33 Mexican coin
34 Bounders
36 Thick slice
38 Distant
40 African lilies
43 Cherry center
44 Pageant crown
45 Neighsayer
46 Ledger item

**DOWN**

1 Travel aid
2 Poem of praise
3 Prevented intruders, in a way
4 Alan of "Argo"
5 Breather
6 Upper limit
7 Nome native
8 Caused trouble
9 Against
10 Midterm, for one
16 Relaxing retreat
18 Gumbo base
19 Competed
21 Eye part
23 Cruise stop
24 Important times
25 Mediocre
27 Grounds
30 Slalom maneuver
33 Michael of Monty Python
34 Moolah
35 Choir voice
37 Past due
39 Clinic cost
41 Go wrong
42 Utter

**Yesterday's answer**

3-3

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**3-3 CRYPTOQUOTE**

XUIJ UH SKJ IXEPJY IEY

PKULK XERJ UH SKJ KEMJG.

— RULSEY KAVE

**Yesterday's Cryptoquote:** SOMEONE ASKED ME, IF I WERE STRANDED ON A DESERT ISLAND, WHAT BOOK WOULD I BRING: "HOW TO BUILD A BOAT." — STEVEN WRIGHT

2010 Legal and Public Notices

mation, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at https://danr.sd.gov/public or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 20, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at https://danr.sd.gov/public or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 20, 2023.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

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**NOTICE OF HEARING OF THE THE YANKTON COUNTY PLANNING COMMISSION RECOMMENDATION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Planning Commission on the 14th day of March 2023 beginning at 7:15 p.m. in the Commission Chambers, Yankton County, South Dakota, to consider recommendation to amend Article 4 and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Planning Commission may recommend adoption Yankton County Or-

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FACILITY LOCATION:
**1000 Cattle Drive in the city of Yankton, in the Northeast ¼ of Section 17 and Northwest ¼ of Section 18, all in Township 93 North, Range 55 West, in Yankton County, South Dakota**

MAILING ADDRESS:
**PO Box 80**
**Yankton, SD 57078**

The Pretreatment Industrial User permit will allow the indirect discharge of process wastewater from American Foods Group dba Cimpl's LLC cattle slaughterhouse process. Indirect discharges from this facility will enter the city of Yankton's Publicly Owned Treatment Works, where it will receive further treatment.

Tentative determinations regarding the limits for any discharge and other conditions have been made by DANR. The Pretreatment Industrial User permit specifies the amount of pollution which can be discharged to the sanitary sewer and still protect the Publicly Owned Treatment Works, worker health and safety, biosolids quality, and the receiving stream. The draft discharge permit and supporting document are available from DANR at the address listed below.

In accordance with the Administrative Rules of South Dakota, Chapter 74:50:02, any person desiring to comment on the Department's recommendation for the conditional issuance of this permit must submit written comments to the below address within the specified thirty (30) day comment period. Comments may be directed to the following address: South Dakota Department of Agriculture and Natural Resources, Water Quality Program, Joe Foss Building, 523 East Capitol, Pierre, SD 57501. Comments may also be provided within the specified thirty (30) day comment period using the online comment form, accessible via the "Comment Deadline" links provided a http://danr.sd.gov/public. Any person desiring a public hearing must file a petition which complies with the ARSD 74:50:02. If no objections are received within the specified 30-day period, the Secretary will issue final determinations within sixty days of the date of this notice.

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Plat of Lots I and 2 of J & P Frick Addition, in the SWl/4 of the SEl/4 of Section 8, and in the NW1/w of the NE1/4. of Section 17, T94N,

2010 Legal and Public Notices

tions in accordance with the Yankton County Zoning Ordinance and provide recommendations/findings to the Yankton County Commission/ Board of Adjustment. There may be other special meetings as assigned. These will be three year terms April 2026.

Those who want to be considered for an appointment are asked to submit a written statement describing their background to email address: gary@co.yankton.sd.us or Yankton County Planning & Zoning, 321 West 3rd Street #209, Yankton, S.D. 57078. All applications will be submitted to the Yankton County Commissioners for review and selection on April 4, 2023.

**All applications must be received by 5:00 p.m., Monday, March 27, 2023.**

For more information, contact Yankton County Planning & Zoning Department at 605-260-4445.

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**Published March 10, 17 & 24, 2023.**

# Flood

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However, while flooding may affect these rivers, the Missouri River in the northern plains, at least at this time, is anticipated to have a quiet year.

Ryan Larsen, Reservoir Regulation Team Lead with the United States Army Corps of Engineers (USACE), said runoff above Sioux City is forecast at only 21.5 million acre feet (MAF) this year.

"We are expecting below-average runoff during the high-runoff periods of March-April, typically when the plains snowpack melts, and May-July, typically when the mountain snowpack melts," he said.

While the thick blanket of snow in eastern South Dakota and North Dakota may contribute to some flooding in the coming weeks, Larsen said it will have some benefit.

"Most of this snowpack is covering the James and Big Sioux watersheds, which drain into the Missouri River downstream of the system of reservoirs," he said. "The plains snowpack will help replenish the soil moisture deficit, which is reflected in the drought seasonal outlook showing drought improvement and removal over much of the Dakotas."

Larsen added that the snowpack in the Dakotas isn't expected to melt until the end of the month.

*Follow @RobNielsenPandD on Twitter.*

# Bicameral

**From Page 5**

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Natalie Hahn, whose family has farms in Polk and Merrick Counties, said senators need to remember that Nebraska's system is a "gem" and a "treasure" to the rest of the world. She said that when she'd bring international visitors to Nebraska as part of her work with the United Nations, they'd be most in awe of the Unicameral.

Hahn also called for senators to remember the words at the south entrance of the Capitol: "The salvation of the state is watchfulness in the citizen."

"Let us ensure the watchfulness is based on local needs, particularly independence and brilliance for all Nebraskans," Hahn said.

# Prisons

**From Page 1**

"As Secretary Wasko said during her legislative testimony, upon completion (of the new prisons), we will balance the statewide population to accommodate each facility's design capacity with room for offender progression and regression throughout all facilities," he said.

The MDSP holds medium-security male inmates, while the Yankton Minimum Unit houses inmates completing their sentences and transitioning toward release.

As of Wednesday, MDSP housed 1,025 offenders at Springfield and 258 at the Yankton Minimum Unit, Wimder said.

MDSP, a former college campus, holds the capacity for about 1,240 inmates, according to the DOC website. The census can vary daily, depending on incoming prisoners, releases and transfers.

The Springfield prison also oversees the Yankton Minimum Unit and the Rapid City Minimum Unit.

The DLR Group has provided a forecast of the anticipated explosion of inmates in South Dakota corrections. Within the next 20 years, the total population is expected to increase by 26% (from 3,407 to 4,296). The forecasted population increases by 19.1% (from 503 to 599) for females and 15.1% (from 2,904 to 3,342) for males from 2022 to 2026.

**LAWMAKERS SPEAK OUT**

District 18 lawmakers weighed in on corrections issues both during Saturday's legislative forum in Yankton and afterwards during interviews with the *Press & Dakotan*. The delegation includes Sen. Jean Hunhoff (R-Yankton) and Reps. Mike Stevens (R-Yankton) and Julie Auch (R-Lesterville).

All three lawmakers said they believe inmates may eventually be transferred from Springfield to Sioux Falls or remain housed in Sioux Falls for their entire sentence.

"With the new prison in Sioux Falls, we may see inmates from Springfield going back to Sioux Falls," she said, adding she doesn't Hunhoff any major changes at the Yankton trusty unit.

The women's prison in Pierre woefully underserves the growing female inmate population, Hunhoff said.

"No woman should have to live in those conditions," she said.

Stevens looks for adjustments with completion of the new men's prison, which he said will house an estimated 1,500 inmates.

"I think there will be a redistribution with some of the inmates in Springfield and other places," he said.

When it comes to the housing of female inmates, Stevens agreed with Hunhoff on the current dire facilities.

"As for the women's prison, it's just a terrible situation," he said. "You have nine people (housed) in a small room, and that makes it really difficult. It's just a hodgepodge bunch of buildings."

The state also needs to address juvenile justice and the worsening problem of young offenders, Stevens said.

"When I think about when we were kids, the situations that our friends were involved in, that's significantly different now," he said. "It's more serious and at a lot younger age, and the dynamic of the family isn't often what it was 20 or 30 years ago."

The state's corrections system, particularly for juvenile offenders, needs constant re-evaluation, Stevens said. "We don't have the resources in our rural areas to help those kids, and it's something we have to work on," he said.

Springfield and Yankton aren't included in the current bills, but the state may need to address those facilities in the future, Auch said.

She agreed on the need to deal with the state's correction

In addition, she spoke about staffing shortages at Springfield, Pierre and Sioux Falls.

During Saturday's forum, Hunhoff noted the state's major investment in the coming years for corrections. She acknowledged the need for more prison space, but she also called for alternatives to incarceration.

"We're spending half a billion dollars on prison. What are we spending to keep people out of prison?" she said.

The session's focus hasn't been only on building more prisons. Lawmakers are also looking at areas such as juvenile justice and rehabilitation programs for inmates with addiction issues.

The corrections issue isn't limited to the state facilities, as counties are asking for assistance in housing and transporting prisoners. By a 54-15 margin, the House defeated a bill that would have funded regional county jails. The bill would have created a $40 million revolving loan fund for regional county jails with $10 million in grants.

In the DOC system, Wasko brings her experiences from another state to the table in making changes to the South Dakota penal system, Hunhoff said.

"If you listen to the new Secretary of Corrections, she comes from a much different background as far as a corrections system," the state senator said. "She realizes the importance of behavioral health in prisons."

Wasko has indicated she wants to pursue rehabilitation programs seeking to keep inmates from returning to jail, Hunhoff said. In addition, the DOC has reviewed the way in which addiction recovery services are delivered for inmates.

"We're seeing a different approach in looking at the best practices for rehab for those inmates," Hunhoff added.

She pointed to Teen Challenge of the Dakotas as one example of alternative programming. It is a nonprofit addiction recovery ministry in Brookings that uses a faith-based, holistic approach to working with those struggling with addiction, depression, criminal activity or something else.

The residential program serves mesdfn 18 years and older. The 16-month program consists of five phases. The first four phases consist of a total of 10 months of induction and training. The final phase consists of six months of re-entry, focused on discipleship and assistance in transitioning back into the "real world."

Teen Challenge has resulted in a lower recidivism rate — the number of inmates who return to prison — than a number of other rehab programs, Hunhoff said.

A problem exists with the lack of mental health and other professionals to meet the growing need, Hunhoff said. "We don't have enough practitioners so they can treat more patients," she said.

**PROVIDING SERVICES**

Stevens pointed to the need for maintaining current alternative programs. HB 1170 didn't receive support, he said, because it would have eliminated four special courts in the justice system for DUI, drug, veterans and mental health.

The First Circuit, which consists of southeast South Dakota, has instituted community response teams and other innovative said.

"The other problem we have is that we have the community services readily available in areas such as the Yankton area, but you get out into the rural areas and they don't have it," he said.

In those rural areas, offenders must go through the DOC system to get the same services, Stevens said.

"It doesn't seem very fair compared to those persons who have those services (and can stay out of prison)," he said. "They're in prison because their community can put money into services."

With the new prisons, South Dakota will operate eight correctional facilities which represent ongoing financial commitments, Stevens said.

Hunhoff pointed to both the immediate and long-range needs.

"We have two major projects going on at the same time, and they have fixed operational costs," she said. "The big picture out there is the ongoing state expenses down the line."

*Follow @RDockendorf on Twitter.*

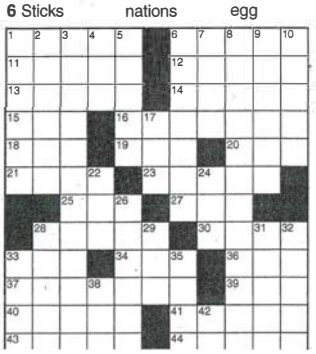
## *CROSSWORD*

**By THOMAS JOSEPH**

**ACROSS**
1 Beer amounts
6 Pet store buys
11 Birth-related
12 Calendar entry
13 Texas landmark
14 Joyful
15 Under the weather
16 Under-wear type
18 Maui souvenir
19 Naughty act
20 Wisdom bringer
21 Headliner
23 Sculpting medium
25 "Platoon" setting
27 Bro's sibling
28 Moving about
30 Endure
33 Nest egg acct.
34 Bashful pal
36 First número
37 MIT rival
39 Boar's mate
41 Blown away
43 City of southern France
44 Striped cat
45 Virtuous one
46 Goes downhill

**DOWN**
1 Slow movers
2 Bill holder
3 Soppressata, e.g.
4 Whale group
5 Casino machines
6 Sticks
7 Declare
8 Knack-wurst, e.g.
9 Incense
10 Fashion
17 That guy's
22 Maze runner
24 Motor need
26 Home of many OPEC nations
28 Mecca setting
29 Bird of myth
31 Deceived
32 Castle parts
33 Pics to click
35 Vouchers
38 Govt. agents
42 Goose egg

**Yesterday's answer**



tacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 20, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

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A public hearing will be held before the Yankton County Planning Commission on the 14th day of March 2023 beginning at 7:15 p.m. in the Commission Chambers, Yankton County, South Dakota, to consider recommendation to amend Article 4 and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Planning Commission may recommend adoption Yankton County Ordinance No.23-ZN-01.

Dated this 1st day of March, 2023

ATTEST: Gary Vetter – Development Services Director

Published twice at the total approximate cost of $35.42 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

**NOTICE OF PRETREATMENT INDUSTRIAL USER APPLICATION AND RECOMMENDATION**

The South Dakota Department of Agriculture and Natural Resources (DANR) has received an application for the renewal of a Pretreatment Industrial User permit from the following applicant:

APPLICANT NAME:
**American Foods Group dba Cimpl's LLC**

PERMIT NUMBER:
**SDP000113**

User permit specifies the amount of pollution which can be discharged to the sanitary sewer and still protect the Publicly Owned Treatment Works, worker health and safety, biosolids quality, and the receiving stream. The draft discharge permit and supporting document are available from DANR at the address listed below.

In accordance with the Administrative Rules of South Dakota, Chapter 74:50:02, any person desiring to comment on the Department's recommendation for the conditional issuance of this permit must submit written comments to the below address within the specified thirty (30) day comment period. Comments may be directed to the following address: South Dakota Department of Agriculture and Natural Resources, Water Quality Program, Joe Foss Building, 523 East Capitol, Pierre, SD 57501. Comments may also be provided within the specified thirty (30) day comment period using the online comment form, accessible via the "Comment Deadline" links provided a http://danr.sd.gov/public. Any person desiring a public hearing must file a petition which complies with the ARSD 74:50:02. If no objections are received within the specified 30-day period, the Secretary will issue final determinations within sixty days of the date of this notice.

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Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4. of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 address is 30499 SW Jim River Rd, Yankton, South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaeflis 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183

Published twice at the total approximate cost of $38.60 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

Zoning Administrator
321 W. 3rd St. #209
Yankton, SD 57078
605-260-4445

Press Release
March 8, 2023

Yankton County Commission is accepting applications for two positions on the Yankton County Planning Commission. The Planning Commission meets the second Tuesday of the month to review applica-

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Hahn also called for senators to remember the words at the south entrance of the Capitol: "The salvation of the state is watchfulness in the citizen."

"Let us ensure the watchfulness is based on local needs, particularly independence and brilliance for all Nebraskans," Hahn said.

*Nebraska Examiner is part of States Newsroom, a network of news bureaus supported by grants and a coalition of donors as a 501c(3) public charity. Nebraska Examiner maintains editorial independence. Contact Editor Cate Folsom for questions: info@nebraskaexaminer.com. Follow Nebraska Examiner on Facebook and Twitter.*

**Local News, Local Views: The P&D**

incoming prisoners, releases and transfers.

The Springfield prison also oversees the Yankton Minimum Unit and the Rapid City Minimum Unit.

The DLR Group has provided a forecast of the anticipated explosion of inmates in South Dakota corrections. Within the next 20 years, the total population is expected to increase by 26% (from 3,407 to 4,296). The forecasted population increases by 19.1% (from 503 to 599) for females and 15.1% (from 2,904 to 3,342) for males from 2022 to 2026.

### LAWMAKERS SPEAK OUT

District 18 lawmakers weighed in on corrections issues both during Saturday's legislative forum in Yankton and afterwards during interviews with the *Press & Dakotan*. The delegation includes Sen. Jean Hunhoff (R-Yankton) and Reps. Mike Stevens (R-Yankton) and Julie Auch (R-Lesterville).

All three lawmakers said they believe inmates may eventually be transferred from Springfield to Sioux Falls or remain housed in Sioux Falls for their entire sentence.

"With the new prison in Sioux Falls, we may see inmates from Springfield going back to Sioux Falls," she said, adding she doesn't Hunhoff any major changes at the Yankton trusty unit.

The women's prison in Pierre woefully underserves the growing female inmate population, Hunhoff said.

"No woman should have to live in those conditions," she said.

Stevens looks for adjustments with completion of the new men's prison, which he said will house an estimated 1,500 inmates.

"I think there will be a redistribution with some of the inmates in Springfield and other places," he said.

When it comes to the housing of female inmates, Stevens agreed with Hunhoff on the current dire facilities.

"As for the women's prison, it's just a terrible situation," he said. "You have nine people (housed) in a small room, and that makes it really difficult. It's just a hodgepodge bunch of buildings."

The state also needs to address juvenile justice and the worsening problem of young offenders, Stevens said.

"When I think about when we were kids, the situations that our friends were involved in, that's significantly different now," he said. "It's more serious and at a lot younger age, and the dynamic of the family isn't often what it was 20 or 30 years ago."

The state's corrections system, particularly for juvenile offenders, needs constant re-evaluation, Stevens said. "We don't have the resources in our rural areas to help those kids, and it's something we have to work on," he said.

Springfield and Yankton aren't included in the current bills, but the state may need to address those facilities in the future, Auch said.

She agreed on the need to deal with the state's correction needs. However, she believes the state has misspent money on other priorities that should have gone toward prisons.

In particular, she criticized SB 41, which provided $150 million for housing development. She remains opposed to the program and its funding, saying the funds could have come from outside sources.

"We would have had more than enough money to spend on prison if we wouldn't have just spent $150 million on (housing) development," she said.

"We do a lot of irresponsible spending, and we need to be a little more responsible."

### FINDING ALTERNATIVES

Wasko testified before the Joint Appropriations Committee, chaired by Hunhoff. The committee makes recommendations on spending bills.

Wasko testified about the growing prison population and the facilities that are unsafe for both inmates and employees.

jails with $10 million in grants.

In the DOC system, Wasko brings her experiences from another state to the table in making changes to the South Dakota penal system, Hunhoff said.

"If you listen to the new Secretary of Corrections, she comes from a much different background as far as a corrections system," the state senator said. "She realizes the importance of behavioral health in prisons."

Wasko has indicated she wants to pursue rehabilitation programs seeking to keep inmates from returning to jail, Hunhoff said. In addition, the DOC has reviewed the way in which addiction recovery services are delivered for inmates.

"We're seeing a different approach in looking at the best practices for rehab for those inmates," Hunhoff added.

She pointed to Teen Challenge of the Dakotas as one example of alternative programming. It is a nonprofit addiction recovery ministry in Brookings that uses a faith-based, holistic approach to working with those struggling with addiction, depression, criminal activity or something else.

The residential program serves mesdfn 18 years and older. The 16-month program consists of five phases. The first consists of southeast South Dakota, has instituted community response teams and other innovative said.

"The other problem we have is that we have the community services readily available in areas such as the Yankton area, but you get out into the rural areas and they don't have it," he said.

In those rural areas, offenders must go through the DOC system to get the same services, Stevens said.

"It doesn't seem very fair compared to those persons who have those services (and can stay out of prison)," he said. "They're in prison because their community can put money into services."

With the new prisons, South Dakota will operate eight correctional facilities which represent ongoing financial commitments, Stevens said.

Hunhoff pointed to both the immediate and long-range needs.

"We have two major projects going on at the same time, and they have fixed operational costs," she said. "The big picture out there is the ongoing state expenses down the line."

*Follow @RDockendorf on Twitter.*

## *CROSSWORD*

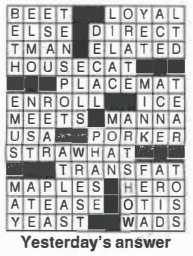
**By THOMAS JOSEPH**

**ACROSS**

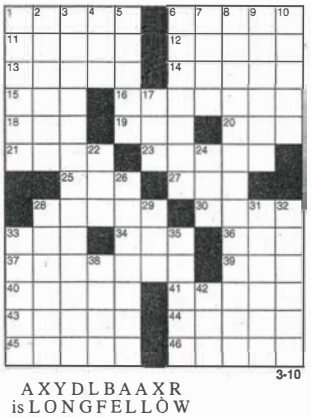
1 Beer amounts
6 Pet store buys
11 Birth-related
12 Calendar entry
13 Texas landmark
14 Joyful
15 Under the weather
16 Underwear type
18 Maui souvenir
19 Naughty act
20 Wisdom bringer
21 Headliner
23 Sculpting medium
25 "Platoon" setting
27 Bro's sibling
28 Moving about
30 Endure
33 Nest egg acct.
34 Bashful pal
36 First número
37 MIT rival
39 Boar's mate
40 Michelle or Malia
41 Blown away
43 City of southern France
44 Striped cat
45 Virtuous one
46 Goes downhill

**DOWN**

1 Slow movers
2 Bill holder
3 Soppressata, e.g.
4 Whale group
5 Casino machines
6 Sticks
7 Declare
8 Knack-wurst, e.g.
9 Incense
10 Fashion
17 That guy's
22 Maze runner
24 Motor need
26 Home of many OPEC nations
28 Mecca setting
29 Bird of myth
31 Deceived
32 Castle parts
33 Pics to click
35 Vouchers
38 Govt. agents
42 Goose egg



**Yesterday's answer**



3-10

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L' s,X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**3-10 CRYPTOQUOTE**

SGBQB'N YKSGHYD CKQB BCZTQQTNNHYD SGTY SK GTOB BTQYBE SGB EHNPTOKQ KP T ABQRBASHOB TYHCTI. — CHRGTBI RGTZKY

**Yesterday's Cryptoquote:** YOU'VE GOT TO JUMP OFF CLIFFS ALL THE TIME AND BUILD YOUR WINGS ON THE WAY DOWN. — RAY BRADBURY

## 2010 Legal and Public Notices

ADVERTISEMENT FOR BIDS

YANKTON SCHOOL DISTRICT 63-3

YANKTON, SOUTH DAKOTA 57078

Notice is hereby given, that sealed bids for the construction of 2023 Asphalt Surface Treatment will be received by the Yankton School District 63-3, at the Yankton School District Administration Building, 2410 West City Limits Rd, PO Box 738, Yankton, South Dakota, 57078 until 1:30 P.M., C.S.T. on Tuesday, April 4th, 2023, at which time they will be opened and read aloud by the Business Manager and witnessed by Supervisor of Buildings & Grounds, or as otherwise designated.

The project consists of: Asphalt Surface Treatment: various lots.

The complete set of Contract Documents, including drawings and specifications, is on file with Owner and the office of Brosz Engineering, Inc., 2309 W 50th Street, Sioux Falls, SD 57105. Digital Contract Documents are also available from QuestCDN and can be accessed from the Brosz Engineering website at www.broszengineering.com under the "Bid Information" page. The cost for downloaded (electronic) plans is $20. The official Plan Holders list can be viewed for the project on the QuestCDN website. Only electronic plan holders downloaded via QuestCDN will receive addendum notifications. Contractors using any other means for obtaining plans and specifications must periodically check the QuestCDN website for any addenda.

Each bid must contain a certified check, a Cashier's check or Draft, for five percent (5%) of the amount of the bid; such check to be certified or issued by either a State or National Bank and payable to Yankton School District or in lieu thereof a Bid Bond for Ten percent (10%) of the amount of this bid, such bond to be issued by a Surety authorized to do business in the State of South Dakota and payable to Yankton School District as a guarantee that such bidder will enter into a contract with Owner in accordance with the terms of such letting and bid in case such bidder is awarded the contract. The Certified Check or other guarantee or bid bond of the successful bidder will be returned forthwith upon the execution of the contract and surety hereafter provided for.

At the time the successful bidder enters into a contract for the construction of public improvement or the furnishing of any material or labor thereof, the Contractor will be required, before commencing such work, to furnish surety in an amount not less than the contract price, for the faithful performance of such contract, with additional obligation that such performance of such contractor will promptly pay all persons supplying him with labor or material in the prosecution of the work provided for in such contract. The Contractor shall also provide proof of liability insurance and workman's compensation insurance, as per Article 5 of the General Conditions.

Yankton School District 63-3 reserves the right to reject any or all bids, waive any irregularities or informalities in bidding or to accept the bid or bids which best serve the interest of Yankton School District 63-3.

Jason Bietz
Business Manager
Yankton School District 63-3
Yankton, South Dakota 57078

Published twice at the total approximate cost of $63.94 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**



ADVERTISEMENT FOR BIDS
YANKTON SCHOOL DISTRICT 63-3
YANKTON, SOUTH DAKOTA 57078

Yankton School District 63-3 will accept sealed bids for painting at Yankton Middle School until 1:30 p.m., Tuesday, April 4, 2023. Bids will be opened, read aloud by the

## 2010 Legal and Public Notices

Yankton, South Dakota 57078

Published twice at the total approximate cost of $32.54 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**

**IN THE STATE OF SOUTH DAKOTA, COUNTY OF YANKTON**
**IN CIRCUIT COURT, FIRST JUDICIAL CIRCUIT COURT**

Citizens Bank, N.A.,
**Plaintiff,**
v.
Seth Brooks and Credit Collection Services, Inc., and any person in possession,
**Defendants.**

**NOTICE OF REAL ESTATE SALE ON FORECLOSURE**
CIVIL NUMBER:
66CTV22-000159

A Non-Monetary Judgment of Foreclosure was entered in favor of Plaintiff and against Defendants, which judgment was filed with the Clerk of Courts of Yankton County, South Dakota, on January 9, 2023, in the amount of $150,005.27, for the foreclosure of a real estate mortgage.

Notice is hereby given pursuant to said judgment that the real property described in
the Real Estate Mortgage dated June 1, 2017 and recorded in the office of the Register of Deeds of Yankton County, South Dakota, on June 1, 2017, in Book 535, at Page 140, as Instrument Number 160262, which Seth Brooks, mortgagor, executed and delivered to Mortgage Electronic Registration Systems, Inc., as Mortgagee, as nominee for CorTrust Mortgage, Inc., its successors and assigns, mortgagee, for the property located at 708 Douglas Ave, Yankton, SD 57078, and legally described as:

Lot Six (6), except the South Twelve Feet (S 12') thereof, Block Seven (7), Lower Yankton, City and County of Yankton, South Dakota, as per plat recorded in Book G, Page 6

in order to realize the amount of the above-referenced judgment, plus interest accruing thereafter on said amount, together with the costs and expenses of sale, will be sold subject to redemption as provided by law as one parcel of land at public auction, subject to easements and restrictions of record, to the highest bidder for cash under the direction of the Yankton County Sheriff, at the main entrance of the Yankton County Courthouse located at 410 Waluut Street, Yankton, South Dakota 57078, on April 11, 2023 at 10:00 AM.

Dated this 22nd day of Febraury, 2023.

SHERIFF OF YANKTON COUNTY
By Preston Crissey
Name: Preston Crissey

Halliday, Watkins & Mann, P.C.

By */s/ Zachary Nesbit*
Zachary Nesbit
Attorneys for Plaintiff
376 East 400 South, Suite 300
Salt Lake City, UT 84111
Tel: 801-355-2886
Email: zach@hwmlawfirm.com

Published twice at the total approximate cost of $54.44 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 17 & 24, 2023.**



**NOTICE OF HEARING OF THE THE YANKTON COUNTY COMMISSION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Commission on the 4th day of April, 2023 beginning at 6:35 p.m. and the 17th day of April, 2023 beginning at 6:30 P.M. in the Commission Chambers, Yankton County, South Dakota, to consider adoption of Article 4 amendment and Re-Adopt Amended Zoning Map for Yankton County

## 2010 Legal and Public Notices

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Board of Adjustment, Yankton County, South Dakota, at 6:30 P.M. on the 4th day of April 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota.

Published twice at the total approximate cost of $18.14 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**

Zoning Administrator
321 W. 3rd St. #209
Yankton, SD 57078
605-260-4445

Press Release
March 8, 2023

Yankton County Commission is accepting applications for two positions on the Yankton County Planning Commission. The Planning Commission meets the second Tuesday of the month to review applications in accordance with the Yankton County Zoning Ordinance and provide recommendations/findings to the Yankton County Commission/ Board of Adjustment. There may be other special meetings as assigned. These will be three year terms April 2026.

Those who want to be considered for an appointment are asked to submit a written statement describing their background to email address: gary@co.yankton.sd.us or Yankton County Planning & Zoning, 321 West 3rd Street #209, Yankton, S.D. 57078. All applications will be submitted to the Yankton County Commissioners for review and selection on April 4, 2023.

**All applications must be received by 5:00 p.m., Monday, March 27, 2023.**

For more information, contact Yankton County Planning & Zoning Department at 605-260-4445.

Published three times at the total approximate cost of $41.60 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 10, 17 & 24, 2023.**

# Weather

From Page 1

one mile north of the Knox County Courthouse," he said. "We never received any reports of accidents. By now, I think everyone knows to slow down."

However, the conditions made for treacherous driving, Henery said.

"My 12:30 a.m. dispatcher said visibility was bad when she came to work but she made it by driving slowly," the sheriff said. "The highways are melting, but if the temperature drops below freezing, motorists should slow down and watch for icy patches."

In neighboring Cedar County, Nebraska, Sheriff Larry Koranda reported no major problems with this week's storm.

"The amount of snowfall varies around the county. Laurel had a couple inches. Hartington maybe had three or four," he said.

"Roads were not an issue as the state (Department of Roads) was out early and cleared the roads. It was just normal winter driving early on. There were no school late starts, and it was treated as an early spring snowstorm."

Cedar County Emergency Manager Kevin Garvin reported little activity outside of a car that slid in the ditch.

"I heard of the 8-inch snowfall in Fordyce," he said. "I know Harington seems to have gotten more snow than Coleridge and Laurel did, from my travels thus far (Thursday)."

### COMING TOGETHER

Gumbs described the storm as a convergence of major weather patterns at the same time.

"We had a weak thunderstorm south of (Sioux Falls). Thundersnow went through Yankton and north of Sioux City," he said. "Most of it has to do with the instability (in the atmosphere). It was warmer to the south of us and actually could have been the transition from rain to snow near Sioux City."

The tri-state storm may have been fed from the backside of a rain pattern in the Des Moines area, Gumbs added.

A strong front rolled along the South Dakota-Nebraska state line, he said.

"We had some reports of 7.5 inches just south of Yankton, but also 6 inches closer to Vermillion," he said. "There was a very narrow, intense band of snow in the southern part of our forecast area. As the snow band gets tighter, it produces quite a bit of snow. That's where you get the highest amounts."

As a sign of the narrow band, 6.2 inches was reported east of Bloomfield, Nebraska, and 4.8 inches southeast of the town.

Elsewhere in northeast Nebraska, 4.3 inches was recorded south of Verdel, 4 inches near Newcastle and Creighton and 2.3 inches northwest of Ponca.

The ingredients came together for the high snow totals in particular areas, Gumbs said.

"We had a pretty strong air loft, which created a particularly heavy and intense band of precipitation," he said. "Those are usually hard to forecast."

Besides the differences in atmospheric levels, a slight pattern shift can create dramatic changes in precipitation and its location, Gumbs said.

"With this storm, you had 3 inches in Yankton," he said. "But if you went just a few miles south, you had 8 inches of snowfall. That's a pretty steep gradient."

### LOOKING AHEAD

This week's snowfall could disappear rapidly, unlike storms earlier in winter.

"Usually, as we go into March and April, it's time for snow to melt fast," he said. "You're scheduled for a high of 51 degrees (Friday)."

Snow reflects 90% of light, which makes melting more difficult during winter, Gumbs said. But with the arrival of spring, the sunlight comes at a higher, more intense angle which combines with warmer weather to melt snow.

The NWS lists the Yankton area with 50.5 inches of snowfall from November to the present, but the Sioux Falls office doesn't add in the March totals until the end of the month. Still, the 50.5 inches has tied for seventh with the winters of 2016-17 and 2017-18.

The following are the top 10 snowfall totals for Yankton prior to the current winter, according to the NWS office in Sioux Falls.

1. 2015-16 — 70.5 inches;
2. 2010-11 — 58.0 inches;
3. 2000-01 — 54.8 inches;
4. 2003-04 — 54.0 inches;
5. 2009-10 — 53.8 inches;
6. 1993-94 — 53.5 inches;
7. 2016-17 — 50.5 inches;
8. 2017-18 — 50.5 inches;
9. 1983-84 — 49.1 inches;
10. 2018-19 — 48.0 inches.

The National Drought Monitor, released Thursday, showed some improvement for the Yankton region. The report was compiled Tuesday and doesn't include the latest snowfall.

In southeast South Dakota, Charles Mix, Douglas, Hutchinson, Bon Homme, northern Yankton, Turner, Lincoln and most of Union counties are listed as abnormally dry. Yankton, Clay and southern Union counties remain in moderate drought.

In northeast Nebraska, Knox, Cedar and Dixon counties are listed in severe drought, with areas to the south are listed as the worst categories of extreme and exceptional drought.

The recent precipitation won't lift the region out of its long-term moisture deficits, Gumbs said.

"The area is still in drought," he said.

The outlook doesn't call for a stable picture in the coming days, Gumbs said.

"When we look into next week, it looks fairly quiet," he said. "We're looking at 50s on Friday, then back down to 46 for the weekend as we have a cold front moving through the area."

The outlook calls for temperatures in the mid-40s for Monday and Tuesday, with the mercury climbing into the 50s for Wednesday and Thursday.

As for precipitation, next Wednesday night brings a 30% chance of rain, while Thursday's outlook calls for a 30% chance of rain and snow.

*For more NWS information, visit online at www.weather.gov/siouxfalls for the Sioux Falls office or www.weather.gov/oax for the Omaha office.*

*Follow @RDockendorf on Twitter.*

**YOUR NEWS! THE PRESS AND DAKOTAN**

# Noem

From Page 3

According to the press release, "Last year, the Department of Agriculture and Natural Resources worked with members of the hemp industry, as well as legislators, to compromise and allow for 1% THC levels for a production in process. Research shows that 1% THC levels are the trigger for causing psychotropic effects on humans."

She noted that only two states — Colorado and New York — currently allow a product in process to contain up to 5% THC. Both of those states have legalized recreational marijuana.

"South Dakota voters spoke clearly this past November: they do not want recreational marijuana," Noem said in her letter. "If I allowed this bill to become law, it would jeopardize the clearly expressed will of the people. Increasing the THC level to 5% would hinder our successful hemp program and undermine enforcement of our drug laws."

According to KELO, supporters of the bill have said HB 1209 would help processors in the state, "while opponents — among them, the manager of her administration's industrial hemp program — said it would re-classify hemp as marijuana."

A veto override will be considered when legislators gather in Pierre Monday to consider any vetoed issued by the governor.

# Leprechaun

From Page 1

Shipwreck Bar, to name a few.

"On St. Patrick's Day, leprechauns are pretty popular," Ebnater said. "I go in and I drink. I drink Jameson; I drink Guinness. I talk to the people, and I've got my pot that says, 'Special

Backman says, 'We're going to have a St. Patrick's Day celebration at the bar next month. I'm looking for somebody that wants to be leprechaun.' I said, 'I could do that,'" Ebnater said.

He purchased his leprechaun costume online and customized a pair of shoes with a couple of old belt buckles. A pot of gold to collect donations and a shillelagh, an Irish walking stick, completed the look.

## *CROSSWORD*
**By THOMAS JOSEPH**

**ACROSS**
1 Kitchen gadget
6 Harold of "Ghostbusters"
11 Be penitent
12 Before, in Brest
13 Crucifixes
14 Best Picture of 1955
15 Squid's squirt
16 Truck part
18 Gadot of "Wonder Woman"
19 Biol. or geol.
20 First número
21 Tea cooler
22 Didn't ignore
24 Crumb carriers
25 Casablanca setting
27 Domingo song
29 Short jacket
32 Second número
33 Ornate vase
34 Yale student
35 Place to
37 Guitarist Wood
38 Pol's concern
40 "Luther" star Elba
42 Hog rider
43 Caribou's cousin
44 Appears
45 Fairy tale monsters

**DOWN**
1 Parson's domain
2 Right away
3 Beginner's blunder
4 Purpose
5 Firefighter, at times
6 Stallone role
7 Director DuVernay
8 Poll calculation
9 Unbroken
10 Fashions
17 Neighbor of Spain
23 Film noir classic
24 Trick taker, often
26 Peseta division
27 Ignores the script
28 Dorm sharer
30 Precocious Plaza resident
31 Frees of suds
33 Manual readers
39 Opal or onyx
41 Pound occupant

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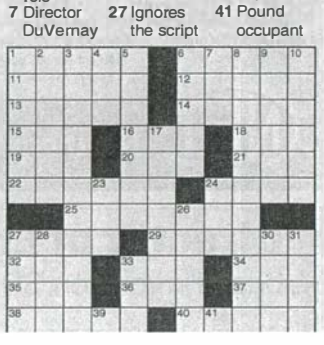
**Yesterday's answer**



Inc., 2309 W 50th Street, Sioux Falls, SD 57105. Digital Contract Documents are also available from QuestCDN and can be accessed from the Brosz Engineering website at www.broszengineering.com under the "Bid Information" page. The cost for downloaded (electronic) plans is $20. The official Plan Holders list can be viewed for the project on the QuestCDN website. Only electronic plan holders downloaded via QuestCDN will receive addendum notifications. Contractors using any other means for obtaining plans and specifications must periodically check the QuestCDN website for any addenda.

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Yankton School District 63-3 reserves the right to reject any or all bids, waive any irregularities or informalities in bidding or to accept the bid or bids which best serve the interest of Yankton School District 63-3.

Jason Bietz
Business Manager
Yankton School District 63-3
Yankton, South Dakota 57078

Published twice at the total approximate cost of $63.94 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**



ADVERTISEMENT FOR BIDS
YANKTON SCHOOL DISTRICT 63-3
YANKTON, SOUTH DAKOTA 57078

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Specifications and other documents may be obtained at the Yankton School District Administration Building. Inquiries may be directed to Robert Taylor, Supervisor of Buildings and Grounds at (605) 665-3980.
Bids must be accompanied by a cashier's check payable to Yankton School District in an amount equal to five percent (5%) of the total amount of the bid, or a bid bond for ten percent (10%) of the total amount of the bid. Bids shall be marked "Bid for Painting Middle School".
Yankton School District 63-3 reserves the right to reject any or all bids and to waive any irregularities or informalities therein.

Jason Bietz
Business Manager
Yankton School District 63-3

which judgment was filed with the Clerk of Courts of Yankton County, South Dakota, on January 9, 2023, in the amount of $150,005.27, for the foreclosure of a real estate mortgage.

Notice is hereby given pursuant to said judgment that the real property described in
the Real Estate Mortgage dated June 1, 2017 and recorded in the office of the Register of Deeds of Yankton County, South Dakota, on June 1, 2017, in Book 535, at Page 140, as Instrument Number 160262, which Seth Brooks, mortgagor, executed and delivered to Mortgage Electronic Registration Systems, Inc., as Mortgagee, as nominee for CorTrust Mortgage, Inc., its successors and assigns, mortgagee, for the property located at 708 Douglas Ave, Yankton, SD 57078, and legally described as:

Lot Six (6), except the South Twelve Feet (S 12') thereof, Block Seven (7), Lower Yankton, City and County of Yankton, South Dakota, as per plat recorded in Book G, Page 6

in order to realize the amount of the above-referenced judgment, plus interest accruing thereafter on said amount, together with the costs and expenses of sale, will be sold subject to redemption as provided by law as one parcel of land at public auction, subject to easements and restrictions of record, to the highest bidder for cash under the direction of the Yankton County Sheriff, at the main entrance of the Yankton County Courthouse located at 410 Walnut Street, Yankton, South Dakota 57078, on April 11, 2023 at 10:00 AM.

Dated this 22nd day of Febraury, 2023.

SHERIFF OF YANKTON COUNTY
By Preston Crissey
Name: Preston Crissey

Halliday, Watkins & Mann, P.C.

By */s/ Zachary Nesbit*
Zachary Nesbit
Attorneys for Plaintiff
376 East 400 South, Suite 300
Salt Lake City, UT 84111
Tel: 801-355-2886
Email: zach@hwmlawfirm.com

Published twice at the total approximate cost of $54.44 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 17 & 24, 2023.**



**NOTICE OF HEARING OF THE THE YANKTON COUNTY COMMISSION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Commission on the 4th day of April, 2023 beginning at 6:35 p.m. and the 17th day of April, 2023 beginning at 6:30 P.M. in the Commission Chambers, Yankton County, South Dakota, to consider adoption of Article 4 amendment and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments and re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Commission may adopt Yankton County Ordinance No.23-ZN-01.

Dated this 22nd day of March, 2023

ATTEST: Gary Vetter Development Services Director

Published twice at a total approximate cost of $34.56 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**

**Published March 24 & 31, 2023.**

Zoning Administrator
321 W. 3rd St. #209
Yankton, SD 57078
605-260-4445

Press Release
March 8, 2023

Yankton County Commission is accepting applications for two positions on the Yankton County Planning Commission. The Planning Commission meets the second Tuesday of the month to review applications in accordance with the Yankton County Zoning Ordinance and provide recommendations/findings to the Yankton County Commission/Board of Adjustment. There may be other special meetings as assigned. These will be three year terms April 2026.

Those who want to be considered for an appointment are asked to submit a written statement describing their background to email address: gary@co.yankton.sd.us or Yankton County Planning & Zoning, 321 West 3rd Street #209, Yankton, S.D. 57078. All applications will be submitted to the Yankton County Commissioners for review and selection on April 4, 2023.

**All applications must be received by 5:00 p.m., Monday, March 27, 2023.**

For more information, contact Yankton County Planning & Zoning Department at 605-260-4445.

Published three times at the total approximate cost of $41.60 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 10, 17 & 24, 2023.**

**YOUR NEWS! THE PRESS AND DAKOTAN**

# Noem

**From Page 3**

According to the press release, "Last year, the Department of Agriculture and Natural Resources worked with members of the hemp industry, as well as legislators, to compromise and allow for 1% THC levels for a production in process. Research shows that 1% THC levels are the trigger for causing psychotropic effects on humans."

She noted that only two states — Colorado and New York — currently allow a product in process to contain up to 5% THC. Both of those states have legalized recreational marijuana.

"South Dakota voters spoke clearly this past November: they do not want recreational marijuana," Noem said in her letter. "If I allowed this bill to become law, it would jeopardize the clearly expressed will of the people. Increasing the THC level to 5% would hinder our successful hemp program and undermine enforcement of our drug laws."

According to KELO, supporters of the bill have said HB 1209 would help processors in the state, "while opponents — among them, the manager of her administration's industrial hemp program — said it would re-classify hemp as marijuana."

A veto override will be considered when legislators gather in Pierre Monday to consider any vetoed issued by the governor.

# Leprechaun

**From Page 1**

Shipwreck Bar, to name a few.

"On St. Patrick's Day, leprechauns are pretty popular," Ebnater said. "I go in and I drink. I drink Jameson; I drink Guinness. I talk to the people, and I've got my pot that says, 'Special Olympics' on it, and I tell them I'm raising money for Special Olympics."

Revelers are always eager to get a photo with the leprechaun or buy him a drink, he said, noting that he can only drink so much and has even hired a driver for these special days.

"I tell them, 'Instead of you buying me a $3 or $4 drink, why don't you just give me $3 or $4 in my bucket for a donation?'" Ebnater said. "Or 'You want a picture? A picture ought to be worth the price of a drink.'"

Hugs are worth $3 at least, he added.

"If there's a band, I dance. All the girls want to dance with a leprechaun and they make a donation," Ebnater said. "That's how I do it."

The opportunity to become a leprechaun each St. Patrick's Day came in the year after the death of Ebnater's wife, who passed away one Valentine's Day.

"In 2007, I'm sitting in the Cottonwood drinking on Valentine's Day and (co-owner) Penny Backman says, 'We're going to have a St. Patrick's Day celebration at the bar next month. I'm looking for somebody that wants to be leprechaun.' I said, 'I could do that,'" Ebnater said.

He purchased his leprechaun costume online and customized a pair of shoes with a couple of old belt buckles. A pot of gold to collect donations and a shillelagh, an Irish walking stick, completed the look.

"A group from the VFW Ladies Auxiliary went out every St. Patrick's Day to the different places and they found out about me and asked if I'd go with them," he said. "They were running a raffle and they would give a couple of thousand dollars a year to Special Olympics."

When the group stopped having the event, Ebnater continued on his own each St. Patrick's Day, giving his collection directly to YSO, he said, noting that he has probably collected more than $10,000 in that time.

Now, coming off his biggest year of collections, Ebnater is grateful to everyone who supported his holiday efforts to raise funds for Special Olympics.

"I would like to say thank you to all the patrons of the establishments in Yankton that I was in on St. Patrick's Day or St. Patrick's Day weekend for their generosity to give to Yankton Special Olympics," he said. "And next year, I'm going to try raising more than $4,000."

varies around the county. Laurel had a couple inches. Hartington maybe had three or four," he said.

"Roads were not an issue as the state (Department of Roads) was out early and cleared the roads. It was just normal winter driving early on. There were no school late starts, and it was treated as an early spring snowstorm."

Cedar County Emergency Manager Kevin Garvin reported little activity outside of a car that slid in the ditch.

"I heard of the 8-inch snowfall in Fordyce," he said. "I know Harington seems to have gotten more snow than Coleridge and Laurel did, from my travels thus far (Thursday)."

**COMING TOGETHER**

Gumbs described the storm as a convergence of major weather patterns at the same time.

"We had a weak thunderstorm south of (Sioux Falls). Thundersnow went through Yankton and north of Sioux City," he said. "Most of it has to do with the instability (in the atmosphere). It was warmer to the south of us and actually could have been the transition from rain to snow near Sioux City."

The tri-state storm may have been fed from the backside of a rain pattern in the Des Moines area, Gumbs added.

A strong front rolled along the South Dakota-Nebraska

Besides the differences in atmospheric levels, a slight pattern shift can create dramatic changes in precipitation and its location, Gumbs said.

"With this storm, you had 3 inches in Yankton," he said. "But if you went just a few miles south, you had 8 inches of snowfall. That's a pretty steep gradient."

**LOOKING AHEAD**

This week's snowfall could disappear rapidly, unlike storms earlier in winter.

"Usually, as we go into March and April, it's time for snow to melt fast," he said. "You're scheduled for a high of 51 degrees (Friday)."

Snow reflects 90% of light, which makes melting more difficult during winter, Gumbs said. But with the arrival of spring, the sunlight comes at a higher, more intense angle which combines with warmer weather to melt snow.

The NWS lists the Yankton area with 50.5 inches of snowfall from November to the present, but the Sioux Falls office doesn't add in the March totals until the end of the month. Still, the 50.5 inches has tied for seventh with the winters of 2016-17 and 2017-18.

The following are the top 10 snowfall totals for Yankton prior to the current winter,

listed as the worst categories of extreme and exceptional drought.

The recent precipitation won't lift the region out of its long-term moisture deficits, Gumbs said.

"The area is still in drought," he said.

The outlook doesn't call for a stable picture in the coming days, Gumbs said.

"When we look into next week, it looks fairly quiet," he said. "We're looking at 50s on Friday, then back down to 46 for the weekend as we have a cold front moving through the area."

The outlook calls for temperatures in the mid-40s for Monday and Tuesday, with the mercury climbing into the 50s for Wednesday and Thursday.

As for precipitation, next Wednesday night brings a 30% chance of rain, while Thursday's outlook calls for a 30% chance of rain and snow.

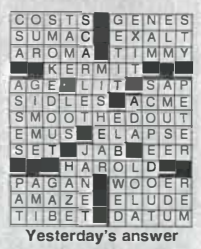
*For more NWS information, visit online at www.weather.gov/siouxfalls for the Sioux Falls office or www.weather.gov/oax for the Omaha office.*

*Follow @RDockendorf on Twitter.*

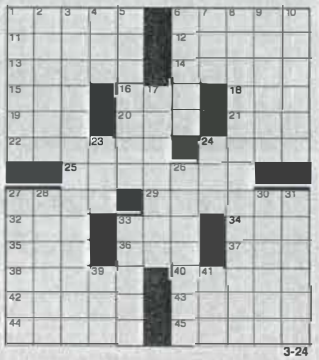
## *CROSSWORD*
**By THOMAS JOSEPH**

**ACROSS**
1 Kitchen gadget
6 Harold of "Ghostbusters"
11 Be penitent
12 Before, in Brest
13 Crucifixes
14 Best Picture of 1955
15 Squid's squirt
16 Truck part
18 Gadot of "Wonder Woman"
19 Biol. or geol.
20 First número
21 Tea cooler
22 Didn't ignore
24 Crumb carriers
25 Casablanca setting
27 Domingo song
29 Short jacket
32 Second número
33 Ornate vase
34 Yale student
35 Place to park
36 Plunked down
37 Guitarist Wood
38 Pol's concern
40 "Luther" star Elba
42 Hog rider
43 Caribou's cousin
44 Appears
45 Fairy tale monsters

**DOWN**
1 Parson's domain
2 Right away
3 Beginner's blunder
4 Purpose
5 Firefighter, at times
6 Stallone role
7 Director DuVernay
8 Poll calculation
9 Unbroken
10 Fashions
17 Neighbor of Spain
23 Film noir classic
24 Trick taker, often
26 Peseta division
27 Ignores the script
28 Dorm sharer
30 Precocious Plaza resident
31 Frees of suds
33 Manual readers
39 Opal or onyx
41 Pound occupant



Yesterday's answer



3-24

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**3-24 CRYPTOQUOTE**

SGY SKYYV XCHH SYHH SGYCK VYQKYSV SP SGPVY SGNS SWTY CT. — VSYDYT LNBYY

**Yesterday's Cryptoquote:** DON'T WAIT FOR SOMEONE TO BRING YOU FLOWERS. PLANT YOUR OWN GARDEN AND DECORATE YOUR OWN SOUL. — LUTHER BURBANK

# ARTICLE 4

# OFFICIAL ZONING MAP AND BOUNDARY INTERPRETATION

Section 401 General

The County is hereby divided into zones, or districts, as shown on the Official Zoning Map, which, together with all explanatory matter thereon, is hereby adopted by reference and declared to be a part of this Ordinance. The Official Zoning Map shall be identified by the signature of the Chairman of the County Commissioners, attested by the Auditor, and bearing the seal of the County, under the following words: "This is to certify that this is the Official Zoning Map referred to in Section 401 of Ordinance ~~No. 16~~ 2020 of "Yankton County, South Dakota," together with the date of the adoption of this Ordinance.

Section 403 Zoning Map Changes

If, in accordance with the provisions of this Ordinance, changes are made in the district boundaries or other matter portrayed on the Official Zoning Map, such changes shall be entered on the Official Zoning Map promptly after the amendment has been approved by the County Commissioners, with an entry on the Official Zoning Map as follows: "on [date], by official action of the Yankton County Commission, the following [change] changes were made in the Official Zoning Map: [brief description of nature of change]," which entry shall be signed by the Chairman of the Commission and attested by the Auditor. No amendment to this Ordinance which involves matters portrayed on the Official Zoning Map shall become effective until after such change and entry has been made on said map.

No changes of any nature shall be made in the Official Zoning Map or matters shown thereon except in conformity with the procedures set forth in this Ordinance.

Any unauthorized change of whatever kind by any person or persons shall be considered a violation of this Ordinance and punishable as provided under Section 2303.

Regardless of the existence of purported copies of the Official Zoning Map which may, from time to time, be made or published, the Official Zoning Map which shall be located in the office of the Zoning Administrator shall be the final authority as to the current zoning status of land and water areas, buildings, and other structures in the County.

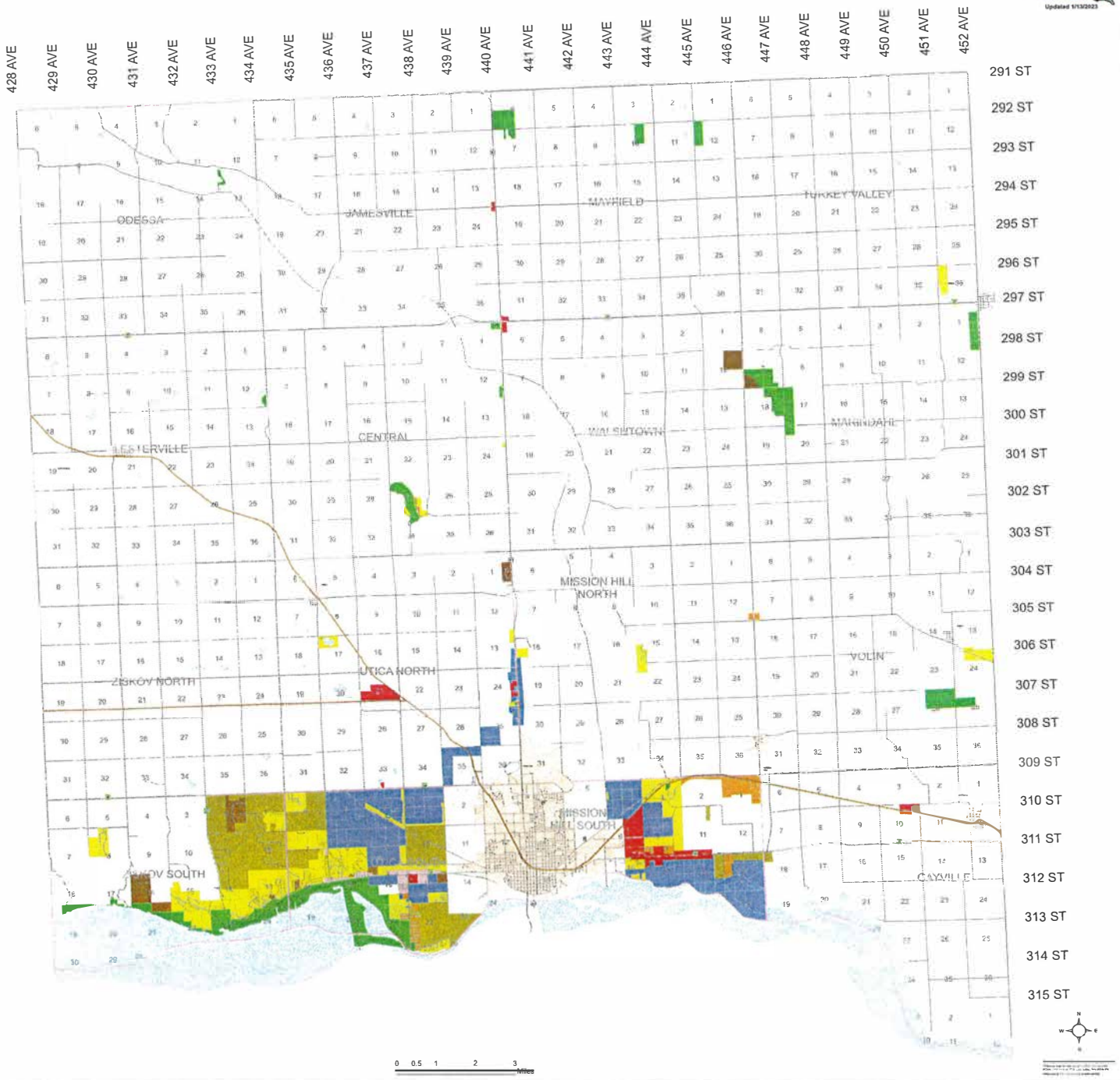
Section 405 Zoning Map Replacement

In the event that the Official Zoning Map becomes damaged, destroyed, lost or difficult to interpret because of the nature or number of changes and additions, the Yankton County Commission may, by resolution, adopt a new Official Zoning Map,

boundaries.

# YANKTON COUNTY

## Official Zoning Map




**Legend**

- RAILROAD
- STREAM
- US & STATE HIGHWAY
- ROAD
- CITY LIMIT
- TOWNSHIP
- PARCEL
- LAKE

**ZONING CLASSIFICATIONS**

- AGRICULTURE
- COMMERCIAL
- ETJ
- LAKE SIDE COMMERCIAL
- HIGH DENSITY RESIDENTIAL
- LOW DENSITY RESIDENTIAL
- MODERATE DENSITY RESIDENTIAL
- PUBLIC
- PLANNED UNIT DEVELOPMENT
- RURAL TRANSITIONAL

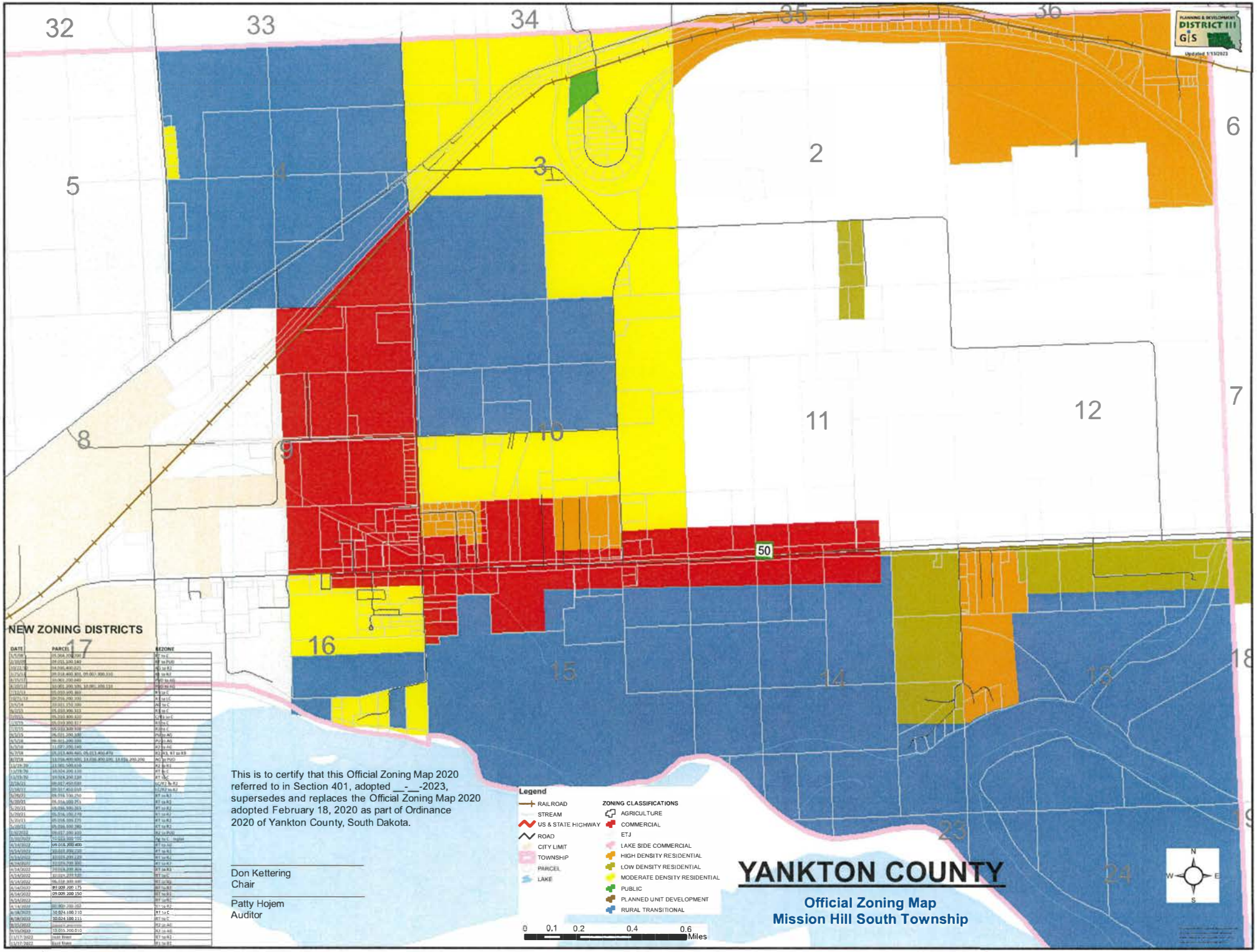
This is to certify that this Official Zoning Map 2020 referred to in Section 401, adopted __-__-2023, supersedes and replaces the Official Zoning Map 2020 adopted February 18, 2020 as part of Ordinance 2020 of Yankton County, South Dakota.

_____
Don Kettering
Chair

_____
Patty Hojem
Auditor

### NEW ZONING DISTRICTS

| DATE | PARCEL | REZONE |
|---|---|---|
| 3/5/08 | 05.004.200.200 | RT to C |
| 2/10/09 | 09.015.100.140 | RT to PUD |
| 10/22/10 | 04.036.400.025 | AG to R2 |
| 3/25/11 | 09.018.400.303, 09.007300.310 | R1 to R2 |
| 8/15/12 | 10.001.200.040 | PUD to AG |
| 8/20/12 | 10.001.200.100, 10.001.200.110 | PUD to AG |
| 7/12/13 | 05.010.300.360 | R3 to C |
| 10/25/13 | 09.016.200.100 | RT to LC |
| 3/4/14 | 10.021.150.100 | AG to C |
| 6/2/15 | 05.010.300.313 | R3 to C |
| 7/7/15 | 05.010.300.320 | C/R3 to C |
| 7/7/15 | 05.010.300.317 | R3 to C |
| 7/7/15 | 05.010.300.316 | R3 to C |
| 9/1/15 | 06.021.200.100 | PU to AG |
| 4/5/16 | 06.021.200.100 | PU to AG |
| 5/3/16 | 11.027.200.140 | R2 to AG |
| 6/7/16 | 05.013.400.460, 05.013.400.470 | R2, R3, RT to R3 |
| 8/7/18 | 13.016.400.600, 13.016.300.100, 13.016.200.200 | AG to PUD |
| 11/19/20 | 13.001.500.650 | R2 to R1 |
| 11/19/20 | 10.024.200.130 | RT to C |
| 11/19/20 | 10.024.200.120 | RT to C |
| 2/18/21 | 09.017.450.030 | LC/ R2 to R2 |
| 2/18/21 | 09.017.450.010 | LC/ R2 to R2 |
| 5/20/21 | 05.016.100.250 | RT to R2 |
| 5/20/21 | 05.016.100.255 | RT to R2 |
| 5/20/21 | 05.016.100.265 | RT to R2 |
| 5/20/21 | 05.016.100.270 | R1 to R2 |
| 5/20/21 | 05.016.100.275 | RT to R2 |
| 5/20/21 | 05.016.100.280 | RT to R2 |
| 1/6/2022 | 09.017.100.310 | R2 to PUD |
| 3/10/2022 | 10.033.300.100 | Ag to C - replat |
| 4/14/2022 | 09.016.200.400 | RT to AG |
| 4/14/2022 | 10.024.200.210 | RT to R2 |
| 4/14/2022 | 10.024.200.220 | RT to R2 |
| 4/14/2022 | 10.024.200.300 | RT to R2 |
| 4/14/2022 | 10.024.200.304 | RT to R2 |
| 4/14/2022 | 10.024.200.120 | RT to C |
| 4/14/2022 | 06.018.300.300 | RT to R2 |
| 4/14/2022 | 09.009.200.175 | RT to R2 |
| 4/14/2022 | 09.009.200.150 | RT to R2 |
| 4/14/2022 | 09.016.150.100 | RT to R2 |
| 4/14/2022 | 09.009.200.202 | RT to R2 |
| 8/18/2022 | 10.024.100.210 | RT to C |
| 8/18/2022 | 10.024.100.215 | RT to C |
| 9/15/2022 | 13.014.300.600 | R3 to AG |
| 9/15/2022 | 13.015.200.010 | R1 to AG |
| 11/17/2022 | east River | RT to R2 |
| 11/17/2022 | East River | R1 to R2 |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DISTRICT III
GIS
Updated 1/13/2023
NEW ZONING DISTRICTS
DATE
PARCEL
REZONE
This is to certify that this Official Zoning Map 2020 referred to in Section 401, adopted __-__-2023, supersedes and replaces the Official Zoning Map 2020 adopted February 18, 2020 as part of Ordinance 2020 of Yankton County, South Dakota.
Don Kettering
Chair
Patty Hojem
Auditor
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STREAM
US & STATE HIGHWAY
ROAD
CITY LIMIT
TOWNSHIP
PARCEL
LAKE
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COMMERCIAL
ETJ
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HIGH DENSITY RESIDENTIAL
LOW DENSITY RESIDENTIAL
MODERATE DENSITY RESIDENTIAL
PUBLIC
PLANNED UNIT DEVELOPMENT
RURAL TRANSITIONAL
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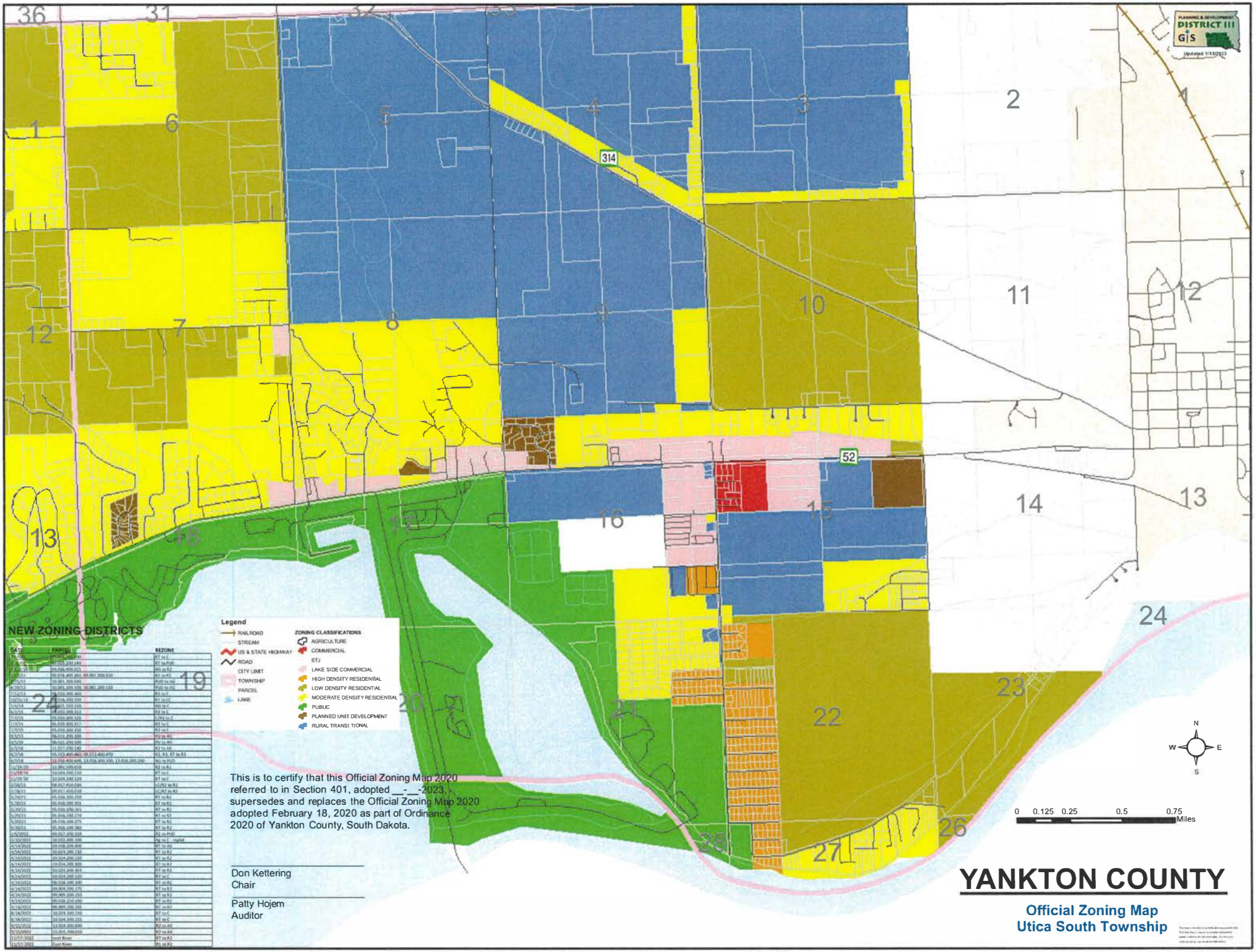
YANKTON COUNTY
Official Zoning Map
Mission Hill South Township


PLANNING & DEVELOPMENT DISTRICT III GIS
Updated 1/13/2023
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NEW ZONING DISTRICTS
Legend
RAILROAD
STREAM
US & STATE HIGHWAY
ROAD
CITY LIMIT
TOWNSHIP
PARCEL
LAKE
ZONING CLASSIFICATIONS
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Don Kettering
Chair
Patty Hojem
Auditor
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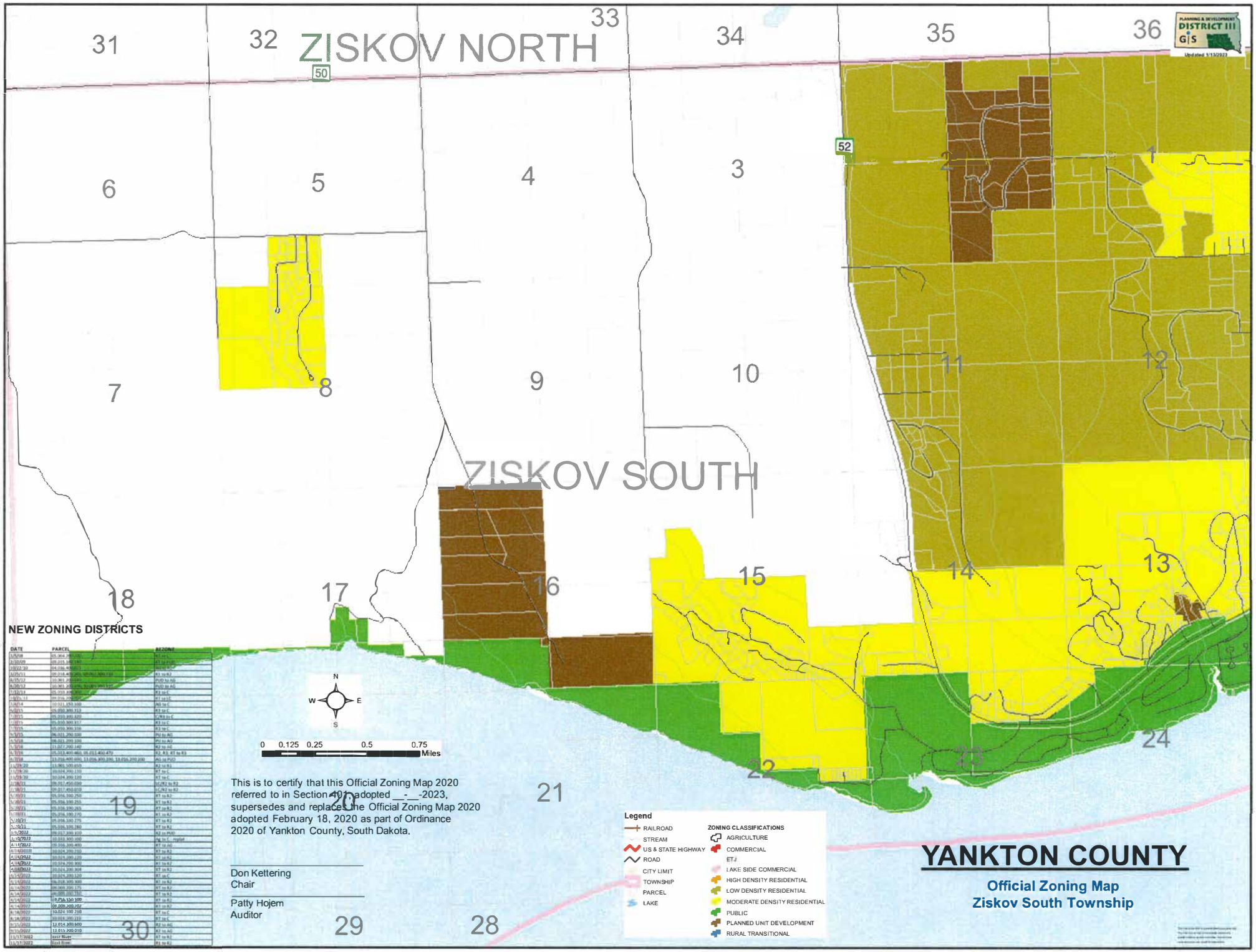
YANKTON COUNTY
Official Zoning Map
Utica South Township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PUBLIC
PLANNED UNIT DEVELOPMENT
RURAL TRANSITIONAL
YANKTON COUNTY
Official Zoning Map
Ziskov South Township

MEETING (ENTITY): PLANNING COMMISSION REGULAR OR SPECIAL MEETING: Regular
DATE: 3/14/2023 TIME: 7PM LOCATION: COMMISSION CHAMBERS

STAFF ATTENDANCE: Conkling/Vetter
ROLL CALL: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒NELSON ☒WEISS ☒HOFFMAN
APPROVAL OF MINUTES: MOTION BY: Evans SECOND BY: Hoffman
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

APPROVAL OF AGENDA: MOTION BY: Hoffman SECOND BY: Evans
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **East River Electric – Conditional Use Permit**

ADDRESS/LEGAL: Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

COMMENTS: Jarae Wire – East River Electric
Tim Kellen – neighbor – concerns about microwave signals

MOTION: Approve with the condition that applicant provide information regarding the possible hazards of microwaves at the County Commission meeting
**Passed 6-0**

APPROVAL: MOTION BY: Barkl SECOND BY: Evans
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **Frick - Variance**

ADDRESS/LEGAL: Applicant is requesting a variance to minimum lot size in an Agriculture District. Applicant wishes to Replot one previously platted lot into two lots each smaller than 20 acres per Article 18 Section 1807. Said property is legally described as Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4 of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 Address is 30499 SW Jim River Rd, Yankton, South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaefli's 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183

COMMENTS: Chris Frick – Applicant
Kim Mueller - Applicant

MOTION: Approve as presented
**Passed 6-0**

APPROVAL: MOTION BY: Michael SECOND BY: Evans
PLANNING: ☒ BARKL ☒ EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM: **Discussion on ideas to promote economic development in the county**
ADDRESS/LEGAL:
COMMENTS: Commissioners shared their suggestions and ideas

MOTION: No action taken

APPROVAL: MOTION BY: _____ SECOND BY: _____
PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

AGENDA ITEM: **Public Comment**
ADDRESS/LEGAL:
COMMENTS: none

MOTION: Adjourn

APPROVAL: MOTION BY: Michael SECOND BY: Hoffman
PLANNING: ☒ BARKL ☒EVANS ☐KETTERING ☒MICHAEL ☒ NELSON ☒WEISS ☒HOFFMAN

AGENDA ITEM:
ADDRESS/LEGAL:
COMMENTS:

MOTION:

APPROVAL: MOTION BY: _____ SECOND BY: _____
PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

COMMENTS:

MOTION:

APPROVAL: MOTION BY: _____ SECOND BY: _____

PLANNING: ☐ BARKL ☐ EVANS ☐KETTERING ☐MICHAEL ☐ NELSON ☐WEISS ☐HOFFMAN

## 2010 Legal and Public Notices

NOTICE OF APPLICATION
NO. 8717-3 to Appropriate Water

Notice is given that Coulson Land Co, c/o Tom Coulson, 1205 W 11th St, Yankton SD 57078 has filed an application for a water permit to appropriate an additional 0.67 cubic feet of water per second (cfs) from the Missouri River located in the W 1/2 SE 1/4 Section 14 for irrigation of an additional 38.57 acres located in the S 1/2 NW 1/4, N 1/2 SW 1/4 Section 14; all in T93N-R55W. The application will utilize an existing Missouri River diversion point authorized by Water Permit No. 6889-3. This application, if approved, and No. 6889-3, combined, will authorize a total of 2.00 cfs for irrigation of 95.57 acres. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres. This site is located approximately 2 miles east of Yankton.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8717-3 with qualifications because 1) unappropriated water is available, 2) existing domestic water uses and water rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Chief Engineers recommendation with qualifications, the application, and staff report are available at https://danr.sd.gov/public or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at https://danr.sd.gov/public or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 13, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at https://danr.sd.gov/public or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 13, 2023.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published once at the total approximate cost of $42.24 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3, 2023.**

## 2010 Legal and Public Notices

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Planning Commission may recommend adoption Yankton County Ordinance No.23-ZN-01.

Dated this 1st day of March, 2023

ATTEST: Gary Vetter – Development Services Director

Published twice at the total approximate cost of $35.42 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

NOTICE OF HEARING UPON APPLICATION
FOR SALE OF ALCOHOLIC BEVERAGES

NOTICE IS HEREBY GIVEN that an application has been received by the Board of City Commissioners of the City of Yankton, South Dakota, for a Special Events RETAIL (on-sale) Liquor License for 3 days, April 14-16, 2023 from SDJCI Senate, (Cindy Crooks, President) dba SDJCI Senate, NFAA, 800 Archery Lane, Yankton, South Dakota.

NOTICE IS FURTHER GIVEN that a Public Hearing upon the application will be held on Monday, March 13th, 2023 at 7:00 p.m. in the City of Yankton Community Meeting Room at the Technical Education Center, 1200 West 21st Street, Yankton, South Dakota, where any person or persons interested in the approval or rejection of the above application may appear and be heard.

Dated at Yankton, South Dakota this 27th day of February, 2023.

Al Viereck
FINANCE OFFICER

Published once at the total approximate cost of $15.04 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3, 2023.**

NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:05 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:10 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a variance to minimum lot size in an Agriculture District. Applicant wishes to replot one platted non-conforming lot into two lots each smaller than 20 acres per Article 18 Section 1807. Said property is legally described as
Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4 of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 address is 30499 SW Jim River Rd, Yankton, South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaeflis 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183

Published twice at the total approxi-

## 2010 Legal and Public Notices

from Patrick Allan Ernster to Pat Allen Ernster. On the 21st day of March, 2023, at the hour of 10:00 am said verified petition will be heard by this Court before the Honorable Judge David Knoff Presiding, at the Court Room in the Yankton County Courthouse, City of Yankton, Yankton County, South Dakota, or as soon thereafter as is convenient for the court. Anyone may come and appear at that time and place and show reasons, if any why said name should not be changed as requested.
Dated this 3rd day of February, 2023 at Yankton, South Dakota

/s/
Jessica Hall
Clerk of Court, Deputy

ATTEST:
/s/
Jody Johnson
Clerk of Court

Published four times at the total approximate cost of $68.00 and can be viewed free of charge at www.sd-publicnotices.com

**Published February 10, 17, 24 & March 3, 2023.**

# Girls' SoDak 16: Cougars Race Past Raiders To Reach State Class B Tournament

SALEM — Viborg-Hurley's Coral Mason registered a 16 point, 16 rebound double-double as the No. 3 Cougars defeated the No. 14 Lyman Raiders in Class A SoDak 16 action Thursday.

Denae Mach added 15 points and six rebounds for V-H, while Estelle Lee and Shelby Lyons registered 13 points apiece. Charley Nelson dished out five assists for the Cougars.

Mak Scott led the Raiders with 12 points, with Jordyn Scott adding 10 points.

Viborg-Hurley, 20-3, advanced to the Class B Girls State Tournament, to be held Mar. 9-11 in Huron. Lyman finished its season 14-8.

| | | | | |
|---|---|---|---|---|
| LYMAN (14-8) | 8 | 12 | 7 | 7—34 |
| VIBORG-HURLEY (20-3) | 16 | 7 | 19 | 21—63 |

## Class A: Sisseton 59, Parkston 46

VOLGA — The Sisseton Redmen got 22 points from Krista Langager as they defeated the Parkston Trojans in Class A SoDak 16 action Thursday.

Hannah Leverson added 19 points for Sisseton.

Faith Oakley led Parkston with 15 points, while Mya Thuringer registered 11 points. Abby Hohn added 10 points.

Sisseton, 20-2, advanced to the Class A State Tournament, to be held Mar. 9-11 in Watertown. Parkston finished its season 16-7.

| | | | | |
|---|---|---|---|---|
| PARKSTON (16-7) | 9 | 11 | 10 | 16—46 |
| SISSETON (20-2) | 14 | 9 | 19 | 17—59 |

# MBB: USD's Perrott-Hunt And Kamateros Appear On All-Summit

SIOUX FALLS — South Dakota guard Kruz Perrott-Hunt and forward Tasos Kamateros were named to the all-Summit League honorable mention team as announced by the league Thursday afternoon. The awards were voted on by the league's coaches, media, and sports information directors.

It's the second-straight year that both Perrott-Hunt and Kamateros appear on the all-Summit awards list. Perrott-Hunt was a second team selection while Kamateros received honorable mention last season.

The Coyotes are the No. 6 seed in the upcoming Summit League Tournament in Sioux Falls. South Dakota begins the tournament against No. 3 North Dakota State Sunday night at 8:30 p.m. inside the Sanford PREMIER Center.

**First Team All-Summit League**
Max Abmas, Oral Roberts (Sr., G)
Trenton Massner, Western Illinois (Sr., G)
Zeke Mayo, South Dakota State (So., G)
Grant Nelson, North Dakota State (Jr., F)
Andrew Rohde, St. Thomas (Fr., G)
Connor Vanover, Oral Roberts (Sr., F)

## SCOREBOARD

### BASKETBALL

**SUMMIT LEAGUE MEN'S TOURN.**
**March 3-7 at Sioux Falls**
**First Round, March 3**
No. 8 Denver (15-16, 8-12) vs. No. 9 North Dakota (12-19, 6-12), 6 p.m.
No. 7 Kansas City (11-20, 7-11) vs No. 10 Omaha (8-22, 4-14), 8:30 p.m.
**Quarterfinals**
**Saturday, March 4**
No. 1 Oral Roberts (27-4, 18-0) vs. Denver/UNDwinner, 6 p.m.
No. 2 South Dakota State (18-12, 13-5) vs. KC/Omaha winner, 8:30 p.m.
**Sunday, March 5**
No. 4 Western Illinois (16-13, 9-9) vs. No. 5 St. Thomas (18-13, 9-9), 6 p.m.
No. 3 North Dakota State (14-16, 11-7) vs. No. 6 South Dakota (12-18, 7-11), 8:30 p.m.
**Semifinals, March 6**
ORU/Denver/UND winner vs. WIU/ST winner, 6 p.m.
SDSU/KC/Omaha winner vs. NDSU/USD winner, 8:30 p.m.
**Championship, March 7**
Semifinal winners, 8 p.m.

**SUMMIT LEAGUE WOMEN**
**March 3-7 at Sioux Falls**
**First Round, March 3**
No. 8 St. Thomas (12-16, 7-11) vs. No. 9 Western Illinois (10-19, 5-13), 12:30 p.m.
No. 7 Denver (12-17, 8-10) vs. No. 10 Kansas City (7-22, 3-15), 3 p.m.
**Quarterfinals**
**Saturday, March 4**
No. 1 South Dakota State (25-5, 18-0) vs. ST/WIlwinner, 12:30 p.m.
No. 2 North Dakota State (18-10, 12-6) vs. Denver/KCwinner, 3 p.m.
**Sunday, March 5**
No. 4 South Dakota (14-15, 10-8) vs. No. 5 Oral Roberts (11-18, 8-10), 12:30 p.m.
No. 3 North Dakota (18-10, 11-7) vs. No. 6 Omaha (13-16, 8-10), 3 p.m.
**Semifinals, March 6**
SDSU/ST/WIU winner vs. USD/ORU winner, 12:30 p.m.
NDSU/Denver/KC winner vs. UND/Omaha winner, 3 p.m.
**Championship, March 7**
Semifinal winners, 1 p.m.

**NEB. STATE GIRLS' TOURN.**
**March 1-4 at Lincoln**
NOTE: All finals at Pinnacle Bank Arena. All third place games at Lincoln Northwest
**CLASS C2**
**First Round, March 2 at Devaney**
Crofton 49, Cross Country 27
Oakland-Craig 36, Ponca 22
Pender 56, Clarkson-Leigh 37
Guardian Angels CC 67, Southern Valley 46
**Semifinals, March 3 at Devaney**
No. 1 Crofton (24-2) vs. No. 4 Oakland-Craig (23-4), 1:30 p.m.
No. 2 Pender (25-3) vs. No. 3 Guardian Angels CC (21-4)
**Final Round, March 4**
CHAMPIONSHIP: Semifinal winners, 4:15 p.m.
THIRD: Semifinal losers, 9 a.m.
**CLASS D1**
**First Round, March 1**
**At Pinnacle Bank Arena**
Ravenna 51, Sumner-Eddyville-Miller 37
Hastings St. Cecilia 49, Elmwood-Murdock 37
**At Devaney**
Centura 45, Elgin Public-Pope John 27
Cedar Catholic 69, Johnson-Brock 36
**Semifinals, March 3 at Devaney**
No. 1 Ravenna (25-2) vs. No. 4 Hastings St. Cecilia (18-7), 9 a.m.
No. 2 Centura (24-3) vs. No. 3 Cedar Catholic (21-6), 10:45 a.m.
**CLASS D2**
**First Round, March 2**
**At Pinnacle Bank Arena**
Falls City Sacred Heart 64, Leyton 30
Humphrey St. Francis 61, McCool Junction 54
**At Devaney**
Shelton 52, Wilcox-Hildreth 22
Wynot 53, O'Neill St. Mary's 44
**Semifinals, March 3 at Devaney**
No. 1 Falls City Sacred Heart (24-3) vs No. 5 Humphrey St. Francis (20-6), 6 p.m.
No. 2 Shelton (23-1) vs. No. 6 Wynot (17-9), 7:45 p.m.
**Final Round, March 4**
CHAMPIONSHIP: Semifinal winners, 8:15 p.m.
THIRD: Semifinal losers, 3 p.m.

**NEB. BOYS' DISTRICT FINALS**
**Monday, Feb. 27**
C2-1: Freeman 62, Oakland-Craig 22
C2-2: Amherst 65, Hershey 34
C2-3: Doniphan-Trumbull 39, Hastings St. Cecilia 38
C2-5: Elkhorn Valley 71, Summerland 53
C2-7: Norfolk Catholic 44, Cross County 30
D2-1: Shelton 90, Medicine Valley 46
D2-3: Wynot 79, Hay Springs 27
D2-4: Osceola 64, Friend 45
D2-5: Sumner-Eddyville-Miller 46, Creighton 43
**Tuesday, Feb. 28**
C2-4: Hartington Cedar Catholic 52, Yutan 40
C2-6: Tri County 60, Wakefield 47
C2-8: Gordon-Rushville 40, Elmwood-Murdock 26
D2-2: Parkview Christian 76, Fullerton 53
D2-6: Paxton 56, Stuart 47
D2-7: Falls City Sacred Heart 66, Potter-Dix 44
D2-8: Santee 61, Mullen 55, OT

**S.D. SDOAK 16**
**CLASS AA BOYS**
**All Games on March 4**
No. 16 Rapid City Stevens (5-15) at No. 1 Sioux Falls Jefferson (18-2), 4 p.m.
No. 9 Harrisburg (13-7) at No. 8 Brandon Valley, 3 p.m.
No. 15 Rapid City Central (6-14) at No. 2 Sioux Falls Lincoln (17-3), 3 p.m.
No. 10 Sturgis (10-9) at No. 7 Sioux Falls Roosevelt (12-8), 3 p.m.
No. 13 Aberdeen Central (6-12) at No. 4 Yankton (15-5), 2 p.m.
No. 12 Huron (7-13) at No. 5 Sioux Falls Washington (14-6), 2 p.m.
No. 14 Watertown (7-13) vs. No. 3 Mitchell (16-4), 6 p.m.
No. 11 O'Gorman (7-13) at No. 6 Pierre (13-7), 3 p.m.

**CLASS A GIRLS**
**All Games On March 2**
Hamlin 60, Milbank 24
Wagner 72, Tea Area 52
Sioux Falls Christian 61, Lennox 29
Red Cloud 63, Garretson 58
Flandreau 47, St. Thomas More 38
Lakota Tech 68, Dupree 34
Sisseton 59, Parkston 46
Rapid City Christian 60, Miller 47
**CLASS B GIRLS**
**All Games On March 2**
Wolsey-Wessington 58, Leola-Frederick Area 23
Ethan 34, Corsica-Stickney 31
Viborg-Hurley 63, Lyman 34
Sully Buttes 44, Harding County 26
Wall 74, Warner 64
Howard 61, Wessington Springs 40
Castlewood 74, Timber Lake 46
Jones County 54, Centerville 37

**S.D. BOYS' REGIONS**
NOTE: "Qualifier Round" winners advance to SoDak 16 on March 7.
**REGION 4A**
**First Round, Feb. 28**
Dakota Valley 85, Parker 31
Tea Area 72, Beresford 47
Vermillion 51, Lennox 47
Elk Point-Jefferson 79, Canton 70
**Qualifier Round, March 3**
No. 4 Tea Area (14-6) at No. 1 Dakota Valley (21-0)
No. 7 Vermillion (10-11) at No. 3 Elk Point-Jefferson (15-5)

**REGION 5A**
**First Round, Feb. 27**
Bon Homme 71, Sanborn Central-Woonsocket 59
**Second Round, Feb. 28**
Mount Vernon-Plankinton 75, Bon Homme 47
Parkston 49, Kimball-White Lake 40
Platte-Geddes 64, Chamberlain 40
Hanson 56, Wagner 42
**Qualifier Round, March 3**
No. 4 Parkston (12-9) at No. 1 Mount Vernon-Plankinton (16-5)
No. 3 Hanson (14-7) at No. 2 Platte-Geddes (15-6)

**REGION 4B**
**First Round, Feb. 27**
Gayville-Volin 56, Menno 53
**Second Round, Feb. 28**
Viborg-Hurley 75, Gayville-Volin 46
Scotland 57, Centerville 54, OT
Freeman Academy-Marion 42, Freeman 35
Irene-Wakonda 62, Alcester-Hudson 49
**Qualifier Round, March 3 at Centerville**
No. 5 Scotland (10-11) vs. No. 1 Viborg-Hurley (18-3)
No. 3 Irene-Wakonda (10-11) vs. No. 2 Freeman Academy-Marion (13-8)

**REGION 5B**
**First Round, Feb. 27**
Avon 54, Andes Central-Dakota Christian 48
**Second Round, Feb. 28**
Gregory 66, Avon 26
Tripp-Delmont-Armour 49, Colome 29
Wessington Springs 69, Burke 37
Marty 66, Corsica-Stickney 54
**Qualifier Round, March 3 at Mitchell**
No. 1 Gregory (15-6) vs. No. 4 Tripp-Delmont Armour (17-4), 6 p.m.
No. 2 Wessington Springs (15-6) vs. No. 3 Marty (13-7), 7:30 p.m.

## SPORTS DIGEST

# Bucks Host Aberdeen Central In SoDak 16

The Yankton Bucks (15-5) are the fourth seed in the Class AA boys' basketball SoDak 16, and will host Aberdeen Central on Saturday at 2 p.m.

Doors will open at 1 p.m. No passes will be honored.

The winner of Saturday's game will advance to the South Dakota State Class AA Boys' Basketball Tournament, March 16-18 in Rapid City.

# Neb. Boys' Pairings Set

LINCOLN, Neb. — The Nebraska School Activities Association announced times and venues for the Boys Basketball State Championships Mar. 8-11 in Lincoln.

In the Class C2 bracket, the Cedar Catholic Trojans, 22-4, are the No. 4 seed and play No. 5 seed Elkhorn Valley, 23-2, in the quarterfinals Mar. 9 at 10:45 a.m. at the Devaney Center.

The Wynot Blue Devils, 22-4, earned the No. 1 seed in the Class D2 bracket and will play No. 8 seed Paxton, 17-5, in the quarterfinals Mar. 9 at 9 a.m. inside Pinnacle Bank Arena.

Also in Class D2, the No. 7 seed Santee Warriors, who earned a trip to the state tournament for the first time in school history, will play No. 2 seed Shelton at 6 p.m. Mar. 9 in the Devaney Center.

Semifinals in Class C2 will all be played at Devaney on Friday. Championship games will be played at Pinnacle Bank Arena, with third place games at Lincoln Southeast High School.

# USD's Larkins Named First-Team

## CALENDAR

**Friday, March 3**
**BASKETBALL, MEN'S** Summit League Tourn. at Sioux Falls
**BASKETBALL, WOMEN'S** Summit League Tourn. at Sioux Falls
**BASKETBALL, BOYS'** S.D. Regions — 4A — Tea Area at Dakota Valley; Vermillion at Elk Point-Jefferson (KVTK-AM/FM, Vermillion Streaming); 5A — Parkston at Mount Vernon-Plankinton; Hanson at Platte-Geddes; 4B at Centerville — Viborg-Hurley vs. Scotland (KVHT-FM, 5 StarStreaming); Freeman Academy-Marion vs. Irene-Wakonda (KVHT-FM, 5 StarStreaming); 5B at Mitchell — Gregory vs. Tripp-Delmont/Armour (6 p.m.); Wessington Springs vs. Marty (7:30 p.m.)
**BASKETBALL, GIRLS'** Neb. State Tourn. at Lincoln — C2 — Oakland Craig vs. Crofton; D1 — Hartington Cedar Catholic vs. Ravenna; D2 — Wynot
**BOWLING, CLUB HS** State Boys' Tourn. at Sport Bowl, Sioux Falls (8:30 a.m.)
**HOCKEY, BOYS' JV** State Tourn. at Pierre
**SOFTBALL, COLLEGE** Adam Brown Memorial Shamrock Classic at Conway, Ark. — USD vs. Iowa (10 a.m.); USD at Central Arkansas (3 p.m.)
**TRACK & FIELD, COLLEGE INDOOR** NAIA Championships at Brookings
**Saturday, March 4**
**BASEBALL, COLLEGE** MMU at Benedictine (DH, noon)
**BASKETBALL, MEN'S** Summit League Tourn. at Sioux Falls
**BASKETBALL, WOMEN'S** Summit League Tourn. at Sioux Falls
**BASKETBALL, BOYS'** S.D. Class AA SoDak 16 — Aberdeen Central at YHS (KYNT AM/FM/TV, KVHT-FM, 5 StarSt reaming)
**BASKETBALL, GIRLS'** Neb. State Tourn. at Lincoln (Crofton, Hartington Cedar Catholic, Ponca, Wynot)
**HOCKEY, BOYS' JV** State Tourn. at Pierre
**SOFTBALL, COLLEGE** Adam Brown Memorial Shamrock Classic at Conway, Ark. — USD vs. Iowa (9:30 a.m.); USD vs. Stephen F. Austin (11:30 a.m.)
**TRACK & FIELD, COLLEGE INDOOR** NAIA Championships at Brookings
**Sunday, March 5**
**BASEBALL, COLLEGE** MMU at Benedictine (DH, noon)
**BASKETBALL, MEN'S** Summit League Tourn. at Sioux Falls — USD vs. North Dakota State (8:30 p.m., KVHT-FM, MidcoSN)
**BASKETBALL, WOMEN'S** Summit League Tourn. at Sioux Falls — USD vs. Oral Roberts (12:30 p.m., KVHT-FM, MidcoSN)
**HOCKEY, BOYS' JV** State Tourn. at Pierre
**TENNIS, WOMEN'S** USD at North Dakota (10 a.m.)

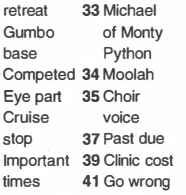
# MMU's Schleis, Wiebelhaus Among Leaders In Heptathlon At NAIA Meet

BROOKINGS — Mount Marty seniors

## CROSSWORD
By THOMAS JOSEPH

**ACROSS**
1 Back biter
6 Gem unit
11 Find darling
12 Unescorted
13 Quick kisses
14 Summit goals
15 Young foxes
17 Revue segment
18 Chef's need
20 Long-snouted fish
22 Make fun of
23 Holiday events
26 Stylishly quaint
28 Prelude
29 Sticks
31 Owns
32 Puts away
33 Mexican coin
34 Bounders
36 Thick slice
38 Distant
40 African lilies
43 Cherry center
45 Neighsayer
46 Ledger item

**DOWN**
1 Travel aid
2 Poem of praise
3 Prevented intruders, in a way
4 Alan of "Argo"
5 Breather
6 Upper limit
7 Nome native
8 Caused trouble
9 Against
10 Midterm, for one
16 Relaxing retreat
18 Gumbo base
19 Competed
21 Eye part
23 Cruise stop
24 Important times
25 Mediocre
27 Grounds
30 Slalom maneuver
33 Michael of Monty Python
34 Moolah
35 Choir voice
37 Past due
39 Clinic cost
41 Go wrong
42 Utter



Yesterday's answer

PROVAL of Application No. 8717-3 with qualifications because 1) unappropriated water is available, 2) existing domestic water uses and water rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Chief Engineers recommendation with qualifications, the application, and staff report are available at https://danr.sd.gov/public or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at https://danr.sd.gov/public or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 13, 2023.

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**Published March 3, 2023.**

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**NOTICE OF HEARING OF THE THE YANKTON COUNTY PLANNING COMMISSION RECOMMENDATION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Planning Commission on the 14th day of March 2023 beginning at 7:15 p.m. in the Commission Chambers, Yankton County, South Dakota, to consider recommendation to amend Article 4 and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

BEVERAGES

NOTICE IS HEREBY GIVEN that an application has been received by the Board of City Commissioners of the City of Yankton, South Dakota, for a Special Events RETAIL (on-sale) Liquor License for 3 days, April 14-16, 2023 from SDJCI Senate, (Cindy Crooks, President) dba SDJCI Senate, NFAA, 800 Archery Lane, Yankton, South Dakota.

NOTICE IS FURTHER GIVEN that a Public Hearing upon the application will be held on Monday, March 13th, 2023 at 7:00 p.m. in the City of Yankton Community Meeting Room at the Technical Education Center, 1200 West 21st Street, Yankton, South Dakota, where any person or persons interested in the approval or rejection of the above application may appear and be heard.

Dated at Yankton, South Dakota this 27th day of February, 2023.

Al Viereck
FINANCE OFFICER

Published once at the total approximate cost of $15.04 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3, 2023.**

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**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:05 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:10 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a variance to minimum lot size in an Agriculture District. Applicant wishes to replot one platted non-conforming lot into two lots each smaller than 20 acres per Article 18 Section 1807. Said property is legally described as
Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4 of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 address is 30499 SW Jim River Rd, Yankton, South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaeflis 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183

Published twice at the total approximate cost of $38.60 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

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STATE OF SOUTH DAKOTA

COUNTY OF YANKTON

IN CIRCUIT COURT

1ST JUDICIAL CIRCUIT

IN THE MATTER OF THE PETITION OF:
Patrick Allan Ernster

FOR A CHANGE OF NAME TO:
Pat Allen Ernster

FILENO: 66CIV23-18

**NOTICE OF HEARING FOR ADULT NAME CHANGE**

NOTICE IS HEREBY GIVEN a Verified Petition for Adult Name Change has been filed by Patrick Allan Ernster the object and prayer of which is to change Petitioner's name



**Published February 10, 17, 24 & March 3, 2023.**

be held Mar. 9-11 in Watertown. Parkston finished its season 16-7.

| | | | | | |
|---|---|---|---|---|---|
| PARKSTON (16-7) | 11 | 10 | 16 | — | 46 |
| SISSETON (20-2) | 14 | 9 | 19 | 17 | — 59 |

Grant Nelson, NorthDakota State (Jr., F)
Andrew Rohde, St. Thomas (Fr., G)
Connor Vanover, Oral Roberts (Sr., F)

## SCOREBOARD

### BASKETBALL

**SUMMIT LEAGUE MEN'S TOURN.**

**March 3-7 at Sioux Falls**

**First Round, March 3**
No. 8 Denver (15-16, 6-12) vs. No. 9 North Dakota (12-19, 5-12), 6 p.m.
No. 7 Kansas City (11-20, 7-11) vs. No. 10 Omaha (8-22, 4-14), 8:30 p.m.

**Quarterfinals**
**Saturday, March 4**
No. 1 Oral Roberts (27-4, 18-4) vs. Denver/UND winner, 6 p.m.
No. 2 South Dakota State (18-12, 13-5) vs. KC/Omaha winner, 8:30 p.m.

**Sunday, March 5**
No. 4 Western Illinois (15-13, 9-9) vs. No. 5 St. Thomas (18-13, 9-9), 6 p.m.
No. 3 North Dakota State (14-16, 11-7) vs. No. 6 South Dakota (12-18, 7-11), 6:30 p.m.

**Semifinals, March 6**
ORU/Denver/UND winner vs. WIU/ST winner, 6 p.m.
SDSU/KC/Omaha winner vs. NDSU/USD winner, 8:30 p.m.

**Championship, March 7**
Semifinal winners, 8 p.m.

**SUMMIT LEAGUE WOMEN**

**March 3-7 at Sioux Falls**

**First Round, March 3**
No. 8 St. Thomas (12-16, 7-11) vs. No. 9 Western Illinois (10-19, 5-13), 12:30 p.m.
No. 7 Denver (12-17, 8-10) vs. No. 10 Kansas City (7-22, 3-15), 3 p.m.

**Quarterfinals**
**Saturday, March 4**
No. 1 South Dakota State (25-5, 18-0) vs. ST/Wilmington, 12:30 p.m.
No. 2 North Dakota State (18-10, 12-6) vs. Denver/KC winner, 3 p.m.

**Sunday, March 5**
No. 4 South Dakota (14-15, 10-8) vs. No. 5 Oral Roberts (11-16, 8-10), 12:30 p.m.
No. 3 North Dakota (18-10, 11-7) vs. No. 6 Omaha (13-16, 8-10), 3 p.m.

**Semifinals, March 6**
SDSU/ST/WIU winner vs. USD/ORU winner, 12:30 p.m.
NDSU/Denver/KC winner vs. UND/Omaha winner, 3 p.m.

**Championship, March 7**
Semifinal winners, 1 p.m.

**NEB. STATE GIRLS' TOURN.**

**March 1-4 at Lincoln**
NOTE: All finals at Pinnacle Bank Arena. All third place games at Lincoln Northwest

**CLASS C2**

First Round, March 2 at Devaney
Crofton 49, Cross Country 27
Oakland-Craig 36, Ponca 22
Pender 56, Clarkson-Leigh 37
Guardian Angels CC 67, Southern Valley 46

**Semifinals, March 3 at Devaney**
No. 1 Crofton (24-2) vs. No. 4 Oakland-Craig (23-4), 1:30 p.m.
No. 2 Pender (25-3) vs. No. 3 Guardian Angels CC (21-4)

**Final Round, March 4**
CHAMPIONSHIP: Semifinal winners, 4:15 p.m.
THIRD: Semifinal losers, 9 a.m.

**CLASS D1**

**First Round, March 1**
**At Pinnacle Bank Arena**
Ravenna 51, Sumner-Eddyville-Miller 37
Hastings St. Cecilia 49, Elmwood-Murdock 37

**At Devaney**
Centura 45, Elgin Public-Pope John 27
Cedar Catholic 69, Johnson-Brock 36

**Semifinals, March 3 at Devaney**
No. 1 Ravenna (25-2) vs. No. 4 Hastings St. Cecilia (18-7), 9 a.m.
No. 2 Centura (24-3) vs. No. 3 Cedar Catholic (21-6), 10:45 a.m.

**CLASS D2**

**First Round, March 2**
**At Pinnacle Bank Arena**
Falls City Sacred Heart 64, Leyton 30
Humphrey St. Francis 61, McCool Junction 54

**At Devaney**
Shelton 52, Wilcox-Hildreth 22
Wynot 53, O'Neill St. Mary's 44

**Semifinals, March 3 at Devaney**
No. 1 Falls City Sacred Heart (24-3) vs. No. 5 Humphrey St. Francis (20-6), 6 p.m.
No. 2 Shelton (23-1) vs. No. 6 Wynot (17-9), 7:45 p.m.

**Final Round, March 4**
CHAMPIONSHIP: Semifinal winners, 6:15 p.m.
THIRD: Semifinal losers, 3 p.m.

**NEB. BOYS' DISTRICT FINALS**

**Monday, Feb. 27**
C2-1: Freeman 62, Oakland-Craig 22
C2-2: Amherst 65, Hershey 34
C2-3: Doniphan-Trumbull 39, Hastings St. Cecilia 38
C2-5: Elkhorn Valley 71, Summerland 53
C2-7: Norfolk Catholic 44, Cross County 30
D2-1: Shelton 90, Medicine Valley 46
D2-3: Wynot 79, Hay Springs 27
D2-4: Osceola 54, Fr Field 45
D2-5: Sumner-Eddyville-Miller 46, Creighton 43
**Tuesday, Feb. 28**
C2-4: Harrington Cedar Catholic 52, Yutan 40
C2-6: TriCounty 60, Wakefield 47
C2-8: Gordon-Rushville 40, Elmwood-Murdock 26
D2-2: Parkview Christian 76, Fullerton 53
D2-6: Paxton 56, Stuart 47
D2-7: Falls City Sacred Heart 66, Potter-Dix 44
D2-8: Santee 61, Mullen 55, OT

**S.D. SODAK 16**

**CLASS AA BOYS**
**All Games on March 4**
No. 16 Rapid City Stevens (5-15) at No. 1 Sioux Falls Jefferson (16-2), 4 p.m.
No. 9 Harrisburg (13-7) at No. 8 Brandon Valley, 3 p.m.
No. 15 Rapid City Central (6-14) at No. 2 Sioux Falls Lincoln (17-3), 3 p.m.
No. 10 Sturgis (10-9) at No. 7 Sioux Falls Roosevelt (12-8), 3p.m.
No. 13 Aberdeen Central (6-12) at No. 4 Yankton (15-5), 2 p.m.
No. 12 Huron (7-13) at No. 5 Sioux Falls Washington (14-6), 2 p.m.
No. 14 Watertown (7-13) vs. No. 3 Mitchell (16-4), 6p.m.
No. 11 O'Gorman (7-13) at No. 6 Pierre (13-7), 3 p.m.

**CLASS A GIRLS**
**All Games on March 2**
Hamlin 60, Milbank 24
Wagner 72, Tea Area 52
Sioux Falls Christian 61, Lennox 29
Red Cloud 63, Garretson 58
Flandreau 47, St. Thomas More 38
Lakota Tech 68, Dupree 34
Sisseton 59, Parkston 46
Rapid City Christian 60, Miller 47

**CLASS B GIRLS**
**All Games on March 2**
Wolsey-Wessington 58, Leola-Frederick Area 23
Ethan 34, Corsica-Stickney 31
Viborg-Hurley 68, Lyman 34
Sully Buttes 44, Harding County 26
Wall 74, Warner 64
Howard 61, Wessington Springs 40
Castlewood 74, Timber Lake 46
Jones County 54, Centerville 37

**S.D. BOYS' REGIONS**

NOTE: "Qualifier Round" winners advance to SoDak 16 on March 7

**REGION 4A**
**First Round, Feb. 28**
Dakota Valley 85, Parker 31
Tea Area 72, Beresford 47
Vermillion 51, Lennox 47
Elk Point-Jefferson 79, Canton 70

**Qualifier Round, March 3**
No. 4 Tea Area (14-6) at No. 1 Dakota Valley (21-0)
No. 7 Vermillion (10-11) at No. 3 Elk Point-Jefferson (15-6)

**REGION 5A**
**First Round, Feb. 27**
Bon Homme 71, Sanborn Central-Woonsocket 59
**Second Round, Feb. 28**
Mount Vernon-Plankinton 75, Bon Homme 47
Parkston 49, Kimball-White Lake 40
Platte-Geddes 64, Chamberlain 40
Harrison 56, Wagner 42
**Qualifier Round, March 3**
No. 4 Parkston (12-9) at No. 1 Mount Vernon-Plankinton (15-6)
No. 3 Harrison (14-7) at No. 2 Platte-Geddes (15-6)

**REGION 4B**
**First Round, Feb. 27**
Gayville-Volin 58, Menno 53
**Second Round, Feb. 28**
Viborg-Hurley 75, Gayville-Volin 46
Scotland 57, Centerville 54, OT
Freeman Academy-Marion 42, Freeman 35
Irene-Wakonda 62, Alcester-Hudson 49
**Qualifier Round, March 3 at Centerville**
No. 5 Scotland (10-11) vs. No. 1 Viborg-Hurley (18-3)
No. 3 Irene-Wakonda (10-11) vs. No. 2 Freeman Academy-Marion (13-8)

**REGION 5B**
**First Round, Feb. 27**
Avon 54, Andes Central-Dakota Christian 46
**Second Round, Feb. 28**
Gregory 68, Avon 26
Tripp-Delmont-Armour 49, Colome 29
Wessington Springs 69, Burke 37
Marty 66, Corsica-Stickney 54
**Qualifier Round, March 3 at Mitchell**
No. 1 Gregory (15-6) vs. No. 4 Tripp-Delmont-Armour (17-4), 6 p.m.
No. 2 Wessington Springs (15-6) vs. No. 3 Marty (13-7), 7:30 p.m.

## SPORTS DIGEST

### Bucks Host Aberdeen Central In SoDak 16

The Yankton Bucks (15-5) are the fourth seed in the Class AA boys' basketball SoDak 16, and will host Aberdeen Central on Saturday at 2 p.m.

Doors will open at 1 p.m. No passes will be honored.

The winner of Saturday's game will advance to the South Dakota State Class AA Boys' Basketball Tournament, March 16-18 in Rapid City.

### Neb. Boys' Pairings Set

LINCOLN, Neb. — The Nebraska School Activities Association announced times and venues for the Boys Basketball State Championships Mar. 8-11 in Lincoln.

In the Class C2 bracket, the Cedar Catholic Trojans, 22-4, are the No. 4 seed and play No. 5 seed Elkhorn Valley, 23-2, in the quarterfinals Mar. 9 at 10:45 a.m. at the Devaney Center.

The Wynot Blue Devils, 22-4, earned the No. 1 seed in the Class D2 bracket and will play No. 8 seed Paxton, 17-5, in the quarterfinals Mar. 9 at 9 a.m. inside Pinnacle Bank Arena.

Also in Class D2, the No. 7 seed Santee Warriors, who earned a trip to the state tournament for the first time in school history, will play No. 2 seed Shelton at 6 p.m. Mar. 9 in the Devaney Center.

Semifinals in Class C2 will all be played at Devaney on Friday. Championship games will be played at Pinnacle Bank Arena, with third place games at Lincoln Southeast High School.

### USD's Larkins Named First-Team All-Summit

SIOUX FALLS — South Dakota sophomore point guard Grace Larkins is one of six players named first-team all-Summit League as voted on by the conference's coaches, media and sports information directors. In addition, Larkins is one of five players named to the all-defensive team. They are the first such honors for Larkins, who hails from Altoona, Iowa.

Larkins is the first player in Summit League history to rank in the top five in points, rebounds, assists and steals. In fact, she is currently top three in all four categories. She led the Summit with 89 assists in 18 conference games while averaging 18.3 points, 8.7 rebounds and 2.1 steals. Defensively, Larkins grabbed more defensive rebounds than any player in Summit play. She also compiled the third-most steals and seventh-most blocks.

Larkins is the eighth Coyote to earn first-team honors in 12 seasons inside the Summit League. South Dakota has had at least one first-team pick in 11 of 12 seasons. Larkins is the third Coyote to be named to the all-defensive team in the last two seasons. South Dakota featured the Defensive Player of the Year for five consecutive seasons from 2018-22.

## CALENDAR

**Friday, March 3**

BASKETBALL, MEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, WOMEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, BOYS' S.D. Regions — 4A — Tea Area at Dakota Valley; Vermillion at Elk Point-Jefferson (KVTV, AM/FM, Vermillion Streaming); 5A — Parkston at Mount Vernon-Plankinton; Hanson at Platte-Geddes; 4B at Centerville — Viborg-Hurley vs. Scotland (KVHT-FM, 5 Star Streaming); Freeman Academy-Marion vs. Irene-Wakonda (KVHT-FM, 5 Star Streaming); 5B at Mitchell — Gregory vs. Tripp-Delmont-Armour (6 p.m.); Wessington Springs vs. Marty (7:30 p.m.)

BASKETBALL, GIRLS' Neb. State Tourn. at Lincoln — C2 — Oakland Craig vs. Crofton; D1 — Hartington Cedar Catholic vs. Ravenna; D2 — Wynot

BOWLING, CLUB HS State Boys' Tourn. at Sport Bowl, Sioux Falls (8:30a.m.)

HOCKEY, BOYS' JV State Tourn. at Pierre

SOFTBALL, COLLEGE Adam Brown Memorial Shamrock Classic at Conway, Ark. — USD vs. Iowa (10 a.m.); USD at Central Arkansas (3 p.m.)

TRACK & FIELD, COLLEGE INDOOR NAIA Championships at Brookings

**Saturday, March 4**

BASEBALL, COLLEGE MMU at Benedictine (DH, noon)

BASKETBALL, MEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, WOMEN'S Summit League Tourn. at Sioux Falls

BASKETBALL, BOYS' S.D. Class AA SoDak 16 — Aberdeen Central at YHS (KYNT-AM/FM/TV, KVHT-FM, 5 Star Streaming)

BASKETBALL, GIRLS' Neb. State Tourn. at Lincoln (Crofton, Hartington Cedar Catholic, Ponca, Wynot)

HOCKEY, BOYS' JV State Tourn. at Pierre

SOFTBALL, COLLEGE Adam Brown Memorial Shamrock Classic at Conway, Ark. — USD vs. Iowa (9:30 a.m.); USD vs. Stephen F. Austin (11:30 a.m.)

TRACK & FIELD, COLLEGE INDOOR NAIA Championships at Brookings

**Sunday, March 5**

BASEBALL, COLLEGE MMU at Benedictine (DH, noon)

BASKETBALL, MEN'S Summit League Tourn. at Sioux Falls — USD vs. North Dakota State (6:30 p.m., KVHT-FM, MidcoSN)

BASKETBALL, WOMEN'S Summit League Tourn. at Sioux Falls — USD vs. Oral Roberts (12:30 p.m., KVHT-FM, MidcoSN)

HOCKEY, BOYS' JV State Tourn. at Pierre

TENNIS, WOMEN'S USD at North Dakota (10 a.m.)

### MMU's Schleis, Wiebelhaus Among Leaders In Heptathlon At NAIA Meet

BROOKINGS — Mount Marty seniors Mason Schleis and Seth Wiebelhaus rank third and eighth after the opening day of heptathlon competition at the NAIA Indoor Track and Field Championships, Thursday at the Sanford-Jackrabbit Athletic Complex in Brookings.

Cole Wilson of Keiser leads the event with 3,049 points, followed by Daktoa State's Treshawn Roberts (2,897) and Schleis (2,793). Wiebelhaus ended the first day with 2,594 points.

Schleis ranked first in the long jump (22-4 ½), third in the 60-meter dash (7.13), sixth in the high jump (6-2) and 12th in the shot put (32-11 ¾).

Wiebelhaus ranked fifth in the shot put (37-0 ½), eighth in the high jump (5-11 ¾), ninth in the long jump (20-5) and 12th in the 60 (7.38).

The heptathlon concludes today (Friday) with the 60-meter hurdles, pole vault and 1,000-meter run.

In the men's 1600 relay prelims, Mount Marty's Devon Breckenridge, Schleis, Nathaniel Kropuenske and Nathan Simons finished 17th out of 19, clocking a 3:20.52.

The MMU women's 1600 relay team was disqualified in its prelim.

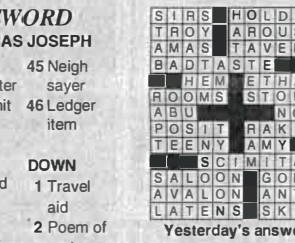
MMU has several athletes competing in prelims today.

## *CROSSWORD*

**By THOMAS JOSEPH**

**ACROSS**
1 Back biter
6 Gem unit
11 Find darling
12 Unescorted
13 Quick kisses
14 Summit goals
15 Young foxes
17 Revue segment
18 Chef's need
20 Long-snouted fish
22 Make fun of
23 Holiday events
26 Stylishly quaint
28 Prelude
29 Sticks
31 Owns
32 Puts away
33 Mexican coin
34 Bounders
36 Thick slice
38 Distant
40 African lilies
43 Cherry center
44 Pageant crown
45 Neigh sayer
46 Ledger item

**DOWN**
1 Travel aid
2 Poem of praise
3 Prevented intruders, in a way
4 Alan of "Argo"
5 Breather
6 Upper limit
7 Nome native
8 Caused trouble
9 Against
10 Midterm, for one
16 Relaxing retreat
18 Gumbo base
19 Competed
21 Eye part
23 Cruise stop
24 Important times
25 Mediocre
27 Grounds
30 Slalom maneuver
33 Michael of Monty Python
34 Moolah
35 Choir voice
37 Past due
39 Clinic cost
41 Go wrong
42 Utter



**Yesterday's answer**

3-3

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**3-3 CRYPTOQUOTE**

XUIJ UH SKJ IXEPJY IEY

PKULK XERJ UH SKJ KEMJG.

— RULSEY KAVE

**Yesterday's Cryptoquote:** SOMEONE ASKED ME, IF I WERE STRANDED ON A DESERT ISLAND, WHAT BOOK WOULD I BRING: "HOW TO BUILD A BOAT." — STEVEN WRIGHT

## 2010 Legal and Public Notices

mation, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at https://danr.sd.gov/public or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 20, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at https://danr.sd.gov/public or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 20, 2023.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published once at the total approximate cost of $40.96 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 10, 2023.**

**NOTICE OF HEARING OF THE THE YANKTON COUNTY PLANNING COMMISSION RECOMMENDATION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Planning Commission on the 14th day of March 2023 beginning at 7:15 p.m. in the Commission Chambers, Yankton County, South Dakota, to consider recommendation to amend Article 4 and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Planning Commission may recommend adoption Yankton County Or-

## 2010 Legal and Public Notices

FACILITY LOCATION:
**1000 Cattle Drive in the city of Yankton, in the Northeast ¼ of Section 17 and Northwest ¼ of Section 18, all in Township 93 North, Range 55 West, in Yankton County, South Dakota**

MAILING ADDRESS:
**PO Box 80**
**Yankton, SD 57078**

The Pretreatment Industrial User permit will allow the indirect discharge of process wastewater from American Foods Group dba Cimpl's LLC cattle slaughterhouse process. Indirect discharges from this facility will enter the city of Yankton's Publicly Owned Treatment Works, where it will receive further treatment.

Tentative determinations regarding the limits for any discharge and other conditions have been made by DANR. The Pretreatment Industrial User permit specifies the amount of pollution which can be discharged to the sanitary sewer and still protect the Publicly Owned Treatment Works, worker health and safety, biosolids quality, and the receiving stream. The draft discharge permit and supporting document are available from DANR at the address listed below.

In accordance with the Administrative Rules of South Dakota, Chapter 74:50:02, any person desiring to comment on the Department's recommendation for the conditional issuance of this permit must submit written comments to the below address within the specified thirty (30) day comment period. Comments may be directed to the following address: South Dakota Department of Agriculture and Natural Resources, Water Quality Program, Joe Foss Building, 523 East Capitol, Pierre, SD 57501. Comments may also be provided within the specified thirty (30) day comment period using the online comment form, accessible via the "Comment Deadline" links provided a http://danr.sd.gov/public. Any person desiring a public hearing must file a petition which complies with the ARSD 74:50:02. If no objections are received within the specified 30-day period, the Secretary will issue final determinations within sixty days of the date of this notice.

Additional information may be obtained by calling Kyle Doerr, with DANR, at (605) 773-3351, or by writing to the address listed above.

Hunter Roberts

Published once at the total approximate cost of $32.96 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 10, 2023.**

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:05 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

**NOTICE OF PUBLIC HEARING**

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Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4. of Section 17, T94N,

## 2010 Legal and Public Notices

tions in accordance with the Yankton County Zoning Ordinance and provide recommendations/findings to the Yankton County Commission/ Board of Adjustment. There may be other special meetings as assigned. These will be three year terms April 2026.

Those who want to be considered for an appointment are asked to submit a written statement describing their background to email address: gary@co.yankton.sd.us or Yankton County Planning & Zoning, 321 West 3rd Street #209, Yankton, S.D. 57078. All applications will be submitted to the Yankton County Commissioners for review and selection on April 4, 2023.

**All applications must be received by 5:00 p.m., Monday, March 27, 2023.**

For more information, contact Yankton County Planning & Zoning Department at 605-260-4445.

Published three times at the total approximate cost of $41.60 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 10, 17 & 24, 2023.**

# Flood

From Page 1

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However, while flooding may affect these rivers, the Missouri River in the northern plains, at least at this time, is anticipated to have a quiet year.

Ryan Larsen, Reservoir Regulation Team Lead with the United States Army Corps of Engineers (USACE), said runoff above Sioux City is forecast at only 21.5 million acre feet (MAF) this year.

"We are expecting below-average runoff during the high-runoff periods of March-April, typically when the plains snowpack melts, and May-July, typically when the mountain snowpack melts," he said.

While the thick blanket of snow in eastern South Dakota and North Dakota may contribute to some flooding in the coming weeks, Larsen said it will have some benefit.

"Most of this snowpack is covering the James and Big Sioux watersheds, which drain into the Missouri River downstream of the system of reservoirs," he said. "The plains snowpack will help replenish the soil moisture deficit, which is reflected in the drought seasonal outlook showing drought improvement and removal over much of the Dakotas."

Larsen added that the snowpack in the Dakotas isn't expected to melt until the end of the month.

*Follow @RobNielsenPandD on Twitter.*

# Bicameral

From Page 5

islature, she said, she watched unlikely senators work together.

Natalie Hahn, whose family has farms in Polk and Merrick Counties, said senators need to remember that Nebraska's system is a "gem" and a "treasure" to the rest of the world. She said that when she'd bring international visitors to Nebraska as part of her work with the United Nations, they'd be most in awe of the Unicameral.

Hahn also called for senators to remember the words at the south entrance of the Capitol: "The salvation of the state is watchfulness in the citizen."

"Let us ensure the watchfulness is based on local needs, particularly independence and brilliance for all Nebraskans," Hahn said.

# Prisons

From Page 1

"As Secretary Wasko said during her legislative testimony, upon completion (of the new prisons), we will balance the statewide population to accommodate each facility's design capacity with room for offender progression and regression throughout all facilities," he said.

The MDSP holds medium-security male inmates, while the Yankton Minimum Unit houses inmates completing their sentences and transitioning toward release.

As of Wednesday, MDSP housed 1,025 offenders at Springfield and 258 at the Yankton Minimum Unit, Winder said.

MDSP, a former college campus, holds the capacity for about 1,240 inmates, according to the DOC website. The census can vary daily, depending on incoming prisoners, releases and transfers.

The Springfield prison also oversees the Yankton Minimum Unit and the Rapid City Minimum Unit.

The DLR Group has provided a forecast of the anticipated explosion of inmates in South Dakota corrections. Within the next 20 years, the total population is expected to increase by 26% (from 3,407 to 4,296). The forecasted population increases by 19.1% (from 503 to 599) for females and 15.1% (from 2,904 to 3,342) for males from 2022 to 2026.

### LAWMAKERS SPEAK OUT

District 18 lawmakers weighed in on corrections issues both during Saturday's legislative forum in Yankton and afterwards during interviews with the *Press & Dakotan*. The delegation includes Sen. Jean Hunhoff (R-Yankton) and Reps. Mike Stevens (R-Yankton) and Julie Auch (R-Lesterville).

All three lawmakers said they believe inmates may eventually be transferred from Springfield to Sioux Falls or remain housed in Sioux Falls for their entire sentence.

"With the new prison in Sioux Falls, we may see inmates from Springfield going back to Sioux Falls," she said, adding she doesn't Hunhoff any major changes at the Yankton trusty unit.

The women's prison in Pierre woefully underserves the growing female inmate population, Hunhoff said.

"No woman should have to live in those conditions," she said.

Stevens looks for adjustments with completion of the new men's prison, which he said will house an estimated 1,500 inmates.

"I think there will be a redistribution with some of the inmates in Springfield and other places," he said.

When it comes to the housing of female inmates, Stevens agreed with Hunhoff on the current dire facilities.

"As for the women's prison, it's just a terrible situation," he said. "You have nine people (housed) in a small room, and that makes it really difficult. It's just a hodgepodge bunch of buildings."

The state also needs to address juvenile justice and the worsening problem of young offenders, Stevens said.

"When I think about when we were kids, the situations that our friends were involved in, that's significantly different now," he said. "It's more serious and at a lot younger age, and the dynamic of the family isn't often what it was 20 or 30 years ago."

The state's corrections system, particularly for juvenile offenders, needs constant re-evaluation, Stevens said. "We don't have the resources in our rural areas to help those kids, and it's something we have to work on," he said.

Springfield and Yankton aren't included in the current bills, but the state may need to address those facilities in the future, Auch said.

She agreed on the need to deal with the state's correction

In addition, she spoke about staffing shortages at Springfield, Pierre and Sioux Falls.

During Saturday's forum, Hunhoff noted the state's major investment in the coming years for corrections. She acknowledged the need for more prison space, but she also called for alternatives to incarceration.

"We're spending half a billion dollars on prison. What are we spending to keep people out of prison?" she said.

The session's focus hasn't been only on building more prisons. Lawmakers are also looking at areas such as juvenile justice and rehabilitation programs for inmates with addiction issues.

The corrections issue isn't limited to the state facilities, as counties are asking for assistance in housing and transporting prisoners. By a 54-15 margin, the House defeated a bill that would have funded regional county jails. The bill would have created a $40 million revolving loan fund for regional county jails with $10 million in grants.

In the DOC system, Wasko brings her experiences from another state to the table in making changes to the South Dakota penal system, Hunhoff said.

"If you listen to the new Secretary of Corrections, she comes from a much different background as far as a corrections system," the state senator said. "She realizes the importance of behavioral health in prisons."

Wasko has indicated she wants to pursue rehabilitation programs seeking to keep inmates from returning to jail, Hunhoff said. In addition, the DOC has reviewed the way in which addiction recovery services are delivered for inmates.

"We're seeing a different approach in looking at the best practices for rehab for those inmates," Hunhoff added.

She pointed to Teen Challenge of the Dakotas as one example of alternative programming. It is a nonprofit addiction recovery ministry in Brookings that uses a faith-based, holistic approach to working with those struggling with addiction, depression, criminal activity or something else.

The residential program serves mesdfn 18 years and older. The 16-month program consists of five phases. The first four phases consist of a total of 10 months of induction and training. The final phase consists of six months of re-entry, focused on discipleship and assistance in transitioning back into the "real world."

Teen Challenge has resulted in a lower recidivism rate — the number of inmates who return to prison — than a number of other rehab programs, Hunhoff said.

A problem exists with the lack of mental health and other professionals to meet the growing need, Hunhoff said. "We don't have enough practitioners so they can treat more patients," she said.

### PROVIDING SERVICES

Stevens pointed to the need for maintaining current alternative programs. HB 1170 didn't receive support, he said, because it would have eliminated four special courts in the justice system for DUI, drug, veterans and mental health.

The First Circuit, which consists of southeast South Dakota, has instituted community response teams and other innovative said.

"The other problem we have is that we have the community services readily available in areas such as the Yankton area, but you get out into the rural areas and they don't have it," he said.

In those rural areas, offenders must go through the DOC system to get the same services, Stevens said.

"It doesn't seem very fair compared to those persons who have those services (and can stay out of prison)," he said. "They're in prison because their community can put money into services."

With the new prisons, South Dakota will operate eight correctional facilities which represent ongoing financial commitments, Stevens said.

Hunhoff pointed to both the immediate and long-range needs.

"We have two major projects going on at the same time, and they have fixed operational costs," she said. "The big picture out there is the ongoing state expenses down the line."

*Follow @RDockendorf on Twitter.*

## *CROSSWORD*

**By THOMAS JOSEPH**

**ACROSS**

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6 Pet store buys
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13 Texas landmark
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15 Under the weather
16 Under-wear type
18 Maui souvenir
19 Naughty act
20 Wisdom bringer
21 Headliner
23 Sculpting medium
25 "Platoon" setting
27 Bro's sibling
28 Moving about
30 Endure
33 Nest egg acct.
34 Bashful pal
36 First número
37 MIT rival
39 Boar's mate
41 Blown away
43 City of southern France
44 Striped cat
45 Virtuous one
46 Goes downhill

**DOWN**

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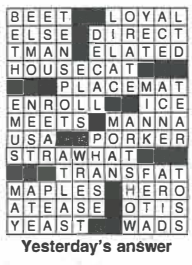
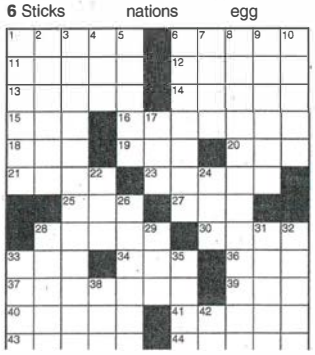
2 Bill holder
3 Soppressata, e.g.
4 Whale group
5 Casino machines
6 Sticks
7 Declare
8 Knack-wurst, e.g.
9 Incense
10 Fashion
17 That guy's
22 Maze runner
24 Motor need
26 Home of many OPEC nations
28 Mecca setting
29 Bird of myth
31 Deceived
32 Castle parts
33 Pics to click
35 Vouchers
38 Govt. agents
42 Goose egg




**Yesterday's answer**



tacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 20, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at https://danr.sd.gov/public or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 20, 2023.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published once at the total approximate cost of $40.96 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 10, 2023.**

**NOTICE OF HEARING OF THE THE YANKTON COUNTY PLANNING COMMISSION RECOMMENDATION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Planning Commission on the 14th day of March 2023 beginning at 7:15 p.m. in the Commission Chambers, Yankton County, South Dakota, to consider recommendation to amend Article 4 and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Planning Commission may recommend adoption Yankton County Ordinance No.23-ZN-01.

Dated this 1st day of March, 2023

ATTEST: Gary Vetter – Development Services Director

Published twice at the total approximate cost of $35.42 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

**NOTICE OF PRETREATMENT INDUSTRIAL USER APPLICATION AND RECOMMENDATION**

The South Dakota Department of Agriculture and Natural Resources (DANR) has received an application for the renewal of a Pretreatment Industrial User permit from the following applicant:

APPLICANT NAME:
**American Foods Group dba Cimpl's LLC**

PERMIT NUMBER:
**SDP000113**

User permit specifies the amount of pollution which can be discharged to the sanitary sewer and still protect the Publicly Owned Treatment Works, worker health and safety, biosolids quality, and the receiving stream. The draft discharge permit and supporting document are available from DANR at the address listed below.

In accordance with the Administrative Rules of South Dakota, Chapter 74:50:02, any person desiring to comment on the Department's recommendation for the conditional issuance of this permit must submit written comments to the below address within the specified thirty (30) day comment period. Comments may be directed to the following address: South Dakota Department of Agriculture and Natural Resources, Water Quality Program, Joe Foss Building, 523 East Capitol, Pierre, SD 57501. Comments may also be provided within the specified thirty (30) day comment period using the online comment form, accessible via the "Comment Deadline" links provided a http://danr.sd.gov/public. Any person desiring a public hearing must file a petition which complies with the ARSD 74:50:02. If no objections are received within the specified 30-day period, the Secretary will issue final determinations within sixty days of the date of this notice.

Additional information may be obtained by calling Kyle Doerr, with DANR, at (605) 773-3351, or by writing to the address listed above.

Hunter Roberts

Published once at the total approximate cost of $32.96 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 10, 2023.**

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:05 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Planning Commission, Yankton County, South Dakota, at 7:10 P.M. on the 14th day of March 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a variance to minimum lot size in an Agriculture District. Applicant wishes to replot one platted non-conforming lot into two lots each smaller than 20 acres per Article 18 Section 1807. Said property is legally described as
Plat of Lots 1 and 2 of J & P Frick Addition, in the SW1/4 of the SE1/4 of Section 8, and in the NW1/w of the NE1/4. of Section 17, T94N, R55W of the 5th P.M., Yankton County, South Dakota. E911 address is 30499 SW Jim River Rd, Yankton, South Dakota.
This plat vacates previously platted Lot A of Lot 4 of Schlaeflis 3rd. Addition in the W1/2 of the SE1/4 of Section 8, T94N, R55W of the 5th P.M., Yankton County, SD. Recorded on May 23, 2000, and Recorded in Book S18, Page 183

Published twice at the total approximate cost of $38.60 and can be viewed free of charge at www.sd-publicnotices.com.

**Published March 3 & 10, 2023.**

Zoning Administrator
321 W. 3rd St. #209
Yankton, SD 57078
605-260-4445

Press Release
March 8, 2023

Yankton County Commission is accepting applications for two positions on the Yankton County Planning Commission. The Planning Commission meets the second Tuesday of the month to review applica-

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*Nebraska Examiner is part of States Newsroom, a network of news bureaus supported by grants and a coalition of donors as a 501c(3) public charity. Nebraska Examiner maintains editorial independence. Contact Editor Cate Folsom for questions: info@nebraskaexaminer.com. Follow Nebraska Examiner on Facebook and Twitter.*



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Springfield and Yankton aren't included in the current bills, but the state may need to address those facilities in the future, Auch said.

She agreed on the need to deal with the state's correction needs. However, she believes the state has misspent money on other priorities that should have gone toward prisons.

In particular, she criticized SB 41, which provided $150 million for housing development. She remains opposed to the program and its funding, saying the funds could have come from outside sources.

"We would have had more than enough money to spend on prison if we wouldn't have just spent $150 million on (housing) development," she said.

"We do a lot of irresponsible spending, and we need to be a little more responsible."

### FINDING ALTERNATIVES

Wasko testified before the Joint Appropriations Committee, chaired by Hunhoff. The committee makes recommendations on spending bills.

Wasko testified about the growing prison population and the facilities that are unsafe for both inmates and employees.

jails with $10 million in grants.

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*Follow @RDockendorf on Twitter.*

## *CROSSWORD*

**By THOMAS JOSEPH**

**ACROSS**

1 Beer amounts
6 Pet store buys
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15 Under the weather
16 Under-wear type
18 Maui souvenir
19 Naughty act
20 Wisdom bringer
21 Headliner
23 Sculpting medium
25 "Platoon" setting
27 Bro's sibling
28 Moving about
30 Endure
33 Nest egg acct.
34 Bashful pal
36 First número
37 MIT rival
39 Boar's mate
40 Michelle or Malia
41 Blown away
43 City of southern France
44 Striped cat
45 Virtuous one
46 Goes downhill

**DOWN**

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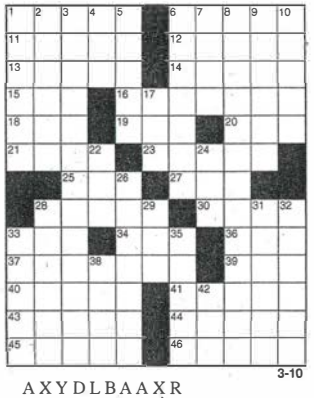
4 Whale group
5 Casino machines
6 Sticks
7 Declare
8 Knack-wurst, e.g.
9 Incense
10 Fashion
17 That guy's
22 Maze runner
24 Motor need
26 Home of many OPEC nations
28 Mecca setting
29 Bird of myth
31 Deceived
32 Castle parts
33 Pics to click
35 Vouchers
38 Govt. agents
42 Goose egg

**Yesterday's answer**



3-10

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**3-10 CRYPTOQUOTE**

SGBQB'N YKSGHYD CKQB BCZTQQTNNHYD SGTY SK GTOB BTQYBE SGB EHNPTOKQ KP T ABQRBASHOB TYHCTI.

— CHRGTBI RGTZKY

**Yesterday's Cryptoquote:** YOU'VE GOT TO JUMP OFF CLIFFS ALL THE TIME AND BUILD YOUR WINGS ON THE WAY DOWN. — RAY BRADBURY

## 2010 Legal and Public Notices

ADVERTISEMENT FOR BIDS

YANKTON SCHOOL DISTRICT 63-3

YANKTON, SOUTH DAKOTA 57078

Notice is hereby given, that sealed bids for the construction of 2023 Asphalt Surface Treatment will be received by the Yankton School District 63-3, at the Yankton School District Administration Building, 2410 West City Limits Rd, PO Box 738, Yankton, South Dakota, 57078 until 1:30 P.M., C.S.T. on Tuesday, April 4th, 2023, at which time they will be opened and read aloud by the Business Manager and witnessed by Supervisor of Buildings & Grounds, or as otherwise designated.

The project consists of: Asphalt Surface Treatment; various lots.

The complete set of Contract Documents, including drawings and specifications, is on file with Owner and the office of Brosz Engineering, Inc., 2309 W 50th Street, Sioux Falls, SD 57105. Digital Contract Documents are also available from QuestCDN and can be accessed from the Brosz Engineering website at www.broszengineering.com under the "Bid Information" page. The cost for downloaded (electronic) plans is $20. The official Plan Holders list can be viewed for the project on the QuestCDN website. Only electronic plan holders downloaded via QuestCDN will receive addendum notifications. Contractors using any other means for obtaining plans and specifications must periodically check the QuestCDN website for any addenda.

Each bid must contain a certified check, a Cashier's check or Draft, for five percent (5%) of the amount of the bid; such check to be certified or issued by either a State or National Bank and payable to Yankton School District or in lieu thereof a Bid Bond for Ten percent (10%) of the amount of this bid, such bond to be issued by a Surety authorized to do business in the State of South Dakota and payable to Yankton School District as a guarantee that such bidder will enter into a contract with Owner in accordance with the terms of such letting and bid in case such bidder is awarded the contract. The Certified Check or other guarantee or bid bond of the successful bidder will be returned forthwith upon the execution of the contract and surety hereafter provided for.

At the time the successful bidder enters into a contract for the construction of public improvement or the furnishing of any material or labor thereof, the Contractor will be required, before commencing such work, to furnish surety in an amount not less than the contract price, for the faithful performance of such contract, with additional obligation that such performance of such contractor will promptly pay all persons supplying him with labor or material in the prosecution of the work provided for in such contract. The Contractor shall also provide proof of liability insurance and workman's compensation insurance, as per Article 5 of the General Conditions.

Yankton School District 63-3 reserves the right to reject any or all bids, waive any irregularities or informalities in bidding or to accept the bid or bids which best serve the interest of Yankton School District 63-3.

Jason Bietz
Business Manager
Yankton School District 63-3
Yankton, South Dakota 57078

Published twice at the total approximate cost of $63.94 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**



ADVERTISEMENT FOR BIDS
YANKTON SCHOOL DISTRICT 63-3
YANKTON, SOUTH DAKOTA 57078

Yankton School District 63-3 will accept sealed bids for painting at Yankton Middle School until 1:30 p.m., Tuesday, April 4, 2023. Bids will be opened, read aloud by the

## 2010 Legal and Public Notices

Yankton, South Dakota 57078

Published twice at the total approximate cost of $32.54 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**

**IN THE STATE OF SOUTH DAKOTA, COUNTY OF YANKTON**
**IN CIRCUIT COURT, FIRST JUDICIAL CIRCUIT COURT**

Citizens Bank, N.A.,
**Plaintiff,**
v.
Seth Brooks and Credit Collection Services, Inc, and any person in possession,
**Defendants.**

**NOTICE OF REAL ESTATE SALE ON FORECLOSURE**
CIVIL NUMBER:
66CTV22-000159

A Non-Monetary Judgment of Foreclosure was entered in favor of Plaintiff and against Defendants, which judgment was filed with the Clerk of Courts of Yankton County, South Dakota, on January 9, 2023, in the amount of $150,005.27, for the foreclosure of a real estate mortgage.

Notice is hereby given pursuant to said judgment that the real property described in
the Real Estate Mortgage dated June 1, 2017 and recorded in the office of the Register of Deeds of Yankton County, South Dakota, on June 1, 2017, in Book 535, at Page 140, as Instrument Number 160262, which Seth Brooks, mortgagor, executed and delivered to Mortgage Electronic Registration Systems, Inc., as Mortgagee, as nominee for CorTrust Mortgage, Inc., its successors and assigns, mortgagee, for the property located at 708 Douglas Ave, Yankton, SD 57078, and legally described as:

Lot Six (6), except the South Twelve Feet (S 12') thereof, Block Seven (7), Lower Yankton, City and County of Yankton, South Dakota, as per plat recorded in Book G, Page 6

in order to realize the amount of the above-referenced judgment, plus interest accruing thereafter on said amount, together with the costs and expenses of sale, will be sold subject to redemption as provided by law as one parcel of land at public auction, subject to easements and restrictions of record, to the highest bidder for cash under the direction of the Yankton County Sheriff, at the main entrance of the Yankton County Courthouse located at 410 Walnut Street, Yankton, South Dakota 57078, on April 11, 2023 at 10:00 AM.

Dated this 22nd day of Febraury, 2023.

SHERIFF OF YANKTON COUNTY
By Preston Crissey
Name: Preston Crissey

Halliday, Watkins & Mann, P.C.

By */s/ Zachary Nesbit*
Zachary Nesbit
Attorneys for Plaintiff
376 East 400 South, Suite 300
Salt Lake City, UT 84111
Tel: 801-355-2886
Email: zach@hwmlawfirm.com

Published twice at the total approximate cost of $54.44 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 17 & 24, 2023.**



**NOTICE OF HEARING OF THE THE YANKTON COUNTY COMMISSION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Commission on the 4th day of April, 2023 beginning at 6:35 p.m. and the 17th day of April, 2023 beginning at 6:30 P.M. in the Commission Chambers, Yankton County, South Dakota, to consider adoption of Article 4 amendment and Re-Adopt Amended Zoning Map for Yankton County

## 2010 Legal and Public Notices

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that a public hearing will be held before the Yankton County Board of Adjustment, Yankton County, South Dakota, at 6:30 P.M. on the 4th day of April 2023 at the Yankton County Government Center, Commissioners Chambers, 321 West Third St., Yankton, South Dakota. Applicant is requesting a Conditional Use Permit to construct a wireless tower for internal communications with their substation per Article 25 Section 2503. Said property is legally described as Lot 1 of Lewis and Clark Substation addition in the Southwest Quarter of the Southwest Quarter of Section 15, Township 93 North, Range 56 West of the 5th Principal Meridian, Yankton County, South Dakota. E911 address is 206 S. Deer Boulevard, Yankton, South Dakota.

Published twice at the total approximate cost of $18.14 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**

Zoning Administrator
321 W. 3rd St. #209
Yankton, SD 57078
605-260-4445

Press Release
March 8, 2023

Yankton County Commission is accepting applications for two positions on the Yankton County Planning Commission. The Planning Commission meets the second Tuesday of the month to review applications in accordance with the Yankton County Zoning Ordinance and provide recommendations/findings to the Yankton County Commission/Board of Adjustment. There may be other special meetings as assigned. These will be three year terms April 2026.

Those who want to be considered for an appointment are asked to submit a written statement describing their background to email address: gary@co.yankton.sd.us or Yankton County Planning & Zoning, 321 West 3rd Street #209, Yankton, S.D. 57078. All applications will be submitted to the Yankton County Commissioners for review and selection on April 4, 2023,

**All applications must be received by 5:00 p.m., Monday, March 27, 2023.**

For more information, contact Yankton County Planning & Zoning Department at 605-260-4445.

Published three times at the total approximate cost of $41.60 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 10, 17 & 24, 2023.**

# Weather

From Page 1

one mile north of the Knox County Courthouse," he said. "We never received any reports of accidents. By now, I think everyone knows to slow down."

However, the conditions made for treacherous driving, Henery said.

"My 12:30 a.m. dispatcher said visibility was bad when she came to work but she made it by driving slowly," the sheriff said. "The highways are melting, but if the temperature drops below freezing, motorists should slow down and watch for icy patches."

In neighboring Cedar County, Nebraska, Sheriff Larry Koranda reported no major problems with this week's storm.

"The amount of snowfall varies around the county. Laurel had a couple inches. Hartington maybe had three or four," he said.

"Roads were not an issue as the state (Department of Roads) was out early and cleared the roads. It was just normal winter driving early on. There were no school late starts, and it was treated as an early spring snowstorm."

Cedar County Emergency Manager Kevin Garvin reported little activity outside of a car that slid in the ditch.

"I heard of the 8-inch snowfall in Fordyce," he said. "I know Harington seems to have gotten more snow than Coleridge and Laurel did, from my travels thus far (Thursday)."

### COMING TOGETHER

Gumbs described the storm as a convergence of major weather patterns at the same time.

"We had a weak thunderstorm south of (Sioux Falls). Thundersnow went through Yankton and north of Sioux City," he said. "Most of it has to do with the instability (in the atmosphere). It was warmer to the south of us and actually could have been the transition from rain to snow near Sioux City."

The tri-state storm may have been fed from the backside of a rain pattern in the Des Moines area, Gumbs added.

A strong front rolled along the South Dakota-Nebraska state line, he said.

"We had some reports of 7.5 inches just south of Yankton, but also 6 inches closer to Vermillion," he said. "There was a very narrow, intense band of snow in the southern part of our forecast area. As the snow band gets tighter, it produces quite a bit of snow. That's where you get the highest amounts."

As a sign of the narrow band, 6.2 inches was reported east of Bloomfield, Nebraska, and 4.8 inches southeast of the town.

Elsewhere in northeast Nebraska, 4.3 inches was recorded south of Verdel, 4 inches near Newcastle and Creighton and 2.3 inches northwest of Ponca.

The ingredients came together for the high snow totals in particular areas, Gumbs said.

"We had a pretty strong air loft, which created a particularly heavy and intense band of precipitation," he said. "Those are usually hard to forecast."

Besides the differences in atmospheric levels, a slight pattern shift can create dramatic changes in precipitation and its location, Gumbs said.

"With this storm, you had 3 inches in Yankton," he said. "But if you went just a few miles south, you had 8 inches of snowfall. That's a pretty steep gradient."

### LOOKING AHEAD

This week's snowfall could disappear rapidly, unlike storms earlier in winter.

"Usually, as we go into March and April, it's time for snow to melt fast," he said. "You're scheduled for a high of 51 degrees (Friday)."

Snow reflects 90% of light, which makes melting more difficult during winter, Gumbs said. But with the arrival of spring, the sunlight comes at a higher, more intense angle which combines with warmer weather to melt snow.

The NWS lists the Yankton area with 50.5 inches of snowfall from November to the present, but the Sioux Falls office doesn't add in the March totals until the end of the month. Still, the 50.5 inches has tied for seventh with the winters of 2016-17 and 2017-18.

The following are the top 10 snowfall totals for Yankton prior to the current winter, according to the NWS office in Sioux Falls.

1. 2015-16 — 70.5 inches;
2. 2010-11 — 58.0 inches;
3. 2000-01 — 54.8 inches;
4. 2003-04 — 54.0 inches;
5. 2009-10 — 53.8 inches;
6. 1993-94 — 53.5 inches;
7. 2016-17 — 50.5 inches;
8. 2017-18 — 50.5 inches;
9. 1983-84 — 49.1 inches;
10. 2018-19 — 48.0 inches.

The National Drought Monitor, released Thursday, showed some improvement for the Yankton region. The report was compiled Tuesday and doesn't include the latest snowfall.

In southeast South Dakota, Charles Mix, Douglas, Hutchinson, Bon Homme, northern Yankton, Turner, Lincoln and most of Union counties are listed as abnormally dry. Yankton, Clay and southern Union counties remain in moderate drought.

In northeast Nebraska, Knox, Cedar and Dixon counties are listed in severe drought, with areas to the south are listed as the worst categories of extreme and exceptional drought.

The recent precipitation won't lift the region out of its long-term moisture deficits, Gumbs said.

"The area is still in drought," he said.

The outlook doesn't call for a stable picture in the coming days, Gumbs said.

"When we look into next week, it looks fairly quiet," he said. "We're looking at 50s on Friday, then back down to 46 for the weekend as we have a cold front moving through the area."

The outlook calls for temperatures in the mid-40s for Monday and Tuesday, with the mercury climbing into the 50s for Wednesday and Thursday.

As for precipitation, next Wednesday night brings a 30% chance of rain, while Thursday's outlook calls for a 30% chance of rain and snow.

*For more NWS information, visit online at www.weather.gov/siouxfalls for the Sioux Falls office or www.weather.gov/oax for the Omaha office.*

*Follow @RDockendorf on Twitter.*

**YOUR NEWS! THE PRESS AND DAKOTAN**

# Noem

From Page 3

According to the press release, "Last year, the Department of Agriculture and Natural Resources worked with members of the hemp industry, as well as legislators, to compromise and allow for 1% THC levels for a production in process. Research shows that 1% THC levels are the trigger for causing psychotropic effects on humans."

She noted that only two states — Colorado and New York — currently allow a product in process to contain up to 5% THC. Both of those states have legalized recreational marijuana.

"South Dakota voters spoke clearly this past November: they do not want recreational marijuana," Noem said in her letter. "If I allowed this bill to become law, it would jeopardize the clearly expressed will of the people. Increasing the THC level to 5% would hinder our successful hemp program and undermine enforcement of our drug laws."

According to KELO, supporters of the bill have said HB 1209 would help processors in the state, "while opponents — among them, the manager of her administration's industrial hemp program — said it would re-classify hemp as marijuana."

A veto override will be considered when legislators gather in Pierre Monday to consider any vetoed issued by the governor.

# Leprechaun

From Page 1

Shipwreck Bar, to name a few.

"On St. Patrick's Day, leprechauns are pretty popular," Ebnater said. "I go in and I drink. I drink Jameson; I drink Guinness. I talk to the people, and I've got my pot that says, 'Special

Backman says, 'We're going to have a St. Patrick's Day celebration at the bar next month. I'm looking for somebody that wants to be leprechaun.' I said, 'I could do that,'" Ebnater said.

He purchased his leprechaun costume online and customized a pair of shoes with a couple of old belt buckles. A pot of gold to collect donations and a shillelagh, an Irish walking stick, completed the look.

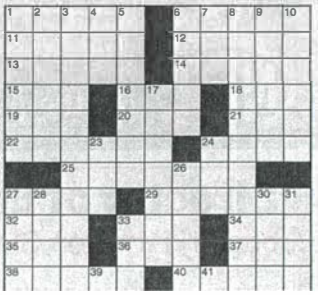
## *CROSSWORD*

**By THOMAS JOSEPH**

**ACROSS**
1 Kitchen gadget
6 Harold of "Ghostbusters"
11 Be penitent
12 Before, in Brest
13 Crucifixes
14 Best Picture of 1955
15 Squid's squirt
16 Truck part
18 Gadot of "Wonder Woman"
19 Biol. or geol.
20 First número
21 Tea cooler
22 Didn't ignore
24 Crumb carriers
25 Casablanca setting
27 Domingo song
29 Short jacket
32 Second número
33 Ornate vase
34 Yale student
35 Place to
37 Guitarist Wood
38 Pol's concern
40 "Luther" star Elba
42 Hog rider
43 Caribou's cousin
44 Appears
45 Fairy tale monsters

**DOWN**
1 Parson's domain
2 Right away
3 Beginner's blunder
4 Purpose
5 Firefighter, at times
6 Stallone role
7 Director DuVernay
8 Poll calculation
9 Unbroken
10 Fashions
17 Neighbor of Spain
23 Film noir classic
24 Trick taker, often
26 Peseta division
27 Ignores the script
28 Dorm sharer
30 Precocious Plaza resident
31 Frees of suds
33 Manual readers
39 Opal or onyx
41 Pound occupant

Yesterday's answer



Inc., 2309 W 50th Street, Sioux Falls, SD 57105. Digital Contract Documents are also available from QuestCDN and can be accessed from the Brosz Engineering website at www.broszengineering.com under the "Bid Information" page. The cost for downloaded (electronic) plans is $20. The official Plan Holders list can be viewed for the project on the QuestCDN website. Only electronic plan holders downloaded via QuestCDN will receive addendum notifications. Contractors using any other means for obtaining plans and specifications must periodically check the QuestCDN website for any addenda.

Each bid must contain a certified check, a Cashier's check or Draft, for five percent (5%) of the amount of the bid; such check to be certified or issued by either a State or National Bank and payable to Yankton School District or in lieu thereof a Bid Bond for Ten percent (10%) of the amount of this bid, such bond to be issued by a Surety authorized to do business in the State of South Dakota and payable to Yankton School District as a guarantee that such bidder will enter into a contract with Owner in accordance with the terms of such letting and bid in case such bidder is awarded the contract. The Certified Check or other guarantee or bid bond of the successful bidder will be returned forthwith upon the execution of the contract and surety hereafter provided for.

At the time the successful bidder enters into a contract for the construction of public improvement or the furnishing of any material or labor thereof, the Contractor will be required, before commencing such work, to furnish surety in an amount not less than the contract price, for the faithful performance of such contract, with additional obligation that such performance of such contractor will promptly pay all persons supplying him with labor or material in the prosecution of the work provided for in such contract. The Contractor shall also provide proof of liability insurance and workman's compensation insurance, as per Article 5 of the General Conditions.

Yankton School District 63-3 reserves the right to reject any or all bids, waive any irregularities or informalities in bidding or to accept the bid or bids which best serve the interest of Yankton School District 63-3.

Jason Bietz
Business Manager
Yankton School District 63-3
Yankton, South Dakota 57078

Published twice at the total approximate cost of $63.94 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**



ADVERTISEMENT FOR BIDS
YANKTON SCHOOL DISTRICT 63-3
YANKTON, SOUTH DAKOTA 57078

Yankton School District 63-3 will accept sealed bids for painting at Yankton Middle School until 1:30 p.m., Tuesday, April 4, 2023. Bids will be opened, read aloud by the Business Manager and witnessed by the Supervisor of Buildings & Grounds, or other designees, and tabulated in the meeting room in the Administration Building at 2410 West City Limits Road, Yankton, South Dakota at said time and presented to the school board for their consideration at the regular meeting on April 11, 2023.
Specifications and other documents may be obtained at the Yankton School District Administration Building. Inquiries may be directed to Robert Taylor, Supervisor of Buildings and Grounds at (605) 665-3980.
Bids must be accompanied by a cashier's check payable to Yankton School District in an amount equal to five percent (5%) of the total amount of the bid, or a bid bond for ten percent (10%) of the total amount of the bid. Bids shall be marked "Bid for Painting Middle School".
Yankton School District 63-3 reserves the right to reject any or all bids and to waive any irregularities or informalities therein.

Jason Bietz
Business Manager
Yankton School District 63-3

which judgment was filed with the Clerk of Courts of Yankton County, South Dakota, on January 9, 2023, in the amount of $150,005.27, for the foreclosure of a real estate mortgage.

Notice is hereby given pursuant to said judgment that the real property described in
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Lot Six (6), except the South Twelve Feet (S 12') thereof, Block Seven (7), Lower Yankton, City and County of Yankton, South Dakota, as per plat recorded in Book G, Page 6

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Dated this 22nd day of Febraury, 2023.

SHERIFF OF YANKTON COUNTY
By Preston Crissey
Name: Preston Crissey

Halliday, Watkins & Mann, P.C.

By */s/ Zachary Nesbit*
Zachary Nesbit
Attorneys for Plaintiff
376 East 400 South, Suite 300
Salt Lake City, UT 84111
Tel: 801-355-2886
Email: zach@hwmlawfirm.com

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**Published March 17 & 24, 2023.**



**NOTICE OF HEARING OF THE YANKTON COUNTY COMMISSION OF PROPOSED AMENDMENTS OF ARTICLE 4 AND RE-ADOPTION OF AMENDED ZONING MAP TO BE SUPERSEDED AND REPLACED FOR YANKTON COUNTY ORDINANCE 2020**

A public hearing will be held before the Yankton County Commission on the 4th day of April, 2023 beginning at 6:35 p.m. and the 17th day of April, 2023 beginning at 6:30 P.M. in the Commission Chambers, Yankton County, South Dakota, to consider adoption of Article 4 amendment and Re-Adopt Amended Zoning Map for Yankton County Ordinance 2020 to be superseded and replaced.

The complete text and map of this proposed amendment referred to above is on file with the Yankton County Auditor Office and Yankton County Planning Office. The document may be inspected, reviewed, or examined by any interested party by contacting (605) 260-4447.

The public is invited to attend the hearing and to present comments and testimony regarding proposed amendments and re-adoption of amended Zoning Map for Yankton County Ordinance 2020. At the conclusion of the hearing, the Yankton County Commission may adopt Yankton County Ordinance No.23-ZN-01.

Dated this 22nd day of March, 2023

ATTEST: Gary Vetter Development Services Director

Published twice at a total approximate cost of $34.56 and can be viewed free of charge at www.sd-publicnotices.com

**Published March 24 & 31, 2023.**

**Published March 24 & 31, 2023.**

Zoning Administrator
321 W. 3rd St. #209
Yankton, SD 57078
605-260-4445

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March 8, 2023

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**All applications must be received by 5:00 p.m., Monday, March 27, 2023.**

For more infortnation, contact Yankton County Planning & Zoning Department at 605-260-4445.

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# Noem

From Page 3

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# Leprechaun

From Page 1

Shipwreck Bar, to name a few.

"On St. Patrick's Day, leprechauns are pretty popular," Ebnater said. "I go in and I drink. I drink Jameson; I drink Guinness. I talk to the people, and I've got my pot that says, 'Special Olympics' on it, and I tell them I'm raising money for Special Olympics."

Revelers are always eager to get a photo with the leprechaun or buy him a drink, he said, noting that he can only drink so much and has even hired a driver for these special days.

"I tell them, 'Instead of you buying me a $3 or $4 drink, why don't you just give me $3 or $4 in my bucket for a donation?'" Ebnater said. "Or 'You want a picture? A picture ought to be worth the price of a drink.'"

Hugs are worth $3 at least, he added.

"If there's a band, I dance. All the girls want to dance with a leprechaun and they make a donation," Ebnater said. "That's how I do it."

The opportunity to become a leprechaun each St. Patrick's Day came in the year after the death of Ebnater's wife, who passed away one Valentine's Day.

"In 2007, I'm sitting in the Cottonwood drinking on Valentine's Day and (co-owner) Penny Backman says, 'We're going to have a St. Patrick's Day celebration at the bar next month. I'm looking for somebody that wants to be leprechaun.' I said, 'I could do that,'" Ebnater said.

He purchased his leprechaun costume online and customized a pair of shoes with a couple of old belt buckles. A pot of gold to collect donations and a shillelagh, an Irish walking stick, completed the look.

"A group from the VFW Ladies Auxiliary went out every St. Patrick's Day to the different places and they found out about me and asked if I'd go with them," he said. "They were running a raffle and they would give a couple of thousand dollars a year to Special Olympics."

When the group stopped having the event, Ebnater continued on his own each St. Patrick's Day, giving his collection directly to YSO, he said, noting that he has probably collected more than $10,000 in that time.

Now, coming off his biggest year of collections, Ebnater is grateful to everyone who supported his holiday efforts to raise funds for Special Olympics.

"I would like to say thank you to all the patrons of the establishments in Yankton that I was in on St. Patrick's Day or St. Patrick's Day weekend for their generosity to give to Yankton Special Olympics," he said. "And next year, I'm going to try raising more than $4,000."

varies around the county. Laurel had a couple inches. Hartington maybe had three or four," he said.

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listed as the worst categories of extreme and exceptional drought.

The recent precipitation won't lift the region out of its long-term moisture deficits, Gumbs said.

"The area is still in drought," he said.

The outlook doesn't call for a stable picture in the coming days, Gumbs said.

"When we look into next week, it looks fairly quiet," he said. "We're looking at 50s on Friday, then back down to 40 for the weekend as we have a cold front moving through the area."

The outlook calls for temperatures in the mid-40s for Monday and Tuesday, with the mercury climbing into the 50s for Wednesday and Thursday.

As for precipitation, next Wednesday night brings a 30% chance of rain, while Thursday's outlook calls for a 30% chance of rain and snow.

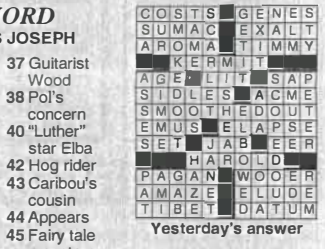
*For more NWS information, visit online at www.weather.gov/siouxfalls for the Sioux Falls office or www.weather.gov/oax for the Omaha office.*

*Follow @RDockendorf on Twitter.*

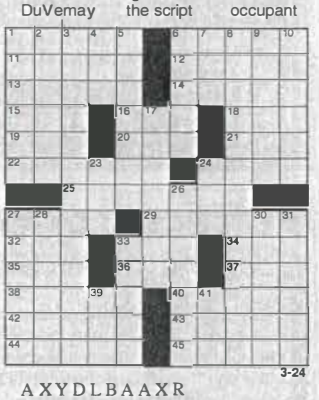
## *CROSSWORD*
**By THOMAS JOSEPH**

**ACROSS**
1 Kitchen gadget
6 Harold of "Ghostbusters"
11 Be penitent
12 Before, in Brest
13 Crucifixes
14 Best Picture of 1955
15 Squid's squirt
16 Truck part
18 Gadot of "Wonder Woman"
19 Biol. or geol.
20 First número
21 Tea cooler
22 Didn't ignore
24 Crumb carriers
25 Casablanca setting
27 Domingo song
29 Short jacket
32 Second número
33 Ornate vase
34 Yale student
35 Place to park
36 Plunked down
37 Guitarist Wood
38 Pol's concern
40 "Luther" star Elba
42 Hog rider
43 Caribou's cousin
44 Appears
45 Fairy tale monsters

**DOWN**
1 Parson's domain
2 Right away
3 Beginner's blunder
4 Purpose
5 Firefighter, at times
6 Stallone role
7 Director DuVernay
8 Poll calculation
9 Unbroken
10 Fashions
17 Neighborhood of Spain
23 Film noir classic
24 Trick taker, often
26 Peseta division
27 Ignores the script
28 Dorm sharer
30 Precocious Plaza resident
31 Frees of suds
33 Manual readers
39 Opal or onyx
41 Pound occupant




**Yesterday's answer**



3-24

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

**3-24 CRYPTOQUOTE**

SGY SKYYV XCHH SYHH SGYCK VYQKYSV SP SGPVY SGNS SWTY CT. — VSYDYT LNBYY

**Yesterday's Cryptoquote:** DON'T WAIT FOR SOMEONE TO BRING YOU FLOWERS. PLANT YOUR OWN GARDEN AND DECORATE YOUR OWN SOUL. — LUTHER BURBANK

# ARTICLE 4

# OFFICIAL ZONING MAP AND BOUNDARY INTERPRETATION

Section 401 General

The County is hereby divided into zones, or districts, as shown on the Official Zoning Map, which, together with all explanatory matter thereon, is hereby adopted by reference and declared to be a part of this Ordinance. The Official Zoning Map shall be identified by the signature of the Chairman of the County Commissioners, attested by the Auditor, and bearing the seal of the County, under the following words: "This is to certify that this is the Official Zoning Map referred to in Section 401 of Ordinance ~~No. 16~~ 2020 of "Yankton County, South Dakota," together with the date of the adoption of this Ordinance.

Section 403 Zoning Map Changes

If, in accordance with the provisions of this Ordinance, changes are made in the district boundaries or other matter portrayed on the Official Zoning Map, such changes shall be entered on the Official Zoning Map promptly after the amendment has been approved by the County Commissioners, with an entry on the Official Zoning Map as follows: "on [date], by official action of the Yankton County Commission, the following [change] changes were made in the Official Zoning Map: [brief description of nature of change]," which entry shall be signed by the Chairman of the Commission and attested by the Auditor. No amendment to this Ordinance which involves matters portrayed on the Official Zoning Map shall become effective until after such change and entry has been made on said map.

No changes of any nature shall be made in the Official Zoning Map or matters shown thereon except in conformity with the procedures set forth in this Ordinance.

Any unauthorized change of whatever kind by any person or persons shall be considered a violation of this Ordinance and punishable as provided under Section 2303.

Regardless of the existence of purported copies of the Official Zoning Map which may, from time to time, be made or published, the Official Zoning Map which shall be located in the office of the Zoning Administrator shall be the final authority as to the current zoning status of land and water areas, buildings, and other structures in the County.

Section 405 Zoning Map Replacement

In the event that the Official Zoning Map becomes damaged, destroyed, lost or difficult to interpret because of the nature or number of changes and additions, the Yankton County Commission may, by resolution, adopt a new Official Zoning Map,

which shall supersede the prior Official Zoning Map.

The new Official Zoning Map may correct drafting or other errors or omissions in the prior Official Zoning Map, but no such correction shall have the effect of amending the original Official Zoning Map or any subsequent amendment thereof.

The new Official Zoning Map shall be identified by the signature of the Chairman of the County Commission, attested by the Auditor, and bearing the seal of the County, under the following words:

> "This is to certify that this Official Zoning Map supersedes and replaces the Official Zoning Map adopted [date of adoption of map being replaced] as part of Ordinance ~~No. 16~~ 2020 of "Yankton County, South Dakota."

Unless the prior Official Zoning Map has been lost, or has been totally destroyed, the prior map or any significant parts thereof remaining shall be preserved, together with all available records pertaining to its adoption or amendment.

Section 407 Rules for Interpretation of District Boundaries

Where uncertainty exists as to the boundaries of districts as shown on the Official Zoning Map, the following rules shall apply:

1. Boundaries indicated, as approximately following the centerlines of right-of-ways, roads, highways, or alleys shall be construed to follow such centerlines;

2. Boundaries indicated as approximately following platted lot lines shall be construed as following such lot lines;

3. Boundaries indicated, as approximately following city limits shall be construed as following such city limits;

4. Boundaries indicated, as following railroad lines shall be construed to be midway between the main tracks;

5. Boundaries indicated as following shore lines shall be construed to follow such shore lines, and in the event of change in the shore line shall be construed as moving with the actual shore line; boundaries indicated as approximately following the center line of streams, rivers, canals, lakes, or other bodies of water shall be construed to follow such center lines;

6. Boundaries indicated as parallel to or extensions of features indicated in subsections 1 through 5 above shall be so construed. The scale of the map shall determine distances not specifically indicated on the Official Zoning Map; and

Where physical or cultural features existing on the ground are at variance with those shown on the Official Zoning Map, or in other circumstances not covered by subsections 1 through 6 above, the Planning Commission shall interpret the district

boundaries.

# YANKTON COUNTY

## Official Zoning Map

PLANNING & DEVELOPMENT DISTRICT III GIS

Updated 1/13/2023

**Legend**

- RAILROAD
- STREAM
- US & STATE HIGHWAY
- ROAD
- CITY LIMIT
- TOWNSHIP
- PARCEL
- LAKE

**ZONING CLASSIFICATIONS**

- AGRICULTURE
- COMMERCIAL
- ETJ
- LAKE SIDE COMMERCIAL
- HIGH DENSITY RESIDENTIAL
- LOW DENSITY RESIDENTIAL
- MODERATE DENSITY RESIDENTIAL
- PUBLIC
- PLANNED UNIT DEVELOPMENT
- RURAL TRANSITIONAL

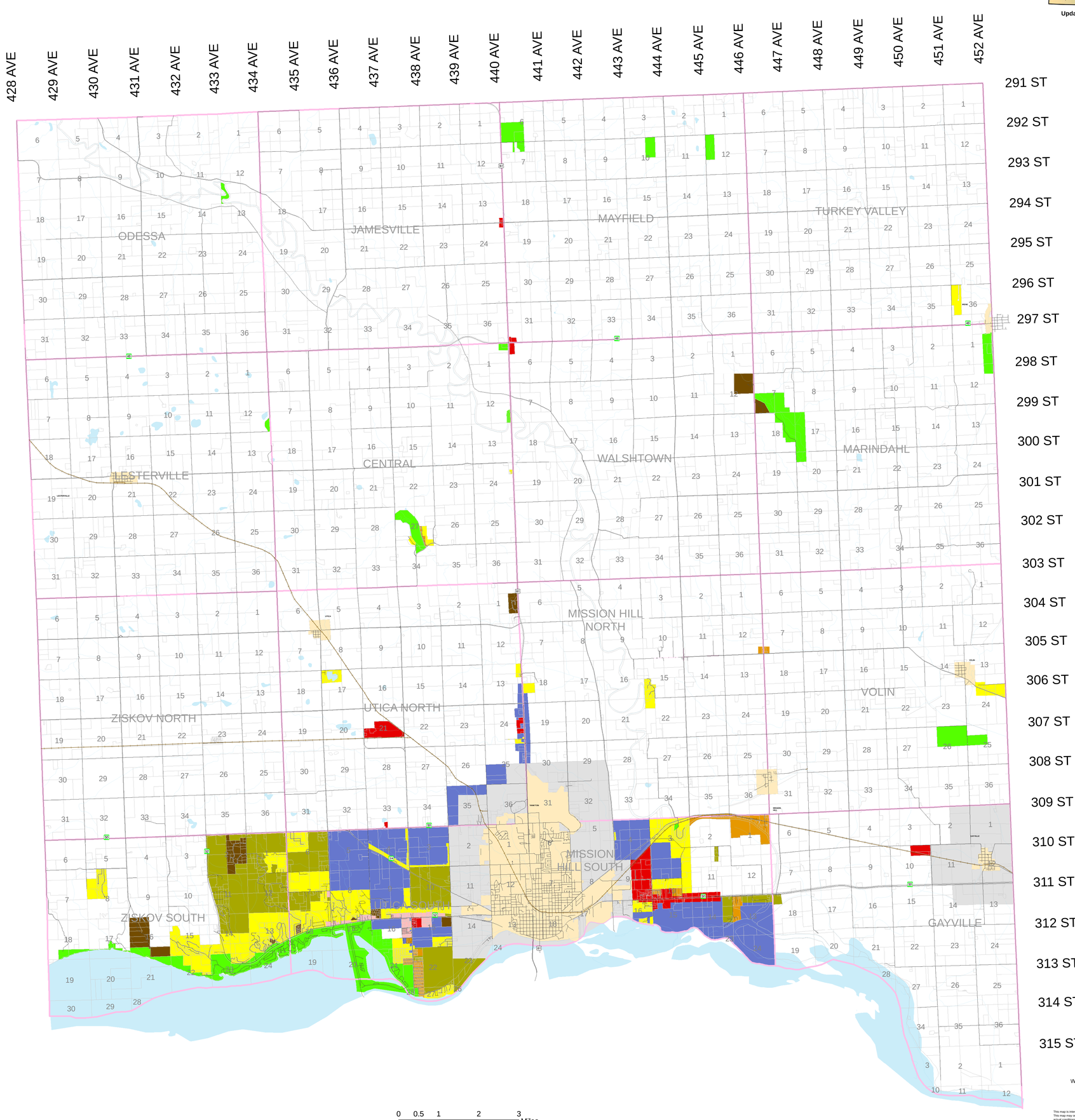
This is to certify that this Official Zoning Map 2020 referred to in Section 401, adopted __-__-2023, supersedes and replaces the Official Zoning Map 2020 adopted February 18, 2020 as part of Ordinance 2020 of Yankton County, South Dakota.

Don Kettering
Chair

Patty Hojem
Auditor

## NEW ZONING DISTRICTS

| DATE | PARCEL | REZONE |
|---|---|---|
| 3/5/08 | 05.004.200.200 | RT to C |
| 2/10/09 | 09.015.100.140 | RT to PUD |
| 10/22/10 | 04.036.400.025 | AG to R2 |
| 3/25/11 | 09.018.400.303, 09.007.300.310 | R1 to R2 |
| 8/15/12 | 10.001.200.040 | PUD to AG |
| 8/20/12 | 10.001.200.100, 10.001.200.110 | PUD to AG |
| 7/12/13 | 05.010.300.360 | R3 to C |
| 10/25/13 | 09.016.200.100 | RT to LC |
| 3/4/14 | 10.021.150.100 | AG to C |
| 6/2/15 | 05.010.300.313 | R3 to C |
| 7/7/15 | 05.010.300.320 | C/R3 to C |
| 7/7/15 | 05.010.300.317 | R3 to C |
| 7/7/15 | 05.010.300.316 | R3 to C |
| 9/1/15 | 06.021.200.100 | PU to AG |
| 4/5/16 | 06.021.200.100 | PU to AG |
| 5/3/16 | 11.027.200.140 | R2 to AG |
| 6/7/16 | 05.013.400.460, 05.013.400.470 | R2, R3, RT to R3 |
| 8/7/18 | 13.016.400.600, 13.016.300.100, 13.016.200.200 | AG to PUD |
| 11/19/20 | 13.001.500.650 | R2 to R1 |
| 11/19/20 | 10.024.200.110 | RT to C |
| 11/19/20 | 10.024.200.120 | RT to C |
| 2/18/21 | 09.017.450.030 | LC/R2 to R2 |
| 2/18/21 | 09.017.450.010 | LC/R2 to R2 |
| 5/20/21 | 05.016.100.250 | RT to R2 |
| 5/20/21 | 05.016.100.255 | RT to R2 |
| 5/20/21 | 05.016.100.265 | RT to R2 |
| 5/20/21 | 05.016.100.270 | RT to R2 |
| 5/20/21 | 05.016.100.275 | RT to R2 |
| 5/20/21 | 05.016.100.280 | RT to R2 |
| 1/6/2022 | 09.017.100.310 | R2 to PUD |
| 3/10/2022 | 10.033.300.100 | Ag to C - replat |
| 4/14/2022 | 09.016.200.400 | RT to AG |
| 4/14/2022 | 10.024.200.210 | RT to R2 |
| 4/14/2022 | 10.024.200.220 | RT to R2 |
| 4/14/2022 | 10.024.200.300 | RT to R2 |
| 4/14/2022 | 10.024.200.304 | RT to R2 |
| 4/14/2022 | 10.024.200.120 | RT to C |
| 4/14/2022 | 06.018.300.300 | RT to R2 |
| 4/14/2022 | 09.009.200.175 | RT to R2 |
| 4/14/2022 | 09.009.200.150 | RT to R2 |
| 4/14/2022 | 09.016.150.100 | RT to R2 |
| 4/14/2022 | 09.009.200.202 | RT to R2 |
| 8/18/2022 | 10.024.100.210 | RT to C |
| 8/18/2022 | 10.024.100.215 | RT to C |
| 9/15/2022 | 13.014.300.600 | R2 to AG |
| 9/15/2022 | 13.015.200.010 | R2 to AG |
| 11/17/2022 | east River | RT to R2 |
| 11/17/2022 | East River | R1 to R2 |

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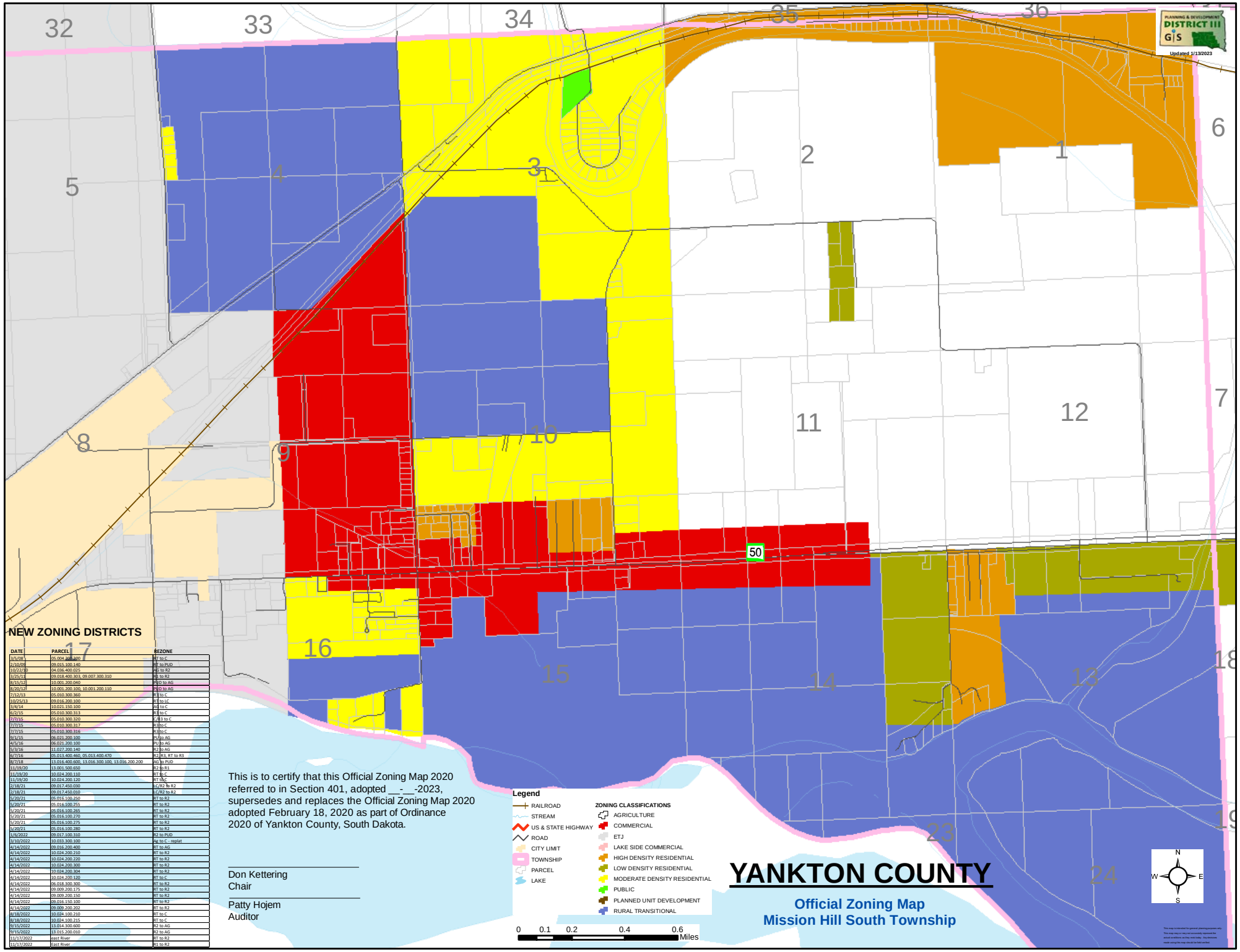
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PLANNING & DEVELOPMENT DISTRICT III GIS
Updated 1/13/2023
NEW ZONING DISTRICTS
DATE | PARCEL | REZONE
3/5/08 | 05.004.200.200 | RT to C
2/10/09 | 09.015.100.140 | RT to PUD
10/22/09 | 04.036.400.025 | AG to R2
3/25/13 | 09.018.400.303, 09.007.300.310 | R1 to R2
8/15/12 | 10.001.200.040 | PUD to AG
8/20/12 | 10.001.200.100, 10.001.200.110 | PUD to AG
7/12/13 | 05.010.300.360 | R3 to C
10/25/13 | 09.016.200.100 | RT to LC
3/4/14 | 10.021.150.100 | AG to C
6/2/15 | 05.010.300.313 | R3 to C
7/7/15 | 05.010.300.320 | C/R3 to C
7/7/15 | 05.010.300.317 | R3 to C
7/7/15 | 05.010.300.316 | R3 to C
9/1/15 | 06.021.200.100 | PUD to AG
4/5/16 | 06.021.200.100 | PUD to AG
5/3/16 | 11.027.200.140 | R2 to AG
6/7/16 | 05.013.400.460, 05.013.400.470 | R2,R3, RT to R3
8/7/18 | 13.016.400.600, 13.016.300.100, 13.016.200.200 | AG to PUD
11/19/20 | 13.001.500.650 | R2 to R1
11/19/20 | 10.024.200.110 | RT to C
11/19/20 | 10.024.200.120 | RT to C
2/18/21 | 09.017.450.030 | LC/R2 to R2
2/18/21 | 09.017.450.010 | LC/R2 to R2
5/20/21 | 05.016.100.250 | RT to R2
5/20/21 | 05.016.100.255 | RT to R2
5/20/21 | 05.016.100.265 | RT to R2
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5/20/21 | 05.016.100.275 | RT to R2
5/20/21 | 05.016.100.280 | RT to R2
1/6/2022 | 09.017.100.310 | R2 to PUD
3/10/2022 | 10.033.300.100 | Ag to C - replat
4/14/2022 | 09.016.200.400 | RT to AG
4/14/2022 | 10.024.200.210 | RT to R2
4/14/2022 | 10.024.200.220 | RT to R2
4/14/2022 | 10.024.200.300 | RT to R2
4/14/2022 | 10.024.200.304 | RT to R2
4/14/2022 | 10.024.200.120 | RT to C
4/14/2022 | 06.018.300.300 | RT to R2
4/14/2022 | 09.009.200.175 | RT to R2
4/14/2022 | 09.009.200.150 | RT to R2
4/14/2022 | 09.016.150.100 | RT to R2
4/14/2022 | 09.009.200.202 | RT to R2
8/18/2022 | 10.024.100.210 | RT to C
8/18/2022 | 10.024.100.215 | RT to C
9/15/2022 | 13.014.300.600 | R2 to AG
9/15/2022 | 13.015.200.010 | R2 to AG
11/17/2022 | east River | RT to R2
11/17/2022 | East River | R1 to R2
This is to certify that this Official Zoning Map 2020 referred to in Section 401, adopted __-__-2023, supersedes and replaces the Official Zoning Map 2020 adopted February 18, 2020 as part of Ordinance 2020 of Yankton County, South Dakota.
Don Kettering
Chair
Patty Hojem
Auditor
Legend
RAILROAD
STREAM
US & STATE HIGHWAY
ROAD
CITY LIMIT
TOWNSHIP
PARCEL
LAKE
ZONING CLASSIFICATIONS
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MODERATE DENSITY RESIDENTIAL
PUBLIC
PLANNED UNIT DEVELOPMENT
RURAL TRANSITIONAL
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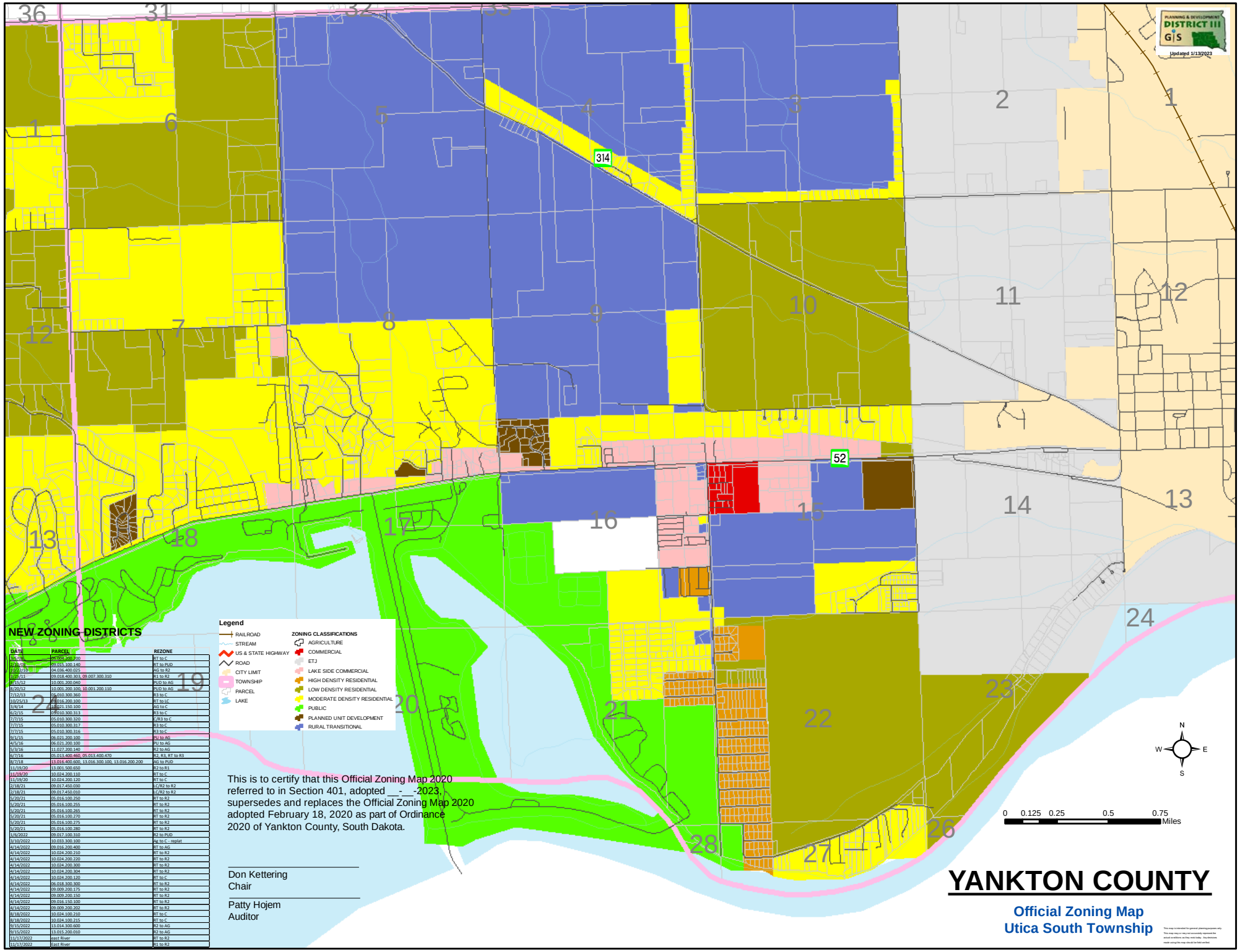
YANKTON COUNTY
Official Zoning Map
Mission Hill South Township




## NEW ZONING DISTRICTS

| DATE | PARCEL | REZONE |
|---|---|---|
| 1/6/98 | 05.004.200.200 | RT to C |
| 2/16/99 | 05.015.100.140 | RT to PUD |
| 10/22/19 | 04.036.400.025 | AG to R2 |
| 1/25/11 | 09.018.400.301, 09.007.300.310 | R1 to R2 |
| 8/15/12 | 10.001.200.040 | PUD to AG |
| 8/20/12 | 10.001.200.100, 10.001.200.110 | PUD to AG |
| 7/12/13 | 05.010.300.360 | R3 to C |
| 10/25/13 | 05.016.200.100 | RT to LC |
| 3/4/14 | 04.027.150.100 | AG to C |
| 6/2/15 | 05.010.300.313 | R3 to C |
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| 7/7/15 | 05.010.300.317 | R3 to C |
| 7/7/15 | 05.010.300.316 | R3 to C |
| 9/1/15 | 06.021.200.100 | PU to AG |
| 4/5/16 | 06.021.200.100 | PU to AG |
| 5/3/16 | 11.027.200.140 | R2 to AG |
| 6/7/16 | 05.013.400.460, 05.013.400.470 | R2, R3, RT to R3 |
| 8/7/18 | 13.016.400.600, 13.016.300.100, 13.016.200.200 | AG to PUD |
| 11/19/20 | 13.001.500.650 | R2 to R1 |
| 11/19/20 | 10.024.200.110 | RT to C |
| 11/19/20 | 10.024.200.120 | RT to C |
| 2/18/21 | 09.017.450.030 | LC/R2 to R2 |
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| 5/20/21 | 05.016.100.250 | RT to R2 |
| 5/20/21 | 05.016.100.255 | RT to R2 |
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| 5/20/21 | 05.016.100.270 | RT to R2 |
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| 5/20/21 | 05.016.100.280 | RT to R2 |
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| 4/14/2022 | 09.016.200.400 | RT to AG |
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| 4/14/2022 | 09.009.200.150 | RT to R2 |
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| 8/18/2022 | 10.024.100.215 | RT to C |
| 9/15/2022 | 13.014.300.600 | R2 to AG |
| 9/15/2022 | 13.015.200.010 | R2 to AG |
| 11/17/2022 | east River | RT to R2 |
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Don Kettering
Chair

Patty Hojem
Auditor

# YANKTON COUNTY

## Official Zoning Map
## Utica South Township

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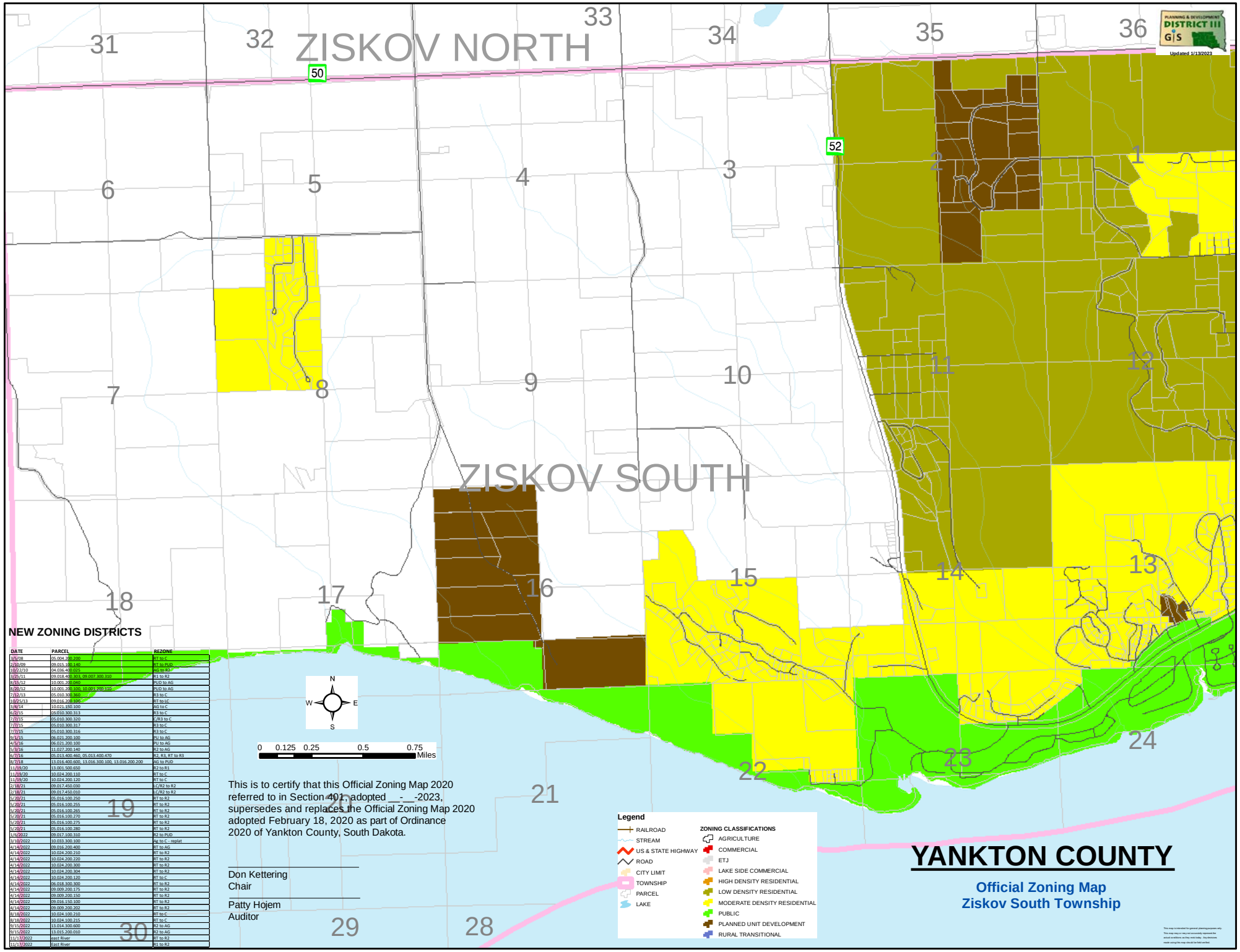


## NEW ZONING DISTRICTS

| DATE | PARCEL | REZONE |
|---|---|---|
| 3/5/08 | 05.004.200.200 | RT to C |
| 2/10/09 | 09.015.100.140 | RT to PUD |
| 10/12/10 | 04.036.400.025 | AG to RD |
| 3/25/11 | 09.018.400.303, 09.007.300.310 | R1 to R2 |
| 8/15/12 | 10.001.200.040 | PUD to AG |
| 8/20/12 | 10.001.200.100, 10.001.200.310 | PUD to AG |
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| 4/14/2022 | 10.024.200.300 | RT to R2 |
| 4/14/2022 | 10.024.200.304 | RT to R2 |
| 4/14/2022 | 10.024.200.120 | RT to C |
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| 4/14/2022 | 09.009.200.150 | RT to R2 |
| 4/14/2022 | 09.016.150.100 | RT to R2 |
| 4/14/2022 | 09.009.200.202 | RT to R2 |
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| 8/18/2022 | 10.024.100.215 | RT to C |
| 9/15/2022 | 13.014.300.600 | R2 to AG |
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Don Kettering
Chair

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Auditor

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- LAKE SIDE COMMERCIAL
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- RURAL TRANSITIONAL

# YANKTON COUNTY

**Official Zoning Map**
**Ziskov South Township**