

Tentative Agenda for the WAVERLY CITY COUNCIL MEETING to be held on October 8, 2024 at 6:00 PM. This meeting will be held at the Waverly City Office Building, 14130 Lancashire, Waverly, NE 68462. A current Agenda shall be readily available for public inspection at the office of the City Clerk during normal business hours.

1. **Call to Order**
 - 1.a) Roll Call
 - 1.b) Pledge of Allegiance
 - 1.c) Acknowledgement of the "Open Meetings Act" poster that is posted by the south entrance.
 - 1.d) Adoption of Agenda
 - 1.e) Approval of the Consent Agenda Items*

All items listed with an asterisk (*) are considered to be routine by the City Council and will be approved by one motion. There will be no separate discussion of these items unless a Council Member or a Citizen so requests, in which event the item will be removed from the Consent Agenda status and considered in its normal sequence on the Agenda.
 - 1.f) Proclamations and Presentations
2. **Public Hearings**
3. **Sheriff's Report**
4. **Public Comments**
5. **Approval of Minutes**
 - 5.a) *Minutes of the September 24, 2024 City Council Meeting
 - 5.b) *Minutes of the September 24, 2024 Budget Hearing
6. **Consideration of Claims and Financial Reports**
 - 6.a) Claims for payment
 - 6.b) Treasurer's Report and Budget & Expense Report
7. **Introduction of Resolutions**
 - 7.a) *Consideration of Resolution 24-23 approving additional volunteer fire/rescue department member(s)
 - 7.b) Consideration of Resolution 24-24 authorizing temporary street closures for Waverly Fire/Rescue parade on Sunday, December 8, 2024.
8. **Introduction of Ordinances**
9. **Introduction of Business and Communications**
 - 9.a) Update on Wells and Water Levels.
 - 9.b) Consideration of a bid for 5 Thern Davit cranes and electric winches from HTM Sales in an amount not to exceed \$28,400.00 plus applicable shipping charges.
 - 9.c) Consideration of a bid from Layne Christensen Company for Well #10 repair and maintenance in an amount not to exceed \$11,130.00.
 - 9.d) Consideration of modifications to Verizon Wireless equipment on the water tower and authorizing the Mayor to sign.
 - 9.e) *Ratification of Resolution 24-18 adopted at September 24, 2024, meeting and correction of typographical error to correctly reflect property tax request for 2024-2025.
10. **Committee Reports**
 - 10.a) Human Services (Park & Recreation): Council Member Jespersen

- 10.b) Public Works (Utilities & Street): Council Member Nielson
- 10.c) Public Health (Fire & Safety): Council Member Pascoe
- 10.d) Fiscal and Economic Development: Council Member Hummel
- 10.e) City Administrator Fisher

11. Adjournment

The Governing Body reserves the right to go into Executive Session at any time for the reasons outlined in State Statute 84-1410.

The following rules are established for audience members and participants at a Council meeting:

- (1) Any person wishing to address the Council shall first state their name and address.
- (2) Public comments are for non-agenda items only.
- (3) Remarks shall be limited to five (5) minutes.

MINUTES OF A WAVERLY CITY COUNCIL MEETING HELD ON SEPTEMBER 24, 2024

CALL TO ORDER

Mayor Bill Gerdes called the meeting to order at 6:29 p.m. and led those in attendance in reciting the Pledge of Allegiance. Gerdes acknowledged the Open Meetings Act Poster located on the south wall of the Council Chambers. Mayor Bill Gerdes and Council Members Abbey Pascoe, Aaron Hummel, and Dave Nielson were in attendance. Council Member David Jespersen was absent. Other City Officials present were City Administrator Stephanie Fisher, City Attorney Mark Fahleson, City Clerk Megan Frye, and Building Inspector/Zoning Administrator Mike Palm. Others present were Reid Dalton, Ryan Dalton, Jeff Etheridge, Sonny Fankhauser, Allison Stark, Elijah Kaufman, Anna Crist, and Lancaster County Sheriff Deputy Jason Brownell. Notice of the Meeting and Agenda were given to the Mayor and all Members of the City Council prior to the Meeting. Notice of the Meeting was posted at Russ's Market Express, the US Post Office, the City Office, and the City website (citywaverly.com).

ADOPTION OF AGENDA

Council Member Pascoe moved to adopt the Agenda as presented. Council Member Nielson seconded the motion.

The following Council Members voted "YEA": Pascoe, Nielson, and Hummel. The following Council Members voted "NAY": None. Motion carried. 3-0.

CONSENT AGENDA

Mayor's Proclamation to designate the week of October 6-12, 2024 as Fire Prevention Week.

Minutes of the September 10, 2024 City Council Meeting.

Consideration of Resolution 24-20 authorizing the Signing of the Municipal Annual Certification of Program Compliance 2024.

Consideration of Resolution 24-22 to authorize membership in the League Insurance Government Health Team (LiGHT).

Consideration of an Interlocal Agreement with League Insurance Government Health Team (LiGHT) and the LiGHT Member Health Plan for health insurance coverage.

Consideration of League Insurance Government Health Team (LiGHT) Membership Agreement for employee health insurance and authorize the mayor to sign.

Consideration of Change Order No. 3 from JEO Consulting Group for the Eastbourne St./N 147th St./N 143 to Castlewood St. Water Main Project performed by K2 Construction.

Consideration of Pay Certificate #2/Final, also known as Claims Group B, to Rieschick Drilling Co. for work performed on the Well 7 Rehabilitation in an amount not to exceed \$131,671.01 and authorize the Mayor to sign.

Consideration of Annual Renewal License and Services Agreement with Filament Essential Services for website services, agreeing to a 3-year term with an annual fee of \$3,050.00.

Council Member Pascoe moved to approve the Consent Agenda. Council Member Nielson seconded the motion.

The following Council Members voted "YEA": Nielson, Hummel, and Pascoe. The following Council Members voted "NAY": None. Motion carried. 3-0.

PROCLATIONS AND PRESENTATIONS

Presentation of Waverly's Floodplain Community Rating System (CRS) Plaque

Nebraska Department of Natural Resources representatives Elijah Kaufman and Anna Crist presented the Community Rating System Plaque to the City of Waverly, accepted by Building Inspector/Zoning Administrator Mike Palm. Kaufman advised purchasing flood insurance is a mandatory purchase for anyone securing federal monies in the floodplain, such as a federally backed mortgage loan. Communities that participate in the CRS have provided evidence to FEMA that they are providing more safety

measures than what is required at the national level. In return, FEMA provided these communities with discounts on flood insurance rates if they choose to join the program. Kaufman commended Waverly's commitment to the National Flood Insurance Program promoting public safety and awareness of flood hazards, presenting the award to Building Inspector/Zoning Administrator Palm. Council Members thanked Palm who sought to join the program.

Mayor's Proclamation to designate the week of October 6-12, 2024 as Fire Prevention Week

Consent Agenda.

Mayor Gerdes read the proclamation.

FIRE PREVENTION WEEK PROCLAMATION

To designate the Week of October 6 – 12, 2024, as Fire Prevention Week

WHEREAS, the City of Waverly is committed to ensuring the safety and security of all those living in and visiting our city; and

WHEREAS, fire is a serious public safety concern both locally and nationally, and homes are the locations where people are at greatest risk from fire; and

WHEREAS, the City of Waverly's first responders are dedicated to reducing the occurrence of home fires and home fire injuries through prevention and protection education; and

WHEREAS, Waverly's residents are responsive to public education measures and are able to take personal steps to increase their safety from fire; and

WHEREAS, residents who have planned and practiced a home fire escape plan are more prepared and will therefore be more likely to survive a fire; and

WHEREAS, the 2024 Fire Prevention Week theme, "Smoke Alarms: Make Them Work for You!", effectively serves as a reminder to educate your community about the importance of having working smoke alarms in the home.

NOW, THEREFORE, I, William D. Gerdes, Mayor of the City of Waverly, do hereby proclaim October 6– 12, 2024 as Fire Prevention Week throughout Waverly, and I urge all the people of Waverly to heed the important safety messages of Fire Prevention Week 2024, and to support the many public safety activities and efforts of Waverly's fire and emergency services.

IN WITNESS WHEREOF, I have set my hand and caused the official Seal of the City of Waverly to be affixed this 24th day of September, 2024.

PUBLIC HEARINGS

Public Hearing: One (1) and Six (6) Year Highway and Street Improvement Program for the City of Waverly, Nebraska.

Public Hearing opened at 6:37 p.m.

City Administrator Fisher shared the one year street projects including Oldfield Street construction, Cannongate Road construction, and streets in the new development planned near N 148th Street and Highway 6, which will be paid for by the developer.

Public Hearing closed at 6:39 p.m.

SHERIFF'S REPORT

Deputy Brownell reported on the recent rendering truck spill on Highway 6, causing an odor in the air. Brownell reported on an influx of ATV/UTV incidents and LSO sent 3 certified traffic experts to a special school in Iowa for ATV/UTV education. The vehicles are turning more car-like and they need to follow the rules of the road including having lights on at all times if equipped. In recent weeks, there was one fatal accident in Lancaster County, and most incidents are after dark and involve alcohol. Brownell shared the seriousness of DWI crimes and the importance of vehicle safety.

PUBLIC COMMENTS

None.

APPROVAL OF MINUTES

Minutes of the September 10, 2024 City Council Meeting.

Consent Agenda.

CONSIDERATION OF CLAIMS AND FINANCIAL REPORTS

Claims for Payment

Claims for Payment: September 11th - 24th, 2024		
Group A		
Vendor	Description	Amount
ADP Fees	Payroll Fees	\$ 143.79
ADP Payroll	Payroll	\$ 37,015.56
Anderson Auto Group	Supplies	\$ 45.92
Badger Body & Truck Equipment	Supplies	\$ 361.00
Barco Municipal Products Inc.	Pedestrian crossing sign	\$ 314.43
Blue Cross Blue Shield NE	Health Insurance-September	\$ 19,226.35
Blue Cross Blue Shield NE	Health Insurance-October	\$ 19,226.35
Carquest Auto Parts	Washer fluid	\$ 8.98
Continental Fire Sprinkler Co.	Annual fire inspection/backflow	\$ 245.00
Core & Main	Meter & Readout Purchase	\$ 856.00
Danko Emergency Equipment Co.	Mobile gear racks	\$ 8,968.40
DataVizion, LLC	New computers	\$ 8,633.50
Consolidated Elect. Distributor	Programming new VFD's	\$ 1,500.00
Faughn Electric	Repairs	\$ 194.50
Frontier	Ruby Fieldmaster, Turfsaver	\$ 524.90
Hawkins, Inc.	Supplies	\$ 2,364.83
Heartland Communications	Phone system install & test	\$ 1,050.00
Hometown Leasing	FD Copier	\$ 71.48
Huffman Engineering, Inc.	Well #7, spare SCADA parts	\$ 15,232.53
JEO Consulting Group, Inc.	Water Main Construction-Eastbourne, 2024 Buildings Study, Water & Sewer Rate Study	\$ 22,511.25
John Catsinas	WFR-Personal Vehicle Reimbursement & Member Stipends	\$ 530.00
John Hancock USA	Retirement	\$ 2,851.46
K & J Elite Sports Turf	Lawson-SB Field 5 Addition	\$ 10,340.00
K2 Construction	Eastbourne Water Main Project	\$ 105,217.86
Kevin LaPage	Repairs	\$ 315.00
Kriha Fluid Power Co., Inc.	Hose assy w/fittings	\$ 148.89
Larry Fichtner	WFR-Personal Vehicle Reimbursement & Member Stipends	\$ 450.00

Life-Assist, Inc.	Medical Supplies	\$ 304.00
Lincoln Electric System	Electricity	\$ 58.78
Lincoln Parks & Recreation	Swim Team League Fees	\$ 1,785.00
MacQueen Emergency	FD Supplies	\$ 250.35
Menards-Lincoln North	Supplies	\$ 84.90
Nadia Koval	Cleaning Service	\$ 399.30
Nebraska Landscape Solutions	Fertilizer	\$ 2,207.99
NE Public Health Environ. Lab	Lab Fees	\$ 894.00
Odey's Inc.	Supplies	\$ 121.00
Olsson	Well #7 Rehabilitation	\$ 3,593.75
Patrick Peterman	WFR-Personal Vehicle Reimbursement & Member Stipends	\$ 525.00
Pavers LLC	Hot mix asphalt	\$ 1,322.40
Production Creek Specialty Adv	Employee clothing	\$ 1,042.00
Rembolt Ludtke LLP	Bond Matters-TIF project	\$ 800.00
Rembolt Ludtke LLP	Legal Fees, Waverly Suburban Fire District	\$ 3,291.50
S & L Trenching LLC	Stormwater repairs-Riley	\$ 3,800.00
Schmit Automotive	F250 repair	\$ 527.04
S.E. Rural Fire Protection Dist.	EMS Call	\$ 1,500.00
The Fort	Clothing Allowance	\$ 250.00
Tyler Tongish	WFR-Personal Vehicle Reimbursement & Member Stipends	\$ 245.00
U.S. Postmaster	Stamps/Postage	\$ 311.90
Union Bank & Trust Co.	Section 125 Plan Doc. Amendment	\$ 100.00
Union Bank & Trust Co.	HSA Accounts	\$ 2,500.00
USA Blue Book	Supplies	\$ 431.78
Verizon Wireless	Phone Service	\$ 370.60
Vermeer High Plains	Maintenance - brush chipper	\$ 666.74
Storage Ninjas - Waverly	Storage for Engine 34	\$ 132.00
Claims Group A Total		\$ 285,863.01

Council Member Pascoe moved to approve claims group A in the amount of 285,863.01. Council Member Nielson seconded the motion.

The following Council Members voted "YEA": Hummel, Pascoe, and Nielson. The following Council Members voted "NAY": None. Motion carried. 3-0.

Claims Group C		
Vendor	Description	Amount
Aaron Hummel	WFR-Personal Vehicle Reimbursement & Member Stipends	\$ 995.00
Claims Group C Total		\$ 995.00

Council Member Pascoe moved to approve claims group C in the amount of \$995.00. Council Member Nielson seconded the motion.

The following Council Members voted "YEA": Pascoe and Nielson. The following Council Members voted "NAY": None. Hummel abstained due to conflict of interest. Mayor Gerdes voted "YEA" to reach a quorum. Motion carried. 3-0.

KENO REPORT AND SALES TAX REPORT

Keno & Sales Tax Reports provided for information.

INTRODUCTION OF RESOLUTIONS

Consideration of Resolution 24-19 accepting the One (1) and Six (6) Year Highway and Street Improvement Program for the City of Waverly, Nebraska.

Council Member Pascoe moved to approve Resolution 24-19 accepting the One (1) and Six (6) Year Highway and Street Improvement Program for the City of Waverly, Nebraska. Council Member Nielson seconded the motion.

The following Council Members voted “YEA”: Nielson, Hummel, and Pascoe. The following Council Members voted “NAY”: None. Motion carried. 3-0.

RESOLUTION NUMBER 24-19

RESOLUTION ACCEPTING THE ONE (1) AND SIX (6) YEAR HIGHWAY AND STREET IMPROVEMENT PROGRAM FOR THE CITY OF WAVERLY, NEBRASKA.

BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF WAVERLY, NEBRASKA THAT:
It is hereby found and determined that:

1. The new program for distribution of Gas Tax Funds, Motor Vehicle Registration Fees, and Motor Vehicle Sales Tax provides additional funds to municipalities for street and related maintenance and construction.
2. In order to qualify for said funds the City must, among other things, prepare annual One (1) and Six (6) Year Programs for street improvements, conduct a local public hearing and submit the results to the State Highway Commission.
3. The City of Waverly, Nebraska does hereby adopt the One (1) and Six (6) Year program as proposed.

PASSED AND APPROVED THIS 24^H DAY OF SEPTEMBER, 2024.

Consideration of Resolution 24-20 authorizing the Signing of the Municipal Annual Certification of Program Compliance 2024.

Consent Agenda.

Consideration of Resolution 24-21 adopting and revising the Employee Handbook

Council Member Pascoe moved to approve Resolution 24-21 adopting and revising the Employee Handbook. Council Member Nielson seconded the motion.

The following Council Members voted “YEA”: Hummel, Pascoe, and Nielson. The following Council Members voted “NAY”: None. Motion carried. 3-0.

RESOLUTION 24-21

RESOLUTION ADOPTING AND REVISING THE EMPLOYEE HANDBOOK

WHEREAS, the establishment of rules and regulations for the hiring and continued employment of City personnel is of benefit to the City, and

WHEREAS, it is advantageous for City personnel to know their rights and terms of employment.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF WAVERLY, NEBRASKA that the Employee Handbook as revised on November 27, 2018, incorporates revisions to the following sections:

JOB DESCRIPTIONS
PAY PLAN

The additions and changes in the above stated section is hereby adopted as policy.

PASSED AND APPROVED THIS 24TH DAY OF SEPTEMBER, 2024

INTRODUCTION OF ORDINANCES

Consideration of the third and final reading of Ordinance 24-07, an ordinance of the City of Waverly, Nebraska, amending Title V, Chapter 51, Section 51.09 of the Waverly Municipal Code: Water; Rates

Council Member Pascoe moved to approve the third and final reading of Ordinance 24-07, an ordinance of the City of Waverly, Nebraska, amending Title V, Chapter 51, Section 51.09 of the Waverly Municipal Code: Water; Rates. Council Member Nielson seconded the motion.

Ryan Dalton made comments that most of the \$3 million funds is dedicated to a new public works building and questioned if this is a want or a need. Fisher explained this will be split between streets, water, and sewer. Council Members provided examples of why a new maintenance facility is a necessary upgrade including safety concerns, it is undersized, and work efficiency.

Dalton asked for explanation why the water study is not amortized further than 5 years and Fisher stated they will be amortized for 15 years in a 15-year bond but the 5 years' worth of payments is included in the study. Council Member Hummel explained how the rates are figured in the study.

Council Member Pascoe thanked the public for the many emails received concerning the increases to the water and sewer rates prior to the meeting when it is easier to make changes. Pascoe stated this is a 5 year rate study and water rates are discussed and voted on every single year, regardless of whether rates were increased in the past. Pascoe advised increasing rates this year does not mean that next year we will approve the same rate schedule that was approved this year. Dalton asked if this was captured in the budget this year. Fisher explained water and sewer funds pay for themselves so if we see an increase in revenue, it will go right back into the department for next year.

The following Council Members voted "YEA": Pascoe, Nielson, and Hummel. The following Council Members voted "NAY": None. Motion carried. 3-0.

ORDINANCE NUMBER 24-07

AN ORDINANCE OF THE CITY OF WAVERLY, NEBRASKA, AMENDING TITLE V, CHAPTER 51, SECTION 51.09 OF THE WAVERLY MUNICIPAL CODE: WATER; RATES

BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF WAVERLY, NEBRASKA:

Section 1. That Section 51.09 of the Waverly Municipal Code be amended to read as follows:

§ 51.09 RATES.

All water from the Municipal Water Department shall be furnished at metered rates unless otherwise provided herein. All consumers of water, except the Municipality, shall pay for water used or metered in accordance with the following schedule:

A. RATES APPLICABLE FOR EACH WATER METER WHERE WATER IS SUPPLIED TO ONE (1) OR MORE SEPARATE UNITS LOCATED WITHIN THE MUNICIPALITY:

1.	<u>Meter Size</u>	<u>Costs of Service Charge</u>
	5/8"	\$18.64
	3/4"	\$18.77
	1"	\$19.12
	1.5"	\$42.24
	2"	\$69.10
	3"	\$152.12
	4"	\$247.74

2. Two dollars and five cents (\$2.05) shall be charged per thousand gallons of water used up to ten thousand (10,000) gallons multiplied by the number of separate units per billing month,
3. Two dollars and sixty-four cents (\$2.64) shall be charged per thousand gallons of water used from 10,001 to 20,000 gallons multiplied by the number of separate units per billing month, and
4. Three dollars and thirty-one cents (\$3.31) shall be charged per thousand gallons of water used in excess of twenty thousand (20,000) gallons multiplied by the number of separate units per billing month.

B. RATES APPLICABLE FOR EACH WATER METER WHERE WATER IS SUPPLIED TO ONE (1) OR MORE SEPARATE UNITS LOCATED OUTSIDE THE MUNICIPALITY:

1.	<u>Meter Size</u>	<u>Costs of Service Charge</u>
	5/8"	\$37.28
	3/4"	\$37.54
	1"	\$38.24
	1.5"	\$84.49
	2"	\$138.20
	3"	\$304.24
	4"	\$495.47

2. Four dollars and ten cents (\$4.10) shall be charged per thousand gallons of water used up to ten thousand (10,000) gallons multiplied by the number of separate units per billing month, and
3. Five dollars and twenty-eight cents (\$5.28) shall be charged per thousand gallons of water used from 10,001 to 20,000 gallons multiplied by the number of separate units per billing month, and

4. Six dollars and sixty-two cents (\$6.62) shall be charged per thousand gallons of water used in excess of twenty thousand (20,000) gallons multiplied by the number of separate units per billing month.

C. RATES APPLICABLE WHERE WATER IS SUPPLIED TO RESIDENTS OR SEPARATE UNITS LOCATED WITHIN THE MUNICIPALITY FOR LOADING INTO A TRANSPORT VEHICLE OR FOR ANY OTHER PURPOSE AND THE SAME IS NOT DELIVERED TO A STRUCTURE THROUGH THE MAINS, SUPPLY PIPES, AND SERVICE PIPES WHICH CONSTITUTE THE MUNICIPAL WATER SYSTEM:

1. Fifteen dollars (\$15.00) shall be charged per calendar month, and
2. Two dollars and five cents (\$2.05) shall be charged per thousand gallons of water used up to ten thousand (10,000) gallons per calendar month, and
3. Two dollars and sixty-four cents (\$2.64) shall be charged per thousand gallons of water used from 10,001 to 20,000 gallons per calendar month,
4. Three dollars and thirty-one cents (\$3.31) shall be charged per thousand gallons of water used in excess of twenty thousand (20,000) gallons multiplied by the number of separate units per billing month, and
5. A loading fee of fifteen dollars (\$15.00) shall be charged per transport vehicle or vessel loaded.

D. RATES APPLICABLE WHERE WATER IS SUPPLIED TO NON-RESIDENTS OR SEPARATE UNITS LOCATED OUTSIDE THE MUNICIPALITY FOR LOADING INTO A TRANSPORT VEHICLE OR FOR ANY OTHER PURPOSE AND THE SAME IS NOT DELIVERED TO A STRUCTURE THROUGH THE MAINS, SUPPLY PIPES, AND SERVICE PIPES WHICH CONSTITUTE THE MUNICIPAL WATER SYSTEM:

1. Thirty dollars (\$30.00) shall be charged per calendar month, and
2. Four dollars and ten cents (\$4.10) shall be charged per thousand gallons of water used up to ten thousand (10,000) gallons per calendar month, and
3. Five dollars and twenty-eight cents (\$5.28) shall be charged per thousand gallons of water used from 10,001 to 20,000 gallons per calendar month,
4. Six dollars and sixty-two cents (\$6.62) shall be charged per thousand gallons of water used in excess of twenty thousand (20,000) gallons multiplied by the number of separate units per billing month, and
5. A loading fee of thirty dollars (\$30.00) shall be charged per transport vehicle or vessel loaded.

E. All water sold pursuant to Paragraphs C and D of this section shall be sold in accordance with the following regulations:

1. Persons purchasing water pursuant to Paragraphs C and D of this section shall be issued a receipt by the office of the Municipal Clerk, which receipt shall state:

- a. The date of purchase.
 - b. The number of gallons purchased (metered or estimated).
 - c. The dollar amount paid to the Municipality, and,
 - d. The name and address of the purchaser.
2. In the event the metering of the water purchased is not feasible, the Water Department Representative, or his or her agent, shall estimate the capacity of the vessel to be filled and state the quantity purchased as an estimated quantity on the receipt issued to the purchaser. In no event shall any adjustment whatsoever be made, based upon the accuracy of such estimate, subsequent to issuance of the receipt and payment by the purchaser.
 3. It shall be the responsibility of the purchaser to prove prior purchase of water within the same calendar month in order for rates for quantities in excess of the monthly minimum to apply. For this purpose, an original receipt signed by the clerk in the same calendar month shall be conclusive.
 4. In the event of an actual or potential water shortage, the Mayor shall have absolute authority to suspend sales of water pursuant to paragraphs C & D of this section, as to residents, non-residents, or both.
- F. It shall be the responsibility of the water consumer to maintain a water meter in good working order. When a meter is temporarily out of service, the consumer shall be charged in accordance with his, her, or its past usage for comparable months. Should a customer's meter fail to register properly, the customer shall be charged for water during the time the meter is out of repair on the basis of the monthly consumption during the same month of the preceding year. Provided that if no such basis for comparison exists, the customer shall be charged such amount as may be reasonable fixed by the Water Department.
- G. Rate changes imposed by this article shall become effective for meter readings taken during the first month of the fiscal year. *(Amended by Ord. Nos 85-05, 09/03/85; 87-08, 6/15/87; 92-12, 09/21/92; 97-02, 02/03/97; 99-23, 09/07/99; 01-04, 05/07/01; 03-06, 09/15/03; 07-09, 09/17/07; 08-13, 09/15/08; 09-08, 09/21/09; 11-18, 08/16/11; 12-18, 09-18-12; 13-06, 09/17/13; 19-07, 09/24/2019; 20-04, 08/25/20; 21-07, 08/10/21; 22-05, 08/09/22; 23-11, 09/12/23)*

Section 2. That any other ordinance or section passed and approved prior to the passage, approval, and publication or posting of this ordinance and in conflict with its provisions, is hereby repealed.

Section 3. This ordinance shall take effect and be in full force as of October 1, 2024.

PASSED AND APPROVED THIS 24TH DAY OF SEPTEMBER, 2024.

Consideration of the third and final reading of Ordinance 24-08, an ordinance of the City of Waverly, Nebraska, amending Title V, Chapter 52, Section 52.39 of the Waverly Municipal Code: Sewers; Base Rates; and Section 52.40 Sewers; Surcharge Rates

Council Member Pascoe moved to approve third and final reading of Ordinance 24-08, an ordinance of the City of Waverly, Nebraska, amending Title V, Chapter 52, Section 52.39 of the Waverly Municipal

Code: Sewers; Base Rates: and Section 52.40 Sewers; Surcharge Rates. Council Member Nielson seconded the motion.

Council Members shared the desire to leave this at zero percent. Pascoe stated the reason we compare other cities' water and sewer rates is because people see their bill is higher when moving from Lincoln, but we want people to see in like-populated cities, we are comparable. Pascoe stated the wastewater fund is in a much different cash position than the water fund.

The following Council Members voted "YEA": None. The following Council Members voted "NAY": Nielson, Hummel, and Pascoe. Motion Failed. 0-3.

Consideration of the third and final reading of Ordinance 24-09 relating to fireworks fee.

Council Member Pascoe moved to approve third and final reading of Ordinance 24-09 relating to fireworks fee. Council Member Nielson seconded the motion.

Jeff Etheridge spoke on behalf of nonprofit organizations VFW and Kiwanis, sharing his comments opposing raising the fireworks fee. Etheridge shared the hardships of fireworks sales since Covid including the already high \$1,000 fee. Etheridge said money back to community organizations goes further along than spending it on a 30-minute display. Etheridge shared fireworks fees of Malcolm and Lincoln in comparison. Mayor Gerdes stated I suggested it because of the processing time to approve the locations. Gerdes advised when we raise these permit fees, we hear objections on Facebook, but nobody wants to bring us their books and show us what they actually make until after the fact, so we don't know. Gerdes stated I have been on nonprofits—I know how much nonprofits can make. Etheridge stated the days of making \$13,000 are long gone. Fahleson stated Ashland is a good comparison, not Lincoln.

Ryan Dalton stated the city is not getting any more money. The ordinance currently reads \$500 to the city and \$500 to the fireworks show and the new ordinance reads \$500 to the city and \$1,500 to the fireworks display. Dalton asked if there has been an appetite for expanding the fireworks show. Council Member Nielson stated I have heard the Lawson display was overloaded with people this year. Pascoe agreed. Nielson stated others have shared they don't attend. Dalton suggested if we change anything with the fireworks permits, consider changing the zoning because the one near the I-80 interchange likely did a lot better in sales because they are off the interstate, close to Lincoln, and Lincoln folks come in and they are not actually coming into the community to reinvest some of their money at area businesses. If you change the zoning, maybe that cuts down on permitting heartache to check out multiple locations also helps out the community.

Hummel advised we are trying to pay for the fireworks display even more and it sounded like that's what everyone wanted but now we've heard so much pushback in the last few days and people are upset that we are considering raising this, but I don't know if the public understands beyond seeing raised rates—not seeing the raised rates will improve our fireworks display. Pascoe stated this is a Chamber fireworks display, not City.

Allison Stark suggested the Chamber raise their own money for the display. Stark advised the increased cost of the fee could run these stands out of Waverly and that's not what we want, especially since a lot of them give back to the community and are run by community members, and we want to support them. Stark stated I don't feel it is the fireworks stands responsibility to host the fireworks show, especially with that significant of a jump and I would hate to run these stands out of here. Stark pointed out Waverly's wider window to buy fireworks. Stark stated if we decrease the stands, we decrease the amount of traffic coming into town to buy fireworks. Mayor Gerdes stated the fireworks stands aren't going to leave because there are nonprofits that aren't going to lose that money, and there's more stands that want to come in. Stark stated you cannot guarantee that. Etheridge asked if we are obligated to donate to the

Chamber’s display and Gerdes responded it is in the ordinance right now, but the council could change at any time.

Dalton stated if the City feels the need to fund a larger show, find a different avenue to pay for it. Dalton stated the rationale to raising the rates was due to application processing not because there was popular demand to have a bigger show.

The following Council Members voted “YEA”: None. The following Council Members voted “NAY”: Hummel, Pascoe, and Nielson. Motion Failed. 0-3.

LIGHT MEMBERSHIP

Consideration of Resolution 24-22 to authorize membership in the League Insurance Government Health Team (LiGHT).

Consent Agenda.

Consideration of an Interlocal Agreement with League Insurance Government Health Team (LiGHT) and the LiGHT Member Health Plan for health insurance coverage.

Consent Agenda.

Consideration of League Insurance Government Health Team (LiGHT) Membership Agreement for employee health insurance and authorize the mayor to sign.

Consent Agenda.

INTRODUCTION OF BUSINESS AND COMMUNICATIONS

Consideration of accepting the Lottery Operator Agreement with Four Sons, INC effective October 1, 2024.

Council Member Pascoe moved to accept the Lottery Operator Agreement with Four Sons, INC effective October 1, 2024. Council Member Nielson seconded the motion.

The following Council Members voted “YEA”: Pascoe, Nielson, and Hummel. The following Council Members voted “NAY”: None. Motion carried. 3-0.

Consideration of Change Order No. 3 from JEO Consulting Group for the Eastbourne St./N 147th St./N 143 to Castlewood St. Water Main Project performed by K2 Construction.

Consent Agenda.

Consideration of Pay Certificate #2/Final, also known as Claims Group B, to Rieschick Drilling Co. for work performed on the Well 7 Rehabilitation in an amount not to exceed \$131,671.01 and authorize the Mayor to sign.

Consent Agenda.

Claims Group B		
Vendor	Description	Amount
Rieschick Drilling Co.	Well 7 Rehabilitation	\$ 131,671.01
	Claims Group B Total	\$ 131,671.01

Consideration of Annual Renewal License and Services Agreement with Filament Essential Services for website services, agreeing to a 3-year term with an annual fee of \$3,050.00.

Consent Agenda.

COMMITTEE REPORTS

Human Services (Park & Recreation): Council Member Jespersen

City Administrator Fisher reported Parks and Rec Assistant Manning has been working on picking up tree limbs in Wayne Park. Mowing has slowed down to just once a week with hardly any precipitation. K & J work is completed for Field 5 and Elkhorn Fence is about halfway done—they still have some chain link to do around backstop. We will be overseeding and fertilizing all the Lawson fields soon. Soccer is going on Tuesday and Thursday nights. Flag football regular season games conclude this Saturday, then the Superbowl is next weekend. Coed Adult Softball tournament is tomorrow night at Lawson.

Public Works (Utilities & Street): Council Member Nielson

Council Member Nielson reported bids were sent out to have the arterial streets paint striping repainted and we are awaiting more bids to come in. Took in scrap metal and old water meters for recycling. Unloaded new shelving units for the fire department. Worked on Canongate Road asphalt patches near Amberly Road. Checked water violations watering on early Friday morning and found 23 properties that were watering that morning. Sprayed weeds along the Highway 6 median. Trimmed the cemetery along with the N 141st Street and Highway 6 railroad track area. Picked up the debris on Highway 6 near N 141st Street. Worked on sorting and moving the landfill ash piles from several previous burns to make room for additional future burns. Unloaded the six new oxidation ditch pumps at the wastewater plant. Attended the kickoff meeting for the Safe Streets for All Grant planning for future transportation safety infrastructure projects that we will be able to apply for in 2025, once the projects are identified in the study. Final repairs to water valves and other punch list items continue on Eastbourne Street with another inspection to be done on October 4.

Public Health (Fire & Safety): Council Member Pascoe

Council Member Pascoe reported we have 3 volunteer member applications for consideration at the next city council meeting. One member was removed due to studying overseas. The Fire & Rescue Open House is typically happening now but is paused this year due to so much planning into the Santa Express, which is their main event. The open house could potentially be scheduled in the spring. For Fire Prevention Week, Peace Lutheran Church, Waverly CDC, Building Blocks, Lil Junction, and Hamlow Preschool all have visits from members for fire prevention and safety. It is the end of the fiscal year so all the larger purchases have been received. The Ready Rack was purchased, installed, and is operational.

Fiscal & Economic Development: Council Member Hummel

No report given.

City Administrator Fisher

City Administrator Fisher reported the Safe Streets for All (SS4A) grant initial meeting was held; that is going to be a fun group to get going.

EXECUTIVE SESSION

Council Member Pascoe moved to go into Executive Session to provide direction to the City Administrator and discuss contract negotiations. Council Member Nielson seconded the motion. The following Council Members voted “YEA”: Nielson, Hummel, and Pascoe. The following Council Members voted “NAY”: None. Motion carried. 3-0.

Closed Session declared at 7:20 p.m.

Those present in Executive session include Mayor Gerdes, Council Members Pascoe, Nielson, and Hummel. Others present were City Administrator Fisher, City Attorney Fahleson, and City Clerk Frye. No action was taken during Executive Session.

Council Member Pascoe moved to leave Executive Session at 7:33 p.m. Council Member Nielson seconded the motion.

The following Council Members voted “YEA”: Hummel, Pascoe, and Nielson. The following Council Members voted “NAY”: None. Motion carried. 3-0.

Open Session was declared at 7:33 p.m.

ADJOURNMENT

Council Member Nielson moved to adjourn the meeting at 7:33. Council Member Hummel seconded the motion.

The following Council Members voted “YEA”: Pascoe, Nielson, and Hummel. The following Council Members voted “NAY”: None. Motion carried. 3-0.

William D. Gerdes
Mayor

Megan K. Frye
City Clerk / Human Resources Assistant

MINUTES OF A WAVERLY BUDGET HEARING HELD ON SEPTEMBER 24, 2024

CALL TO ORDER

Mayor Bill Gerdes called the meeting to order at 6:00 p.m. Gerdes acknowledged the Open Meetings Act Poster located on the south wall of the Council Chambers. Mayor Bill Gerdes and Council Members Abbey Pascoe, Aaron Hummel, and Dave Nielson were in attendance. Council Member David Jespersen was absent. Other City Officials present were City Administrator Stephanie Fisher, City Attorney Mark Fahleson, City Clerk Megan Frye, and Building Inspector/Zoning Administrator Mike Palm. Others present were Reid Dalton, Sonny Fankhauser, Cal Weeks, Brittany Walters, and Lancaster County Sheriff Deputy Jason Brownell. Notice of the Meeting and Agenda were given to the Mayor and all Members of the City Council prior to the Meeting. Notice of the Meeting was posted at Russ's Market Express, the US Post Office, the City Office, and the City website (citywaverly.com).

2024-2025 WAVERLY CITY BUDGET

PUBLIC HEARING: 2024-2025 Waverly Budget

Public Hearing opened 6:01 p.m.

City Administrator Fisher provided an overview of each of the funds and the projects for each department. Fisher shared grants including Safe Streets for All grant plans and Oldfield construction using a \$1 million federal grant if received. Fisher shared specific upgrades including cameras and rec/pool software for parks and a new backhoe split between streets, water, and sewer. Fisher shared improvement projects may include a potential dog park contingent on grant funding and initial design, engineering, and construction of a new city office building with rec center attached and also a new public works building, which would be bonded so no impact to property tax for the planning purposes. More information will be shared as it becomes available, potentially after January 1.

Fisher stated transfers are made from the General Fund to streets, parks, fire/rescue, building/zoning, and cemetery. Fisher stated there is \$43,543 left in ARPA funds, which will be used on the maintenance of Well 10. Fire & Rescue submitted their budget, including upgrades on the communication equipment and the budget authority for building a new fire station in the amount of \$9.4 million. There is a good possibility of working with the Suburban Fire District—who also had it in their budget—potentially at 50/50. This is a bonded project no impact to property tax for the planning purposes. We have also budgeted for an additional employee in building and zoning for code enforcement to assist with nuisances. Fisher shared we will bond the Oak Lane & Danvers water main replacement project in the spring of 2025 to replace a cast iron pipe with enumerable breaks, similar to the recently completed Eastbourne Street. We also have 10 test wells budgeted to determine an area for an additional well. Fisher shared details of current bonds. For wastewater or sewer, we need to replace a crane, purchase a manure spreader, and oxidation pumps which carried over from last fiscal year. Fisher stated the N 141st Street traffic signal warning lights will use TIF bucket fund and be cost shared with the State 50/50 for approximately \$30,000. Streetlights are planned on Amberly Road, N 148th Street and N 141st St using \$300,000 from the TIF bucket.

Ried Dalton asked for specifics on the plans and location for the proposed fire station, municipal building/rec center, and maintenance facility now that the fire station will no longer co-locate with the municipal building. Mayor Gerdes advised the location has not changed for the proposed fire station and the location has not yet been determined for the city building and rec center. Council Members explained reasoning for changes from original fire station/municipal building plans. Dalton asked for clarification on the ambitious goal for the engineering, design, and construction for the municipal building and rec center at \$3.75 million and Fisher agreed, and responded this gives us the ability to get started.

Fisher shared the tax levy is the lowest it has been since 2013 at .334836. Our tax request is \$1,799,026.14 and our certified valuation went up to \$537,285,233.00. The increase in our certified

valuation allowed us to take our levy down and still be able to do all these projects for our community. Fisher shared the bonded indebtedness history over the years. Fisher stated the city tries to stay fairly consistent. Fisher shared the current bonds and payoff dates, with the 2016 highway allocation bond being paid off December of this year.

Brittany Walters made comments on continuing education in sewer. Council Members provided clarification. Council Member Pascoe stated everything shared on the budget and all meetings is public facing.

Public hearing closed at 6:26 p.m.

PUBLIC HEARING: 2024-2025 Waverly Final Tax Request

Public Hearing open at 6:27 p.m.

Mayor Gerdes asked three times if anyone from the public would like to comment. No comments were heard.

Public Hearing closed at 6:28 p.m.

Consideration of Resolution 24-18 setting the Property Tax Request for 2024-2025

Council Member Pascoe moved to approve Resolution 24-18 setting the Property Tax Request for 2024-2025. Council Member Hummel seconded the motion.

The following Council Members voted “YEA”: Pascoe, Nielson, and Hummel. The following Council Members voted “NAY”: None. Motion carried. 3-0.

**RESOLUTION SETTING THE PROPERTY TAX REQUEST
RESOLUTION NO. 24-18**

WHEREAS, Nebraska Revised Statute 77-1632 and 77-1633 provides that the Governing Body of the City of Waverly, Nebraska passes by a majority vote a resolution or ordinance setting the tax request; and

WHEREAS, a special public hearing was held as required by law to hear and consider comments concerning the property tax request;

NOW, THEREFORE, the Governing Body of the City of Waverly resolves that:

1. The 2023-2024 property tax request be set at:

General Fund:	\$	1,017,026.14
Bond Fund:	\$	782,000.00
2. The total assessed value of property differs from last year’s total assessed value by 6.62 percent.
3. The tax rate which would levy the same amount of property taxes as last year, when multiplied by the new total assessed value of property would be 0.320068 per \$100 assessed value.
4. The City of Waverly proposes to adopt a property tax request that will cause its tax rate to be 0.334836 per \$100 of assessed value.
5. Based on the proposed property tax request and changes in other revenue, the total operating budget of the City of Waverly will decrease last year’s budget by 39.37 percent.
6. A copy of this resolution be certified and forwarded to the County Clerk on or before October 15, 2024.

Motion by Pascoe, second by Nielson to adopt Resolution #24-18.

Voting yes were:

Pascoe

Nielson

Hummel

Voting no were:

Dated this 24th day of September, 2024.

Consideration of the first reading of Ordinance 24-10 to adopt the Budget Statement to be termed the Annual Appropriation Bill; to appropriate necessary expenses and liabilities; and to provide for an effective date.

Council Member Pascoe moved to first reading of Ordinance 24-10 to adopt the Budget Statement to be termed the Annual Appropriation Bill; to appropriate necessary expenses and liabilities; and to provide for an effective date. Council Member Nielson seconded the motion.

Council Member Pascoe moved to suspend the rules and move to third and final reading of Ordinance 24-10. Council Member Nielson seconded the motion.

The following Council Members voted “YEA”: Hummel, Pascoe, and Nielson. The following Council Members voted “NAY”: None. Motion carried. 3-0.

Vote on Ordinance 24-10 to adopt the Budget Statement to be termed the Annual Appropriation Bill; to appropriate necessary expenses and liabilities; and to provide for an effective date, as amended.

The following Council Members voted “YEA”: Pascoe, Nielson and Hummel. The following Council Members voted “NAY”: None. Motion carried. 3-0.

ORDINANCE 24-10

AN ORDINANCE TO ADOPT THE BUDGET STATEMENT TO BE TERMED THE ANNUAL APPROPRIATION BILL; TO APPROPRIATE SUMS FOR NECESSARY EXPENSES AND LIABILITIES; AND TO PROVIDE FOR AN EFFECTIVE DATE

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF WAVERLY, NEBRASKA;

Section 1. That after complying with all procedures required by law, the budget presented and set forth in the budget statement is hereby approved as the Annual Appropriation Bill for the fiscal year beginning October 1, 2024 through September 30, 2025. All sums of money contained in the budget statement are hereby appropriated for the necessary expenses and liabilities of the City of Waverly. A copy of the budget document shall be forwarded as provided by law to the Auditor of Public Accounts, State Capitol, Lincoln, Nebraska, and to the County Clerk of Lancaster County, Nebraska, for use by the levying authority.

Section 2. This ordinance shall take effect and be in full force from and after its passage, approval, and publication or posting as required by law.

PASSED AND APPROVED THIS 24TH DAY OF SEPTEMBER, 2024.

ADJOURNMENT

Council Member Hummel moved to adjourn the meeting at 6:29 p.m. Council Member Nielson seconded the motion.

The following Council Members voted “YEA”: Nielson, Hummel, and Pascoe. The following Council Members voted “NAY”: None. Motion carried. 3-0.

William D. Gerdes
Mayor

Megan K. Frye
City Clerk / Human Resources Assistant

Claims for Payment: September 25th - October 8th, 2024

Group A			
Vendor	Description	Amount	Date Paid
Stacie Avina	Utility Deposit Refund	\$ 100.00	
Ryan Harms	Utility Deposit Refund	\$ 100.00	
Jacob Kuhns	Utility Deposit Refund	\$ 100.00	
Shane & Holly Tritz	Utility Deposit Refund	\$ 100.00	
Liquid Force Car Wash	Utility Deposit Refund	\$ 100.00	
Storage Ninjas Waverly Dojo	Utility Deposit Refund	\$ 100.00	
ADP FEES	Payroll Fees	\$ 216.35	10/4/2024
ADP FEES	Payroll Fees	\$ 135.51	10/11/2024
ADP PAYROLL	Payroll	\$ 34,286.09	10/4/2024
Allo Communications	Phone/Internet Services	\$ 1,549.63	
BALL INSURANCE SERVICES	Fire Department Insurance	\$ 5,041.00	
BAUER BUILT	Tire repair	\$ 40.25	
Bert Gurney & Associates, Inc.	WWTP ox ditch pumps	\$ 159,034.86	
Black Hills Energy	Natural gas	\$ 145.08	
Chad Hartwick	Meal reimbursement	\$ 73.05	
COLONIAL LIFE	Insurance	\$ 43.92	
CORE & MAIN	Meter & Readout Purchase	\$ 1,347.21	
CUBBY'S, INC.	Fuel	\$ 1,662.73	
DATAVIZION, LLC	VizionCare Complete, Microsoft 365 Business	\$ 1,515.00	
ESO SOLUTIONS	Firehouse Software	\$ 2,992.99	
Filament Essential Services	SOCS Web Hosting Services	\$ 3,050.00	
Frontier	Tordon	\$ 200.00	
Gavin Thode	Meal reimbursement	\$ 63.76	
HARRIS DECALS	Super bowl signs	\$ 66.50	
Harrison Smith	Flag football referee	\$ 1,040.00	
HBE LLP	Preparation 2024-2025 Budget	\$ 17,845.00	
HORIZON BANK	Monthly ACH Fees	\$ 10.00	10/15/2024
INTERSTATE ALL BATTERY CENTER	Batteries	\$ 388.50	
JEO CONSULTING GROUP, INC.	Waverly 2024 Buildings Study	\$ 475.00	
JOHN HANCOCK USA	Retirement	\$ 2,742.80	10/4/2024
Landon Patel	Flag football referee	\$ 1,040.00	
LARM	2024-2025 Insurance	\$ 146,354.00	
LIFE-ASSIST, INC.	Medical Supplies	\$ 1,897.50	
LINCOLN ELECTRIC SYSTEM	Electricity	\$ 20,053.28	
Lincoln Epoxy Flooring	Lawson restroom floor painting	\$ 1,732.70	
LINCOLN WINWATER WORKS CO	Coupling	\$ 22.23	
MAMMOTH STATION	Fuel	\$ 151.86	
MENARDS-LINCOLN NORTH	Bushing, cabinets, carpet trim, sealant	\$ 463.65	
MIDWEST LABORATORIES, INC	Lab Fees	\$ 761.16	
Mya Rourke	Umpire payment-adult softball	\$ 110.00	
NDEE-FISCAL SERVICES	Wastewater Class I-Gavin, Wastewater Class II-Chad	\$ 300.00	
NEBRASKA DEPT REVENUE WASTE	Utility Sales Tax	\$ 9,429.90	10/20/2024
NEBRASKA LANDSCAPE SOLUTIONS	Returned fertilizer	\$ (2,207.99)	
Neemann & Sons Inc.	Storm repair - wwtp storage building	\$ 56,077.00	
ONE CALL CONCEPTS, INC.	One-Call Service	\$ 67.00	
PAVERS LLC	Gravel	\$ 83.28	
PINNACLE BANK	League conference, flag football supplies, HP docking stations, fire prevention week supplies	\$ 2,692.11	
QUIK DUMP REFUSE	Garbage Service	\$ 580.77	
S & L TRENCHING LLC	Water shut off valve repair	\$ 1,575.00	
Scott Claycomb	Umpire payment-adult softball	\$ 880.00	
S.E.Rural Fire Protection Dist	EMS Calls	\$ 750.00	
Stingray Technology Services	RecDesk Demo	\$ 250.00	
THE VOICE NEWS	Advertising & Printing	\$ 685.81	
Todd Tenopir	Umpire payment-adult softball	\$ 55.00	
TRAVELERS - RMD	Fire Department Workers Compensation Plan	\$ 1,276.00	
Troy Gebhardt	Flag football referee	\$ 480.00	
U.S.BANK EQUIPMENT FINANCE	Ricoh Copier	\$ 143.95	
Uribe Refuse Services	Restroom Rental	\$ 111.00	
USA BLUE BOOK	Glass fiber filters	\$ 199.36	
Visual Edge IT	Copies	\$ 121.72	
Whitehead Oil Co.	Fuel	\$ 57.32	
Claims Group A Total		\$ 480,758.84	

William D. Gerdes, Mayor

Cheris Cadwell, City Treasurer/Deputy Clerk

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
10-00-4000	PROPERTY TAXES	18,504.19	862,866.85	776,949.00	85,917.85-
10-00-4005	MOTOR VEHICLE TAX	16,516.45	149,834.19	85,000.00	64,834.19-
10-00-4010	MOTOR VEHICLE PRO RATE	.00	1,889.71	1,000.00	889.71-
10-00-4015	PROPERTY TAX CREDIT	.00	56,772.93	.00	56,772.93-
10-00-4018	STATE AID	.00	.00	.00	.00
10-00-4020	PROPERTY TAX CREDIT	.00	.00	.00	.00
10-00-4025	M.I.R.F.	.00	.00	.00	.00
10-00-4030	CARLINE	9.15	84.59	.00	84.59-
10-00-4032	LEASE REVENUE	500.00	6,000.00	6,000.00	.00
10-00-4035	FRANCHISE TAX	1,485.63	447,021.51	450,000.00	2,978.49
10-00-4040	IN LIEU OF TAXES	.00	4,874.37	3,000.00	1,874.37-
10-00-4050	SALES TAX	.00	.00	.00	.00
10-00-4055	HOMESTEAD EXEMPTION	.00	25,500.66	.00	25,500.66-
10-00-4060	INT EARNED ON LOCAL REVENUE	98.05	1,077.72	5,000.00	3,922.28
10-00-4065	FEES AND PERMITS	.00	.00	.00	.00
10-00-4070	CITY LICENSES	127.00	11,802.50	7,500.00	4,302.50-
10-00-4071	CITY FINES	.00	320.00	.00	320.00-
10-00-4075	DOG LICENSES	45.00	2,125.00	2,000.00	125.00-
10-00-4080	DOG IMPOUNDMENT & BOARD	.00	.00	.00	.00
10-00-4090	OTHER LOCAL REVENUE RECEIPT	6,345.81	6,424.98	.00	6,424.98-
10-00-4091	QUIET ZONE	.00	.00	.00	.00
10-00-4095	LABOR & MATERIALS SOLD - GEN.	.00	.00	.00	.00
10-00-4100	EQUIPMENT SOLD	.00	.00	.00	.00
10-00-4105	GRANTS	.00	.00	.00	.00
10-00-4106	DEVELOPER: STREET TREES	.00	.00	.00	.00
10-00-4110	INSURANCE ADJUSTMENTS	107.40	107.40	.00	107.40-
10-00-4115	OPERATING CONTRIBUTIONS	.00	.00	.00	.00
10-00-4130	BOND PROCEEDS	.00	.00	.00	.00
10-00-4161	INTEREST-MMA	3,928.39	27,279.63	.00	27,279.63-
10-00-4210	TOWER RENT	3,466.86	39,727.08	41,000.00	1,272.92
10-00-4215	FARM RENT INCOME	.00	14,895.00	27,500.00	12,605.00
10-00-4410	ADJUSTMENT	.00	.00	.00	.00
10-00-4415	AG LAND TAX CREDIT	.00	36.94	.00	36.94-
10-90-4011	TRANSFER FROM CITY SALES TAX	.00	.00	.00	.00
10-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
10-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
10-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
10-90-4016	TRANSFER FROM FIRE/RESCUE	780.00	9,360.00	.00	9,360.00-
10-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
10-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
10-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
10-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
10-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
10-90-4030	TRANSFER FROM TIF E	.00	.00	.00	.00
10-90-4031	TRANSFER FROM PAYROLL	.00	.00	.00	.00
10-90-4033	TRANSFER FROM TIF G	.00	.00	.00	.00
	TOTAL REVENUE	51,913.93	1,668,001.06	1,404,949.00	263,052.06-
10-00-5000	REGULAR SALARIES	7,757.02	100,334.26	101,361.00	1,026.74
10-40-5000	REGULAR SALARIES	.00	.00	.00	.00

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
10-50-5000	REGULAR SALARIES	.00	.00	.00	.00
	TOTAL EXPENSES	7,757.02	100,334.26	101,361.00	1,026.74
	GENERAL TOTAL	44,156.91	1,567,666.80	1,303,588.00	264,078.80-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
11-00-4052	CITY SALES TAX	61,069.84	820,866.41	570,000.00	250,866.41-
11-00-4053	AQUATIC CENTER SALES TAX	.00	.00	.00	.00
11-00-4135	REIMBURSEMENT	.00	.00	.00	.00
11-00-4161	INTEREST-MMA	3,554.72	31,465.54	10,000.00	21,465.54-
11-00-4163	INTEREST-CD'S HORIZON	.00	117,269.61	.00	117,269.61-
11-90-4010	TRANSFER FROM GENERAL	.00	.00	.00	.00
11-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
11-90-4033	TRANSFER FROM TIF G	.00	.00	.00	.00
	TOTAL REVENUE	64,624.56	969,601.56	580,000.00	389,601.56-
	CITY SALES TAX TOTAL	64,624.56	969,601.56	580,000.00	389,601.56-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
12-00-4005	MOTOR VEHICLE FEES	.00	41,298.89	25,000.00	16,298.89-
12-00-4090	OTHER LOCAL REV RECEIPTS	.00	589.40	.00	589.40-
12-00-4095	LABOR & MATERIALS SOLD-STREETS	.00	.00	.00	.00
12-00-4100	EQUIPMENT SOLD	.00	.00	.00	.00
12-00-4105	GRANTS	.00	6,560.87	236,000.00	229,439.13
12-00-4110	INSURANCE ADJUSTMENTS	.00	11,666.00	.00	11,666.00-
12-00-4120	HIGHWAY ALLOCATION	47,961.23	577,365.43	581,001.00	3,635.57
12-00-4125	INCENTIVE PAYMENTS	.00	4,000.00	.00	4,000.00-
12-00-4130	SALE BONDS - STREETS	.00	.00	2,000,000.00	2,000,000.00
12-00-4135	REINBURSEMENT/PROJECT FINANCED	.00	.00	.00	.00
12-00-4161	INTEREST-MMA	2,689.11	32,157.88	.00	32,157.88-
12-00-4220	SCRAP SALES	.00	.00	.00	.00
12-00-4405	INFRASTRUCTURE FEE	735.80	5,438.91	.00	5,438.91-
12-90-4010	TRANSFER FROM GENERAL	.00	285,000.00	285,000.00	.00
12-90-4011	TRANSFER FROM SALES TAX	.00	.00	.00	.00
12-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
12-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
12-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
12-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
12-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
12-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
12-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
12-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
12-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
12-90-4030	TRANSFER FROM TIF	.00	.00	.00	.00
	TOTAL REVENUE	51,386.14	964,077.38	3,127,001.00	2,162,923.62
12-00-5000	REGULAR SALARIES	13,859.87	173,410.29	170,000.00	3,410.29-
	TOTAL EXPENSES	13,859.87	173,410.29	170,000.00	3,410.29-
	STREET TOTAL	37,526.27	790,667.09	2,957,001.00	2,166,333.91

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
13-00-4052	CITY SALES TAX	30,534.87	410,432.57	300,000.00	110,432.57-
13-00-4085	CONCESSIONS	.00	.00	.00	.00
13-00-4090	OTHER LOCAL REV RECEIPTS	.00	4,041.00	.00	4,041.00-
13-00-4105	GRANTS	.00	12,890.56	.00	12,890.56-
13-00-4130	SALE BONDS - POOL	.00	.00	1,400,000.00	1,400,000.00
13-00-4131	AQUA CENTER BOND PROCEEDS	.00	.00	.00	.00
13-00-4132	2022 MUN IMP BOND PROCEED	.00	.00	.00	.00
13-00-4138	POOL DAILY ADMISSIONS	.00	82,787.95	.00	82,787.95-
13-00-4140	POOL RECEIPTS	.00	.00	60,000.00	60,000.00
13-00-4141	POOL PASS REVENUE	.00	77,970.00	.00	77,970.00-
13-00-4142	SWIMMING LESSON REVENUE	.00	9,395.00	.00	9,395.00-
13-00-4143	POOL PARTY REVENUE	.00	12,850.00	.00	12,850.00-
13-00-4144	POOL PARTY DEPOSIT	.00	900.00	.00	900.00-
13-00-4146	SWIM TEAM REVENUE	.00	4,135.00	.00	4,135.00-
13-00-4155	GIFT OR DONATIONS	.00	9,217.04	.00	9,217.04-
13-00-4161	INTEREST-MMA	1,923.90	20,060.68	.00	20,060.68-
13-00-4162	INTEREST-NE CLASS	1,594.95	29,007.77	.00	29,007.77-
13-00-4167	INTEREST FSB	12.63	132.00	.00	132.00-
13-00-4185	CONCESSION RECEIPTS	.00	27,258.25	20,000.00	7,258.25-
13-90-4010	TRANSFER FROM GENERAL	.00	.00	.00	.00
13-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
13-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
13-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
13-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
13-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
13-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
13-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
13-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
	TOTAL REVENUE	34,066.35	701,077.82	1,780,000.00	1,078,922.18
13-00-5000	REGULAR SALARIES	2,642.89	30,848.53	32,205.00	1,356.47
	TOTAL EXPENSES	2,642.89	30,848.53	32,205.00	1,356.47
	POOL TOTAL	31,423.46	670,229.29	1,747,795.00	1,077,565.71

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
14-00-4065	FEES & PERMITS	.00	.00	.00	.00
14-00-4090	OTHER LOCAL REV RECEIPTS	.00	1,696.69	.00	1,696.69-
14-00-4105	GRANTS	.00	4,248.00	.00	4,248.00-
14-00-4110	INSURANCE ADJUSTMENTS	.00	41,993.19	.00	41,993.19-
14-00-4139	YOUTH FLAG FOOTBAL	.00	12,525.00	5,000.00	7,525.00-
14-00-4140	FALL SOCCER RECEIPTS	.00	11,635.00	5,000.00	6,635.00-
14-00-4142	SPRING SOCCER RECEIPTS	.00	12,035.00	10,000.00	2,035.00-
14-00-4145	BALL RECEIPTS	.00	20,895.00	15,000.00	5,895.00-
14-00-4146	BALL FIELD RENTAL	105.00	14,140.00	12,000.00	2,140.00-
14-00-4147	ADULT VOLLEY BALL	.00	1,200.00	1,000.00	200.00-
14-00-4148	TOURNAMENTS	.00	2,520.00	.00	2,520.00-
14-00-4149	ADULT BASEBALL	.00	700.00	.00	700.00-
14-00-4155	PARK DONATIONS	.00	4,161.47	20,000.00	15,838.53
14-00-4161	INTEREST-MMA	3.28	2,664.92	.00	2,664.92-
14-00-4162	INTEREST-NE CLASS	732.89	13,106.72	.00	13,106.72-
14-00-4165	INTEREST EARNED	.00	.00	.00	.00
14-00-4166	INTEREST	.17	2.24	.00	2.24-
14-00-4170	ADULT BASKETBALL	.00	150.00	.00	150.00-
14-00-4405	INFRASTRUCTURE FEE	1,698.00	12,551.33	8,000.00	4,551.33-
14-00-4420	ADVERTISING REVENUE	.00	.00	3,000.00	3,000.00
14-90-4010	TRANSFER FROM GENERAL	.00	.00	.00	.00
14-90-4011	TRANSFER FROM CITY SALES TAX	.00	.00	.00	.00
14-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
14-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
14-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
14-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
14-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
14-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
14-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
14-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
14-90-4029	TRANSFER FROM LOTTERY	.00	260,000.00	.00	260,000.00-
	TOTAL REVENUE	2,539.34	416,224.56	79,000.00	337,224.56-
14-00-5000	REGULAR SALARIES	8,159.54	113,358.05	127,690.00	14,331.95
	TOTAL EXPENSES	8,159.54	113,358.05	127,690.00	14,331.95
	PARK TOTAL	5,620.20-	302,866.51	48,690.00-	351,556.51-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
15-00-4161	INTEREST-MMA	204.73	24,897.04	.00	24,897.04-
15-00-4199	ARPA PROCEEDS	.00	.00	.00	.00
	TOTAL REVENUE	----- 204.73	----- 24,897.04	----- .00	----- 24,897.04-
	ARPA TOTAL	=====	=====	=====	=====
		204.73	24,897.04	.00	24,897.04-
		=====	=====	=====	=====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
16-00-4090	OTHER LOCAL REV RECEIPTS	35.00	47.00	.00	47.00-
16-00-4091	COVID-19 CARE FUNDS	.00	.00	.00	.00
16-00-4100	EQUIPMENT SOLD	.00	8.00	.00	8.00-
16-00-4105	GRANTS	.00	5,370.00	.00	5,370.00-
16-00-4110	INSURANCE ADJUSTMENTS	.00	105,937.75	.00	105,937.75-
16-00-4130	BOND PROCEEDS	.00	.00	.00	.00
16-00-4135	REIMBURSEMENT-MAT'LS/SERVICES	.00	.00	.00	.00
16-00-4155	GIFTS OR DONATIONS	.00	.00	.00	.00
16-00-4160	RURAL FIRE DEPARTMENT	12,812.50	153,750.00	153,750.00	.00
16-00-4161	INTEREST-MMA	.00	5,364.90	.00	5,364.90-
16-00-4165	INTEREST/FIRE-RESCUE	.00	.00	.00	.00
16-90-4010	TRANSFER FROM GENERAL	.00	153,750.00	153,750.00	.00
16-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
16-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
16-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
16-90-4018	TRANSFER FROM FIRE EQUIPMENT	.00	.00	.00	.00
16-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
16-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
16-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
16-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
16-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
	TOTAL REVENUE	12,847.50	424,227.65	307,500.00	116,727.65-
	FIRE DEPARTMENT TOTAL	12,847.50	424,227.65	307,500.00	116,727.65-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
17-00-4065	BURN PERMITS	30.00	620.00	500.00	120.00-
17-00-4105	GRANTS	.00	.00	.00	.00
17-00-4155	GIFTS OR DONATIONS	800.00	11,779.30	8,000.00	3,779.30-
17-00-4156	FIRE ENGINE 34 DONATIONS	100.00	1,256.00	.00	1,256.00-
17-00-4162	INTEREST-NE CLASS	189.88	2,206.39	.00	2,206.39-
17-00-4165	INTEREST FIRE DONATION	.00	.00	.00	.00
17-00-4166	INTEREST	1.08	18.25	.00	18.25-
17-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
17-90-4018	TRANSFER FROM FIRE EQUIP	.00	.00	.00	.00
	TOTAL REVENUE	1,120.96	15,879.94	8,500.00	7,379.94-
	FIRE DONATION TOTAL	1,120.96	15,879.94	8,500.00	7,379.94-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
18-00-4090	OTHER LOCAL REV RECEIPTS	.00	.00	.00	.00
18-00-4091	COVID-19 Care funds	.00	.00	.00	.00
18-00-4105	GRANTS	.00	.00	.00	.00
18-00-4135	REIMBURSEMENT	.00	.00	.00	.00
18-00-4150	FEH: FIRE SERVICE CALLS	1,237.50	1,237.50	5,000.00	3,762.50
18-00-4151	EMS: RESCUE SERVICE CALLS	18,430.53	108,336.84	50,000.00	58,336.84-
18-00-4160	RURAL FIRE DEPARTMENT	.00	.00	.00	.00
18-00-4161	INTEREST-MMA	753.24	1,259.27	.00	1,259.27-
18-00-4162	INTEREST-NE CLASS	918.88	13,972.99	.00	13,972.99-
18-00-4165	INTEREST - FIRE EQUIPMENT	.00	5.71-	.00	5.71
18-00-4166	INTEREST	10.37	117.52	.00	117.52-
18-90-4016	TRANSFER FROM FIRE	212,372.64	212,372.64	.00	212,372.64-
18-90-4029	TRANSFER FROM KENO	.00	.00	.00	.00
	TOTAL REVENUE	233,723.16	337,291.05	55,000.00	282,291.05-
	FIRE EQUIPMENT TOTAL	233,723.16	337,291.05	55,000.00	282,291.05-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
19-00-4065	FEES & PERMITS	15,226.88	79,409.07	60,000.00	19,409.07-
19-00-4090	OTHER LOCAL REV RECEIPTS	.00	.00	.00	.00
19-00-4105	GRANTS	.00	20,000.00	.00	20,000.00-
19-00-4106	DEVELOPER:STREET TREES	.00	.00	.00	.00
19-00-4161	INTEREST-MMA	617.10	8,266.26	.00	8,266.26-
19-00-4200	PERMIT DEPOSITS	2,000.00	16,000.00	10,000.00	6,000.00-
19-00-4205	DEVELOPER CONTRIBUTIONS	.00	2,685.00	80,000.00	77,315.00
19-00-4405	INFRASTRUCTURE FEE	2,830.00	20,918.88	50,000.00	29,081.12
19-90-4010	TRANSFER FROM GENERAL	.00	125,000.00	125,000.00	.00
	TOTAL REVENUE	20,673.98	272,279.21	325,000.00	52,720.79
19-00-5000	SALARIES - REGULAR	7,374.80	95,532.52	96,921.00	1,388.48
	TOTAL EXPENSES	7,374.80	95,532.52	96,921.00	1,388.48
	BUILDING & ZONING TOTAL	13,299.18	176,746.69	228,079.00	51,332.31

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
20-00-4050	SALES TAX	688.70	10,015.98	15,000.00	4,984.02
20-00-4071	CITY FINES	.00	.00	.00	.00
20-00-4090	OTHER LOCAL REV RECEIPTS	.00	1,199.11	.00	1,199.11-
20-00-4095	LABOR & MATERIALS SOLD - WATER	338.39	14,578.16	20,000.00	5,421.84
20-00-4105	GRANTS	.00	.00	.00	.00
20-00-4110	INSURANCE ADJUSTMENTS	.00	11,667.00	.00	11,667.00-
20-00-4130	SALE OF BONDS - WATER	.00	.00	1,800,000.00	1,800,000.00
20-00-4161	INTEREST-MMA	3,949.91	65,532.89	.00	65,532.89-
20-00-4165	INTEREST/WATER	.00	.00	.00	.00
20-00-4175	CONTRIBUTION INCOME	.00	.00	.00	.00
20-00-4200	INSURANCE PROCEEDS	.00	.00	.00	.00
20-00-4220	SCRAP SALES	.00	.00	.00	.00
20-00-4300	UTILITY SERVICE CHARGE-WATER	95,953.96	828,661.09	650,000.00	178,661.09-
20-00-4305	SALE OF WATER	.00	2,758.72	.00	2,758.72-
20-00-4400	DEPOSITS RECEIVED	.00	.00	.00	.00
20-00-4405	INFRASTRUCTURE FEE	169.80	1,255.13	.00	1,255.13-
20-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
20-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
20-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
20-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
20-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
20-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
20-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
20-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
	TOTAL REVENUE	101,100.76	935,668.08	2,485,000.00	1,549,331.92
20-00-5000	REGULAR SALARIES	13,225.39	165,131.58	177,410.00	12,278.42
	TOTAL EXPENSES	13,225.39	165,131.58	177,410.00	12,278.42
	WATER TOTAL	87,875.37	770,536.50	2,307,590.00	1,537,053.50

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
21-00-4050	SALES TAX	8,597.36	101,356.87	80,000.00	21,356.87-
21-00-4090	OTHER LOCAL REV RECEIPTS	.00	810.51	.00	810.51-
21-00-4095	LABOR & MATERIALS SOLD - SEWER	.00	.00	.00	.00
21-00-4105	GRANTS	.00	.00	.00	.00
21-00-4110	INSURANCE ADJUSTMENTS	.00	11,667.00	.00	11,667.00-
21-00-4130	SALE OF BONDS - SEWER	.00	.00	.00	.00
21-00-4161	INTEREST-MMA	9,355.11	109,575.00	.00	109,575.00-
21-00-4163	INTEREST-CD'S HORIZON	2,197.72	94,135.36	.00	94,135.36-
21-00-4164	INTEREST-CD'S FSB	.00	18,000.23	.00	18,000.23-
21-00-4175	CONTRIBUTION INCOME	.00	.00	.00	.00
21-00-4180	INTEREST INCOME	.00	.00	.00	.00
21-00-4220	SCRAP SALES	.00	.00	.00	.00
21-00-4300	UTILITY SERVICE CHARGE-SEWER	125,180.68	1,473,251.31	1,100,000.00	373,251.31-
21-00-4405	INFRASTRUCTURE FEE	226.40	1,673.51	.00	1,673.51-
21-90-4011	TRANSFER FROM SALES TAX	.00	.00	.00	.00
21-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
21-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
21-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
21-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
21-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
21-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
21-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
21-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
	TOTAL REVENUE	145,557.27	1,810,469.79	1,180,000.00	630,469.79-
21-00-5000	REGULAR SALARIES	10,654.38	127,776.41	144,000.00	16,223.59
	TOTAL EXPENSES	10,654.38	127,776.41	144,000.00	16,223.59
	SEWER TOTAL	134,902.89	1,682,693.38	1,036,000.00	646,693.38-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
22-00-4105	GRANTS	.00	.00	.00	.00
22-00-4130	CDBG GRANT PROCEEDS	.00	202,637.34	540,000.00	337,362.66
22-00-4180	INTEREST INCOME	.00	.00	.00	.00
22-00-4310	TIF REVENUE	.00	.00	.00	.00
	TOTAL REVENUE	----- .00	----- 202,637.34	----- 540,000.00	----- 337,362.66
	CDBG FUND TOTAL	===== .00 =====	===== 202,637.34 =====	===== 540,000.00 =====	===== 337,362.66 =====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
23-00-4000	COUNTY PROPERTY TAX	15,144.82	686,456.53	925,703.00	239,246.47
23-00-4005	COUNTY MOTOR VEHICLE FEE	.00	.00	.00	.00
23-00-4010	COUNTY MOTOR VEHICLE PRO RATE	.00	1,744.75	1,000.00	744.75-
23-00-4015	PROPERTY TAX CREDIT	.00	71,358.75	.00	71,358.75-
23-00-4020	PROPERTY TAX CREDIT	.00	.00	.00	.00
23-00-4023	TRANSFER FROM CO. BOND	.00	.00	.00	.00
23-00-4030	CO. CARLINE	7.49	69.24	.00	69.24-
23-00-4037	COUNTY SPECIAL ASSESSMENTS	.00	31,697.77	40,500.00	8,802.23
23-00-4040	COUNTY IN LIEU OF TAX	.00	3,989.48	3,000.00	989.48-
23-00-4055	COUNTY HOMESTEAD EXEMPTION	.00	20,871.28	.00	20,871.28-
23-00-4090	OTHER LOCAL REV RECEIPTS	.00	.00	.00	.00
23-00-4130	COUNTY BOND PROCEEDS	.00	.00	.00	.00
23-00-4162	INTEREST-NE CLASS	1,472.78	14,543.37	.00	14,543.37-
23-00-4165	INT EARNED ON CO. BOND	.00	.00	.00	.00
23-00-4166	INT EARNED ON CO. DEBT FUND	.00	.00	.00	.00
23-00-4167	INTEREST FSB	50.11	517.65	.00	517.65-
23-00-4170	INT EARNED ON BOND NOTE	.00	.00	.00	.00
23-00-4415	AG LAND TAX CREDIT	.00	30.24	.00	30.24-
23-90-4010	TRANSER FROM GENERAL	.00	.00	.00	.00
23-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
23-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
23-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
23-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
23-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
23-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
23-90-4023	TRANSFER FROM CO. BOND	.00	.00	.00	.00
23-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
23-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
23-90-4033	TRANSFER FROM TIF G	.00	.00	.00	.00
23-90-4035	TRANSFER FROM TIF ADMIN W/H	.00	.00	.00	.00
	TOTAL REVENUE	16,675.20	831,279.06	970,203.00	138,923.94
	DEBT SERVICE TOTAL	16,675.20	831,279.06	970,203.00	138,923.94

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
24-00-4180	INTEREST INCOME	17.38	129.99	.00	129.99-
24-00-4310	TIF REVENUES	.00	204,517.76	120,000.00	84,517.76-
	TOTAL REVENUE	17.38	204,647.75	120,000.00	84,647.75-
	TIF H: TSC DISTR CENTER TOTAL	17.38	204,647.75	120,000.00	84,647.75-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
25-00-4180	INTEREST INCOME	6.62	58.99	.00	58.99-
25-00-4310	TIF REVENUES	.00	49,468.70	37,000.00	12,468.70-
25-90-4024	TRANSFER FROM TIF A	.00	.00	.00	.00
	TOTAL REVENUE	6.62	49,527.69	37,000.00	12,527.69-
	TIF I: TSC RETAIL STORE TOTAL	6.62	49,527.69	37,000.00	12,527.69-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
26-00-4180	INTEREST INCOME	.00	.00	.00	.00
26-00-4310	TIF REVENUE	.00	.00	.00	.00
26-90-4035	TRANS FROM TIF ADMIN	.00	.00	.00	.00
	TOTAL REVENUE	----- .00	----- .00	----- .00	----- .00
	TIF C: MBA POULTRY A TOTAL	===== .00 =====	===== .00 =====	===== .00 =====	===== .00 =====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
27-00-4180	INTEREST INCOME	.00	.00	.00	.00
27-00-4310	TIF REVENUE	.00	.00	.00	.00
27-90-4035	TRANS FROM TIF ADMIN	.00	.00	.00	.00
	TOTAL REVENUE	----- .00	----- .00	----- .00	----- .00
	TIF D: MBA POULTRY B TOTAL	===== .00 =====	===== .00 =====	===== .00 =====	===== .00 =====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
28-00-4090	OTHER LOCAL REV RECEIPTS	.00	.00	.00	.00
28-00-4105	GRANTS	.00	.00	.00	.00
28-00-4110	INSURANCE ADJUSTMENTS	.00	.00	.00	.00
28-00-4155	GIFTS OR DONATIONS	.00	.00	.00	.00
28-00-4161	INTEREST-MMA	13.32	1,034.29	.00	1,034.29-
28-00-4164	INTEREST-CD'S FSB	.00	2,980.67	.00	2,980.67-
28-00-4167	INTEREST FSB	.00	19.77	.00	19.77-
28-00-4180	INTEREST/CEMETERY FUNDS	20.35	209.85	.00	209.85-
28-00-4185	CEMETERY RECEIPTS	1,600.00	34,205.00	5,000.00	29,205.00-
28-90-4010	TRANSFER FROM GENERAL	.00	41,000.00	.00	41,000.00-
28-90-4011	TRANSFER FROM SALES TAX	.00	.00	.00	.00
28-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
28-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
28-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
28-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
28-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
28-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
28-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
28-90-4028	TRANSFER IN - CEMETERY	.00	.00	.00	.00
28-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
	TOTAL REVENUE	1,633.67	79,449.58	5,000.00	74,449.58-
28-00-5000	REGULAR SALARIES	2,112.08	27,735.89	40,000.00	12,264.11
	TOTAL EXPENSES	2,112.08	27,735.89	40,000.00	12,264.11
	CEMETERY TOTAL	478.41-	51,713.69	35,000.00-	86,713.69-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
29-00-4090	OTHER LOCAL REV RECEIPTS	.00	3,975.00	.00	3,975.00-
29-00-4130	Bond Proceeds	.00	.00	.00	.00
29-00-4162	INTEREST-NE CLASS	2,815.79	26,638.54	.00	26,638.54-
29-00-4165	INTEREST CD PINNACLE	.00	1,818.53	1,000.00	818.53-
29-00-4166	INTEREST	56.38	1,585.26	.00	1,585.26-
29-00-4167	INTEREST FSB	132.03	1,548.95	.00	1,548.95-
29-00-4193	KENO OPERATING RECEIPTS	55,013.18	962,609.37	1,000,000.00	37,390.63
29-00-4195	KENO - CITY COMMISSIONS	26,661.46	293,533.28	200,000.00	93,533.28-
29-00-4200	MISC INCOME	.00	21,395.07	5,000.00	16,395.07-
29-90-4012	TRANSFER FROM STREET	.00	.00	.00	.00
29-90-4013	TRANSFER FROM POOL	.00	.00	.00	.00
29-90-4014	TRANSFER FROM PARK	.00	.00	.00	.00
29-90-4016	TRANSFER FROM FIRE/RESCUE	.00	.00	.00	.00
29-90-4020	TRANSFER FROM WATER	.00	.00	.00	.00
29-90-4021	TRANSFER FROM SEWER	.00	.00	.00	.00
29-90-4023	TRANSFER FROM DEBT SERVIC	.00	.00	.00	.00
29-90-4028	TRANSFER FROM CEMETARY	.00	.00	.00	.00
29-90-4029	TRANSFER FROM LOTTERY	.00	.00	.00	.00
29-90-4033	TRANSFER FROM TIF G	.00	349,160.79	.00	349,160.79-
	TOTAL REVENUE	84,678.84	1,662,264.79	1,206,000.00	456,264.79-
	LOTTERY TOTAL	84,678.84	1,662,264.79	1,206,000.00	456,264.79-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
30-00-4130	TIF NOTE PROCEEDS	.00	.00	.00	.00
30-00-4180	INTEREST INCOME	.16	7.39	.00	7.39-
30-00-4310	TIF REVENUE	.00	64,920.61	85,000.00	20,079.39
30-90-4035	TRANSFER FROM TIF ADMIN	.00	.00	.00	.00
	TOTAL REVENUE	----- .16	----- 64,928.00	----- 85,000.00	----- 20,072.00
	TIF E: WATTS ELECTRIC TOTAL	===== .16 =====	===== 64,928.00 =====	===== 85,000.00 =====	===== 20,072.00 =====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
32-00-4130	TIF F NOTE PROCEEDS	.00	.00	.00	.00
32-00-4180	INTEREST INCOME	.23	10.71	.00	10.71-
32-00-4310	TIF F REVENUE	.00	61,442.33	54,000.00	7,442.33-
	TOTAL REVENUE	.23	61,453.04	54,000.00	7,453.04-
	TIF F: KAMTERTER TOTAL	.23	61,453.04	54,000.00	7,453.04-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
33-00-4130	TIF G NOTE PROCEEDS	.00	.00	.00	.00
33-00-4162	INTEREST-NE CLASS	4,354.06	49,739.07	.00	49,739.07-
33-00-4180	INTEREST INCOME- TIF G	370.64	1,813.96	.00	1,813.96-
33-00-4310	TIF G REVENUE	11,289.42	294,996.34	170,000.00	124,996.34-
33-90-4011	TRANSFER FROM SALES TAX	.00	.00	.00	.00
33-90-4024	TRANSFER FROM TIF H	.00	.00	.00	.00
33-90-4029	TRANSFER FROM LOTTERY	.00	349,160.79	.00	349,160.79-
	TOTAL REVENUE	16,014.12	695,710.16	170,000.00	525,710.16-
	TIF G; BUCKET B AREA TOTAL	16,014.12	695,710.16	170,000.00	525,710.16-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
34-00-4130	TIF J NOTE PROCEEDS	.00	.00	.00	.00
34-00-4180	INTEREST INCOME - TIF J	.00	.62	.00	.62-
34-00-4310	TIF J REVENUE	.00	8,232.62	12,000.00	3,767.38
	TOTAL REVENUE	.00	8,233.24	12,000.00	3,766.76
	TIF J: VACEK ENTERPRISES TOTA	.00	8,233.24	12,000.00	3,766.76

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
35-00-4162	INTEREST-NE CLASS	638.21	8,031.84	.00	8,031.84-
35-00-4180	INTEREST INCOME ADMIN W/H	.00	.06	500.00	499.94
35-00-4310	ADMIN W/H REVENUE	.00	.00	.00	.00
35-00-4400	TRANSFERS IN	.00	.00	.00	.00
35-90-4023	TRANSFER FR TIF C MBA POULTRY	.00	.00	.00	.00
35-90-4026	TRANSFER FR TIF C MBA POULTRY	.00	.00	.00	.00
35-90-4027	TRANSFER FROM TIF D	.00	.00	.00	.00
	TOTAL REVENUE	638.21	8,031.90	500.00	7,531.90-
	TIF ADMIN W/H FUNDS TOTAL	638.21	8,031.90	500.00	7,531.90-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
36-00-4180	INTEREST EARNED	.99	4.76	.00	4.76-
36-00-4310	TIF REVENUE	.00	45,084.95	40,000.00	5,084.95-
	TOTAL REVENUE	----- .99	----- 45,089.71	----- 40,000.00	----- 5,089.71-
	TIF K: WOODSTOCK LLC TOTAL	===== .99 =====	===== 45,089.71 =====	===== 40,000.00 =====	===== 5,089.71- =====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
37-00-4090	OTHER LOCAL REV RECEIPTS	.00	.00	.00	.00
37-00-4130	BOND PROCEEDS	.00	.00	.00	.00
37-00-4180	INTERST INCOME	.39	2.02	.00	2.02-
37-00-4310	TIF REVENUES	.00	21,285.81	10,000.00	11,285.81-
	TOTAL REVENUE	-----	-----	-----	-----
		.39	21,287.83	10,000.00	11,287.83-
	TIF L NW ELECTRIC TOTAL	=====	=====	=====	=====
		.39	21,287.83	10,000.00	11,287.83-
		=====	=====	=====	=====

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
38-00-4090	OTHER LOCAL REV RECEIPTS	.00	2,500.00	.00	2,500.00-
38-00-4166	INTEREST	1.14	12.54	.00	12.54-
38-00-4195	LOTTERY RECEIPTS	.00	8,879.30	.00	8,879.30-
	TOTAL REVENUE	1.14	11,391.84	.00	11,391.84-
	FIRE/RESCUE LOTTERY/RAFFL TOTA	1.14	11,391.84	.00	11,391.84-

REVENUE & EXPENSE REPORT
CALENDAR 9/2024, FISCAL 12/2024

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
	Report Total	773,639.66	1,651,499.54	3,692,066.00	2,040,566.46

**TREASURER'S REPORT
CALENDAR 9/2024, FISCAL 12/2024**

ACCT	TITLE	LAST REPORT ON HAND	DISBURSED	RECEIVED	CHANGE IN LIABILITY	BALANCE
10	GENERAL	1,267,182.39	59,674.33	51,913.93	509.74	1,259,931.73
11	CITY SALES TAX	3,655,786.55	.00	64,624.56	.00	3,720,411.11
12	STREET	849,067.34	40,550.11	51,386.14	725.00-	859,178.37
13	POOL	986,513.45	18,636.16	34,066.35	59.40-	1,001,884.24
14	PARK	221,260.01	35,338.12	2,539.34	462.50-	187,998.73
15	ARPA	203,521.10	141,387.29	204.73	.00	62,338.54
16	FIRE DEPARTMENT	242,514.95	255,362.45	12,847.50	.00	.00
17	FIRE DONATION	50,760.68	132.00	1,120.96	.00	51,749.64
18	FIRE EQUIPMENT	274,290.69	16,354.81	233,723.16	.00	491,659.04
19	BUILDING & ZONING	191,335.94	11,399.26	20,673.98	300.00-	200,310.66
20	WATER	1,309,488.40	166,795.08	101,100.76	25.00-	1,243,769.08
21	SEWER	5,288,287.45	51,907.98	145,557.27	400.00-	5,381,536.74
22	CDBG FUND	.00	.00	.00	.00	.00
23	DEBT SERVICE	376,701.34	.00	16,675.20	.00	393,376.54
24	TIF H: TSC DISTR CENTE	102,320.54	.00	17.38	.00	102,337.92
25	TIF I: TSC RETAIL STOR	16,572.51	.00	6.62	.00	16,579.13
26	TIF C: MBA POULTRY A	.00	.00	.00	.00	.00
27	TIF D: MBA POULTRY B	.00	.00	.00	.00	.00
28	CEMETERY	107,525.34	4,357.90	1,633.67	137.50-	104,663.61
29	LOTTERY	878,018.74	162,810.17	84,678.84	.00	799,887.41
30	TIF E: WATTS ELECTRIC	3.86	800.00	.16	.00	795.98-
31	PAYROLL	.00	.00	.00	.00	.00
32	TIF F: KAMTERTER	5.69	.00	.23	.00	5.92
33	TIF G; BUCKET B AREA	1,151,928.01	.00	16,014.12	.00	1,167,942.13
34	TIF J: VACEK ENTERPRIS	3,479.68	.00	.00	.00	3,479.68
35	TIF ADMIN W/H FUNDS	151,711.95	800.00	638.21	.00	151,550.16
36	TIF K: WOODSTOCK LLC	11,597.76	.00	.99	.00	11,598.75
37	TIF L NW ELECTRIC	9,137.56	.00	.39	.00	9,137.95
38	FIRE/RESCUE LOTTERY/RA	5,939.04	.00	1.14	.00	5,940.18
Report Total		17,354,950.97	966,305.66	839,425.63	1,599.66-	17,226,471.28

TRIAL BALANCE
CALENDAR 9/2024, FISCAL 12/2024

ACCOUNT NUMBER	ACCOUNT TITLE	PTD BAL.	YTD BAL.
10-00-1000	CASH IN BANK - GENERAL	11,199.05-	58,921.78
10-00-1007	CASH IN BANK - MMA	3,948.39	1,180,659.46
10-00-1010	CASH AT COUNTY TREASURER	.00	20,350.49
11-00-1000	CASH IN BANK - CITY SALES TAX	66,061.38-	.00
11-00-1007	CASH IN BANK - MMA	130,685.94	1,068,353.49
11-00-1035	CD #19806 SALES TAX	.00	1,867,468.27
11-00-1036	CD# 19937 SALES TAX	.00	784,589.35
12-00-1000	CASH IN BANK - STREET	19,421.92	50,977.46
12-00-1007	CASH IN BANK - MMA	9,310.89-	808,200.91
13-00-1000	CASH IN BANK - POOL	21,810.69-	51,791.42
13-00-1007	CASH IN BANK - MMA	45,923.90	578,220.06
13-00-1016	CASH IN BANK-NE CLASS	9,405.05-	371,019.73
13-00-1030	CASH IN BANK-AQUATIC CENTER	662.63	853.03
14-00-1000	CASH IN BANK - PARK	8,997.62-	25,440.80
14-00-1002	PARK & REC FUND	.00	.00
14-00-1003	PARK & REC SCHOLARSHIP ACCT	.17	903.68
14-00-1007	CASH IN BANK - MMA	3.28	981.81
14-00-1016	CASH IN BANK-NE CLASS	24,267.11-	160,672.44
15-00-1000	CASH IN BANK - ARPA	612.71	807.88
15-00-1007	CASH IN BANK - MMA	141,795.27-	61,530.66
16-00-1000	CASH IN BANK - FIRE DEPT.	28,400.05-	.00
16-00-1007	CASH IN BANK - MMA	214,114.90-	.00
17-00-1000	CASH IN BANK - BURN PERMIT CC	10.00-	.00
17-00-1012	CASH IN BANK-FIRE DONATION	809.08	6,478.93
17-00-1016	CASH IN BANK - NE CLASS	189.88	45,270.71
18-00-1000	CASH IN BANK - FIRE EQUIP FUND	.00	.00
18-00-1001	CASH IN BANK-FIREEQUIP HORIZON	3,323.59	46,205.55
18-00-1007	CASH IN BANK - MMA	213,125.88	226,377.00
18-00-1016	CASH IN BANK - NE CLASS	918.88	219,076.49
18-00-1030	CD# 19609 FIRE EQUIP	.00	.00
19-00-1000	CASH IN BANK-BUILDING & ZONING	8,357.62	14,842.92
19-00-1007	CASH IN BANK - MMA	617.10	185,467.74
20-00-1000	CASH IN BANK - WATER	5,330.77	56,635.52
20-00-1007	CASH IN BANK - MMA	71,050.09-	1,187,133.56
21-00-1000	CASH IN BANK - SEWER	28,303.54-	55,922.98
21-00-1004	2010 BOND RESERVE	.00	.00
21-00-1007	CASH IN BANK - MMA	119,355.11	2,811,638.42
21-00-1009	2012 BOND RESERVE	.00	.00
21-00-1030	CD# 832 SEWER	371.27	29,539.10
21-00-1031	CD #4048 SEWER FSB	.00	371,811.06
21-00-1033	CD #19643 SEWER HORIZON	1,826.45	532,943.69
21-00-1034	CD #19805 SEWER HORIZON	.00	533,562.37
21-00-1037	CD #19938	.00	1,046,119.12
22-00-1000	CASH IN BANK- CBDG FUNDS	.00	.00
23-00-1000	CASH IN BANK - COUNTY BOND	.00	.00
23-00-1003	CASH IN BANK-COUNTY BOND MM	15,202.42	36,201.74
23-00-1008	COP TRUST RESERVE	.00	.00
23-00-1010	CASH AT COUNTY TREASURER	.00	6,082.95
23-00-1016	CASH IN BANK - NE CLASS	1,472.78	351,091.85

TRIAL BALANCE
CALENDAR 9/2024, FISCAL 12/2024

ACCOUNT NUMBER	ACCOUNT TITLE	PTD BAL.	YTD BAL.
24-00-1000	CASH IN BANK - TIF H	.00	.00
24-00-1017	CASH IN BANK-NOTE H TSC DISTR	17.38	102,337.92
25-00-1000	CASH IN BANK- TIF I	.00	.00
25-00-1018	CASH IN BANK-NOTE I TSC RETAIL	6.62	16,579.13
26-00-1000	CASH IN BANK - TIF C	.00	.00
26-00-1010	CASH AT COUNTY TREASURER	.00	.00
26-00-1019	CASH IN BANK-NOTE C MBA POUL A	.00	.00
27-00-1000	CASH IN BANK - TIF D	.00	.00
27-00-1010	CASH AT COUNTY TREASURER	.00	.00
27-00-1020	CASH IN BANK-NOTE D MBA POUL B	.00	.00
28-00-1000	CASH IN BANK - CEMETERY	114.60	4,014.04
28-00-1007	CASH IN BANK - MMA	18,736.68-	4,003.54
28-00-1011	CASH IN BANK-ROSEHILL MMA	15,760.35	27,356.63
28-00-1031	CD #3133 CEMETERY FSB	.00	69,289.40
29-00-1000	CASH IN BANK - KENO	.00	.00
29-00-1005	CASH IN BANK-LOTTERY PRIZE MMA	132.03	78,645.74
29-00-1006	CERTIFICATE OF DEPOSIT	.00	.00
29-00-1013	CASH IN BANK-KENO OPERAT ACCT	8,659.82-	42,307.44
29-00-1014	CASH IN BANK-FIXED KENO ACCT	21,419.33-	26,781.45
29-00-1016	CASH IN BANK - NE CLASS	48,184.21-	652,152.78
29-00-1030	CD #0065 KENO PINNACLE	.00	.00
30-00-1000	CASH IN BANK - TIF E	.00	.00
30-00-1021	CASH IN BANK-NOTE E WATTS ELEC	799.84-	795.98-
31-00-1000	CASH IN BANK - PAYROLL	.00	.00
32-00-1000	CASH IN BANK - TIF F	.00	.00
32-00-1022	CASH IN BANK-NOTE F KAMKERTER	.23	5.92
33-00-1000	CASH IN BANK - TIF G	.00	.00
33-00-1010	CASH AT COUNTY TREASURER	.00	632.63
33-00-1016	CASH IN BANK - NE CLASS	4,354.06	1,038,082.90
33-00-1023	CASH IN BANK-NOTE G BUCKET B	11,660.06	129,226.60
34-00-1000	CASH IN BANK - TIF J	.00	.00
34-00-1010	CASH AT COUNTY TREASURER-TIF J	.00	3,479.43
34-00-1024	CASH IN BANK-NOTE J VASEK ENT	.00	.25
35-00-1000	CASH ACCOUNT - ADMIN W/H	.00	.00
35-00-1016	CASH IN BANK - NE CLASS	161.79-	151,485.77
35-00-1025	CASH IN BANK-ADMIN W/H FUNDS	.00	64.39
36-00-1026	CASH IN BANK-TIF K WOODSTOCK	.99	11,598.75
37-00-1028	CASH IN BANK-NOTE L NW ELECTR	.39	9,137.95
38-00-1045	FIRE/RESCUE/LOTTERY/RAFFLE	1.14	5,940.18
	PROOF	128,479.69-	17,226,471.28

RESOLUTION NUMBER 24-23

RESOLUTION APPROVING ADDITIONAL VOLUNTEER FIRE/RESCUE DEPARTMENT MEMBER(S)

BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF WAVERLY, NEBRASKA:

That the following list of additional member(s) of the Volunteer Fire/Rescue Department of the City of Waverly is hereby approved:

EMILY SWOBODA

All member(s) of the Volunteer Fire/Rescue Department of the City duly approved as provided in this Resolution shall be considered employee(s) of the City of Waverly for the purpose of providing them Worker's Compensation coverage and life insurance.

PASSED AND APPROVED THIS 8TH DAY OF OCTOBER, 2024.

William D. Gerdes
Mayor

ATTEST:

Megan K Frye
City Clerk/Human Resources Assistant

(SEAL)

Waverly Volunteer Fire/Rescue Department
A Great **Membership Application**

Name: Emily Swoboda
Date: 08 / 15 / 2024

Are you 18 years of age or older? (Circle one) **YES** or NO

Occupation: Swim instructor + student

Do you live or work in Waverly? (Circle one) YES or **NO** Email:

Previous Experience involving Fire and Rescue

1) Department Name and Location: _____

Date Started: _____

Date Ended: _____

Responsibilities while Serving: _____

Reason (s) for leaving: _____

2) Department Name and Location: _____

Date Started: _____

Date Ended: _____

Responsibilities while Serving: _____

Reason (s) for leaving: _____

(If needed please attach additional department details to your application)

Training

Please list course names, date completed, where taken and who instructor was. Please be able to present certificates if needed.

1. CPR & AED training by Red Cross @ Nebraska Wesleyan

2. _____

3. _____

(If needed please attach additional training details to your application)

Applicant Signature:

[Signature]

Date: 08-15-24

Fire Chief Signature:

[Signature]

Date: 9-25-24

Emergency Services Coordinator Signature:

[Signature]

Date: 9/27/24

***** Administrative

Use*****

Background Check: Failed Passed Failed
Drug Screen: Failed Passed Failed

Clerk Signature:

[Signature]

Date: 10-8-24

RESOLUTION 24-24

RESOLUTION AUTHORIZING THE TEMPORARY CLOSING OF OLDFIELD STREET FROM N 137TH TO CANONGATE ROAD; CANONGATE ROAD FROM OLDFIELD STREET TO KENILWORTH STREET; KENILWORTH STREET FROM CANONGATE ROAD TO N 142ND STREET; N 142ND STREET FROM KENILWORTH STREET TO LANCASHIRE STREET; LANCASHIRE STREET FROM N 142ND STREET TO WOODSTOCK STREET; AND WOODSTOCK STREET FROM LANCASHIRE TO N 148TH STREET FROM 5:30 P.M. TO 7:00 P.M. ON SUNDAY, DECEMBER 8, 2024

WHEREAS, Waverly Fire and Rescue has requested approval to hold a parade for the 2024 Santa Express and Tree Lighting event on December 8, 2024; and

WHEREAS, they have requested the temporary closing of Oldfield Street from N 137th Street to Canongate Road; Canongate Road from Oldfield Street to Kenilworth Street; Kenilworth Street from Canongate Road to N 142nd Street; N 142nd Street from Kenilworth Street to Lancashire Street; Lancashire Street from N 142nd Street to Woodstock Street; and Woodstock Street from Lancashire Street to N 148th Street from 5:30 p.m. to 7:00 p.m. on Sunday, December 8, 2024; and

WHEREAS, the City of Waverly has agreed to provide the necessary signage barricades to prohibit vehicular traffic from 5:30 p.m. to 7:00 p.m. at the outlined locations with the understanding that the volunteers of the Waverly Fire and Rescue Department will install the barricades by 5:30 p.m. and remove the barricades by 7:00 p.m. on Sunday, December 8, 2024.

NOW THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF WAVERLY, NEBRASKA that barricades be provided and placed by 5:30 p.m. on December 8, 2024 to prohibit vehicular traffic except emergency vehicles on Oldfield Street from N 137th Street to Canongate Road; Canongate Road from Oldfield Street to Kenilworth Street; Kenilworth Street from Canongate Road to N 142nd Street; N 142nd Street from Kenilworth Street to Lancashire Street; Lancashire Street from N 142nd Street to Woodstock Street; and Woodstock Street from Lancashire Street to N 148th Street after 5:30 p.m. on December 8, 2024 until 7:00 p.m. on December 8, 2024.

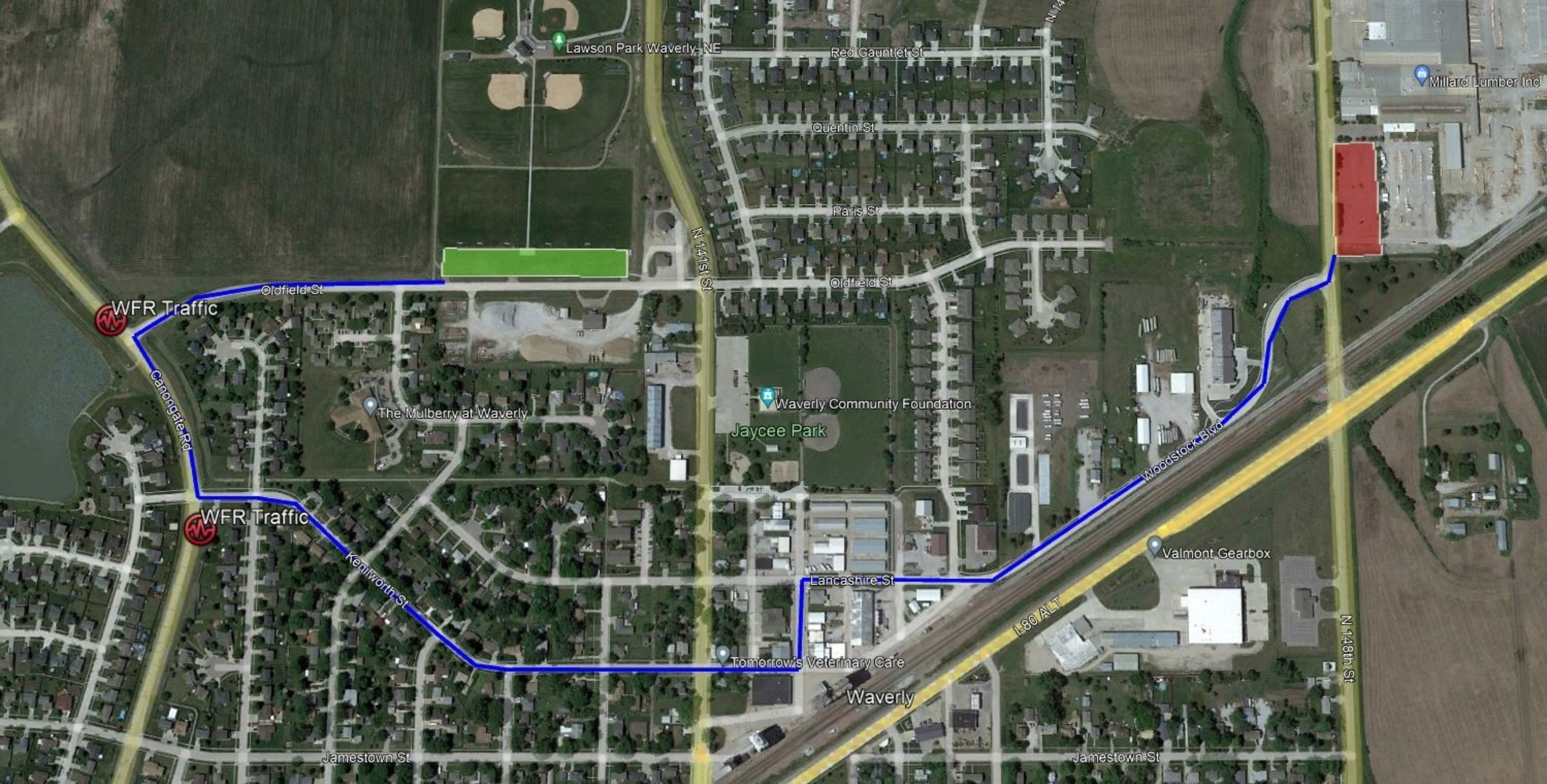
PASSED AND APPROVED THIS 10TH DAY OF OCTOBER, 2024.

William D. Gerdes
Mayor

ATTEST:

Megan K. Frye
City Clerk/Human Resources Assistant

(Seal)



Lawson Park Waverly, NE

Red Gauntlet St

Millard Lumber Inc

Quentin St

Paris St

N 141st St

Oldfield St

Oldfield St

WFR Traffic

Canongate Rd

The Mulberry at Waverly

Jaycee Park

Waverly Community Foundation

Woodstock Blvd

WFR Traffic

Kenilworth St

Valmont Gearbox

Lancashire St

Tomorrow's Veterinary Care

Waverly

I-80 ALT

N 148th St

Jamestown St

Jamestown St



Waverly Water Update October 2024








U.S. Drought Monitor

[Current](#) [Maps](#) [Data](#) [Summary](#) [About](#) [Conditions & Outlooks](#) [Ag in Drought](#) [En Español](#) [NADM](#)

Map released: Thurs. October 3, 2024

Data valid: October 1, 2024 at 8 a.m. EDT

Intensity

-  None
-  D0 (Abnormally Dry)
-  D1 (Moderate Drought)
-  D2 (Severe Drought)
-  D3 (Extreme Drought)
-  D4 (Exceptional Drought)
-  No Data

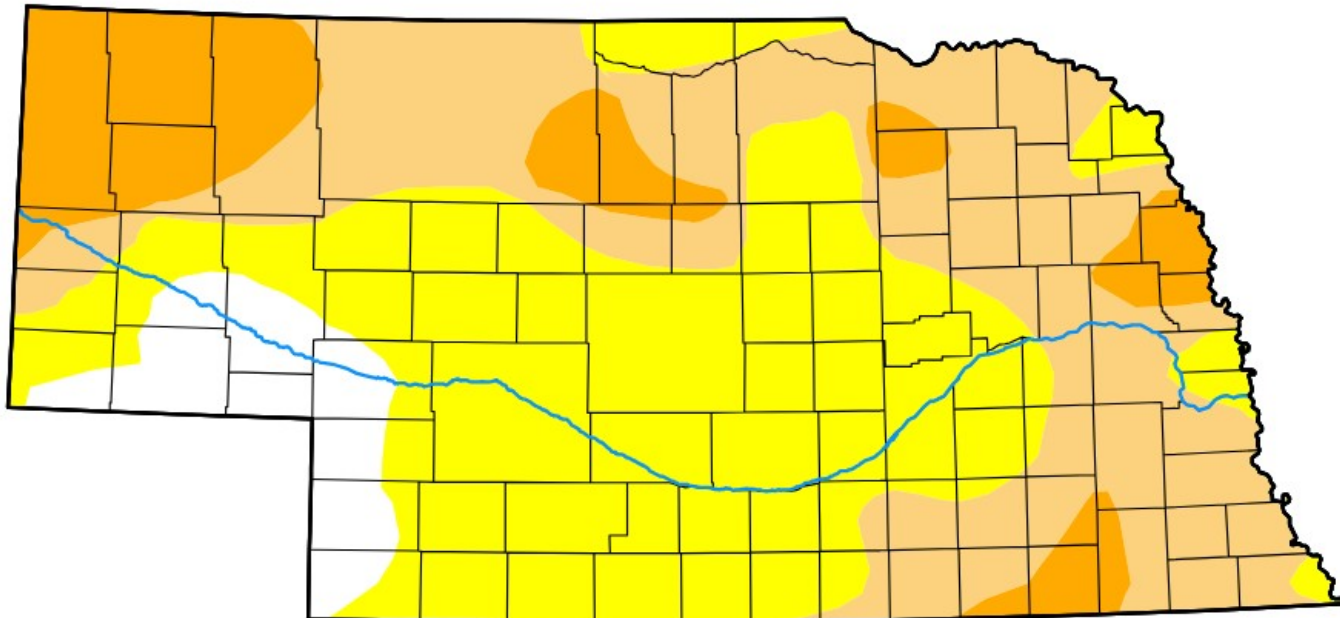
Authors

United States and Puerto Rico Author(s):

[Richard Tinker](#), NOAA/NWS/NCEP/CPC

Pacific Islands and Virgin Islands Author(s):

[Denise Gutzmer](#), National Drought Mitigation Center



We had the SCADA controls changed to customized which wells run each day of the week, rather than rotating 4 wells one day and 4 the next. Now we have a seven-day schedule to custom program each day.

Test wells RFPS have been set out and once that firm is chosen, we will send out bids to have the test holes and test wells drilled, then moving forward with additional capacity of production wells can be decided on where, how many, budgeting, engineering, land and ROW access, and construction of additional wells or wellfields can take place.

The 2023 drought was in comparison to the 1936 drought and is not typical climatological for this region. Waverly was not the only city to see static levels drop in 2023 as region wide static levels dropped and was not unique only to Waverly. Several other cities that are on water restrictions now include Bennet, and Auburn just announced water restrictions this week.

Currently we are at 22.96 inches of precipitation for the year Jan-Sept 2024 compared to last year at 18.84 in. Jan-Sept 2023, however we have not had an inch of rain since August 1, 2024, and received only 0.20 inches since then.

However Static water levels remain on the low end historically.

Water use

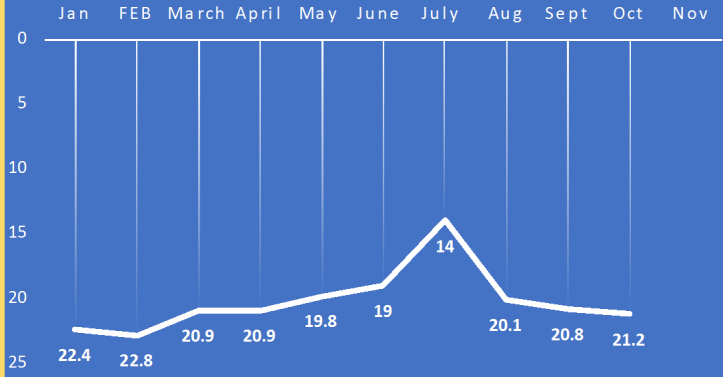
All wells monthly total	12,849,314	11,939,898	13,268,481	18,093,805	30,387,370	34,230,812	20,758,649	19,475,559	17,856,184
2023	January	February	March	April	May	June	July	August	September
Daily average	414,494	426,425	428,016	603,127	980,238	1,141,027	669,634	628,244	595,206
All wells monthly total	13,090,611	12,600,434	13,794,359	17,760,450	17,914,132	20,925,582	24,307,450	26,113,443	27,917,243
2024	January	February	March	April	May	June	July	August	September
Daily average	422,278	434,498	444,979	592,015	577,875	697,519	784,111	842,369	930,575

2024 we have used 4.4 million gallons less than the same time of 2023. Last month we where 15.2 million gallons less than last year.

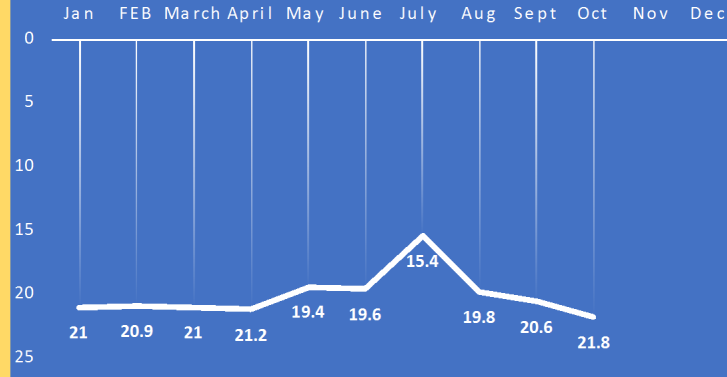
Our daily average continues to increase, with September using the most water so far at almost 28 million gallons.

										as of July 2	as of Aug 11	as of Sept 8	as of Oct 8		
Pumping Levels distance from shutoff points															
	Well	Speed	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
	4	100%	4.7	5.9	6.8	7.2	5.5	5.5	11	5.7	5.6	5.4			
	5	94%	1.1	1.5	3	3	3	3.2	6.2	2.4	1.4	0.8			
	6	83%	0.8	12.7	10	9.4	9.1	9.4	10.3	9.1	8.6	9.9			
	7										6.4	5.3			
	8	100%	9.2	9.2	9.1	8.8	6.3	8.2	6.8	5	6.6	6.5			
	9	85%	4.1	6.5	7.1	7.1	11.4	14.9	16	14.2	15.2	14.8			
	10	100%	19.7	18.3	18.1	18.2	19.8	17.4	20.1	18.3	18.2	17.9			
	11	85%	22.2	11.5	11.5	11.3	11.4	10.7	11.6	9.9	10.3	10.1			
	Precip. Inches	22.96	0.95	0.51	1.09	3.42	4.78	3.28	7.23	1.5	0.2	0			
										as of July 2	as of Aug 11	as of Sept 8	as of Oct 8		
Static Levels- Water distance from ground level															
	Well		Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
	4		22.4	22.8	20.9	20.9	19.8	19	14	20.1	20.8	21.2			
	5		21	20.9	21	21.2	19.4	19.6	15.4	19.8	20.6	21.8			
	6		80	79.9	79.7	81.1	81.2	81.8	81.1	82.5	82.7	82.5			
	7										64.1	64.7			
	8		73.8	74.3	73.3	73.8	73.9	74.4	74.1	75.2	75.4	75.2			
	9		104.8	104.7	102	102	102.8	103.7	102.9	105	104.9	105			
	10		85	85.9	85.9	86.2	86.9	87.8	86.2	88.5	88.9	88.8			
	11		98	101.5	98.1	99.3	99.1	99.6	98.9	101	100.7	101			
	Precip. Inches	22.96	0.95	0.51	1.09	3.42	4.78	3.28	7.23	1.5	0.2	0			

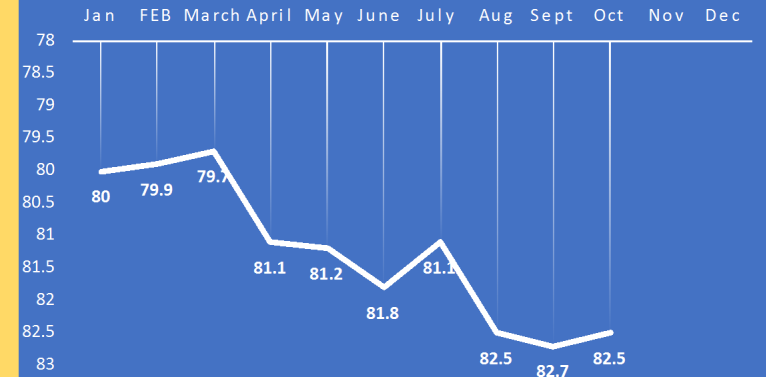
WELL #4 STATIC LEVELS 2024



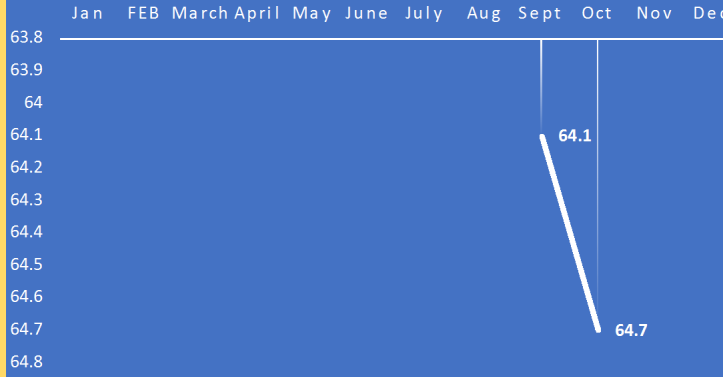
WELL #5 STATIC LEVELS 2024



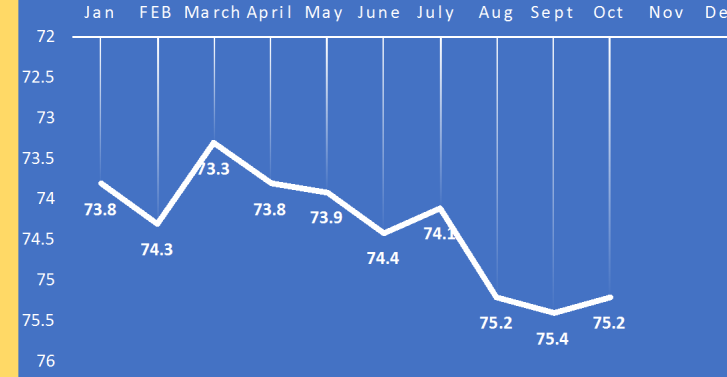
WELL #6 STATIC LEVELS 2024



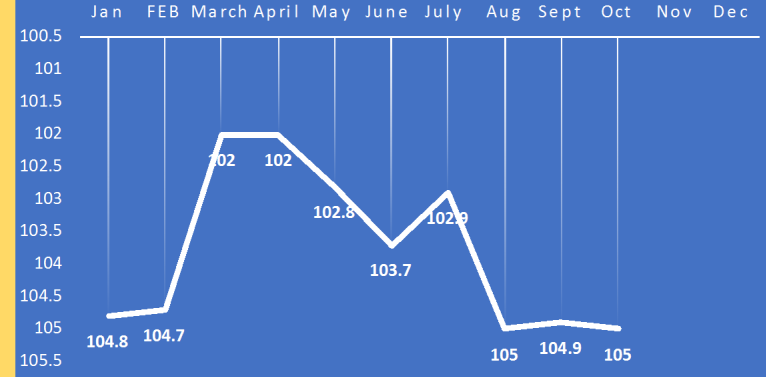
WELL #7 STATIC LEVELS 2024



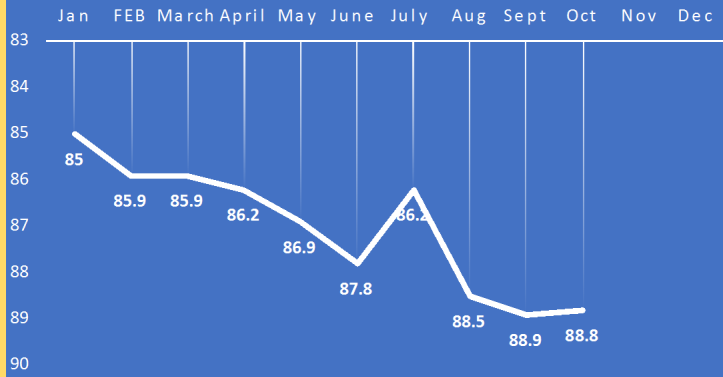
WELL #8 STATIC LEVELS 2024



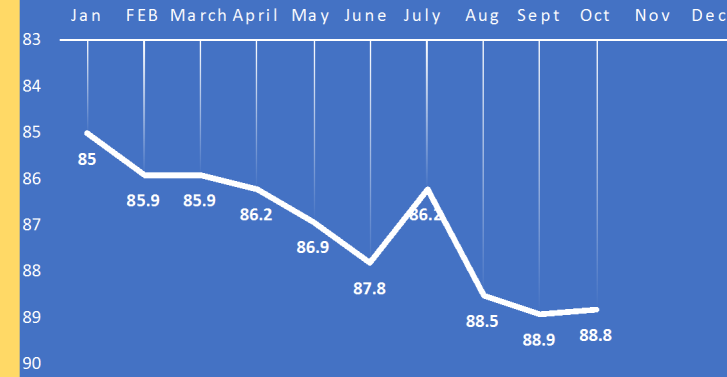
WELL #9 STATIC LEVELS 2024



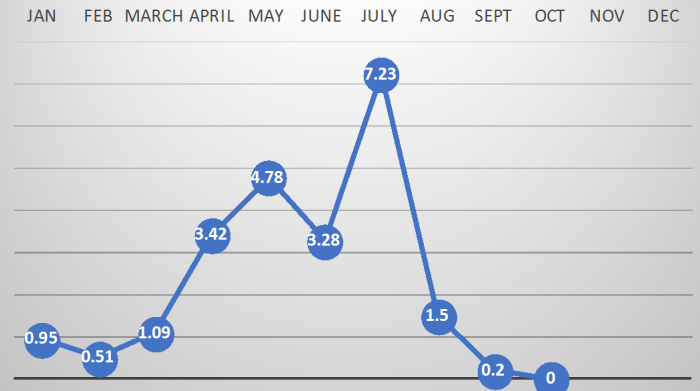
WELL #10 STATIC LEVELS 2024



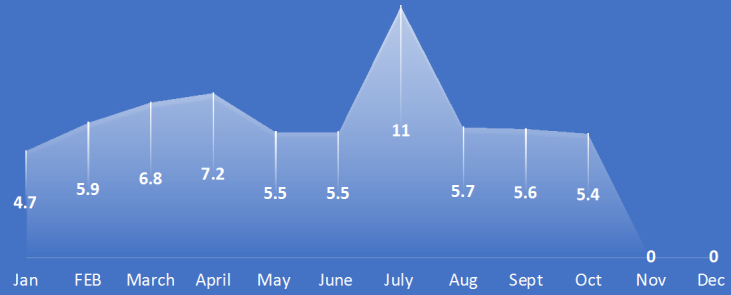
WELL #11 STATIC LEVELS 2024



Precipitation 2024



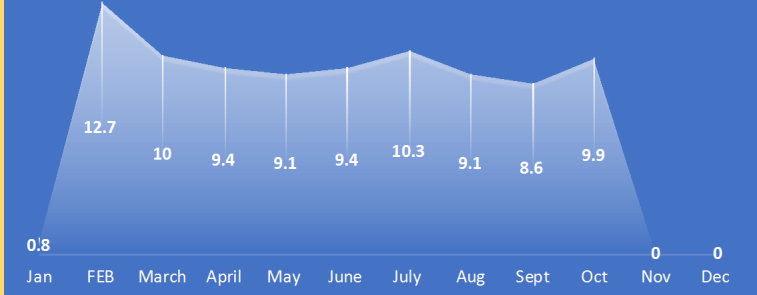
WELL # 4 PUMPING LEVEL TO SHUTOFF



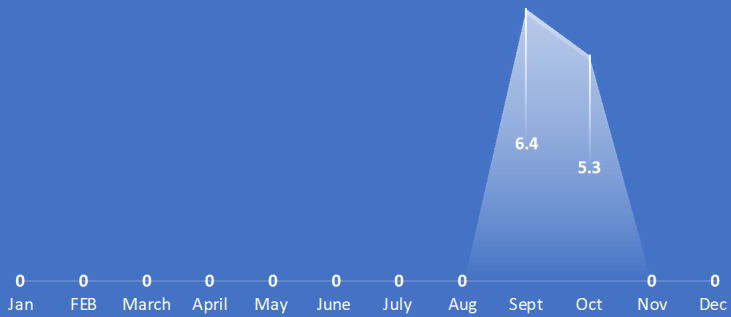
WELL # 5 PUMPING LEVEL TO SHUTOFF



WELL # 6 PUMPING LEVEL TO SHUTOFF



WELL # 7 PUMPING LEVEL TO SHUTOFF



WELL # 8 PUMPING LEVEL TO SHUTOFF



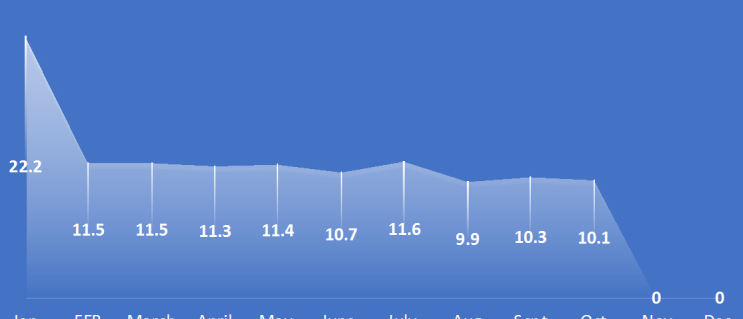
WELL # 9 PUMPING LEVEL TO SHUTOFF



WELL #10 PUMPING LEVEL TO SHUTOFF



WELL # 11 PUMPING LEVEL TO SHUTOFF



WAVERLY WELL LEVELS

Well #4 (48')			Above shut-off				Well #5 (47')			Above shut-off				Well #6 (130')			Above shut-off				Well #7 (122')			Above shut-off						
well depth							well depth							well depth					well depth					well depth						
59	Pumping	Static					57	Pumping	Static					172	Pumping	Static			???	Pumping	Static			???	Pumping	Static				
Month (2024)			Month (2024)			Month (2024)			Month (2024)			Month (2024)			Month (2024)			Month (2024)			Month (2024)			Month (2024)			Month (2024)			
Jan	43.5	20.0	Jan	42.5	18.4	Jan	126.0	77.2	Jan	128.9	77.9	Jan	129.1	80.4	Jan	129.1	79.6	Jan					Jan							
Apr	43.6	20.5	Apr	44.4	19.6	Apr	128.9	77.9	Apr	129.1	80.4	Apr	128.8	80.0	Apr	129.2	80.4	Apr					Apr							
June	45.4	22.9	June	46.5	21.2	June	129.1	80.4	June	129.1	79.6	June	128.8	80.0	June	129.1	79.6	June					June							
July	46.6	24.3	July	45.3	19.7	July	129.1	79.6	July	129.1	79.6	July	129.2	80.4	July	129.1	79.6	July					July							
Aug	46.1	23.6	Aug	44.8	19.4	Aug	128.8	80.0	Aug	128.8	80.0	Aug	129.2	80.4	Aug	129.1	79.6	Aug					Aug							
Sept	45.9	23.5	Sept	43.6	21.7	Sept	129.2	80.4	Sept	129.2	80.4	Sept	129.1	79.6	Sept	128.9	79.4	Sept					Sept							
Oct	45.8	23.6	Oct	46.0	20.6	Oct	129.1	79.6	Oct	129.1	79.6	Oct	129.3	79.6	Oct	128.9	79.4	Oct					Oct							
Nov	45.7	23.3	Nov	46.0	20.7	Nov	128.9	79.4	Nov	128.9	79.4	Nov	129.3	79.6	Nov	129.3	79.6	Nov					Nov							
Dec	44.1	21.3	Dec	45.5	20.2	Dec	129.3	79.6	Dec	129.3	79.6	Dec	117.2	79.9	Dec	117.2	79.9	Dec					Dec							
24-Jan	43.3	22.4	24-Jan	46.6	20.8	24-Jan	117.2	79.9	24-Jan	117.2	79.9	24-Jan	120.9	82.3	24-Jan	120.9	82.3	24-Jan					24-Jan							
24-Feb	43.0	20.6	24-Feb	44.8	20.8	24-Feb	120.9	82.3	24-Feb	120.9	82.3	24-Feb	121.4	82.8	24-Feb	121.4	82.8	24-Feb					24-Feb							
24-Jul	42.1	19.7	24-Jul	44.8	19.4	24-Jul	121.4	82.8	24-Jul	121.4	82.8	24-Jul	115.0	65.0	24-Jul	115.0	65.0	24-Jul					24-Jul							
24-Aug	42.8	20.6	24-Aug	45.2	20.8	24-Aug	8.6		24-Aug	8.6		24-Aug	116.0	64.4	24-Aug	116.0	64.4	24-Aug					24-Aug							
24-Sep	42.4	20.8	24-Sep	46.4	21.8	24-Sep	8.6		24-Sep	8.6		24-Sep	116.0	64.4	24-Sep	116.0	64.4	24-Sep					24-Sep							

Well #8 (138')			Above shut- off		Well #9 (150')			Above shut- off		Well #10 (142')			Above shut- off		Well #11 (140')			Above shut- off			
well depth 182					well depth 192					well depth 180					well depth 179						
Month (2024)	Pumping	Static			Month (2024)	Pumping	Static			Month (2024)	Pumping	Static			Month (2024)	Pumping	Static				
Jan	127.0	71.1			Jan	145.2	102.1			Jan	118.8	82.9			Jan	135.1	95.6				
Apr	127.6	71.5			Apr	145.2	103.4			Apr	117.9	84.7			Apr	135.8	96.3				
June	130.9	73.8			June	147.4	106.4			June	122.1	87.2			June	135.9	98.6				
July	130.4	73.5			July	146.3	105.2			July	121.0	85.5			July	135.9	97.9				
Aug	130.8	73.9			Aug	146.8	106.1			Aug	121.2	86.0			Aug	135.9	98.4				
Sept	130.8	73.6			Sept	146.4	105.0			Sept	121.2	85.3			Sept	135.9	98.0				
Oct	130.8	73.6			Oct	146.3	104.6			Oct	120.7	85.0			Oct	135.9	97.8				
Nov	130.7	73.7			Nov	145.6	104.1			Nov	120.5	84.5			Nov	135.9	97.5				
Dec	130.8	73.5			Dec	145.6	103.7			Dec	120.1	84.6			Dec	135.8	97.5				
24-Jan	113.1	73.6			24-Jan	140.0	103.7			24-Jan	102.5	84.7			24-Jan	117.4	97.8				
24-Feb	130.4	72.7			24-Feb	142.3	101.2			24-Feb	121.7	85.7			24-Feb	128.5	97.8				
24-Jul	133.2	75.1			24-Jul	136.1	104.1			24-Jul	123.0	88.2			24-Jul	129.6	100.2				
24-Aug	131.4	75.4		6.6	24-Aug	134.8	104.9		15.2	24-Aug	124.0	88.9		18.0	24-Aug	130.1	100.9			9.9	
24-Sep	131.6	75.5		6.4	24-Sep	134.6	104.4		15.4	24-Sep	123.5	88.7		18.5	24-Sep	129.6	100.9			10.4	

Year	Precip Rec'd	Short of Average	29.34 yr avg
2019	36.11	7	
2020	23.63	(-5.7)	
2021	26.86	(-2.5)	
2022	19.92	(-10)	
2023	22.49	(-6.85)	
2024	22.96	(-6.38)	still needed to get back to yearly avg

827,397.80 Avg August

1,297,800.00 High

484,205.00 low

930,575 Avg September

1,362,600 High

518,300 Low

Monthly and Annual Precipitation Totals (in inches) 1887 thru Last Month | Lincoln Weather ar

YEAR	JAN	FEB	MAR	APR	MAY	JUN
2024	0.95	0.51	1.09	3.42	4.78	3.28
2023	1.32	1.29	0.63	0.59	0.51	4.53
2022	0.28	0.03	1.96	3.05	5.27	3.73
2021	1.53	0.79	5.23	1.74	2.55	4.46
2020	1.29	0.13	1.67	0.88	5.09	3.15
2019	0.75	1.59	2.65	1.13	7.29	4.38
2018	0.41	0.74	2.71	0.67	2.23	8.83
2017	1.10	0.55	1.62	3.55	6.29	7.35

	JUL	AUG	SEP	OCT	NOV	DEC
	7.23	1.50	0.20			
	5.61	3.76	0.60	1.42	0.56	1.71
	2.57	0.55	0.97	0.61	0.26	0.64
	1.73	3.41	0.64	4.04	0.49	0.25
	5.73	1.27	1.62	0.40	1.20	1.20
	4.08	2.79	3.40	4.69	0.79	2.57
	1.35	4.35	7.13	2.71	1.19	3.32
	5.99	3.38	1.85	4.90	0.07	0.38

YEAR
22.96
22.53
19.92
26.86
23.63
36.11
35.64
37.03

P.O. BOX 24304
OMAHA, NE 68124

HTM SALES INC.

FED ID 47-0708758

PH: (402) 935-0300
(800) 444-1625
FAX: (402) 935-0301

#	26981JQ-2	QUOTATION	Sep 24, 2024
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TO: City of Waverly - NE
P.O. Box 427
Waverly NE 68462

PHONE 1-402-786-2312
FAX 1-402-786-2490

Re: Attn: Tracey RE: Thern Crane RFQ 5124--> 5PT20

Qty	Part #	Description	Price	Extension
5	5PT20-E2	5124 Series Obsolete- Replaced by Model 5PT20 Thern Model 5PT20 -Powder Coat Finish w/ 4WP2-K Electric winch	5,260.00	26,300.00
5	WS31-36DS	Optional Adder: 304 SS wire rope w/ swivel hook & Unfinished end 5/16" @ 36 ft	420.00	2,100.00

Terms: Net 30 days, 1.5% surcharge on all past due accounts
Taxes Not Included

Notes: Estimated delivery time is 3-5 weeks.
FOB Origin, Freight Prepaid and Added to Invoice
Thank You - Jake Stacy - HTM Sales, Inc.

ACCEPTED BY _____

QUOTATION

Layne Christensen Company

360 W 52nd Street
 Fremont, NE 68025
 Phone (402) 359-2042
 Fax (402) 359-2310

Date: 10/04/24 P.O. Number: _____

Purchaser: Waverly Public Works

Attn: Tracey Whyman, Public Works Director
 14130 Lancashire, PO Box 68462
 Waverly, NE 68462
 Phone Number (402) 786-2312
 Mobile (402) 786-2127
 Email: publicworksdirector@citywaverly.com

Job Number: _____

Job Description: Well 10 Pump Pull, Inspection, and Downhole Video Survey

MATERIALS

QNTY	UNITS	DESCRIPTION	PRICE	TOTAL
		All repair parts and repair labor will be quote upon disassembly and inspection of pumps in Layne's Valley shop.		
TOTAL MATERIALS				

LABOR

QNTY	UNITS	DESCRIPTION	PRICE	TOTAL
1	EA	Crew labor to mobilize, pull and inspect the vertical turbine pumping equipment from Well #10, demobilize for shop inspection and repair estimate, mobilize, chlorinate well, reinstall pump, flush, sample and demobilize (not including shop labor for repairs)	8,920.00	8,920.00
1	EA	Downhole video survey of Well #10, including flash drive of recording	1,550.00	1,550.00
1	EA	Shop labor to disassemble and inspect pumping equipment from Well #10 (not including parts or repair labor)	660.00	660.00
		NOTES: 1) Applicable Taxes Not Included.		
		2) Payment Terms Net 30 Days.		
		3) Prices Valid For 30 Days From Date of Quotation.		
TOTAL LABOR				\$11,130.00
TOTAL PROJECT				\$11,130.00

The undersigned Purchaser hereby instructs Layne Christensen Company (Contractor), to proceed with the work described with the understanding that the Terms and Conditions shown on the reverse are hereby incorporated as part of this Quotation and with the specific understanding that Contractor will not be held liable for any damage in any way whatsoever for failure to complete the described work, nor for any injury or damage resulting from Contractor's efforts to perform such work, or for delay on Contractor's part in completing same. All work described herein will be provided as quoted above or on a cost plus basis at the hourly rates provided. All quotes indicated, if any, are estimates based on the best information available prior to beginning work. As the scope of work changes, revised quotations will not be issued unless requested. Purchaser's pumps, motors, parts and/or accessories may be stored by the Contractor for thirty (30) days from the date of invoice or other written notice from Contractor. After said thirty (30) days, disposal of such equipment may be made by the Contractor without incurring any liability.

Purchaser

Waverly Public Works

By: _____

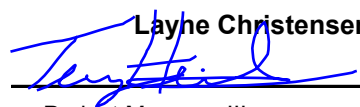
Title: _____

Date: _____

PO #: _____

Contractor

Layne Christensen Company

By:  _____

Title: Project Manager III Terry Heiliger

Date: 10/04/24

Are you tax exempt? (Circle One) YES NO



SITE SAFETY AND SITE CONDITIONS CHECKLIST

CUSTOMER NAME: Waverly Public Works
QUOTATION DATE: 10/4/24
PROJECT DESCRIPTION: Well 10 Pump Pull, Inspection, and Downhole Video Survey

Please check any of the following site safety or general site concerns that may apply to the above referenced project, provide a brief explanation, and return with signed Confirming Order.

Overhead power, power drops, or other electrical concerns: _____

If power issues exist, can they be disconnected?: _____

Is there a grounding system available to tie into if a generator is required for the work?:

Site access concerns or challenges for service equipment: _____

Confined space issues: _____

Rooftop access hatch or building removal required: _____

Work hours restrictions: _____

Is there a water supply source available other than the well being worked on: _____

Other issues / concerns: _____



TERMS AND CONDITIONS

LIABILITY OF CONTRACTOR: Contractor shall not be liable for any bodily injury, death, or injury to or destruction of tangible property except as the same may have been caused by the negligence of Contractor. In no event shall Contractor be liable for any delays or special, indirect, incidental or consequential damages. Purchaser agrees that the total limit of Contractor's liability (whether based on negligence, warranty, strict liability or otherwise) hereunder, shall not exceed the aggregate amount due Contractor for services rendered under this contract. All claims, including claims for negligence or any other cause whatsoever, shall be deemed waived unless made in writing and received by Contractor within one (1) year after Contractor's completion of work hereunder.

INSURANCE: Contractor shall provide workers' compensation insurance, public liability and property damage insurance covering its employees and operation. Purchaser, at its option, may maintain such insurance as will protect it against claims arising out of the work.

REIMBURSABLE COST: In addition to the hourly charge provided on the face of this contract, Purchaser will reimburse Contractor for travel and living expenses necessarily incurred by the Contractor in the performance of the work, minor incidental expenses such as overnight mail, telephone and petty cash expenditures necessarily incurred, cost of removal of all debris if so directed by Purchaser, sales, consumer, use and similar taxes required by law and the cost of permits and all licenses necessary for the execution of the work. The foregoing costs shall be billed at actual cost plus fifteen percent (15%) unless otherwise agreed upon.

PRICE ADJUSTMENT: Any cost estimates or time frames stated herein are subject to equitable adjustment in the event of differing or unforeseeable conditions, changes in applicable laws after the date of this contract, unforeseeable delays or difficulties caused by acts of God, Purchaser or any third parties. Prices of goods acquired by Contractor from others shall be adjusted to reflect Contractor's price in effect at time of shipment. The price of Contractor's goods will be adjusted to the price in effect at time of shipment in accordance with Contractor's current escalation policies or as specifically covered in this contract.

TERMS: Thirty (30) days net from date of invoice. For extended projects, Contractor shall submit invoices on a monthly basis for any and all work completed and materials or equipment provided during the previous month. Past due invoices shall be subject to a delinquency charge of one and one-half percent (1-1/2%) per month (eighteen percent (18%) per annum) unless a lower charge is required under applicable law, in which case the lower rate shall apply. Purchaser agrees to pay all collection fees, attorneys' fees and costs incurred in the collection of any past due amounts arising out of this contract. Contractor shall have the right to immediately terminate this contract without further liability if Purchaser fails to make timely payment or otherwise materially breaches this contract.

MATERIAL SHORTAGES AND COST INCREASES: If any portion of materials or equipment which Contractor is required to furnish becomes unavailable, either temporarily or permanently, through causes beyond the control and without the fault of Contractor, then in the case of temporary unavailability any completion time frames shall be extended for such period of time as Contractor shall be delayed by such above-described unavailability, and in the case of permanent unavailability Contractor shall be excused from the requirement of furnishing such materials or equipment. Purchaser agrees to pay Contractor any increase in cost between the cost of the materials or equipment which have become permanently unavailable and the cost of the closest substitute which is then reasonably available.

DELAYS: If Contractor is delayed at any time in the progress of work by labor disputes, fire, unusual delays in transportation, unavoidable casualties, weather, or any cause beyond Contractor's reasonable control, then any completion time frames shall be extended by a reasonable period of time, at least equal to the period of delay.

CHANGED CONDITIONS: The discovery of any hazardous waste, substances, pollutants, contaminants, underground obstructions or utilities on or in the job site which were not brought to the attention of Contractor prior to the date of this contract will constitute a materially different site condition entitling Contractor, at its sole discretion to immediately terminate this contract without further liability.

ESCALATION: This contract is made with the understanding that Contractor will be able to begin and continuously proceed with its work on or before the proposed start date on the reverse side hereof. In the event Contractor is unable to commence its work on or before said date because the project is not ready for Contractor's work, Contractor will charge Purchaser the amount of increase in Contractor's cost attributable to such delay, plus Contractor's normal overhead percentage.

GUARANTEE AND LIABILITY: Contractor warrants that its labor supplied hereunder shall be free from defect and shall conform to the standard of care in effect in its industry at the time of performance of such labor for a period of twelve (12) months after substantial completion of Contractor's work. Contractor agrees, to the extent it is permitted, to pass on any warranties provided by the manufacturers of materials and/or equipment furnished under this contract. Contractor itself provides no warranty, express, implied or otherwise, on any such materials or equipment. Contractor will not be responsible for: work done, material or equipment furnished or repairs or alterations made by others.

For any breach hereunder, Contractor shall be liable only for the value of the installation work or, if it wrongfully fails to install, then its liability is limited to the difference between the contract price herein, and the value of other similar installation work. If Contractor's breach damages any materials or equipment furnished hereunder, Contractor shall only be liable for the value of such materials or equipment. Under no circumstances will Contractor be liable for consequential, special or indirect damages, including without limitation, any crop loss or damage, damage to other equipment, structures or property, nor for any other similar or dissimilar damages or losses whether due to delay, failure to furnish or install, delay in installation, defective material or equipment, defective workmanship, defective installation, delay in replacing, nor for any cause or breach whatsoever. In any event, Contractor's total liability towards Purchaser for alleged faulty performance or nonperformance under this contract shall be limited to the total contract price. No materials, equipment or services contracted herein carries any guarantee not mentioned in this contract. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED.

TITLE AND OWNERSHIP: In case of default on Purchaser's part, Contractor shall have the right to enter the premises upon which any material or equipment furnished herein have been installed and retake such goods not then paid for and pursue any further remedy provided by law, including recovery of attorneys' fees and any deficiency to the maximum extent and in the manner provided by law. Such materials and equipment shall retain their character as personal property of Contractor until payment in full is received by Contractor, regardless of their mode of attachment. Unless prior specific written instructions are received to the contrary, surplus and replaced materials and equipment resulting from repair or installation work shall become the property of Contractor.

DELIVERY: Shipment schedules and dates, expressed or implied, are contingent on normal conditions. Contractor will not be responsible for any delays in shipment or completion caused by factors beyond its control such as, but not limited to, suppliers' failures, accidents, work stoppages or operation of or changes in the law. Shipments will be made as promptly as Contractor's ability to obtain materials and/or equipment and scheduling will permit. No delay in shipments or variances from shipping schedule shall be cause of cancellation or any claim for damage. Any changes in layout or design requested after acceptance of this contract will be made at Purchaser's additional cost. Any such change and/or time taken to supply engineering data or to approve drawings will automatically extend shipping schedules. Equipment will be shipped "knocked down" to the extent Contractor considers necessary, with small parts stripped from equipment and crated. On and after delivery to the carrier for transportation to the Purchaser's site, Purchaser shall be responsible for all loss or damage to materials or equipment due to any cause, including but not limited to loss or damage resulting from casualty.

INDEMNIFICATION: Purchaser agrees to indemnify and hold Contractor, its directors, officers, stockholders, employees, agents and subcontractors, harmless from and against any and all claims, demands, causes of action (including third party claims, demands or causes of action for contribution or indemnification), liability and costs (including attorneys' fees and other costs of defense) asserted and/or filed by Purchaser or any third party(ies), including without limitation Purchaser's employees, and arising out of or as a result of: (i) the presence of Contractor or its subcontractors at the job site, (ii) the work performed by Contractor or its subcontractors, or (iii) any negligent act or omission of Purchaser, its employees, agents, consultants, other contractors or any person or entity under Purchaser's control; except to the extent that such claims, demands, causes of action, liabilities or costs are caused by the negligence of Contractor or its subcontractors.

INTERPRETATION: This contract shall be governed by and construed in accordance with the laws of the state of the job site location. If any term, provision or condition contained herein shall, to any extent, be invalid or unenforceable, pursuant to state law or otherwise, the remainder of the terms, provisions and conditions herein (or the application of such term, provision, or condition to persons or circumstances other than those in respect of which it is invalid or unenforceable) shall not be affected thereby, and each term, provision and condition of this contract shall be valid and enforceable to the fullest extent permitted by law.

ASSIGNMENT & SUBLETTING: Purchaser shall not have the right to transfer or assign its rights and/or obligations under this contract to any third party, related or unrelated, without the express written consent of Contractor. Contractor shall have the right to transfer, assign or sublet all or any portion of its rights or obligations hereunder, but such transfer, assignment or subletting shall not relieve Contractor from its full obligations to Purchaser unless such transfer, assignment or subletting is pursuant to the sale of Contractor, or the division of Contractor responsible for this contract, to a third party.

MISCELLANEOUS: The terms and conditions set forth herein constitute the entire understanding of the parties relating to the work to be performed, and materials and equipment to be provided, by Contractor for the Purchaser. All previous proposals, offers, and other communications relative to the provisions of the subject work, oral or written, are hereby superseded, except to the extent that they have been expressly incorporated herein. Any modifications or revisions of any provisions herein or any additional provisions contained in any purchase order, acknowledgment, or other form of the Purchaser are hereby expressly objected to by Contractor and shall not operate to modify this contract. This contract shall take effect upon acceptance and execution by both parties.



Verizon Wireless
The Grinnell Group
1515 Linden Street, Suite 210
Des Moines, IA 50309
Lisa@grinnellgroup.com
913-908-2827

October 1, 2024

VIA FEDERAL EXPRESS

Ms. Stephanie Fisher
City Administrator
City of Waverly, NE
14130 Lancashire Street
Waverly, NE 68462

RE: Water Tower Lease Agreement (the "Lease"), dated August 8, 2019, by and between City of Waverly, Nebraska ("Lessor") and Cellco Partnership d/b/a Verizon Wireless as successor entity to Verizon Wireless (VAW) LLC ("Verizon Wireless"), covering the leased site located at 9821 N 148th St., Waverly, NE 68462 (the "Premises") – Verizon Wireless Site Name / Location Code: LIN Threshers / 404731

Dear Ms. Fisher:

My company represents Verizon Wireless in relation to this proposed project. The purpose of this letter is to obtain Lessor's written consent, pursuant to Section 7, Use; Governmental Approvals of the Lease, to certain proposed modifications by Verizon Wireless to its equipment located on the City water tower on the Premises as described herein below. This consent will replace the prior consent signed by Mayor Gerdes on 4/25/2023. Verizon Wireless hereby requests your consent to the following equipment modifications:

EQUIPMENT TO BE ADDED:

3 - Ericsson 5G Antennas
Replacement Tower Light for FAA compliance
Mount Modification
Associated hardware and cabling

A structural analysis has been performed based on the proposed equipment modifications, and such analysis reflects that the existing structure is adequate to support the existing and proposed equipment loading.

Please indicate Lessor's consent to the proposed modifications by signing in the space provided below. Then, please return the original hereof to me in the enclosed FedEx envelope.

Thank you for your cooperation in connection with this matter. If you have any questions or concerns regarding this request, please feel free to contact me at Lisa@grinnellgroup.com or 913-908-2827.

Sincerely,



Lisa K. Kelley
Site Acquisition Consultant
The Grinnell Group
Verizon Wireless Agent

City of Waverly, NE

By: _____

Name: _____

Title: _____

Date: _____

Design 1

September 19, 2024

Attention: Michael Scanlan
9973 Valley View Road
Eden Prairie, MN 55344

Re: **LIN Threshers Add CBRS C-Band**
Structural Review of Overall Water Tower v.3
CPC064-STRL6 – Structural – Non-Tower Structures
9821 N 148th Street
Waverly, NE 68462
Project Number: 231074

Dear Mr. Scanlan:

At your request, we have performed an overall analysis of the water tower at the above stated address. Reference **TABLE 1** and **TABLE 2** for the proposed Verizon equipment and other carrier equipment (respectively) used in the analyses.


Herzog Engineering was pleased to perform the analysis of the water tank. The assessment was completed using the ANSI/AWWA and Verizon requirements. The overall water tower structure's main components are **ADEQUATE**.

The anchor analyses did not need to consider a minimum water level of 66% of the full capacity to get the passing results. Results for the overall water tower analysis are shown in **TABLE 3** of this report. No foundation information was available at the time of our analysis and is excluded from this report. It is assumed by others.


This structural analysis has been performed in accordance with the local code requirements listed in this report and the disclaimers noted within.

If you have any questions or need anything further, please don't hesitate to contact me at 612-844-1234.

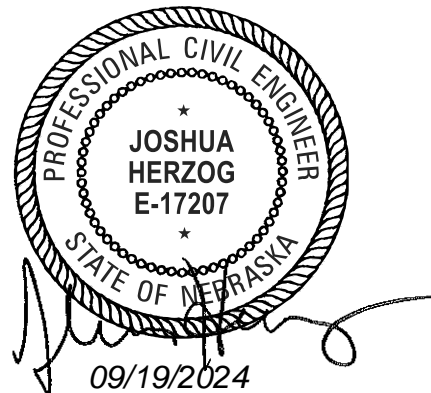
Sincerely,
Herzog Engineering, LLC



Bryant Loehr, P.E.
Structural Engineer



Joshua Herzog, P.E.
Structural Engineer



A. SCOPE OF WORK SUMMARY

The intent of this structural analysis is to complete an overall water tower analysis per the AWWA code, for the proposed equipment loadings given below.

B. BASIS OF ANALYSIS

Reference codes, standards, and construction documents:

- 1.) ANSI/AWWA D100-21 – Welded Carbon Steel Tanks for Water Storage / ASCE 7-05.
- 2.) Current Nebraska State Building Code (IBC 2018).
- 3.) Current Nebraska Conservation Code for Existing Buildings.
- 4.) AISC 360-16, Specification for Structural Steel Buildings.
- 5.) **Design 1/ LIN Threshers Add CBRS C-Band/ Proj. # 20222380457/ Rev. 0 drawings dated 07.30.2024.**
- 6.) Tower Engineering Professionals/ LIN Threshers/ Proj. #78988.157327/ Rev. 0 Modification Drawings dated 03.02.2018.
- 7.) Tower Engineering Professionals/ LIN Threshers/ Proj. #78988.75593/ Tower Mapping Report dated 09.11.2017.
- 8.) Tower Engineering Professionals/ LIN Threshers/ Proj. #78988.75593/ Preliminary drawings not dated.
- 9.) **Tower Engineering Professionals/ LIN Threshers/ Proj. #78988.75593/ Structural Analysis Report dated 07.24.2019**
- 10.) **Hightower Solutions / LIN Threshers / Antenna/Coax Mapping Report / Mappign report Dated 09.09.2024**
- 11.) **Colliers Engineering & Design / LIN Threshers / Proj. # 24778481 / Mount Report and drawings dated 08.27.2024.**

C. APPURTENANCES AND EQUIPMENT

Verizon Proposed Antenna / Equipment – Table 1:

Table 1 - Existing and Proposed Antenna / Equipment							
Equipment Owner	Centerline Elevation AGL (ft.)¹	Type	Position¹	Qty./ Sector	Manuf.	Model	Status
X and Y Sectors							
Verizon	148.0	Antenna	1-1.0	1	Commscope	NHH-65C-R2B	Existing/ To Remain
	148.0	Antenna	1-2.0	1	Commscope	NHH-65C-R2B	
	~148.0	RRU	1	1	Ericsson	4449	
	~146.0	RRU	1	1	Ericsson	8843	
	~148.0	Antenna	2-1.0	1	Ericsson	AIR 6419	New / Proposed
Z Sectors							
Verizon	148.0	Antenna	1-1.0	1	Commscope	NHH-65C-R2B	Existing/ To Remain
	148.0	Antenna	1-2.0	1	Commscope	NHH-65C-R2B	
	~148.0	RRU	1	1	Ericsson	4449	
	~146.0	RRU	1	1	Ericsson	8843	
	~148.0	Dist. Box	2	1	Raycap	RxxDC-6627-PF-48	
	~148.0	Antenna	2-1.0	1	Ericsson	AIR 6419	New / Proposed

Table 1 Notes:

- 1.) Reference BASIS OF ANALYSIS section documents #5 and #11 for all mount information.

C. APPURTENANCES AND EQUIPMENT CONTINUED...

Other Carrier Antenna/Equipment – Table 2:

Table 2 – Existing Antenna / Equipment – Other Carrier Information					
Equipment Owner	Centerline Elevation AGL (ft.)	Type	Qty.	Model/Description	Status
City	18.92	Lights	4	Yard Lights	Tower Legs
	143.5	Beacon	2	Dialight Small Beacons	Roof
	112.0	Lights	18	Rab Lights	Catwalk Guardrail
	116.75	Equip.	1	3' Dia. Radiowave Drum	
	116.75	Equip.	1	Cambium TMA	
	116.08	Equip.	1	3' Dia. Radiowave Drum	
	116.08	Equip.	1	Cambium TMA	
	115.58	Equip	1	2'-1" Dia. Drum	
115.58	Equip	1	Mimosa TMA B5c		
Future Tech	82.83	Dish	1	Siklu Dish	Catwalk Guardrail
	114.42	Dish	2	Ubiquiti Dish (10" Dia.)	
	116.67	Antenna	3	Ubiquiti Panel AMSC00686	
	116.67	Equip.	1	Ubiquiti TMA Rocket AC Gen2	
	117.0	Dish	2	Ubiquiti Dish (10" Dia.)	
	116.17	Equip.	1	2'-2" Dia. Drum	
	116.17	Equip.	1	Aviat TMA W42-18H5-DCX	
	116.33	Antenna	1	Winncom Tech Panel C030045D901A	
	116.33	Equip.	1	Cambium TMA 3082CHH	
	118.0	Antenna	1	Winncom Tech Panel C030045D901A	
	118.0	Equip.	1	Cambium TMA 3082CHH	
	116.83	Antenna	1	Ubiquiti Panel AM-5G16	
	116.83	Equip.	1	Ubiquiti TMA Rocket AC Gen2	
115.08	Dish	1	Ubiquiti Dish (10" Dia.)		
US Cell	117.25	Antenna	3	Kathrein Panel 80010766V01	Catwalk Guardrail
	117.25	Equip.	3	KMW TMA KAASCTPR82008	
	116.75	Antenna	3	KMW Panel AM-X-CW-18-65-00T-RET	
	116.75	Equip.	3	KMW TMA KAASCTPR82008	
Cab A	114.17	Dish	1	Ubiquiti – NanobridgeM2 (16" Dia.)	Catwalk Guardrail
	117.25	Antenna	2	Winncom Tech Panel C030045D901A	
	117.25	Equip.	1	Cambium TMA 3082CHH	
	116.08	Equip.	1	RadioWave Drum HP2-11G2 (2' Dia.)	
	116.08	Equip.	1	Cambium TMA	
	116.00	Antenna	1	KP Per. Panel KPPA-3GHZDP90S-45	
	116.00	Equip.	1	Bai Cells TMA mBS1100	

D. RESULTS SUMMARY

Overall Water Tower Analysis – Table 3:

Table 3 – Water Tower Design Check				
Tower Check [Unity Analysis]	Member Type	Max. Design Utilization	Pass / Fail	Remarks
Anchor Bolts – Ext. Columns	(3) 1 1/2" Dia. A36 Bolts	85.0%	Pass	See Note #1
Ext. Column Shell	2.5' Dia. X 0.56" Thick Shell	65.4%	Pass	
Anchor Bolts – Center Riser	(4) 1" Dia. A36 Bolts	11.0%	Pass	
Center Riser Shell	7'-11" Dia. X 0.42" Thick Shell	73.3%	Pass	
Struts	C7x9.8/C6x8.2 Built Up Beam	86.0%	Pass	
Sway Bracing	2.5" Dia. Solid Rods	75.2%	Pass	
Tower Check [Threshold Analysis]	Member Type	Orig. Loading	New Loading	Pass/Fail (See Note #2)
Base Plate – Ext. Columns	3" Thick x 38.75" Dia. Plate	518.55 psi	529.53 psi	2.12% Increase < 5.0% - Pass
Base Plate – Center Riser	2 1/2" Thick x 103.5" Dia. Plate	172 psf	173.04 psf	0.61% < 5.0% - Pass

Table 3 Notes:

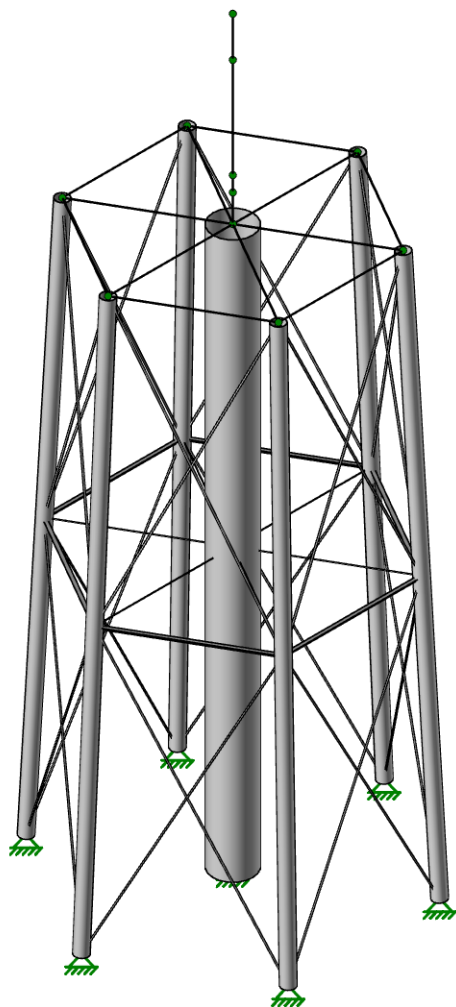
- 1.) See attached calculations. Any further equipment additions or changes to the structure should be evaluated by a licensed structural engineer.
- 2.) Load threshold analysis falls within the acceptable limits of BASIS OF DESIGN - Document (3) and Verizon standard NADV447WT.

E. DISCLAIMERS AND ASSUMPTIONS

- 1.) This report and analysis was performed under the assumption that all information provided to Herzog Engineering, LLC is current and correct. This includes but is not limited to site data, mapping reports, existing and proposed appurtenances, tower and foundation details, and geotechnical data. If this information is not current and correct, this report should be considered obsolete and further analysis will be required.
- 2.) This analysis assumes that the structural components and mounts, including all steel sections and attachment hardware are in good working order and in their original state, free from rust or other forms of corrosion.
- 3.) Capacity of the structural members is based on the member sizes and configuration supplied. The material grade is as per the data supplied or as assumed and stated.
- 4.) Foundation information was not available at time of analysis. Foundations are assumed to be by others.

F. APPENDIX 1 – STRUCTURAL CALCULATIONS

- 1.) Overall Water Tower Analysis
- 2.) ASCE 7 – Hazard Report



HE
BL
231074

LIN Threshers LEG Water Tower

SK-1
Sep 19, 2024 at 08:23 AM
Lin Threshers Tower Analysis...

Tower Check

per < AWWA Standard >

Wt. of Water	500000 gallons	
Outside Columns	4170000 lbs < Estimated >	
Center Riser	556000 lbs < Estimated - Total Load*(.80)/6 >	
Wt. of Tank	834000 lbs < Total Load*0.20 >	
Outside Columns	437000 lbs < Estimated >	
Center Riser	55600 lbs < Estimated - Total *0.8/6 >	
Wt. of Snow	83400 lbs < Estimated - Total *0.2 >	
Outside Columns	44903 lbs < 55'55"*.3,14159*18.9 psf /4>	$\rho_s = 18.9 \text{ psf} < 25 \text{ psf} \times 1.2 \times 0.7 \times 0.9 \times 1.0 >$
Equipment Weight	7484 lbs < Total Load/6 >	All to outside columns
Outside Columns	6960 lbs < Conservative >	
Center Riser	1160 lbs < Conservative >	
Wind Speed, V	124 mph	
Gust Effect Factor, G	0.85	
Force Coefficient, C _f	0.5 Double Curvature	
	Varies 0.5-0.7 Single Curvature < See Table 3 >	
	1.3 Flat	
	1.8 Structural Shape	
	C Exposure < 3.1.6.2.2 >	

Tower Section	Area (ft ²)	Height to Centroid (ft)	z (ft)	K _f	Amount	C _f	K _{wp} , K _d	λ	P _w (psf)	P _w min (psf)	Wind Shear, V _w (kips)	Overturning Moment, M _w (ft-kips)
1 Outside Columns Bottom Piece	138.75	27.8	27.8	0.96	6	0.70	1.00	0.6	13.49	21	17.48	485.14
2 Center Riser Bottom Piece	439.39	27.8	27.8	0.96	1	0.64	1.00	0.6	12.33	19.2	8.44	234.11
3 Lower Bracing Rods	12.94	27.8	27.8	0.96	12	0.70	1.00	0.6	13.49	21	3.26	90.47
4 Bottom Struts	20.63	38.3	38.3	1.04	6	1.80	1.00	0.6	37.58	54	6.68	255.62
5 Outside Columns Top Piece	148.75	85.3	85.3	1.23	6	0.70	1.00	0.6	17.28	21	18.74	1597.80
6 Upper Riser Piece	348.35	77.5	77.5	1.20	1	0.64	1.00	0.6	15.42	19.2	6.69	518.34
7 Upper Bracing Rods	13.75	56.0	56.0	1.11	12	0.70	1.00	0.6	15.60	21	3.47	194.04
8 Tower Tank	1518.75	120.0	120.0	1.31	1	0.50	1.00	0.6	13.15	15	22.78	2733.75
9 Exhaust Vents and Hatch	25.50	142.0	142.0	1.36	1	0.50	1.00	0.6	13.65	15	0.38	54.32

Catwalk Guardrail	Leg Length (in)	O.D. (ft)	Height (ft)	Area (ft ²)	z (ft)	K _f	Amount	C _f	K _{wp} , K _d	λ	P _w (psf)	P _w min (psf)	Wind Shear, V _w (kips)	Overturning Moment, M _w (ft-kips)
Upper Railing	2.50	55.0	115	36.00	115.0	1.29	1	1.8	1.0	0.60	46.61	54.0	1.94	223.54
Mid Railing	2.50	55.0	113.5	36.00	113.5	1.28	1	1.8	1.0	0.60	46.25	54.0	1.94	220.63
Lower Toe Plate	7.25	50.0	111.5	94.90	111.5	1.27	1	1.8	1.0	0.60	45.89	54.0	5.12	571.41
Diagonals	2.5	4.2	113.5	0.88125	113.5	1.28	72	1.8	1.0	0.60	46.25	54.0	3.43	388.89

Original Forces 100.36 7568.05

Antenna and Equipment

Ant. #	Misc. Carrier Equipment	Height to Centroid (ft)	Area (ft ²)	z (ft)	K _f	Amount	C _f	K _{wp} , K _d	λ	P _w (psf)	P _w min (psf)	Wind Shear, V _w (kips)	Overturning Moment, M _w (ft-kips)	Weight (lbs)
Verizon at Catwalk Framing														
6	Commscope NHH-65C-R2B Antennas	148.0	7.93	148.0	1.37	6	1.3	1.0	0.60	35.75	39	1.86	274.75	450
3	AIR 6419 Antenna	148.0	3.16	148.0	1.37	3	1.3	1.0	0.60	35.75	39	0.37	54.79	288
3	RRUS 4449	148.0	1.65	148.0	1.37	3	1.3	1.0	0.60	35.75	39	0.19	28.57	285
3	RRUS 5843	148.0	1.65	148.0	1.37	3	1.3	1.0	0.60	35.75	39	0.19	28.57	285
1	RODC-5627-PF-48 Dist. Box	148.0	3.38	148.0	1.37	1	1.3	1.0	0.60	35.75	39	0.13	19.51	60
	Corral Top Rail	144.0	1.67	144.0	1.35	5	1.8	1.0	0.60	48.78	54	0.45	64.80	164
	Corral Mid Rail	142.3	1.67	142.3	1.35	5	1.8	1.0	0.60	48.78	54	0.45	64.01	164
	Corral Toe Plate	140.5	2.67	140.5	1.34	5	0.5	1.0	0.60	13.45	15	0.20	28.10	408.4
	Corral Bracing	142.3	1.15	142.3	1.35	6	1.8	1.0	0.60	48.78	54	0.37	52.83	132.33
Ant. # Misc. Carrier Equipment														
1	(4) Yard Lights	18.92	0.70	18.9	0.90	4	0.5	1.0	0.60	9.03	15	0.04	0.79	40
2	(1) Siklu Dish	82.83	0.79	82.8	1.22	1	1.3	1.0	0.60	31.84	39	0.03	2.54	20
3	(18) Rail Lights RLLD785F	112.00	2.24	112.0	1.28	18	0.5	1.0	0.60	12.85	15	0.60	67.65	90
4	(2) Ubiquiti Dish	114.42	1.07	114.4	1.29	2	0.5	1.0	0.60	12.95	15	0.03	3.67	60
5	(3) Ubiquiti Panels AMSC00686	116.67	1.01	116.7	1.30	3	1.3	1.0	0.60	33.93	39	0.12	13.74	120
5.1	(1) Ubiquiti TMA Rocket AC Gen2	116.70	0.21	116.7	1.30	1	1.3	1.0	0.60	33.93	39	0.01	0.94	15
6	(2) Ubiquiti Dish	117.00	1.07	117.0	1.30	2	0.5	1.0	0.60	13.05	15	0.03	3.75	100
7	(3) Kathrein Panel 8010706V01	117.25	8.00	117.3	1.30	3	1.3	1.0	0.60	33.93	39	0.94	109.75	600
7.1	(3) KMW TMA KASCTPR82008	117.25	0.07	117.3	1.30	3	1.3	1.0	0.60	33.93	39	0.01	1.01	45
8	(3) KMW Panel AM-X-CW-18-65-DOT-RET	116.75	7.92	116.8	1.30	3	1.3	1.0	0.60	33.93	39	0.93	108.14	270
8.1	(3) KMW TMA KASCTPR82008	116.75	0.07	116.8	1.30	3	1.3	1.0	0.60	33.93	39	0.01	1.00	45
9	(1) Ubiquiti Dish	114.17	1.40	114.2	1.29	1	0.5	1.0	0.60	12.95	15	0.02	2.39	80
10	(1) Unused Mount	111.33	1.17	111.3	1.28	1	0.5	1.0	0.60	12.85	15	0.02	1.95	21.76
11	(2) Wincom Tech. Panel C0300450901A	117.25	0.97	117.3	1.30	2	1.3	1.0	0.60	33.93	39	0.08	8.89	100
11.1	Cambium TMA	117.25	0.36	117.3	1.30	1	1.3	1.0	0.60	33.93	39	0.01	1.67	15
12	(1) RadioWave Drum	116.75	7.07	116.8	1.30	1	1.3	1.0	0.60	33.93	39	0.28	32.19	200
12.1	(1) Cambium TMA	116.75	0.56	116.8	1.30	1	1.3	1.0	0.60	33.93	39	0.02	2.53	15
13	(1) 2" Dia. Drum	116.17	3.69	116.2	1.30	1	1.3	1.0	0.60	33.93	39	0.14	16.71	75
14	(1) Wincom Tech. Panel C0300450901A	116.33	0.97	116.3	1.30	1	1.3	1.0	0.60	33.93	39	0.04	4.41	50
14.1	Cambium TMA	116.33	0.36	116.3	1.30	1	1.3	1.0	0.60	33.93	39	0.01	1.65	15
15	(1) Wincom Tech. Panel C0300450901A	118.00	0.97	118.0	1.30	1	1.3	1.0	0.60	33.93	39	0.04	4.47	50
15.1	Cambium TMA	118.00	0.36	118.0	1.30	1	1.3	1.0	0.60	33.93	39	0.01	1.68	15
16	RadioWave Drum HP3-11TG	116.08	7.07	116.1	1.30	1	1.3	1.0	0.60	33.93	39	0.28	32.00	200
16.1	(1) Cambium TMA	116.08	0.36	116.1	1.30	1	1.3	1.0	0.60	33.93	39	0.01	1.70	15
17	RadioWave Drum HP2-11G2	115.58	3.14	115.6	1.29	1	1.3	1.0	0.60	33.67	39	0.12	14.16	100
17.1	(1) Cambium TMA	115.58	0.56	115.6	1.29	1	1.3	1.0	0.60	33.67	39	0.02	2.50	15
18	(1) KP Performance Panel KPFA-3GHZDP905-45	116.00	1.26	116.0	1.29	1	1.3	1.0	0.60	33.67	39	0.05	5.72	75
18.1	(1) Bai Cells TMA mBS1100	116.00	0.87	116.0	1.29	1	1.3	1.0	0.60	33.67	39	0.03	3.93	15
19	(1) Ubiquiti Panel AM-SG16	116.83	0.26	116.8	1.30	1	1.3	1.0	0.60	33.93	39	0.01	1.19	20
19.1	(1) Ubiquiti TMA Rocket AC Gen2	116.83	0.21	116.8	1.30	1	1.3	1.0	0.60	33.93	39	0.01	0.94	15
20	(1) 2" Dia. Drum	115.58	3.41	115.6	1.29	1	1.3	1.0	0.60	33.67	39	0.13	15.36	90
20.1	(1) Mimoso TMA B5C	115.58	0.40	115.6	1.29	1	1.3	1.0	0.60	33.67	39	0.02	1.78	15
21	(1) Ubiquiti Dish (10" Dia.)	115.08	0.55	115.1	1.29	1	1.3	1.0	0.60	33.67	39	0.02	2.45	20
22	(1) Unused Mount	111.33	1.17	111.3	1.28	1	0.5	1.0	0.60	12.85	15	0.03	2.92	43.75
23	(2) Unused Mount	138.50	3.01	138.5	1.35	2	0.5	1.0	0.60	13.55	15	0.09	12.52	212.8598
24	Beacon Lights	143.50	1.42	143.5	1.35	1	0.5	1.0	0.60	13.55	15	0.02	3.05	106.4299

Total 8.4791 1107.6721 6960.299 SUM Verizon 615.93 SUM OTHERS 491.74

Equations	< AWWA D100-21 Reference >
C _f	Double Curvature 0.5 < Table 3 >
	Cylindrical 0.5-0.7 - Varies < Table 3 >
	Antennas (w/ Shielding Factor included) 1 < If Required >
	Flat 1.3
	Structural Shapes 1.8
K _f	Varies < Table 2 >
V	124 mph < ASCE 7 - Hazard Report >
G	0.85 < Sec. 3.1.6.4 >
P _w	$P_w = \lambda_w (0.00256 * K_f * K_{wp} * K_d * G * V^2 * C_f)$ < Eq. 3-4 >
P _w min	30°C < Eq. 3-5 >
V _w	$V_w = \text{MAX} [P_w, P_{wmin}] * \text{Area} * \text{Amount}$
M _w	$M_w = V_w * h$

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PROJECT
LIN Threshers

Water Tower Loading Comparison

Project number	231074
Date	09.19.2024
Drawn by	n/a
Checked by	BL
Scale	N.T.S.

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [$1e^5 F^{-1}$]	Density [k/ft ³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A992	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	0.3	0.65	0.527	42	1.4	58	1.3
5	A500 Gr.B RECT	29000	11154	0.3	0.65	0.527	46	1.4	58	1.3
6	A500 Gr.C RND	29000	11154	0.3	0.65	0.527	46	1.4	62	1.3
7	A500 Gr.C RECT	29000	11154	0.3	0.65	0.527	50	1.4	62	1.3
8	A53 Gr.B	29000	11154	0.3	0.65	0.49	35	1.6	60	1.2
9	A1085	29000	11154	0.3	0.65	0.49	50	1.4	65	1.3
10	A913 Gr.65	29000	11154	0.3	0.65	0.49	65	1.1	80	1.1

Member Distributed Loads (BLC 4 : Wind X)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M7	X	-0.152	-0.152	0	95.333
2	M3	X	-0.053	-0.053	0	%100
3	M4	X	-0.053	-0.053	0	%100
4	M5	X	-0.053	-0.053	0	%100
5	M6	X	-0.053	-0.053	0	%100
6	M1	X	-0.053	-0.053	0	%100
7	M2	X	-0.053	-0.053	0	%100
8	M26	X	-0.036	-0.036	0	%100
9	M25	X	-0.036	-0.036	0	%100
10	M29	X	-0.036	-0.036	0	%100
11	M27	X	-0.036	-0.036	0	%100
12	M28	X	-0.036	-0.036	0	%100
13	M24	X	-0.036	-0.036	0	%100

Member Distributed Loads (BLC 5 : Wind Z)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M7	Z	-0.152	-0.152	0	95.333
2	M3	Z	-0.053	-0.053	0	%100
3	M4	Z	-0.053	-0.053	0	%100
4	M5	Z	-0.053	-0.053	0	%100
5	M6	Z	-0.053	-0.053	0	%100
6	M1	Z	-0.053	-0.053	0	%100
7	M2	Z	-0.053	-0.053	0	%100
8	M25	Z	-0.036	-0.036	0	%100
9	M27	Z	-0.036	-0.036	0	%100
10	M28	Z	-0.036	-0.036	0	%100
11	M24	Z	-0.036	-0.036	0	%100

Member Distributed Loads (BLC 7 : Wind X - Orig)

	Member Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M7	X	-0.152	-0.152	0	95.333
2	M3	X	-0.053	-0.053	0	%100
3	M4	X	-0.053	-0.053	0	%100
4	M5	X	-0.053	-0.053	0	%100
5	M6	X	-0.053	-0.053	0	%100
6	M1	X	-0.053	-0.053	0	%100
7	M2	X	-0.053	-0.053	0	%100
8	M26	X	-0.036	-0.036	0	%100

Member Distributed Loads (BLC 7 : Wind X - Orig) (Continued)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
9	M25	X	-0.036	-0.036	0	%100
10	M29	X	-0.036	-0.036	0	%100
11	M27	X	-0.036	-0.036	0	%100
12	M28	X	-0.036	-0.036	0	%100
13	M24	X	-0.036	-0.036	0	%100

Member Distributed Loads (BLC 8 : Wind Z - Orig)

Member	Label	Direction	Start Magnitude [k/ft, F, ksf, k-ft/ft]	End Magnitude [k/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M7	Z	-0.152	-0.152	0	95.333
2	M3	Z	-0.053	-0.053	0	%100
3	M4	Z	-0.053	-0.053	0	%100
4	M5	Z	-0.053	-0.053	0	%100
5	M6	Z	-0.053	-0.053	0	%100
6	M1	Z	-0.053	-0.053	0	%100
7	M2	Z	-0.053	-0.053	0	%100
8	M25	Z	-0.036	-0.036	0	%100
9	M27	Z	-0.036	-0.036	0	%100
10	M28	Z	-0.036	-0.036	0	%100
11	M24	Z	-0.036	-0.036	0	%100

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	Dead	Yes	Y	1	1								
2	Dead - Equipment	Yes	Y	6	1								
3	Live	Yes	Y	2	1								
4	Dead + Live	Yes	Y	1	1	2	1						
5	Dead + Live + Equipment	Yes	Y	1	1	2	1	6	1				
6	Dead + Live + Wind X	Yes	Y	1	1	2	1	4	1	6	1		
7	Dead + Live - Wind X	Yes	Y	1	1	2	1	4	-1	6	1		
8	Dead + Live + Wind Z	Yes	Y	1	1	2	1	5	1	6	1		
9	Dead + Live - Wind Z	Yes	Y	1	1	2	1	5	-1	6	1		
10	Dead + Live + .25 Wind X + .97 Wind Z	Yes	Y	1	1	2	1	4	0.25	5	0.97	6	1
11	Dead + Live + .25 Wind X - .97 Wind Z	Yes	Y	1	1	2	1	4	0.25	5	-0.97	6	1
12	Dead + Live - .25 Wind X + .97 Wind Z	Yes	Y	1	1	2	1	4	-0.25	5	0.97	6	1
13	Dead + Live - .25 Wind X - .97 Wind Z	Yes	Y	1	1	2	1	4	-0.25	5	-0.97	6	1
14	Dead + Live + .5 Wind X + .87 Wind Z	Yes	Y	1	1	2	1	4	0.5	5	0.87	6	1
15	Dead + Live + .5 Wind X - .87 Wind Z	Yes	Y	1	1	2	1	4	0.5	5	-0.87	6	1
16	Dead + Live - .5 Wind X + .87 Wind Z	Yes	Y	1	1	2	1	4	-0.5	5	0.87	6	1
17	Dead + Live - .5 Wind X - .87 Wind Z	Yes	Y	1	1	2	1	4	-0.5	5	-0.87	6	1
18	Dead + Live + .87 Wind X + .5 Wind Z	Yes	Y	1	1	2	1	4	0.87	5	0.5	6	1
19	Dead + Live + .87 Wind X - .5 Wind Z	Yes	Y	1	1	2	1	4	0.87	5	-0.5	6	1
20	Dead + Live - .87 Wind X + .5 Wind Z	Yes	Y	1	1	2	1	4	-0.87	5	0.5	6	1
21	Dead + Live - .87 Wind X - .5 Wind Z	Yes	Y	1	1	2	1	4	-0.87	5	-0.5	6	1
22	0.6Dead + Wind X	Yes	Y	1	0.6	2		4	1			6	0.6
23	0.6Dead - Wind X	Yes	Y	1	0.6	2		4	-1			6	0.6
24	0.6Dead + Wind Z	Yes	Y	1	0.6	2		5	1			6	0.6
25	0.6Dead - Wind Z	Yes	Y	1	0.6	2		5	-1			6	0.6
26	0.6Dead + Live + .25 Wind X + .97 Wind Z	Yes	Y	1	0.6	2		4	0.25	5	0.97	6	0.6
27	0.6Dead + Live + .25 Wind X - .97 Wind Z	Yes	Y	1	0.6	2		4	0.25	5	-0.97	6	0.6
28	0.6Dead + Live - .25 Wind X + .97 Wind Z	Yes	Y	1	0.6	2		4	-0.25	5	0.97	6	0.6
29	0.6Dead + Live - .25 Wind X - .97 Wind Z	Yes	Y	1	0.6	2		4	-0.25	5	-0.97	6	0.6
30	0.6Dead + Live + .5 Wind X + .87 Wind Z	Yes	Y	1	0.6	2		4	0.5	5	0.87	6	0.6
31	0.6Dead + Live + .5 Wind X - .87 Wind Z	Yes	Y	1	0.6	2		4	0.5	5	-0.87	6	0.6

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
32	0.6Dead + Live - .5 Wind X + .87 Wind Z	Yes	Y	1	0.6	2		4	-0.5	5	0.87	6	0.6
33	0.6Dead + Live - .5 Wind X - .87 Wind Z	Yes	Y	1	0.6	2		4	-0.5	5	-0.87	6	0.6
34	0.6Dead + Live + .97 Wind X + .25 Wind Z	Yes	Y	1	0.6	2		4	0.97	5	0.25	6	0.6
35	0.6Dead + Live + .97 Wind X - .25 Wind Z	Yes	Y	1	0.6	2		4	0.97	5	-0.25	6	0.6
36	0.6Dead + Live - .97 Wind X + .25 Wind Z	Yes	Y	1	0.6	2		4	-0.97	5	0.25	6	0.6
37	0.6Dead + Live - .97 Wind X - .25 Wind Z	Yes	Y	1	0.6	2		4	-0.97	5	-0.25	6	0.6
38	0.6Dead + Live + .87 Wind X + .5 Wind Z	Yes	Y	1	0.6	2		4	0.87	5	0.5	6	0.6
39	0.6Dead + Live + .87 Wind X - .5 Wind Z	Yes	Y	1	0.6	2		4	0.87	5	-0.5	6	0.6
40	0.6Dead + Live - .87 Wind X + .5 Wind Z	Yes	Y	1	0.6	2		4	-0.87	5	0.5	6	0.6
41	0.6Dead + Live - .87 Wind X - .5 Wind Z	Yes	Y	1	0.6	2		4	-0.87	5	-0.5	6	0.6
42	Dead + Live + Wind Orig X	Yes	Y	1	1	2		7	1				
43	Dead + Live - Wind Orig X	Yes	Y	1	1	2		7	-1				
44	Dead + Live + Wind Orig Z	Yes	Y	1	1	2		8	1				
45	Dead + Live - Wind Orig Z	Yes	Y	1	1	2		8	-1				
46	Dead + Live + .25 Wind X + .97 Wind Z	Yes	Y	1	1	2	1	7	0.25	8	0.97		
47	Dead + Live + .25 Wind X - .97 Wind Z	Yes	Y	1	1	2	1	7	0.25	8	-0.97		
48	Dead + Live - .25 Wind X + .97 Wind Z	Yes	Y	1	1	2	1	7	-0.25	8	0.97		
49	Dead + Live - .25 Wind X - .97 Wind Z	Yes	Y	1	1	2	1	7	-0.25	8	-0.97		
50	Dead + Live + .5 Wind X + .87 Wind Z	Yes	Y	1	1	2	1	7	0.5	8	0.87		
51	Dead + Live + .5 Wind X - .87 Wind Z	Yes	Y	1	1	2	1	7	0.5	8	-0.87		
52	Dead + Live - .5 Wind X + .87 Wind Z	Yes	Y	1	1	2	1	7	-0.5	8	0.87		
53	Dead + Live - .5 Wind X - .87 Wind Z	Yes	Y	1	1	2	1	7	-0.5	8	-0.87		
54	Dead + Live + .87 Wind X + .5 Wind Z	Yes	Y	1	1	2	1	7	0.87	8	0.5		
55	Dead + Live + .87 Wind X - .5 Wind Z	Yes	Y	1	1	2	1	7	0.87	8	-0.5		
56	Dead + Live - .87 Wind X + .5 Wind Z	Yes	Y	1	1	2	1	7	-0.87	8	0.5		
57	Dead + Live - .87 Wind X - .5 Wind Z	Yes	Y	1	1	2	1	7	-0.87	8	-0.5		

Load Combination Design

	Description	Service	Hot Rolled	Cold Formed	Wood	Concrete	Masonry	Aluminum	Stainless	Connection
1	Dead		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Dead - Equipment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3	Live		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4	Dead + Live		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	Dead + Live + Equipment		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	Dead + Live + Wind X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7	Dead + Live - Wind X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8	Dead + Live + Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	Dead + Live - Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10	Dead + Live + .25 Wind X + .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11	Dead + Live + .25 Wind X - .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12	Dead + Live - .25 Wind X + .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13	Dead + Live - .25 Wind X - .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14	Dead + Live + .5 Wind X + .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15	Dead + Live + .5 Wind X - .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
16	Dead + Live - .5 Wind X + .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
17	Dead + Live - .5 Wind X - .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
18	Dead + Live + .87 Wind X + .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
19	Dead + Live + .87 Wind X - .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
20	Dead + Live - .87 Wind X + .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
21	Dead + Live - .87 Wind X - .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
22	0.6Dead + Wind X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
23	0.6Dead - Wind X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
24	0.6Dead + Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
25	0.6Dead - Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
26	0.6Dead + Live + .25 Wind X + .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Load Combination Design (Continued)

	Description	Service	Hot Rolled	Cold Formed	Wood	Concrete	Masonry	Aluminum	Stainless	Connection
27	0.6Dead + Live + .25 Wind X - .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
28	0.6Dead + Live - .25 Wind X + .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
29	0.6Dead + Live + .5 Wind X - .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
30	0.6Dead + Live + .5 Wind X + .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
31	0.6Dead + Live + .5 Wind X - .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
32	0.6Dead + Live - .5 Wind X + .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
33	0.6Dead + Live - .5 Wind X - .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
34	0.6Dead + Live + .97 Wind X + .25 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
35	0.6Dead + Live + .97 Wind X - .25 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
36	0.6Dead + Live - .97 Wind X + .25 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
37	0.6Dead + Live - .97 Wind X - .25 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
38	0.6Dead + Live + .87 Wind X + .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
39	0.6Dead + Live + .87 Wind X - .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
40	0.6Dead + Live - .87 Wind X + .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
41	0.6Dead + Live - .87 Wind X - .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
42	Dead + Live + Wind Orig X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
43	Dead + Live - Wind Orig X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
44	Dead + Live + Wind Orig Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
45	Dead + Live - Wind Orig Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
46	Dead + Live + .25 Wind X + .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
47	Dead + Live + .25 Wind X - .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
48	Dead + Live - .25 Wind X + .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
49	Dead + Live - .25 Wind X - .97 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
50	Dead + Live + .5 Wind X + .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
51	Dead + Live + .5 Wind X - .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
52	Dead + Live - .5 Wind X + .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
53	Dead + Live - .5 Wind X - .87 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
54	Dead + Live + .87 Wind X + .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
55	Dead + Live + .87 Wind X - .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
56	Dead + Live - .87 Wind X + .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
57	Dead + Live - .87 Wind X - .5 Wind Z		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Node Loads and Enforced Displacements (BLC 1 : Dead Load)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N9	L	Y	-30
2	N11	L	Y	-30
3	N13	L	Y	-30
4	N10	L	Y	-30
5	N14	L	Y	-30
6	N12	L	Y	-30
7	N25	L	Y	-42.475

Node Loads and Enforced Displacements (BLC 2 : Live Load (water))

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N9	L	Y	-556
2	N11	L	Y	-556
3	N13	L	Y	-556
4	N10	L	Y	-556
5	N14	L	Y	-556
6	N12	L	Y	-556
7	N25	L	Y	-834

Node Loads and Enforced Displacements (BLC 3 : Snow Load)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N9	L	Y	-7.5
2	N12	L	Y	-7.5
3	N14	L	Y	-7.5
4	N10	L	Y	-7.5
5	N13	L	Y	-7.5
6	N11	L	Y	-7.5

Node Loads and Enforced Displacements (BLC 4 : Wind X)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N22	L	X	-4.3
2	N21	L	X	-4.3
3	N26	L	X	-22.8
4	N23	L	X	-0.46
5	N11	L	X	-2.07
6	N13	L	X	-2.07
7	N10	L	X	-2.07
8	N14	L	X	-2.07
9	N12	L	X	-2.07
10	N9	L	X	-2.07

Node Loads and Enforced Displacements (BLC 5 : Wind Z)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N22	L	Z	-4.3
2	N21	L	Z	-4.3
3	N26	L	Z	-22.8
4	N23	L	Z	-0.46
5	N11	L	Z	-2.07
6	N13	L	Z	-2.07
7	N10	L	Z	-2.07
8	N14	L	Z	-2.07
9	N12	L	Z	-2.07
10	N9	L	Z	-2.07

Node Loads and Enforced Displacements (BLC 6 : Dead - New Equipment)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N9	L	Y	-1.2
2	N12	L	Y	-1.2
3	N14	L	Y	-1.2
4	N10	L	Y	-1.2
5	N13	L	Y	-1.2
6	N11	L	Y	-1.2
7	N22	L	Y	-3

Node Loads and Enforced Displacements (BLC 7 : Wind X - Orig)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N26	L	X	-22.8
2	N23	L	X	-0.46
3	N11	L	X	-2.07
4	N13	L	X	-2.07

Node Loads and Enforced Displacements (BLC 7 : Wind X - Orig) (Continued)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
5	N10	L	X	-2.07
6	N14	L	X	-2.07
7	N12	L	X	-2.07
8	N9	L	X	-2.07

Node Loads and Enforced Displacements (BLC 8 : Wind Z - Orig)

	Node Label	L, D, M	Direction	Magnitude [(k, k-ft), (in, rad), (k*s ² /ft, k*s ² *ft)]
1	N26	L	Z	-22.8
2	N23	L	Z	-0.46
3	N11	L	Z	-2.07
4	N13	L	Z	-2.07
5	N10	L	Z	-2.07
6	N14	L	Z	-2.07
7	N12	L	Z	-2.07
8	N9	L	Z	-2.07

Basic Load Cases

	BLC Description	Category	Y Gravity	Nodal	Distributed
1	Dead Load	DL	-1	7	
2	Live Load (water)	LL		7	
3	Snow Load	SL		6	
4	Wind X	WL		10	13
5	Wind Z	WL		10	11
6	Dead - New Equipment	DL		7	
7	Wind X - Orig	WL		8	13
8	Wind Z - Orig	WL		8	11

Member Point Loads

No Data to Print...					
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Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	Exterior Columns	2.5'DIAX0.56"THICK	Column	HSS Pipe	A36 Gr.36	Typical	51.794	5613.302	5613.302	11226.605
2	Center Riser	7'-11"DIA.X0.42"	Column	Pipe	A36 Gr.36	Typical	124.795	1.395e+5	1.395e+5	2.791e+5
3	Struts	WT6X22.5	Beam	W Tee	A36 Gr.36	Typical	6.56	25	16.6	0.627
4	Bottom Sway Rods	2.5"DIA.SR	HBrace	BAR	A36 Gr.36	Typical	4.909	1.917	1.917	3.835
5	Upper Sway Rods	3"DIA.SR	HBrace	BAR	A36 Gr.36	Typical	7.069	3.976	3.976	7.952
6	Internal Sway Rods	1"DIA.SR	HBrace	BAR	A36 Gr.36	Typical	0.785	0.049	0.049	0.098

Member Primary Data

	Label	I Node	J Node	Section/Shape	Type	Design List	Material	Design Rule
1	M1	N5	N12	Exterior Columns	Column	HSS Pipe	A36 Gr.36	Typical
2	M2	N2	N9	Exterior Columns	Column	HSS Pipe	A36 Gr.36	Typical
3	M3	N4	N11	Exterior Columns	Column	HSS Pipe	A36 Gr.36	Typical
4	M4	N6	N13	Exterior Columns	Column	HSS Pipe	A36 Gr.36	Typical
5	M5	N3	N10	Exterior Columns	Column	HSS Pipe	A36 Gr.36	Typical
6	M6	N7	N14	Exterior Columns	Column	HSS Pipe	A36 Gr.36	Typical
7	M7	N1	N8	Center Riser	Column	Pipe	A36 Gr.36	Typical
8	M8	N9	N10	RIGID	None	None	RIGID	Typical
9	M9	N11	N14	RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Section/Shape	Type	Design List	Material	Design Rule
10	M10	N13	N12	RIGID	None	None	RIGID	Typical
11	M11	N12	N9	RIGID	None	None	RIGID	Typical
12	M12	N9	N11	RIGID	None	None	RIGID	Typical
13	M13	N11	N13	RIGID	None	None	RIGID	Typical
14	M14	N13	N10	RIGID	None	None	RIGID	Typical
15	M15	N10	N14	RIGID	None	None	RIGID	Typical
16	M16	N14	N12	RIGID	None	None	RIGID	Typical
17	M17	N8	N22	RIGID	None	None	RIGID	Typical
18	M24	N16	N15	Struts	Beam	W Tee	A36 Gr.36	Typical
19	M25	N15	N20	Struts	Beam	W Tee	A36 Gr.36	Typical
20	M26	N20	N19	Struts	Beam	W Tee	A36 Gr.36	Typical
21	M27	N19	N18	Struts	Beam	W Tee	A36 Gr.36	Typical
22	M28	N18	N17	Struts	Beam	W Tee	A36 Gr.36	Typical
23	M29	N17	N16	Struts	Beam	W Tee	A36 Gr.36	Typical
24	M30	N24	N20	Internal Sway Rods	HBrace	BAR	A36 Gr.36	Typical
25	M31	N24	N19	Internal Sway Rods	HBrace	BAR	A36 Gr.36	Typical
26	M32	N24	N18	Internal Sway Rods	HBrace	BAR	A36 Gr.36	Typical
27	M33	N24	N17	Internal Sway Rods	HBrace	BAR	A36 Gr.36	Typical
28	M34	N24	N16	Internal Sway Rods	HBrace	BAR	A36 Gr.36	Typical
29	M35	N24	N15	Internal Sway Rods	HBrace	BAR	A36 Gr.36	Typical
30	M42	N4	N19	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
31	M43	N6	N20	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
32	M44	N6	N18	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
33	M45	N3	N19	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
34	M46	N3	N17	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
35	M47	N7	N18	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
36	M48	N7	N16	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
37	M49	N5	N17	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
38	M50	N2	N20	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
39	M51	N4	N15	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
40	M52	N2	N16	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
41	M53	N5	N15	Bottom Sway Rods	HBrace	BAR	A36 Gr.36	Typical
42	M54	N19	N10	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
43	M55	N18	N13	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
44	M56	N20	N13	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
45	M57	N19	N11	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
46	M58	N18	N14	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
47	M59	N17	N10	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
48	M60	N17	N12	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
49	M61	N16	N14	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
50	M62	N15	N12	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
51	M63	N16	N9	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
52	M64	N15	N11	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
53	M65	N20	N9	Upper Sway Rods	HBrace	BAR	A36 Gr.36	Typical
54	M72	N27	N10	RIGID	None	None	RIGID	Typical
55	M73	N27	N9	RIGID	None	None	RIGID	Typical
56	M74	N27	N11	RIGID	None	None	RIGID	Typical
57	M75	N27	N13	RIGID	None	None	RIGID	Typical
58	M76	N27	N12	RIGID	None	None	RIGID	Typical
59	M77	N27	N14	RIGID	None	None	RIGID	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	K y-y	K z-z	Channel Conn.	a [ft]	Function
1	M1	Exterior Columns	111.628	55.5	55.5	Lbyy	55.5	0.65	0.65	N/A	N/A	Lateral
2	M2	Exterior Columns	111.627	55.5	55.5	Lbyy	55.5	0.65	0.65	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	K y-y	K z-z	Channel Conn.	a [ft]	Function	
3	M3	Exterior Columns	111.628	55.5	55.5	Lbyy	55.5	0.65	0.65	N/A	N/A	Lateral
4	M4	Exterior Columns	111.628	55.5	55.5	Lbyy	55.5	0.65	0.65	N/A	N/A	Lateral
5	M5	Exterior Columns	111.627	55.5	55.5	Lbyy	55.5	0.65	0.65	N/A	N/A	Lateral
6	M6	Exterior Columns	111.628	55.5	55.5	Lbyy	55.5	0.65	0.65	N/A	N/A	Lateral
7	M7	Center Riser	111.5	55.5	55.5	Lbyy	55.5	1	1	N/A	N/A	Lateral
8	M24	Struts	27.678	25	25	Lbyy		1	1	N/A	N/A	Lateral
9	M25	Struts	27.678	25	25	Lbyy		1	1	N/A	N/A	Lateral
10	M26	Struts	27.679	25	25	Lbyy		1	1	N/A	N/A	Lateral
11	M27	Struts	27.678	25	25	Lbyy		1	1	N/A	N/A	Lateral
12	M28	Struts	27.678	25	25	Lbyy		1	1	N/A	N/A	Lateral
13	M29	Struts	27.679	25	25	Lbyy		1	1	N/A	N/A	Lateral
14	M30	Internal Sway Rods	27.679			Lbyy				N/A	N/A	Lateral
15	M31	Internal Sway Rods	27.679			Lbyy				N/A	N/A	Lateral
16	M32	Internal Sway Rods	27.678			Lbyy				N/A	N/A	Lateral
17	M33	Internal Sway Rods	27.679			Lbyy				N/A	N/A	Lateral
18	M34	Internal Sway Rods	27.679			Lbyy				N/A	N/A	Lateral
19	M35	Internal Sway Rods	27.678			Lbyy				N/A	N/A	Lateral
20	M42	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
21	M43	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
22	M44	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
23	M45	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
24	M46	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
25	M47	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
26	M48	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
27	M49	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
28	M50	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
29	M51	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
30	M52	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
31	M53	Bottom Sway Rods	62.665	32		Lbyy		1	1	N/A	N/A	Lateral
32	M54	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
33	M55	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
34	M56	Upper Sway Rods	61.929	31		Lbyy		1	1	N/A	N/A	Lateral
35	M57	Upper Sway Rods	61.929	31		Lbyy		1	1	N/A	N/A	Lateral
36	M58	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
37	M59	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
38	M60	Upper Sway Rods	61.929	31		Lbyy		1	1	N/A	N/A	Lateral
39	M61	Upper Sway Rods	61.929	31		Lbyy		1	1	N/A	N/A	Lateral
40	M62	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
41	M63	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
42	M64	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral
43	M65	Upper Sway Rods	61.928	31		Lbyy		1	1	N/A	N/A	Lateral

Envelope Node Reactions

Node Label	X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N5	max	24.985	15	624.484	6	25.659	24	0	57	0	57	0	57
2		min	-23.624	37	-63.586	40	-27.429	21	0	1	0	1	0	1
3	N2	max	29.563	18	624.226	17	16.899	24	0	57	0	57	0	57
4		min	-29.563	20	-62.628	24	-28.525	17	0	1	0	1	0	1
5	N4	max	23.624	35	624.484	7	25.659	24	0	57	0	57	0	57
6		min	-24.985	17	-63.586	38	-27.429	19	0	1	0	1	0	1
7	N6	max	23.624	34	624.484	7	27.429	18	0	57	0	57	0	57
8		min	-24.985	16	-63.586	39	-25.659	25	0	1	0	1	0	1
9	N3	max	29.563	19	624.226	16	28.525	16	0	57	0	57	0	57
10		min	-29.563	21	-62.628	25	-16.899	25	0	1	0	1	0	1
11	N7	max	24.985	14	624.484	6	27.429	20	0	57	0	57	0	57

Envelope Node Reactions (Continued)

Node Label		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
12	min	-23.624	36	-63.586	41	-25.659	25	0	1	0	1	0	1
13	N1 max	8.328	22	1455.836	21	8.405	24	0	57	0	57	0	57
14	min	-8.328	23	2.93	2	-8.405	25	0	1	0	1	0	1
15	Totals: max	100.247	22	4602.65	5	98.254	24						
16	min	-100.247	7	10.2	2	-98.254	9						

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-ft]	Mnzz/om [k-ft]	Cb	Eqn	
1	M1	2.5"DIA X 0.56" THICK	0.654	111.628	19	0.012	55.814	20	1019.361	1116.508	872.009	872.009	1	H1-1a
2	M2	2.5"DIA X 0.56" THICK	0.652	111.627	9	0.012	55.814	8	1019.361	1116.508	872.009	872.009	1	H1-1a
3	M3	2.5"DIA X 0.56" THICK	0.654	111.628	21	0.012	55.814	18	1019.361	1116.508	872.009	872.009	1	H1-1a
4	M4	2.5"DIA X 0.56" THICK	0.654	111.628	20	0.012	55.814	19	1019.361	1116.508	872.009	872.009	1	H1-1a
5	M5	2.5"DIA X 0.56" THICK	0.652	111.627	8	0.012	55.814	9	1019.361	1116.508	872.009	872.009	1	H1-1a
6	M6	2.5"DIA X 0.56" THICK	0.654	111.628	18	0.012	55.814	21	1019.361	1116.508	872.009	872.009	1	H1-1a
7	M7	7'-11"DIA. X 0.42"	0.733	54.589	10	0.02	0	11	2112.952	2690.2	5672.183	5672.183	1	H1-1a
8	M30	1"DIA. SR	0.036	27.679	46	0.005	27.679	20	0.067	16.931	0.282	0.282	1	H1-1b*
9	M31	1"DIA. SR	0.036	27.679	47	0.005	27.679	21	0.067	16.931	0.282	0.282	1	H1-1b*
10	M32	1"DIA. SR	0.149	27.678	46	0.005	27.678	18	0.067	16.931	0.282	0.282	1	H1-1b*
11	M33	1"DIA. SR	0.036	27.679	49	0.005	27.679	19	0.067	16.931	0.282	0.282	1	H1-1b*
12	M34	1"DIA. SR	0.036	27.679	48	0.005	27.679	18	0.067	16.931	0.282	0.282	1	H1-1b*
13	M35	1"DIA. SR	0.149	27.678	47	0.005	27.678	21	0.067	16.931	0.282	0.282	1	H1-1b*
14	M42	2.5"DIA. SR	0.737	62.665	8	0.005	62.665	20	0.51	105.817	4.409	4.409	1	H1-1a*
15	M43	2.5"DIA. SR	0.737	62.665	9	0.005	62.665	21	0.51	105.817	4.409	4.409	1	H1-1a*
16	M44	2.5"DIA. SR	0.752	62.665	18	0.005	62.665	12	0.51	105.817	4.409	4.409	1	H1-1a*
17	M45	2.5"DIA. SR	0.752	62.665	21	0.005	62.665	45	0.51	105.817	4.409	4.409	1	H1-1a*
18	M46	2.5"DIA. SR	0.752	62.665	19	0.005	62.665	45	0.51	105.817	4.409	4.409	1	H1-1a*
19	M47	2.5"DIA. SR	0.752	62.665	20	0.005	62.665	10	0.51	105.817	4.409	4.409	1	H1-1a*
20	M48	2.5"DIA. SR	0.737	62.665	9	0.005	62.665	19	0.51	105.817	4.409	4.409	1	H1-1a*
21	M49	2.5"DIA. SR	0.737	62.665	8	0.005	62.665	18	0.51	105.817	4.409	4.409	1	H1-1a*
22	M50	2.5"DIA. SR	0.752	62.665	20	0.005	62.665	44	0.51	105.817	4.409	4.409	1	H1-1a*
23	M51	2.5"DIA. SR	0.752	62.665	19	0.005	62.665	13	0.51	105.817	4.409	4.409	1	H1-1a*
24	M52	2.5"DIA. SR	0.752	62.665	18	0.005	62.665	44	0.51	105.817	4.409	4.409	1	H1-1a*
25	M53	2.5"DIA. SR	0.752	62.665	21	0.005	62.665	11	0.51	105.817	4.409	4.409	1	H1-1a*
26	M54	3"DIA. SR	0.4	61.928	18	0.006	61.928	19	1.082	152.377	7.619	7.619	1	H1-1a*
27	M55	3"DIA. SR	0.401	61.928	21	0.006	61.928	9	1.082	152.377	7.619	7.619	1	H1-1a*
28	M56	3"DIA. SR	0.401	61.929	8	0.006	61.929	18	1.082	152.377	7.619	7.619	1	H1-1a*
29	M57	3"DIA. SR	0.401	61.929	9	0.006	61.929	19	1.082	152.377	7.619	7.619	1	H1-1a*
30	M58	3"DIA. SR	0.401	61.928	19	0.006	61.928	9	1.082	152.377	7.619	7.619	1	H1-1a*
31	M59	3"DIA. SR	0.4	61.928	20	0.006	61.928	21	1.082	152.377	7.619	7.619	1	H1-1a*
32	M60	3"DIA. SR	0.401	61.929	9	0.006	61.929	21	1.082	152.377	7.619	7.619	1	H1-1a*
33	M61	3"DIA. SR	0.401	61.929	8	0.006	61.929	20	1.082	152.377	7.619	7.619	1	H1-1a*
34	M62	3"DIA. SR	0.401	61.928	18	0.006	61.928	8	1.082	152.377	7.619	7.619	1	H1-1a*
35	M63	3"DIA. SR	0.4	61.928	21	0.006	61.928	20	1.082	152.377	7.619	7.619	1	H1-1a*
36	M64	3"DIA. SR	0.401	61.928	20	0.006	61.928	8	1.082	152.377	7.619	7.619	1	H1-1a*
37	M65	3"DIA. SR	0.4	61.928	19	0.006	61.928	18	1.082	152.377	7.619	7.619	1	H1-1a*

EXTERIOR COLUMNS

Anchor Bolt Analysis

<AWWA Sec. 3.8.9.1 >

N	3 bolts		
P _{total}	65 kips/Column	Uplift	< RISA >
P _w	21.67 kips/bolt	Uplift	< Conservative >

1.5 Inch Dia. F1554 Gr. 36 Bolts

Gr. 36 Steel Assumed

A _{bolts}	1.77 in ²		
F _{nt}	43.5 ksi	< 0.75 x 58 ksi >	
Tension Force, r _n /Ω	38.44 kips/bolts		
Shear Force, R _a Total	26.00 kips	< RISA >	
f _v	4.90 ksi		
F _{nv}	29 ksi	< 0.5 x 58 ksi >	

Allow. Shear Force, r_n/Ω 25.62 kips
< Shear NOT required for combined stress due to sliding check passing >

Combined Shear and Tension < AISC J3-3b >

F' _{nt}	41.8 ksi	< AISC - J3-3b >	
R _n /Ω	36.97 kips/bolt	> Pw OK	< AISC - J3-2 >
Unity	0.586	OK	

Base Plate Analysis

< AISC DG #1 >

Plate Diameter	38.75 in < TEP Mapping >
Plate Depth	3 in < TEP Mapping >

Original Loading	D + Water	545896 lbs
	D + Water + Wind	611539 lbs

New Loading	D + Water	546752 lbs
	D + Water + Wind	624484 lbs

Area of Ring	1179.32 in ²
Section Modulus	5712.35 in ³

Dead + Water	P/A - Orig	462.89 psi		
	P/A - New	463.61 psi	% Increase	0.16 < 5 OK

Dead + Water + Wind	P/A - Orig	518.55 psi		
	P/A - New	529.53 psi	% Increase	2.12 < 10 OK

CENTER RISER

Anchor Bolt Analysis

<AWWA Sec. 3.8.9.1 >

N	4 bolts		
P _{total}	0 kips/Column	Uplift	< RISA >
P _w	0.00 kips/bolt	Uplift	< Conservative >

1 Inch Dia. F1554 Gr. 36 Bolts

Gr. 36 Steel Assumed

A _{bolts}	0.79 in ²		
F _{nt}	43.5 ksi	< 0.75 x 58 ksi >	
Tension Force, r _n /Ω	17.08 kips/bolts		
Shear Force, R _a Total	10.00 kips	< RISA >	
f _v	3.18 ksi		
F _{nv}	29 ksi	< 0.5 x 58 ksi >	

Allow. Shear Force, r_n/Ω 11.39 kips
< Shear NOT required for combined stress due to sliding check passing >

Combined Shear and Tension < AISC J3-3b >

F' _{nt}	43.5 ksi	< AISC - J3-3b >	
R _n /Ω	17.08 kips/bolt	> Pw OK	< AISC - J3-2 >
Unity	0.110	OK	

Base Plate Analysis

< AISC DG #1 >

Plate Diameter	103.5 in < TEP Mapping >
Plate Depth	2.5 in < TEP Mapping >

Original Loading	D + Water	1404374 lbs
	D + Water + Wind	1446979 lbs

New Loading	D + Water	1407304 lbs
	D + Water + Wind	1455836 lbs

Area of Ring	8413.37 in ²
Section Modulus	108848.03 in ³

Dead + Water	P/A - Orig	166.92 psi		
	P/A - New	167.27 psi	% Increase	0.21 < 10 OK

Dead + Water + Wind	P/A - Orig	171.99 psi		
	P/A - New	173.04 psi	% Increase	0.61 < 10 OK



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PROJECT

LIN Threshers

Water Tower - Anchorage and Base Plate Analysis

Project number	231074	-
Date	09.19.2024	
Drawn by	n/a	
Checked by	BL	Scale N.T.S.

Check Tower Struts (Built Up Section of Channels)

		<u>Gravity</u>		<u>Lateral</u>	
Vert. Channel	C6x8.2	I_{x1}	13.1 in ⁴	I_{y1}	0.687 in ⁴
		A_1	2.39 in ²	A_1	2.39 in ²
		d_1	1.932067 in	d_1	0 in
Horiz. Channel	C7x9.8	I_{x2}	0.957 in ⁴	I_{y2}	21.2 in ⁴
		A_2	2.87 in ²	A_2	2.87 in ²
\bar{y}	4.93 in	d_2	1.608933 in	d_2	0 in
		A_{total}	5.26 in ²	A_{total}	5.26 in ²
		I_{xtotal}	30.41 in ⁴	I_{ytotal}	21.887 in ⁴
		r_x	2.40 in	r_y	2.04 in
		<u>Check Compression and Moment</u>		<u>Check Bending</u>	
		A_g	5.26 in ²	w_a	36.00 plf
		r_{min}	2.04 in	M_a	3.45 kip-ft < From RISA >
		L	25.178 ft	Z_x	9.21 ksi
		E	29000 ksi	M_n/Ω	16.54 ft-kips
		G	11200 ksi	B	0.49
		F_y	36 ksi		-0.49
		K	1	M_{cr}	718.69
		d_x	8.09		281.58 k-in
		d_y	7		23.47 k-ft
		J	0.2633	M_n/Ω	14.05 ft-kips
		$4.71 \times \text{SQRT}(E/F_y)$	133.68	$1.333 \times M_n/\Omega$	18.72989 ft-kips < AWWA Increase * >
		KL/r	148.12		
		F_e	13.05 ksi		
		F_{cr}	11.44 ksi		
		P_n/Ω	36.04 kips		
		$1.333 \times P_n/\Omega$	48.03874 kips < AWWA Increase * >		
		P_a	32.364 kips < From RISA >		
		Interaction	0.86 < 1.0 OK		

* - AWWA Section 3.3.3 allows 1.333 Increase in capacity for wind and seismic design



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PROJECT
 LIN Threshers

Water Tower - Strut Analysis

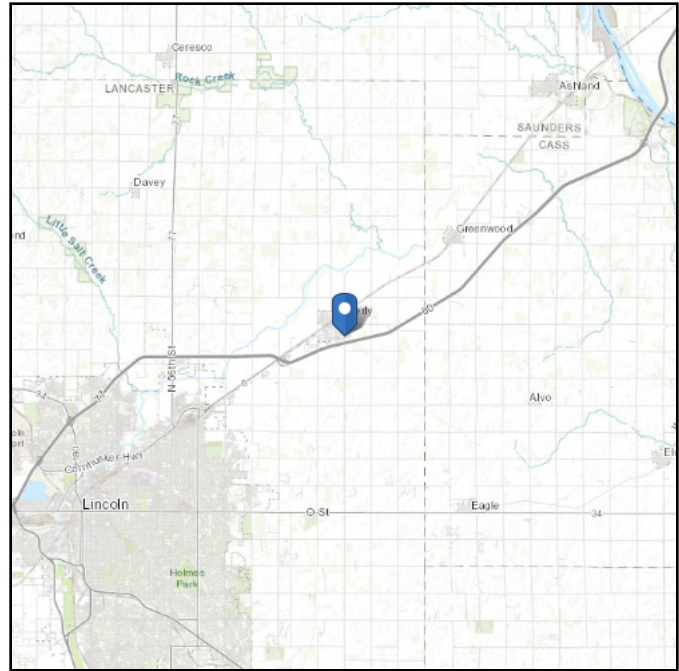
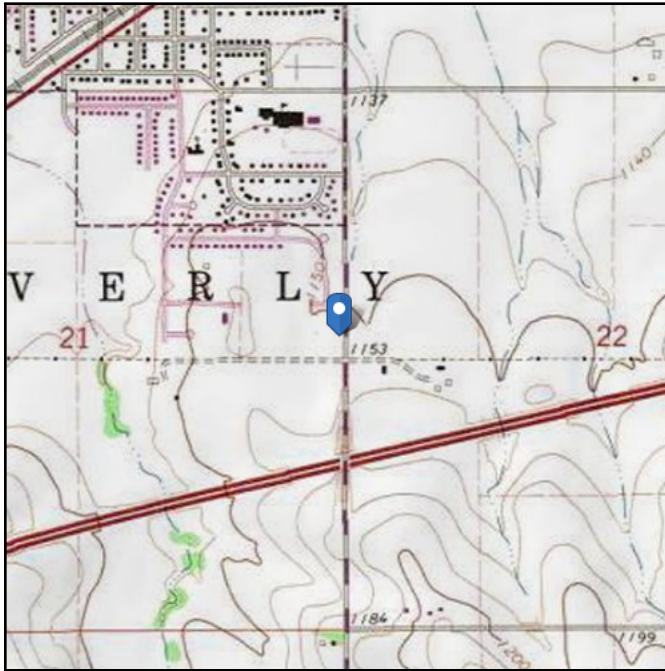
Project number	231074	-
Date	09.19.2024	
Drawn by	n/a	
Checked by	BL	Scale N.T.S.

ASCE Hazards Report

Address:
9821 N 148th St
Waverly, Nebraska
68462

Standard: ASCE/SEI 7-16
Risk Category: IV
Soil Class: D - Default (see Section 11.4.3)

Latitude: 40.907631
Longitude: -96.521154
Elevation: 1151.0592050523971 ft (NAVD 88)



Wind

Results:

Wind Speed	124 Vmph
10-year MRI	78 Vmph
25-year MRI	85 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1D and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Mon Sep 16 2024

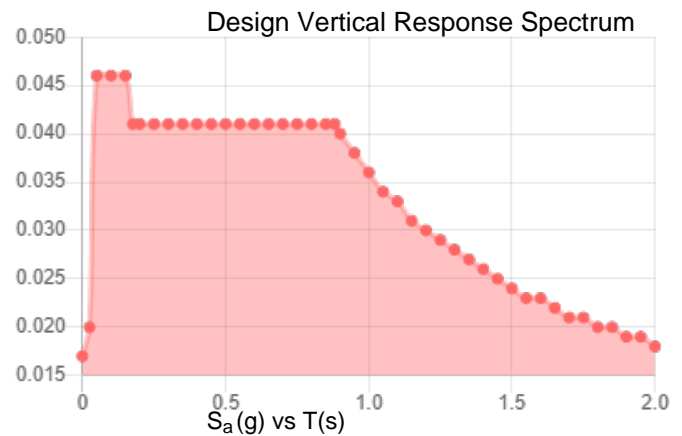
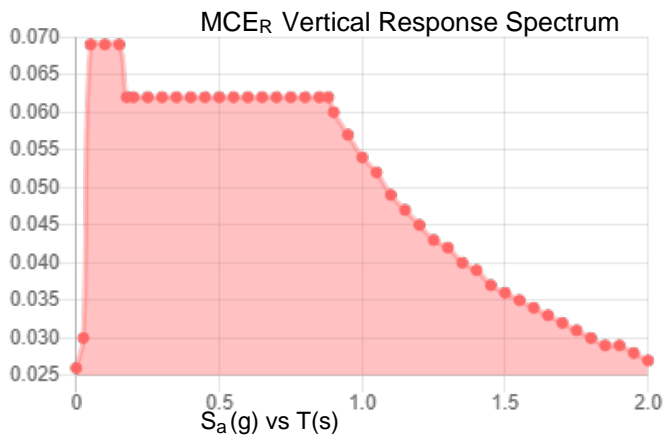
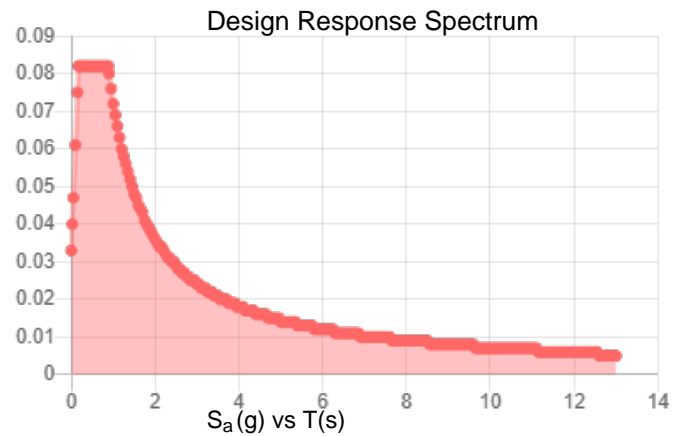
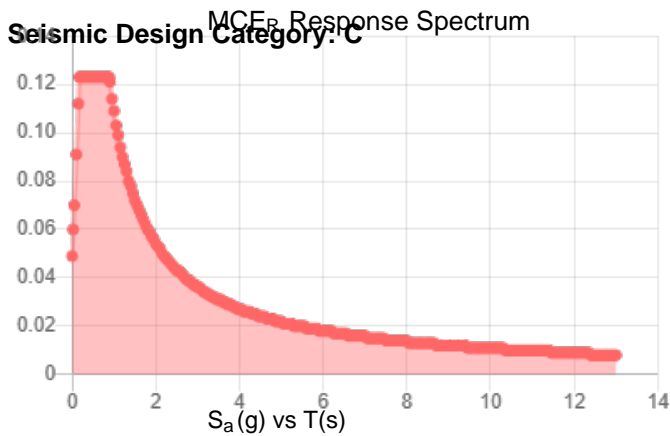
Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 1.6% probability of exceedance in 50 years (annual exceedance probability = 0.00033, MRI = 3,000 years).

Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_s :	0.077	S_{D1} :	0.072
S_1 :	0.045	T_L :	12
F_a :	1.6	PGA :	0.037
F_v :	2.4	PGA _M :	0.06
S_{MS} :	0.123	F_{PGA} :	1.6
S_{M1} :	0.109	I_e :	1.5
S_{DS} :	0.082	C_v :	0.7



Data Accessed: Mon Sep 16 2024

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 1.50 in.
Concurrent Temperature: -5 F
Gust Speed 40 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Mon Sep 16 2024

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Snow

Results:

Ground Snow Load, p_g : 25 lb/ft²
Mapped Elevation: 1151.1 ft

Data Source: ASCE/SEI 7-16, Table 7.2-8

Date Accessed: Mon Sep 16 2024

Values provided are ground snow loads. In areas designated "case study required," extreme local variations in ground snow loads preclude mapping at this scale. Site-specific case studies are required to establish ground snow loads at elevations not covered.

Snow load values are mapped to a 0.5 mile resolution. This resolution can create a mismatch between the mapped elevation and the site-specific elevation in topographically complex areas. Engineers should consult the local authority having jurisdiction in locations where the reported 'elevation' and 'mapped elevation' differ significantly from each other.

The ASCE Hazard Tool is provided for your convenience, for informational purposes only, and is provided “as is” and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

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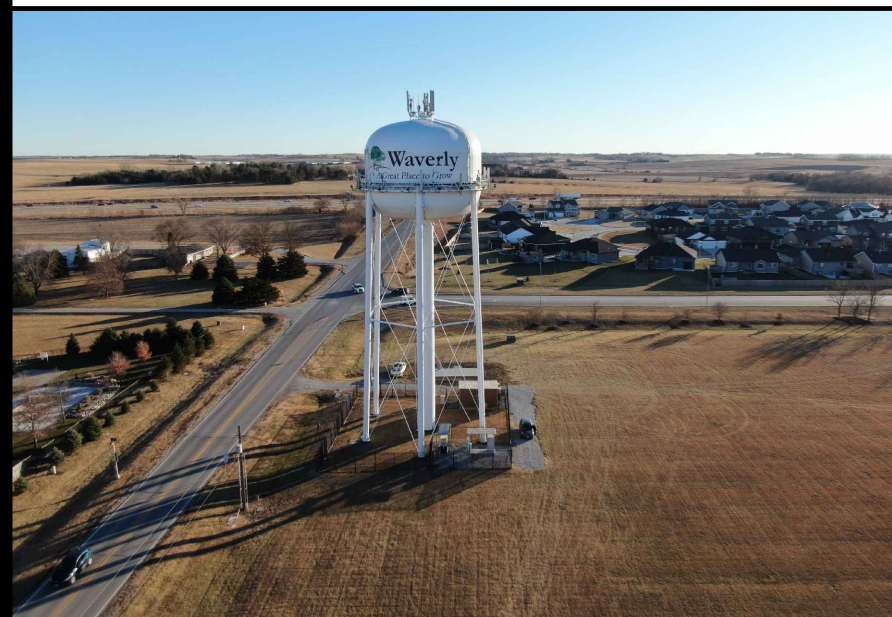
In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE Hazard Tool.



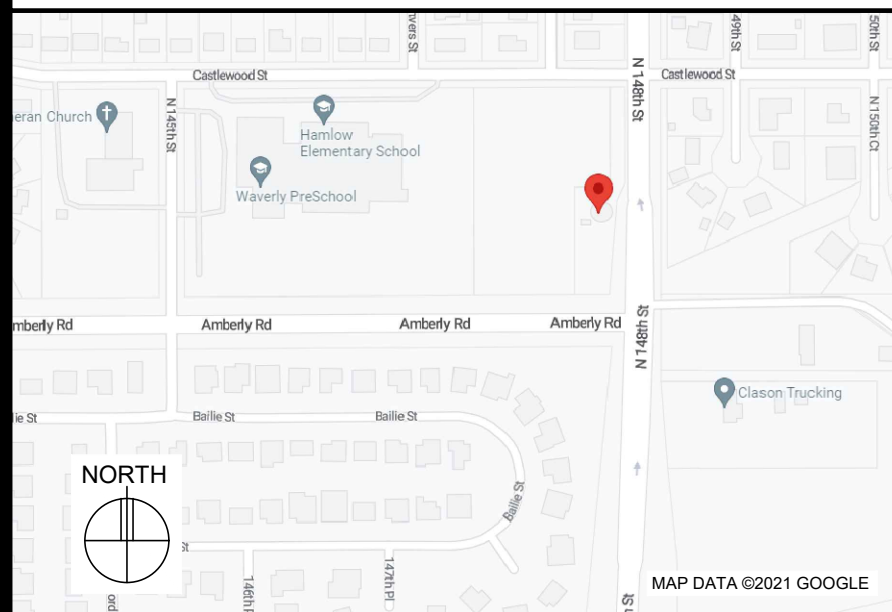
LIN THRESHERS

C-BAND CARRIER ADD, AVIATION LIGHT MOUNT & STAND-OFF MOUNTS

SITE PHOTO



VICINITY MAP



SHEET INDEX

SHEET	SHEET DESCRIPTION
T-1	PROJECT INFORMATION, MAPS, DIRECTIONS, AND SHEET INDEX
A-1	TOWER ELEVATIONS & MOUNTING DETAILS
A-2	EQUIPMENT PAD PLAN, CABLE LAYOUT PLAN, CABLE ENTRY DETAIL, & ONE-LINE DIAGRAM
A-3	EXISTING KEYS
A-4	PROPOSED KEYS
A-5	PHOTOS

ISSUE SUMMARY

REV	DESCRIPTION	SHEET OR DETAIL
A	ISSUED FOR REVIEW	ALL
B	ISSUED FOR REVIEW	ALL
C	ISSUED FOR REVIEW	ALL
0	ISSUED FOR BID / CONSTRUCTION	ALL
1	REVISED OBSTRUCTION LIGHT & STAND-OFFS MOUNTS & OVERALL WATER TOWER STRUCTURAL REVIEW INFO	ALL

VERIZON WIRELESS DEPARTMENTAL APPROVALS

JOB TITLE	NAME	DATE
RF ENGINEER	GREG CHAMBERLIN	08-30-24
CONSTRUCTION ENGINEER	SCOTT HORKY	08-30-24

LESSOR / LICENSOR APPROVAL

SIGNATURE	PRINTED NAME	DATE

LESSOR / LICENSOR: PLEASE CHECK THE APPROPRIATE BOX BELOW
 NO CHANGES. CHANGES NEEDED. SEE COMMENTS ON PLANS.

SITE LOCATION



CONTACTS

LESSOR: CITY OF WAVERLY
14130 LANCASHIRE STREET
WAVERLY, NE 68462
CHAD LYONS
(402) 786-2312

LESSEE: VERIZON WIRELESS
10801 BUSH LAKE ROAD
BLOOMINGTON, MN 55438
CONSTRUCTION DEPT (952) 946-4700

DESIGNER: DESIGN 1 OF EDEN PRAIRIE LLC.
9973 VALLEY VIEW ROAD
EDEN PRAIRIE, MN 55344
(952) 903-9299

STRUCTURAL ENGINEER (MOUNT): COLLIERS ENGINEERING & DESIGN
5141 VIRGINIA WAY, SUITE 420
BRENTWOOD, TN 37027
(615) 686-2575

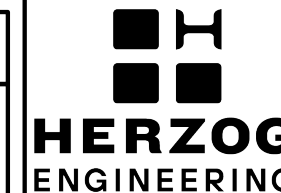
STRUCTURAL ENGINEER (TOWER): HERZOG ENGINEERING LLC
1334 81ST AVE NE
SPRING LAKE PARK, MN 55432
(612) 844-1234

PROJECT INFORMATION

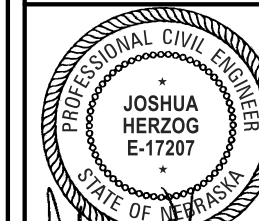
SITE NAME: LIN THRESHERS
 PROJECT NUMBER: VZ-00199771.C
 SITE ADDRESS: 9821 N 148TH STREET
WAVERLY, NE 68462
 COUNTY: LANCASTER
 LATITUDE: N 40° 54' 27.44" (PER 1A DATED 10-13-17)
 LONGITUDE: W 96° 31' 16.46" (PER 1A DATED 10-13-17)
 GROUND ELEVATION: 1150.0' AMSL (PER 1A DATED 10-13-17)
 ANTENNA TIP HEIGHT: SEE A-4
 ANTENNA CENTERLINE HEIGHT: SEE A-4
 STRUCTURE HEIGHT: 152.5' AGL
 OVERALL STRUCTURE HEIGHT: 154.0' AGL
 GENERATOR ON SITE: YES (VZW/DIESEL)
 TOWER BUILT: UNKNOWN
 BASED ON RFDS DATED: 02-06-24
 PMI INFORMATION: PMI ACCESSED AT: pmi.vzsmart.com
SMART TOOL #: 10232025
 • SEE A-1 FOR MOUNT ANALYSIS INFORMATION & IF MOUNT MODIFICATIONS ARE REQUIRED
 • PMI AND ITS REQUIREMENTS LOCATED IN THE MOUNT ANALYSIS
 • SMART KIT VENDORS LOCATED IN MOUNT MODIFICATIONS

PROJECT DESCRIPTION:
PROPOSED:

- (3) ANTENNAS
- (3) STAND-OFF MOUNTS
- OBSTRUCTION LIGHT MOUNT ASSEMBLY
- POWERSHIFT EQUIPMENT
- HYBRID CABLE



1334 81ST AVE NE
SPRING LAKE PARK, MN 55432
(612) 844-1234



I, Joshua Herzog, am the Coordinating Professional on the LIN Threshers project

HE #: 231074 09/26/2024



9973 VALLEY VIEW RD.
EDEN PRAIRIE, MN 55344
(952) 903-9299
WWW.DESIGN1EP.COM



10801 BUSH LAKE ROAD
BLOOMINGTON, MN 55438
(952) 946-4700

PROJECT
VZ-00199771.C

LOC. CODE # 404731

LIN
THRESHERS

9821 N 148TH STREET
WAVERLY, NE 68462

SHEET CONTENTS:

- CONTACTS
- ISSUE SUMMARY
- SHEET INDEX
- DEPARTMENTAL APPROVALS
- LESSOR APPROVAL
- PROJECT INFORMATION
- VICINITY MAP
- GENERAL NOTES

DRAWN BY: ATJ

CHECKED BY: TAB

REV. A 03-13-23

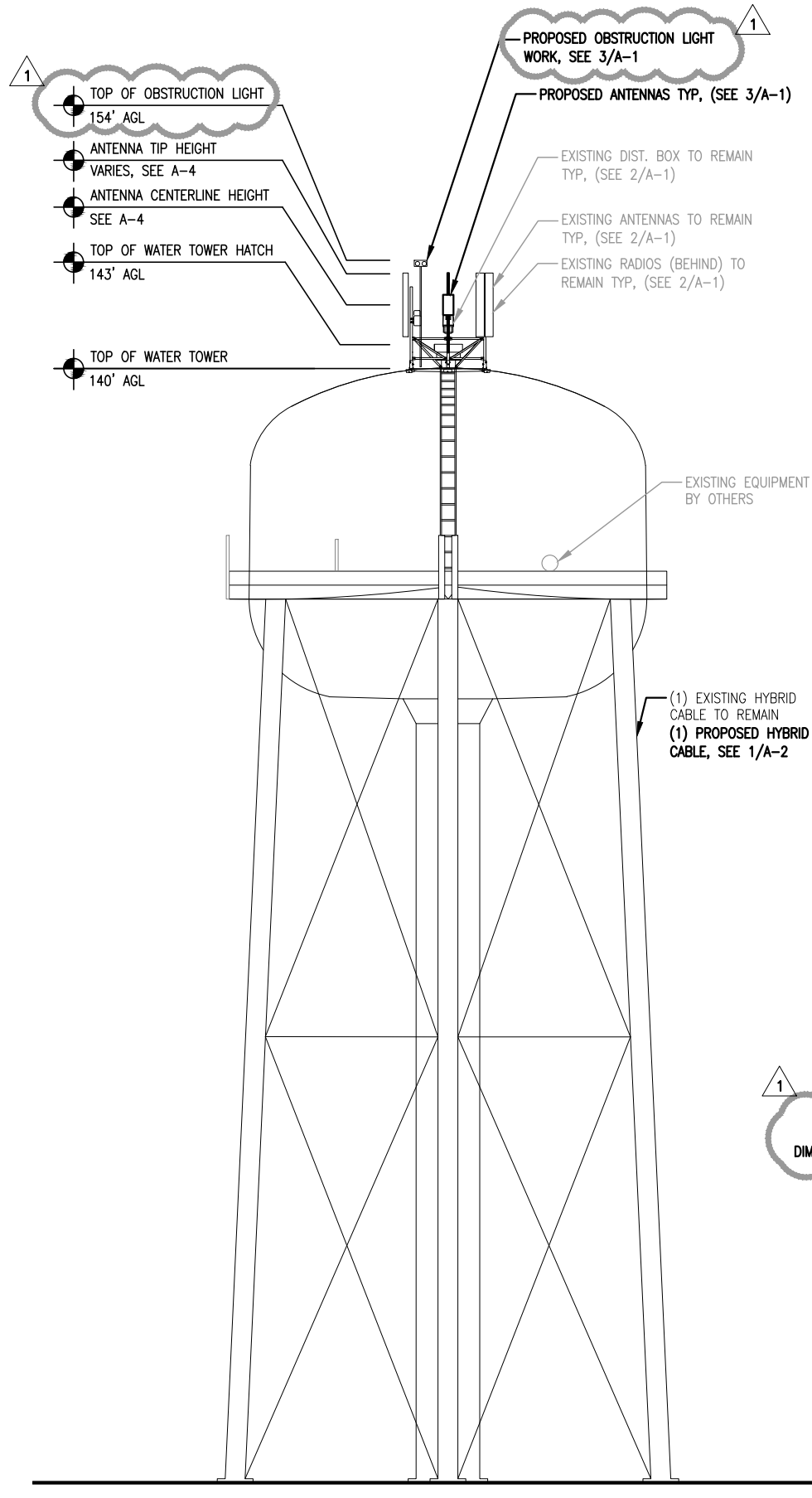
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REV. C 07-18-24

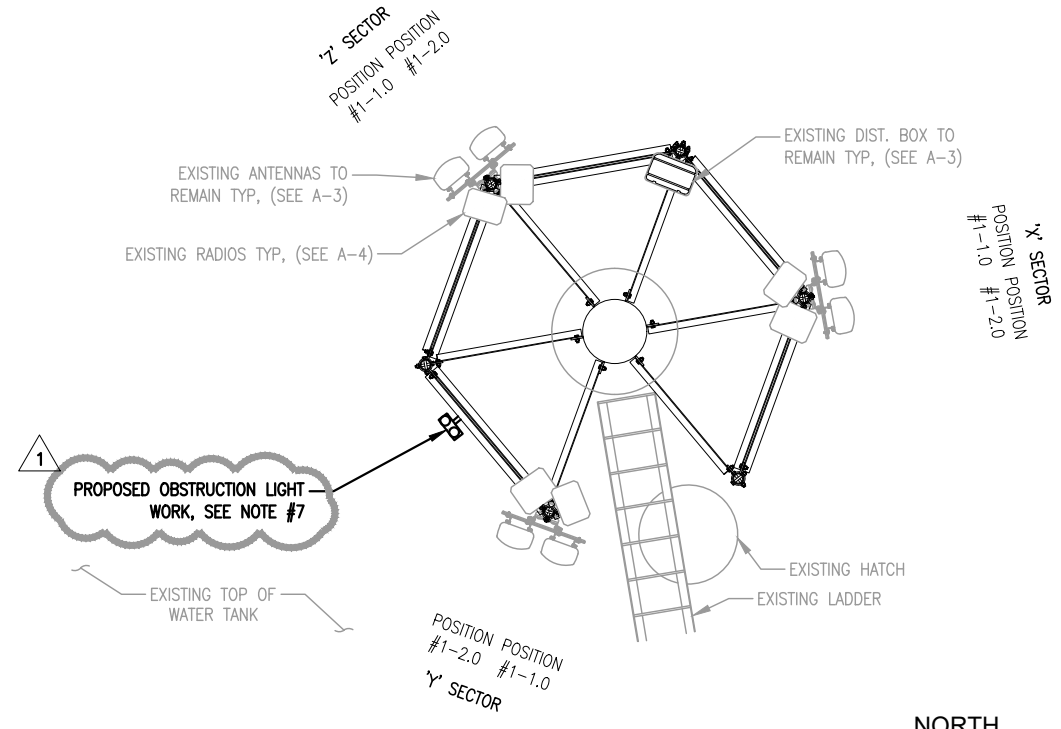
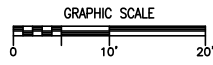
REV. 0 07-30-24

REV. 1 09-26-24

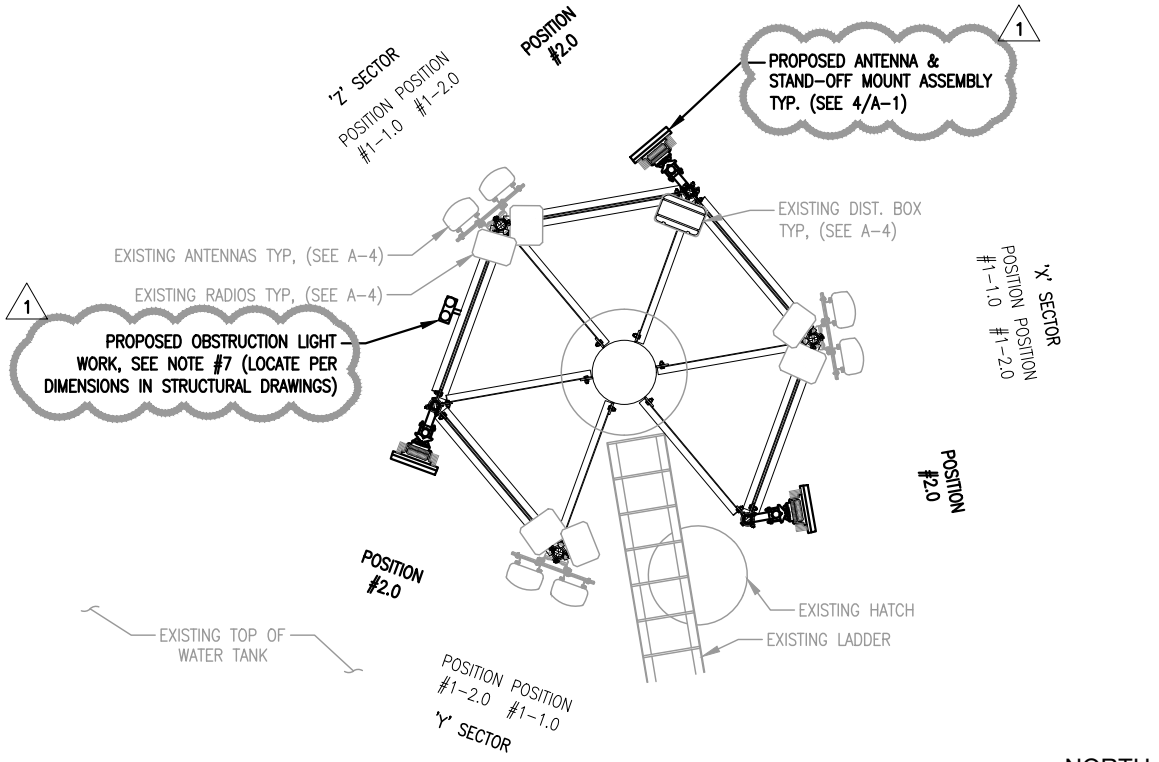
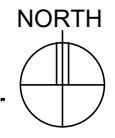
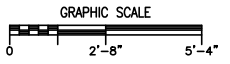
T-1



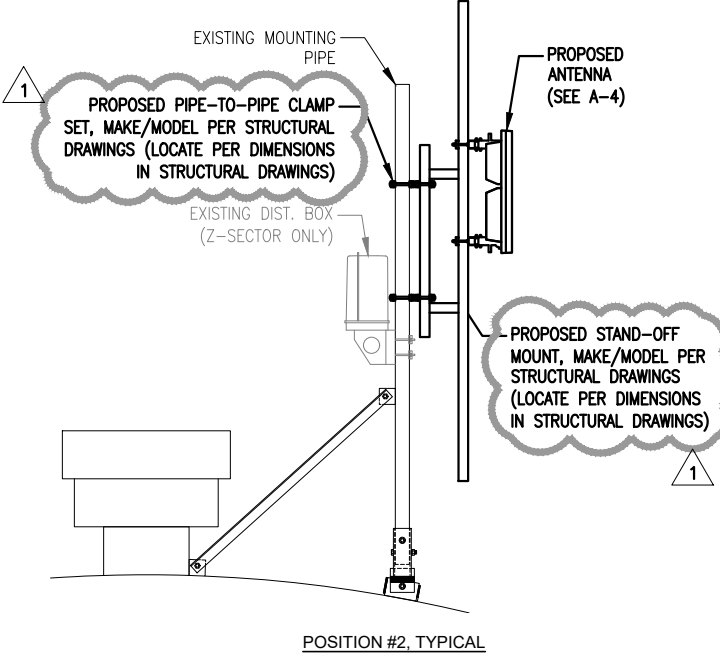
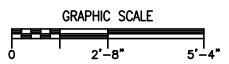
1 TOWER ELEVATION
SCALE: 1" = 20'-0"



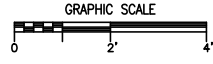
2 EXISTING MOUNTING DETAIL
SCALE: 3/16" = 1'-0"



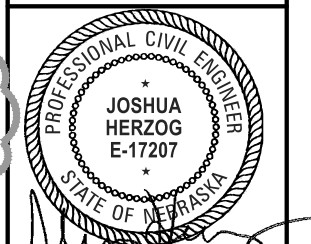
3 PROPOSED MOUNTING DETAIL
SCALE: 3/16" = 1'-0"



4 PROPOSED SECTION
SCALE: 1/4" = 1'-0"



- NOTES:**
- PROPOSED ANTENNAS AND EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH TOWER ANALYSIS DATED 09-19-24 BY HERZOG ENGINEERING LLC, PROJECT #231074 AND MOUNT ANALYSIS DATED 08-27-24 BY COLLIER'S ENGINEERING & DESIGN, PROJECT #24778481. NOTIFY ENGINEER & DESIGNER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES BETWEEN THE TOWER ANALYSIS/MOUNT ANALYSIS/CONSTRUCTION DRAWINGS AND EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY THAT THE HEIGHTS OF THE EXISTING EQUIPMENT MATCH THE TOWER ANALYSIS AND THE MOUNT ANALYSIS.
 - STRUCTURAL MODIFICATIONS ARE REQUIRED ON THIS MOUNT. CONTRACTOR TO COMPLETE MODIFICATIONS PRIOR TO COMMENCING ANY WORK DEPICTED IN THESE PLANS. SEE MOUNT MODIFICATION DRAWINGS DATED 08-27-24 BY COLLIER'S ENGINEERING & DESIGN, JOB #24778481.
 - SCOPE OF WORK INCLUDES FIELD VERIFICATION THAT ALL BOLTED CONNECTIONS, INCLUDING U-BOLTS, ARE PROVIDED WITH NUT-LOCKING DEVICE OR MECHANISM SUCH AS, BUT NOT LIMITED TO, LOCK NUTS, LOCK WASHERS, OR PALNUTS. SCOPE OF WORK INCLUDES FURNISHING & INSTALLING NUT-LOCKING DEVICES OR MECHANISMS AS REQUIRED PER TIA-222-H.
 - THE DESIGNER / EOR (ENGINEER ON RECORD) MAKES NO WARRANTY, EXPRESSED OR IMPLIED, ON THE STRUCTURAL ADEQUACY FOR PROPRIETARY BRACKETS, CLIPS, PARTS FROM A MANUFACTURER.
 - CONTRACTOR TO PROVIDE AND INSTALL ALL ANTENNA, & CABLE MOUNTING HARDWARE REQUIRED.
 - EXISTING CABLE ROUTE FROM CATWALK TO TOP OF TOWER IS CONCEALED WITH A SHEET METAL COVER. SCOPE OF WORK INCLUDES ROUTING THE PROPOSED HYBRID CABLE ALONG THE EXISTING CABLE ROUTE BELOW THE SHEET METAL COVER & FASTENING CABLE TO EXISTING SUPPORTS (4'-0" O.C. FIELD VERIFY).
 - PROPOSED OBSTRUCTION LIGHT SCOPE OF WORK INCLUDES PROVIDING THE MATERIALS & LABOR FOR THE FOLLOWING:
 - SALVAGE OBSTRUCTION LIGHT FOR RE-USE.
 - REMOVAL OF EXISTING MOUNT ASSEMBLY.
 - PROPOSED MOUNT ASSEMBLY (SEE STRUCTURAL DRAWINGS).
 - ATTACHMENT THE EXISTING OBSTRUCTION LIGHT.
 - EXTENSION OF ELECTRICAL CABLES/COMPONENTS.
 - PAINTING THE PROPOSED OBSTRUCTION LIGHT MOUNT ASSEMBLY.
 - PAINTING THE GUARDRAIL ASSEMBLY AT MOUNT CONNECTIONS.
 - PAINTING FINISH COAT COLOR TO MATCH THE EXISTING WATER TOWER, VERIFY COLOR MATCH WITH LESSOR.
 - GALVANIZED SURFACES TO BE PREPARED AND DRY WITH COATINGS APPLIED PER MANUFACTURER'S RECOMMENDATION. CLEAN IN ACCORDANCE WITH SSPC SP-1 SOLVENT CLEANING, SSPC SP-7 BRUSH-OFF BLAST, AND APPLY:
 - PRIMER: ONE (1) COAT COROTHANE I MIO-ALUMINUM.
 - FINISH: ONE (1) COAT COROTHANE I ALIPHATIC.



I, Joshua Herzog, am the Coordinating Professional on the LIN Threshers project
HE #: 231074 09/26/2024

DESIGN 1
9973 VALLEY VIEW RD.
EDEN PRAIRIE, MN 55344
(952) 903-9299
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verizon
10801 BUSH LAKE ROAD
BLOOMINGTON, MN 55438
(952) 946-4700

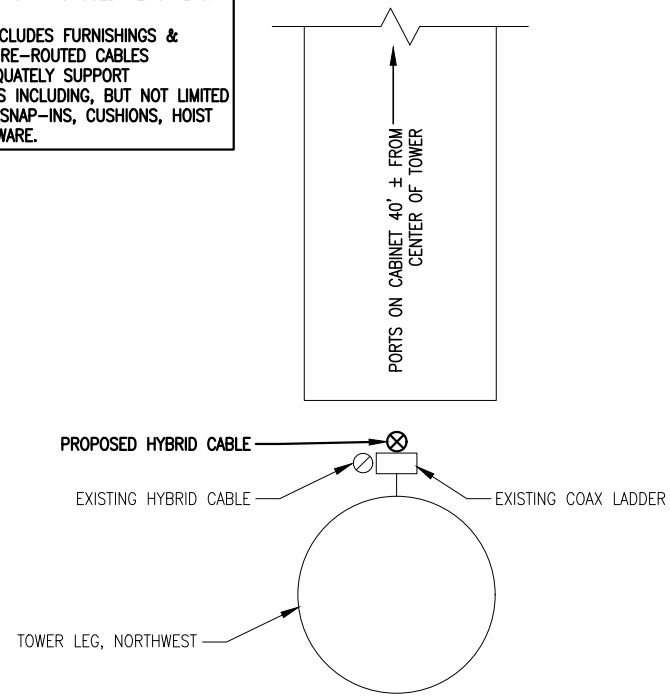
PROJECT
VZ-00199771.C
LOC. CODE # 404731

LIN THRESHERS
9821 N 148TH STREET
WAVERLY, NE 68462

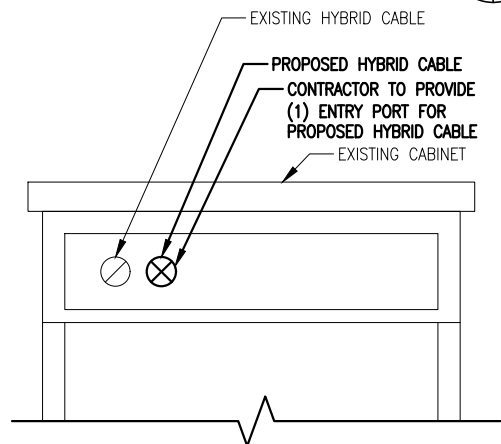
SHEET CONTENTS:
TOWER ELEVATION
EXISTING MOUNTING DETAIL
PROPOSED MOUNTING DETAIL

DRAWN BY:	ATJ
CHECKED BY:	TAB
REV. A	03-13-23
REV. B	03-17-23
REV. C	07-18-24
REV. 0	07-30-24
REV. 1	09-26-24

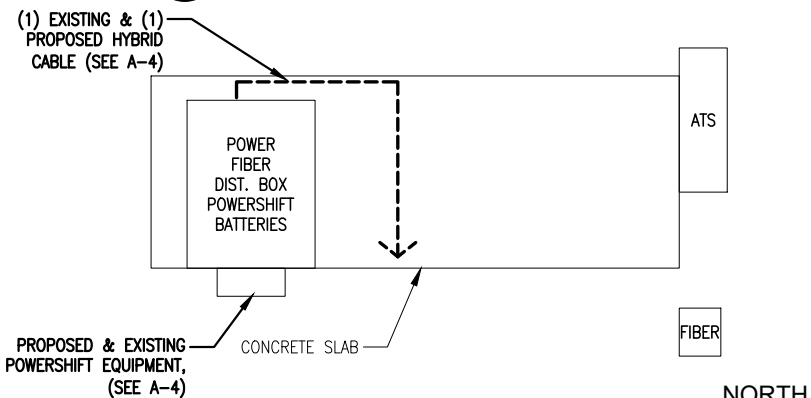
NOTE:
 1) CONTRACTOR TO FURNISH & INSTALL CAPS, INSERTS, AND/OR BOOT KITS AT LOCATION OF PROPOSED REMOVAL & INSTALLATION, FIELD VERIFY.
 2) CABLING SCOPE OF WORK INCLUDES FURNISHINGS & INSTALLING ALL PROPOSED AND RE-ROUTED CABLES ATTACHMENT HARDWARE TO ADEQUATELY SUPPORT THROUGHOUT THE CABLE ROUTES INCLUDING, BUT NOT LIMITED TO, ALL NECESSARY BRACKETS, SNAP-INS, CUSHIONS, HOIST GRIPS, & MISCELLANEOUS HARDWARE.



1 CABLE LAYOUT PLAN
 SCALE: NTS



2 CABLE ENTRY DETAIL
 VIEW: FROM OUTSIDE

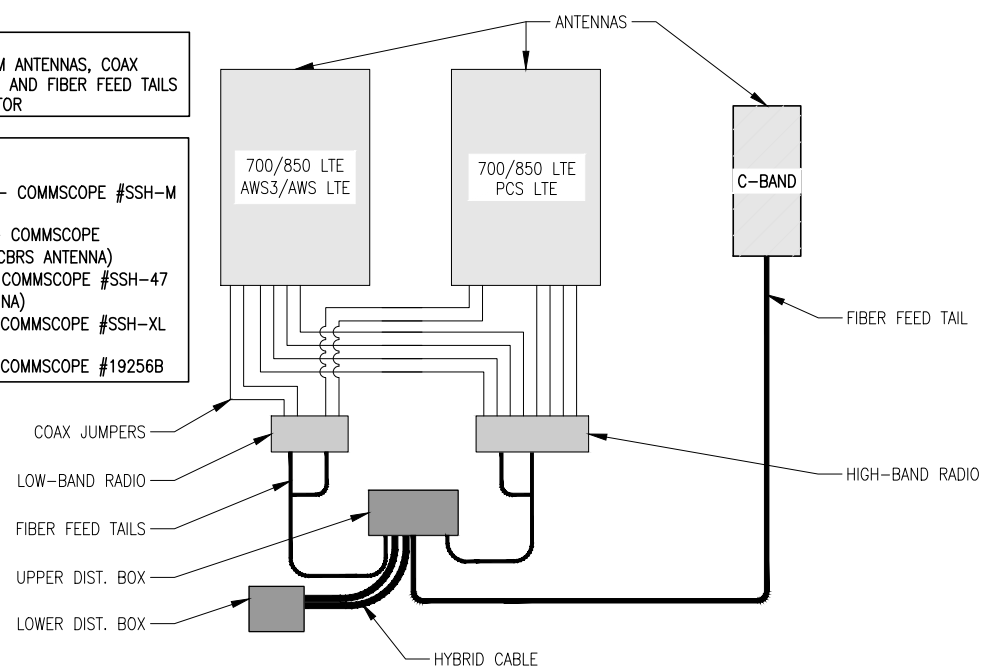


3 EQUIPMENT PAD PLAN
 SCALE: 1/4" = 1'-0"



NOTE:
 ONE-LINE DIAGRAM ANTENNAS, COAX JUMPERS, RADIOS, AND FIBER FEED TAILS TYPICAL PER SECTOR

NOTE:
 CABLE HANGERS:
 FIBER FEED TAIL - COMMSCOPE #SSH-M (3SBJ1)
 POWER JUMPER - COMMSCOPE #SSH-710 (FOR CBRS ANTENNA)
 FIBER JUMPER - COMMSCOPE #SSH-47 (FOR CBRS ANTENNA)
 HYBRID CABLE - COMMSCOPE #SSH-XL
 HOIST GRIPS:
 HYBRID CABLE - COMMSCOPE #19256B



4 ONE-LINE DIAGRAM
 SCALE: NTS



1334 81ST AVE NE
 SPRING LAKE PARK, MN 55432
 (612) 844-1234



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HE #: 231074 09/26/2024



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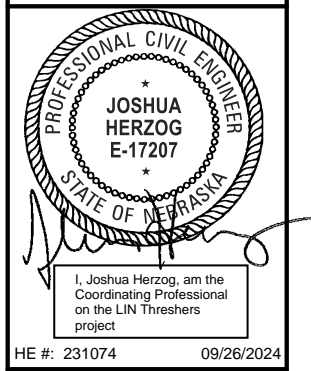
PROJECT
 VZ-00199771.C
 LOC. CODE # 404731

LIN
 THRESHERS
 9821 N 148TH STREET
 WAVERLY, NE 68462

SHEET CONTENTS:
 CABLE LAYOUT PLAN
 EQUIPMENT PAD PLAN
 CABLE ENTRY DETAIL
 ONE-LINE DIAGRAM

DRAWN BY:	ATJ
CHECKED BY:	TAB
REV. A	03-13-23
REV. B	03-17-23
REV. C	07-18-24
REV. 0	07-30-24
REV. 1	09-26-24

A-2



DESIGN 1

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PROJECT
VZ-00199771.C
LOC. CODE # 404731

LIN
THRESHERS

9821 N 148TH STREET
WAVERLY, NE 68462

SHEET CONTENTS:
EXISTING KEYS

DRAWN BY:	ATJ
CHECKED BY:	TAB
REV. A	03-13-23
REV. B	03-17-23
REV. C	07-18-24
REV. 0	07-30-24
REV. 1	09-26-24

ANTENNA KEY													EQUIPMENT KEY							
AZIMUTH	POSITION	FUNCTION	QTY	MANUFACTURER	MODEL	MOD TYPE	ANTENNA LENGTH	ANTENNA TIP	ANTENNA CENTER	ELEC DOWNTILT	MECH DOWNTILT	STATUS	QTY	MANUFACTURER	MODEL	FIBER FEED TAIL	RRU PORT	STATUS		
"X" SECTOR	80°	1-1.1	TX/RX1	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0°	REMAIN	-	ERICSSON	4449	CONNECTED TO REMAINING PORTS OF 4449 RADIO	1	-	
	-	1-1.2	TX/RX2	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	2	-	
	-	1-1.3	TX/RX1	-	-	3RD PORT	ASW3/AWS LTE	-	-	-	3'	-	-	1	ERICSSON	8843	-	1	REMAIN	
	-	1-1.4	TX/RX2	-	-	4TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	2	-	
	-	1-1.5	TX/RX3	-	-	5TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	3	-	
	-	1-1.6	TX/RX4	-	-	6TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	80°	1-2.1	TX/RX3	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0°	REMAIN	1	ERICSSON	4449	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	3	REMAIN	
	-	1-2.2	TX/RX4	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	-	1-2.3	TX/RX1	-	-	3RD PORT	PCS LTE	-	-	-	3'	-	-	-	ERICSSON	8843	-	5	-	
	-	1-2.4	TX/RX2	-	-	4TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	CONNECTED TO REMAINING PORTS OF RRU 8843 RADIO	6	-	
	-	1-2.5	TX/RX3	-	-	5TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	7	-	
	-	1-2.6	TX/RX4	-	-	6TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	8	-	
-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
"Y" SECTOR	200°	1-1.1	TX/RX1	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0°	REMAIN	-	ERICSSON	4449	CONNECTED TO REMAINING PORTS OF 4449 RADIO	1	-	
	-	1-1.2	TX/RX2	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	2	-	
	-	1-1.3	TX/RX1	-	-	3RD PORT	ASW3/AWS LTE	-	-	-	3'	-	-	1	ERICSSON	8843	-	1	REMAIN	
	-	1-1.4	TX/RX2	-	-	4TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	2	-	
	-	1-1.5	TX/RX3	-	-	5TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	3	-	
	-	1-1.6	TX/RX4	-	-	6TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	200°	1-2.1	TX/RX3	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0°	REMAIN	1	ERICSSON	4449	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	3	REMAIN	
	-	1-2.2	TX/RX4	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	-	1-2.3	TX/RX1	-	-	3RD PORT	PCS LTE	-	-	-	3'	-	-	-	ERICSSON	8843	-	5	-	
	-	1-2.4	TX/RX2	-	-	4TH PORT	PCS LTE	-	-	-	-	-	-	-	-	CONNECTED TO REMAINING PORTS OF RRU 8843 RADIO	6	-		
	-	1-2.5	TX/RX3	-	-	5TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	7	-	
	-	1-2.6	TX/RX4	-	-	6TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	8	-	
-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
"Z" SECTOR	320°	1-1.1	TX/RX1	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0°	REMAIN	-	ERICSSON	4449	CONNECTED TO REMAINING PORTS OF 4449 RADIO	1	-	
	-	1-1.2	TX/RX2	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	2	-	
	-	1-1.3	TX/RX1	-	-	3RD PORT	ASW3/AWS LTE	-	-	-	3'	-	-	1	ERICSSON	8843	-	1	REMAIN	
	-	1-1.4	TX/RX2	-	-	4TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	2	-	
	-	1-1.5	TX/RX3	-	-	5TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	3	-	
	-	1-1.6	TX/RX4	-	-	6TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	320°	1-2.1	TX/RX3	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0°	REMAIN	1	ERICSSON	4449	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	3	REMAIN	
	-	1-2.2	TX/RX4	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	-	1-2.3	TX/RX1	-	-	3RD PORT	PCS LTE	-	-	-	3'	-	-	-	ERICSSON	8843	-	5	-	
	-	1-2.4	TX/RX2	-	-	4TH PORT	PCS LTE	-	-	-	-	-	-	-	-	CONNECTED TO REMAINING PORTS OF RRU 8843 RADIO	6	-		
	-	1-2.5	TX/RX3	-	-	5TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	7	-	
	-	1-2.6	TX/RX4	-	-	6TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	8	-	
-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	36	JUMPER	ANDREW	LDF4-50A	FOAM	1/2"	10'	REMAIN

- EXISTING ADDITIONAL TO REMAIN:
- (1) COMMSCOPE HYBRID CABLE MODEL# HFT1206-24SV2-XXX (WHITE)
 - (1) RAYCAP DISTRIBUTION BOX MODEL# RCMDC-4520-RM-48 (IN CABINET)
 - (1) RAYCAP DISTRIBUTION BOX MODEL# RxxDC-6627-PF-48 (ON TOWER)
 - (1) POWERSHIFT EQUIPMENT, DC-DC UP-CONVERTER UNIT (IN CABINET)
 - (3) POWERSHIFT EQUIPMENT, UP-CONVERTER MODULES (IN CABINET)
 - (1) RAYCAP RTF-4575 FIBER MANAGEMENT TRAY (IN CABINET)

NOTE:

1. EXISTING HYBRID CABLE LENGTH ±200', PER "LIN THRESHERS NEW BUILD DRAWINGS, REV.3" BY TOWER ENGINEERING PROFESSIONALS DATED 12-03-19
2. EXISTING FIBER FEED TAIL LENGTHS NOT PROVIDED, PER "LIN THRESHERS NEW BUILD DRAWINGS, REV.3" BY TOWER ENGINEERING PROFESSIONALS DATED 12-03-19

1 EXISTING KEYS



i. Joshua Herzog, am the
Coordinating Professional
on the LIN Threshers
project

HE #: 231074 09/26/2024



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PROJECT
VZ-00199771.C
LOC. CODE # 404731

LIN
THRESHERS

9821 N 148TH STREET
WAVERLY, NE 68462

SHEET CONTENTS:
PROPOSED KEYS

DRAWN BY:	ATJ
CHECKED BY:	TAB
REV. A	03-13-23
REV. B	03-17-23
REV. C	07-18-24
REV. 0	07-30-24
REV. 1	09-26-24

	ANTENNA KEY											EQUIPMENT KEY								
	AZIMUTH	POSITION	FUNCTION	QTY	MANUFACTURER	MODEL	MOD TYPE	ANTENNA LENGTH	ANTENNA TIP	ANTENNA CENTER	ELEC DOWNTILT	MECH DOWNTILT	STATUS	QTY	MANUFACTURER	MODEL	FIBER FEED TAIL	RRU PORT	STATUS	
"X" SECTOR	80°	1-1.1	TX/RX1	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0'	EXISTING	1	ERICSSON	4449	CONNECTED TO REMAINING PORTS OF 4449 RADIO	1	-	
	-	1-1.2	TX/RX2	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	2	-	
	-	1-1.3	TX/RX1	-	-	3RD PORT	ASW3/AWS LTE	-	-	-	3°	-	-	1	ERICSSON	8843	-	1	EXISTING	
	-	1-1.4	TX/RX2	-	-	4TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	2	-	
	-	1-1.5	TX/RX3	-	-	5TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	3	-	
	-	1-1.6	TX/RX4	-	-	6TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	80°	1-2.1	TX/RX3	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0'	EXISTING	1	ERICSSON	4449	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	3	EXISTING	
	-	1-2.2	TX/RX4	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	-	1-2.3	TX/RX1	-	-	3RD PORT	PCS LTE	-	-	-	3°	-	-	-	ERICSSON	8843	-	5	-	
	-	1-2.4	TX/RX2	-	-	4TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	CONNECTED TO REMAINING PORTS OF RRU 8843 RADIO	6	-	
	-	1-2.5	TX/RX3	-	-	5TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	7	-	
	-	1-2.6	TX/RX4	-	-	6TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	8	-	
	80°	2.0	-	1	ERICSSON	AIR 6419	C-BAND	31"	149.3'	148.0'	2°	0'	PROPOSED	1	COMMSCOPE	FIBER FEED TAIL #HFT410-3SBJ1-G-20	-	-	PROPOSED	
	"Y" SECTOR	200°	1-1.1	TX/RX1	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0'	EXISTING	1	ERICSSON	4449	CONNECTED TO REMAINING PORTS OF 4449 RADIO	1	-
-		1-1.2	TX/RX2	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	2	-	
-		1-1.3	TX/RX1	-	-	3RD PORT	ASW3/AWS LTE	-	-	-	3°	-	-	1	ERICSSON	8843	-	1	EXISTING	
-		1-1.4	TX/RX2	-	-	4TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	2	-	
-		1-1.5	TX/RX3	-	-	5TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	3	-	
-		1-1.6	TX/RX4	-	-	6TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	4	-	
200°		1-2.1	TX/RX3	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0'	EXISTING	1	ERICSSON	4449	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	3	EXISTING	
-		1-2.2	TX/RX4	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	4	-	
-		1-2.3	TX/RX1	-	-	3RD PORT	PCS LTE	-	-	-	3°	-	-	-	ERICSSON	8843	-	5	-	
-		1-2.4	TX/RX2	-	-	4TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	CONNECTED TO REMAINING PORTS OF RRU 8843 RADIO	6	-	
-		1-2.5	TX/RX3	-	-	5TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	7	-	
-		1-2.6	TX/RX4	-	-	6TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	8	-	
80°		2.0	-	1	ERICSSON	AIR 6419	C-BAND	31"	149.3'	148.0'	2°	0'	PROPOSED	1	COMMSCOPE	FIBER FEED TAIL #HFT410-3SBJ1-G-20	-	-	PROPOSED	
"Z" SECTOR		320°	1-1.1	TX/RX1	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0'	EXISTING	1	ERICSSON	4449	CONNECTED TO REMAINING PORTS OF 4449 RADIO	1	-
	-	1-1.2	TX/RX2	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	2	-	
	-	1-1.3	TX/RX1	-	-	3RD PORT	ASW3/AWS LTE	-	-	-	3°	-	-	1	ERICSSON	8843	-	1	EXISTING	
	-	1-1.4	TX/RX2	-	-	4TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	2	-	
	-	1-1.5	TX/RX3	-	-	5TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	3	-	
	-	1-1.6	TX/RX4	-	-	6TH PORT	ASW3/AWS LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	320°	1-2.1	TX/RX3	1	COMMSCOPE	NHH-65C-R2B	700/850 LTE	96"	152.0'	148.0'	4°	0'	EXISTING	1	ERICSSON	4449	COMMSCOPE FIBER FEED TAIL #HFT412-XXXX-XX	3	EXISTING	
	-	1-2.2	TX/RX4	-	-	2ND PORT	700/850 LTE	-	-	-	-	-	-	-	-	-	-	4	-	
	-	1-2.3	TX/RX1	-	-	3RD PORT	PCS LTE	-	-	-	3°	-	-	-	ERICSSON	8843	-	5	-	
	-	1-2.4	TX/RX2	-	-	4TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	CONNECTED TO REMAINING PORTS OF RRU 8843 RADIO	6	-	
	-	1-2.5	TX/RX3	-	-	5TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	7	-	
	-	1-2.6	TX/RX4	-	-	6TH PORT	PCS LTE	-	-	-	-	-	-	-	-	-	-	8	-	
	80°	2.0	-	1	ERICSSON	AIR 6419	C-BAND	31"	149.3'	148.0'	2°	0'	PROPOSED	1	COMMSCOPE	FIBER FEED TAIL #HFT410-3SBJ1-G-20	-	-	PROPOSED	
														36	JUMPER	ANDREW	LDF4-50A	FOAM	1/2"	10'

PROPOSED ADDITIONAL:
(2) POWERSHIFT EQUIPMENT, UP-CONVERTER MODULES (IN CABINET)
(1) COMMSCOPE HYBRID CABLE MODEL# HFT1206-24SVW-210 (WHITE)

EXISTING ADDITIONAL TO REMAIN:
(1) COMMSCOPE HYBRID CABLE MODEL# HFT1206-24SV2-XXX (WHITE)
(1) RAYCAP DISTRIBUTION BOX MODEL# RCMDC-4520-RM-48 (IN CABINET)
(1) RAYCAP DISTRIBUTION BOX MODEL# RxxDC-6627-PF-48 (ON TOWER)
(1) POWERSHIFT EQUIPMENT, DC-DC UP-CONVERTER UNIT (IN CABINET)
(3) POWERSHIFT EQUIPMENT, UP-CONVERTER MODULES (IN CABINET)
(1) RAYCAP RTF-4575 FIBER MANAGEMENT TRAY (IN CABINET)

HYBRID CABLE LENGTH	
CABINET TO TOWER CENTER	= 40'
RAD CENTER	= 148'
EXTRA	= 20'
TOTAL	= 208'

NOTE:
1. EXISTING HYBRID CABLE LENGTH ±200', PER "LIN THRESHERS NEW BUILD DRAWINGS, REV.3" BY TOWER ENGINEERING PROFESSIONALS DATED 12-03-19
2. EXISTING FIBER FEED TAIL LENGTHS NOT PROVIDED, PER "LIN THRESHERS NEW BUILD DRAWINGS, REV.3" BY TOWER ENGINEERING PROFESSIONALS DATED 12-03-19



1 OVERALL TOWER PHOTO



2 CABINET PHOTO



3 TOWER CABLE PHOTO



4 ANTENNA MOUNT PHOTO



5 EQUIPMENT PAD PHOTO



I, Joshua Herzog, am the Coordinating Professional on the LIN Threshers project
HE #: 231074 09/26/2024

9973 VALLEY VIEW RD.
EDEN PRAIRIE, MN 55344
(952) 903-9299
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10801 BUSH LAKE ROAD
BLOOMINGTON, MN 55438
(952) 946-4700

PROJECT
VZ-00199771.C
LOC. CODE # 404731

LIN THRESHERS

9821 N 148TH STREET
WAVERLY, NE 68462

SHEET CONTENTS:
PHOTOS

DRAWN BY:	ATJ
CHECKED BY:	TAB
REV. A	03-13-23
REV. B	03-17-23
REV. C	07-18-24
REV. 0	07-30-24
REV. 1	09-26-24



MOUNT MODIFICATION DRAWINGS EXISTING 10.66' WATER TANK CORRAL

TOWER OWNER: CITY OF WAVERLY
TOWER OWNER SITE NUMBER: UNKNOWN

CARRIER SITE NAME: LIN THRESHERS
CARRIER SITE NUMBER: 5000067505
FUZE ID: 16955556

9821 N 148TH STREET
WAVERLY, NE 68462
LANCASTER COUNTY

LATITUDE: 40.907622° N
LONGITUDE: 96.521239° W



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SCALE: AS SHOWN JOB NUMBER: 24778481

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
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LIN THRESHERS
5000067505
9821 N 148TH STREET
WAVERLY, NE 68462
LANCASTER COUNTY

NASHVILLE
5141 Virginia Way,
Suite 420
Brentwood, TN 37027
Phone: 615.686.2575
COLLIERS ENGINEERING & DESIGN, INC.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
ST-1

DESIGN CRITERIA

WIND LOADS
BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY: I
TOPOGRAPHIC CONSIDERED: N/A
TOPOGRAPHIC METHOD: N/A
MEAN BASE ELEVATION (AMSL) = 1151.12'

ICE LOADS
ICE WIND SPEED (3 SECOND GUST), V = 40 MPH
ICE THICKNESS = 1.50 IN

SEISMIC LOADS
SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_s = .077
LONG TERM MCER GROUND MOTION, S_l = .045

PROJECT INFORMATION

APPLICANT/LESSEE
COMPANY: VERIZON WIRELESS
CLIENT REPRESENTATIVE
COMPANY: VERIZON WIRELESS
PROJECT MANAGER
COMPANY: COLLIERS ENGINEERING & DESIGN
CONTACT: ASHLEY SUSTEK
PHONE: 443.393.6021
E-MAIL: ASHLEY.SUSTEK@COLLIERSENG.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10249054
VZW MDG #: 5000067505
ANALYSIS DATE: 8/27/2024

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

SHEET	DESCRIPTION
ST-1	TITLE SHEET
SBOM-1	BILL OF MATERIALS
SGN-1	GENERAL NOTES
SCF-1	CLIMBING FACILITY DETAIL
SS-1	MODIFICATION DETAILS
SS-2	MOUNT PHOTOS
	SPECIFICATION SHEETS

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GENERAL NOTES

- THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
- ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
- CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
- CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
- DO NOT SCALE DRAWINGS.
- DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
- ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
- THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

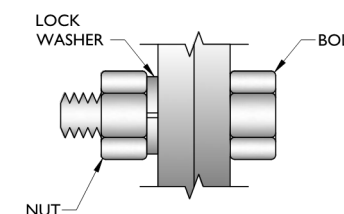
STRUCTURAL STEEL

- DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
 - SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
 - AISC CODE OF STANDARD PRACTICE
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE
- ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
- PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
 - SUBMIT SHOP DRAWINGS TO
ASHLEY.SUSTEK@COLLIERSENG.COM
 - PROVIDE COLLIERS ENGINEERING & DESIGN PROJECT # AND COLLIERS ENGINEERING & DESIGN PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
- DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
- WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY ZINC COTE, OR EOR APPROVED EQUAL, AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
- ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

BOLT SCHEDULE (IN.)				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 1 1/16	7/8	1 1/2
5/8	1 1/16	1 1/16 x 7/8	1 1/8	1 7/8
3/4	1 3/16	1 3/16 x 1	1 1/4	2 1/4
7/8	1 5/16	1 5/16 x 1 1/8	1 1/2	2 5/8
1	1 7/16	1 7/16 x 1 5/16	1 3/4	3

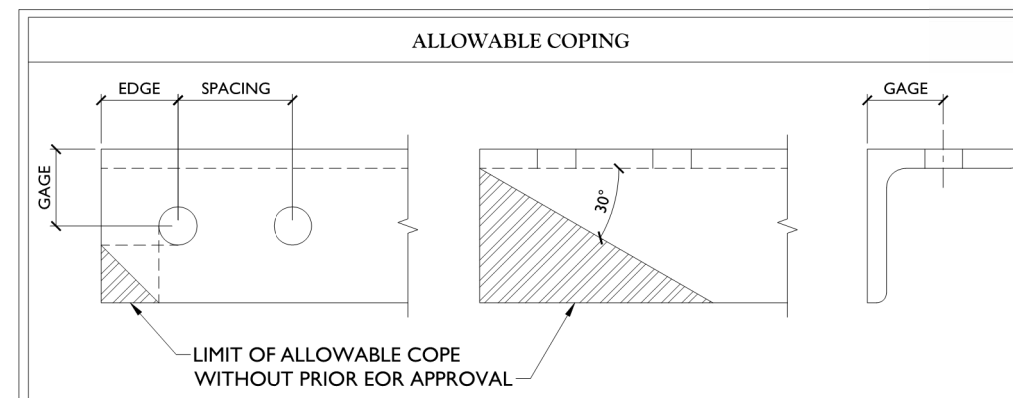
WORKABLE GAGES (IN.)	
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

NOTES:

- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- MATCH EXISTING GAGES WHEN APPLICABLE. UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.



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REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY

PROFESSIONAL CIVIL ENGINEER
Ismaias L. Recinos
E-17563
STATE OF NEBRASKA
COLLIERS ENGINEERING & DESIGN, INC.
08/27/2024

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LANCASTER COUNTY

Colliers Engineering & Design
NASHVILLE
5141 Virginia Way,
Suite 420
Brentwood, TN 37027
Phone: 615.686.2575
COLLIERS ENGINEERING & DESIGN, INC.
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SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
SGN-I

M:\Projects\2024\LinThreshers Mount MOD.dwg\SGN-I



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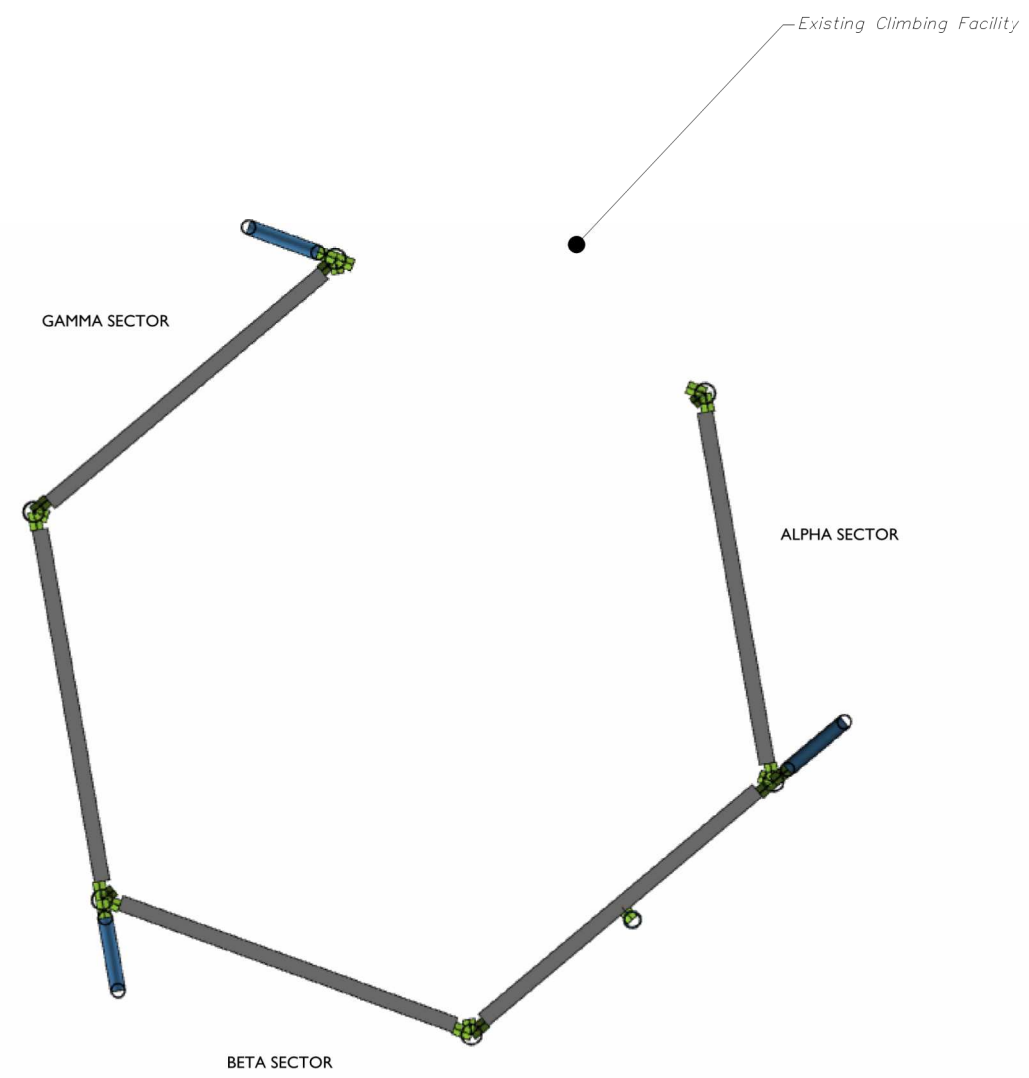
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 Brentwood, TN 37027
 Phone: 615.686.2575
COLLIERS ENGINEERING & DESIGN, INC.
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SHEET TITLE:
CLIMBING FACILITY DETAIL

SHEET NUMBER:
SCF-1



CLIMBING FACILITY PHOTO

1 CLIMBING FACILITY LOCATION
 SCALE : N.T.S.

STRUCTURAL NOTES:

- PER THE MOUNT MAPPING COMPLETED BY SINNOTT, GERING & SCHMITT ON 6/12/2024, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (140.5) ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.
- INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

LEGEND:

- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	140.5	3	1' PANEL STAND-OFF MOUNT	CONNECT NEW STANDOFF MOUNT TO EXISTING MASTS WITH NEW PIPE TO PIPE CLAMPS (SITE PRO 1 PART #: SCP10K, OR EOR APPROVED EQUIVALENT). REFER TO NOTE B BELOW.
2		1	PROPOSED 126" LONG, PIPE 2 1/2 SCH80 MOUNT PIPE	CONNECT NEW MOUNT PIPE TO BOTH THE TOP AND MIDDLE SUPPORT RAIL ANGLES WITH NEW 5/8" DIA. U-BOLTS. PREPARE NEW BOLT HOLES IN ACCORDANCE WITH THE GENERAL NOTES ON SHEET SGN-1.

GENERAL NOTES:

- A. CONTRACTOR SHALL VERIFY THAT NEW & EXISTING STEEL IS FREE OF CORROSION. VISIBLE MINOR CORROSION SHALL BE WIRE BRUSHED CLEAN AND TREATED WITH COLD GALVANIZATION. REPORT ANY SIGNIFICANT CORROSION TO EOR
- B. THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINC KOTE, OR EOR APPROVED EQUAL).
- C. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.

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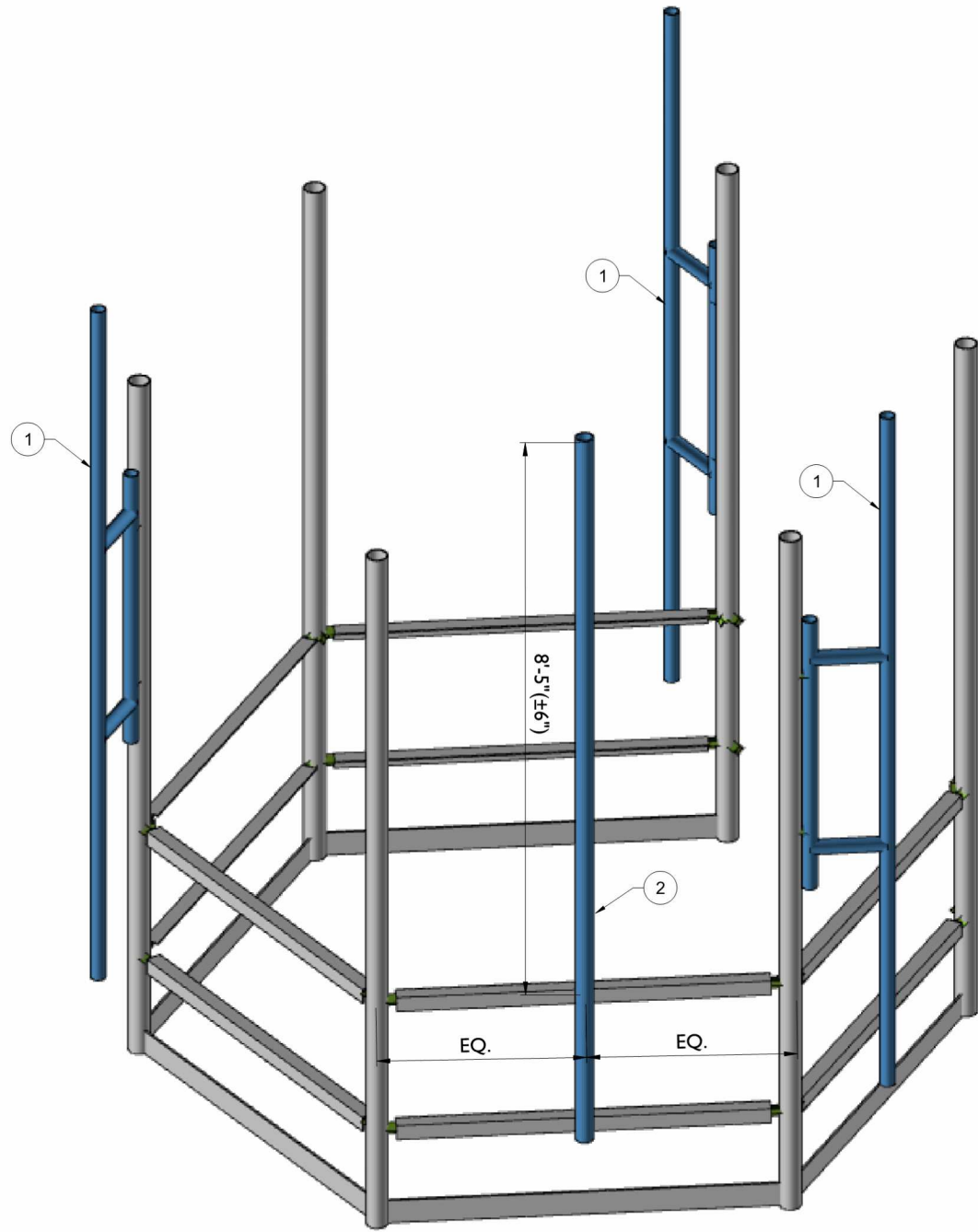
SITE NAME:

LIN THRESHERS
5000067505
9821 N 148TH STREET
WAVERLY, NE 68462
LANCASTER COUNTY

Colliers Engineering & Design
NASHVILLE
5141 Virginia Way,
Suite 420
Brentwood, TN 37027
Phone: 615.686.2575
COLLIERS ENGINEERING & DESIGN, INC.
DOING BUSINESS AS MASER CONSULTING

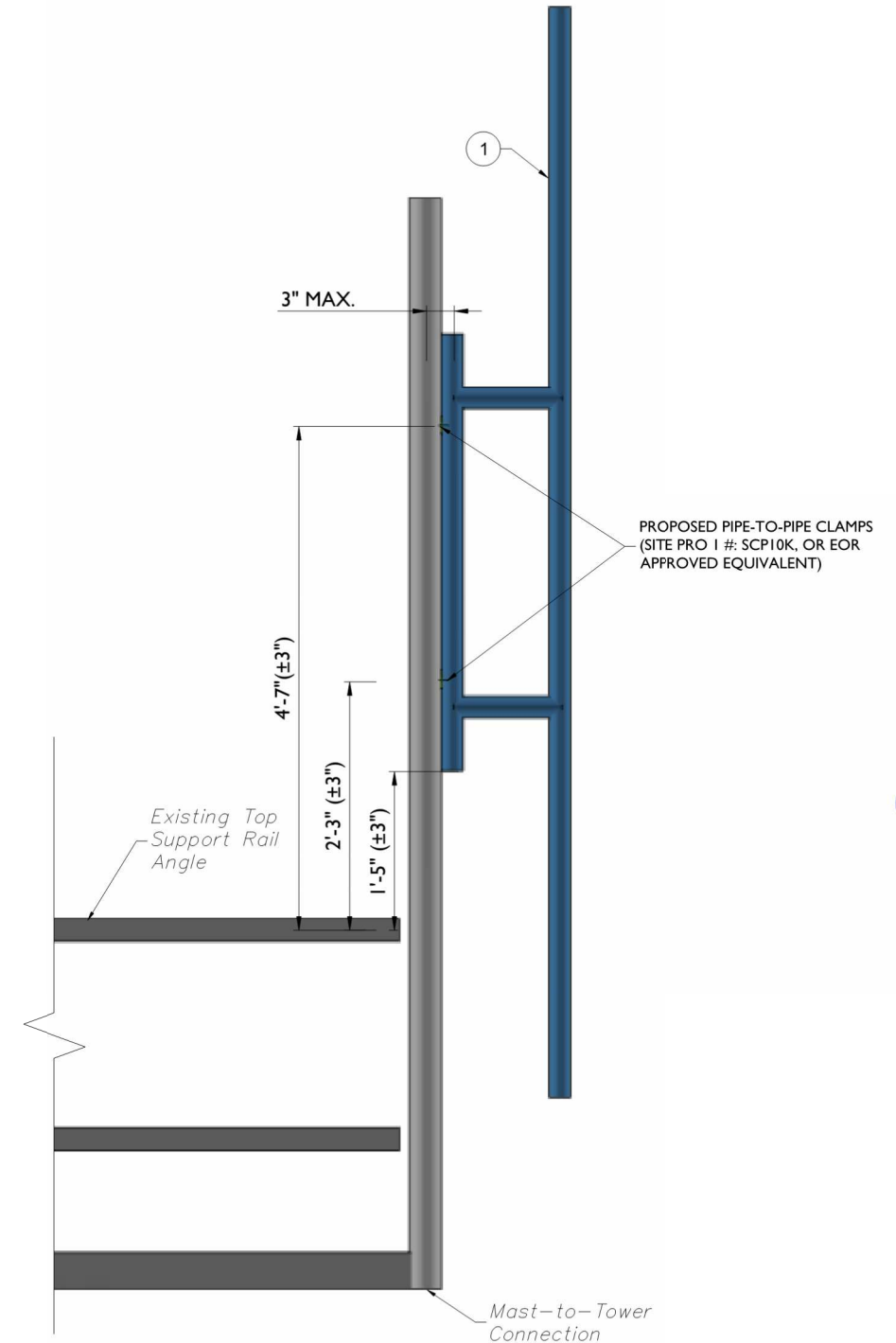
SHEET TITLE:
MODIFICATION DETAILS

SHEET NUMBER:
SS-1



PROPOSED ISOMETRIC VIEW

SCALE : N.T.S.

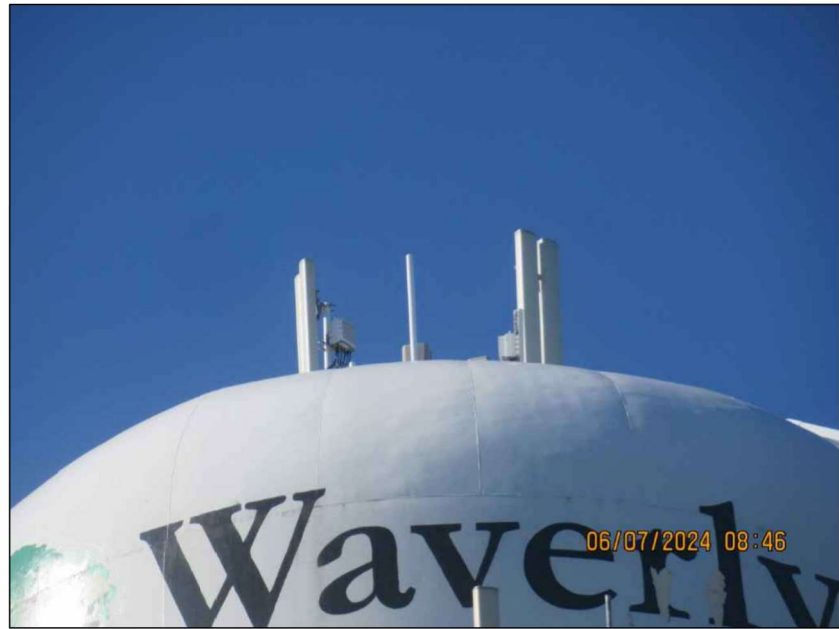


PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)

SCALE : N.T.S.

1

2



MOUNT PHOTO 1



MOUNT PHOTO 2



MOUNT PHOTO 3



MOUNT PHOTO 4



811 PROTECT YOURSELF
 ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE
 Know what's below. Call before you dig.
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE: AS SHOWN JOB NUMBER: 24778481

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	08/27/2024	ISSUED FOR CONSTRUCTION	CMS	ILR



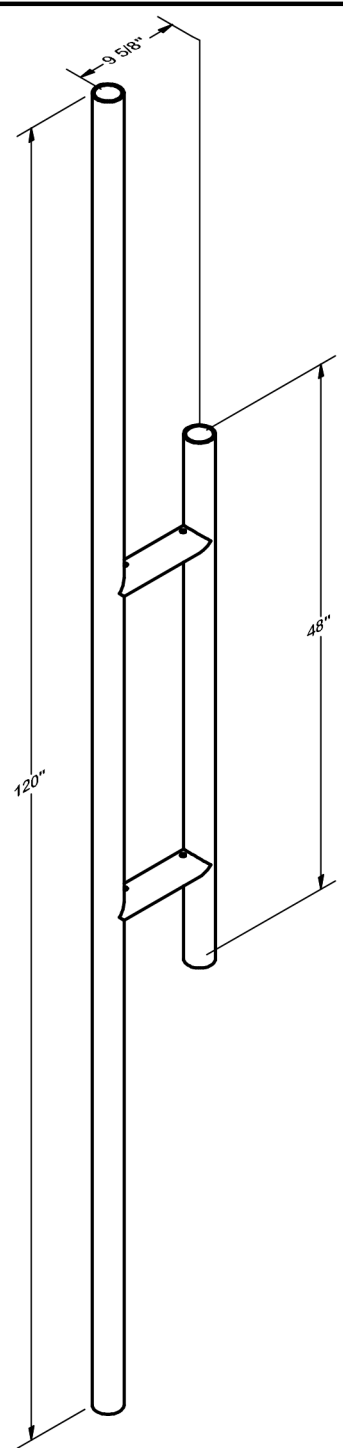
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:
 LIN THRESHERS
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SHEET TITLE:
 MOUNT PHOTOS

SHEET NUMBER:
 SS-2



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-PM1	PM1 STANDOFF MOUNT WELDMENT		59.45	59.45

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
 DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
 BENDS AND ANGLES ARE $\pm 1/2$ DEGREE
 ALL OTHER MACHINING ($\pm 0.030"$)
 ALL OTHER ASSEMBLY ($\pm 0.060"$)

PROPRIETARY NOTE:
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

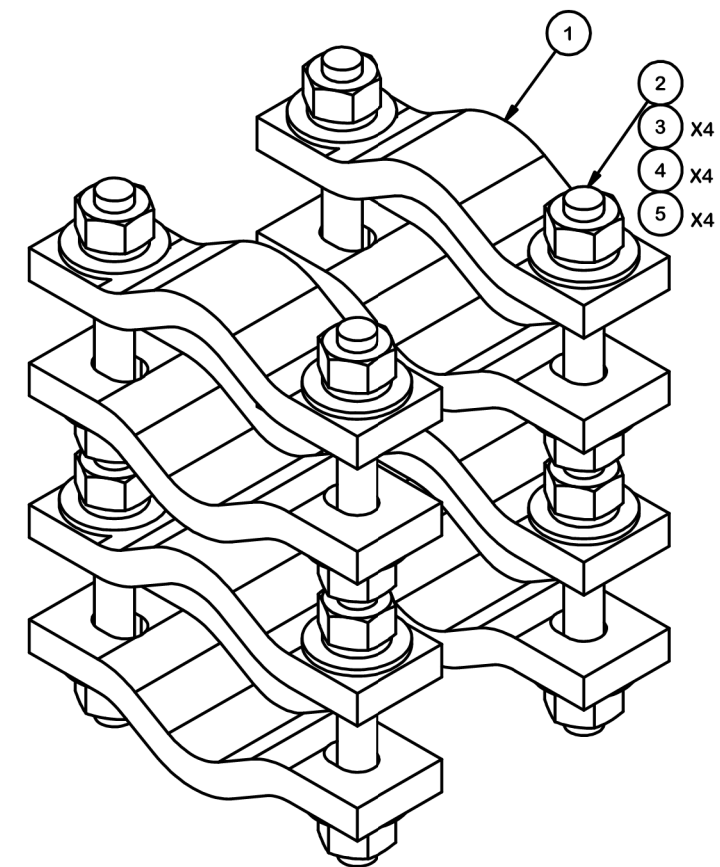
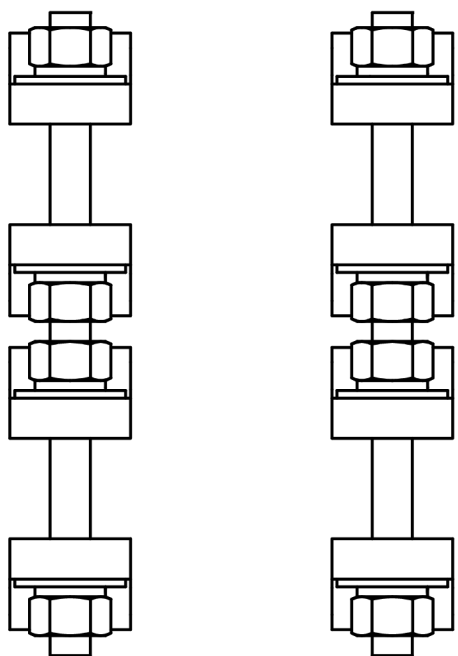
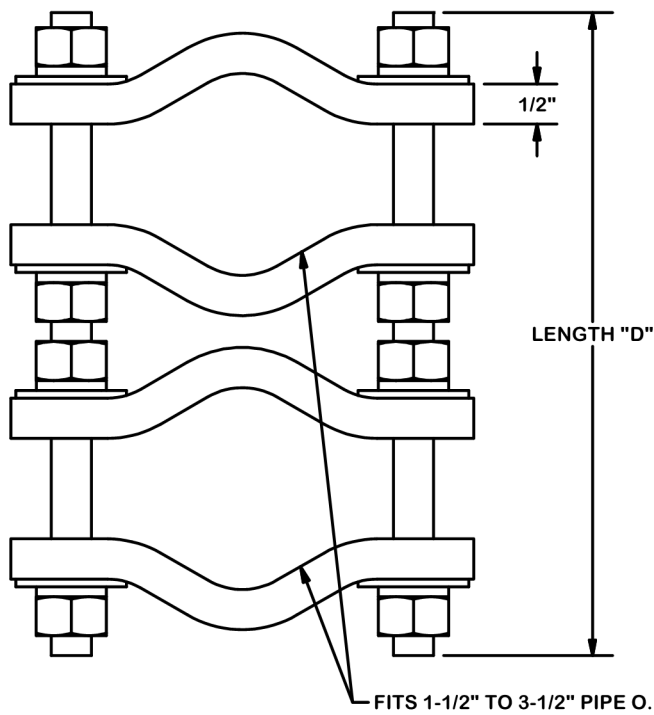
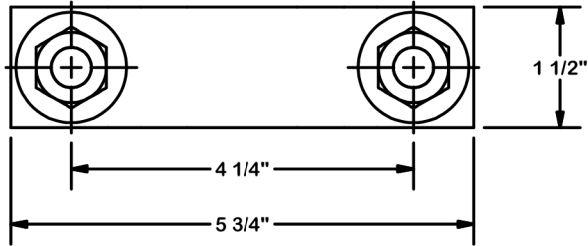
DESCRIPTION
 1' PANEL
 STAND-OFF MOUNT

SITE PRO 1
 A valmont COMPANY
 Engineering Support Team:
 1-888-753-7446
 Locations:
 New York, NY
 Atlanta, GA
 Los Angeles, CA
 Plymouth, IN
 Salem, OR
 Dallas, TX
 Tampa, FL

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	120" LONG PIPE WAS 70" LONG		KC8	4-28-21

CPD NO.	DRAWN BY	ENG. APPROVAL
	CEK 8/9/2019	
CLASS	SUB	DRAWING USAGE
81	02	CUSTOMER
	CHECKED BY	
	BMC 8/21/2019	

PART NO.	PM1
DWG. NO.	PM1



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	8	SCP	CLAMP HALF, 1/2" THICK, 5-7/8"		1.29	10.34
2	B	C	1/2" THREADED ROD	D	E	F
3	16	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.15
4	16	G12LW	1/2" HDG LOCKWASHER		0.01	0.22
5	16	G12FW	1/2" HDG USS FLATWASHER		0.03	0.55

VARIABLE PARTS TABLE						
ASSEMBLY "A"	QTY "B"	PART "C"	LENGTH "D"	UNIT WT. "E"	NET WT. "F"	TOTAL WEIGHT
SCP08K	4	G12R-8	8"	.45	1.78	13.23
SCP10K	4	G12R-10	10"	.56	2.23	13.68

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWED, SHEARED AND GAS CUT EDGES (± 0.030 ")
 DRILLED AND GAS CUT HOLES (± 0.030 ") - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES (± 0.010 ") - NO CONING OF HOLES
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DESCRIPTION
PIPE TO PIPE CLAMP SET
 1-1/2" TO 3-1/2" PIPE
 1/2" THICK CLAMP

SITE PRO 1
 Engineering Support Team:
 1-888-753-7446
 Locations:
 New York, NY
 Atlanta, GA
 Los Angeles, CA
 Plymouth, IN
 Salem, OR
 Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL
	KC8 8/21/2012	
CLASS	SUB	DRAWING USAGE
81	01	CUSTOMER
	CHECKED BY	
	CEK 2/18/2013	

PART NO.	1 OF 1 PAGE
SEE ASSEMBLY "A"	
DWG. NO.	
SCPxxK	

**RESOLUTION SETTING THE PROPERTY TAX REQUEST
RESOLUTION NO. 24-18**

WHEREAS, Nebraska Revised Statute 77-1632 and 77-1633 provides that the Governing Body of the City of Waverly, Nebraska passes by a majority vote a resolution or ordinance setting the tax request; and

WHEREAS, a special public hearing was held as required by law to hear and consider comments concerning the property tax request;

NOW, THEREFORE, the Governing Body of the City of Waverly resolves that:

1. The ~~2023-2024~~ ²⁰²⁴⁻²⁰²⁵ property tax request be set at:
General Fund: \$ 1,017,026.14
Bond Fund: \$ 782,000.00
2. The total assessed value of property differs from last year's total assessed value by 6.62 percent.
3. The tax rate which would levy the same amount of property taxes as last year, when multiplied by the new total assessed value of property would be 0.320068 per \$100 assessed value.
4. The City of Waverly proposes to adopt a property tax request that will cause its tax rate to be 0.334836 per \$100 of assessed value.
5. Based on the proposed property tax request and changes in other revenue, the total operating budget of the City of Waverly will decrease last year's budget by 39.37 percent.
6. A copy of this resolution be certified and forwarded to the County Clerk on or before October 15, 2024.

Motion by Abbey Pascoe, second by Aaron Hummel to adopt Resolution #24-18.

Voting yes were:

Voting no were:

Abbey Pascoe
Aaron Hummel
Dave Nielson

Dated this 24th day of September, 2024.

[Signature]
Megan K. Frye, City Clerk/Deputy Treasurer



[Signature]
William D. Gordes, Mayor

(SEAL)