

**ATTENTION: A 30-MINUTE COUNCIL DISCUSSION PERIOD WILL BE HELD IMMEDIATELY PRIOR TO THIS REGULAR MEETING. THE PUBLIC IS WELCOME TO ATTEND.**

**CITY OF OWOSSO  
REGULAR MEETING OF THE CITY COUNCIL  
MONDAY, AUGUST 21, 2023  
7:30 P.M.**

**Meeting to be held at City Hall  
301 West Main Street**

**AGENDA**

**OPENING PRAYER:**

**PLEDGE OF ALLEGIANCE:**

**ROLL CALL:**

**APPROVAL OF THE AGENDA:**

**APPROVAL OF THE MINUTES OF REGULAR MEETING OF AUGUST 7, 2023:**

**ADDRESSING THE CITY COUNCIL**

1. Your comments shall be made during times set aside for that purpose.
2. Stand or raise a hand to indicate that you wish to speak.
3. When recognized, give your name and address and direct your comments and/or questions to any City official in attendance.
4. Each person wishing to address the City Council and/or attending officials shall be afforded one opportunity of up to four (4) minutes duration during the first occasion for citizen comments and questions. Each person shall also be afforded one opportunity of up to three (3) minutes duration during the last occasion provided for citizen comments and questions and one opportunity of up to three (3) minutes duration during each public hearing. Comments made during public hearings shall be relevant to the subject for which the public hearings are held.
5. In addition to the opportunities described above, a citizen may respond to questions posed to him or her by the Mayor or members of the Council, provided members have been granted the floor to pose such questions.

**PROCLAMATIONS / SPECIAL PRESENTATIONS**

1. Proclamation - Lifesaving Award. A proclamation of the Mayor's Office recognizing the lifesaving actions of DPW Employee Gregory Braidwood.

**PUBLIC HEARINGS**

None.

**CITIZEN COMMENTS AND QUESTIONS**

**CONSENT AGENDA**

1. Change Order – Palmer 3A and Juniper 1 Well Houses Project. Approve Change Order No. 1 to the contract with Sorensen Gross Company for additional work on the Palmer 3A and Juniper 1 Well Houses Project increasing the contract amount by \$8,029.00 to correct an error in the plans and authorize payment to the contractor up to the amount of \$2,371,267.00 upon satisfactory completion of work or portion thereof.
2. Purchase Authorization – Two Fleet Pickup Trucks. Waive competitive bidding requirements, authorize a joint purchase from Lunghamer Ford of Owosso, LLC for the purchase of two 2024 Ford F250 Pickup Trucks in the amount of \$97,256.00 under the terms of State of Michigan Contract No.

071B7700180, and further authorize payment to the vendor upon satisfactory delivery of the vehicles, \$26,700.00 of which shall be reimbursed with USDA Rural Development grant funding.

3. Purchase Authorization – Tandem Truck Cab and Chassis. Waive competitive bidding requirements, authorize a joint purchase from D. & K. Truck Company for the purchase of one 2025 Freightliner 114SD Plus 10-yard tandem truck cab and chassis in the amount of \$122,190.00, plus a \$10,000.00 contingency for price increases in the next model year, for a total of \$132,190.00 under the terms of State of Michigan Contract No. 071B6600119, and further authorize payment to the vendor upon satisfactory delivery of the vehicle, \$50,000.00 of which shall be reimbursed with USDA Rural Development grant funding.
4. Purchase Authorization – Dump Body. Waive competitive bidding requirements, authorize a joint purchase from Truck and Trailer Specialties, Inc. for the purchase and installation of one Crysteel Select 13-foot dump body and accessories in the amount of \$109,933.00 under the terms of State of Michigan Contract No. 200000000034, and further authorize payment to the vendor upon satisfactory delivery of the equipment.
5. Emergency Purchase Authorization – John Deere Utility Tractor. Authorize emergency purchase of one 2022 John Deere 5065E Utility Tractor for use by the DPW from Hutson, Inc. of Williamston, Michigan in the amount of \$37,343.84, and further authorize payment to the vendor upon satisfactory delivery of the equipment.
6. Sole Source Purchase Authorization – WWTP Primary Sludge Pump Replacement. Waive competitive bidding requirements, approve the sole source purchase of a Penn Valley Pump double-disc pump Model No. 4DDSX30CNU-MK3 for replacement of the current primary sludge pump at the Wastewater Treatment Plant from HESCO Group, Inc. in the amount of \$29,000.00, and authorize payment to contractor upon satisfactory delivery of equipment.  
**Master Plan Implementation Goals: 3.4**
7. Bid Award – Commercial Water Service Parts. Approve bid award to Ferguson Waterworks for commercial water service parts in the amount of \$20,490.00 and further approve payment to the contractor according to unit prices upon satisfactory receipt of said parts.  
**Master Plan Implementation Goals: 3.4, 3.10**
8. Contract Authorization - Public Safety Vehicle Equipment Changeovers. Waive competitive bidding requirements, authorize contract with Mid Michigan Emergency Equipment Sales and Service L.L.C. for the removal, supply, and installation of public safety equipment in two new police utility vehicles in an amount not to exceed \$26,332.74, and further authorize payment to the vendor upon satisfactory completion of the work.  
**Master Plan Implementation Goals: 3.2**
9. Professional Services Agreement – 2024 DWSRF Water Main Replacement Project – Engineering Services. Approve a professional services agreement with ENG, Inc. for the 2024 DWSRF Water Main Replacement Project – Engineering Services Contract in the amount of \$108,060.00 for construction engineering services and \$7,765.00 for limited design engineering services, with construction services contingent upon receipt of a FY2024 DWSRF loan, and further approve payment up to the contract amount upon satisfactory completion of the work or portion thereof.  
**Master Plan Implementation Goals: 3.4, 3.7, 3.8, 6.6**
10. Professional Services Agreement – 2024 Sanitary Sewer Lining Project-Engineering Services. Approve a professional services agreement with OHM Advisors to provide design and construction engineering services in an amount not to exceed \$30,000.00 for the 2024 Sewer Lining Project and further approve payment to the engineer upon satisfactory completion of the project or portion thereof.

## **ITEMS OF BUSINESS**

1. MML Annual Meeting Delegate. Designate the City's official representative for the MML Annual Meeting.  
**Master Plan Implementation Goals: 3.5**
2. MERS Annual Business Meeting Delegates. Designate the City's Officer Delegate and confirm election of the City's Employee Delegate, and their alternates, for the 2023 MERS Annual Business meeting.
3. Countywide Early Voting Center. Consider entering into an agreement with Shiawassee County Clerk Caroline Wilson to allow the County to conduct and administer a consolidated nine (9) day Early Voting Center to include all registered voters in the City of Owosso.
4. Vacant Commercial Building Fire Inspection Program and Fees. Consider establishing a Vacant Commercial Building Fire Inspection Program and associated fees and amend Section 12 of the Fee Schedule to reflect said fees.

## **COMMUNICATIONS**

1. Ryan Suchanek, Utilities Director. Consumers Energy Demand Response Contract – WWTP & WTP.
2. Tanya S. Buckelew, Planning & Building Director. July 2023 Building Department Report.
3. Tanya S. Buckelew, Planning & Building Director. July 2023 Code Violations Report.
4. Tanya S. Buckelew, Planning & Building Director. July 2023 Inspections Report.
5. Tanya S. Buckelew, Planning & Building Director. July 2023 Certificates Issued Report.
6. Kevin D. Lenkart, Public Safety Director. July 2023 Police Report.
7. Kevin D. Lenkart, Public Safety Director. July 2023 Fire Report.
8. Downtown Development Authority/Main Street Board. Minutes of August 2, 2023.
9. Owosso Historical Commission. Minutes of August 15, 2023.

## **CITIZEN COMMENTS AND QUESTIONS**

## **NEXT MEETING**

Tuesday, September 05, 2023

## **BOARDS AND COMMISSIONS OPENINGS**

Building Board of Appeals – Alternate - term expires June 30, 2024  
Building Board of Appeals – Alternate - term expires June 30, 2025  
Downtown Development Authority – Resident – term expires June 30, 2025  
Zoning Board of Appeals – Alternate – term expires June 30, 2024  
Zoning Board of Appeals – Alternate – term expires June 30, 2025

## **ADJOURNMENT**

The City of Owosso will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio recordings of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon seventy-two (72) hours notice to the City of Owosso. Individuals with disabilities requiring auxiliary aids or services should contact the City of Owosso by writing, calling, or emailing the following: Owosso City Clerk's Office, 301 West Main Street, Owosso, MI 48867; Phone: (989) 725-0500; Email: [city.clerk@ci.owosso.mi.us](mailto:city.clerk@ci.owosso.mi.us). The City of Owosso Website address is [www.ci.owosso.mi.us](http://www.ci.owosso.mi.us).

***PLEASE TAKE NOTICE THAT THE FOLLOWING MEETING  
CAN ONLY BE VIEWED VIRTUALLY***

The Owosso City Council will conduct an in-person meeting on August 21, 2023. Citizens may view and listen to the meeting using the following link and phone numbers.

**OWOSSO CITY COUNCIL  
Monday, August 21, 2023  
at 7:30 p.m.**

***The public joining the meeting via Zoom CANNOT participate in public comment.***

- **Join Zoom Meeting:**  
<https://us02web.zoom.us/j/84146897883?pwd=MHIDSEZGd0FiWTNSNU8xemQycWNudz09>
- **Meeting ID: 841 4689 7883**
- **Password: 402090**
- **One tap mobile**

+13126266799,,84146897883#,,,,\*402090# US (Chicago)  
+16465588656,,84146897883#,,,,\*402090# US (New York)

**Dial by your location**

+1 312 626 6799 US (Chicago)  
+1 646 558 8656 US (New York)  
+1 301 715 8592 US (Washington DC)  
+1 346 248 7799 US (Houston)  
+1 669 900 9128 US (San Jose)  
+1 253 215 8782 US (Tacoma)

- **For video instructions visit:**
  - o Signing up and Downloading Zoom <https://youtu.be/qsy2Ph6kSf8>
  - o Joining a Zoom Meeting <https://youtu.be/hlkCmbvAHQQ>
  - o Joining and Configuring Audio and Video <https://youtu.be/-s76QHshQnY>
- **Helpful notes for participants:** [Helpful Hints](#)
- **Meeting packets are published on the City of Owosso website** <http://www.ci.owosso.mi.us>

Any person who wishes to contact members of the City Council to provide input or ask questions on any business coming before the Council on August 21, 2023 may do so by calling or e-mailing the City Clerk's Office prior to the meeting at (989)725-0500 or [city.clerk@ci.owosso.mi.us](mailto:city.clerk@ci.owosso.mi.us). Contact information for individual Council members can be found on the City website at: <http://www.ci.owosso.mi.us/Government/City-Council>

The City of Owosso will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio recordings of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon seventy-two (72) hours notice to the City of Owosso. Individuals with disabilities requiring auxiliary aids or services should contact the City of Owosso by writing, calling, or emailing the following: Owosso City Clerk's Office, 301 West Main Street, Owosso, MI 48867; Phone: (989) 725-0500; Email: [city.clerk@ci.owosso.mi.us](mailto:city.clerk@ci.owosso.mi.us). The City of Owosso Website address is [www.ci.owosso.mi.us](http://www.ci.owosso.mi.us).



**CITY OF OWOSSO  
REGULAR MEETING OF THE CITY COUNCIL  
MINUTES OF AUGUST 7, 2023  
7:30 P.M.  
VIRGINIA TEICH CITY COUNCIL CHAMBERS**

**PRESIDING OFFICER:** MAYOR ROBERT J. TEICH, JR.

**OPENING PRAYER:** REV. PAUL BRUNELL, CHRIST EPISCOPAL CHURCH

**PLEDGE OF ALLEGIANCE:** TOM MANKE

**PRESENT:** Mayor Robert J. Teich, Jr., Mayor Pro-Tem Susan J. Osika,  
Councilmembers Janae L. Fear, Jerome C. Haber, Daniel A. Law, Emily  
S. Olson, and Nicholas L. Pidek.

**ABSENT:** None.

**APPROVE AGENDA**

Motion by Mayor Pro-Tem Osika to approve the agenda as presented.

Motion supported by Councilmember Pidek and concurred in by unanimous vote.

**APPROVAL OF THE MINUTES OF REGULAR MEETING OF JULY 17, 2023**

Motion by Councilmember Olson to approve the Minutes of the Regular Meeting of July 17, 2023 as presented.

Motion supported by Mayor Pro-Tem Osika and concurred in by unanimous vote.

**PROCLAMATIONS / SPECIAL PRESENTATIONS**

None.

**PUBLIC HEARINGS**

Public Hearing – Fortune Telling Ordinance Repeal.

City Manager Nathan R. Henne noted this is a house-cleaning item. The State repealed the act so we could not enforce it if we wanted to.

A public hearing was conducted to receive citizen comment regarding the Fortune Telling Ordinance Repeal.

The following person(s) commented regarding the proposed fortune telling ordinance repeal:

Rebecca Runyan, N. Chipman Street, is in favor of this appeal and members of the city may feel more welcome. It is the responsibility of the individual and the vendor they are speaking with.

Don Fields, Cavalry Baptist Church, spoke of the council and they have been granted the authority to make decisions. Fortune telling is to predict the future which is fraud and stealing. Leave the ordinance in place.

Patrice Martin, N. Park Street, supports the repeal of the silly ordinance and has a right to believe in magic. It is an outdated law.

Rachel Osmer, 829 S. Washington Street, is in favor of repealing the ordinance.

Patricia VanLuven, 6143 Pittsburg Road, states this is ancient baggage, old laws.

Tom Manke, states if it brings in fakes, we have fake churches, it's real.

Geno Phillips, Calvary Baptist Church, is against the repeal of the ordinance.

Elija Bassinger, 1113 N Chipman, stated freedom for all religions.

Sheryl Runyan, Perry, has lived in Owosso for many years and is for repealing the ordinance.

Tom Johnson, 637 Adams, thanks for getting around to cleaning up the ordinance. It has both good and bad consequences.

Eddie Urban, 601 Glenwood, can't lie, don't do politics or religion.

Robert Hooper, 708 Fletcher, commented that 17 other states still have this law. Doesn't have to be repealed due to state law.

Rose Hooper, 708 Fletcher, commented on fortune telling and foolishness.

Whereas, the Council, after due and legal notice, has met and having heard all interested parties, motion by Councilmember Fear that the Fortune Telling Ordinance be repealed as follows:

#### **ORDINANCE NO. 841**

#### **APPROVING THE PROPOSAL TO REPEAL SEC. 19-4, FORTUNE TELLING, OF THE CODE OF ORDINANCES**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has a fortune telling ordinance that is no longer applicable as the State of Michigan long ago repealed the law banning said services; and

WHEREAS, the City desires to repeal the ordinance banning fortune telling within the City limits; and

WHEREAS, the City Council held a public hearing on August 8, 2023, heard all interested persons, and deliberated on the proposed ordinance repeal.

NOW THEREFORE BE IT RESOLVED THAT THE CITY OF OWOSSO ORDAINS THAT:

SECTION 1. AMENDMENT. That Chapter 19, Offenses, Article 1, Section 19-4, *Fortune telling*, of the Code of Ordinances of the City of Owosso be repealed in its entirety as follows:

~~**Sec. 19-4. Fortune telling.** It shall be unlawful for any person to pretend for money or gain, to predict future events by cards, tokens, trances, the inspection of the hands or the conformation of the skull of any person, mind reading so-called, or by consulting the movements of the heavenly bodies.~~

SECTION 2. SEVERABILITY. If any section, subsection, sentence, clause or phrase of this article is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this article. The city hereby declares that it would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one (1) or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

SECTION 3. AVAILABILITY. This ordinance may be purchased or inspected in the city clerk's office, Monday through Friday between the hours of 9:00 a.m. and 5:00 p.m.

SECTION 4. EFFECTIVE DATE: This repeal shall become effective August 28, 2023.

Motion supported by Councilmember Olson.

Roll Call Vote 6-1.

AYES: Councilmembers Fear, Olson, Mayor Pro-Tem Osika, Councilmembers Pidek, Law and Mayor Teich.

NAYS: Councilmember Haber

### **CITIZEN COMMENTS AND QUESTIONS**

Greg Brodeur, Shiawassee County Commissioner, stated the opening of the veterans' center is on August 24<sup>th</sup>. The land bank at the county is working out well and round 3 of the blight grant is available. The renovation work on the courthouse is going well and on time.

Tom Manke commented on the first responders and the response time to assist a man at the library. The organic cruise brought in about 5,500 people, supporting downtown businesses.

Rachel Osmer commented on Oatfest and the positive feedback for a free event on a Friday.

Eddie Urban stated today is Purple Heart Day and the manhole near the American Legion should be looked at.

Tom Johnson stated Adams Street is falling apart and the water pressure stinks. Added the concrete is cracked by the telephone near the American Legion.

### **CONSENT AGENDA**

Motion by Mayor Pro-Tem Osika to approve the Consent Agenda as follows:

**Traffic Control Order – PFC Cantu Annual 5k Run/Walk.** Approve request from Jennifer Clarke, event organizer, for the partial closure of various streets in the northeast quadrant of the City for the PFC Cantu Annual 5k Run/Walk from 8:00 a.m.-1:00 p.m. on Sunday, August 27, 2023, waive the insurance requirement, and approve Traffic Control Order No. 1504 formalizing the permission.

Master Plan Implementation Goals: 4.2, 4.6, 5.12

**Purchase Order Amendment – Stewart Street Sanitary and Storm Sewer.** Authorize amendment to Purchase Order No. 43910 with Monchilov Sewer Service LLC for inspection of the sanitary and storm sewer lines along Stewart Street, increasing the amount by \$18,125.00 to \$27,793.00 for further investigation of 15 lateral storm sewer connections and the internal repair of 4 areas of the sanitary sewer

line, and further authorize payment up to \$27,793.00 upon satisfactory completion of the work or portion thereof as follows:

**RESOLUTION NO. 134-2023**

**AUTHORIZING REPAIR OF SANITARY SEWER MAIN  
AND STORM SEWER INVESTIGATION PROVIDED BY  
MONCHILOV SEWER SERVICES LLC OF FAIRVIEW, MICHIGAN**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, is required to provide wastewater collection services to city customers in compliance with city ordinances and the NPDES discharge permit issued by the state of Michigan, and

WHEREAS, Monchilov Sewer Services, LLC has televised the Stewart Street sanitary sewer from Shiawassee Street (M-52) to Washington Street and found areas in need of repair due to cracking and defective wyes; and

WHEREAS, Monchilov Sewer Services, LLC has also televised the Stewart Street storm sewer from Shiawassee Street (M-52) to Washington Street and found lateral connections that must be further investigated to determine they are active connections; and

WHEREAS, the City Engineer has reviewed the necessity for the sanitary sewer repairs and storm sewer lateral investigation and recommends authorizing Monchilov Sewer Services, LLC to provide the required services in an amount not to exceed \$18,125.00.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to contract with Monchilov Sewer Services, LLC for the repair of the sanitary sewer and the investigation of the storm sewer laterals on Stewart Street from Shiawassee Street (M-52) to Washington Street.
- SECOND: The accounts payable department is authorized to submit payment to Monchilov Sewer Services, LLC in an amount not to exceed \$18,125.00 for services upon satisfactory completion of the repairs and investigation.
- THIRD: The above expense shall be paid from Sewer Fund account no. 590-549-818.000 (\$11,300.00) and Major Street Fund account no. 202-451-818.000-STEWRT2024.

**Change Order - 2023 Water Service Line Identification Project.** Approve Change Order No. 2 to the contract with Monchilov Sewer Service, LLC for the 2023 Water Service Line Identification Project, increasing the contract \$81,875.00 for the investigation of 325 additional addresses, funded as part of the City's Drinking Water Asset Management Grant (DWAM), and further approve payment to the contractor up to the contract amount, including Change Order Nos. 1 & 2, upon satisfactory completion of the project or portion thereof as follows:

**RESOLUTION NO. 135-2023**

**AUTHORIZING CHANGE ORDER NO. 2  
TO THE CONTRACT BETWEEN THE CITY OF OWOSSO AND  
MONCHILOV SEWER SERVICE  
FOR THE 2023 WATER SERVICE LINE IDENTIFICATION PROJECT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract with Monchilov

Sewer Service, on March 20, 2023 for the 2023 Water Service Line Identification Project as part of the Drinking Water Asset Management (DWAM) grant through the Michigan Department of Environment, Great Lakes, and Energy; and

WHEREAS, change order no. 1 in the amount of \$91,652.50 was approved on May 1, 2023 to add roughly 160 addresses for water service line material identification to the contract; and

WHEREAS, city staff desires to add roughly 325 additional addresses for water service line material identification to the contract for locations planned for replacement in 2024; and

WHEREAS, Monchilov Sewer Service has agreed to identify the material of these additional water service lines and a change order is necessary to increase the contract amount.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to amend the 2023 Water Service Line Identification Project contract with Monchilov Sewer Service to increase the contract amount to identify additional water service lines.
- SECOND: The Mayor and City Clerk are instructed and authorized to sign the document substantially in form attached as Change Order No. 2 in the amount of \$81,875.00; an increase to the Contract for Services between the city of Owosso and Monchilov Sewer Service, revising the total current contract amount from \$255,444.00 to \$337,319.00.
- THIRD: The accounts payable department is authorized to pay Monchilov Sewer Service for work satisfactorily completed up to the revised contract amount of \$337,319.00.
- FOURTH: The above expenses shall be paid from Water Fund Account No. 591-552-818.000-LSL-ID0000.

#### Master Plan Implementation Goals: 3.4

**Change Order – DWAM Grant - Engineering Services Agreement.** Approve Change Order No. 2 to the DWAM Grant - Engineering Services Agreement with OHM Advisors for the provision of additional administrative services for an additional 325 addresses in the amount of \$78,000.00, and authorize payment up to the contract amount plus Change Order Nos. 1 & 2 upon satisfactory completion of the work or portion thereof as follows:

#### RESOLUTION NO. 136-2023

#### **AUTHORIZING CHANGE ORDER NO. 2 TO THE DRINKING WATER ASSET MANAGEMENT (DWAM) GRANT – ENGINEERING SERVICES CONTRACT WITH ORCHARD, HILTZ & MCCLIMENT, INC. D/B/A OHM ADVISORS**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, authorized the Drinking Water Asset Management (DWAM) Grant – Engineering Services Contract with Orchard, Hiltz & McCliment, Inc. d/b/a OHM Advisors on January 18, 2022; and

WHEREAS, change order no. 1 in the amount of \$24,500 was approved on May 1, 2023 for additional engineering services for increasing the scope of work; and

WHEREAS, a request was developed to add an additional 325 addresses to the contract in order to identify water service line materials at locations planned for replacement in 2024; and

WHEREAS, OHM Advisors has submitted a proposal in the amount of \$78,000.00 and it has been determined that the scope of additional engineering services is acceptable and approval is recommended.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: it has heretofore determined that it is advisable, necessary and in the public interest to approve Change Order No. 2 to the Drinking Water Asset Management (DWAM) Grant – Engineering Services Contract with Orchard, Hiltz & McCliment, Inc. d/b/a OHM Advisors, to include engineering services for water service line material identification at an additional 325 addresses.
- SECOND: the Mayor and City Clerk are instructed and authorized to sign Change Order #2 to the DWAM Grant – Engineering Services Contract, between the City of Owosso, Michigan and Orchard, Hiltz & McCliment, Inc. d/b/a OHM Advisors, substantially in the form attached, in an amount not to exceed \$78,000.00.
- THIRD: the accounts payable department is authorized to submit payment to OHM Advisors, in the amount of \$223,310.00 for said services.
- FOURTH: the above additional services in the amount of \$78,000.00 shall be paid from the Water Funds Account 591-552-818.000-LSL-ID0000 upon satisfactory completion of the work or portion thereof.

**Change Order – 2023 Sidewalk Program.** Approve Change Order No. 1 to the 2023 Sidewalk Program Contract with KMI Road Maintenance, LLC for additional sidewalk replacement along the James S. Miner River Walk in the amount of \$24,962.00 and authorize payment up to the contract amount plus Change Order No. 1 upon satisfactory completion of the work or portion thereof as follows:

#### **RESOLUTION NO. 137-2023**

#### **AUTHORIZING CHANGE ORDER NO. 1 TO THE CONTRACT BETWEEN THE CITY OF OWOSSO AND KMI ROAD MAINTENANCE, LLC FOR THE 2023 SIDEWALK PROGRAM**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract with KMI Road Maintenance, LLC on March 6, 2023 for sidewalk replacements on various streets throughout the city; and

WHEREAS, sidewalk sections along the James S Miner Trail are in need of repair; and

WHEREAS, KMI Road Maintenance, LLC has agreed to make the sidewalk repairs along the James S Miner Trail and a change order is necessary to increase the contract amount.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to amend the 2023 Sidewalk Program contract with KMI Road Maintenance, LLC to increase the contract in the amount of \$24,962.00 for additional sidewalk repairs along the James S Miner Trail, bringing the contract total to \$176,837.00.

- SECOND: The Mayor and City Clerk are instructed and authorized to sign the document substantially in form attached as Change Order No. 1 to the Contract for Services between the City of Owosso and KMI Road Maintenance, LLC.
- THIRD: The accounts payable department is authorized to pay KMI Road Maintenance, LLC for work satisfactorily completed up to the revised contract amount of \$176,837.00 plus contingency funds in the amount of \$8,000 for a total of \$184,837.00.
- FOURTH: The above expenses for change order no. 1 in the amount of \$24,962.00 shall be paid from Park Fund Account No. 101-751-818.000.

**Change Order – WWTP Solids Handling Project.** Approve Change Order No. 3 to the contract with Sorensen Gross Company for the WWTP Solids Handling Improvements Project increasing the contract by \$329,732.00, contingent upon receipt of approval by EGLE (2022 CWSRF project), and further approve payment to the contractor up to the contract amount, including Change Order Nos. 1-3, upon satisfactory completion of the project or portion thereof as follows:

#### **RESOLUTION NO. 138-2023**

#### **AUTHORIZING CHANGE ORDER NO. 3 TO THE CONTRACT BETWEEN THE CITY OF OWOSSO AND SORENSEN GROSS COMPANY OF FLINT, MICHIGAN FOR CONSTRUCTION AND INSTALLATION OF SOLIDS HANDLING PROCESS EQUIPMENT FOR USE AT THE WASTEWATER TREATMENT PLANT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract with Sorensen Gross Company, on February 7, 2022 for the construction and installation of the solids/sludge handling process equipment system, known as the Wastewater Treatment Plant (WWTP) Solids Handling project, are approved 2022 SRF planned project; and

WHEREAS, the project is now underway and a change order is necessary to reconcile contract work and supplies to be used.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to amend the Wastewater Treatment Plant (WWTP) Solids Handling project contract with Sorensen Gross Company to increase the contract amount to update contract work and supplies to be used.
- SECOND: The Mayor and City Clerk are instructed and authorized to sign the document substantially in form attached as Change Order No. 3 in the amount of \$329,732.00; an increase to the Contract for Services between the City of Owosso and Sorensen Gross Company, revising the total current contract amount from \$4,429,823.00 to \$4,759,555.00.
- THIRD: The Accounts Payable department is authorized to pay Sorensen Gross Company for work satisfactorily completed up to the revised contract amount of \$4,759,555.00.
- FOURTH: The above expenses shall be paid from the Wastewater Fund, and SRF Bond Funds.

**Master Plan Implementation Goals: 3.4, 3.7**



**Change Order – WTP Backwash VFD Voltage Protection Project.** Approve Change Order No. 1 to the contract with MP Predictive Technologies, Inc for the WTP Backwash VFD Voltage Protection Project increasing the contract by \$3,344.06 for additional parts and labor, and further approve payment to the contractor up to the revised contract amount of \$28,917.90 upon satisfactory completion of the project as follows:

**RESOLUTION NO. 139-2023**

**AUTHORIZING CHANGE ORDER NO. 1  
TO THE CONTRACT BETWEEN THE CITY OF OWOSSO AND  
MP PREDICTIVE TECHNOLOGIES, INC OF ORLANDO, FLORIDA FOR  
CONSTRUCTION AND INSTALLATION OF BACKWASH VFD VOLTAGE  
PROTECTION FOR USE AT THE WATER TREATMENT PLANT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract with MP Predictive Technologies, Inc on April 3, 2023 for the construction and installation backwash VFD voltage protection at the Water Treatment Plant, known as the Water Treatment Plant (WTP) Backwash VFD Voltage Protection project, is an approved 2023 planned project; and

WHEREAS, the project is now underway and a change order is necessary to reconcile contract work and supplies to be used.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to amend the Water Treatment Plant (WTP) Backwash VFD Voltage Protection project contract with MP Predictive Technologies, Inc to increase the contract amount to update contract work and supplies to be used.
- SECOND: The Mayor and City Clerk are instructed and authorized to sign the document substantially in form attached as Change Order No. 1 in the amount of \$3,344.06; an increase to the Contract for Services between the City of Owosso and MP Predictive Technologies, Inc revising the total current contract amount from \$25,573.84 to \$28,917.90.
- THIRD: The Accounts Payable department is authorized to pay MP Predictive Technologies, Inc for work satisfactorily completed up to the revised contract amount of \$28,917.90.
- FOURTH: The above expenses shall be paid from account no. 591-553-933.000.

**Sole Source Purchase Authorization – BS&A Timesheets.** Authorize purchase of the Timesheets module from sole source provider BS&A in the amount of \$15,790.00 and further authorize payment to the vendor upon satisfactory installation and training as follows:

**RESOLUTION NO. 140-2023**

**ADOPTING THE BS&A PROPOSAL FOR SOFTWARE AND SERVICES FOR  
TIMESHEETS AND EMPLOYEE SELF-SERVICE**

WHEREAS, the City of Owosso, a Michigan municipal corporation, utilizes a sophisticated network of computers and software to facilitate day-to-day operations; and

WHEREAS, said network requires additions from time-to-time to stay current; and

WHEREAS, the city contracts with BS&A for various other software platforms, now including Timesheets and Employee Self-Service; and

WHEREAS, the City Council must adopt a resolution authorizing the terms of the quotation in the amount of \$15,790.00.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has determined it is advisable, necessary and in the public interest to add BS&A Timesheets and Employee Self-Service to our software suite.
- SECOND: The Mayor and City Clerk are instructed and authorized to approve the document substantially in form attached as Proposal for Software and Services, Presented to City of Owosso, Shiawassee County MI, July 11, 2023 between the City of Owosso and BS&A.
- THIRD: The accounts payable department is authorized to pay BS&A for the equipment in an amount not to exceed \$15,790.00.
- FOURTH: The above expenses shall be paid from Account No. 101-228-978.000 (Equipment). Per Sec. 2-346: exceptions to competitive bidding, where the service, product or material contracted for is not competitive in nature. Software add on purchase is integrated into our current payroll/accounting software program (BS&A).

**Purchase Authorization – Phone System.** Waive competitive bidding requirements, authorize the purchase of a new Cisco phone system, including new handsets and migration to the WebEx Calling platform, from Logicalis, Inc in the amount of \$70,258.03 utilizing State of Michigan Contract No. 210000001333, and further authorize payment to the vendor upon satisfactory installation and training as follows:

#### **RESOLUTION NO. 141-2023**

##### **ADOPTING THE LOGICALIS UPDATE TO WEBEX CALLING AND HANDSETS QUOTATION # 2023-165874v1; 2022-141909v3; 2023-165279v1**

WHEREAS, the City of Owosso, a Michigan municipal corporation, utilizes a sophisticated network of telephones to facilitate day-to-day operations; and

WHEREAS, said network requires updates from time-to-time to stay current and connected; and

WHEREAS, the City contracts with Logicalis for the handset replacement and update to WebEx Calling; and

WHEREAS, the City Council must adopt a resolution authorizing the terms of the quotations # 2023-165874v1; 2022-141909v3; 2023-165279v1.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has determined it is advisable, necessary and in the public interest to replace the existing handsets and update to WebEx Calling.
- SECOND: The Mayor and City Clerk are instructed and authorized to approve the document substantially in form attached as Voice Upgrade to Webex Calling and Handsets, Quotation # 2023-165874v1; Professional Services for Implementation, Migration,

Training and Day 1 Support to Webex Calling Quotation # 2022-141909v3; and Voice Planning Project for Migration to Webex Calling Quotation # 2023-165279v1 between the City of Owosso and Logicalis.

- THIRD: The accounts payable department is authorized to pay Logicalis for the equipment in an amount not to exceed \$70,258.03.
- FOURTH: The above expenses shall be paid from Account No. 101-228-933.000 (Equipment Maintenance) and 101-228-978.000 (Equipment). Exempted from bidding per ordinance due to our cooperative government purchasing agreement through NASPO (Mi-Deal) and 1GPA.

**Purchase Authorization – Road Salt.** Authorize the purchase of road salt from Detroit Salt Company, LLC under State of Michigan Contract No. 1800000000768 in the amount of \$89,502.00 for 1400 tons of road salt at \$63.93/ton seasonal fill, to be delivered as needed for the 2023-2024 contract period as follows:

#### **RESOLUTION NO. 142-2023**

#### **AUTHORIZING THE EXECUTION OF A PURCHASE ORDER WITH THE DETROIT SALT COMPANY, LLC FOR THE 2023-2024 WINTER SUPPLY OF ROAD SALT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has a responsibility to keep its streets safe during the winter months, and that this winter ice control maintenance is advisable, necessary and in the public interest; and

WHEREAS, the most efficient way to remove ice from the streets is the application of road salt onto the icy pavements; and

WHEREAS, in order to obtain the best price for road salt material, it is in the best interest of the City of Owosso to waive competitive bidding requirements and utilize the State of Michigan Contract number 1800000000768 effective September 1, 2018, provided by The Detroit Salt Company, LLC for the purchase of road salt at \$63.93 per ton for seasonal delivery as needed bulk.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to purchase 1,400 tons of road salt from The Detroit Salt Company, LLC.
- SECOND: The contract between the City and The Detroit Salt Company, LLC shall be in the form of a Purchase Order, with reference to State of Michigan Contract No. 1800000000768.
- THIRD: The accounts payable department is authorized to pay The Detroit Salt Company, LLC for road salt delivered in the amount of \$89,502.00, plus a contingency amount of \$25,572.00 with prior authorization for a total of \$115,074.00.
- FOURTH: The above expenses shall be paid from Local and Major Street Fund and State Trunk-line accounts 202/203.478.728.000 and 202.497.728.000.

**Warrant No. 631.** Authorize Warrant No. 631 as follows:

Vendor	Description	Fund	Amount
BS&A Software	Annual Software Management/Support	Various	\$26,921.00
Shiawassee Economic Development Partnership	Annual Investment FYE 06-30-2024	General	\$40,000.00
Waste Management	Service from July 1, 2023 – July 15, 2023	WWTP	\$11,540.70
		Total	\$78,461.70

**Check Register – July 2023.** Affirm check disbursements totaling \$1,899,692.35 through July 21, 2023.

Motion supported by Councilmember Law.

Roll Call Vote.

AYES: Councilmembers Haber, Olson, Fear, Pidek, Mayor Pro-Tem Osika, Councilmember Law and Mayor Teich.

NAYS: None.

### **ITEMS OF BUSINESS**

**ARPA Funding – Allocated Projects Amendment.** Consider amending the list of projects that have been allocated ARPA funds.

City Manager Nathan Henne stated this is a reallocation of a portion of the funding as we didn't need it for the standpipe. It will go to a separate water project coming up.

Motion by Mayor Pro-Tem Osika to approve the amendment to the list of projects that have been allocated ARPA funds as follows:

### **RESOLUTION NO. 143-2023**

#### **RESOLUTION DESIGNATING ARPA FUNDING TO A NEW WATER FUND PROJECT**

WHEREAS, the city of Owosso, Michigan is a non-entitlement unit of local government (NEU) that received American Rescue Plan Act (ARPA) funding; and

WHEREAS, all funds must be obligated by December 31, 2024 and expended to cover such obligations by December 31, 2026; and

WHEREAS, the Owosso City Council designated \$750,000 of ARPA funds to the Water Fund on March 7, 2022 to lower the impact of a rate increase and be used for construction costs associated with the rehabilitation of standby towers and a water main replacement on Center Street; and

WHEREAS, the Owosso City Council designated \$160,000 of ARPA funds to the General Fund (Fire Department) on April 19, 2022 to purchase self-containing breathing apparatuses; and

WHEREAS, the Owosso City Council designated \$331,600 of ARPA funds to the Water Fund on April 19, 2022 to be used for lead service line replacement throughout the city; and

WHEREAS, the Owosso City Council designated \$275,986 of ARPA funds to the Downtown Development Authority on June 21, 2022 to be used for downtown chairman light replacement; and

WHEREAS, the rehabilitation of standby towers and water main replacement on Center Street and the purchase of self-containing breathing apparatuses came under budget; and

WHEREAS, interest in the amount of \$46,273 has been earned on unspent ARPA funds.

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF OWOSSO, SHIAWASSEE COUNTY, MICHIGAN:

FIRST: the Owosso City Council authorizes and obligates ARPA funds and earned interest to the following projects:

1. \$805,973 (estimate) for well house construction and supervisory control and data acquisition (SCADA) system construction for the water filtration process
2. \$150,300 (actual) to purchase self-containing breathing apparatuses
3. \$331,600 (estimate) to replace lead service lines
4. \$275,986 (estimate) to replacement downtown chairman lights

Motion supported by Councilmember Pidek.

Roll Call Vote.

AYES: Councilmembers Pidek, Haber, Law, Fear, Olson, Mayor Pro-Tem Osika and Mayor Teich.

NAYS: None.

### **COMMUNICATIONS**

Brad A. Barrett, Finance Director. Financial Report – June 2023.  
Downtown Development Authority/Main Street. Minutes of July 18, 2023.  
Parks & Recreation Commission. Minutes of July 18, 2023.  
Downtown Historic District Commission. Minutes of July 19, 2023.  
Planning Commission. Minutes of July 24, 2023.  
WWTP Review Board. Minutes of July 25, 2023

### **CITIZEN COMMENTS AND QUESTIONS**

Tom Manke asked about business loans and who is responsible for repayment when the business closes.

A person commented about the cruise and the amount of junk and pizza boxes left behind. Additionally, the house on South Chipman that needs to be torn down.

Robert Hooper thanked the Council for what they do and noted he has seen the City Manager clean up garbage after a recent event.

Eddie Urban spoke about transparency and not knowing everyone that is hired by the City nor everyone on the Council.

City Manager Nathan Henne stated that clean up is normally done by the event organizer. The City is working on an application for the blight grant with the county land bank in hopes of obtaining funding to remove the house on South Chipman and a house on Martin Street.

City Attorney stated that when revolving loan funds are not paid, the City would pursue court action.

Mayor Pro-Tem Osika stated the National Night Out was a great event and commended the police and fire department on a job well done.

### **NEXT MEETING**

Monday, August 21, 2023

### **BOARDS AND COMMISSIONS OPENINGS**

Building Board of Appeals – Alternate - term expires June 30, 2024  
Building Board of Appeals – Alternate - term expires June 30, 2025  
Downtown Development Authority – Resident – term expires June 30, 2025  
Zoning Board of Appeals – Alternate – term expires June 30, 2024  
Zoning Board of Appeals – Alternate – term expires June 30, 2025

### **ADJOURNMENT**

Motion by Councilmember Fear for adjournment at 8:43 p.m.

Motion supported by Mayor Pro-Tem Osika and concurred in by unanimous vote.

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Robert J. Teich, Jr., Mayor

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Tanya S. Buckelew, Recording Clerk



## MEMORANDUM

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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**DATE:** August 21, 2023

**TO:** Mayor Teich and the Owosso City Council

**FROM:** Ryan E. Suchanek, Director of Public Services & Utilities

**SUBJECT:** Palmer 3A and Juniper 1 Well Houses Project Change Order #1

### RECOMMENDATION:

Approval of increased payment for construction work by Sorensen Gross Company (Flint, MI) for the Palmer 3A and Juniper 1 Well Houses project in the amount of \$8,029.00.

### BACKGROUND:

On January 17, 2023, the City received bids for the Palmer 3a and Juniper 1 Well Houses Project. Work includes construction of two (2) well houses, two (2) vertical line-shaft turbine pumps, water mains to connect water wells to existing raw water mains for the following wells:

- Palmer 3A
- Juniper 1

On February 6, 2023, City Council approved a resolution to tentatively award the Palmer 3A and Juniper 1 Well Houses Project contract to Sorensen Gross Company as they were the confirmed low and most responsive bid with a total cost amount of \$2,363,238.00.

It has now been discovered that the engineering work for the design on this project, previously completed by OHM, was based on a location error. OHM inaccurately placed the Juniper well house on top of the test well, instead of on top of the production well. Due to this error, the plans for the project must be amended as follows: move the Juniper well house structure 112 feet southeast to be located overtop the 12" water well instead of over top the 5" test well. Mirror the structure along the east-west axis and reroute the gas, electric, and water utilities to accommodate the updated location; reduce the length of water main by approximately 40 feet; and increase the length of the access drive by approximately 80 feet.

Work has continued at the site while we worked out the details of the amendment, however, this change increases the project cost by \$8,029.00, bringing the total project cost from \$2,363,238.00 to \$2,371,267.00.



**FISCAL IMPACTS:**

The project is funded by the DWSRF and ARPA Funds, with the additional costs of \$8,029.00. Final expenses in the amount of \$2,371,267.00 shall be paid from the Water Fund and 2023 SRF Bond Funds.

**Document originated by:** Ryan E. Suchanek, Director of Public Services & Utilities

ATTACHMENTS:     (1)     Resolution  
                      (2)     Change Order #1

**RESOLUTION NO.**

**AUTHORIZING CHANGE ORDER NO. 1  
TO THE CONTRACT BETWEEN THE CITY OF OWOSSO  
AND SORENSEN GROSS COMPANY OF FLINT, MICHIGAN  
FOR THE PALMER 3A AND JUNIPER 1 WELL HOUSES PROJECT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract with Sorensen Gross Company, on February 6, 2023 for the construction and installation of two (2) well houses, two (2) vertical line-shaft turbine pumps, and water mains to connect water wells Palmer 3A and Juniper 1 to existing raw water mains, and said project is an approved 2023 SRF planned project; and

WHEREAS, after the project started it was discovered that the design engineering work contained a location error, inaccurately placing the Juniper well house on top of the test well, instead of the production well; and

WHEREAS, the on-site solution to this error necessitated moving the structure 112 feet southeast mirrored along the east-west axis and rerouting of gas, electric and water utilities to accommodate the updated location along with reduction of the length of water main by approximately 40 feet and increase of the length of the access drive by approximately 80 feet; and

WHEREAS, a change order is necessary to reconcile contract work and supplies to be used in fixing the error.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to amend the Palmer 3A and Juniper 1 Well Houses Project contract with Sorensen Gross Company to increase the contract amount to update contract work and supplies to be used.

SECOND: The Mayor and City Clerk are instructed and authorized to sign the document substantially in the form attached as Change Order No. 1 in the amount of \$8,029.00; an increase to the Contract for Services between the City of Owosso and Sorensen Gross Company, revising the total current contract amount from \$2,363,238.00 to \$2,371,267.00.

THIRD: The Accounts Payable department is authorized to pay Sorensen Gross Company for work satisfactorily completed up to the revised contract amount of \$2,371,267.00.

FOURTH: The above expenses shall be paid from the Water Fund, and SRF Bond Funds.

---

<b>Date of Issuance:</b>	8/11/2023	<b>Effective Date:</b>	
<b>Owner:</b>	City of Owosso	<b>Owner's PO No.:</b>	000044007
<b>Contractor:</b>	Sorensen Gross Company	<b>Contractor's Project No.:</b>	88303-001
<b>Engineer:</b>	OHM Advisors	<b>Engineer's Project No.:</b>	0020-23-0010
<b>Project:</b>	Juniper & Palmer 3A Wellhouses	<b>EGLE Permit No.:</b>	ACT-224019

---

**The Contract is modified as follows upon execution of this Change Order:**

**Description:**

Move the Juniper wellhouse structure 112 feet southeast to be located overtop the 12" water well instead of over top the 5" test well. Mirror the structure along the east-west axis and reroute the gas, electric, and water utilities to accommodate the updated location. Reduce the length of water main by approximately 40 feet. Increase the length of the access drive by approximately 80 feet.

**Attachments:**

- **The following sheets for the Juniper Wellhouse Design Set have been reissued with date 06/14/2023**
    - C-5 SITE LAYOUT PLAN - WELL HOUSE
    - C-7 SITE GRADING PLAN - WELL HOUSE AND EAST CONNECTION
    - C-8 RAW WATER MAIN PLAN AND PROFILE
    - C-10 SOIL EROSION AND SEDIMENTATION CONTROL PLAN
    - S-2 FOUNDATION PLAN, FRAMING PLAN AND DETAILS
    - A-1 WELLHOUSE PLANS AND GENERAL INFORMATION
    - A-2 WELLHOUSE ELEVATIONS AND SECTIONS
    - A-3 WELLHOUSE SCHEDULES AND DETAILS
    - P-2 PROCESS PLAN & SECTION
    - M-2 FIRST FLOOR MECHANICAL PLAN
    - E-3 ELECTRICAL SITE PLAN - WELL HOUSE
    - E-4 FIRST FLOOR - JUNIPER POWER & LIGHTING PLAN
  - **Contractor's Quote:**
    - Quote Letter from Sorensen Gross Company dated 8/11/2023 (2 pages)
    - Breakdown in Price from Fessler-Bowman, Subcontractor (2 pages)
- 

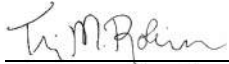
*See Page 2 for changes in Contract Price and Time.*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
<b>Original Contract Price:</b>  <u>\$ 2,363,238.00</u>	<b>Original Contract Times: 45 Calendar Weeks from NTP</b> Substantial Completion: <u>3/27/2024</u> Ready for Final Payment: <u>4/24/2024</u>
<b>[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: N/A</b>  <u>\$ 0</u>	<b>[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: N/A</b> Substantial Completion: <u>No change</u> Ready for Final Payment: <u>No change</u>
<b>Contract Price prior to this Change Order:</b>  <u>\$ 2,363,238.00</u>	<b>Contract Times prior to this Change Order:</b> Substantial Completion: <u>3/27/2024</u> Ready for Final Payment: <u>4/24/2024</u>
<b>[Increase] [<del>Decrease</del>] of this Change Order:</b>  <u>\$ + 8,029.00</u>	<b>Revision of this Change Order: No change</b> Substantial Completion: <u>No change</u> Ready for Final Payment: <u>No change</u>
<b>Contract Price incorporating this Change Order:</b>  <u>\$ 2,371,267.00</u>	<b>Contract Times with all approved Change Orders:</b> Substantial Completion: <u>3/27/2024</u> Ready for Final Payment: <u>4/24/2024</u>

**RECOMMENDED:**

**ACCEPTED:**

**ACCEPTED:**

By: <u></u>	By: _____	By: _____
Traci M. Robinson, PE	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Project Engineer</u>	Title _____	Title _____
Date: <u>8/11/2023</u>	Date _____	Date _____

**Approved by Funding Agency - EGLE**

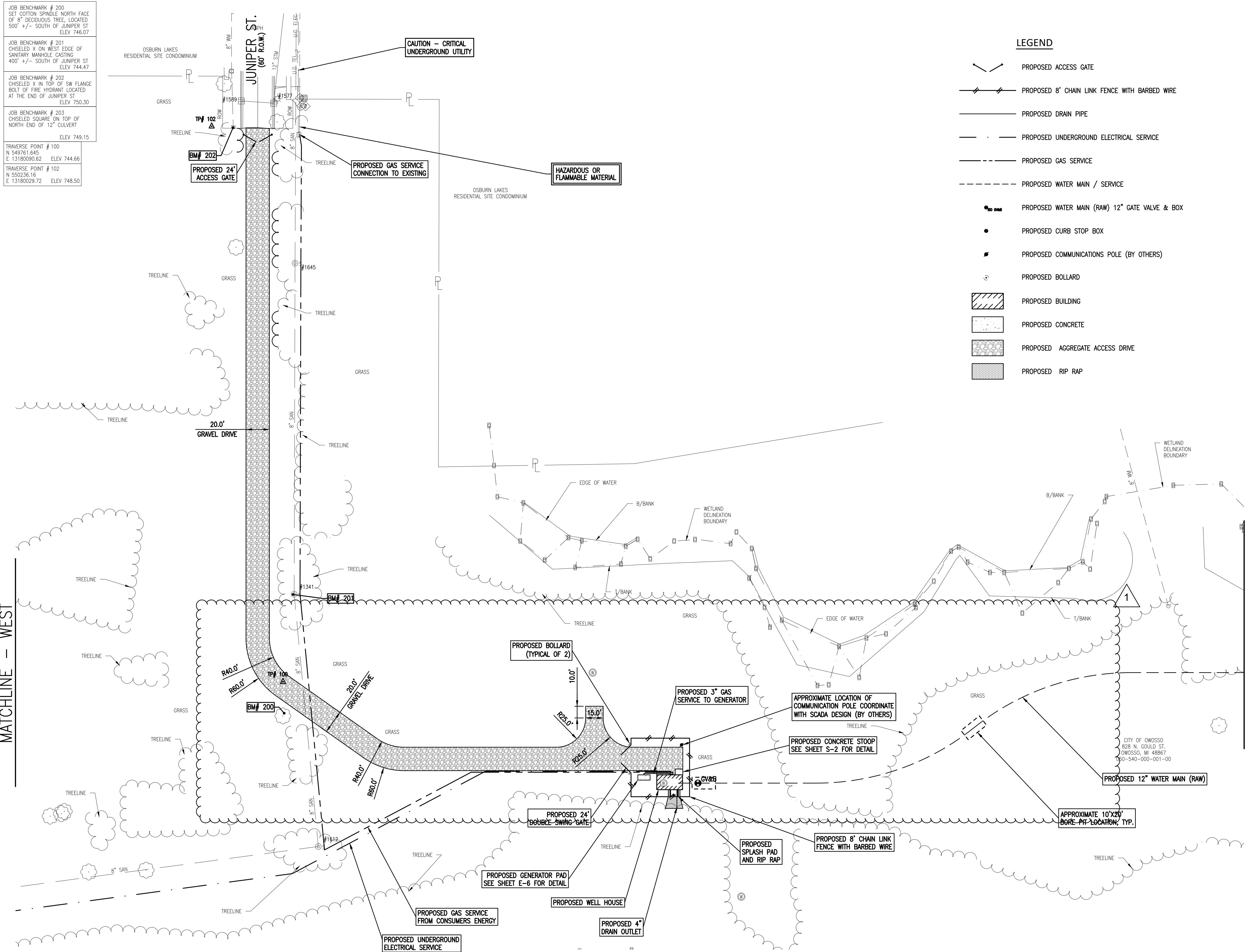
By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

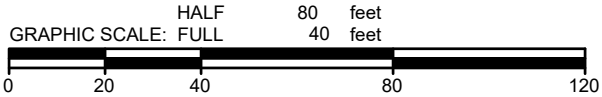
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MATCHLINE - WEST



LEGEND

- PROPOSED ACCESS GATE
- PROPOSED 8' CHAIN LINK FENCE WITH BARBED WIRE
- PROPOSED DRAIN PIPE
- PROPOSED UNDERGROUND ELECTRICAL SERVICE
- PROPOSED GAS SERVICE
- PROPOSED WATER MAIN / SERVICE
- PROPOSED WATER MAIN (RAW) 12" GATE VALVE & BOX
- PROPOSED CURB STOP BOX
- PROPOSED COMMUNICATIONS POLE (BY OTHERS)
- PROPOSED BOLLARD
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED AGGREGATE ACCESS DRIVE
- PROPOSED RIP RAP





ARCHITECTS ENGINEERS PLANNERS

201 E Ellsworth St. Unit 100  
Midland, MI 48840  
P (989) 956-2020

OHM-ADVISORS.COM

ISSUE	CONFORMED SET	3/20/2023
REVISIONS	1. WELLHOUSE LOCATION UPDATE 06/13/2023	

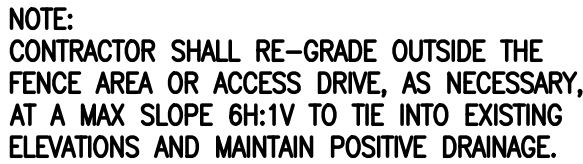
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01/20/2020	010202080	ES	AV	KB	SHAWANSEE	OWOSSO
CITY OF OWOSSO JUNIPER WELL HOUSE DESIGN SITE LAYOUT PLAN - WELL HOUSE						






SHEET	C-5
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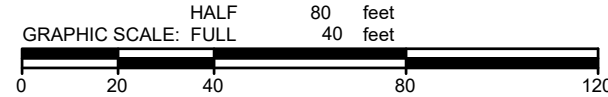


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TRAVERSE POINT # 100	
N 549761.645	
E 13180090.62	ELEV 744.66
TRAVERSE POINT # 102	
N 550236.16	
E 13180029.72	ELEV 748.50



 **FG 749.25**      PROPOSED SPOT GRADE  
 **HP**      PROPOSED HIGH POINT/GRADE BREAK  
      PROPOSED DRAINAGE FLOW ARROW  
 - - - - - **665** - - - - -      EXISTING CONTOUR  
 - - - - - **664** - - - - -      EXISTING CONTOUR



Know what's **below**.  
**Call** before you dig.

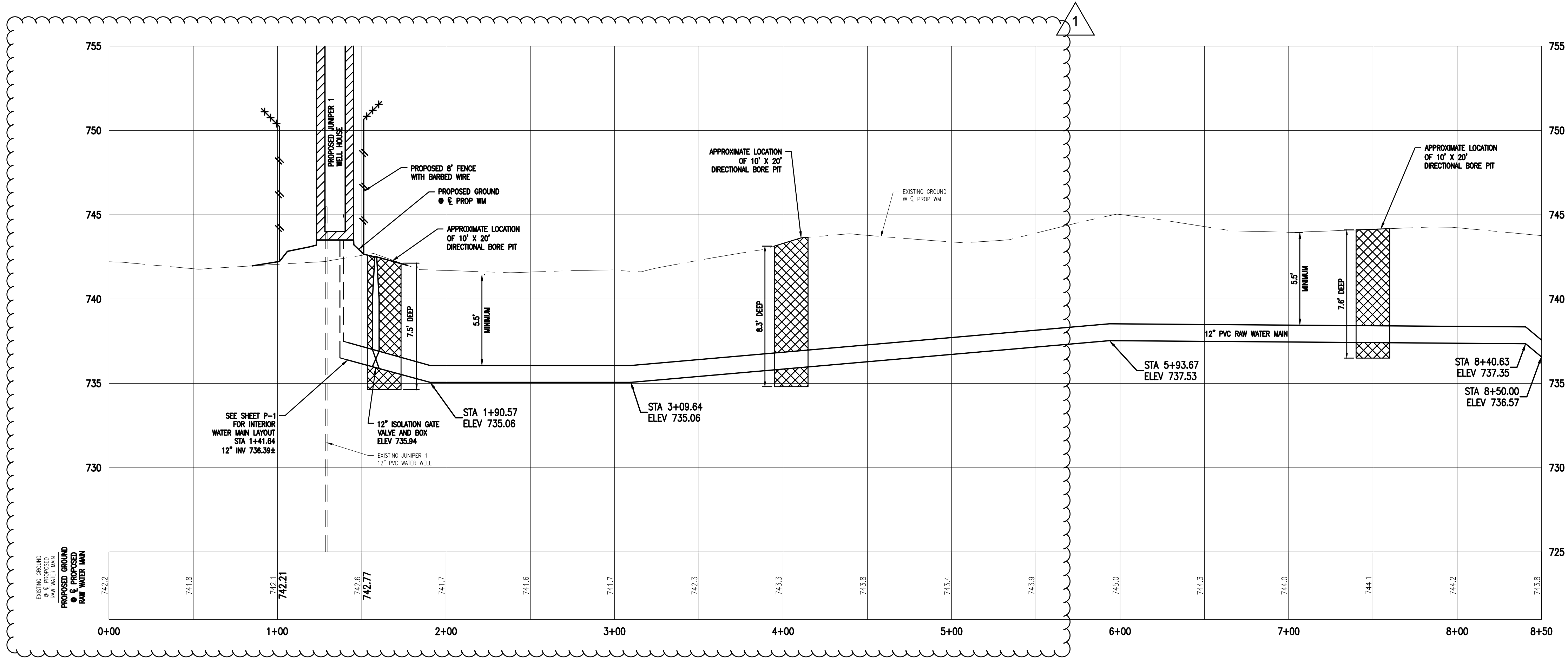
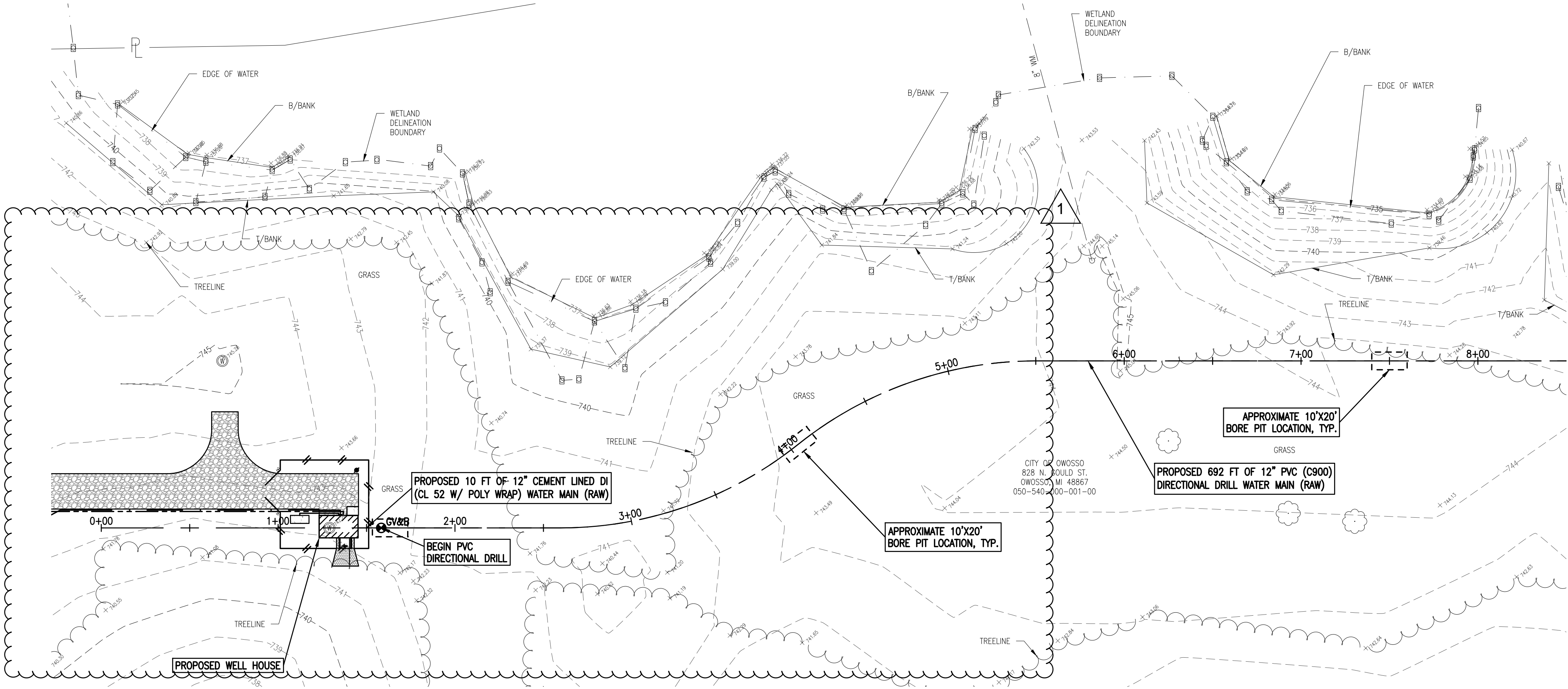
DATE	PROJ NUMBER	ENG ARCH	PROJ MGR	CADD	COUNTY	MUNICIPALITY
###	00000000	ES	AV	4B	SHAWANSEE	OWOSSO
<p>CITY OF OWOSSO</p> <p>JUNIPER WELL HOUSE DESIGN</p> <p>SITE GRADING PLAN</p> <p>WELL HOUSE AND EAST CONNECTION</p>						
<p>ISSUE: CONFORMED SET 12/01/2023</p> <p>REVISIONS</p> <p>1. WELLHOUSE LOCATION UPDATE 08/13/2023</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>						

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DRAWING PATH: P:\0000\_010000202080\_Juniper\_1\Wellhouse\_Design\_BidDrawings\CivilProfiles\22080PRF.dwg Jun 09, 2023 - 12:18pm

JOB BENCHMARK # 200 SET COTTON SPINDLE NORTH FACE OF 8" DECIDUOUS TREE, LOCATED 500' +/- SOUTH OF JUNIPER ST ELEV 746.07
JOB BENCHMARK # 201 CHISELED X ON WEST EDGE OF SANITARY MANHOLE CASTING 400' +/- SOUTH OF JUNIPER ST ELEV 744.47
JOB BENCHMARK # 202 CHISELED X IN TOP OF SW FLANGE BOLT OF FIRE HYDRANT LOCATED AT THE END OF JUNIPER ST ELEV 750.30
JOB BENCHMARK # 203 CHISELED SQUARE ON TOP OF NORTH END OF 12" CULVERT ELEV 749.15
TRAVERSE POINT # 100 N 549761.645 E 13180090.62 ELEV 744.66
TRAVERSE POINT # 102 N 550236.16 E 13180029.72 ELEV 745.50



WATER MAIN APPURTENANCES			
ITEM	STATION	OFFSET	T/BOX OR BURY LINE
CONNECT TO JUNIPER 1 WELL HOUSE PIPING	1+45.18		
12" ISOLATION GV&B	1+58.30		742.50



Know what's below.  
Call before you dig.



DRAWING PATH: P:\0000\_010000\020220080\_Juniper\_1 Wellhouse Design\_BldDrawings\CivilPlans\_Constr\22080SEC.dwg Jun 08, 2023 - 12:18pm

JOB BENCHMARK # 200 SET COTTON SPINDLE NORTH FACE OF 8" DECIDUOUS TREE, LOCATED 500' +/- SOUTH OF JUNIPER ST ELEV 746.07
JOB BENCHMARK # 201 CHISELED X ON WEST EDGE OF SANITARY MANHOLE CASTING 400' +/- SOUTH OF JUNIPER ST ELEV 744.47
JOB BENCHMARK # 202 CHISELED X IN TOP OF SW FLANGE BOLT OF FIRE HYDRANT LOCATED AT THE END OF JUNIPER ST ELEV 750.30
JOB BENCHMARK # 203 CHISELED SQUARE ON TOP OF NORTH END OF 12" CULVERT ELEV 749.15
TRAVERSE POINT # 100 N 549761.645 E 13180090.62 ELEV 744.66
TRAVERSE POINT # 102 N 550236.16 E 13180029.72 ELEV 748.50

#### SESC GENERAL NOTES

- SOIL CONDITIONS:  
Cvra0B- CONOVER LOAM, 0 TO 4 PERCENT SLOPES  
MaA- MACOMB LOAM, 0 TO 2 PERCENT SLOPES  
Brooa0- BROOKSTONE LOAM, DENSE SUBSTRATUM, 0 TO 1 PERCENT SLOPES  
MbB - MACOMB SANDY LOAM, 2 TO 6 PERCENT SLOPES  
  
SOURCE: websoilsurvey.nrcs.usda.gov
- TOTAL AREA OF DISTURBED EARTH APPROXIMATELY 1.6 ACRES.
- NEAREST OPEN WATER IS THE OSBURN DRAIN ADJACENT TO WATER MAIN WORK ON THE SITE.

#### MAINTENANCE NOTES

- SOIL STOCKPILES  
PERIODIC INSPECTIONS SHOULD BE DONE TO ENSURE EXCESSIVE EROSION HAS NOT OCCURRED. IF RUNOFF OR WIND EROSION HAS OCCURRED, REDUCE THE SIDE SLOPES OF THE SPOIL PILE, OR RE-STABILIZE THE STOCKPILE BY PROVIDING TEMPORARY SEEDING. WHEN FILTER FENCING IS USED AROUND A SPOIL PILE, PERIODIC CHECKS SHOULD BE MADE TO ENSURE THAT PIPING HAS NOT OCCURRED UNDER THE FENCING, AND TO ENSURE THE FENCE HAS NOT COLLAPSED DUE TO SOIL SLIPPAGE OR ACCESS BY CONSTRUCTION EQUIPMENT. REPAIR ANY DAMAGED FENCING IMMEDIATELY. BERMS AT THE BASE OF THE SPOIL PILE WHICH BECOME DAMAGED

SHOULD BE REPLACED.

- DUST CONTROL  
TO PREVENT DUST FROM BECOMING A PUBLIC NUISANCE AND CAUSING OFF-SITE DAMAGES, DUST CONTROL SHOULD BE ONGOING DURING EARTH CHANGE ACTIVITIES.
- SILT FENCE  
SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. SILT FENCES SHOULD BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND SEVERAL TIMES DURING PROLONGED RAINFALLS. IF THE FENCE IS SAGGING OR THE SOIL HAS REACHED ONE HALF (1/2) THE HEIGHT OF THE FABRIC, THE SOIL BEHIND THE FABRIC MUST BE REMOVED AND DISPOSED OF IN A STABLE UPLAND SITE. THE SOIL CAN BE ADDED TO THE SOIL STOCKPILE. IF THE FABRIC IS BEING UNDERCUT (I.E. IF WATER IS SEEPING UNDER THE FENCE), THE FENCE SHOULD BE REMOVED AND REINSTALLED FOLLOWING THE PROCEDURES GIVEN ABOVE. FABRIC WHICH DECOMPOSES OR OTHERWISE BECOMES INEFFECTIVE SHOULD BE REMOVED AND REPLACED WITH NEW FILTER FABRIC IMMEDIATELY. SILT FENCES SHOULD BE REMOVED ONCE VEGETATION IS WELL ESTABLISHED AND THE UP-SLOPE AREA IS FULLY STABILIZED.
- INLET FILTERS  
PERIODIC INSPECTIONS SHOULD BE DONE TO ENSURE THAT THE INTEGRITY OF THE GEOTEXTILE FILTER IS MAINTAINED. THE FABRIC SHALL BE REMOVED AND REPLACED SHOULD IT BECOME SEDIMENT LADEN. THE INLET GEOTEXTILE FILTER SHALL BE REMOVED AFTER THE ESTABLISHMENT OF FINAL GRADE AND PRIOR TO PAVEMENT INSTALLATION.

- SEEDING  
NEWLY SEEDED AREAS NEED TO BE INSPECTED FREQUENTLY FOR THE FIRST FEW MONTHS TO ENSURE THE GRASS IS GROWING. IF THE SEEDED AREA IS DAMAGED DUE TO RUNOFF, ADDITIONAL STORMWATER MEASURES MAY BE NEEDED. SPOT SEEDED CAN BE DONE ON SMALL AREAS TO FILL IN BARE SPOTS WHERE GRASS DIDN'T GROW PROPERLY.

- MULCHING  
MULCHED AREAS SHOULD BE CHECKED FOLLOWING EACH RAIN TO ENSURE THE MULCH IS STAYING IN PLACE. ADDITIONAL TACKING MATERIALS OR NETTING MAY NEED TO BE APPLIED TO HOLD THE MULCH IN PLACE.

- STREET MAINTENANCE  
CONTRACTOR SHALL SCRAPE ALL PUBLIC ROADS AT LEAST ON A DAILY BASIS. IN ADDITION, CONTRACTOR SHALL PROVIDE SWEEPING OF PUBLIC ROADS AT LEAST ON A WEEKLY BASIS.

#### CONSTRUCTION SEQUENCE

- PROVIDE EROSION CONTROL MEASURES THAT WILL BE USED AS PART OF THIS WORK. INSTALL ADDITIONAL MEASURES AS REQUIRED BY THESE DRAWINGS AND AS FIELD CONDITIONS DICTATE IN ACCORDANCE WITH THE SHAWASSEE COUNTY REQUIREMENTS.
- IMPLEMENT TEMPORARY SOIL EROSION CONTROL MEASURES, INCLUDING SILT FENCE INSTALLATION.
- STRIP TOPSOIL AND STOCKPILE.

- BEGIN BUILDING CONSTRUCTION.

- INSTALL UTILITIES.

- INSTALL DRIVE AND FENCING.

- BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL HAVE PERMANENT STABILIZATION COMPLETED WITHIN 5 DAYS OF FINAL GRADE.

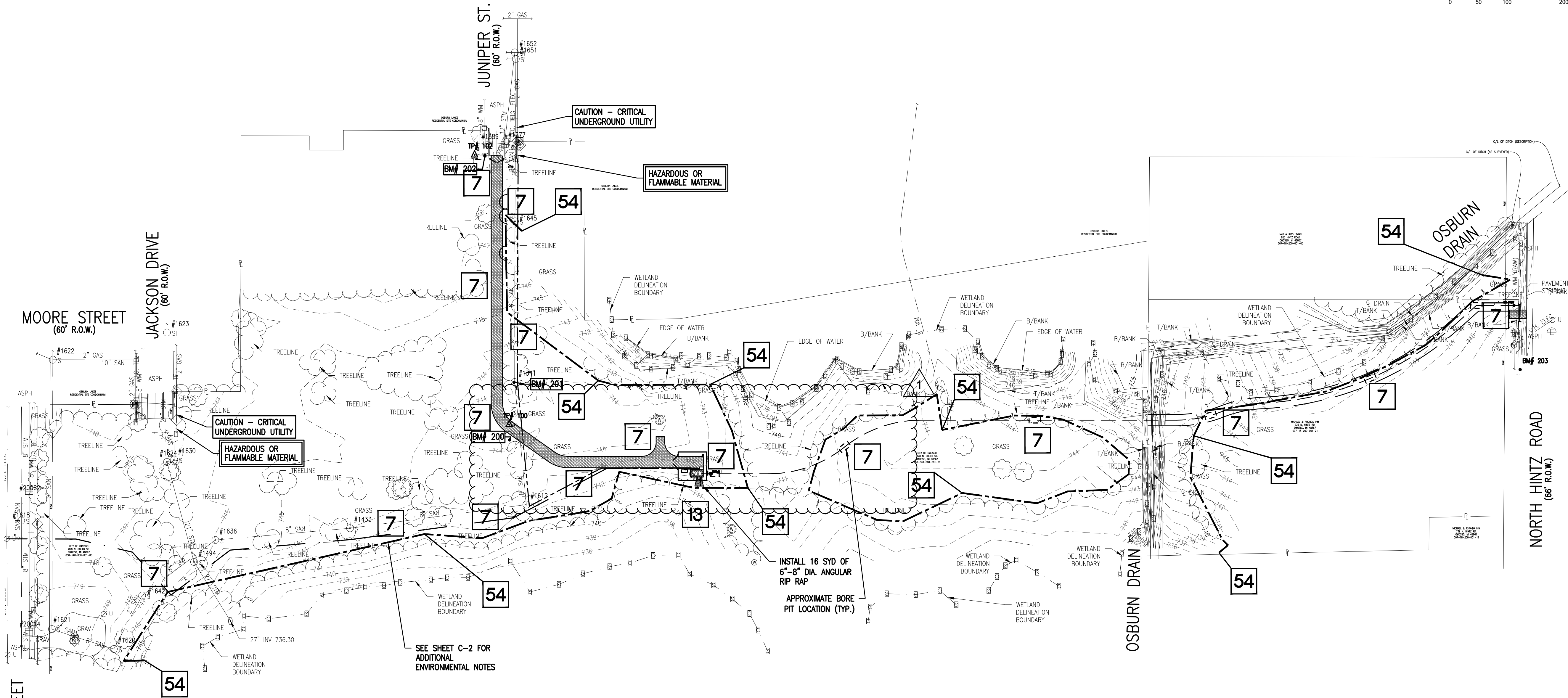
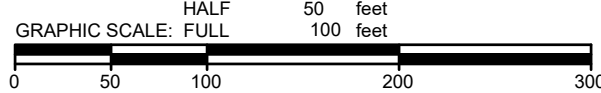
- DAILY, OR AS REQUIRED, CONSTRUCT AND MAINTAIN TEMPORARY BERMS, DRAINS, SILT FENCE, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.

- FINISH GRADE, REDISTRIBUTE TOPSOIL AND ESTABLISH VEGETATION ON ALL DISTURBED GROUND AREAS.

- CLEAN PAVEMENT AND STORM SEWERS OF ALL SEDIMENT.

- REMOVE SOIL EROSION CONTROL MEASURES AFTER PERMANENT VEGETATION HAS BEEN ESTABLISHED.

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED.



SOIL EROSION AND SEDIMENTATION CONTROL MAINTENANCE SCHEDULE							
TASK	FREQUENCY	RRP/RP	SILT FENCE	INLET FILTERS	STORM SEWER	OS SUMPS	VEGETATION
INSPECT FOR SEDIMENT ACCUMULATION	WEEKLY		X	X	X	X	X
REMOVE ACCUMULATED SEDIMENT	AS NEEDED		X	X	X	X	
INSPECT FOR FLOATABLES AND DEBRIS	WEEKLY				X	X	X
REMOVE FLOATABLES AND DEBRIS	AS NEEDED				X	X	
INSPECT FOR PERMIT CONFORMANCE	AFTER RAIN	X	X	X			
RESTORE TO PERMIT CONFORMANCE	AS NEEDED	X	X	X			
INSPECT FOR SOIL EROSION	AFTER RAIN						X
RESTORE TO PREVENT EROSION	AS NEEDED						
SCRAPE STREET	DAILY						
SWEEP STREET	WEEKLY						

SOIL EROSION AND SEDIMENTATION CONTROL OPERATION TIME SCHEDULE							
CONSTRUCTION SEQUENCE	MARCH/APRIL	MAY/JUNE	JULY/AUG	SEP/OCT	NOV/DEC	JAN/FEB	
TEMPORARY EROSION CONTROL MEASURES							
CLEARING							
STRIP & STOCKPILE TOPSOIL / ROUGH GRADE							
BUILDING CONSTRUCTION							
INSTALL ALL OTHER UTILITIES							
SITE CONSTRUCTION							
PERMANENT EROSION CONTROL MEASURES							
FINISH GRADING							

#### SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

7		Effective on large areas. Mulch tacking agent used to provide immediate protection until grass is rooted. Should include prepared topsoil bed.	PERMANENT MEASURE
13		Used where vegetation is not easily established. Effective for high velocities or high concentrations. Permits runoff to infiltrate soil. Dissipates energy flow at system outlets.	PERMANENT MEASURE
54		Filters and detains runoff. Shown on plan as ---	TEMPORARY MEASURE



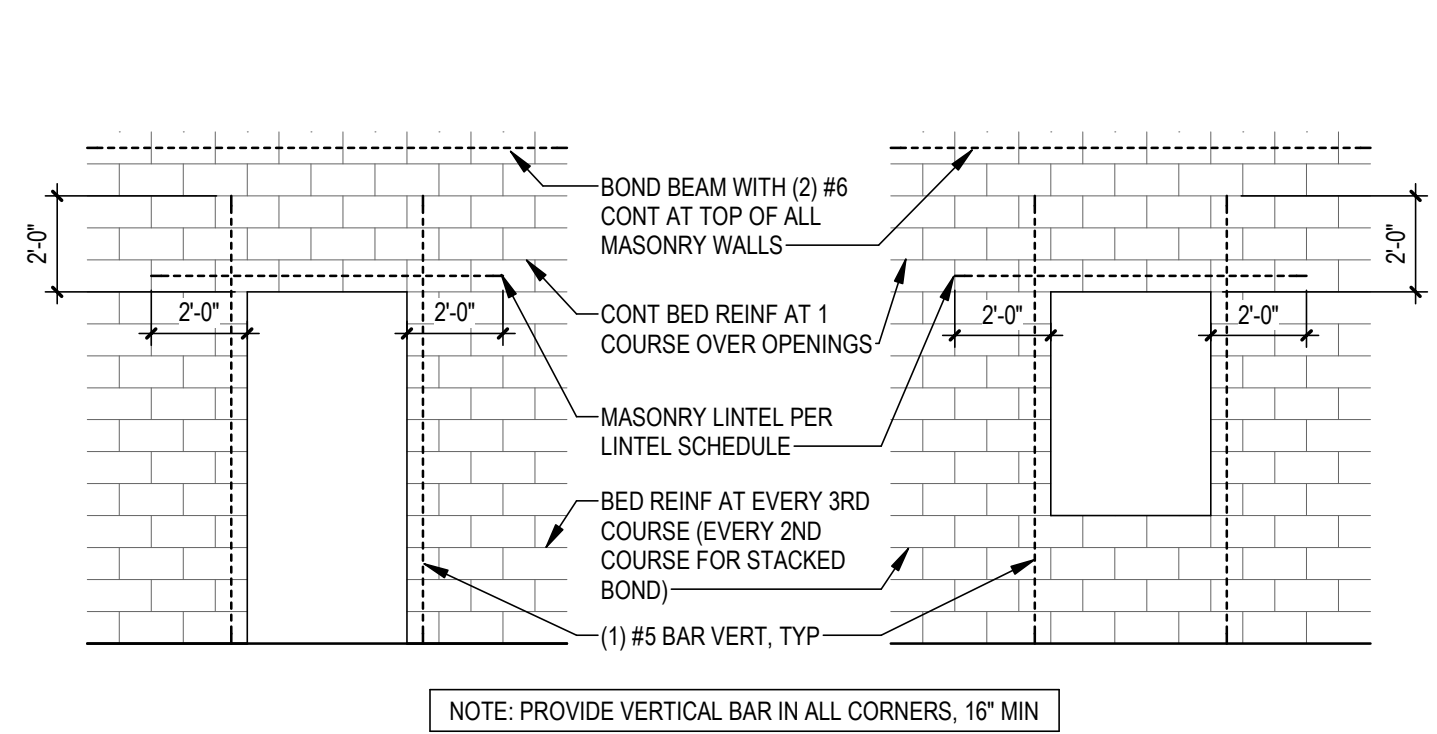
**OHM**  
ARCHITECT'S ENGINEERS PLANNERS  
201 E Ellsworth St, Unit 100  
Midland, MI 48640  
P (989) 956-2020  
OHM-ADVISORS.COM

ISSUE	CONFORMED SET	3/20/2023
REVISIONS	1. WELLHOUSE LOCATION UPDATE 06/13/2023	

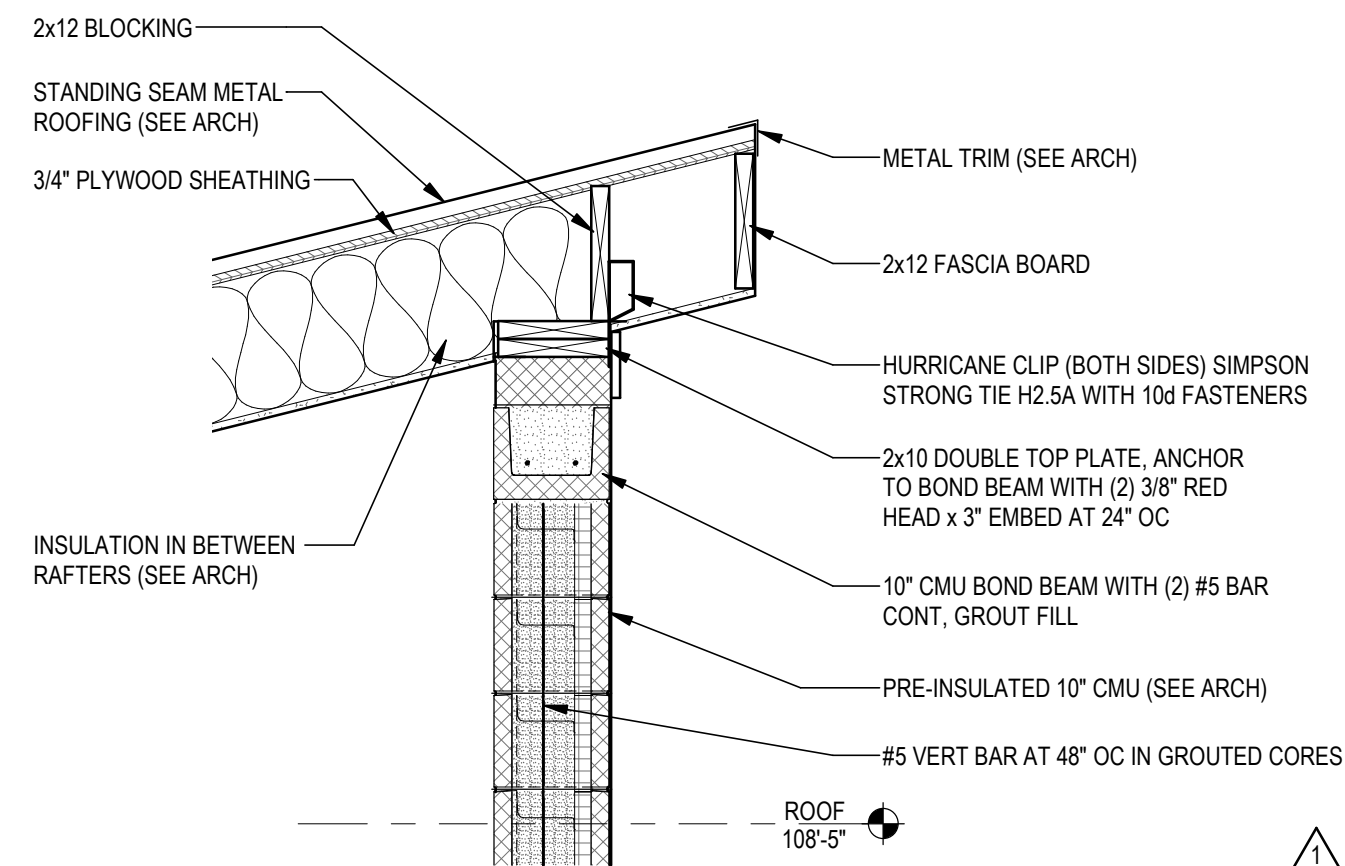
DATE	PROJ NUMBER	ENGARCH	PROJ MGR	CADD	COUNTY	MUNICIPALITY
##	020220080	ES	AV	KB	SHAWASSEE	OWOSSO
CITY OF OWOSSO JUNIPER WELL HOUSE DESIGN SOIL EROSION AND SEDIMENTATION CONTROL PLAN						
C-10						

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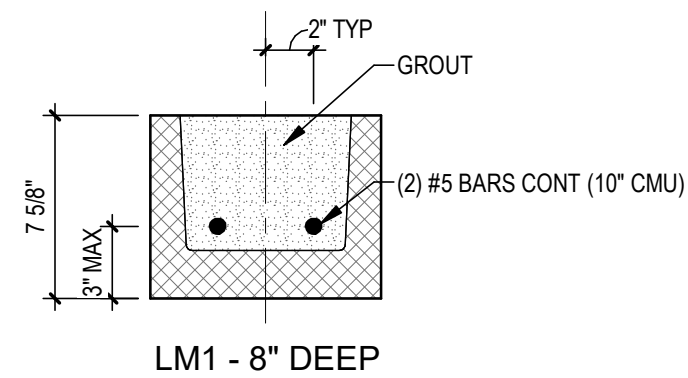




## 9 TYP MASONRY OPENING REINFORCING IN ELEVATION

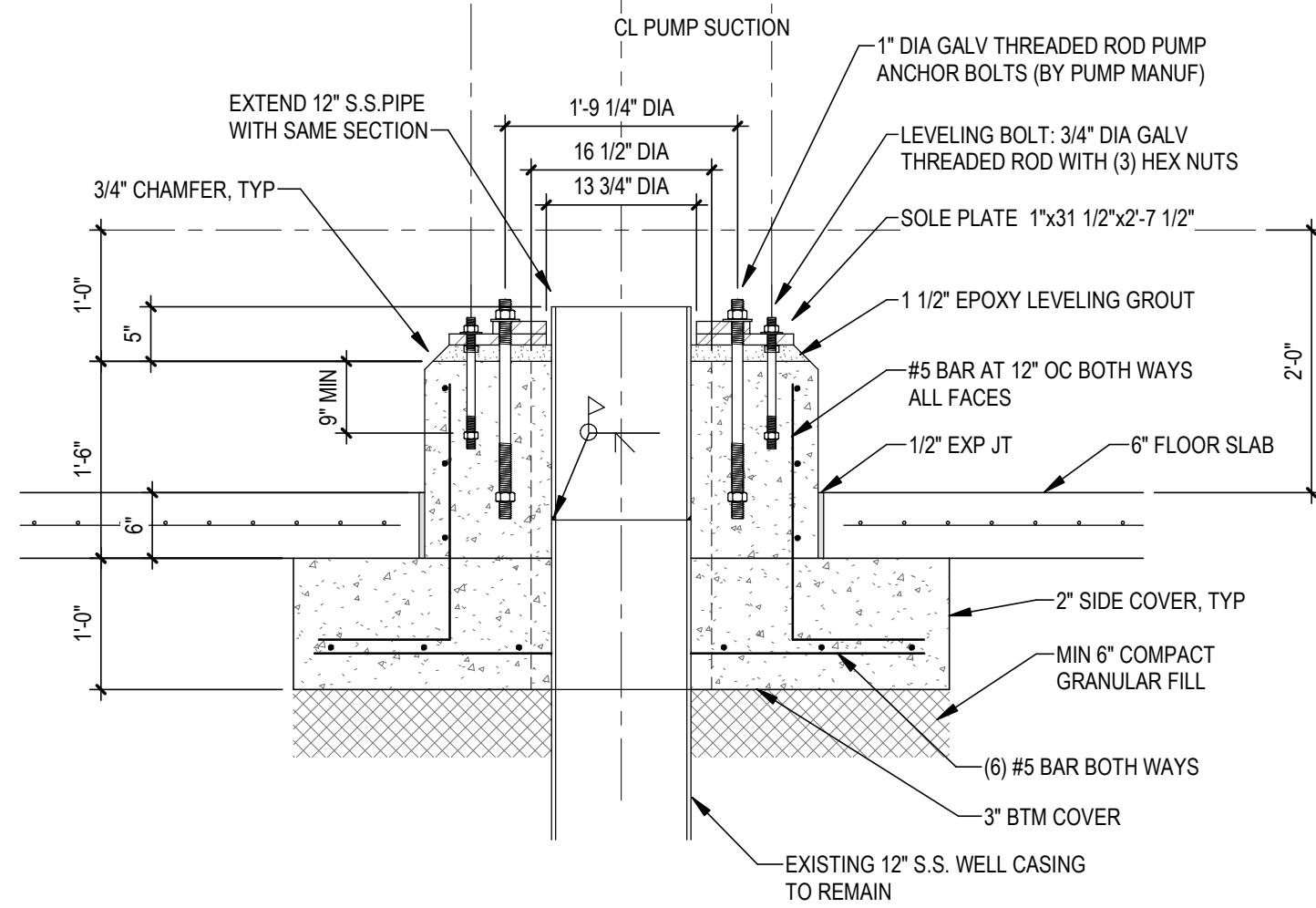
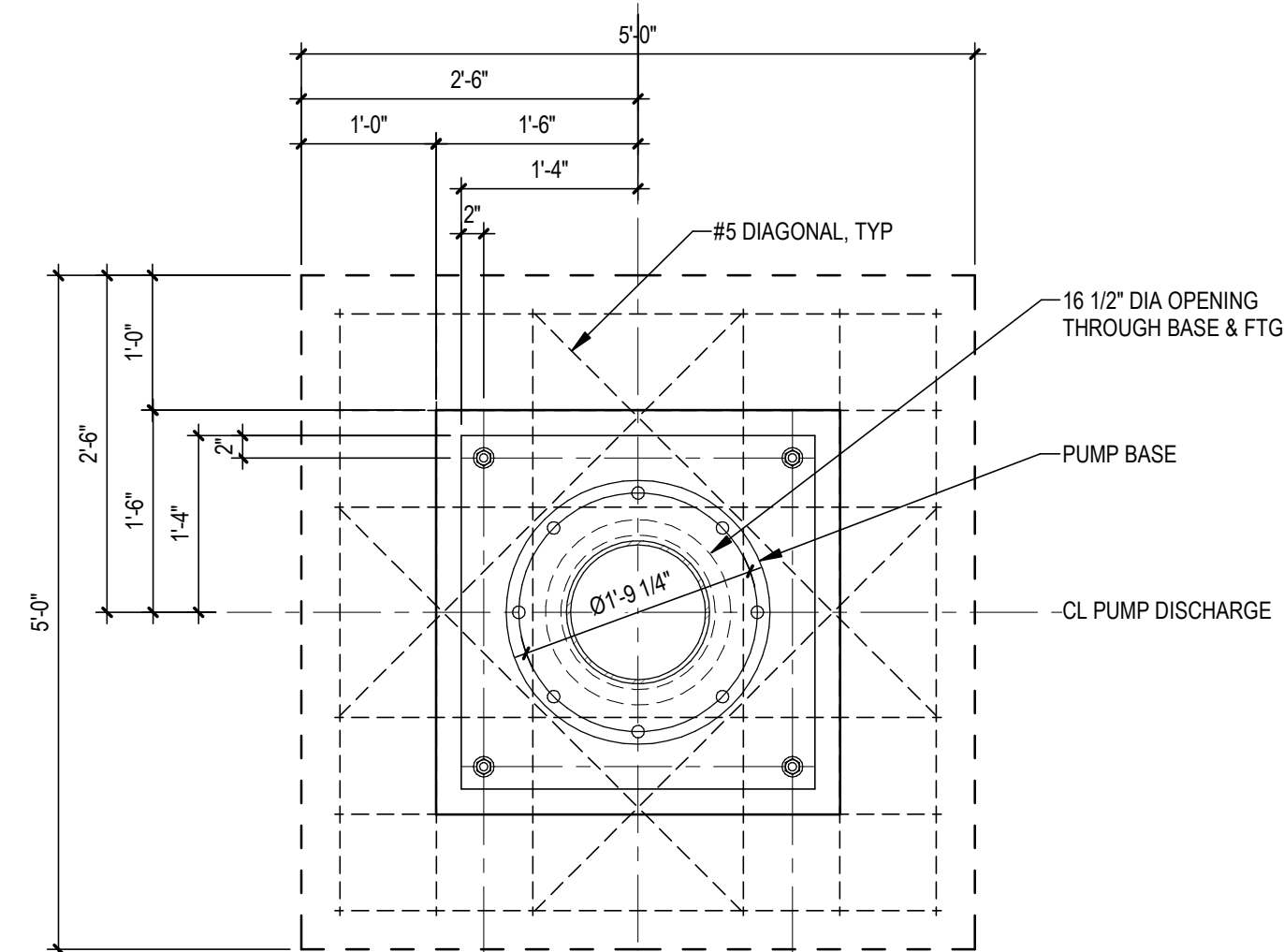


7 TOP OF WALL CONNECTION  
3/4" = 1'-0"

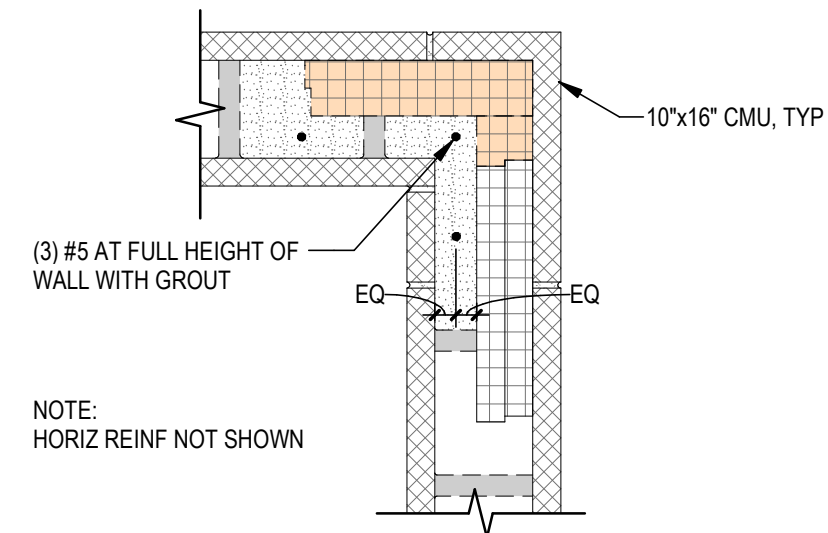


- NOTES:**
1. ALL DOOR & LOUVER OPENINGS IN CMU WALLS TO HAVE LM1 LINTEL.
  2. EXTEND VERTICAL REINFORCING THROUGH LINTELS & BOND BEAMS.

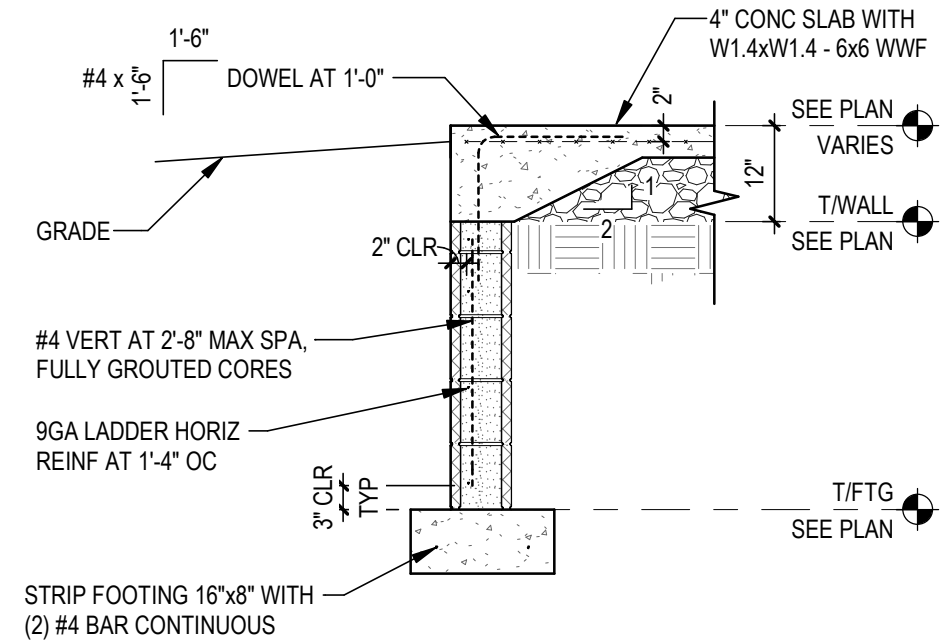
## 6 TYP CMU MASONRY LINTELS



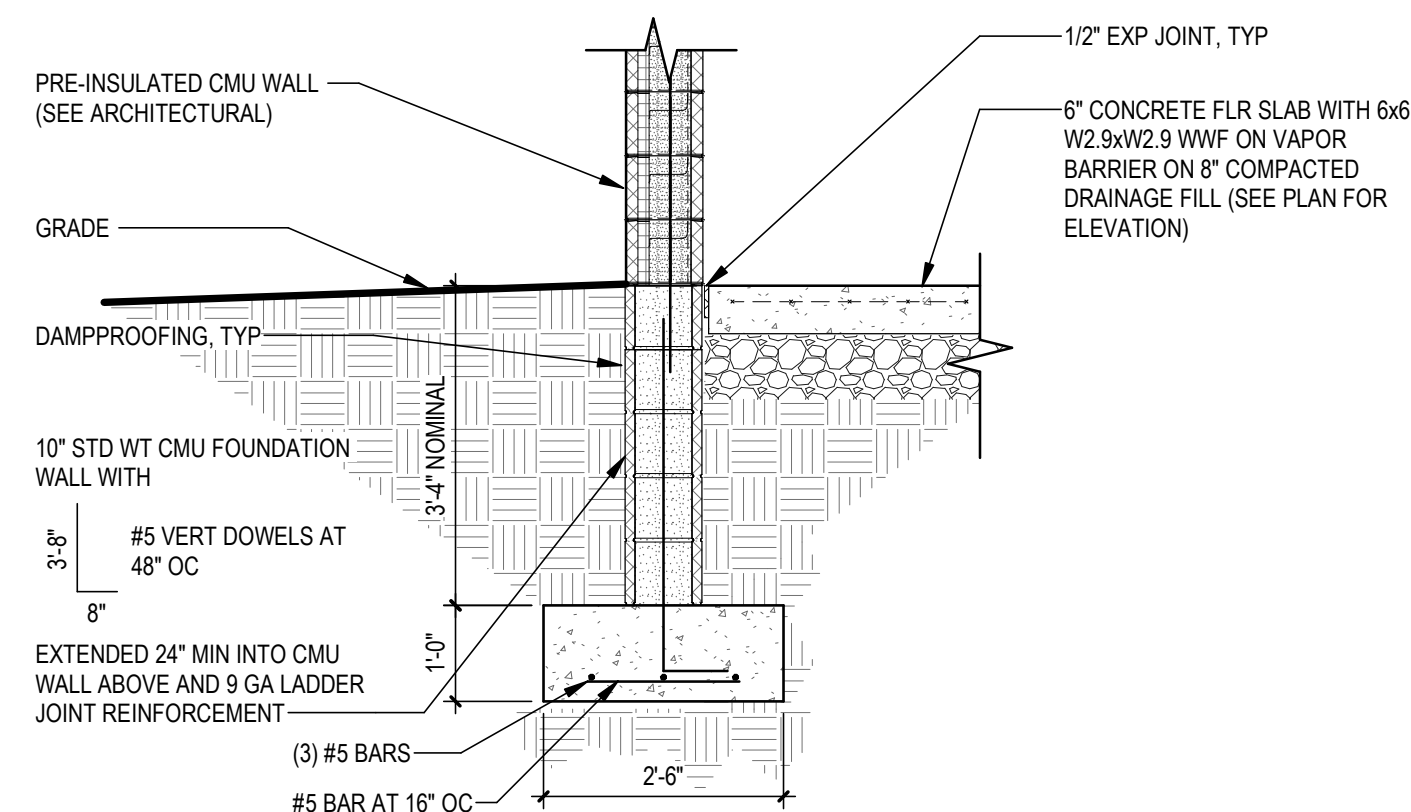
5 PUMP CONCRETE PAD  
3/4" = 1'-0"



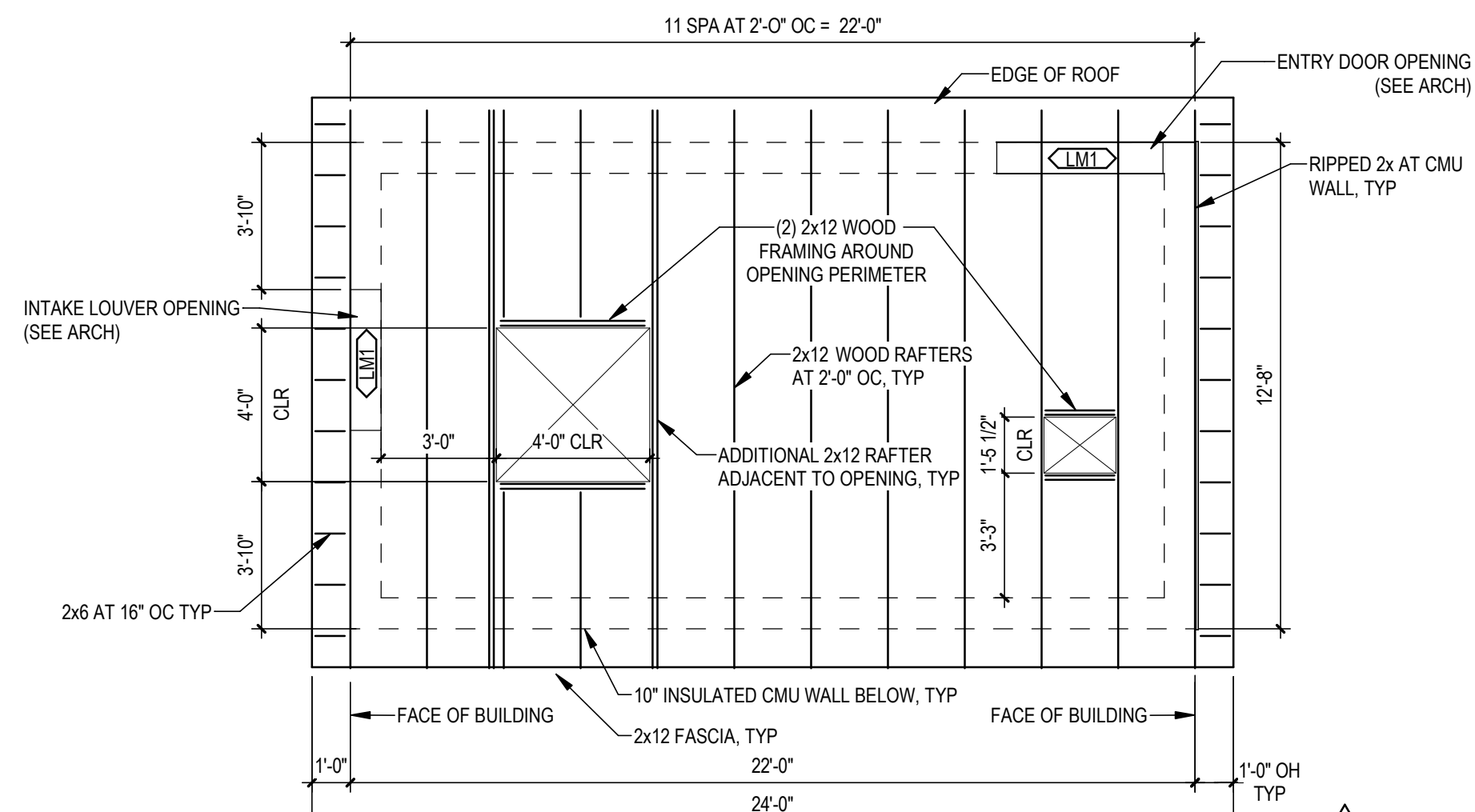
## 8 CMU CORNER REINFORCEMENT



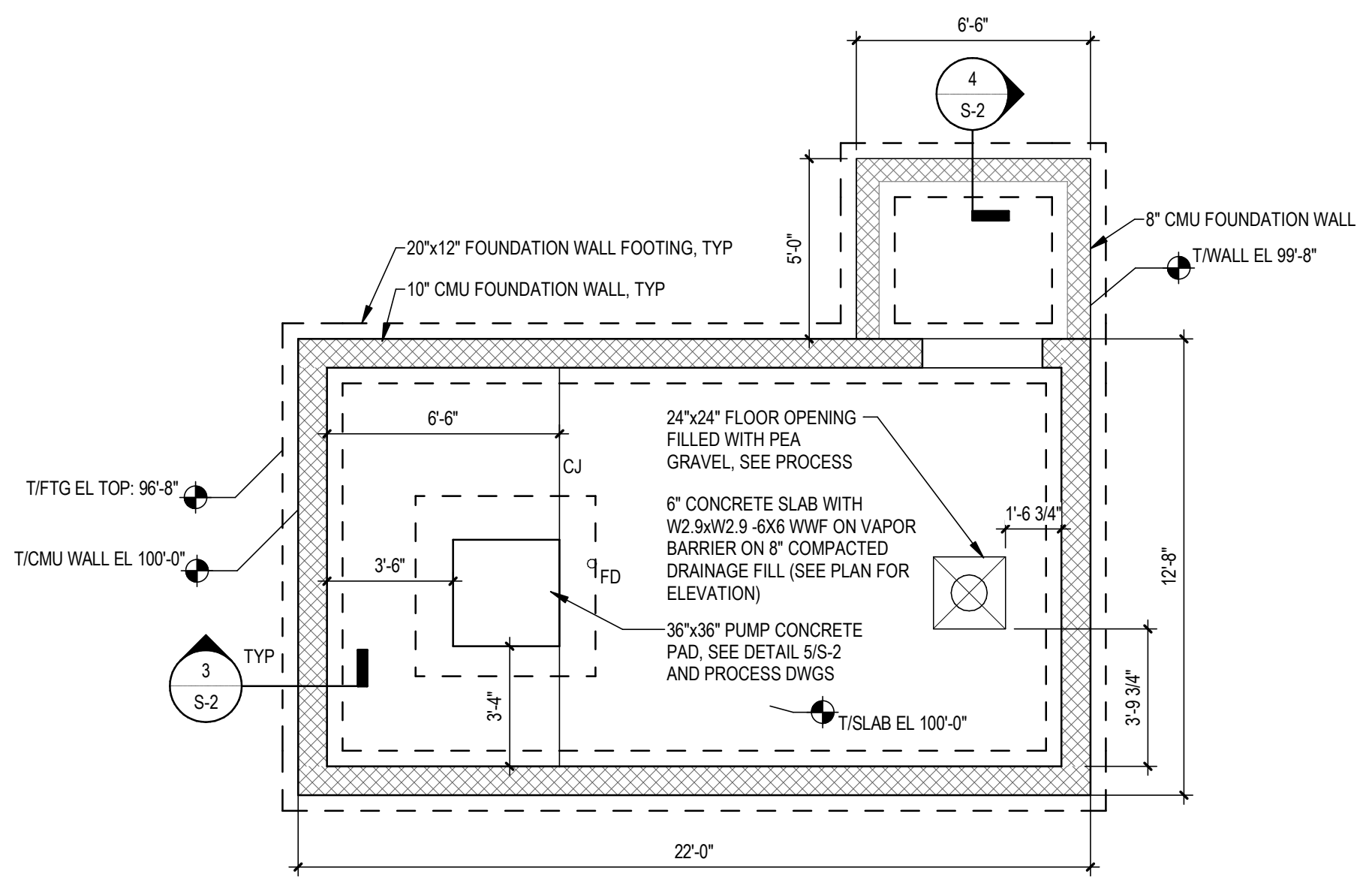
## 4 STOOP FOUNDATION



3 TYP FOUNDATION WALL SECTION  
1/2" = 1'-0"



## 2 ROOF FRAMING PLAN



# 1 FOUNDATION PLAN

ISSUE:	CONFORMED SET	06/13/2023
REVISIONS:		
1	WELLHOUSE LOCATION UPDATE	06/13/2023

**S-2**

SHEET	DATE	PROJ NUMBER	PROJ MGR	COUNTY
	06/13/2023	0020-22-0080	AV	SHAWANSEE

**CITY OF OWOSSO  
JUNIPER WELL HOUSE DESIGN**

Juniper Street  
Owosso, MI 48867

---

**FOUNDATION PLAN, FRAMING PLAN AND DETAILS**



ABBREVIATIONS

SEE LEGENDS ON A-002 FOR ACCESSORY ABBREVIATIONS

A	AND
@	AT
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS

B	
BOT	BOTTOM
BRK	BRICK
BSMT	BASEMENT

C	
CJ	CONTROL JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE

D	
DN	DOWN
DS	DOWNSPOUT

E	
EA	EACH
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EQ	EQUAL
EXST	EXISTING

F	
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FHC	FIRE HOSE CABINET
FO	FACE OF
FRTW	FIRE RETARDANT TREATED WOOD
FSP	FIRE STANDPIPE
FT	FOOT / FEET
FTG	FOOTING

G	
GB	GYPSUM BOARD
GYP	GYPSUM

H	
HD	HEAD
HDW	HARDWARE
HVAC	HEATING-VENTILATING-AIR CONDITIONING
HW	HOT WATER

ABBREVIATIONS

SEE LEGENDS ON A-002 FOR ACCESSORY ABBREVIATIONS

I	
IN	INCH / INCHES
L	
LB	POUND
LDG	LANDING LEVEL

M	
MAX	MAXIMUM
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING

N	
NA	NOT APPLICABLE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
No.	NUMBER
NTS	NOT TO SCALE

O	
OC	ON CENTER
OPP	OPPOSITE
OPP HND	OPPOSITE HAND

P	
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH

Q	
QTY	QUANTITY

R	
R	RISER
RD	ROOF DRAIN
RO	ROUGH OPENING

S	
SAB	SOUND ATTENUATION BLANKET INSULATION
SD	SMOKE DETECTOR
SF	SQUARE FOOT
SIM	SIMILAR
SQ IN	SQUARE INCH

T	
T	TREAD
T&B	TOP & BOTTOM
TYP	TYPICAL

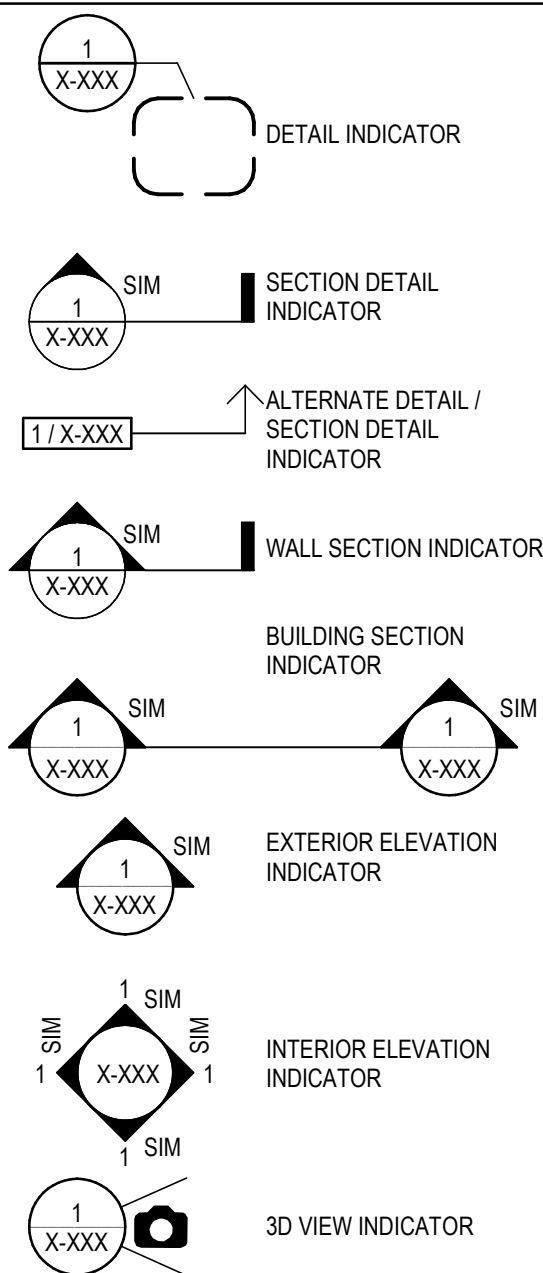
U	
UNO	UNLESS NOTED OTHERWISE

V	
VIF	VERIFY IN FIELD

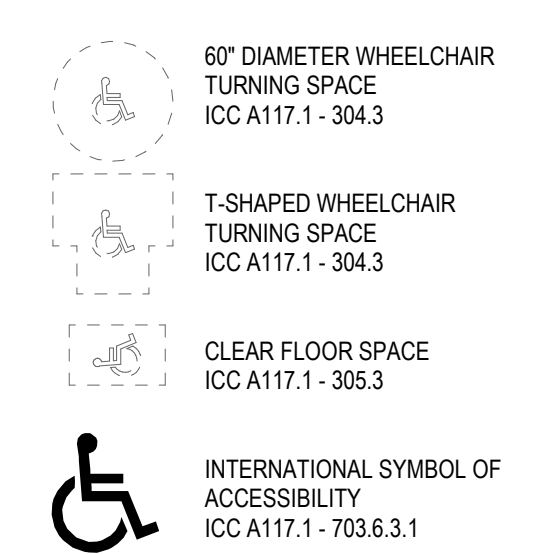
W	
WI	WITH
W/O	WITHOUT
WWF	WELDED WIRE FABRIC

ARCHITECTURAL SYMBOLS LEGEND

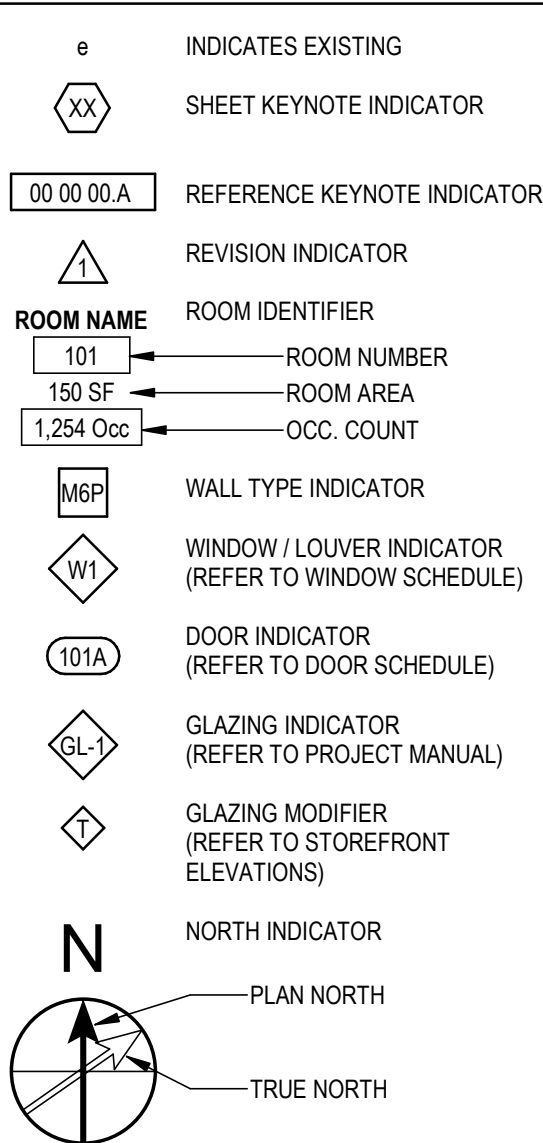
VIEW REFERENCES



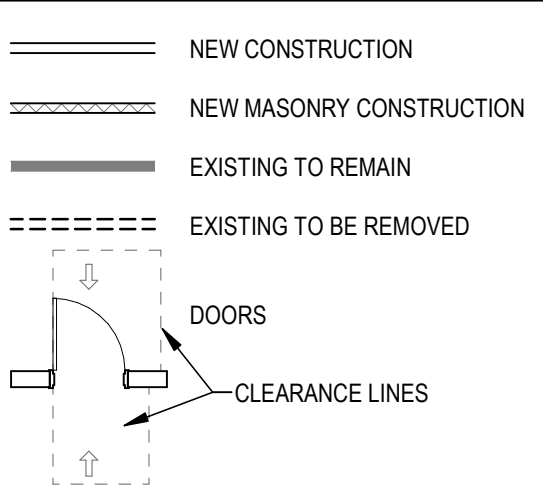
ACCESSIBILITY



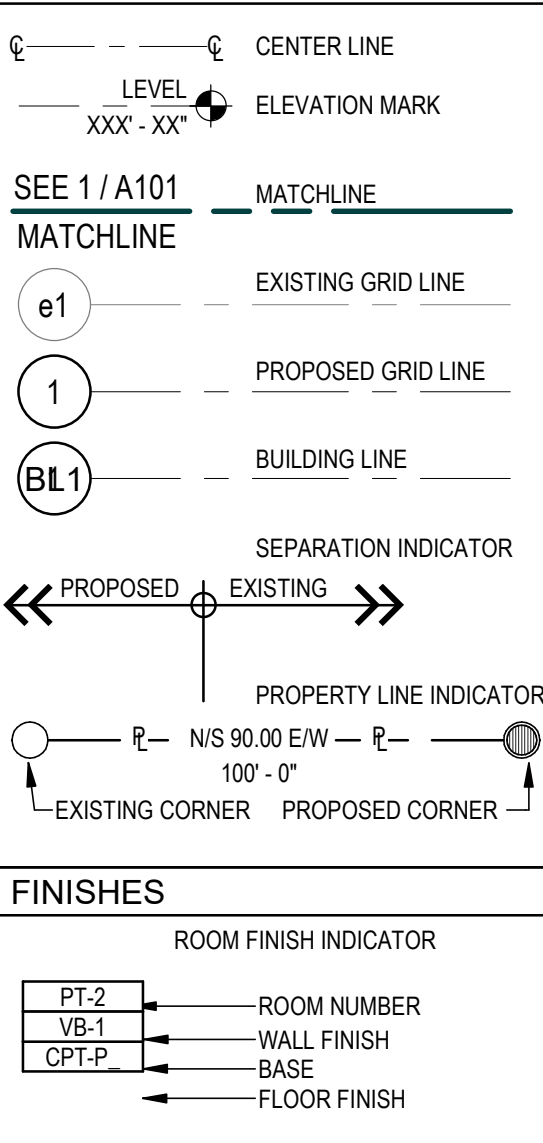
NOTES & ANNOTATIONS



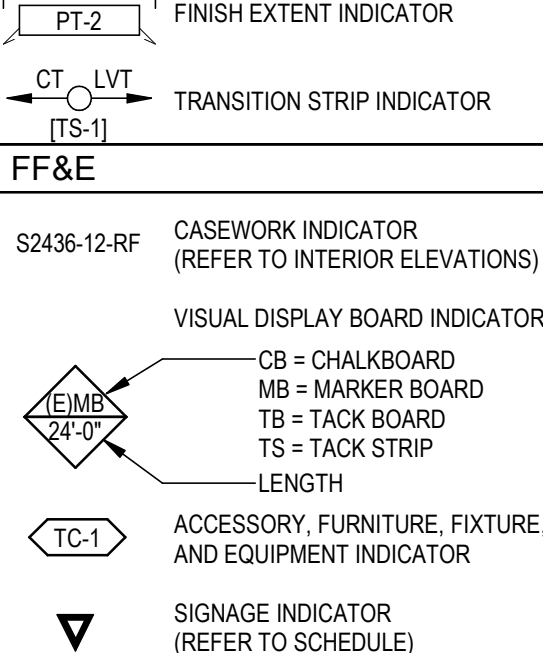
BUILDING ELEMENTS



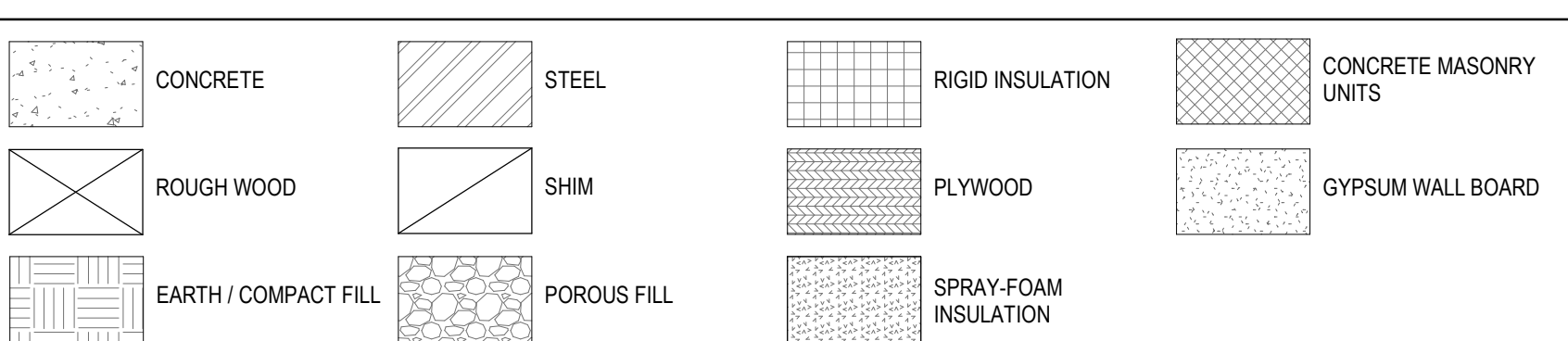
INDICATOR LINES



FINISHES



MATERIAL SYMBOL LEGEND



GENERAL NOTES - ARCHITECTURAL

- DO NOT SCALE DRAWINGS. IF DIMENSIONS CANNOT BE DETERMINED OR DOCUMENTS ARE IN CONFLICT, THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO CONTINUATION OF WORK
- ALL WALL DIMENSIONS ARE TO FACE OF STUD OR MASONRY, UNO.
- FIELD VERIFY ALL PROJECT CONDITIONS PRIOR TO THE START OF WORK, AND AS NEEDED THROUGHOUT THE DURATION OF CONSTRUCTION. BRING ANY DISCREPANCIES WHICH MAY SIGNIFICANTLY AFFECT NEW CONSTRUCTION WORK TO THE ATTENTION OF THE ARCHITECT FOR REVIEW
- ALL WOOD BLOCKING AND BACKING SHALL BE FIRE-RETARDANT TREATED, UNO
- INFORMATION SHOWN IN ONE LOCATION ON THE DRAWINGS IS THE SAME AS IF SHOWN ON MULTIPLE LOCATIONS
- TYPICAL CONDITIONS ARE NOTED ONLY ONCE
- COORDINATE OPENINGS AND PENETRATIONS BETWEEN TRADES
- FLOORS MUST BE MADE LEVEL TO NO LESS THAN 1/8" IN 10', USING A 10' STRAIGHTEDGE
- PROVIDE REQUIRED FILLERS, SEALANT, OR TRIM AS NECESSARY TO CLOSE GAPS BETWEEN ADJACENT MATERIALS

Summary of Governing Regulations

Jurisdiction	City	County	State	Remarks
Code-Enforcement	Owosso Township	Shiawassee	Michigan	-
Zoning	Owosso Township			
State Fire Marshal Review	No			
Code	Title	Edition	Local Amendment (Y/N)	
Building Code	Michigan Building Code	2015	No	-
Mechanical Code	Michigan Mechanical Code	2015	No	-
Electrical Code	National Electric Code (NFPA 70)	2017	No	-
Plumbing Code	Michigan Plumbing Code	2018	No	-
Fire Prevention Code	International Fire Code	2015	No	-
Energy Code	Michigan Uniform Energy Code	2015	No	-
Fuel Gas Code	International Fuel Gas Code	2015	No	-

General Building Summary

Project Description  
Insulated architectural concrete masonry well house with single slope standing seam metal roof. to house new municipal Juniper 1 water pump.

Project Summary

Use & Occupancy Classification	U	Remarks
[Chapter 3]		
[Chapter 5]	General Building Heights & Areas	Allowed: Actual:
[Table 504.3]	Height:	40'-0" 13'-3" -
[Table 504.4]	Stories:	1 1 -
[Section 505]	Mezzanine:	No -
[Section 505.3]	Equipment Platform:	No -
[Section 506.1.3]	Basement:	No -
[Table 506.2]	Area:	5,500 SF 279 SF -
[Chapter 6]	Types of Construction	VB -
[Chapter 7]	Fire & Smoke Protection Features	N/A -

Energy Efficiency

Climate Zone	Space Category	Compliance Path
[Table B1-1]	5 [Section 5.1.2] Nonresidential	[Section 5.2] Trade-Off Option

GENERAL NOTES - FLOOR PLAN

- FIRST FLOOR REFERENCE ELEVATION 100'-0" = 746.00'
- DO NOT SCALE DRAWINGS. IF DIMENSIONS CANNOT BE DETERMINED OR DOCUMENTS ARE IN CONFLICT, THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO CONTINUATION OF WORK
- ALL MASONRY DIMENSIONS ARE NOMINAL, UNO

GENERAL NOTES - REF. CEILING PLAN

- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF CEILING MOUNTED FIXTURES / DEVICES
- REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILINGS ARE REQUIRED OR INDICATED
- REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE SCHEDULE
- REFER TO MECHANICAL DRAWINGS FOR DIFFUSER FIXTURE SCHEDULE

GENERAL NOTES - ROOF PLAN

- COORDINATE PENETRATIONS AND ROOF MOUNTED EQUIPMENT WITH MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL DRAWINGS
- ALL ROOF PENETRATIONS SHALL BE SEALED WITH APPROPRIATE MATERIAL
- ALL EXPOSED METAL ELEMENTS TO BE PRE-FINISHED, COLOR AS SELECTED BY ARCHITECT
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON FINISHES & INSTALLATION REQUIREMENTS

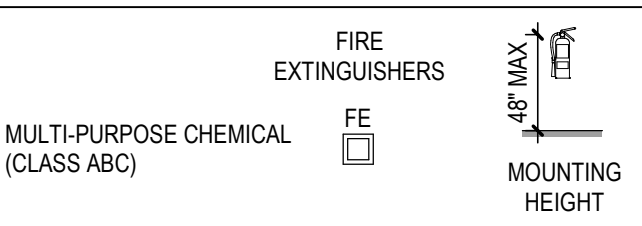
SHEET KEYNOTES

Key Value	Keynote Text
AC.1	CLEAR OPENING OF HATCH OVERHEAD
AC.2	REFER TO MECHANICAL
AE.1	PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT; PROVIDE SPLASHBLOCK
AE.2	48"x48" EQUIPMENT HATCH
AE.4	EXHAUST FAN; REF: MECHANICAL
AE.6	VENT PIPE; REF: MECH/PLUMBING
AP.1	WELL AND PIPING; REF: PROCESS PLANS
AP.2	24"x24" FLOOR PENETRATION, FILLED W/MIN 1'-0" DEPTH PEA GRAVEL
AP.3	LINE OF CLEAR VERTICAL LIFT EQUIPMENT HATCH ABOVE
AP.4	CONCRETE PEDESTAL; REF: STRUCTURAL
AP.5	LOUVER; REF: MECHANICAL
AP.6	FLOOR DRAIN; REF: MECHANICAL

CODE PLAN LEGEND

ROOM NAME	ROOM NAME ROOM NUMBER NUMBER OF OCCUPANTS
101 1,254 Occ	
XXX CALCULATED XXX CAPACITY	CALCULATED OCCUPANT LOAD AT EGRESS COMPONENT CAPACITY OF EGRESS COMPONENT  TRAVEL DISTANCE TO NEAREST EXIT  PATH OF EGRESS TRAVEL TRAVEL DISTANCE TO EXITS = 300 FT MAX COMMON PATH OF TRAVEL = 75' MAX DEAD ENDS = 20' MAX

PORTABLE FIRE EXTINGUISHERS

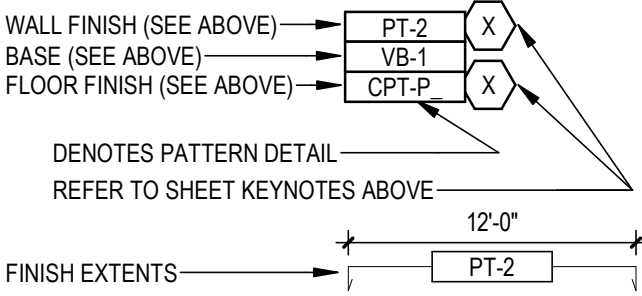


FINISH PLAN LEGEND

ROOM FINISH INDICATOR

ROOM NAME AND NUMBER PLUS GENERAL ROOM FINISH INFORMATION. FINISH TAGS SHALL APPLY TO ALL LIKE MATERIALS WITHIN A ROOM (UNO).

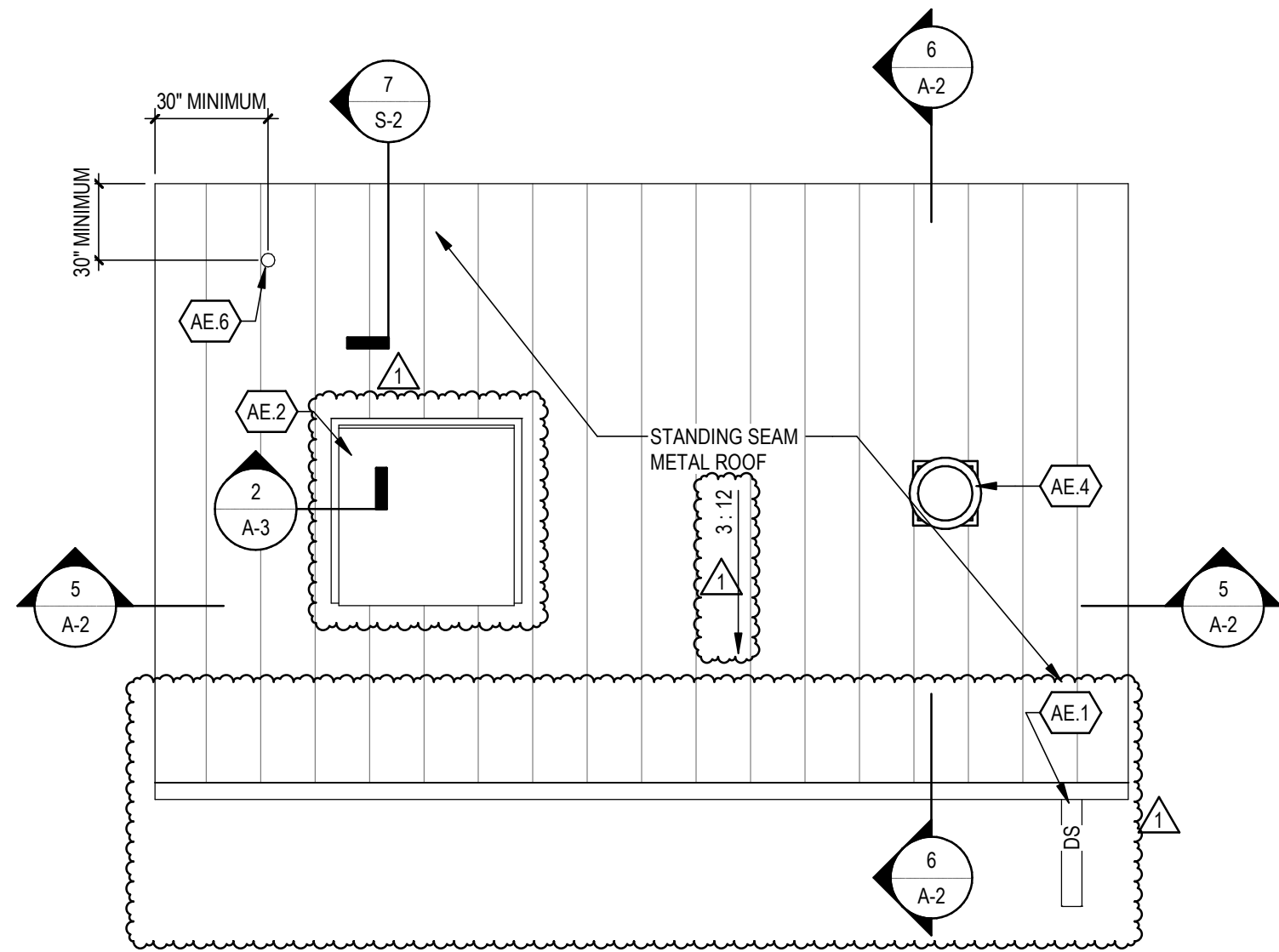
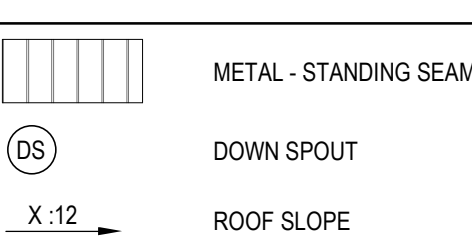
FINISH LEGEND  
FINISH LEGEND IS GENERAL. REFER TO SPECIFICATIONS FOR SPECIFIC FINISH INFORMATION. MULTIPLE FINISH TYPES ARE DENOTED BY NUMBER FOLLOWING ABBREVIATION.



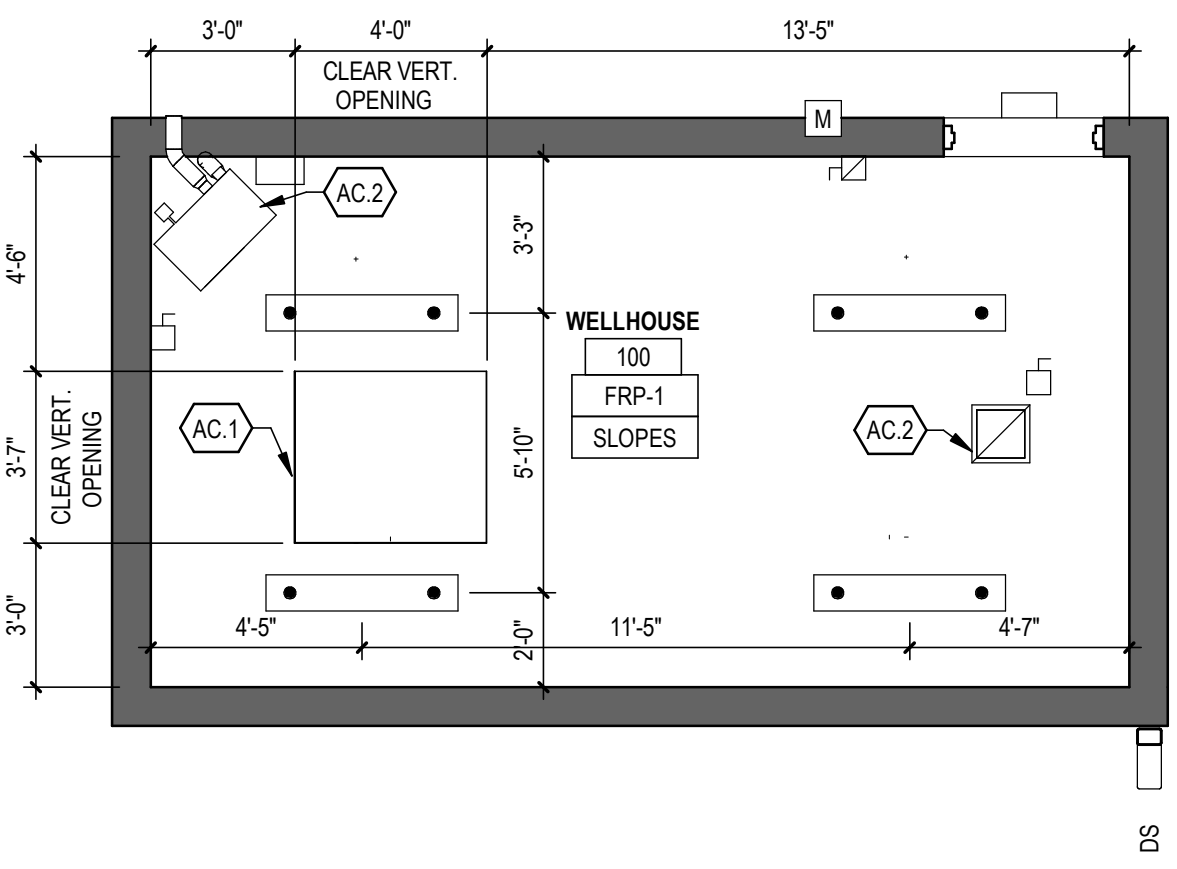
REFLECTED CEILING PLAN LEGEND

CEILING TYPES (REFER TO ELECTRICAL DRAWINGS)	LIGHT FIXTURES (REFER TO ELECTRICAL DRAWINGS)
CA-1 X'-X" CEILING TYPE CEILING ELEVATION	(INT.) (EXT.) WALL MOUNT INTERIOR EMERGENCY WALL PACK EXIT SIGN (WALL) (CEILING)

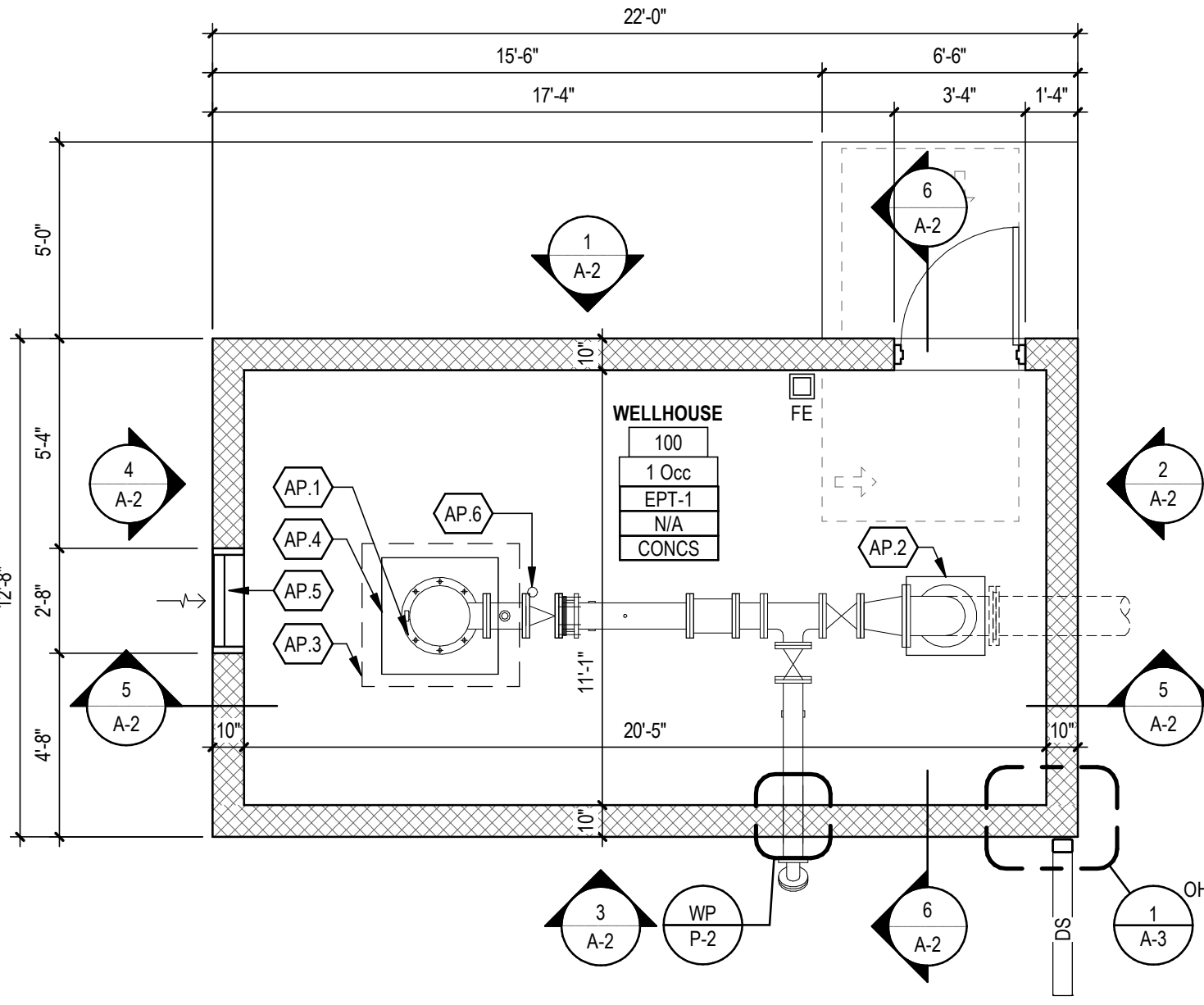
ROOF LEGEND



3 ROOF PLAN  
1/4" = 1'-0"

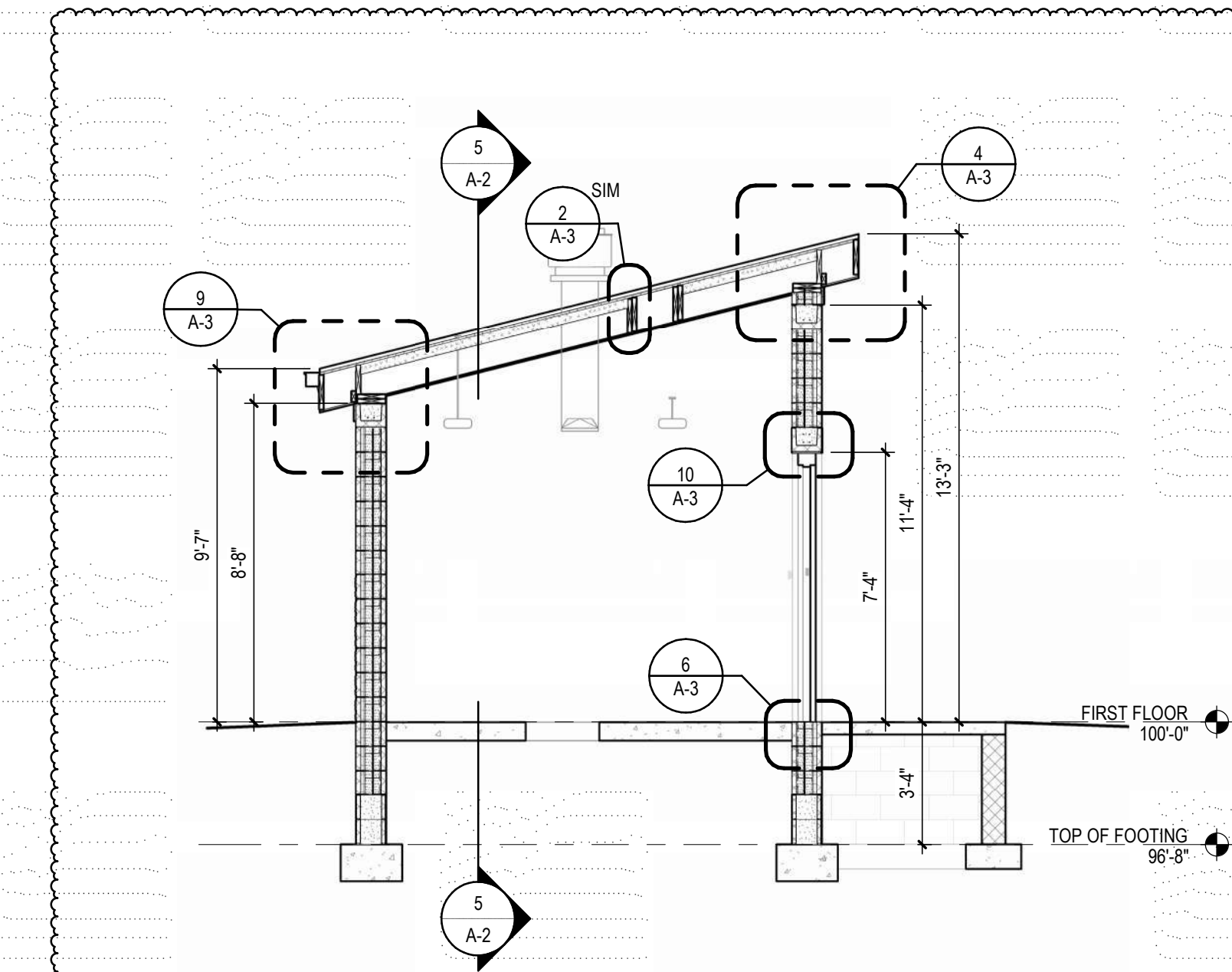


2 REFLECTED CEILING PLAN  
1/4" = 1'-0"

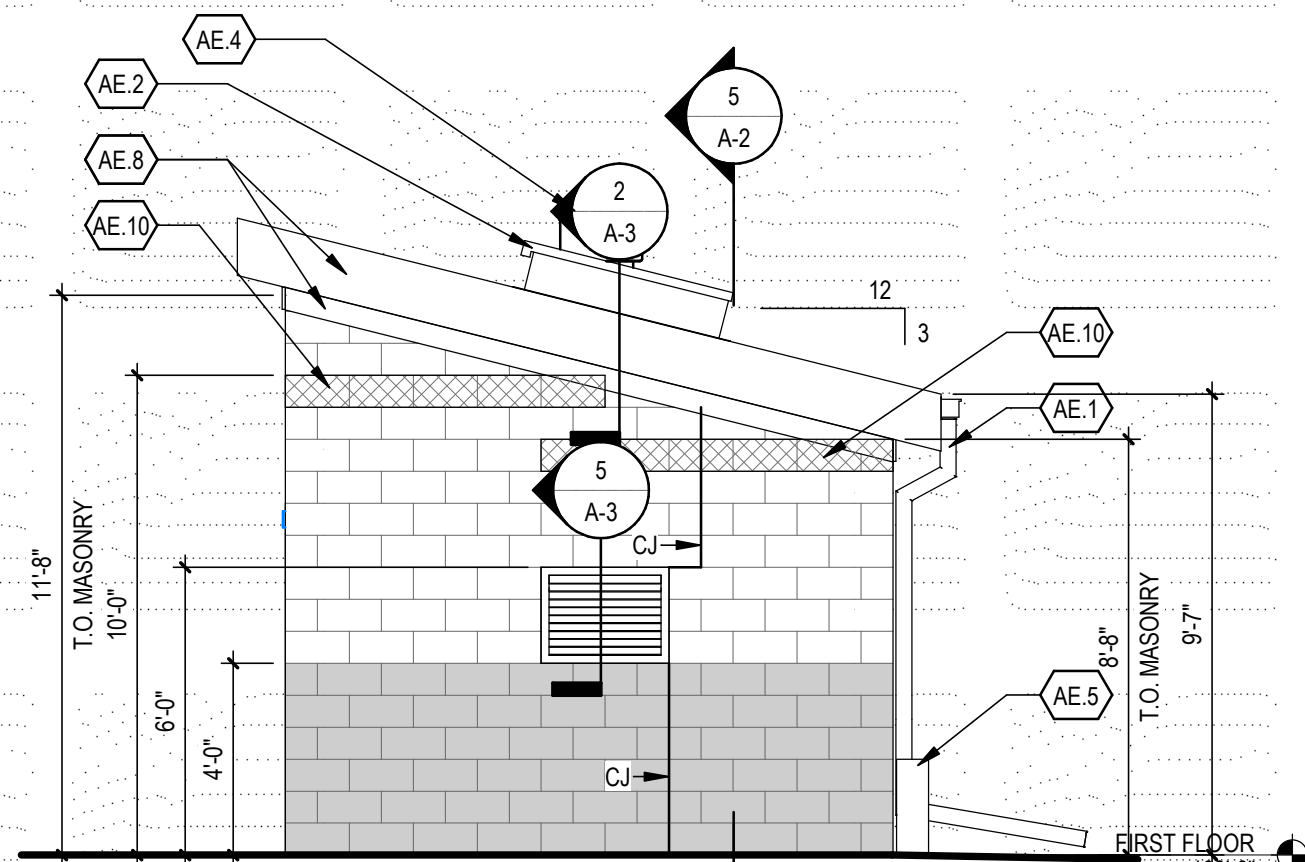


1 FLOOR PLAN  
1/4" = 1'-0"

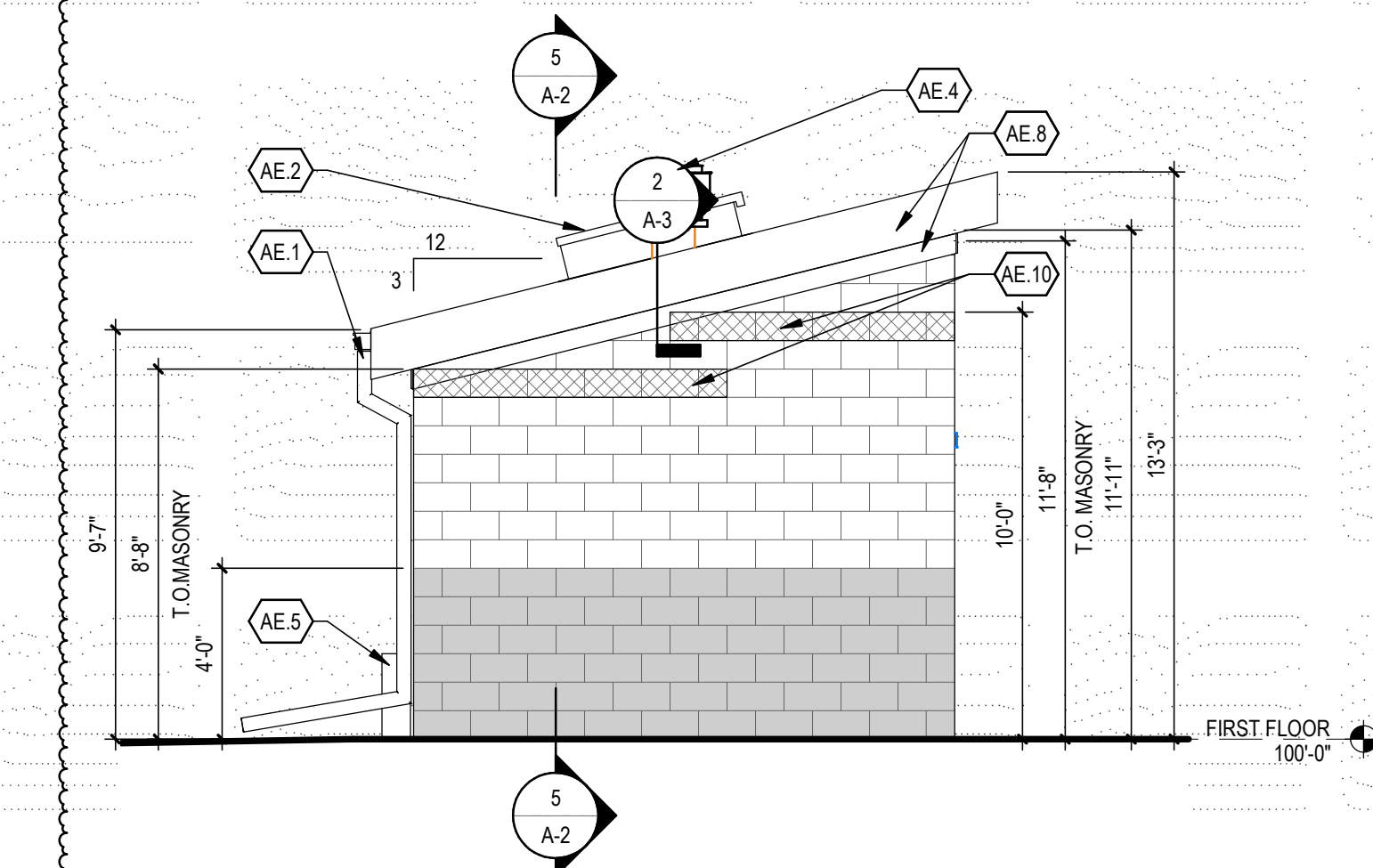




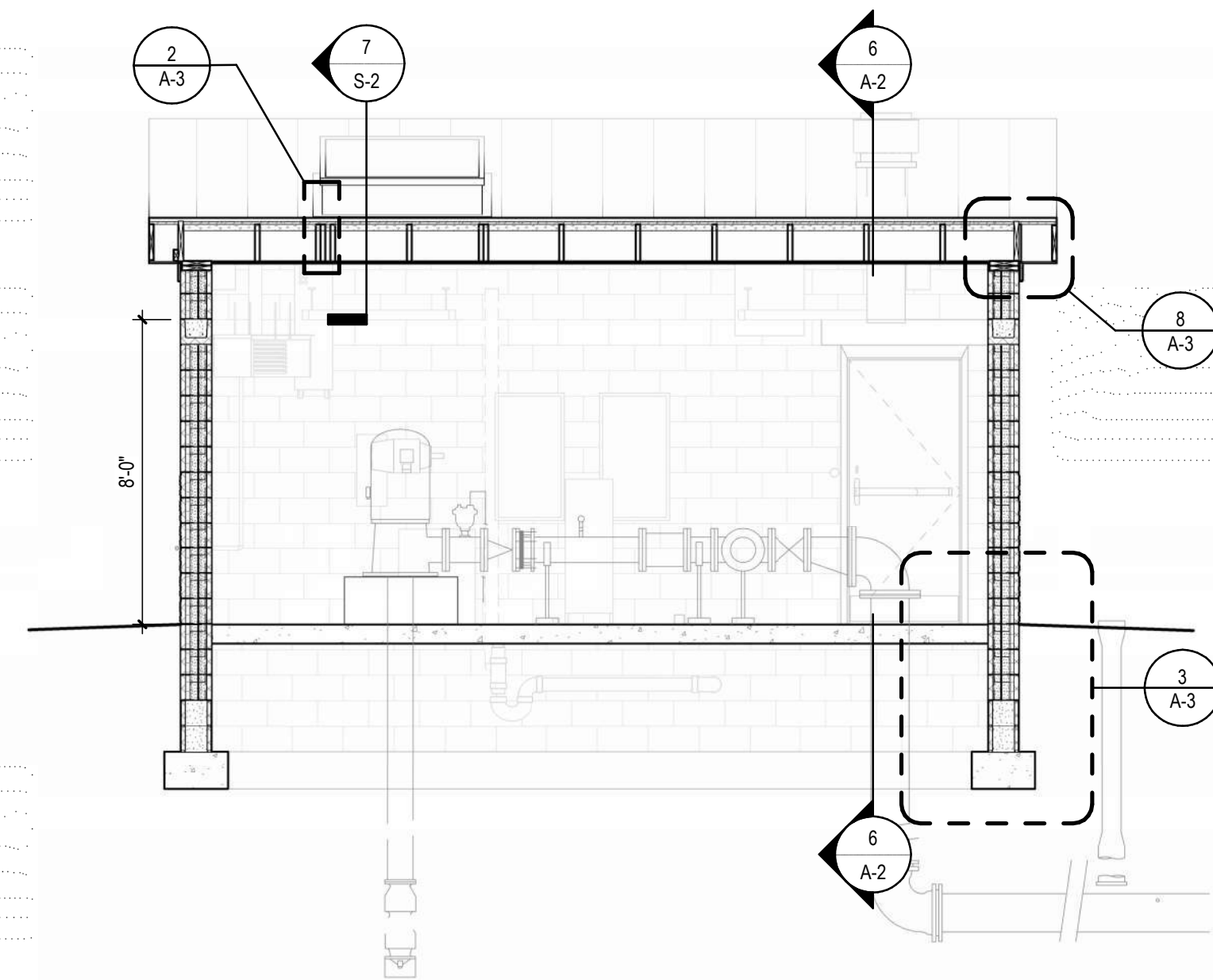
## 6 BUILDING SECTION



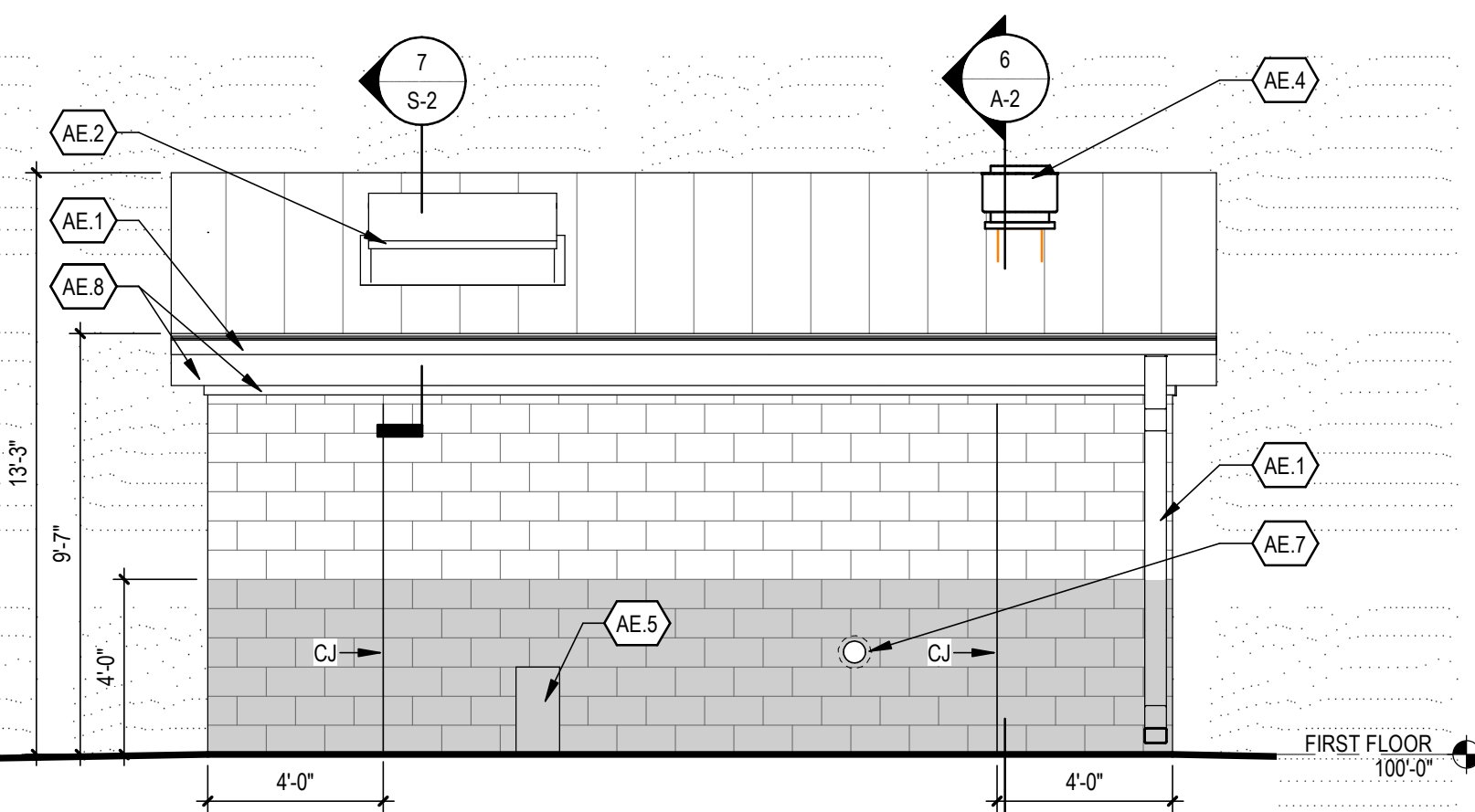
4 WEST ELEVATION



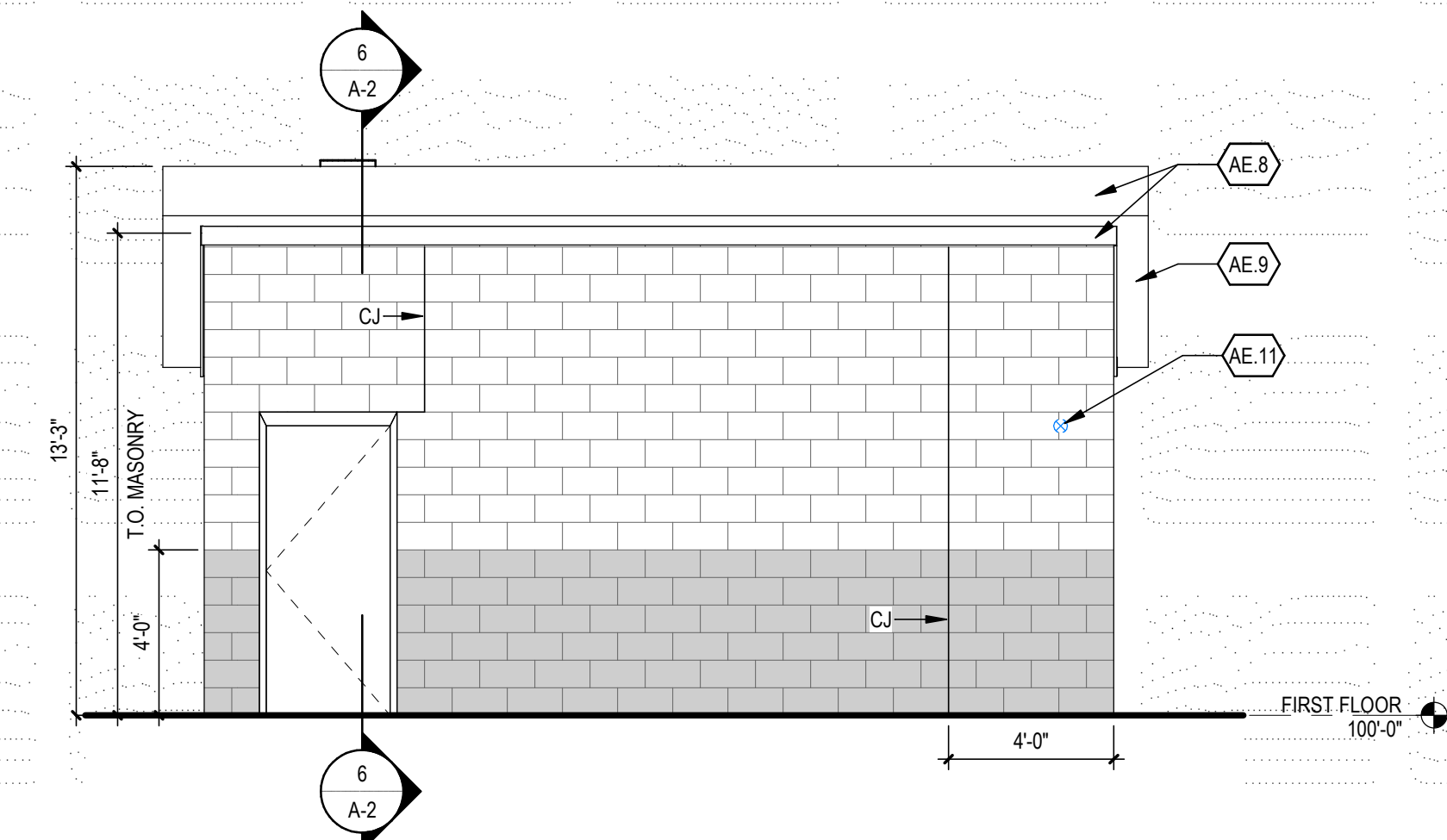
2 EAST ELEVATION  
1/4" = 1'-0"



**5 BUILDING SECTION**  
1/4" = 1'-0"



3 SOUTH ELEVATION  
1/4" = 1'-0"



1 NORTH ELEVATION  
1/4" = 1'-0"

## GENERAL NOTES - ELEVATIONS

1. ALL PENETRATIONS SHALL BE SEALED WITH APPROPRIATE MATERIAL
2. ALL EXPOSED METAL ELEMENTS TO BE PRE-FINISHED; COLOR AS SELECTED BY ARCHITECT
3. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION ON FINISHES & INSTALLATION REQUIREMENTS

## XX.## SHEET KEYNOTES

AE.1	PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT; PROVIDE SPLASHBLOCK
AE.2	48"x48" EQUIPMENT HATCH
AE.4	EXHAUST FAN; REF: MECHANICAL
AE.5	GAS SERVICE; REF: MECHANICAL
AE.7	PROCESS PIPING; REF: PROCESS PLANS AND ELEVATIONS
AE.8	PRE-FINISHED ALUMINUM WRAPPED WOOD FASCIA
AE.9	PRE-FINISHED ALUMINUM WRAPPED WOOD SOFFIT
AE.10	CROSSHATCHING INDICATES LOCATION OF BOND BEAM IN ANGLED WALL, GROUT WALL ABOVE SOLID. REF: STRUCTURAL
AE.11	VENT; REF: MECHANICAL



ISSUE:	CONFORMED SET	06/13/2023
REVISONS:		
1	WELLHOUSE LOCATION UPDATE	06/13/2023

DATE	PROJ NUMBER	PROJ MGR	COUNTY
6/13/2023	0020-22-0080	AV	SHAWASSEE

CITY OF OWASSO

JUNIPER WELL HOUSE DESIGN

Juniper Street  
Owosso, MI 48867

WELLHOUSE ELEVATIONS AND SECTIONS

# A-2

## FINISH SELECTION LEGEND

**STANDING SEAM METAL ROOF**  
 ATAS, 1-1/2" FIELD LOCK, 16" WIDTH, COLOR AS SELECTED BY ARCHITECT

**ALUMINUM WRAPPED SOFFITS AND FASCIAS**  
 COLOR AS SELECTED BY ARCHITECT

**SMOOTH FACE CMU**  
 CONCRETE PRODUCTS GROUP, 10"x8"x16" HI-R INSULATED MASONRY UNITS, COLOR AS SELECTED BY ARCHITECT

**SPLIT FACE CMU**  
 CONCRETE PRODUCTS GROUP, 10"x8"x16" HI-R INSULATED MASONRY UNITS, COLOR AS SELECTED BY ARCHITECT

**FIBERGLASS REINFORCED DOORS AND FRAMES**  
 SPECIAL-LITE AF-220 SANDSTONE TEXTURED, FLUSH PANEL, EPS CORE, COLOR AS SELECTED BY ARCHITECT  
 SPECIAL-LITE AF-250, COLOR AS SELECTED BY ARCHITECT

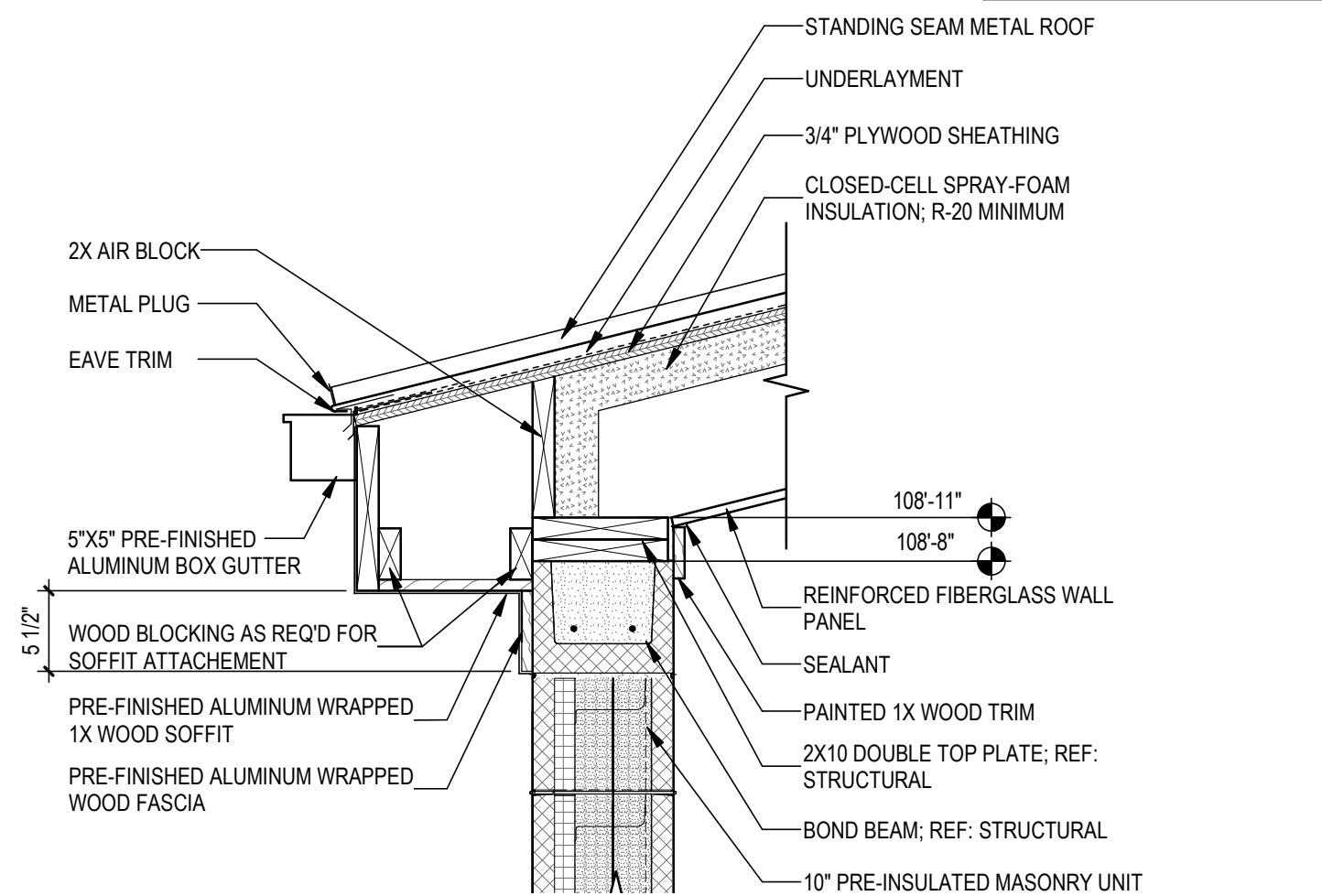


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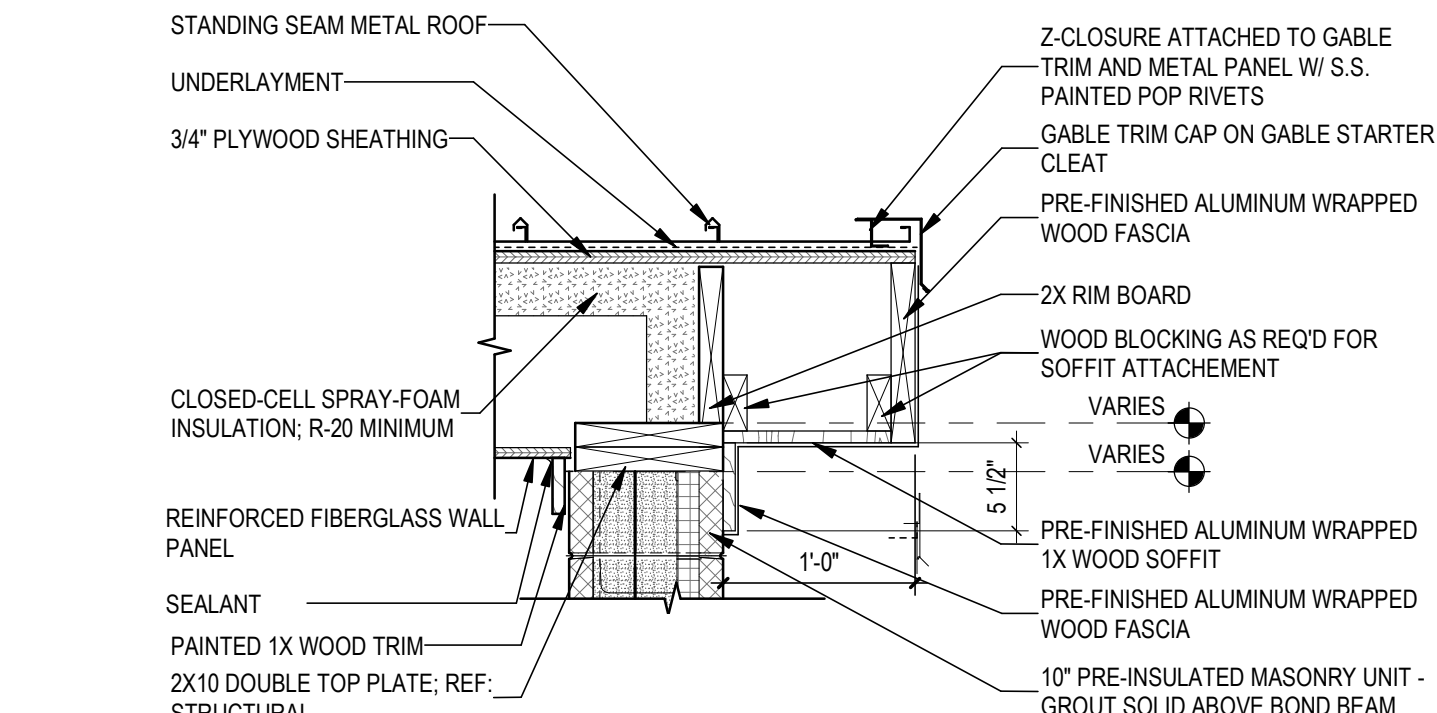
PN: 363/02023-22-0300 Juniper 1 Wellhouse/020220300\_A\_Juniper/Wellhouse\_2021\_CEN.rvt

2023-06-14 10:56:07

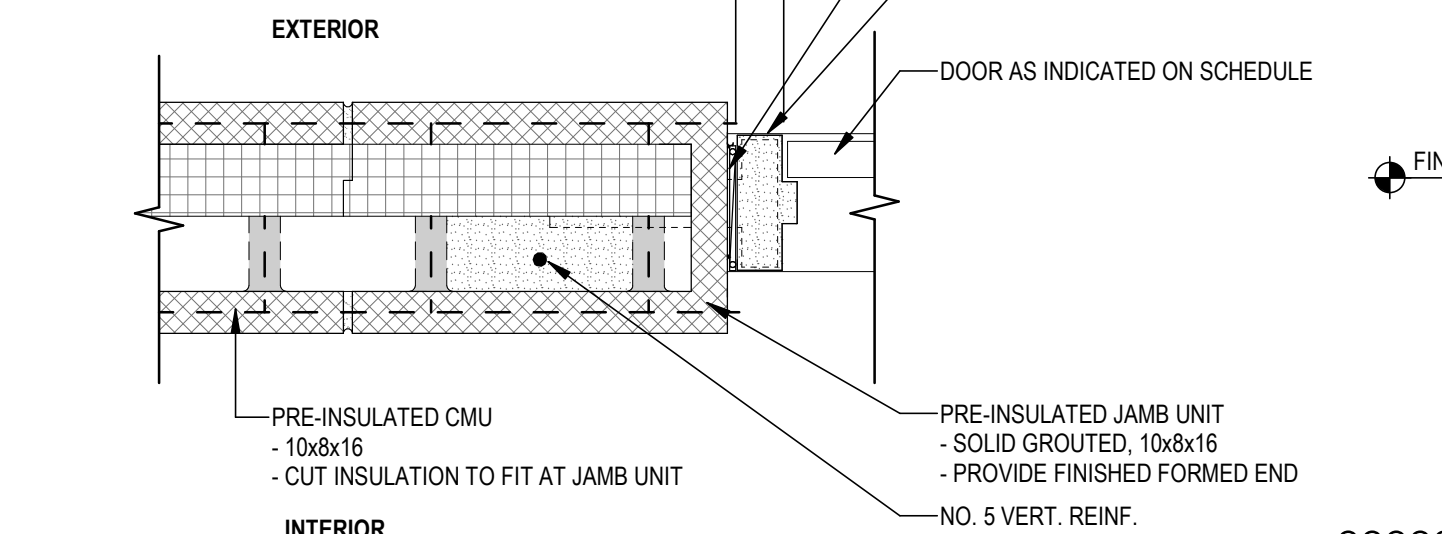
DOOR TYPES		DOOR FRAME TYPES		DOOR SCHEDULE																
<div><div></div><div>F</div></div>		<div><div><div><div></div><div>2'</div><div>SEE SCHEDULE</div><div>2'</div></div><div><div></div><div>F2</div></div></div></div>		<div>SCHEDULE KEY:</div> <div><div>MARK: AS SPECIFIED ON FLOOR PLANS</div><div>TYPE: REFER TO LEGENDS ON THIS SHEET</div><div>DOOR MATERIAL: AL ALUMINUM CW CLAD WOOD EXST EXISTING TO REMAIN FG FIBERGLASS PVC POLYVINYL CHLORIDE ST STEEL VL VINYL WD WOOD</div><div>FRAME MATERIAL: AL ALUMINUM CW CLAD WOOD EXST EXISTING TO REMAIN FG FIBERGLASS HM HOLLOW METAL PVC POLYVINYL CHLORIDE ST STEEL VL VINYL WD WOOD</div><div>DOOR / FRAME FINISH: EXST EXISTING TO REMAIN PF PRE-FINISHED PTD PAINTED STN STAINED</div><div>GLAZING TYPE: GL-1 SINGLE PANE, CLEAR GL-2 DOUBLE PANE, CLEAR GL-3 DOUBLE PANE, GRAY</div><div>DETAIL: REFER TO DETAILS AS INDICATED</div><div>FIRE RATING: IN MINUTES</div><div>HARDWARE SET: REFER TO PROJECT MANUAL DIVISION 08 FOR HARDWARE SCHEDULE</div></div> <div>SCHEDULE NOTES: 1.</div>																
REV	MARK	SIZE			NO. OF LEAFS	DOOR			FRAME				GLAZING TYPE	DETAIL			FIRE RATING		HDW	NOTES
		WIDTH	HEIGHT	THICK.		TYPE	MAT'L	FINISH	TYPE	MAT'L	FINISH	DEPTH		HEAD	JAMB	THRSH	WALL	LBL.		
	102	3'-0"	7'-0"	1 3/4"	1	F	FG	PF	F2	FG	PF	5 3/4"	N/A	10/A-3	7/A-3	6/A-3			1	



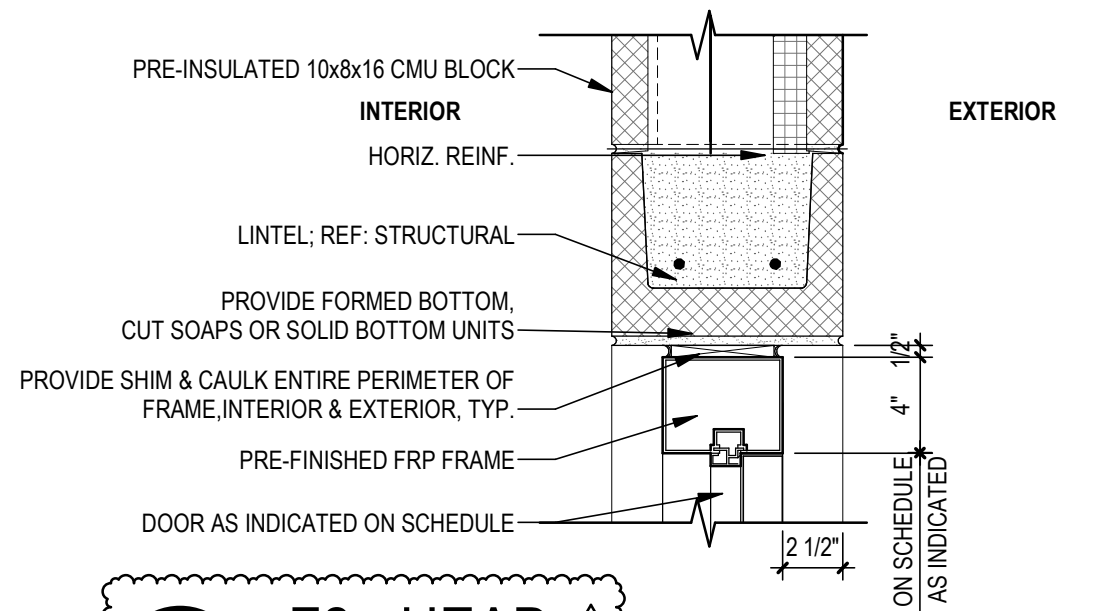
9 SECTION DETAIL - SOUTH ROOF OVERHANG  
1" = 1'-0"



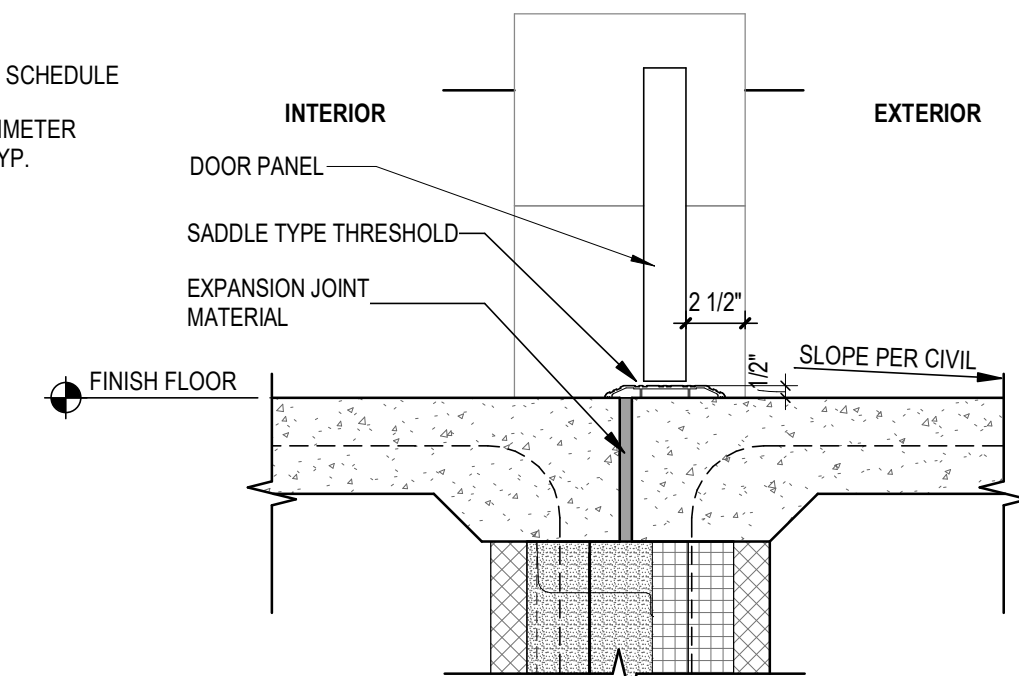
8 SECTION DETAIL - EAST & WEST ROOF OVERHANGS  
1" = 1'-0"



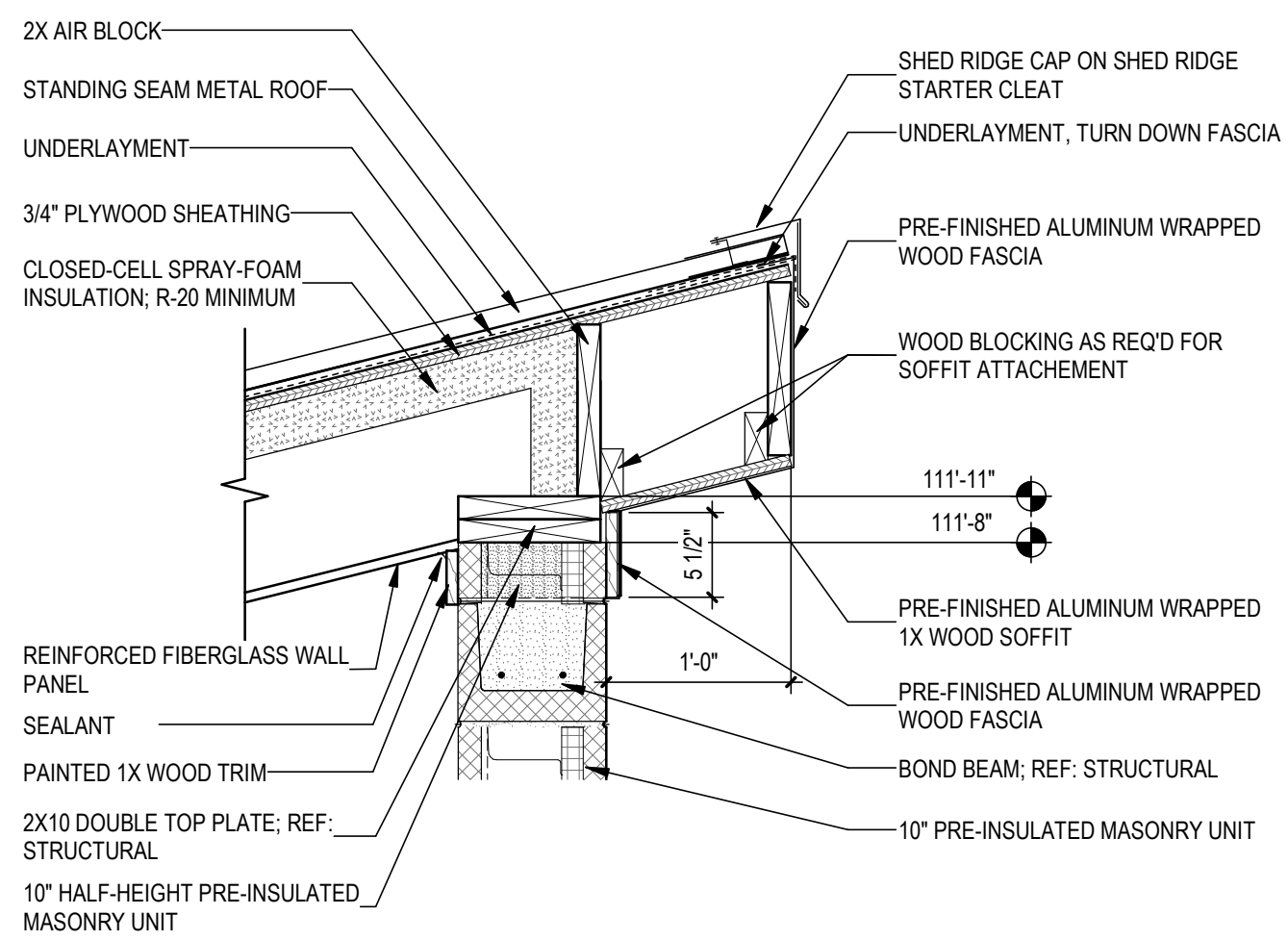
7 F2 - JAMB  
1 1/2" = 1'-0"



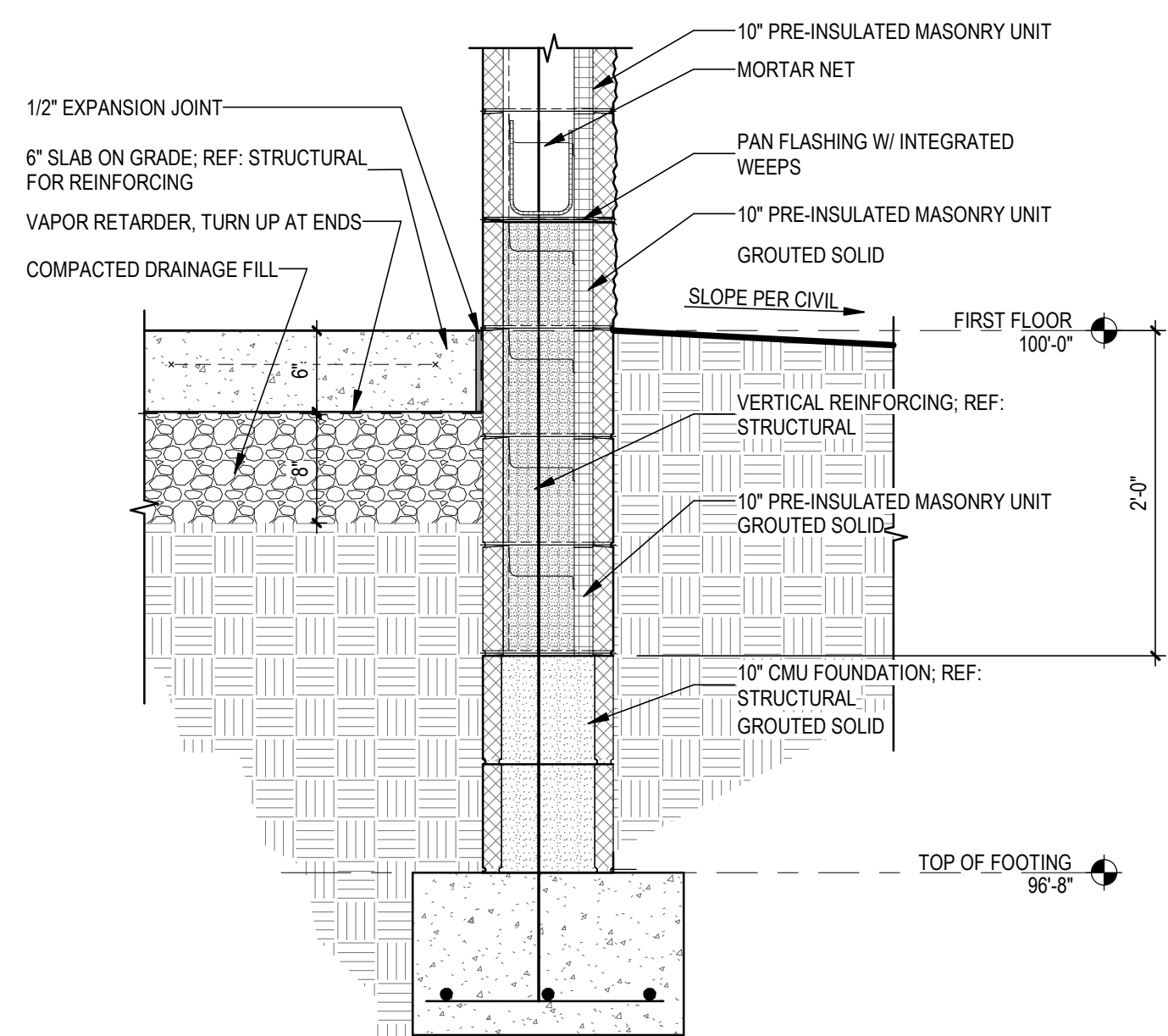
10 F2 - HEAD  
1 1/2" = 1'-0"



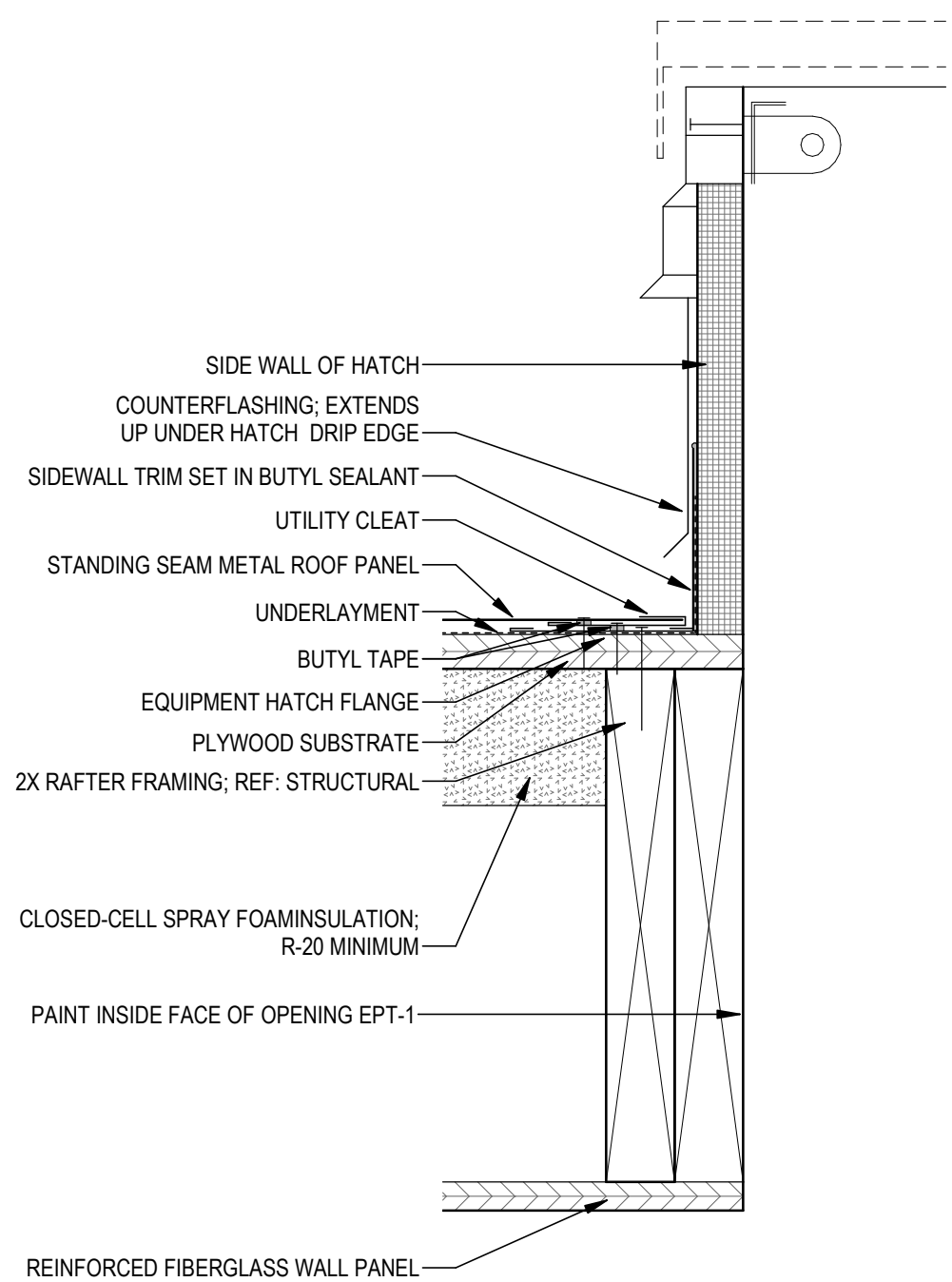
6 F2 - THRESHOLD  
1 1/2" = 1'-0"



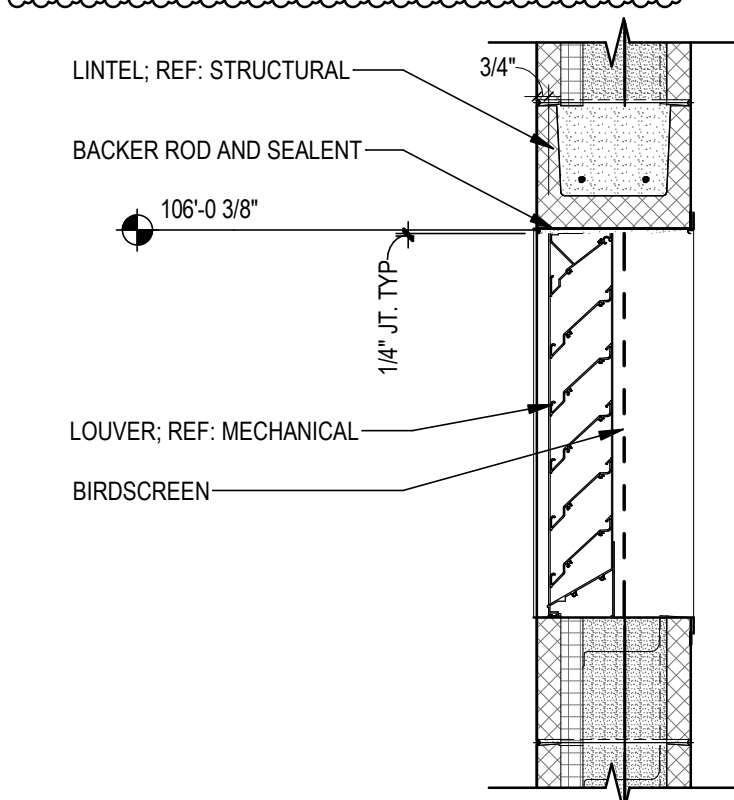
4 SECTION DETAIL - NORTH ROOF OVERHANG  
1" = 1'-0"



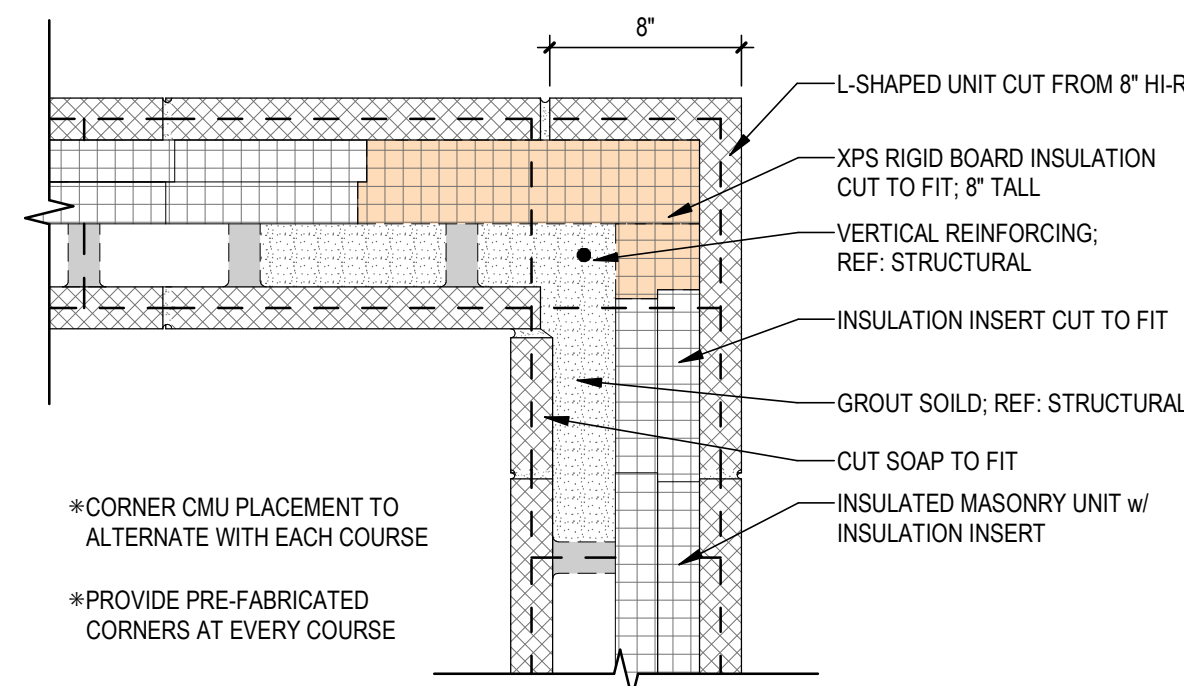
3 SECTION DETAIL - FOUNDATION WALL  
1" = 1'-0"



2 SECTION DETAIL - EQUIPMENT HATCH CURB  
3" = 1'-0"

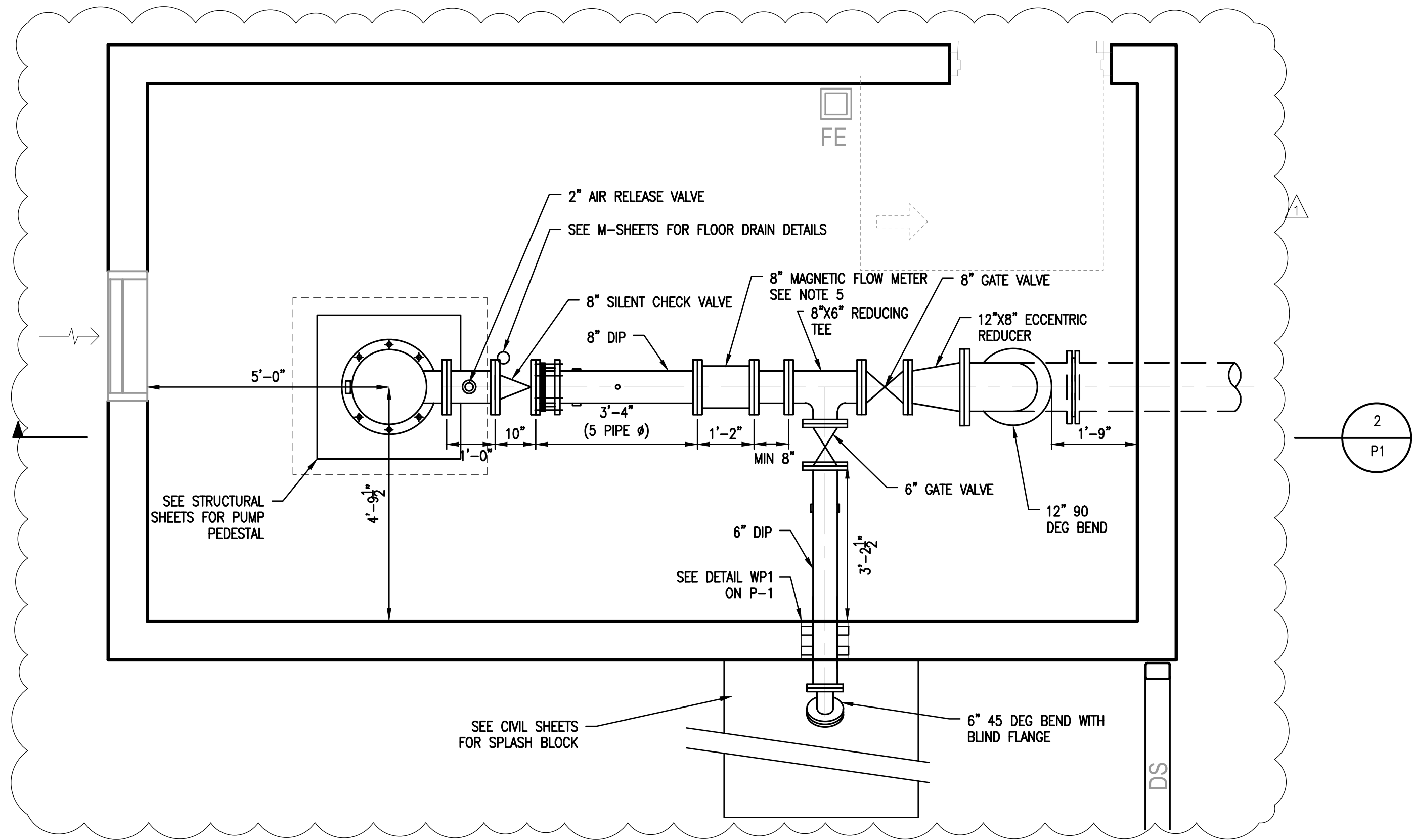


5 SECTION DETAIL - LOUVER  
1" = 1'-0"



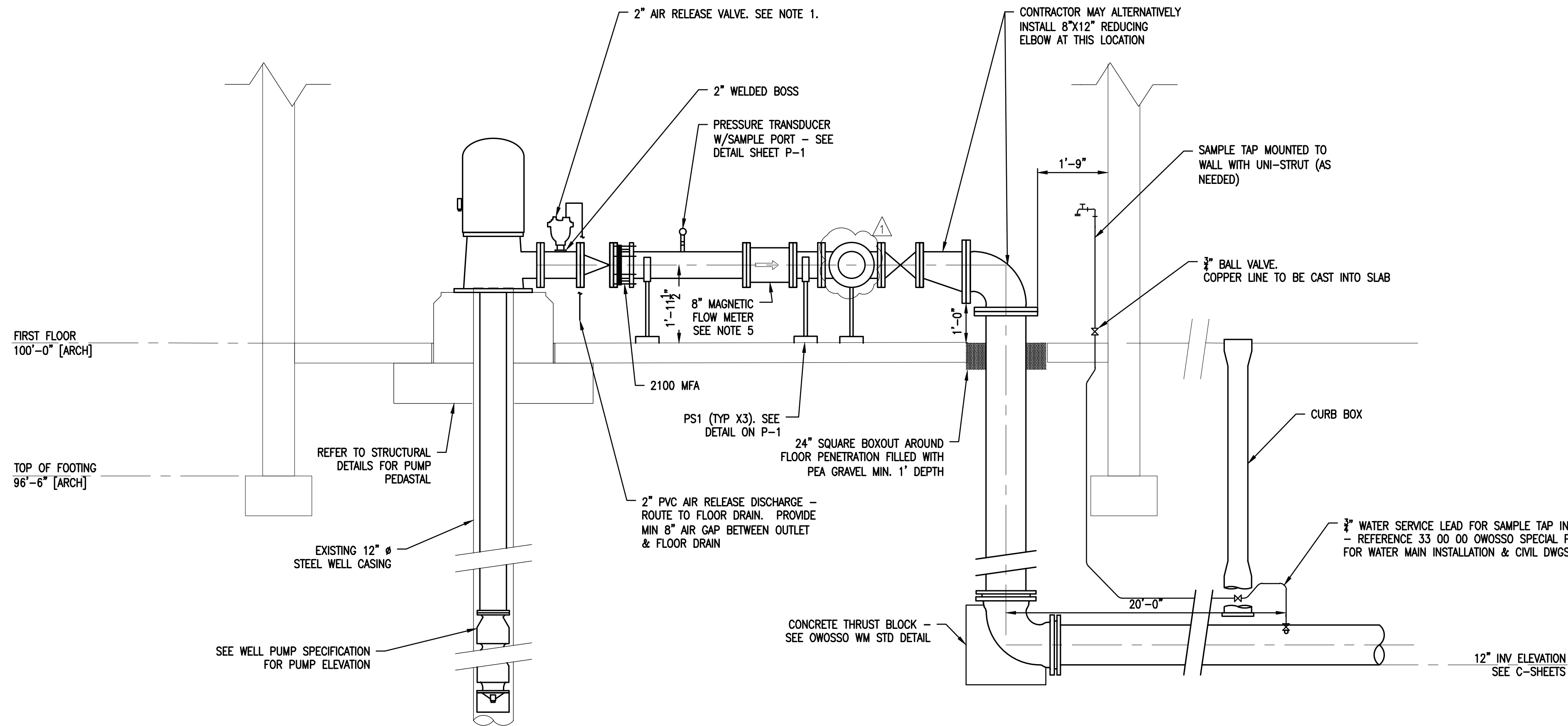
1 PLAN DETAIL - INSULATED MASONRY UNIT CORNER  
1 1/2" = 1'-0"

DRAWING PATH: \\ohm\dis\corporate\projects\0000\_0101000202201080\_Juniper\_1\_Wellhouse\_Design\_Bldg\Drawings\Facilities\2201080\_P\_CON\_1.dwg Jun 13, 2023 - 1:25pm



1 PROCESS PLAN VIEW - PROPOSED WELL HOUSE

1/2" = 1'-0"



2 PROPOSED SECTION VIEW - PROPOSED WELL HOUSE

1/2" = 1'-0"

3/8" POLY TUBING AIR LINE WITH 4" DIAMETER DIRECT READING GAUGE AND SCHRADER VALVE.

WELD EXTENSION TO WELL CASING TO EXTEND 1/2" TO 1" ABOVE CONCRETE PEDESTAL. CHANGES TO WELL CASING SHALL BE PERFORMED BY LICENSED WELL DRILLER. SEE STRUCTURAL DRAWINGS FOR PEDESTAL DETAILS

1 1/4" PVC STILLING WELL WITH JUNCTION BOX FOR LEVEL TRANSDUCER. PASS STILLING WELL THROUGH PENETRATION IN PUMP STAND. SECURE EACH PIPE SECTION OF STILLING WELL TO PUMP COLUMN

2" VENT PIPING WELDED AT 30° ANGLE TO WELL CASING. PROVIDE 2" MUSHROOM VENT THREADED CAP WITH INTEGRATED #30 MESH SCREEN

EXISTING TOP OF CASING  
747.3'

FINISHED FLOOR  
746.0'

EXISTING GRADE  
745.3'

TOP OF SPREAD FOOTING  
742.7'

WATER LEVEL STATIC (FEB 2022)  
740.3'

WATER LEVEL 72 HOURS @ 1100 GPM  
705.3'

STILLING WELL AND AIR LINE TO TERMINATE 2' ABOVE BOWLS [NOT TO SCALE]

BOTTOM OF PUMP  
670.3'  
75.0' BELOW EXISTING GRADE

TOP OF SCREEN  
665.3'  
80.0' BELOW EXISTING GRADE

BOTTOM OF SCREEN  
645.3'  
100.0' BELOW EXISTING GRADE

3 WELL PUMP ARRANGEMENT

3/4" = 1'-0"

NOTES:

1. A MINIMUM 2" AIR AND VACUUM VALVE WITH THROTTLE, AS MANUFACTURED BY APCO #144DAT OR VAL-MATIC #102WS SHALL BE PROVIDED ON DISCHARGE LINE BETWEEN CHECK VALVE AND PUMP. MINIMUM 2" AIR RELIEF PIPING SHALL BE SLOPED TO A THE FLOOR DRAIN.
2. SEE STRUCTURAL DRAWING FOR PUMP PEDESTAL DETAILS
3. ALIGN ROOF HATCH WITH CENTERLINE OF WELL.
4. WELL PUMP SHALL BE INSTALLED BY PREAPPROVED WELL DRILLER/INSTALLER - NORTHERN PUMP AND WELL, PEERLESS MIDWEST, OR RAYMER WATER WELLS.
5. MAGNETIC FLOW METER SHALL REQUIRE ZERO LENGTHS OF STRAIGHT PIPE UP AND DOWNSTREAM.
6. ALL UNDERGROUND DIP JOINTS SHALL BE RESTRAINED

ISSUE: CONFORMED SET 3/21/2023  
REVISIONS:  
1. WELLHOUSE LOCATION UPDATE 06/13/2023

DATE: 02/02/2021  
PROJECT NUMBER: 0202201080  
ENGINEER: MK  
PROJECT MANAGER: AV  
COUNTY: SHAWANEE  
MUNICIPALITY: OWOSSO

CITY OF OWOSSO  
JUNIPER WELL HOUSE DESIGN  
PROCESS PLAN & SECTION



6/14/2023 9:55:56 AM

PN: 363/0023-22-0300 Juniper 1 Wellhouse 002220380\_FPM Juniper Wellhouse 2021\_CEN.vrt

GAS-FIRED UNIT HEATER SCHEDULE										
MARK	LOCATION	CFM	HEATING COIL		ELECTRICAL			MANUFACTURER	MODEL	NOTES
			INPUT (MBH)	OUTPUT (MBH)	V/PH/Hz	MCA	MOCP			
GUH-1	WELLHOUSE	630	45	37	115/1/60	2.4	15	REZNOR	UDZ	1
NOTES: 1. SEPARATED COMBUSTION, 4" COMBUSTION AIR AND 4" VENT. PROVIDE WITH WALL THERMOSTAT AND WALL MOUNTING BRACKET.										

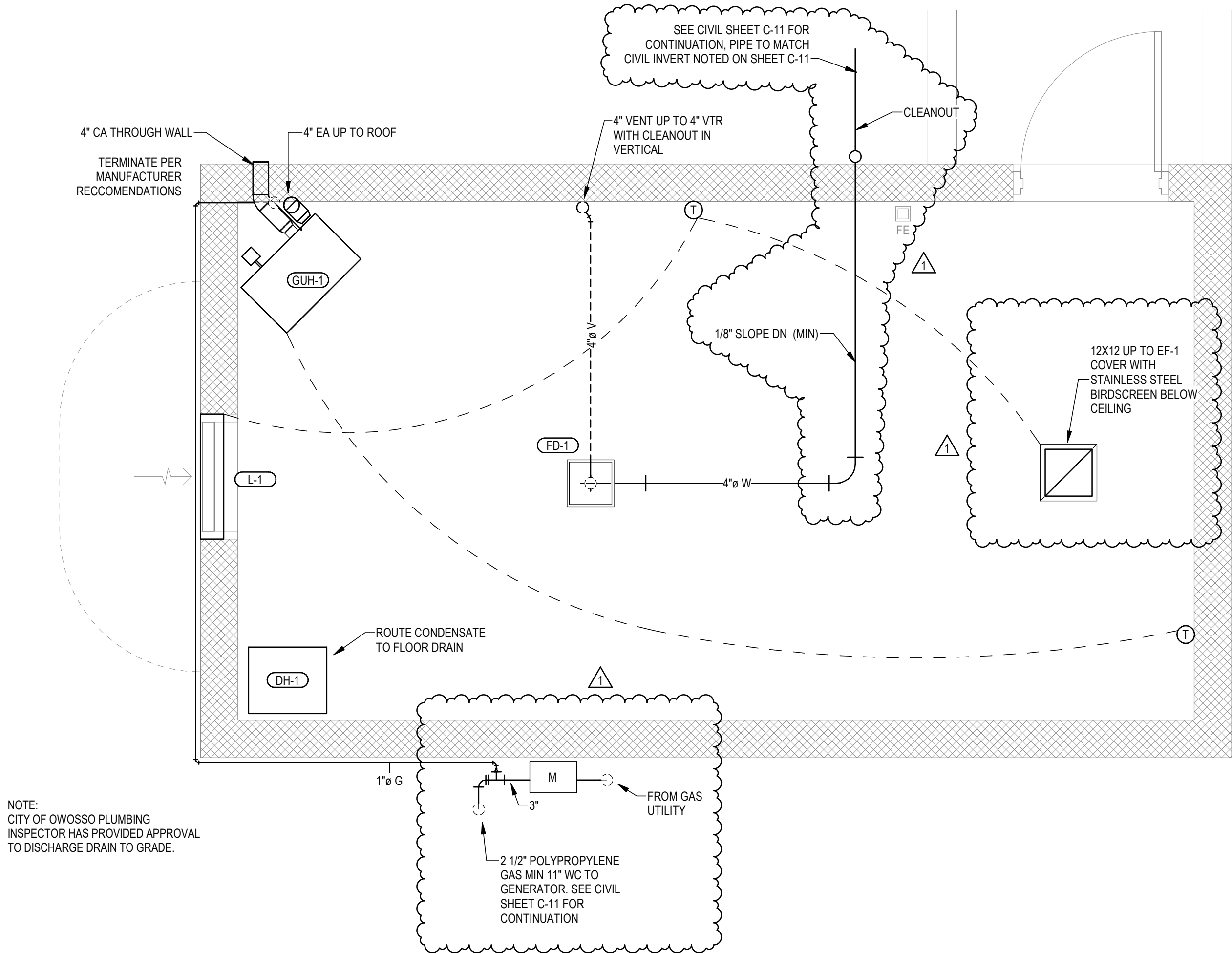
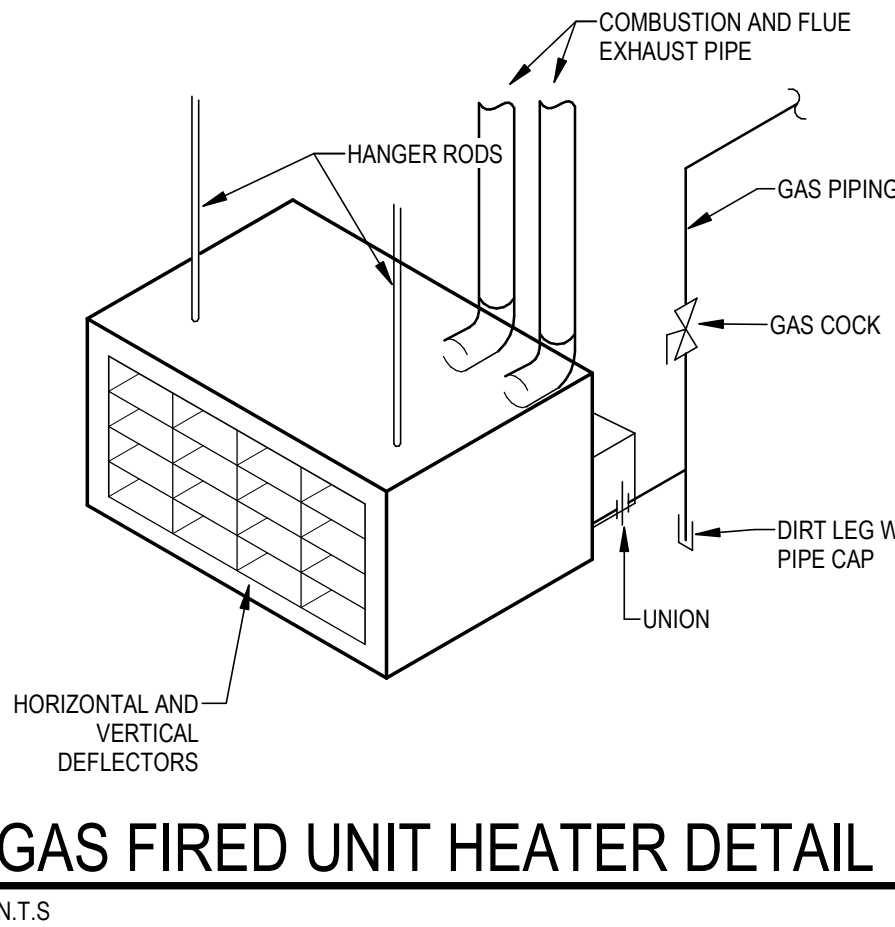
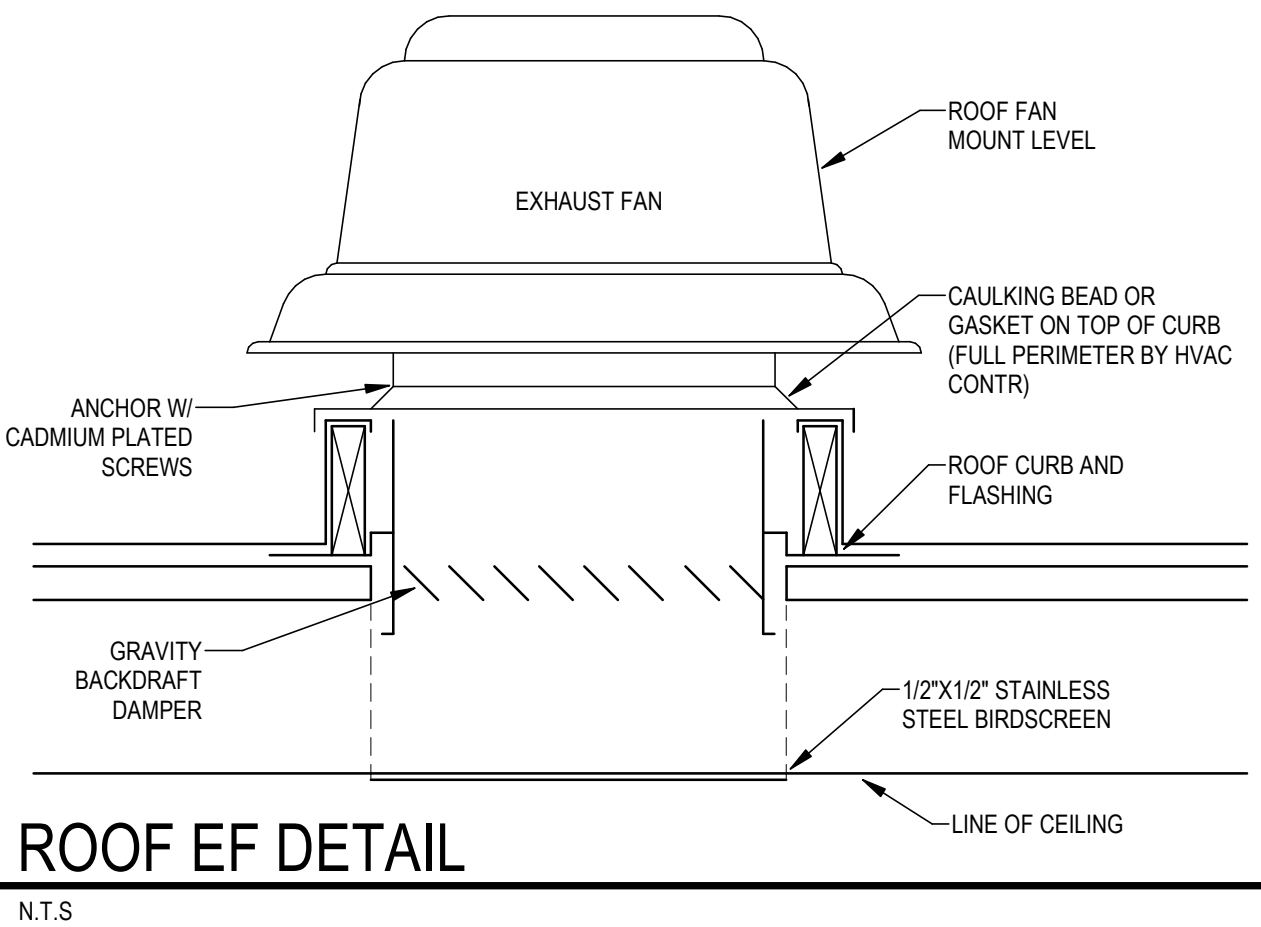
LOUVER AND DAMPER SCHEDULE								
MARK	SERVICE	CFM	SIZE (IN.)	MAX PRESS. DROP (IN-WG)	MAX VELOCITY (FPM)	MINIMUM FREE AREA (FT²)	MANUFACTURER	MODEL
L-1	WELLHOUSE	1,250	32X24	0.05	575	2.1	GREENHECK	ECD-601
NOTES: 1. PROVIDE WITH ALUMINUM INSECT SCREEN, INTEGRAL DAMPER AND 120V ACTUATOR. INTERLOCK WITH EF-1								

PORTABLE DEHUMIDIFIER SCHEDULE							
MARK	CFM	WATER REMOVAL		ELECTRICAL		MANUFACTURER	MODEL
		FILTER	RATE (PINTS/DAY)	V/PH/Hz	POWER		
DH-1	300	WASHABLE	120	115/1/60	7.6	SEAIRA GLOBAL	WATCHDOG NXT-120C

### PLUMBING FIXTURE SCHEDULE

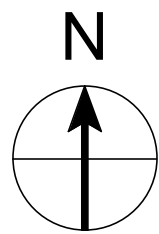
TYPE	DESCRIPTION	MFR	CATALOG NO.	TRIM
FD-1	SQUARE HEAVY DUTY FLOOR DRAIN	ZURN	Z-609	DURACOATED CAST IRON BODY WITH BOTTOM OUTLET, SEEPAGE PAN, AND HEAVY DUTY CAST IRON ANTI-TILT SLOTTED GRATE AND COMB.
REMARKS PROVIDED WITH TRAP, MECHANICAL TRAP SEAL				


FAN SCHEDULE														
MARK	SERVICE	LOCATION	FAN TYPE	DRIVE TYPE	CFM	RPM	ESP (IN-WG)	ELECTRICAL		CONTROLS	MANUFACTURER	MODEL	WEIGHT	NOTES
								HP	V/PH/Hz					
EF-1	WELLHOUSE	ROOF	DOWNBLAST	DIRECT	1250	1725	0.5	1/3	115/1/60	REVERSE THERMOSTAT	GREENHECK	G-100-A	55	1
NOTES: 1. PROVIDE WITH THERMOSTAT, GRAVITY BACKDRAFT DAMPER, STAINLESS STEEL HARDWARE, ROOF CURB, INTERLOCK WITH LOUVER DAMPER L-1														



1 JUNIPER BUILDING FLOOR PLAN

1/2" = 1'-0"





ARCHITECTS ENGINEERS PLANNERS

201 East Ellsworth St. Unit 100  
Midland, MI 48640  
PH 989.956.2020

OHM-ADVISORS.COM

ISSUE: CONFORMED SET 03/20/2023

REVISIONS: WELLHOUSE LOCATION UPDATE 06/13/2023

DATE: 03/20/2023

PROJ NUMBER: 0023-22-0380

PROJ MGR: AV

COUNTY: SHAWANSEE

CITY OF OWOSSO

JUNIPER WELL HOUSE DESIGN

Juniper Street  
Owosso, MI 48867

FIRST FLOOR MECHANICAL PLAN

SHEET

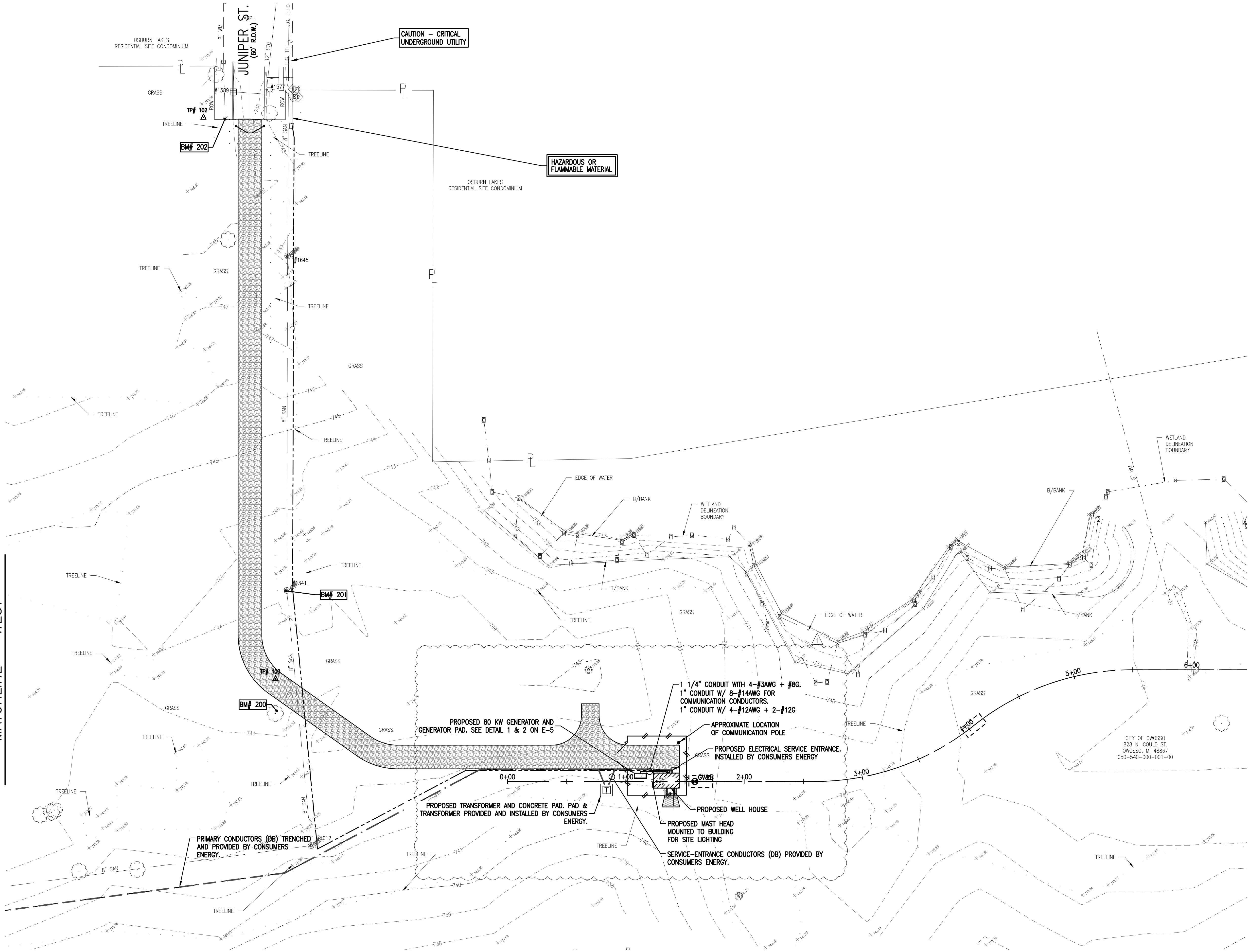
M-2

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DRAWING PATH: P:\0000\_010000202080\_Juniper\_1\_Wellhouse\_Design\_BldDrawings\CivilPlans\_Cons\220808STE - Electrical.dwg Jun 14, 2023 - 1:04pm

MATCHLINE - WEST



Know what's below.  
Call before you dig.

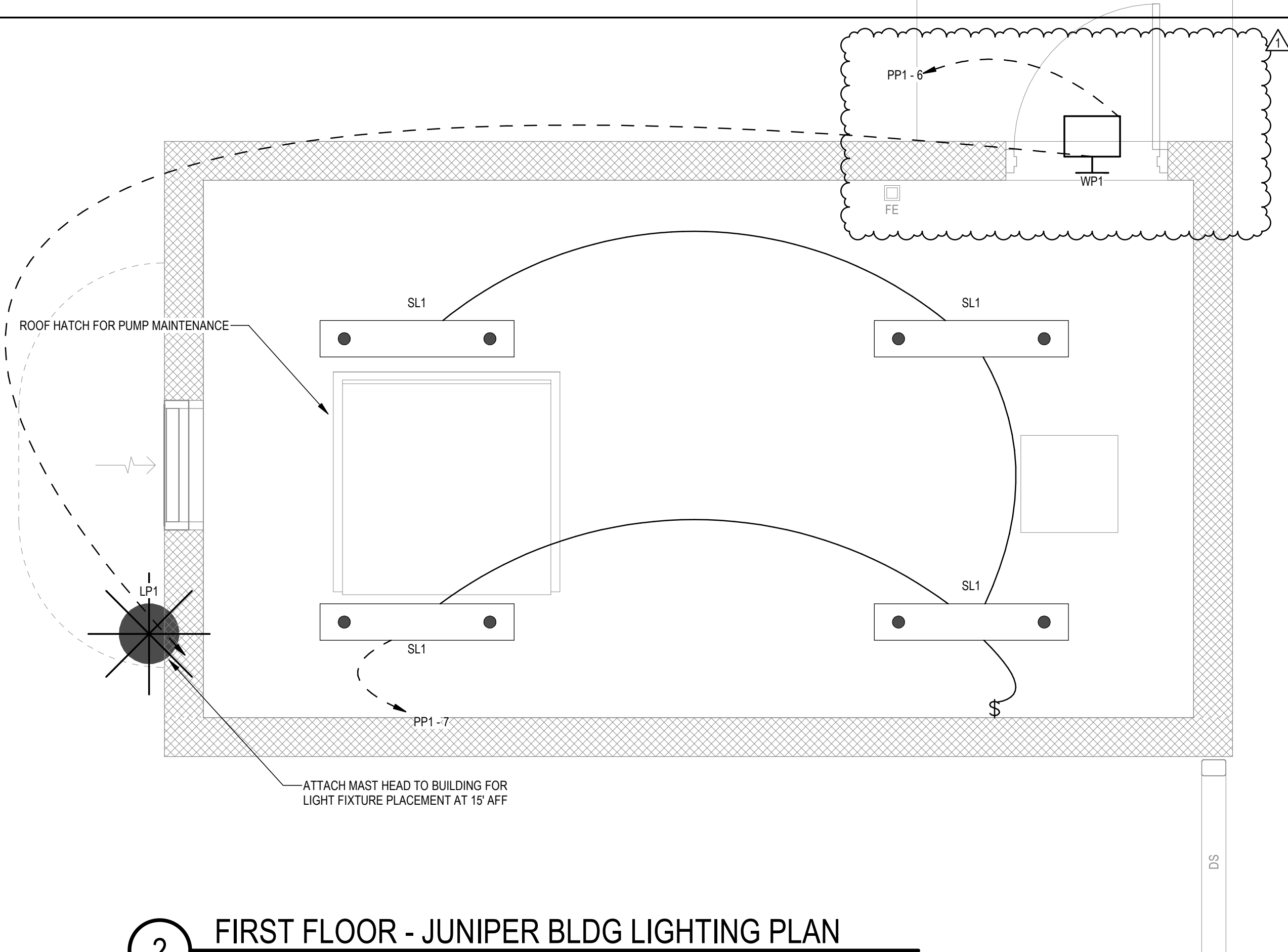
**OHM**  
ARCHITECTS ENGINEERS PLANNERS  
201 E Ellsworth St. Unit 100  
Midland, MI 48640  
P (989) 956-2020  
OHM-ADVISORS.COM

ISSUE	CONFORMED SET	3/20/2023
REVISIONS	WELLHOUSE LOCATION UPDATE	
1		06/13/2023

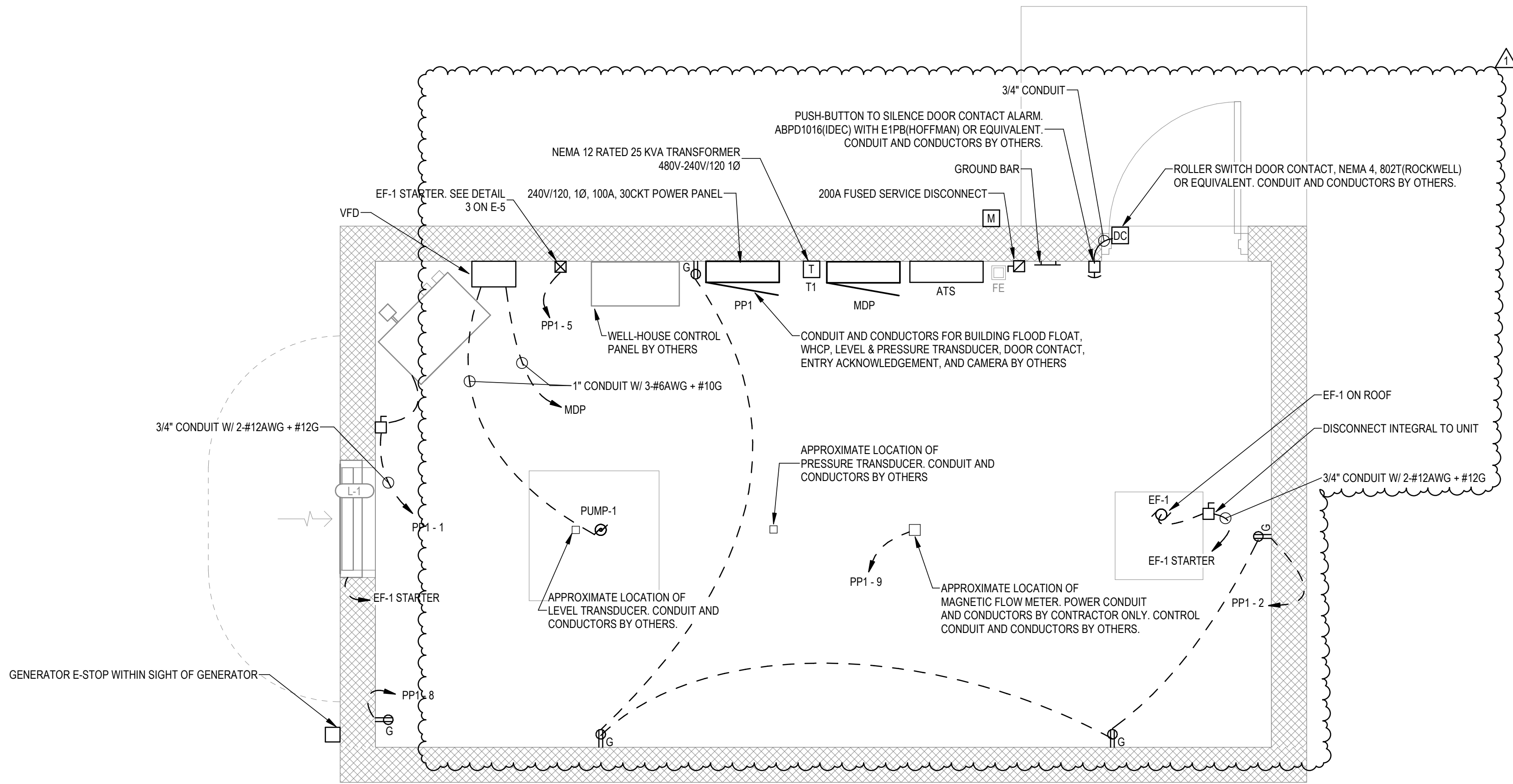
DATE	PROJ NUMBER	ENG ARCH	PROJ MGR	CADD	COUNTY	MUNICIPALITY
###	000220080	SW	AV	SW	SHAWANSEE	OWOSSO
CITY OF OWOSSO						
JUNIPER WELL HOUSE DESIGN						
ELECTRICAL SITE PLAN - WELL HOUSE						
VALUE						

E-3

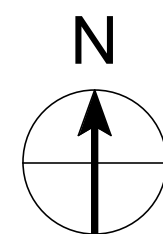
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2 FIRST FLOOR - JUNIPER BLDG LIGHTING PLAN  
1/2" = 1'-0"



1 FIRST FLOOR - JUNIPER BLDG POWER PLAN  
1/2" = 1'-0"




ISSUE: CONFORMED SET	03/20/2023
REVISIONS:	06/13/2023
WELLHOUSE LOCATION UPDATE	

DATE: 03/20/2023	PROJECT NUMBER: 0023-22-0300	PROJECT MANAGER: AV	COUNTY: SHAWANSEE
CITY OF OWOSSO			
JUNIPER WELL HOUSE DESIGN			
Juniper Street Owosso, MI 48867			
FIRST FLOOR- JUNIPER POWER & LIGHTING PLAN			



August 11, 2023

City of Owasso & OHM Advisors  
Attn: Traci Robinson & Matt Kennedy  
929 Bridgeview S  
Saginaw, MI 48604

RE: Palmer 3A and Juniper Well House Designs  
SGC Job#: 88303  
OHM Project # 0020-22-0070 & # 0020-22-0080  
CE # 3 Juniper Bldg. Relocation REVISED

Dear Traci

We are pleased to quote the following work associated with SGC CE#03, dated Aug 11, 2023, for costs to complete all labor and material to perform additional road work to new building location as per "Review Drawings dated 6/23/2023".

Total Amount of: \$8029.00 – Eight Thousand Twenty Nine Dollars.

Please see the attached back up documentation for reference.  
Please contact our office with any questions or if you need any additional information.

APPROVED BY:

DATE:

Sincerely,

Sorensen Gross Company

Darek Gabrel  
Project Manager  
CC: SG File

<b>Job Name:</b>	<b>Palmer 3A&amp;Juniper Well House Des</b>	<b>DATE: 08/11/2023</b>
<b>Description;</b>	<b>CE#3 Juniper Bldg Relocation</b>	<b>supervision \$75.00 per hr</b>
<b>Job Number:</b>	<b>88303</b>	<b>Laborer \$52.00 per hr</b>
		<b>Carpenter \$57.00 per hr</b>

## SUBCONTRACT WORK

<b>Total Add Lump Sum Cost</b>		<b>\$8,029</b>
--------------------------------	--	----------------



**Corporate**  
 4099 Eagle's Nest Court  
 Flushing, MI 48433  
 Office: 810.733.1313  
 Fax: 810.733.7883  
[www.fesslerandbowman.com](http://www.fesslerandbowman.com)

**Regional Offices**  
 Bossier City, LA  
 Charlotte, NC  
 Raleigh, NC  
 Nashville, TN

<b>To:</b>	Sorensen Gross Construction Services	<b>Contact:</b>	Nicola Taylor
<b>Address:</b>	3407 Torrey Road Flint, MI 48507	<b>Phone:</b>	(810) 235-3200
		<b>Fax:</b>	(810) 238-6222
<b>Project Name:</b>	Owosso Well House Projects	<b>Bid Number:</b>	23-004CH
<b>Project Location:</b>	Owosso, MI	<b>Bid Date:</b>	1/17/2023

Item Description	Estimated Quantity	Unit	Unit Price	Total Price
<b>Juniper Street</b>				
Install Silt Fence	30.00 LF	<del>300.00</del> LF	\$2.82	\$84.60 <del>\$846.00</del>
Strip Topsoil To Haul Offsite		41.00 CY	\$63.72	\$2,612.52
Fill Existing Grade To Proposed Elevations With Imported Materials		45.00 TON	\$28.20	\$1,269.00
Rough Grading		1,564.00 SF	\$0.55	\$860.20
Place 6" Of 21AA Limestone For Gravel Road Placed On Geo Fabric		54.00 TON	\$69.79	\$3,768.66
Re-spread Existing Topsoil 4" Depth		10.00 CY	\$13.22	\$132.20
Directional Drill 12" C909 PVC Water Main (Credit)		-35.00 LF	\$42.86	(\$1,500.10)

**Total Bid Price:** ~~\$7,988.48~~  
**\$7,227.00**

**Notes:**

- NOTICE: THIS PROPOSAL IS CONTINGENT ON A LACK OF KNOWN IMPACT BY THE CORONAVIRUS NATIONAL EMERGENCY. Given the existence of the coronavirus pandemic, F&B will use its best efforts to staff and supply this project to be able to hit the scheduled completion date but reserves its right to seek an excusable extension of time if F&B or our subcontractors and suppliers are unable to maintain planned crew sizes due to the illness, supply shortages, governmental restraints on business, travel and/or assembly. To the extent that the project is suspended pursuant to the terms of the proposed subcontract, we intend to seek equitable adjustment of price and time associated with the suspension.

- **Due to diminishing and interrupted availability of materials based on industry-wide shortages, Fessler & Bowman shall not be liable for delays or material price increases. Fessler & Bowman shall be entitled to an equitable adjustment of its contract time and price provided that we give written advance notices to the general contractor.**

**\*\*Civil Exclusions\*\***

- Material testing
- Soil erosion permit and fees
- Soil erosion maintenance while not on site
- Payment and performance bond
- Utility tap in fees and inspection permits
- Right of Way Permits
- Engineered layout and staking
- Undercutting of unsuitable soils, moisture conditioning, and soil ammendments
- Landscaping, permanent seeding, temp seeding, and restoration
- Sweeping and dust control for other trades
- Hidden and buried debris removal
- Shift premiums and/or accelerated schedules
- Non hazardous/contaminated material handling and disposal fees
- Well point de-watering
- Foundation excavation
- Spoils handling or removal for other trades
- Work associated with the existing and new wells
- Re-route of existing gas, electrical and telephone services



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<b>To:</b>	Sorensen Gross Construction Services	<b>Contact:</b>	Nicola Taylor
<b>Address:</b>	3407 Torrey Road Flint, MI 48507	<b>Phone:</b>	(810) 235-3200
		<b>Fax:</b>	(810) 238-6222
<b>Project Name:</b>	Owosso Well House Projects	<b>Bid Number:</b>	23-004CH
<b>Project Location:</b>	Owosso, MI	<b>Bid Date:</b>	1/17/2023

• **\*\*Civil Clarifications\*\***

- The geotechnical report dated 10/10/22 is considered a reference only and is not a contract document, therefore Fessler & Bowman, Inc. will not be bound to its clarifications.
- Base materials placed and graded one time only to an elevation +/- one tenth (.1) foot. Fine grading is by others
- Submission of this proposal does not constitute agreement to any subcontract, even standard contract terms, until mutually agreed upon by both Fessler & Bowman and the client.

**Payment Terms:**

We hereby propose to furnish labor and materials, complete and in accordance with the specifications and general conditions for the sum of \$ see above, with payment to be made as follows: Invoice at the end of the month. Payment due in full the following 10TH. If paid after the 10th, the customer agrees to pay credit price. (Cash price + 1.5% per month.) SEE GENERAL CONDITIONS. This proposal is valid for 15 days unless noted otherwise.

<p><b>ACCEPTED:</b></p> <p>The above prices, specifications and conditions are satisfactory and are hereby accepted.</p> <p><b>Buyer:</b> _____</p> <p><b>Signature:</b> _____</p> <p><b>Date of Acceptance:</b> _____</p>	<p><b>CONFIRMED:</b></p> <p><b>Fessler &amp; Bowman Inc.</b></p> <p><b>Authorized Signature:</b> _____</p> <p><b>Estimator:</b> Jesse Geyer        810.733.1313 jgeyer@fesslerbowman.com</p>
--	--



## MEMORANDUM

---

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

---

DATE: August 21, 2023

TO: Mayor Teich and Owosso City Council

FROM: Ryan E. Suchanek, Director of Public Services & Utilities

SUBJECT: Purchase Two (2) Ford F250's for DPW  
State of Michigan MiDeal Contract # 071B7700180

### RECOMMENDATION:

Approval to purchase two (2) 2024 Ford F250 pickup trucks from Lunghamer Ford of Owosso, Michigan, in the total amount of \$97,256.00.

### BACKGROUND:

The purchase of these vehicles is a scheduled replacement of worn-out existing pickups. The useful and safe service lives of these pickups have expired and they are no longer economical to maintain.

The purchase of these two (2) pickup trucks is tied to a USDA Rural Development Grant. They are eligible for grant funding totaling \$26,700.00.

A waiver of the competitive bidding process, in accordance with the City of Owosso Purchasing Policy, is recommended in order to take advantage of State of Michigan competitive contract pricing. Owosso City Ordinance section 2-345(3) exception to competitive bidding states; "Where the council shall determine that the public interest will best be served by joint purchase with, or purchase from, another unit of government."

### FISCAL IMPACTS:

These trucks were included in the fiscal year 2023/24 budget. The quoted price of \$48,628.00 for each vehicle totaling \$97,256.00 will be funded from the FY2023-2024 Fleet Motor Pool Fund 661-901-979.000.

### Document originated by:

Ryan E. Suchanek, Director of Public Services & Utilities

Attachments: (1) Resolution  
(2) Lunghamer Quote for 2024 F250 - MiDeal

**RESOLUTION NO.**

**AUTHORIZING PURCHASE ORDER WITH  
LUNGHAMER FORD OF OWOSSO, LLC TO PROCURE  
TWO (2) 2024 FORD F250 PICKUP TRUCKS  
FOR USE IN THE FLEET MOTOR POOL**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has budgeted from the Fleet Motor Pool Replacement Fund for the replacement of two (2) pickup trucks used for the maintenance of streets and other community public works services; and

WHEREAS, two (2) existing pickup trucks are at the end of their useful service life, and are no longer cost effective to maintain; and

WHEREAS, the City of Owosso Director of Public Services & Utilities has reviewed the replacement equipment on the State of Michigan MiDeal Contract as priced by Lunghamer Ford of Owosso, LLC and recommends authorizing a purchase agreement between the City of Owosso and Lunghamer Ford of Owosso, LLC for the acquisition of two (2) 2024 Ford F250 pickup trucks on the State of Michigan MiDeal Contract No. 071B7700180 in the amount of \$97,256.00 total; and

WHEREAS, the purchase of these two (2) pickups is eligible for USDA grant funding totaling \$26,700.00; and

WHEREAS, waiver of the purchasing policy formal bid requirements is requested, to initiate procurement upon approval and authorization in accordance with Owosso City Code Sec. 2-346(3), Exceptions to competitive bidding.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to contract with Lunghamer Ford of Owosso, LLC for the purchase of two (2) 2024 Ford F250 pickup trucks utilizing State of Michigan MiDeal Contract No. 071B7700180, for use in the Fleet Motor Pool, in the amount of \$97,256.00.

SECOND: The contract between the City of Owosso and Lunghamer Ford of Owosso, LLC shall be in the form of a City Purchase Order in an amount not to exceed \$97,256.00.

THIRD: The Accounts Payable department is authorized to submit payment to Lunghamer Ford of Owosso, LLC in the amount of \$97,256.00 upon satisfactory delivery of said vehicles.

FOURTH: The above expenses shall be paid from account no. 661-901-979.000.





July 26, 2023

City of Owosso DPW  
Attn: Zachary R. Ryan  
522 Milwaukee Street  
Owosso, MI 48867

Dear Zachary R. Ryan:

Price on 2024 Vehicle State of Michigan Contract# 071B7700180 MIDEAL/MDOT and  
Macomb County Contract# 21-18 Bid:

**2024 Ford F250 Regular Cab 4x2 Pickup 8' Box in Red \$48,628.00 ea**

**Current lead time to order is estimated at 30 + weeks from receipt of Purchase Order.**

**Order Cutoff Date: TBD.**

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

**Payment requirements:** All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

*Bill Campbell*

Bill Campbell  
Government & Fleet Sales

1960 E Main St Owosso, MI 48867, 888-92-FLEET (888.923.5338) Fax 517-625-5832



## MEMORANDUM

---

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

---

DATE: August 21, 2023

TO: Mayor Teich and Owosso City Council

FROM: Ryan E. Suchanek, Director of Public Services & Utilities

SUBJECT: DPW – Wing Plow Truck  
Purchase of Freightliner Cab & Chassis –MiDeal Contract # 071B6600119  
Purchase of Crysteel Dump Body – MiDeal Contract # 200000000034

### RECOMMENDATION:

Approval to purchase one (1) Freightliner 114SD Tandem Truck from D. & K. Truck Company of Lansing, Michigan, in the amount of \$122,190.00.

Approval to purchase one (1) Crysteel 13 FT Dump Body from Truck and Trailer Specialties, Inc. of Howell, Michigan, in the amount of \$109,933.00.

### BACKGROUND:

This equipment will be used for large capacity hauling and snow plowing. This is the scheduled replacement of a truck that is worn out, rusted, and has expended its useful life. The useful and safe service life of this vehicle has expired and it is no longer economical to maintain.

The 2024 Freightliner trucks have already sold out, so this is for a 2025 model year Freightliner truck.

This purchase is tied to a USDA Rural Development grant. It is eligible for grant funding totaling of \$50,000.00.

Waiver of the competitive bidding process in accordance with the City of Owosso Purchasing Policy, in order to take advantage of State of Michigan MiDeal competitive contract pricing is recommended. Owosso City Code Section 2-346(3), Exceptions to competitive bidding, states “Where the council shall determine that the public interest will best be served by joint purchase with, or purchase from, another unit of government.”

### FISCAL IMPACTS:

This truck was included in the fiscal year 2023/24 budget. Funds will be expended from the Fleet Motor Pool Replacement Account 661-901-979.000 in amount of:

\$122,190.00 for the cab & chassis

\$10,000.00 for contingency costs (estimated price increase for the 2025 model year)

\$109,933.00 for the dump body

**\$242,123.00** Total for new wing plow truck including contingency.

**Document originated by:**

Ryan E. Suchanek, Director of Public Services & Utilities

Attachments: (1) Resolution

(2) D. & K. Truck Company MiDeal Quote

(3) Truck and Trailer Specialties, Inc. MiDeal Quote

(4) D. & K. Truck Company MiDeal Contract

(5) Truck & Trailer Specialties, Inc. MiDeal Contract

**RESOLUTION NO.**

**AUTHORIZING PURCHASE AGREEMENTS WITH D. & K. TRUCK COMPANY  
AND TRUCK AND TRAILER SPECIALTIES, INC.  
TO PROCURE A TANDEM TRUCK CAB & CHASSIS AND DUMP BODY FOR USE IN THE FLEET  
MOTOR POOL**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has budgeted from the Fleet Motor Pool Replacement Fund for the purchase of a 10-yard Tandem Truck Cab & Chassis to be used for large capacity hauling and snow plowing; and

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has also budgeted from the Fleet Motor Pool Replacement Fund for the purchase of a 10-yard Dump Body attachment for the Tandem Truck Cab & Chassis; and

WHEREAS, the City of Owosso Director of Public Services & Utilities has reviewed replacement of the equipment available on the State of Michigan MiDeal Contracts as priced by D. & K. Truck Company and Truck and Trailer Specialties, Inc. and recommends authorizing purchase agreements between the City of Owosso and D. & K. Truck Company and Truck and Trailer Specialties, Inc.; and

WHEREAS, the purchase of said plow truck is eligible for USDA grant funding totaling \$50,000.00; and

WHEREAS, waiver of the purchasing policy formal bid requirements is permitted per Sec. 2-346(3) of the City of Owosso Code of Ordinances.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to waive competitive bidding requirements and contract with D. & K. Truck Company of Lansing, Michigan for the purchase of one 2025 Freightliner 114SD Plus tandem truck cab & chassis using State of Michigan MiDeal Contract #071B6600119, in the amount of \$122,190.00, plus a contingency of \$10,000.00 for price increases in the next model year, for a total of \$132,190.00.
- SECOND: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to waive competitive bidding requirements and contract with Truck and Trailer Specialties, Inc. of Howell, Michigan for the purchase and installation of one Crysteel 13' Select dump body and accessories using State of Michigan MiDeal Contract #200000000034 in the amount of \$109,933.00.
- THIRD: The accounts payable department is authorized to submit payment to D. & K. Truck Company in the amount of \$122,190.00, plus contingency funds up to \$10,000.00 for 2025 model year price increases, for a total of \$132,190.00, and expense from account 661-901-979.000.
- FOURTH: The accounts payable department is authorized to submit payment to Truck and Trailer Specialties, Inc. in the amount of \$109,933.00, and expense from account 661-901-979.000

Prepared for:  
Dan Humphreys  
Owosso City Of  
522 Milwaukee

Owosso, MI 48867  
Phone: 989-725-0556



Prepared by:  
Mike Denno  
D & K TRUCK COMPANY  
3020 Snow Rd  
LANSING, MI 48917  
Phone: 517-449-2329  
Mobile:  
E-Mail: mdenno@dktruck.com

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A proposal for  
**Owosso City Of**

Prepared by  
**D & K TRUCK COMPANY**  
Mike Denno

Aug 10, 2023

## Freightliner 114SD Plus



Components shown may not reflect all spec'd options and are not to scale

Application Version 11.8.106  
Data Version PRL-27D.006  
Owosso MY2024 Tandem +



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## Q U O T A T I O N

### 114SD PLUS CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
CUM X12 455V HP @ 1900 RPM, 1700 LB-FT @ 1000 RPM, 2000 GOV RPM, VOC	4875MM (192 INCH) WHEELBASE
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
RT-40-160 40,000# R-SERIES TANDEM REAR AXLE	2125MM (84 INCH) REAR FRAME OVERHANG
HENDRICKSON HAULMAAX EX 40,000# REAR SUSPENSION	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT
16,000# TAPERLEAF FRONT SUSPENSION	

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 121,475	\$ 121,475
EXTENDED WARRANTY		\$ 0	\$ 0
DEALER INSTALLED OPTIONS		\$ 500	\$ 500
<b>CUSTOMER PRICE BEFORE TAX</b>		<b>\$ 121,975</b>	<b>\$ 121,975</b>
<b>TAXES AND FEES</b>			
TAXES AND FEES		\$ 215	\$ 215
OTHER CHARGES		\$ 0	\$ 0
<b>BALANCE DUE</b>	<b>(LOCAL CURRENCY)</b>	<b>\$ 122,190</b>	<b>\$ 122,190</b>

This is a MiDeal quote for a model year 2024 chassis.  
We are sold out of model year 2024 trucks.  
Model year 2025 could have an increase of \$6,000.00 to \$10,000.00.

APPROVAL:  
Please indicate your acceptance of this quotation by signing below:

Customer: X \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_.

Application Version 11.8.106  
Data Version PRL-27D.006  
Owosso MY2024 Tandem +



08/10/2023 12:18 PM

Page 2 of 18

Prepared for:  
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Prepared by:  
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QUOTATION DETAILS

TAXES AND FEES			
Title	\$	15	\$ 15
Doc Fee	\$	200	\$ 200

**Daimler Truck Financial**  
Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at [Information@dtfoffers.com](mailto:Information@dtfoffers.com).  
Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at [www.daimler-truckfinancial.com](http://www.daimler-truckfinancial.com).



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SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-27D	SD PRL-27D (EFF:MY24 ORDERS)			STD
Data Version				
DRL-006	SPECPRO21 DATA RELEASE VER 006			N/C
Vehicle Configuration				
001-177	114SD PLUS CONVENTIONAL CHASSIS	7,934	6,476	\$159,516.00
004-224	2024 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK	480	-480	(\$2,235.00)
019-004	STRAIGHT TRUCK PROVISION, NON-TOWING			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			N/C
99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
AF2-998	NONE			N/C
A85-011	CONSTRUCTION SERVICE			STD
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-010	DIRT/SAND/ROCK COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1AD	FREIGHTLINER LEVEL I WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 56000.0 lbs			



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Truck Service</b>				
AA3-073	BELLY PLOW BODY WITH HIGH GROUND CLEARANCE			N/C
A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 26.0 in			
AF3-2A8	TRUCK AND TRAILER SPECIALTIES INC.			N/C
<b>Engine</b>				
101-26K	CUM X12 455V HP @ 1900 RPM, 1700 LB-FT @ 1000 RPM, 2000 GOV RPM, VOC	-390	-45	\$676.00
<b>Electronic Parameters</b>				
79A-065	65 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79G-106	10 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
<b>Engine Equipment</b>				
99C-021	2010 EPA/CARB/GHG21 CONFIGURATION			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10		\$562.00
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-236	(3) DTNA GENUINE, FLOODED STARTING, MIN 3000CCA, 555RC, THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB			\$257.00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS			STD
107-048	CUMMINS NATURALLY ASPIRATED 25.9 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C



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Data Code	Description	Weight Front	Weight Rear	Retail Price
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
128-998	NO RETARDER/ENGINE BRAKE			(\$1,783.00)
N 016-1C0	RH OUTBOARD FRAME MOUNTED VERTICAL AFTER TREATMENT SYSTEM ASSEMBLY WITH TOPSTACK	65	65	\$3,020.00
28F-014	ENGINE AFTER TREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER			STD
239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			(\$3.00)
237-1CU	RH CURVED TOPSTACK			N/C
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
23Z-002	NON-POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER	15	5	\$144.00
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-011	ALUMINUM AFTER TREATMENT DEVICE/MUFFLER/TAIPIPE SHIELD(S)			N/C
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			N/C
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
266-057	1500 SQUARE INCH ALUMINUM RADIATOR			N/C
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			N/C
168-002	LOWER RADIATOR GUARD	6		\$116.00
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	20		\$297.00
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45		N/C



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Transmission</b>				
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100	\$13,687.00
<b>Transmission Equipment</b>				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84K-002	2ND GEAR ENGINE BRAKE ALTERNATE PRESELECT WITH MODERATE DOWNSHIFT STRATEGY			STD
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
84V-001	DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS			STD
353-076	QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH BLUNTCUTS			\$200.00
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD



Prepared for:  
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Data Code	Description	Weight Front	Weight Rear	Retail Price
345-078	HEAVY DUTY ELECTRONIC TRANSMISSION SHIFT CONTROL, COLUMN MOUNTED			(\$254.00)
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
<b>Front Axle and Equipment</b>				
400-1A9	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190		\$1,865.00
402-1B1	MERITOR EX-L AIR DISC FRONT BRAKES			\$777.00
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-004	FRONT DISC BRAKE ROTORS			N/C
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-030	FRONT AIR DISC BRAKE INTERNAL ADJUSTERS			N/C
406-001	STANDARD KING PIN BUSHINGS			STD
536-012	TRW TAS-85 POWER STEERING	40		N/C
539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR	5		\$48.00
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE			\$17.00
<b>Front Suspension</b>				
620-026	16,000# TAPERLEAF FRONT SUSPENSION	200		\$1,151.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
410-001	FRONT SHOCK ABSORBERS			STD
<b>Rear Axle and Equipment</b>				
420-074	RT-40-160 40,000# R-SERIES TANDEM REAR AXLE		370	\$4,122.00
421-489	4.89 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-10	-10	\$157.00
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES			STD





Prepared for:  
Dan Humphreys  
Owosso City Of  
522 Milkauee

Owosso, MI 48867  
Phone: 989-725-0556



Prepared by:  
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E-Mail: mdenno@dktruck.com

Data Code	Description	Weight Front	Weight Rear	Retail Price
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30	\$1,317.00
878-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE			N/C
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH			N/C
87B-008	INDICATOR LIGHT FOR EACH DIFFERENTIAL LOCKOUT SWITCH			N/C
423-1A4	MERITOR EX-L OPTIMIZED AXIAL AIR DISC REAR BRAKES		-80	\$1,931.00
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-003	STANDARD BRAKE CHAMBER LOCATION			STD
451-005	REAR DISC BRAKE ROTORS			N/C
425-002	REAR BRAKE DUST SHIELDS		10	\$180.00
440-006	REAR OIL SEALS			STD
426-094	AIR DISC LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS			N/C
428-030	REAR AIR DISC BRAKE INTERNAL ADJUSTERS			N/C
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			N/C
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-311	HENDRICKSON HAULMAAX EX 40,000# REAR SUSPENSION		110	\$4,617.00
621-1AP	HENDRICKSON HAULMAAX/ULTIMAAX - 10.50" RIDE HEIGHT			N/C
624-011	52 INCH AXLE SPACING			STD
628-010	HENDRICKSON HN, HAULMAAX AND ULTIMAAX SERIES STEEL BEAMS WITH BAR PIN			N/C
623-016	STANDARD DUTY FORE/AFT AND HEAVY DUTY TRANSVERSE CONTROL RODS			N/C
625-008	DOUBLE REBOUND STRAP - INBOARD AND OUTBOARD		13	\$100.00
Brake System				
490-100	WABCO 4S/4M ABS			N/C
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER			\$11.00
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL			N/C
460-1AE	STEEL AIR TANKS MOUNTED FOR MAX GROUND CLEARANCE, (BELLY PLOW - AA3-073)			\$165.00
477-011	PETCOCK DRAIN VALVES ON ALL AIR TANK(S)			(\$3.00)
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI	290	260	\$1,878.00
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	180		\$800.00
548-803	TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT			N/C
552-049	2125MM (84 INCH) REAR FRAME OVERHANG			N/C
55W-008	FRAME OVERHANG RANGE: 81 INCH TO 90 INCH	-40	180	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20	\$691.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.38 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 100.38 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 345.24 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 35.84 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 181.12 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Chassis Equipment</b>				
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-100		(\$294.00)
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15		\$80.00
551-001	HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS SUSPENSIONS ONLY			(\$77.00)
44Z-005	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE, SECONDARY COVERING, & CONNECTOR PROTECTION			\$945.00
605-017	LEVEL FRAME RAILS (+1%, -0%) WHEN CHASSIS IS LOADED TO FRONT AND REAR SUSPENSION RATINGS			\$146.00
<b>Fuel Tanks</b>				
* 204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH FUEL TANK WILL BE DELETED BY BODY COMPANY			STD
* 218-006	25 INCH DIAMETER FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
* 212-007	FUEL TANK(S) FORWARD			STD
232-510	10 GALLONS ADDITIONAL FUEL			\$100.00
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-077	ALLIANCE FUEL FILTER/WATER SEPARATOR WITH HEATED BOWL AND PRIMER PUMP	15		\$105.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
<b>Tires</b>				
093-1AX	MICHELIN XZE2 11R22.5 16 PLY RADIAL FRONT TIRES	24		(\$38.00)
094-0GK	MICHELIN XDN2 11R22.5 14 PLY RADIAL REAR TIRES		152	(\$152.00)
<b>Hubs</b>				
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Wheels</b>				
502-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26		STD
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104	STD
496-011	FRONT WHEEL MOUNTING NUTS			STD
497-011	REAR WHEEL MOUNTING NUTS			STD
498-011	NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES			\$68.00
<b>Cab Exterior</b>				
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTING			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
667-037	SHORT FENDER WITH MUDFLAP			\$141.00
678-001	LH AND RH GRAB HANDLES			STD
646-041	STATIONARY BLACK GRILLE			STD
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE			STD
644-004	FIBERGLASS HOOD			STD
690-016	CAB FLOOR, TOE BOARD AND FIREWALL HEAT SHIELD	5		\$135.00
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK			(\$23.00)
726-002	DUAL ELECTRIC HORNS			\$14.00
728-001	SINGLE HORN SHIELD			STD
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS			STD
302-047	LED AERODYNAMIC MARKER LIGHTS			\$34.00
294-1AY	INTEGRAL LED STOP/TAIL/BACKUP LIGHTS			\$175.00
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
677-062	FIXED CAB MOUNTED STEPS LH AND RH FOR CAB ENTRY, BELLY PLOW BODY WITH HIGH GROUND CLEARANCE DOES NOT COMPLY FMCSR 399			\$106.00
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			(\$117.00)
654-011	RH AND LH ELECTRIC POWERED WINDOWS			\$218.00
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			(\$80.00)
<b>Cab Interior</b>				
055-019	RUGGED TRIM PACKAGE			STD
707-107	GRAY & CARBON VINYL INTERIOR "RUGGED"			STD
70K-020	CARBON WITH PREMIUM GUNMETAL ACCENT (RUGGED)			\$100.00
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-026	(1)DASH MOUNTED 12V POWER OUTLET (1)DASH MOUNTED DUAL 2.1 AMP USB-C CHARGER			\$43.00
691-001	FORWARD ROOF MOUNTED CONSOLE			\$568.00
693-035	LH AND RH KICKPLATES			\$200.00
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-029	M2/SD DASH			\$121.00
720-002	2-1/2 LB. FIRE EXTINGUISHER	5		\$37.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE			\$31.00
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-034	PREMIUM INSULATION			\$145.00
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
324-1B3	STANDARD LED CAB LIGHTING			\$55.00
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-004	KEY QUANTITY OF 4			\$18.00
655-028	LH AND RH ELECTRIC DOOR LOCKS WITH AUTO UNLOCK FEATURE WHEN DOOR IS SET FROM OPEN TO CLOSED POSITION			\$122.00
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		\$167.00
760-337	BASIC ISRINGHAUSEN HIGH BACK NON SUSPENSION TOOL BOX PASSENGER SEAT			\$236.00
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4		\$69.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER			\$25.00
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER			\$22.00
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN			\$478.00
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES			\$95.00
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
<b>Instruments &amp; Controls</b>				
106-002	ELECTRONIC ACCELERATOR CONTROL			STD
732-998	NO INSTRUMENT PANEL-DRIVER			(\$324.00)
734-022	FULLY CONFIGURABLE CENTER INSTRUMENT PANELS			(\$53.00)
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-002	BRIGHT ARGENT FINISH GAUGE BEZELS			\$1.00
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE			STD
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			\$25.00
721-001	97 DB BACKUP ALARM		3	\$47.00
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY			\$19.00
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-072	ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS			\$110.00
48H-001	QUICKFIT POWERTRAIN INTERFACE CONNECTOR LOCATED BETWEEN SEATS WITH CAPS			\$77.00
4CG-008	8 EXTRA PROGRAMMABLE SWITCHES/INDICATORS			\$70.00
	\$C1B0000ZZ,C1C0000ZZ,C1D0000ZZ,C1E0000ZZ,C1F0000ZZ,C1G0000ZZ,C1H0000ZZ,C1J0000ZZ			
48C-001	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) BETWEEN SEATS WITH CAP			N/C
163-014	ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
854-008	DIGITAL ENGINE OIL TEMPERATURE IN DRIVER DISPLAY			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			N/C
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
679-998	NO OVERHEAD INSTRUMENT PANEL			(\$69.00)
35M-011	QUICKFIT PROGRAMMABLE INTERFACE MODULE + (4) 20 AMP FUSED RELAYS	10		\$173.00
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939			\$490.00
747-001	DASH MOUNTED RADIO			STD
750-002	(2) RADIO SPEAKERS IN CAB			STD
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD			\$9.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			\$76.00
752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM			\$293.00
74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS			STD
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-1C8	DETROIT CONNECT PLATFORM HARDWARE			STD
8D1-303	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT			N/C
6TS-005	TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL			\$40.00
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
81Y-005	PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY			\$12.00
264-030	(1) OVERHEAD MOUNTED LANYARD CONTROL FOR DRIVER AIR HORN			STD
842-006	DIGITAL TURBO AIR PRESSURE IN DRIVER DISPLAY			N/C
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS			N/C
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT			STD
298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY			STD
Design				
065-000	PAINT: ONE SOLID COLOR			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Color</b>				
980-1U4	CAB COLOR A: L2685EY RED ELITE EY			N/C
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
963-003	STANDARD E COAT/UNDERCOATING			STD
<b>Certification / Compliance</b>				
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD

#### Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight*	9384 lbs	7243 lbs	16627 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight*	9384 lbs	7243 lbs	16627 lbs

#### Dealer Installed Options

		Weight Front	Weight Rear	Price
PREP	DEALER PRE DELIVERY INSPECTION	0	0	\$500.00
	Total Dealer Installed Options	0 lbs	0 lbs	\$500.00

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(\*\*) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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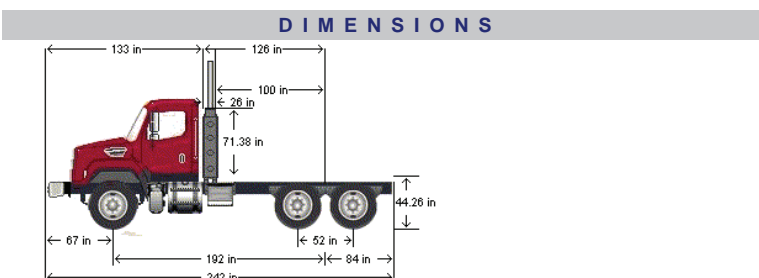
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#### TABLE SUMMARY - DIMENSIONS

Dimensions	Inches
Bumper to Back of Cab (BBC)	132.9
Bumper to Centerline of Front Axle (BA)	67.3
Front Axle to Back of Cab (AC)	65.6
Min. Cab to Body Clearance (CB)	26.0
Back of Cab to Centerline of Rear Axle(s) (CA)	126.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	100.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	25.8
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	26.0
Back of Cab to End of Frame	210.1
Cab Height (CH)	71.4
Wheelbase (WB)	191.9
Frame Overhang (OH)	83.7
Overall Frame Length	345.2
Overall Length (OAL)	342.9
Rear Axle Spacing	52.0
Unladen Frame Height at Centerline of Rear Axle	44.3

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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July 11, 2023

City of Owosso  
522 Milwaukee Street, Owosso, MI 48867  
Attn: Zach Ryan, ph: (989) 277-4088  
HQ0003786



State Contract Hyperlink No: [200000000034](#)

Equipment Quotation utilizing the state contract awarded to Truck & Trailer Specialties, Inc.

- Install Crysteel 13' Select Dump Body including the following:**  
156" length, 84" inside width, 96" outside width  
50" front height, 34" side height and 46" rear height  
A1011 steel construction  
Sides, ends, braces, supports are 7-gauge A1011 steel  
Boxed top rail, single panel, pressed-in horizontal side braces  
16" board pockets front, 12" board pockets rear  
¼" AR450 steel floor  
8" floor-to-side radius  
Western 12" I-beam type crossmemberless understructure  
18" deep rear pillars  
Air-operated double-acting tailgate  
9-panel tailgate design constructed of 7-gauge A1011 steel  
1/2 cabshield constructed of 7-gauge A1011 steel  
Install body prop kit on each side of the frame  
Install 4-hole light wedges on rear pillars for lighting  
Install grab handle on cabshield, streetside  
Install one (1) shovel holder and one (1) rake holder, both on the curbside of bulkhead  
Install two (2) grab handles with 3 fixed steps on driver-side rear of dump with one hanging below dump  
Install mudflaps mounted fore and aft of drive tires, hanging from dump box
- Install Crysteel model RC690 Roller-Combo Underbody Hoist including the following:**  
Double-acting with grease lube manifold  
Rear hinge assembly with stainless steel pins  
**Crysteel body and hoist warranty is 5 years, 100% parts and labor for years 1-3, 50% for years 4-5**
- Install US Tarp model 11450 Electric Tarp System including the following:**  
Steel tarp arms  
Aluminum tarp housing 98" wide  
Direct-drive motor  
Mesh-type tarp cover
- Install Central Hydraulic System including the following:**  
**Rexroth A10V085** front-mounted load-sensing piston pump  
Pump is 85cc displacement  
Front crossmember for pump mounting  
Spicer 1310 driveline  
Companion flange on pump side for easy removal of the drive line  
Return line header



900 Grand Oaks Drive | Howell, MI 48843 | [www.ttspec.com](http://www.ttspec.com) | ph: (517) 552-3855 | fx: (517) 552-3666

- 12-volt automatic low-oil shutdown system with override switch installed in cab
- Install Monroe Fuel/Hydraulic Oil/Valve Enclosure Combination Tank including the following:**  
7-gauge type 201 stainless steel tank construction, unpainted (mos. 00193863-B & 15570)  
100-gallon fuel capacity  
30-gallon oil capacity, filled with AW32 hydraulic oil  
Valve enclosure integral to the tank  
Mounting brackets are 4" ship and car channel  
Ispro solid state fuel gauge sending unit  
Ball-valve shutoff on supply line and case and fuel ports  
Tank-mounted return line oil filter  
Low oil sending unit  
Tank is full of AW32 hydraulic oil  
Sight/temp indicator gauge  
Suction strainer  
Tank labels included  
Install fuel hook mounted on tank for safety  
Install 3-step egress serrated bar stock & catwalk from driver's side fender to reservoir, painted Black
- Install Rexroth 4m4-12 Load-Sense Hydraulic Valve Assembly including the following:**  
Air-operated section for Dump Hoist with LS relief for down pressure  
Air-operated section for Scraper with LS relief for down pressure  
Air-operated section for Scraper swing  
Air-operated motorspooled section for Wing Plow  
Above valves within stainless steel enclosure mounted above frame, back of cab
- Install Air Control Levers including the following:**  
Apsco single-axis air levers mounted in center console for a total of 4 levers in position (L-R) from driver:
- |    |                                       |
|----|---------------------------------------|
| #1 | Scraper up/down                       |
| #2 | Scraper left/right                    |
| #3 | Dump Hoist up/down with safety detent |
| #4 | Wing Plow up/down                     |
- All necessary hoses and fittings
- Install 12" C-channel Front Bumper with tapered ends including the following:**  
Bumper cut-outs and remount front tow hooks on frame rails  
All necessary supports and braces  
Return OEM bumper back to City
- Install Monroe 10' model MS4510 Underbody Scraper with 1' bolt-on extension including the following:**  
1" thick x 20" high x 10' long moldboard  
½" thick hanger board with grease manifold brackets installed  
2-1/2" O.D. hinge shaft  
Two heavy-duty shock absorbers  
Bolt-in trunnion caps for canisters; outer arm remains bolt-on style  
Two 3-1/2" x 10" actuating cylinders; Socatri rods  
Cushion valve  
1" solid circle with 5" center pin  
Center pin is piloted into hanger board  
Two 4" x 12" reversing cylinders; Socatri rods  
Three hinge anchor points  
Hydraulic pipes  
20.5" x 7" poly hold down blocks  
Hose kit and j-50 type relief valve  
¾" solid hanger plates



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Mounting hardware  
Parts-installation manual  
Grease line kit with manifolds  
Install stainless steel grease manifold covers on each side of moldboard  
Install serrated step on end of moldboard, streetside  
Install standard mild steel cutting edge  
Install 10' scraper with 1' bolt-on extension on curbside end of moldboard  
Install Kennametal single-insert carbide cutting edges for 11' scraper (2-4' & 1-3' sections)  
Supply additional two (2) sets of Kennametal single-insert carbide cutting edges for 11' scraper, (4-4' & 2-3' sections) (shipped loose)  
Install one (1) Kennametal (mo. KCWB-0307A) carbide curbguard on the curbside end of the moldboard  
Supply additional two (2) Kennametal (mo. KCWB-0307A) carbide curbguards (shipped loose)

**Install Monroe 9' Para-Glide Patrol Wing for tandem axle chassis including the following:**  
Moldboard inboard shall be 27" and outboard height to be 28"  
Both inboard and outboard measurements include the 8" cutting edge installed  
Moldboard shall be 3/16" A36 steel & includes a 4" x 4" x 3/4" bottom angle  
Top of moldboard shall be formed into a 2-3/4" x 1" channel for additional strength  
Para-Glide style wing post mounted behind the scraper  
Wing post shall be of a trailing link style with 12" of lift and designed to allow the moldboard to float up a minimum of 8-12" when in the plowing position  
Banjo plate includes captive design feature  
Twin rear-mounted, cushioned push-arms with rear lift cylinder to operate the heel  
Push-arms includes bolt-in design and grease zerks for ease of maintenance  
Moldboard is powder-coated Orange  
D-type rubber bumper stops & safety chain at rear  
5" x 7" rear crosstube for rear wing support  
Sequencing valve with hoses and couplers  
Stainless steel couplers for wing circuits  
Install a stainless steel light box on the wing moldboard with a SoundOff LED nForce (mo. ENFSLSRV12) amber/green flasher light pointed rearward and an LED marker light pointed forward  
Install 5/8" x 8" x 108" reverse-curve steel cutting edge  
Install two (2) cast-iron, reverse-curve wing shoes (TTS part# TTWS)  
Install one (1) curved carbide curbguard (TTS part# 4191060)  
Supply additional two (2) 5/8" x 8" x 108" reverse-curved steel cutting edges (shipped loose)  
Supply additional four (4) cast-iron, reverse-curve wing shoes (TTS part# TTWS) (shipped loose)  
Supply additional two (2) curved carbide curbguards (TTS part# 4191060) (shipped loose)

**Install Custom Lighting & Electrical including the following:**  
OEM chassis switches to be wired to warning lights and work lights including:  
front flashers, rear flashers, green flashers & work lights  
Indicator lights in cab console including:  
body-up, pump shutdown & low oil  
Console switches including:  
tarp open/close, pump shutdown/override & air tailgate w/safety cap  
Eight (8) SoundOff mPower (mo. EMPC2SMS4) LED split amber/green flashers flush-mounted:  
Two (2) on chassis grille (on separate switch)  
Two (2) on cabshield, front-facing  
Two (2) on bottom of cabshield, side-facing  
Two (2) side-facing near rear of dump  
Install 4-hole 6" oval light boxes at rear of dump with the following in each box:  
SoundOff LED solid green flashers in top holes (on separate switch)



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SoundOff LED STT lights, 2<sup>nd</sup> from top  
SoundOff LED backup lights, 3<sup>rd</sup> from top  
SoundOff LED solid amber flashers, in bottom holes  
Two (2) Maxxima 4" LED scraper work lights, one on each side  
One (1) Maxxima 4" LED work light to illuminate wing  
Miscellaneous lighting and wiring  
FMVSS108 reflectors  
LED markers on body with 3-light cluster under tailgate  
Betts junction box mounted at the rear of the dump body  
Proximity switch for body-up light  
Back-up alarm

**Install Voyager Rearview Camera with Wash System including the following:**  
System tying into chassis wiper fluid reservoir  
Chassis wiper controls for activating wash system, momentary in-cab switch for air puffer  
Air puffer & washer fluid tubing  
VCM524B color camera, high performance and waterproof, mounted at rear of truck  
MSF5000 stainless steel camera box  
CEC34L1 loomed 34' main cable for monitor  
VOSH6MNT double-knuckle monitor mount  
VOM719WP 7" LCD color monitor, waterproof

**Install Flaming River electrical disconnect switch with 6-minute time delay wired to amber LED indicator light mounted in cab skirt**

**Install Rear Hitch Plate 3/4" Steel with side supports including the following:**  
PH-20 pintle hook, multi-drill hitch plate for adjustable mounting  
Two (2) heavy-duty D-rings for safety chains  
OEM taillights mounted above hitch plate, between frame rails  
7-way RV flat pin trailer plug  
Rear tow hooks outside frame rails

**Install Minimizer Floor Mats for Freightliner (mo. FKFRTL2B-MIN / 10002265)**

**Paint Dump body and cabshield one color Red (paint code required from City)**

**Paint Bottom of the body, body hinge, body props, rear hitch and attaching hardware painted Black**

**Above installed, painted one-color pricing: \$109,933.00 ea.**

Parts and owner's manuals, 1-year parts and labor warranty on all components.

**Chassis requirements to be confirmed at order entry:**  
Tandem Axle, Freightliner SD114 (D&K – Mike Denno)  
CT: 126"  
Highest ground clearance  
Battery box behind the cab on the left side of the frame-mount box as far rearward as possible  
SCR and DPF mounted behind the cab on top of the frame on the right side  
13-gallon DEF tank mounted behind drive tire  
Front of engine PTO provision  
52" rear axle spacing  
Air tanks mounted between the frame rails for maximum ground clearance  
Trailer wiring to rear  
Front frame extension  
Include OEM front bumper



# TRUCK & TRAILER Specialties, Inc.

900 Grand Oaks Drive | Howell, MI 48843 | [www.ttspec.com](http://www.ttspec.com) | ph: (517) 552-3855 | fx: (517) 552-3666

60-gallon fuel tank mounted under the driver's door  
Stationary grille  
6 dash-mounted analog switches for lighting functions

**Payment Terms:** Net 30. Pricing effective for 30 days.

**FOB:** City of Owosso

**Delivery:** 390-420 days ARO, depending on chassis arrival

**Thank you for the opportunity to quote.**

Respectfully submitted by,  
Jon Luea/Brian Bouwman



## STATE OF MICHIGAN CENTRAL PROCUREMENT SERVICES

Department of Technology, Management, and Budget

320 S. WALNUT ST., LANSING, MICHIGAN 48933  
P.O. BOX 30026 LANSING, MICHIGAN 48909

### CONTRACT CHANGE NOTICE

Change Notice Number **8**

to

Contract Number **071B6600119**

<b>CONTRACTOR</b>	D & K TRUCK COMPANY	<b>STATE</b>	Program Manager	Scott Poyer	MDOT
	3020 Snow Rd			517-284-6448	
	Lansing, MI 48917		Contract Administrator	poyers@Michigan.gov	
	Edward Merrill			Yvon Dufour	DTMB
	517-484-1905			(517) 249-0455	
	emerrill@dktruck.com			dufoury@michigan.gov	
	CV0019340				

CONTRACT SUMMARY				
VEHICLES - CAB & CHASSIS				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE	
October 19, 2016	November 30, 2021	1 - 2 Year	November 30, 2023	
PAYMENT TERMS		DELIVERY TIMEFRAME		
NET 45				
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING	
<input type="checkbox"/> P-Card <input type="checkbox"/> PRC <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
MINIMUM DELIVERY REQUIREMENTS				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		November 30, 2023
CURRENT VALUE		VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE	
\$28,500,001.00		\$0.00	\$28,500,001.00	
DESCRIPTION				
Effective 11/14/2022 pricing on this contract is hereby updated, per revised Schedule D1 - Pricing. All other terms, conditions, specifications and pricing remain the same. Per contractor request, and DTMB Procurement approval.				





**STATE OF MICHIGAN PROCUREMENT**  
Department of Technology, Management & Budget  
525 W. Allegan Street Lansing, MI 48933  
P.O. Box 30026 Lansing, MI 48909

**NOTICE OF CONTRACT**

NOTICE OF CONTRACT NO. **200000000034**  
between  
THE STATE OF MICHIGAN  
and

CONTRACTOR	Truck & Trailer Specialties, Inc.	STATE	Program Manager	Scott Poyer	MDOT
	3286 Hanna Lake industrial Drive			517-284-6448	
	Dutton, MI 49316			poyers@michigan.gov	
	Dan Bouwman		Contract Administrator	Yvon Dufour	DTMB
	616-698-8215			517-249-0455	
	dbouwman@ttspec.com			dufoury@michigan.gov	
	CV0030059				

CONTRACT SUMMARY			
DESCRIPTION: Winter Maintenance Truck Components			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
10/22/2019	11/30/2024	2, one year	
PAYMENT TERMS		DELIVERY TIMEFRAME	
45 Days		120 days, 180 days (custom items)	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Payment Request (PRC) <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
MISCELLANEOUS INFORMATION			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION			10,000,000.00



## MEMORANDUM

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

---

DATE: August 21, 2023

TO: Mayor Teich and Owosso City Council

FROM: Ryan E. Suchanek, Director of Public Services & Utilities

SUBJECT: Emergency Purchase of 2022 John Deere 5065E Utility Tractor for DPW

### RECOMMENDATION:

Approval to purchase one (1) brand new 2022 John Deere 5065E Utility Tractor, as well as service and parts manuals from Hutson, Inc. of Williamston, Michigan, in the amount of \$37,343.84.

### BACKGROUND:

The City's existing New Holland 4X4 tractor, purchased in 2005, recently blew a rod through the side wall of the engine block. This tractor currently has almost 8,400 service hours on it and repair of the engine would cost more than the unit is worth. It has expended its useful service life of 15 years and then some. and should have been replaced in 2020.

Currently, the DPW is using three (3) smaller mowers in its place, attempting to keep up with the mowing. Not only is this inefficient as it requires additional workers, but it also puts stress on the smaller mowers using them to complete jobs that would best be handled by a larger tractor. For these reasons staff recommends the immediate purchase of a replacement unit under the City's emergency exception to competitive bidding (Sec. 2-346(5)).

Utilizing the current MiDeal contract, a 2023 John Deere 5065E mower would cost \$41,532.93 (list price without MiDeal is \$47,739.00). Upon approaching the vendor holding the state contract an additional purchase option came to light when the vendor indicated they have one remaining 2022 model in stock they could sell to the City. Because this 2022 John Deere 5065E is left over from last year's stock, it does not qualify for the MiDeal contract. However, at the quoted price of \$36,995.00, it is a savings of \$4,537.93 compared to the equivalent model from the current year.

\$41,532.93 – 2023 John Deere 5065E Utility Tractor (list price of \$47,739.00)  
\$36,995.00 – 2022 John Deere 5065E Utility Tractor  
\$ 4,537.93 – Savings buying a brand new unit from the previous model year

Waiver of the competitive bidding process in accordance with the City of Owosso Purchasing Policy is requested, both due to the urgency of needed specialized equipment, and in order to take advantage of a deal on a brand new unit that is last year's model, which is even cheaper than the current MiDeal State Contract competitive pricing.

New 2022 John Deere 5065E Utility Tractor	\$36,995.00
John Deere PC13110 Parts Manual for 5065E Tractor	\$ 210.00
John Deere TM902519 Service Manual for 5065E Tractor	<u>\$ 138.84</u>
<b>Total</b>	<b>\$37,343.84</b>

#### **FISCAL IMPACTS:**

This tractor was not included in the fiscal year 2023/24 budget. Thus the Fleet Motor Pool replacement schedule has been reorganized. As well as grants being sought after for other equipment. These efforts combined to offset the emergency costs purchase. The quoted total price of \$37,343.84 is for the tractor and its corresponding parts and service manuals. It will be funded from the FY2023-2024 Fleet Motor Pool Fund 661-901-979.000.

#### **Document originated by:**

Ryan E. Suchanek, Director of Public Services & Utilities

Attachments: (1) Resolution

(2) Hutson Quote for 2022 John Deere 5065E Utility Tractor

(3) Hutson Quote for 2023 John Deere 5065E Utility Tractor - MiDeal

**RESOLUTION NO.**

**AUTHORIZING EMERGENCY PURCHASE OF  
A 2022 JOHN DEERE 5065E UTILITY TRACTOR  
FROM HUTSON, INC. OF WILLIAMSTON, MICHIGAN  
FOR USE IN THE FLEET MOTOR POOL**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has an emergent need in the Fleet Motor Pool Replacement Fund for the replacement of a 4X4 Tractor to be used for grounds maintenance of City owned properties; and

WHEREAS, the existing New Holland 4X4 tractor purchased in 2005 has broken down and expended its useful life; and

WHEREAS, the City of Owosso Director of Public Services & Utilities has reviewed the current model year replacement equipment on the State of Michigan MiDeal Contract as priced by Hutson, Inc. as well as a previous years' model, and recommends authorizing a purchase agreement between the City of Owosso and Hutson, Inc. for the purchase of a new end-of-model-year 2022 John Deere utility tractor directly from Hutson, Inc.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to contract with Hutson, Inc. of Williamston, Michigan for the emergency purchase of a 2022 John Deere 5065E utility tractor and corresponding service and parts manuals, for use in the Fleet Motor Pool, in the amount of \$37,343.84, and to waive the competitive bidding process as normally required by the City Purchasing Policy.
- SECOND: The contract between the City of Owosso and Hutson, Inc. shall be in the form of a City Purchase Order in an amount not to exceed \$37,343.84.
- THIRD: The accounts payable department is authorized to submit payment to Hutson, Inc. in the amount of \$37,343.84.
- FOURTH: The above expenses shall be paid from account no. 661-901-979.000.

**Customer:**

**Quotes are valid for 30 days from the creation date or upon contract expiration, whichever occurs first.**

**A Purchase Order (PO) or Letter of Intent (LOI) including the below information is required to proceed with this sale. The PO or LOI will be returned if information is missing.**

Vendor: Deere & Company

- ☐ 2000 John Deere Run  
Cary, NC 27513
- ☐ Signature on all LOIs and POs with a signature line
- ☐ Contract name or number; or JD Quote ID
- ☐ Sold to street address
- ☐ Ship to street address (no PO box)
- ☐ Bill to contact name and phone number
- ☐ Bill to address
- ☐ Bill to email address (required to send the invoice and/or to obtain the tax exemption certificate)
- ☐ Membership number if required by the contract

**For any questions, please contact:****Mike Hugenot**

Hutson, Inc.  
2 Industrial Park Drive  
Williamston, MI 48895

Tel: 517-655-4606

Fax: 517-655-3156

Email: [mhugenot@hutsoninc.com](mailto:mhugenot@hutsoninc.com)

Quotes of equipment offered through contracts between Deere & Company, its divisions and subsidiaries (collectively "Deere") and government agencies are subject to audit and access by Deere's Strategic Accounts Business Division to ensure compliance with the terms and conditions of the contracts.

**ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):**

Deere & Company  
2000 John Deere Run  
Cary, NC 27513  
FED ID: 36-2382580  
UEID: FNSWEDARMK53

**ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:**

Hutson, Inc.  
2 Industrial Park Drive  
Williamston, MI 48895  
517-655-4606  
williamston@hutsoninc.com

**Quote Summary**
**Prepared For:**

CITY OF OWOSSO  
301 W MAIN ST  
OWOSSO, MI 48867  
Business: 517-763-9085

**Delivering Dealer:**

**Hutson, Inc.**  
Mike Huguenot  
2 Industrial Park Drive  
Williamston, MI 48895  
Phone: 517-655-4606  
mhuguenot@hutsoninc.com

**Quote ID:** 29301599  
**Created On:** 26 July 2023  
**Last Modified On:** 15 August 2023  
**Expiration Date:** 06 September 2023

Equipment Summary	Suggested List	Selling Price	Qty	Extended
JOHN DEERE 5065E Utility Tractor	\$ 47,739.00	\$ 41,532.93 X	1 =	\$ 41,532.93
<b>Contract:</b> MI Ag, Grounds, and Roadside 071B7700085 (PG 3W CG 22)				
<b>Price Effective Date:</b> November 4, 2022				
<b>Equipment Total</b>				<b>\$ 41,532.93</b>

\* Includes Fees and Non-contract items

**Quote Summary**

Equipment Total	\$ 41,532.93
Trade In	
SubTotal	<b>\$ 41,532.93</b>
Est. Service Agreement Tax	\$ 0.00
Total	\$ 41,532.93
Down Payment	(0.00)
Rental Applied	(0.00)
<b>Balance Due</b>	<b>\$ 41,532.93</b>

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_



# Selling Equipment

Hutson

Quote Id: 29301599 Customer Name: CITY OF OWOSSO

**ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):**

Deere & Company  
2000 John Deere Run  
Cary, NC 27513  
FED ID: 36-2382580  
UEID: FNSWEDARMK53

**ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:**

Hutson, Inc.  
2 Industrial Park Drive  
Williamston, MI 48895  
517-655-4606  
williamston@hutsoninc.com

## JOHN DEERE 5065E Utility Tractor

Hours: Suggested List \*  
Stock Number: \$ 47,739.00  
Contract: MI Ag, Grounds, and Roadside 071B7700085 (PG 3W CG 22) Selling Price \*  
Price Effective Date: November 4, 2022 \$ 41,532.93

\* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
1746LV	5065E Utility Tractor	1	\$ 31,222.00	13.00	\$ 4,058.86	\$ 27,163.14	\$ 27,163.14
Standard Options - Per Unit							
0202	United States	1	\$ 0.00	13.00	\$ 0.00	\$ 0.00	\$ 0.00
0409	English Operator's Manual and Decal Kit	1	\$ 0.00	13.00	\$ 0.00	\$ 0.00	\$ 0.00
1381	12F/12R PowrReverser™ Transmission - 540/540E (PR)	1	\$ 3,288.00	13.00	\$ 427.44	\$ 2,860.56	\$ 2,860.56
1799	Less Loader Prep Package	1	\$ 0.00	13.00	\$ 0.00	\$ 0.00	\$ 0.00
2006	Open Operator Station - 4WD	1	\$ 0.00	13.00	\$ 0.00	\$ 0.00	\$ 0.00
3420	Dual Mid Valves with Joystick Control	1	\$ 1,427.00	13.00	\$ 185.51	\$ 1,241.49	\$ 1,241.49
5113	21.5L-16.1In. 6PR R3 Bias	2	\$ 1,250.00	13.00	\$ 162.50	\$ 1,087.50	\$ 2,175.00
6040	Mechanical Front Wheel Drive (MFWD)	1	\$ 6,502.00	13.00	\$ 845.26	\$ 5,656.74	\$ 5,656.74
6111	11L-15 in 10PR F3 Bias	2	\$ 1,400.00	13.00	\$ 182.00	\$ 1,218.00	\$ 2,436.00
Standard Options Total			\$ 13,867.00		\$ 1,802.71	\$ 12,064.29	\$ 14,369.79
Value Added Services							
Total			\$ 0.00			\$ 0.00	\$ 0.00
Total Selling Price			\$ 45,089.00		\$ 5,861.57	\$ 39,227.43	\$ 41,532.93

### Quote Summary

**Prepared For:**  
 CITY OF OWOSSO  
 301 W MAIN ST  
 OWOSSO, MI 48867  
 Business: 517-763-9085

**Prepared By:**  
 Mike Huguenot  
 Hutson, Inc.  
 2 Industrial Park Drive  
 Williamston, MI 48895  
 Phone: 517-655-4606  
 mhuguenot@hutsoninc.com

**Quote Id:** 29394518  
**Created On:** 10 August 2023  
**Last Modified On:** 11 August 2023  
**Expiration Date:** 10 September 2023

Equipment Summary	Suggested List	Selling Price	Qty	Extended
2022 JOHN DEERE 5065E Utility Tractor - 1PY5065ETNN118108	\$ 36,995.00	\$ 36,995.00 X	1 =	\$ 36,995.00
JOHN DEERE PC13110 Parts Manual for 5065E Tractor	\$ 210.00	\$ 210.00 X	1 =	\$ 210.00
JOHN DEERE TM902519 Service Manual for 5065E Tractor	\$ 138.84	\$ 138.84 X	1 =	\$ 138.84
<b>Equipment Total</b>				<b>\$ 37,343.84</b>

### Quote Summary

Equipment Total	\$ 37,343.84
SubTotal	\$ 37,343.84
Est. Service Agreement Tax	\$ 0.00
Total	\$ 37,343.84
Down Payment	(0.00)
Rental Applied	(0.00)
<b>Balance Due</b>	<b>\$ 37,343.84</b>

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_





# Selling Equipment

Hutson

Quote Id: 29394518

Customer: CITY OF OWOSSO

## 2022 JOHN DEERE 5065E Utility Tractor - 1PY5065ETNN118108

Hours:	0			<b>Suggested List</b>
Stock Number:	352102			\$ 36,995.00
				<b>Selling Price</b>
				\$ 36,995.00
Code	Description	Qty	Unit	Extended
1746LV	JOHN DEERE 5065E OS TRACTOR	1	\$ 36,995.00	\$ 36,995.00
<b>Value Added Services Total</b>				<b>\$ 0.00</b>
<b>Suggested Price</b>				<b>\$ 36,995.00</b>
<b>Customer Discounts</b>				
<b>Customer Discounts Total</b>			<b>\$ 0.00</b>	<b>\$ 0.00</b>
<b>Total Selling Price</b>				<b>\$ 36,995.00</b>

## JOHN DEERE PC13110 Parts Manual for 5065E Tractor

Hours:	0			<b>Suggested List</b>
Stock Number:				\$ 210.00
				<b>Selling Price</b>
				\$ 210.00
Code	Description	Qty	Unit	Extended
PC13110	John Deere Parts manual for 5065E Tractor	1	\$ 210.00	\$ 210.00
<b>Suggested Price</b>				<b>\$ 210.00</b>
<b>Customer Discounts</b>				
<b>Customer Discounts Total</b>			<b>\$ 0.00</b>	<b>\$ 0.00</b>
<b>Total Selling Price</b>				<b>\$ 210.00</b>

## JOHN DEERE TM902519 Service Manual for 5065E Tractor

Hours:	0			<b>Suggested List</b>
Stock Number:				\$ 138.84
				<b>Selling Price</b>
				\$ 138.84



JOHN DEERE

# Selling Equipment

*Hutson*

Quote Id: 29394518

Customer: CITY OF OWOSSO

Code	Description	Qty	Unit	Extended
TM902519	John Deere Service Manual for 5065E Tractor	1	\$ 138.84	\$ 138.84
Suggested Price				\$ 138.84
Customer Discounts				
Customer Discounts Total			\$ 0.00	\$ 0.00
Total Selling Price				\$ 138.84



## Extended Warranty Proposal

## PowerGard™ Protection Plan

## Tractors - Utility

Date : August 11, 2023

Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Plan Type:	New	Deductible:	\$ 250
Equipment Type	Tractors - Utility	Coverage:	Comprehensive	Quoted Price	\$ 1,245.00
Model	5065E	Total Months:	36		
Country	US	Total Hours:	1500	Date Quoted	August 10, 2023
MFWD/Tracks	N				

## Scraper Use

THIS PROPOSAL IS VALID FOR 30-DAYS FROM DATE ISSUED. GRACE pricing is offered only early during the Deere basic warranty period and has no surcharges. After this period, DELAYED PURCHASE pricing (surcharged) is offered later during the John Deere Basic Warranty. Many PowerGard quotes presented in the Delayed Purchase Period will require inspection/certification process and must also past fluid testing. The Total Months and Total Hours listed above include the John Deere Basic Warranty terms (24 months / 2000 hours on Tractors, 24 months on Golf & Turf Products, 12 months for all AG Harvesting and Sprayer equipment, and 12 months/1000 hours on most Gator Utility Vehicles). "Limited" Plan coverage = Engine & Powertrain only. "Comprehensive" Plan coverage = Full Machine.

## PowerGard Protection Proposal Prepared for:

I have been offered this extended warranty and

Customer Name - Please Print

☐ I ACCEPT the PowerGard Protection☒ I DECLINE the PowerGard Protection

Customer Signature

If declined, I fully understand that my equipment listed above is not covered for repair expenses due to component failures beyond the original basic warranty period provided by John Deere.

**Note :** This is not a contract. For specific PowerGard Protection coverage terms and conditions, please refer to the actual PowerGard Protection Plan contract for more information and the terms, conditions and limitations of the agreement.

## What PowerGard Protection is :

The PowerGard Protection Plan is an **extended warranty** program for reimbursement on parts and labour for covered components that fail due to faulty material or original workmanship that occur beyond the John Deere Basic Warranty coverage period. The agreement is between Deere & Company and the owners of select John Deere Commercial and Agricultural equipment, who purchase the PowerGard Plans for the desired coverage as indicated in this proposal.

## What PowerGard Protection is not :

PowerGard Protection is **not insurance**. It also does not cover routine maintenance or high wear items, or insurance-related risks/perils such as collision, overturn, vandalism, wind, fire, hail, etc. It does not cover loss of income or loss of value of crops during or after an equipment failure. See the actual product-specific PowerGard Protection Plan agreement for a complete listing of covered components, and limitations and conditions under the program.

**Features/Benefits:**

PowerGard protection include the following features and benefits under the program :

- Pays for parts and labour costs incurred on failed covered components (less any applicable deductibles),
  - Does not require pre-approval before repairs are made by the authorized John Deere dealership,
  - Payments are reimbursed directly to the dealership with no prepayment required by the contract holder.
  - PowerGard Protection agreements ensure that only Genuine John Deere Parts are used in all repairs,
  - PowerGard coverage is fully transferable to future owners, with no transfer fees when coverage remains,
  - PowerGard ensures higher resale value and makes equipment more marketable during the sale or trade-in,
  - PowerGard allows you to budget your total cost of ownership, with financing available through John Deere Credit or other sources,
  - PowerGard helps prevent large,unexpected repair bills during later years of equipment ownership,in exchange for a smaller protection fee up front.
-



## **MEMORANDUM**

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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DATE: August 21, 2023

TO: Mayor Teich and Owosso City Council

FROM: Ryan E. Suchanek, Director of Public Services & Utilities

SUBJECT: WWTP Primary Sludge Pump Replacement

### **RECOMMENDATION:**

Approval of sole source purchase from HESCO Group, Inc. (Novi, MI) in the amount of \$29,000.00, to purchase a new Penn Valley Pump Company double-disc pump for replacement of our current primary sludge pump.

### **BACKGROUND:**

Currently, the Wastewater Treatment Plant uses an air-driven diaphragm pump to pump thickened sludge to the dewatering process. This pump was installed in 2000, and though it has provided adequate service, component failures have become increasingly common along with lead times of replacement parts that are unacceptably long. Pump downtime requires process adjustments that result in inefficient and more costly sludge dewatering.

After investigating pump replacement options, staff is recommending the purchase of a double-disc pump from Penn Valley Pump Company. This pump has a simpler, electrically-driven mode of operation with replacement parts readily available. This pump will be identical to one being installed for a different application, as part of the upcoming Wastewater Treatment Plant Phase I project. Installing the same type and brand of pump will provide operational and maintenance consistency.

Penn Valley Pump Company is a well-known brand in the wastewater industry. They are known for their quality equipment and excellent customer service. Other municipalities that use Penn Valley Pump equipment include: City of Saginaw, Genesee County and City of Charlotte.

Wastewater Treatment Plant staff will install the pump themselves. The existing pump will be maintained as an emergency backup.

HESCO Group, Inc. is the sole authorized provider of Penn Valley Pump equipment for our region. A letter confirming this is attached. Request waiver of purchasing policy formal bid requirements in order to initiate immediate procurement upon approval and authorization.

**FISCAL IMPACTS:**

This item was included in the fiscal year 2023/24 budget. The above expenses in the amount of \$29,000.00 shall be paid from the WWTP Equipment Fund account 599-901-977.000.

**Document originated by:**

Ryan E. Suchanek, Director of Public Services & Utilities

Attachments: (1) Resolution  
(2) HESCO Quote for Sludge Pump & Accessories  
(3) HESCO Sole Source Letter

**RESOLUTION NO.**

**AUTHORIZING THE SOLE SOURCE PURCHASE  
OF A PRIMARY SLUDGE PUMP FOR THE  
WASTEWATER TREATMENT PLANT FROM HESCO GROUP, INC.**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, the Primary Sludge Pump at the Wastewater Treatment Plant requires replacement due to maintenance issues; and

WHEREAS, City staff investigated pump replacement options, and recommends the purchase of a Penn Valley Pump 4-inch double-disc pump, and it is hereby determined that HESCO Group, Inc. is the sole authorized provider of Penn Valley Pumps equipment for our region; and

WHEREAS, waiver of the purchasing policy formal bid requirements is requested for this sole source purchase.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to authorize the sole source purchase of a Penn Valley Pump double-disc pump, Model No. 4DDSX30CNU-MK3, at a cost of \$29,000.00.
- SECOND: The purchase agreement between the City and HESCO Group, Inc. shall be in the form of a City Purchase Order.
- THIRD: The Accounts Payable department is authorized to submit payment to HESCO Group, Inc. upon satisfactory delivery of said equipment.
- FOURTH: The above expenses shall be paid from the WWTP Equipment Fund Account No. 599-901-977.000.

**TO:** Tim Guysky  
City of Owosso  
301 W. Main St.  
Owosso MI 48867

Monday, March 6, 2023

**QUOTE #:** 2513-2  
**SALESPERSON:** Kip Koszewski

timothy.guysky@ci.owosso.mi.us

## PVP - 4 Inch Pump

LINE ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	LINE TOTAL
1.00	4" PVP Model 4DDSX30CNU-MK3 4" Model 4DDSX30CNU-MK3 Penn Valley Double Disc Pump unit: <ul style="list-style-type: none"><li>• 4" ASA/ANSI 150# flanged suction and discharge connections</li><li>• Cast iron housing with glass lining and neoprene elastomers</li><li>• Maintain-in-place hinged housing design for ease of maintenance</li><li>• Two-piece swan neck design with full port rigid clack valve</li><li>• 5 HP, 1160RPM 230-460/3/60 TEFC Severe duty, inverter ready motor with thermal overloads and AEGIS shaft grounding rings</li><li>• 210 RPM Max pump speed achieved with V-belt and pulley drive</li><li>• Suction and Discharge pulsation dampeners</li><li>• 304SS Welded base with OSHA approved guards and covers</li><li>• Pump and dampeners coated with industrial primer and topcoat</li><li>• Per drawing PVD760 side motor mount</li></ul>	1	EA	23,780.00	\$23,780.00
2.00	Model PVP420VS Suction Vacuum Switch Assembly Model PVP420VS Suction vacuum switch assembly consisting of: 1" NPT SS316 sensor w/ EPDM sleeve, NEMA 4X adjustable switch and 4" (30" Hg-30 psig) SS gauge. Mounts to top of dampener to indicate suction conditions. (Must be wired to pump starter/VFD.)	1	EA	1,260.00	\$1,260.00
3.00	Discharge Pressure Switch Assembly Model PVP420PS Discharge pressure switch assembly consisting of: 1" NPT SS316 sensor w/ EPDM sleeve, NEMA 4X adjustable switch and 4" (0-100psi) SS gauge. Mounts to top of dampener to protect against over pressurization. (Must be wired to pump starter/VFD.)	1	EA	1,260.00	\$1,260.00



# QUOTE



*Knowledgeable • Professional • Attentive • Likeable*

29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

4.00	Hesco Field Service HESCO Service (1) - Day of start-up and training services (one trip/one day onsite)	1	EA	2,000.00	\$2,000.00
5.00	Freight Estimated transport to site. Estimated weight of shipment is one skid at 950 lbs.	1	EA	700.00	\$700.00
				<b><i>SUBTOTAL:</i></b>	<b>29,000.00</b>
				<b><i>MI SALES TAX:</i></b>	<b>0.00</b>
				<b><i>TOTAL:</i></b>	<b>29,000.00</b>

Ship Via:	Best Way FOB Factory	Shipping Terms:	Included as Line Item
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Payment Terms:	Net 30	Quote Valid Through:	09/30/2023
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Lead Time:	Shop Drawing Submittals: 2-4 Weeks Shipment: 10-12 Weeks After approved submittals returned
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Tim,

Please see attached updated PVP 4" Quote per our meeting earlier this week at your Facility. Let us know if you need any additional information once you review.

Thanks for the opportunity as always!

If favored with a Purchase Order, please issue it to:

Penn Valley Pump SCO  
998 Easton Road  
Warrington, PA. 18976

and email it to the Salesperson listed above in the quote header.

#### COMMERCIAL INFORMATION:

1. Delivery is 10 – 12 weeks after receipt of purchase order or approved submittals.
2. Submittals, if required, are 2–4 weeks after receipt of purchase order.
3. Freight terms are F.O.B. Factory, Warrington, PA with freight allowed to jobsite.
4. Terms are Net 30 days after receipt of invoice.
5. Quotation is valid for 60 days from date of issue.
6. Warranty is two (2) years from date of shipment for manufacturer's defects in materials and workmanship. A complete warranty statement is available for review.

#### EXCLUSIONS

The following items have not been included:

- Installation
- Foundations, anchor bolts, grouting and foundation design
- Motor starters, Variable Frequency Drives (VFD's) or Controls Design Notes

#### IMPORTANT NOTES

- **Suction Piping Design:** It is imperative that the application has a properly designed suction piping system based on the hydraulic conditions. The importance of a properly sized system cannot be over emphasized. Most pump operational problems and pump failures are created by improper suction line conditions. The length and diameter of the suction line along with the static suction conditions must be provided to ensure pump(s) are properly sized. The system must be designed for the maximum flow if multiple pumps will operate simultaneously through common suction piping. PVP will run the appropriate calculations and verify the application.
- **Piping:** All piping should be independently supported near the pump so that pipe strain will not be transmitted to the pump. The use of pipe hangers/supports must rigidly support and laterally brace the piping to prevent pipe movement. Adequate support and bracing close the pump is the best method to prevent pipe movement. PVP does NOT recommend the use of flexible connections/expansion joints on the suction and discharge connections of the pump. Our long-term experience has found these items do not reduce vibration, but rather can allow pipe movement since the connections are not rigid. To maximize the pump's "Maintain-in-Place" design the suction flange should be attached rigidly to the suction piping. The use of slip joints and mechanical pipe joining systems (i.e. Victaulic style) is also highly discouraged. These mechanical systems do not provide the same rigid connections as traditional flanged piping systems. These mechanical systems can be difficult to properly brace leading to pipe vibration issues. If mechanical piping joining systems will be used, the engineer, CONTRACTOR or OWNER must ensure the manufacturer's installation method for rigid pipe cutting and coupling connections is strictly adhered to.

- **Check Valves:** The use of check valves is required when there are multiple double disc pumps connected to a common discharge line or the pump will be installed on a common discharge line with other styles of pumps. If a check valve is required for the application, PVP recommends an elastomer "swing-flex" style. The use of spring or weighted styles should be avoided as they can create vibration, create noise and can begin to leak at the shaft protrusion through the housing over time.

- **Low or No Discharge Head:** Very low or no discharge pressure applications (negative head, downhill flow) may require the introduction of artificial head to ensure proper pump operation and prevent siphoning. The creation of artificial head can be achieved by:

- 1) elevating discharge piping above suction source high liquid level elevation and installing anti-siphon valve,
- 2) installing a back-pressure valve as provided by PVP or
- 3) installing mechanically/pneumatically actuated pinch valves.

PVP will verify the requirement for these devices based upon a review of the hydraulic conditions at time of quotation generation.

- **Motors:** Our standard motor is a Toshiba EQP Severe Duty NEMA Premium efficiency. This motor is inverter rated and exceeds NEMA MG31 Part 31 and suitable for 20:1 constant torque turndown range. Motor is suitable for CI 1, Div 2 GRP A, B, C, D/Zone. Other motors and accessories are available such as: thermal overload, space heaters and motor shaft grounding rings.

- **Controls:** The double disc pump can be operated by a motor starter for constant speed applications or a variable frequency drive (VFD) for variable speed applications. If using a motor starter, we recommend a soft-start feature to allow the pump speed to ramp up to maximum operating speed to minimize start-up pressure spikes. This feature is especially important on long suction and/or discharge lines. If using a VFD (recommended option) the unit must be sized as heavy duty for constant torque applications. This may mean the horsepower of the VFD has to be one size larger than the motor size. A drive that is undersized may experience DC bus issues requiring the addition of dynamic braking resistors.

- **Vacuum and Pressure Switch/Gauge:** You will normally find these items are included in our quotation. The vacuum switch provides indication of a potential clogging issue that can be flushed or cleaned before it is too hard to remove. The discharge pressure switch is required (all positive displacement pumps require one) to prevent pump damage due to over pressurization if the pump is operated against a high pressure line, closed valve or clogged line.

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**END QUOTE**



**Penn Valley Pump Co., Inc.**

998 Easton Road • Warrington, PA 18976

Ph: 215-343-8750 • Fax: 215-343-8753

[www.pennvalleypump.com](http://www.pennvalleypump.com)

July 20, 2023

Subject: Penn Valley Pump – sole source letter

To whom it may concern:

HESCO is the exclusive representative and sole avenue for purchase of Penn Valley Pump Company, Inc new pump skids and replacement parts in all of lower Michigan.

In addition, Penn Valley Pump Company, Inc is the sole source manufacturer and provider for new Penn Valley Pump Company, Inc pump skids as well as replacement parts for all Penn Valley Pump Company, Inc pumps.

This letter is valid from this date forward until such time Penn Valley Pump identifies a new Municipal distributor for your location. All previous letters you may have been provided are superseded by this letter.

We thank you for your interest in Penn Valley Pump products and look forward to working with you on any upcoming projects.

Please contact me should you have questions or comments.

Sincerely,

Steve Truitt, PE  
Regional Manager  
Cell: 847.340.8917



## MEMORANDUM

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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**DATE:** August 21, 2023

**TO:** Mayor Teich and the Owosso City Council

**FROM:** Ryan E. Suchanek, Director of Public Services & Utilities

**SUBJECT:** 2023-2024 Commercial Water Service Parts Bid

### RECOMMENDATION:

Approval of the low responsive bid from Ferguson Waterworks (Flushing, MI) for the Commercial Water Service Parts Bid in the amount of \$20,490.00.

### BACKGROUND:

On August 8, 2023, the City received bids for Commercial Water Service Parts. These parts are necessary for replacing and installing larger water service lines. Along with regular day-to-day operational needs, the City also has an increased need for these parts in conjunction with noncompliant water service line replacements. Additionally, we are seeing extended lead times of twelve months or longer on some of these needed parts. Thus additional water service parts are needed in inventory. Three contractor bids were received, with Michigan Pipe & Valve appearing to be the low responsible bidder.

Please note, there was a mathematical error found in Ferguson Waterworks' bid proposal, that when corrected, would make them the lowest bidder. When the City initially contacted them, they indicated they would not honor the corrected quote. But then on Tuesday 8/15/23 at 11:58am, they reached out to us and changed their decision. They now will honor the corrected quote, which makes them the lowest bidder.

### FISCAL IMPACTS:

The parts will be funded by Account No. 591-000-101.000 in the amount of \$20,490.00.

Attachments: (1) Resolution, Commercial Water Service Parts Bid  
(2) Bid Tabulation Commercial Water Service Parts Bid  
(3) Ferguson E-mail

**RESOLUTION NO.**

**AUTHORIZE PURCHASE OF COMMERCIAL WATER SERVICE PARTS  
FROM FERGUSON WATERWORKS OF FLUSHING, MICHIGAN**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has determined that it is in the best interest of the public to provide commercial water services, and to replace noncompliant water service lines; and

WHEREAS, water service parts are required to install commercial water services, and are further required to replace noncompliant water service lines; and

WHEREAS, the lead time for order of said parts can be twelve months or more necessitating the City keep an inventory of additional water service parts on-hand; and

WHEREAS, the City has sufficient funds in its water fund to purchase said parts; and

WHEREAS, the City of Owosso sought proposals for the Commercial Water Service Parts Bid, and a bid was received from Ferguson Waterworks, and it is hereby determined Ferguson Waterworks is qualified to provide said parts, and that it has submitted the lowest responsible and responsive bid.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to purchase a commercial water service parts inventory from Ferguson Waterworks.
- SECOND: The contract between the City of Owosso and Ferguson Waterworks shall be in the form of a City Purchase Order in an amount not to exceed \$20,490.00.
- THIRD: The accounts payable department is authorized to pay Ferguson Waterworks for materials supplied up to the purchase order amount of \$20,490.00.
- FOURTH: The above expenses shall be paid from Account No. 591-000-101.000.



CITY OF OWOSSO BID TABULATION SHEET										DATE	8/8/2023
										DEPT.	DPW
SUBJECT: 2023-2024 Commercial Water Service Parts Bid											
				Michigan Pipe & Valve 596 Kochville Road Saginaw, MI 48604 989-752-7911		Ferguson Waterworks 4040 Eagles Nest Dr. Flushing, MI 48433 810-691-2823		Etna Supply LLC 4901 Clay Ave SW Grand Rapids 49548 616-514-5295			
ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
1	1" METER KORNERHORN Ford Part #KH -4-NL	25	EA	\$ 131.00	\$ 3,275.00	\$ 132.00	\$ 3,300.00	\$ 131.00	\$ 3,275.00		
2	PACK JOINT ASSEMBLY Ford Part # PJA4-44-C14-54-NL	50	EA	\$ 28.00	\$ 1,400.00	\$ 28.00	\$ 1,400.00	\$ 27.95	\$ 1,397.50		
3	1" COPPERSETTER 70: Ford Part # 74-33-11-44-NL	10	EA	\$ 281.00	\$ 2,810.00	\$ 280.00	\$ 2,800.00	\$ 281.00	\$ 2,810.00		
4	1-1/2" BALLCORP AWWA/CTS QJ: Ford Part #FB1000-6-Q-NL	15	EA	\$ 174.00	\$ 2,610.00	\$ 173.00	\$ 2,595.00	\$ 174.00	\$ 2,610.00		
5	1" CPLG MIP/CTS QJ: Ford Part #C84-44-Q-NL	26	EA	\$ 21.75	\$ 565.50	\$ 22.00	\$ 572.00	\$ 22.60	\$ 587.60		
6	1-1/2" BALL VALVE CTS PJ/CTS PJ: Ford Part ##B44-666-NL	15	EA	\$ 291.00	\$ 4,365.00	\$ 288.00	\$ 4,320.00	\$ 300.00	\$ 4,500.00		
7	1.5: x 60FT K COPPER SOFT COIL 60FT ROLL	5	EA	\$11.35/foot	\$ 3,405.00	\$ 583.00	\$ 2,915.00	\$11.90/Foot	\$ 3,570.00		
				SubTotal	\$ 18,430.50	Sub Total	\$ 17,902.00	Sub Total	\$ 18,750.10		
TOTAL BID PRICING ADJUSTED FOR LOCAL PURCHASING PREFERENCE:\$2,500					N/A		N/A		N/A		
DEPT HEAD	Ryan E. Suchanek			GENERAL LIABILITY INSURANCE EXPIRATION DATE:		N/A		AWARDED:			
PURCH. AGENT:	B. Barrett 8/15/23			WORKERS COMPENSATION INSURANCE EXPIRATION DATE:		N/A		COUNCIL APPROVED:			
STAFF REC.:	Ferguson Waterworks			SOLE PROPRIETORSHIP EXPIRATION DATE:		N/A		PO NUMBER:			
H2O inventory											

## CITY OF OWOSSO BID TABULATION SHEET

DATE 8/8/2023

DEPT. DPW

SUBJECT: 2023-2024 Commercial Water

Service Parts Bid

Michigan Pipe &amp; Valve

596 Kochville Road

Saginaw, MI 48604

989-752-7911

Ferguson Waterworks

4040 Eagles Nest Dr.

Flushing, MI 48433

810-691-2823

Etna Supply LLC

4901 Clay Ave SW

Grand Rapids 49548

616-514-5295

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
8	1x1-1/2 CPLG CTS QJ/CTS QJ: Ford Part # C44-46-Q-NL	24	EA	\$ 61.00	\$ 1,464.00	\$ 62.00	\$ 1,488.00	\$ 60.50	\$ 1,452.00
9	1" COUPLING MTR NUT/MIP Ford Part # C38-44-2-625-NL	30	EA	\$ 18.25	\$ 547.50	19.00	\$ 570.00	\$ 19.00	\$ 570.00
10	1-1/2: FLANGE/FIP Ford Part #CF31-66-NL	10	EA	\$ 53.00	\$ 530.00	53.00	\$ 530.00	\$ 55.75	\$ 557.50
								"Prices firm until 10/8/23"	
						*Mathematical Error"			
	</								



**From:** [david.hobson@ferguson.com](mailto:david.hobson@ferguson.com) <[david.hobson@ferguson.com](mailto:david.hobson@ferguson.com)>

**Sent:** Tuesday, August 15, 2023 11:58 AM

**To:** Debbie L. Hebert <[debbie.hebert@ci.owosso.mi.us](mailto:debbie.hebert@ci.owosso.mi.us)>

**Cc:** Thomas S. Wheeler <[thomas.wheeler@ci.owosso.mi.us](mailto:thomas.wheeler@ci.owosso.mi.us)>

**Subject:** RE: Mathematical Error - Proposal

Good morning,

Ferguson will still honor contract with the corrected total price. If you have any questions let me know.

David M. Hobson

**Municipal Sales**

**Ferguson Waterworks**

4040 Eagles Nest Flushing, MI 48433

P: (810) 230-2737 M: (810) 691-2823

E: [David.hobson@ferguson.com](mailto:David.hobson@ferguson.com)

Visit our Websites

[www.ferguson.com/waterworks](http://www.ferguson.com/waterworks)

[www.pollardwater.com](http://www.pollardwater.com)



# OWOSSO PUBLIC SAFETY

202 S. WATER ST. • OWOSSO, MICHIGAN 48867-2958 • (989) 725-0580 • FAX (989)725-0528

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## *MEMORANDUM*

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DATE: August 11, 2023  
TO: City Council  
FROM: Kevin Lenkart  
RE: Police Vehicle Changeover

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Request council approve payment to Mid-Michigan Emergency Equipment Sales and Service L.L.C., for the purchase of equipment and labor to changeover two 2024 Ford Police vehicles.

In July 2023, Owosso City Council approved the purchase of two (2) 2024 Ford Police Interceptors. These vehicles have been ordered with an estimated delivery time of March 2024.

Recommend council waive the competitive bid process. The cost of the changeover is \$13,166.37 per vehicle. The cost includes the purchase of equipment necessary to outfit the vehicle for use. Mid-Michigan will strip an old police vehicle and outfit the new vehicle with light bars, console, screen and install Axon in-car cameras and computer.

Request council to approve payment to Mid-Michigan Emergency Equipment Sales and Service L.L.C.

**RESOLUTION NO.**

**AUTHORIZING EXECUTION OF A CONTRACT FOR  
REMOVAL, SUPPLY, AND INSTALLATION OF PUBLIC SAFETY EQUIPMENT  
IN NEW POLICE VEHICLE(S)  
WITH MID MICHIGAN EMERGENCY EQUIPMENT SALES AND SERVICE L.L.C.**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, has purchased two new police vehicles that need to have equipment and Axon cameras installed in them; and

WHEREAS, the new vehicles will require additional new public safety equipment to be properly outfitted for service; and

WHEREAS, the City of Owosso received a quote from Mid Michigan Emergency Equipment Sales and Service L.L.C. for removal of the old equipment, supply of select pieces of new equipment, and the installation of all said equipment; and it is hereby determined that this company is qualified to perform the work requested; and

WHEREAS, a waiver of the bidding requirements is requested as professional services are exempt from competitive bidding.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to contract with Mid Michigan Emergency Equipment Sales and Service L.L.C. for the removal, purchase, and installation of public safety equipment in two new City Police vehicles in the amount of \$13,166.37 per vehicle.
- SECOND: The Mayor and City Clerk are instructed and authorized to sign the document substantially in the form attached, Contract for Services between the City of Owosso, Michigan and Mid Michigan Emergency Equipment Sales and Service L.L.C.
- THIRD: The Accounts Payable Department is hereby authorized to issue payment to Mid Michigan Emergency Equipment Sales and Service L.L.C. in an amount not to exceed \$26,332.74 upon delivery of the equipment and satisfactory completion of the work.
- FOURTH: The above expenses shall be paid from the Police equipment fund 101-301-978.000.

**EXHIBIT A**

**Contract for Services Between  
The City of Owosso  
and  
Mid Michigan Emergency Sales And Service L.L.C.  
Public Safety Vehicle Equipment Changeover  
August 2023**

## **CONTRACT**

THIS AGREEMENT is made on August \_\_\_\_, 2023 between the CITY OF OWOSSO, a Michigan municipal corporation, 301 W. Main Street, Owosso, Michigan 48867 ("city") and MID MICHIGAN EMERGENCY SALES AND SERVICE L.L.C. ("contractor"), a Michigan company, whose address is 2237 Aurelius Road, Holt, Michigan 48842.

Based upon the mutual promises below, the contractor and the city agree as follows:

### **ARTICLE I - Scope of work**

The contractor agrees to provide for two vehicles the services and equipment listed in Estimate No. 1089, as attached, including all written modifications

### **ARTICLE II - The Contract Sum**

(A) The city shall pay to the contractor for the performance of the contract, in the unit prices as given in the estimate not to exceed twenty-six thousand, three hundred thirty-two dollars and seventy-four cents (\$26,332.74). No additional work shall be performed unless a change order is issued by the city.

(B) The amount paid shall be equitably adjusted to cover changes in the work ordered by the city but not required by the contract documents where there is a written change order.

### **ARTICLE III – Assignment**

This contract may not be assigned or subcontracted without the written consent of the city.

### **ARTICLE IV - Choice of law**

This contract shall be construed, governed, and enforced in accordance with the laws of the state of Michigan. By executing this agreement, the contractor and the city agree to a venue in a court of appropriate jurisdiction sitting within Shiawassee County for purposes of any action arising under this contract.

Whenever possible, each provision of the contract will be interpreted in a manner as to be effective and valid under applicable law. The prohibition or invalidity, under applicable law, of any provision will not invalidate the remainder of the contract.

### **ARTICLE V - Relationship of the parties**

The parties of the contract agree that it is not a contract of employment but is a contract to accomplish a specific result. Contractor is an independent contractor performing services for the city. Nothing contained in this contract shall be deemed to constitute any other relationship between the city and the contractor.

Contractor certifies that it has no personal or financial interest in the project other than the compensation it is to receive under the contract. Contractor certifies that it is not, and shall not become, overdue or in default to the city for any contract, debt, or any other obligation to the city including real or personal property taxes. City shall have the right to set off any such debt against compensation awarded for services under this agreement.

### **ARTICLE VI – Notice**

All notices given under this contract shall be in writing, and shall be by personal delivery or by certified mail with return receipt requested to the parties at their respective addresses as specified in the contract documents or other address the contractor may specify in writing.

### **ARTICLE VII - Indemnification**

To the fullest extent permitted by law, for any loss not covered by insurance under this contract; contractor shall indemnify, defend and hold harmless the city, its officers, employees and agents harmless from all suits, claims, judgments and expenses including attorney's fees resulting or

alleged to result, in whole or in part, from any act or omission, which is in any way connected or associated with this contract, by the contractor or anyone acting on the contractor's behalf under this contract. Contractor shall not be responsible to indemnify the city for losses or damages caused by or resulting from the city's sole negligence.

**ARTICLE VIII - Entire agreement**

This contract represents the entire understanding between the city and the contractor and it supersedes all prior representations or agreements whether written or oral. Neither party has relied on any prior representations in entering into this contract. This contract may be altered, amended or modified only by written amendment signed by the city and the contractor.

FOR CONTRACTOR

By\_\_\_\_\_

Its:\_\_\_\_\_

Date:\_\_\_\_\_

THE CITY OF OWOSSO

By\_\_\_\_\_

Its: Robert J. Teich, Jr., Mayor

Date:\_\_\_\_\_

By\_\_\_\_\_

Its: Amy K. Kirkland, City Clerk

Date:\_\_\_\_\_

**MID MICHIGAN EMERGENCY EQUIPMENT**

2237 Aurelius Rd

Holt, MI 48842

+1 5178966114

midmiemergency@gmail.com



## Estimate

**ADDRESS**

OWOSSO POLICE DEPARTMENT  
KEVIN LENKART  
202 S. WATER STREET  
OWOSSO, MI 48867

**SHIP TO**

OWOSSO POLICE DEPARTMENT  
KEVIN LENKART  
202 S. WATER STREET  
OWOSSO, MI 48867

**ESTIMATE #** 1089**DATE** 07/07/2023**VEHICLE/UNIT**

2024 UTILITY UPFIT

SKU	PRODUCT	QTY	RATE	AMOUNT
	(2) 2024 FORD UTILITY UPFIT-ROAD READY			
	SIDE OF UNIT:			
PMP2BKUMB4	<b>SOUNDOFF UNDER MIRROR MOUNT BRACKET FOR UTILITY 2020-2023</b>	2	40.00	80.00
	SOUNDOFF UNDER MIRROR MOUNT BRACKET FOR UTILITY 2020-2023			
ENT3B3J	<b>SOUNDOFF INTERSECTOR SURFACE MOUNT LIGHT - RED/BLUE</b>	2	230.00	460.00
	INTERSECTOR SURFACE MOUNT LIGHT - RED/BLUE			
ENFSGS3B	<b>SOUNDOFF N FORCE BRACKET MOUNT - BLUE</b>	1	145.00	145.00
	C-PILLAR LIGHTS			
ENFSGS3R	<b>SOUNDOFF N FORCE BRACKET MOUNT- RED</b>	1	145.00	145.00
	C-PILLAR LIGHTS			
	REAR OF UNIT:			
ENFSSS3B	<b>SOUNDOFF N FORCE SURFACE MOUNT - BLUE</b>	1	145.00	145.00
	LICENSE PLATE LIGHTS			
ENFSSS3R	<b>SOUNDOFF N FORCE SURFACE MOUNT - RED</b>	1	145.00	145.00
	LICENSE PLATE LIGHTS			
	ROOF OF UNIT:			
INTG51-P1L	<b>FEDERAL SIGNAL 51" INTEGRITY LIGHTBAR- RED/BLUE WITH FULL FRONT FLOOD AND REAR AMER TRAFFIC ADVISOR</b>	1	2,538.00	2,538.00
	FEDERAL SIGNAL 51" INTEGRITY LIGHTBAR- RED/BLUE WITH FULL FRONT FLOOD AND REAR AMER TRAFFIC ADVISOR			
COAX	<b>ANTENNA COAX</b>	1	35.00	35.00
	ANTENNA COAX CABLE			

SKU	PRODUCT	QTY	RATE	AMOUNT
	INTERIOR OF UNIT:			
C-VS-1012- INUT	<b>HAVIS HIGH ANGLED CONSOLE 2020 + FORD INTERCEPTOR UTILITY</b> HAVIS HIGH ANGLED CONSOLE 2020 + FORD INTERCEPTOR UTILITY	1	550.00	550.00
EB25-XTL-1P	<b>HAVIS EB25-XTL-1P BRACKETT</b> HAVIS EB25-XTL-1P BRACKETT	1	0.00	0.00
C-EB40-CCS- 1P	<b>HAVIS FACEPLATE C-EB40-CCS-1P</b> HAVIS FACEPLATE C-EB40-CCS-1P	1	0.00	0.00
CUP2-1001	<b>HAVIS INTERNAL CUP HOLDERS</b> HAVIS INTERNAL CUP HOLDERS	1	61.00	61.00
C-HDM-204	<b>8.5" HEAVY-DUTY TELESCOPING POLE, SIDE MOUNT, SHORT HANDLE</b> 8.5" HEAVY-DUTY TELESCOPING POLE, SIDE MOUNT, SHORT HANDLE	1	210.00	210.00
C-MD-112	<b>HAVIS 11" SLIDE OUT LOCKING SWING ARM WITH MOTION ATTACHMENT</b> HAVIS 11" SLIDE OUT LOCKING SWING ARM WITH MOTION ATTACHMENT	1	323.69	323.69
C-ARM-102	<b>HAVIS SIDE MOUNT ARM REST</b> HAVIS SIDE MOUNT ARM REST	2	85.80	171.60
LCK038Y	<b>DUAL SOLUTIONS VERTICAL WEAPON MOUNT</b> DUAL SOLUTIONS VERTICAL WEAPON MOUNT	1	611.00	611.00
475-0065	<b>JOTTO DESK PRISIONER SCREEN FORD UTILITY</b> JOTTO DESK PRISIONER SCREEN FORD UTILITY	1	1,155.00	1,155.00
475-0968	<b>JOTTO- DESK PRISIONER SCREEN EXTENSION PANELS</b> JOTTO- DESK PRISIONER SCREEN EXTENSION PANELS	1	157.92	157.92
S4702UNIT20	<b>PRO-GARD CARGO SCREEN WITH BIO SEAT</b> PRO-GARD CARGO SCREEN WITH BIO SEAT	1	1,609.00	1,609.00
FDRS-FPIU- SA	<b>CRUISERS FOLD DOWN SLIDING TRUNK TRAY</b> FOLD DOWN SLIDING ELECTRONICS TRAY	1	550.16	550.16
CG-X	<b>HAVIS - CHARGE GUARD-SELECT</b> HAVIS - CHARGE GUARD-SELECT	1	124.00	124.00
SHOP	<b>MISC. WIRE AND CONNECTORS, AND SHOP SUPPLIES</b> MISC. WIRE AND CONNECTORS, AND SHOP SUPPLIES	1	450.00	450.00
	<b>SHIPPING</b> INBOUND SHIPPING	1	400.00	400.00
LABOR	<b>LABOR</b> LABOR TO INSTALL VIDEO CAMERA SYSTEM	1	350.00	350.00
LABOR	<b>LABOR</b> LABOR TO INSTALL COMPUTER SYSTEM	1	350.00	350.00
LABOR	<b>LABOR</b> LABOR TO INSTALL ALL LISTED EMERGENCY EQUIPMENT	1	2,400.00	2,400.00

THIS QUOTE IS VALID AT THIS PRICE FOR 30 DAYS AND THEN SUBJECT TO PRICE CHANGES	SUBTOTAL	13,166.37
	TAX	0.00
	TOTAL	<b>\$13,166.37</b>

Accepted By

Accepted Date





## MEMORANDUM

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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DATE: August 21, 2023

TO: Owosso City Council

FROM: Clayton Wehner, Director of Engineering

SUBJECT: Engineering Services for 2024 DWSRF Water Main Project

### RECOMMENDATION

Approval of the proposal provided by ENG, Inc. in the amount of \$7,765.00, for limited design engineering services for the 2024 DWSRF Water Main Replacement Project. Approval of the proposal provided by ENG, Inc. in the amount of \$108,060.00, for construction engineering services for the 2024 DWSRF Water Main Replacement Project contingent upon the city receiving a FY2024 DWSRF Loan.

### BACKGROUND

The City of Owosso is preparing plans to replace water mains on Dewey St. (Brandon to Moore), Grace St. (Shiawassee to Cedar), Tracy St. (Frederick to Stewart), and Young St. (Chestnut to Brooks) as part of the Drinking Water State Revolving Fund (DWSRF) project during the 2024 construction season. On July 25, 2023, the city received proposals from its three of its four QBS selected firms for engineering services for the 2024 DWSRF Water Main Project. These services are necessary for quality control and construction oversight of the project. All proposals were evaluated based on, 1) Firm's history & capabilities to perform similar projects, 2) Key personnel assigned, 3) Performance measures, and 4) Pricing. ENG, Inc. is considered the most qualified to provide services for this project based on the proposal submitted. Specifically, ENG, Inc. has a history with similar DWSRF projects, a strong staff, and their pricing proposal was a plus. Attached is a copy of the ENG, Inc. proposal.

Firms listed in ranked order with scores (out of 600 total points) are:

- ENG, Inc. 562.5 points
- Spicer Group 470 points
- OHM Advisors 440 points
- Fleis & Vandenbrink Did not submit

### FISCAL IMPACTS

Funds for limited design engineering services in the amount of \$7,765.00 will be issued from water fund account number 591-901-972.000. (This portion of the contract will be completed regardless of whether the city receives DWSRF funding for the construction portion of the project.)

Funds for construction engineering services in the amount of \$108,060.00 will be issued from water fund account number 591-901-972.000 contingent upon the city receiving a FY2024 DWSRF Loan.

ENCLOSURES: (1) Resolution  
(2) Addendum  
(3) Request for Proposal  
(4) ENG, Inc. Proposal

**RESOLUTION NO.**

**AUTHORIZING CONTRACT ADDENDUM NO. 2024-02  
TO THE FY2023-2024 GENERAL  
ENGINEERING SERVICES CONTRACT WITH  
ENG, INC.  
FOR LIMITED DESIGN AND CONSTRUCTION ENGINEERING SERVICES  
FOR THE 2024 DWSRF WATER MAIN PROJECT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract for general engineering services with ENG, Inc. on June 5, 2023 for the term of July 1, 2023 to June 30, 2024; and

WHEREAS, the city desires to make necessary upgrades to its water distribution system through the State of Michigan Department of Environment, Great Lakes, and Energy Drinking Water State Revolving Fund (DWSRF) for Fiscal Year 2024; and

WHEREAS, this work requires the services of a professional engineering firm to provide limited design engineering and construction engineering services for the project; and

WHEREAS, the city sought proposals from its Qualification Based Selection (QBS) list of firms to perform such work; and

WHEREAS, ENG, Inc. is selected as the most qualified firm to perform such work and offers to complete limited design engineering services of said project, in an amount not to exceed \$7,765.00 and construction engineering services of said project, in an amount not to exceed \$108,060.00.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has theretofore determined that it is advisable, necessary and in the public interest to employ the firm ENG, Inc. to provide limited design and construction engineering for the 2024 DWSRF Water Main Project.
- SECOND: The Mayor and City Clerk are instructed and authorized to sign the necessary documents as an Agreement for General Engineering Services between the City of Owosso, Michigan and ENG, Inc.
- THIRD: The Accounts Payable department is authorized to make payment up to the amount of \$7,765.00 to ENG, Inc. upon successful completion of limited design engineering work.
- FOURTH: The above limited design engineering expenses shall be paid from Water Fund Acct No. 591-901-972.000.
- FIFTH: The Accounts Payable department is authorized, contingent upon the city receiving a FY2024 DWSRF Loan, to make payment up to the amount of \$108,060.00 to ENG, Inc. upon successful completion of construction engineering work.
- SIXTH: The above construction engineering expenses shall be paid from Water Fund Acct No. 591-901-972.000.

**ADDENDUM NO. 2024-02 TO THE  
FY2023-2024 GENERAL ENGINEERING SERVICES CONTRACT  
WITH  
ENG, INC.  
FOR LIMITED DESIGN AND CONSTRUCTION ENGINEERING SERVICES  
FOR THE 2024 DWSRF WATER MAIN PROJECT**

This addendum is attached and made part of the contract for services for the General Engineering Services Contract, approved by City Council June 5, 2023 for the term of July 1, 2023 to June 30, 2024 between the city of Owosso, Michigan (City) and Eng, Inc. (Engineer).

**2024 DWSRF WATER MAIN PROJECT**

**PROJECT SCOPE OF WORK**

The project scope of work is limited design and construction engineering services as specified in the attached proposal.

**SCHEDULE**

The schedule for the project is to begin on September 1, 2023 and be completed by September 28, 2024 plus project close out procedures as shown in the attached proposal.

**COMPENSATION**

As specified in the attached proposal, total cost for services is \$115,825.00. Of that total, \$7,765.00 is for limited design engineering and \$108,060.00 is for construction engineering. Construction engineering is contingent upon the City of Owosso receiving a FY2024 DWSRF Loan. The engineer shall submit for payment based on monthly progress of the work.

For the Engineer:

ENG, Inc.

By: \_\_\_\_\_

By: \_\_\_\_\_

Executed: \_\_\_\_\_, 2023

For the City:

City of Owosso, Michigan

By: \_\_\_\_\_  
Robert J. Teich, Jr., Mayor

By: \_\_\_\_\_  
Amy K. Kirkland, City Clerk

Executed: \_\_\_\_\_, 2023



**PROPOSAL FOR ENGINEERING AND SURVEYING SERVICES  
CITY OF OWOSSO  
2024 DWSRF WATER MAIN PROJECT**

**JULY 25, 2023**



4063 Grand Oak Drive, Suite A109  
Lansing, Michigan 48911



4063 Grand Oak Drive  
Suite A109  
Lansing, MI 48911  
517.887.1100

16930 Robbins Road  
Suite 105  
Grand Haven, MI 49417  
616.743.7070

2311 East Beltline Avenue SE  
Suite 201  
Grand Rapids, MI 49546  
616.743.3020

July 25, 2023

Mr. Clayton Wehner, Director of Engineering  
City of Owosso  
City Hall, 301 W. Main Street  
Owosso, MI 48867

[clayton.wehner@ci.owosso.mi.us](mailto:clayton.wehner@ci.owosso.mi.us)

RE: Proposal for Engineering Services  
2024 DWSRF Water Main Project

Dear Mr. Wehner:

Thank you for the opportunity to submit this proposal for the 2024 DWSRF Water Main Project. Eng., Inc. has completed numerous similar water main design and construction projects for the cities of Lansing, Grand Ledge, East Lansing, Muskegon, Marshall, Norton Shores, Portage, and Owosso. The method of approach we propose for this project is very similar to that used on these successful projects.

We have reviewed the scope of work in the request for proposal and have visited the site to familiarize ourselves with the existing conditions. Eng., Inc. has substantial experience with similar projects in terms of scope, size, and delivery method. We are confident in our ability to assist and deliver a quality product. We have thoroughly reviewed and analyzed the proposed schedule and have the personnel to achieve it.

Our business model is all about building long-term relationships, in both our employees and clients. Our pride, passion, and performance in everything we do shines through every single member of our team. We have put together a great team of hard working, accountable, and responsive people who want to be the best in everything they do. With Principal involvement on every project from start to finish and a relationship-focused team that offers practical and responsible solutions to problems, we are truly achieving our purpose of engineering for better lives: better lives for all those affected by the project, our clients' lives, and our employees' lives.

Attached is the following information:

- Corporate Profile
- Understanding of the Problem
- Method of Approach
- Project Team
- Experience
- Cost Spreadsheet and Level of Effort
- Additional Information (Eng. Resumes and Subconsultant Information)

We look forward to continuing our working relationship with the City of Owosso. If you have any questions, please do not hesitate to call.

Sincerely,

Eng., Inc.

Erik J. Morris, PE  
Vice President

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**I. CORPORATE PROFILE**

Eng., Inc. is a multidiscipline consulting firm, incorporated under the laws of the State of Michigan and registered as a Michigan Corporation.

Our main office is in Lansing, Michigan with branch offices in Grand Haven and Grand Rapids, Michigan. All work proposed for this project will be performed out of our Lansing office.

Lansing Headquarters	Grand Haven Branch Office	Grand Rapids Branch Office
Eng., Inc.	Eng., Inc.	Eng., Inc.
4063 Grand Oak Drive	16930 Robbins Road	2311 East Beltline Avenue
Suite A109	Suite 105	Suite 201
Lansing, MI 48911-7401	Grand Haven, MI 49417	Grand Rapids, MI 49546
Phone: (517) 887-1100	Phone: (616) 743-7070	Phone: (616) 743-3020

The Principals of the company are:

Ryan C. McEnhill, PE, President  
Erik J. Morris, PE, Vice President

Proposed Subconsultants are:

Soil and Materials Engineers, Inc. (SME)  
2663 Eaton Rapids Road  
Lansing, MI 48911  
Ph: (517) 887-9181



## II. UNDERSTANDING OF THE PROBLEM & SCOPE OF SERVICES

The City of Owosso (City) wishes to replace the water main in numerous road segments in the 2024 construction season which include: Tracy Street from Frederick Street to Stewart Street, Dewey Street from Brandon Street to Moore Street, Grace Street from Cedar Street to Shiawassee Street (M-52), and Young Street from Chestnut Street to Brooks Street. The project will be funded by internal City funds and by a loan from the Michigan Department of EGLE Drinking Water State Revolving Fund (DWSRF) that the City has applied for. Construction of the project is contingent upon receiving the EGLE DWSRF project award. The project will be bid locally though the City of Owosso. All plans, specifications, and construction administration must comply with AWWA, MDOT, EGLE, DWSRF, and City of Owosso standards.

The project will involve water main replacement in all road segments which may be installed by both directional drill and open cut operations including service replacement and non-compliant water service replacement to buildings. Additionally, road rehabilitation and any necessary select storm sewer replacement, curb and gutter replacement, and intersection improvements including ADA sidewalk ramps are included in the scope.

The City requires that the project follow the FY 2024 Financing Schedule for DWSRF to ensure the project is funded in Quarter 2 and constructed in the 2024 construction season. Because of the nature of DWSRF funding and competitive bid pricing, it is best to have the project advertised and bid as early as possible. The total estimated construction cost is \$1,563,000 in which the City anticipates the EGLE DWSRF funds to fund the entire cost including engineering costs. We have reviewed the EGLE and MFA FY 2024 Financing Schedule as well as the scope of services and have built a schedule to easily meet a December 2023 bid advertisement and 2024 construction. We have provided that schedule following the Method of Approach section.

Eng. assumes private utilities have not yet been made aware of the project. The City will provide utilities with a preliminary set of plans and schedule a review meeting with any and all stakeholders in which the consultant will attend and participate.

We understand the consultant is to provide limited design engineering assistance and full construction administration. Eng. assumes the City has already hired a survey firm to complete topographic survey of the right-of-way in total station format. Eng. also assumes the City has or is in the process of obtaining soil borings throughout the project segments necessary to satisfy EGLE requirements. The chosen consultant will provide selective design oversight and assist in plan review and delivery for the City who intends to complete its own design. Final drawings will be completed in 2018 AutoCAD Civil3D format. The City will secure EGLE and SESC permits in advance of construction and seal the construction plans and specifications. The chosen consultant will assist / review / complete plan delivery, DWSRF documentation requirements, EGLE permit application, and bidding.

A summary of the road segments follows:

Tracy Street from Frederick Street to Stewart Street is approximately 1,200 feet in length and exists as a two-lane HMA roadway. The width of the road is approximately 17 feet edge-to-edge. On-street parking is allowed except where prohibited near the intersection of Frederick Street. No trucks are allowed, and no bike lanes are designated. The adjacent properties are single family residential.

The HMA pavement is in poor to failing condition and in need of replacement. Depending on final alignment of the proposed water main, a crush and shape for the roadway should be considered. Existing drainage is poor with poorly defined ditches on both sides of the road. There is no storm sewer infrastructure in this segment of Stewart Street. Standing water and rutting is evident on both sides of the

road and at intersection radii. Consideration should be made for new gravel shoulders and ditch work to provide better drainage.

Sanitary sewer exists below the west half of the roadway which serves both sides of the street. Final proposed depth of the water main will be dependent on the depth of the sanitary sewer and associated sewer laterals. No sanitary sewer work is anticipated as part of this project.

Curb and Gutter only exists along the radii of Stewart Street. Stewart Street has been recently reconstructed and is in good condition and should be salvaged except for the water main tie in. Additionally, concrete sidewalks only exist along Stewart Street and should be salvaged.

The scope of work for Tracy Street includes water main replacement which may include utilizing directional drilling operations as well as non-compliant water service line replacement including replacement from the curb stop to the building. Additionally, road restoration and rehabilitation, and drainage improvements are included. The estimated construction cost for Tracy Street is \$438,000.00. Because of the narrow width of the roadway and the location of the existing sanitary sewer, the alignment of the new water main will likely need to be in the east greenbelt of the roadway. The greenbelt between the edge of pavement and ROW includes signs, utility poles, trees, mailboxes (west side), fencing, and various landscaping. Final construction method should be determined once the proposed alignment is finalized. Water main tie-ins will be required at Stewart Street, Henry Street and Frederick Street.

Dewey Street from Brandon Street to Moore Street is approximately 1,000 feet in length and exists as a two-lane curbed HMA roadway. The width of the road is approximately 33 feet back-to-back. On-street parking is allowed on both sides of the road. No bike lanes are designated. The adjacent properties are single family residential.

The HMA pavement is in poor condition and is in need of replacement or rehabilitation. The existing curb and gutter is in fair condition with good horizontal and vertical alignment and should be salvaged. Isolated locations of cracked, deteriorated, heaved, or sunken pieces of curb and gutter should be replaced. We estimate approximately 10% of curb and gutter requires replacement. Additionally, if ADA sidewalk ramps are proposed to be upgraded as part of the project, some curb and gutter will need to be removed and replaced at sidewalk cross walks to meet ADA sidewalk ramp requirements.

Concrete sidewalks exist on both sides of the roadway except for the west side between Dewey Street and Gellatly Court. The sidewalk has varying widths and is in fair condition and is not anticipated for improvements as part of this project except as necessary for water service lead replacement. There are no ADA compliant sidewalk ramps in this section. Depending on the final road restoration scope, ADA ramps should be considered for replacement.

Storm sewer exists on the west side of the roadway with associated catch basins and manholes. Storm sewer replacement and repairs are not anticipated at this time, but only as required for water main and water service replacement. Sanitary sewer exists in the center of the roadway. No sanitary sewer improvements are anticipated as part of this project. Final proposed depth of the water main will be dependent on the depth of the sanitary sewer and associated sewer laterals.

The scope of work for Dewey Street includes water main replacement which may include utilizing directional drilling operations as well as non-compliant water service line replacement, including replacement from the curb stop to the building. Additionally, road restoration and rehabilitation is included. The estimated construction cost for Dewey Street is \$285,000.00. Because of the location of existing water main, sanitary sewer, and storm sewer, the alignment of the new water main will likely need to be in the east greenbelt of the roadway. To save cost of replacing the curb and gutter and driveway approaches, directional drilling should be considered. The greenbelt between the back of curb and ROW includes sidewalk, signs, utility poles, trees, mailboxes, and various landscaping. Final construction method should be determined once the proposed alignment is finalized. Water main tie-ins will be required at Moore Street, two at Gellatly Court, and Brandon Street.



Grace Street from Cedar Street to Shiawassee Street (M-52) is approximately 1,400 feet in length and exists as a two-lane curbed HMA roadway. The width of the road is approximately 30 feet back-to-back. On-street parking is allowed on both sides of the road. No trucks are allowed and no bike lanes are designated. The adjacent properties are single family residential.

The HMA pavement is in poor condition and is in need of replacement or rehabilitation. The existing curb and gutter is in fair condition with good horizontal and vertical alignment and should be salvaged. Isolated locations of cracked, deteriorated, heaved, or sunken pieces of curb and gutter should be replaced. We estimate approximately 10% of curb and gutter requires replacement. Additionally, if ADA sidewalk ramps are proposed to be upgraded as part of the project, some curb and gutter will need to be removed and replaced at sidewalk cross walks to meet ADA sidewalk ramp requirements.

Concrete sidewalks exist on both sides of the roadway except for the south side between Cedar Street and Walnut Street. The sidewalk has varying widths and is in fair condition and is not anticipated for improvements as part of this project except as necessary for water service lead replacement. There are no ADA compliant sidewalk ramps in this section. Depending on the final road restoration scope, ADA ramps should be considered for replacement.

Storm sewer exists on the south side of the roadway with associated catch basins and manholes. Storm sewer replacement and repairs are not anticipated at this time, but only as required for water main and water service replacement. Sanitary sewer exists in the center of the roadway. No sanitary sewer improvements are anticipated as part of this project. Final proposed depth of the water main will be dependent on the depth of the sanitary sewer and associated sewer laterals.

The scope of work for Grace Street includes water main replacement which may include utilizing directional drilling operations as well as non-compliant water service line replacement including replacement from the curb stop to the building. Additionally, road restoration and rehabilitation is included. The estimated construction cost for Grace Street is \$475,000.00. Because of the location of existing water main, sanitary sewer, and storm sewer, the alignment of the new water main will likely need to be in the north greenbelt of the roadway. To save cost of replacing the curb and gutter and driveway approaches, directional drilling should be considered. The greenbelt between the back of curb and ROW includes sidewalk, signs, utility poles, trees, mailboxes, and various landscaping. Final construction method should be determined once the proposed alignment is finalized. Water main tie-ins will be required at Cedar Street, Pearce Street, Walnut Street, and Shiawassee Street.

Young Street from Chestnut Street to Brooks Street is approximately 1,100 feet in length and exists as a two-lane curbed HMA roadway. The width of the road is approximately 26 feet back-to-back. On-street parking is allowed on both sides of the road. No trucks are allowed and no bike lanes are designated. The adjacent properties are single family residential with commercial properties at the intersections of Chestnut Street and Brooks Street.

The HMA pavement is in poor condition and is in need of replacement or rehabilitation. The existing curb and gutter is in fair condition with good horizontal and vertical alignment and should be salvaged. Isolated locations of cracked, deteriorated, heaved, or sunken pieces of curb and gutter should be replaced. We estimate approximately 10% of curb and gutter requires replacement. Additionally, if ADA sidewalk ramps are proposed to be upgraded as part of the project, some curb and gutter will need to be removed and replaced at sidewalk cross walks to meet ADA sidewalk ramp requirements.

Concrete sidewalks exist on both sides of the roadway except for the west 300 feet near Chestnut Street. The sidewalk has varying widths and is in fair condition and is not anticipated for improvements as part of this project except as necessary for water service lead replacement. There are no ADA compliant sidewalk ramps in this section. Depending on the final road restoration scope, ADA ramps should be considered for replacement.

Storm sewer exists on the north side of the roadway between Chestnut Street and Lillian Street and the south side of the street between Lillian Street and Brooks Street with associated catch basins and manholes. Storm sewer replacement and repairs are not anticipated at this time, but only as required for water main and water service replacement. Sanitary sewer exists in the center of the roadway. No sanitary sewer improvements are anticipated as part of this project. Final proposed depth of the water main will be dependent on the depth of the sanitary sewer and associated sewer laterals.

The scope of work for Young Street includes water main replacement which may include utilizing directional drilling operations as well as non-compliant water service line replacement including replacement from the curb stop to the building. Additionally, road restoration and rehabilitation is included. The estimated construction cost for Young Street is \$365,000.00. Because of the location of existing water main, sanitary sewer, and storm sewer, the alignment of the new water main will likely need to be in the north and south greenbelts of the roadway. To save cost of replacing the curb and gutter and driveway approaches, directional drilling should be considered. The greenbelt between the back of curb and ROW includes sidewalk, signs, utility poles, trees, mailboxes, and various landscaping. Final construction method should be determined once the proposed alignment is finalized. Water main tie-ins will be required at Chestnut Street, Lillian Street and Brooks Street.

Engineering for the project shall include the following tasks:

#### Task I – Limited Design Engineering

Eng. understands the chosen consultant will provide Quality Assurance review during water main plan development. This includes commenting and proofreading all plans and related documents to ensure EGLE's acceptance of the final submittal for both permitting and DWSRF funding. The consultant will also meet with the City to discuss the plans and make recommendations for revisions to the design. The City will seal its own plans.

Water main plans and specifications shall be in accordance with AWWA standards and follow suggested practice for water works design, altogether in accordance with the Michigan Safe Drinking Water Act of 1976 and 10 State Standards. The consultant will assist in preparation of the permit application for the City to sign. The consultant will then assist in submitting the application to EGLE and coordinate, attend, and participate in any necessary meetings with EGLE to ensure approval.

The chosen consultant will participate in meetings and assist the City to coordinate the project with private utilities. The consultant will also assist during the bid / letting process, answering questions and coordinating any addendums necessary. After letting, the consultant will review contractor bids and make a recommendation to the City.

#### Task II – Full Construction Administration Services

Engineering supervision, full time inspection, SESC inspection and documentation, staking and layout, materials testing, and plant inspection are included in this task. All necessary documentation, pay estimates, and contract modifications will be prepared in accordance with City and EGLE requirements using FieldManager. All material testing and plant inspection will be performed by MDOT certified technicians.

This task also includes providing project close-out services to satisfy EGLE and the City. Following completion of construction, "as built" drawings will be prepared in accordance with City standards and delivered in digital format. Check prints will be submitted to the City within 90 days of project closeout for review prior to final submittal.

The consultant is responsible for ensuring the highest quality end product.



### III. METHOD OF APPROACH

The Request for Proposal requires that design of project be completed in time to follow the Quarter 2 FY 2024 Financing Schedule of the EGLE and Michigan Finance Authority. The ideal time to bid this project is before the January and February MDOT lettings. Even though this is not an MDOT bid project, this project will be competing for contractors with the MDOT let projects. Because of the recent increase in construction projects statewide, Contractors are already filling their 2024 construction schedules, so getting the project bid as early as possible will allow for the most competition and the best bid pricing. Additionally, because of the recent supply chain issues, bidding the project early and having flexibility in the construction schedule (to allow the contractor as much time as possible to acquire materials) will help ensure the project is constructed in the proposed timeline.

Also, in our experience recently with an increase in number of projects, it is best to complete EGLE permit applications as soon as possible to prevent construction delays. It is anticipated that construction will commence no earlier than May 28, 2024 with a completion date of September 28, 2024. We have built a schedule to aid the City in the design process, which is flexible depending on the City design, to be able to submit and bid early. Bidding and construction is dependent on DWSRF funding which is expected around October 1, 2023. We have also estimated construction to take 15 weeks. We anticipate that biweekly progress meetings will be held between the design staff and City staff during all active tasks. Below is our Method of Approach.

#### Task I – Limited Design Engineering

Eng. will provide limited design engineering to assist in and provide quality assurance review for the water main design. Additionally, we will assist, coordinate, and/or complete various project documentation, applications, clearances, and meetings to satisfy EGLE, DWSRF funding requirements, and City of Owosso requirements, so as to successfully bid the project in time to be constructed in 2024.

Following this section is a proposed full design schedule to assist the City in planning. We have highlighted the design tasks for which we propose to provide assistance and quality assurance. The non-highlighted tasks are tasks we propose to complete.

Upon being informed of award of the project, Eng. will immediately schedule a project kickoff meeting with City staff. While the schedule does have some flexibility, starting as soon as possible will mitigate any unanticipated delays. At the kickoff, a minimum of the following will be discussed:

- Team members and lines of communication
- Confirm current project scope, phases, and budget.
- Confirm assistance and quality assurance roles and objectives
- Confirm the project schedule; identify key dates, meeting dates and external impacts. Allow for appropriate review times
- Gather existing information: surveys, record drawings, utilities, contact information, client agency requirements. Identify any additional information needed. Review any previous work or preliminary design concepts (if applicable)
- Confirm subconsultant's scope
- Confirm permit and submittal requirements
- Confirm deliverables: number, format, presentations, and versions of software for compatibility

Eng. anticipates that the project survey and AutoCAD base drawing will be available at the kickoff meeting. Additionally, Eng. assumes the City has hired a geotechnical company to provide soil borings and analysis of the existing road sections. Having worked with the City on previous projects with design assistance and limit design engineering, Eng. anticipates that the plans are in a state ready for review. Eng. will begin assisting in design and providing quality assurance immediately. Part of this will be completing a site visit

to field verify the topographic survey and proposed design as well as performing the following tasks to help with design assistance:

- ADA ramp inspection
- Measure utility pole setbacks
- Evaluate cross section
- Evaluate preliminary ROW needs

The results of the findings during this field visit will be discussed with the City in the first biweekly design progress meeting to further define the scope of design. Eng. will assist and provide quality assurance to the City based on the final scope and limit decisions made by the City of Owosso after recommendations have been made.

This task also includes the following items of work:

- Biweekly design progress meetings
- Utility coordination meeting
- Stakeholder meeting (if desired)
- Assist in pavement design (mix, thickness, base repairs)
- Assist in curb and gutter design
- Assist in ADA ramp design
- Assist in identification of pole relocations
- Assist in SESC plans
- Assist in pavement marking plans
- Assist in maintaining traffic plans
- Assist in water main design
- Assist in storm sewer design (if necessary)
- Assist in coordination with utilities
- Assist in special provisions
- Assist in Engineer's Opinion of Probable Cost
- Assist City in acquiring grading permits (if necessary)
- Assist in generating 90% complete plans, special provisions, and cost estimate
- Provide quality assurance
- Assist in EGLE permit application submittal
- Assist in DWSRF documentation and requirements
- Assist in AJE analysis
- Assist in generating final plans for signatures
- Assist in advertisement
- Answer questions during bidding

Eng. has used this same approach on numerous successful water main replacement and road reconstruction projects. Timing and scheduling are some of the most important aspects of any project, especially those projects that require EGLE permitting. The above method combined with the attached schedule includes adequate time for quality control and assurance as well as review time to ensure a successful and quality design. Eng. has recently successfully obtained numerous Part 399 EGLE permits and has a good handle on current review times.

Upon completion of the design, Eng. will assist in writing any necessary special provisions as well as generating estimates. The quantity take-off process is one of the most important and sometimes overlooked portions of design. Having accurate quantities and appropriately priced pay items prevents funding issues and possible delays in construction. Eng. looks at both recent projects as well as MERL average unit prices, comparing them to region, as well as quantity, to come up with the best estimated prices. Additionally,



making sure that all pay items are accounted for prevents possible contractor claims for extras during construction.

With the addition of any road improvements or utility improvements to any of the road segments, an Alternative Justifiable Expenditure (AJE) analysis will be required to fulfill EGLE DWSRF funding. This involves documenting shared cost percentages for items used for both water main improvements and street improvements. Given the scope of the street improvements, this should not be a major task. Eng. can provide the City with a sample spreadsheet and assist with the AJE analysis.

Following review, final permit applications will be generated and submitted, signatures will be obtained, and final plans, special provisions, and estimates will be submitted for advertisement. During bidding, Eng. will be available to answer any questions that may arise.

#### **Task II – Full Construction Administration Services**

Eng. will provide all construction engineering and administration services necessary to administer the project in accordance with EGLE, DWSRF, SESC and City of Owosso standards utilizing the current version of FieldBook. All materials testing shall be performed by certified technicians.

During the construction phase, it is important to keep the design team members involved reviewing shop drawings, performing site visits, answering questions, and solving problems. Communication is key during all phases of construction. Whether with the engineer, client, contractor, subconsultant or property owner, Eng.'s inspectors are trained to over-communicate. At Eng., all our inspectors undergo a training using National Society of Professional Engineers field guide as a basis. In addition, all professional staff are EGLE Certified for Storm Water Management – Construction Site A-Ij, Comprehensive – Part 91 and Soil Erosion and Sedimentation Control, or the newer SESC Comprehensive.

Additionally, all our project engineers, project managers, team leaders, and client contacts are very hands-on during construction. Direct coordination and communication ON SITE is an Eng. standard policy. During the recent COVID-19 pandemic, Eng. easily adapted and excelled in remote working. All our employees have full capabilities to work remotely, which includes in a vehicle on a construction site. It is normal to have a project engineer or project manager work from a vehicle on-site on days where numerous questions are anticipated (such as concrete and HMA installation). Eng. inspectors, when necessary, also utilize video communications to show live conditions to the project engineer.

Construction Engineering will include the following services:

#### **Engineering Supervision and Construction Certified Office Technician**

- Project oversight and assurance in the field and at the production plants, as required by EGLE, with properly certified staff; to ensure that all work is performed in compliance with state and federal requirements
- Coordinate the project with utilities for their location in advance of construction
- Provide a Professional Engineer that will report to both EGLE and the City engineering staff and act as a liaison between both agencies
- Organize, attend, and conduct preconstruction meeting
- Preconstruction preparation in FieldManager
- Review shop drawings, submittals and MSLs
- Regular site visits
- Answer questions, resolve conflicts
- Attend biweekly progress meetings
- Supervise field staff, subconsultants
- Monitor project progress

- Ensure quality control is maintained
- Assist in ADA compliance for sidewalk ramp construction
- Prepare and maintain all project documentation
- Review and approve all wage rate and certified payroll as required by EGLE
- Process biweekly pay estimates and contract modifications
- Project close-out

#### **Construction Inspection (full-time, MDOT certified, on-site)**

- Oversee all construction work
- Communicate with and assist property owners
- Prepare electronic Inspector's Daily Reports (IDRs)
- Coordinate utility work (if necessary)
- Ensure adherence to plans and specifications
- Provide pictures and/or video clips to the City
- Monitor traffic control effectiveness
- Conduct SESC inspections and reports
- Document as-built conditions
- Schedule material testing and ensure adherence to plans and specifications
- Observe proof rolling operations and determine if subgrade undercutting is required

#### **Construction Layout and Staking**

- ADA sidewalk ramp construction (if necessary)
- Curb and gutter (if necessary)
- Storm sewer structures (if necessary)
- Water main layout
- Signing and pavement markings (if necessary)

#### **Materials Testing (Eng. with SME as-needed)**

- Trench backfill density testing
- Subbase and aggregate base testing
- Concrete curb & gutter and sidewalk testing
- HMA pavement testing
- Plant inspection (as needed)

In an effort to be more cost competitive and in turn provide significant cost savings to projects and clients, Eng. has started its own materials testing program. We have invested in nuclear density gauges and proper training to ensure that testing requirements, accuracy, and performance far exceed the standard. Instead of having both a construction inspector and materials testing technician on-site, we now can offer both services by a single inspector on-site. All of our inspectors complete the necessary training to become MDOT certified in Nuclear Density In-Place, One-Point Michigan Cone, One-Point T-99, Michigan Modified T-180, and Speedy Moisture Gauge. This allows Eng. inspectors to complete density testing for trench backfill, subbase, aggregate base, and HMA which makes up the majority of testing time on-site. When the same person is inspecting and conducting density testing, more tests can be taken and documentation more accurate to ensure the highest quality results.

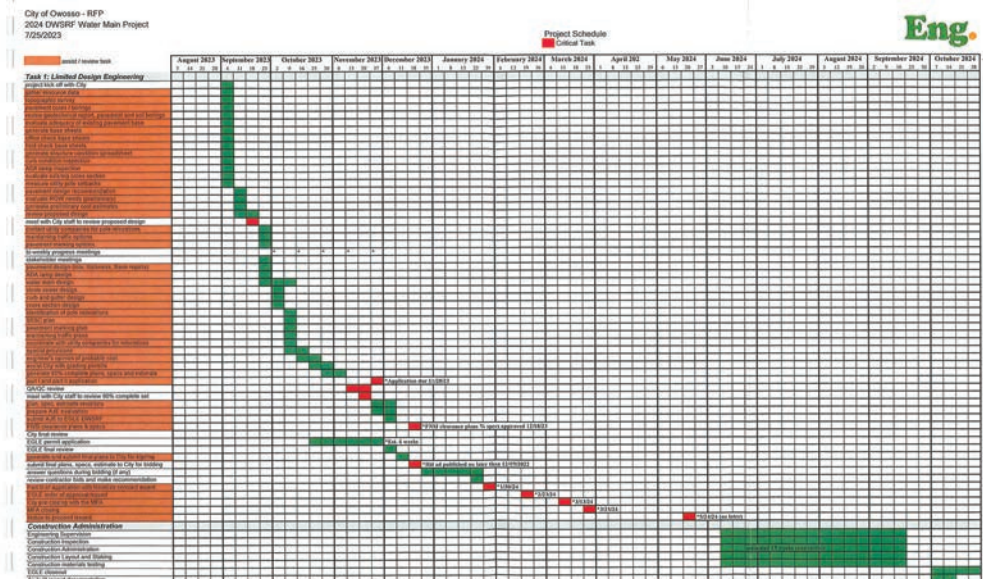
Eng. is also MDOT certified for concrete testing. We are up and running for the current 2023 construction season.

For the purposes of this proposal, to make sure we have complete materials testing coverage, we will team up with SME to provide gradation sampling and plant inspection. SME currently maintains as-needed contracts with numerous municipalities throughout Michigan. SME has over 300 employees in offices across Michigan, Indiana, and Ohio, including professional engineers, geologists, environmental

## Eng.

As stated above, communication is a vital aspect of construction. Whether it is with the contractor, client, EGLE, utilities or property owners and businesses, communication can make or break a construction project. Eng. has a proven track record of strong communication during all aspects of a project. Eng. inspectors and project managers will go above and beyond to ensure everyone is "in the know" and any outstanding issues or questions are taken care of in a timely fashion.

The following page contains our proposed schedule for this work. We have estimated approximately a 15 week construction duration.





#### IV. PROJECT TEAM

The proposed team is made up of individuals with experience on projects similar to the 2024 DWSRF Water Main Project and are familiar with implementing these projects for other area municipalities. This same team has completed countless water main and road reconstruction projects which include EGLE permitting and DWSRF funding. Note that resumes are included for each Eng. team member in the Additional Information section, for more experience and qualifications. The proposed project team is outlined as follows:

Principal-in-Charge and Project Manager will be **Erik J. Morris, PE**. As Vice President of Eng., and manager of our Lansing Headquarters, Mr. Morris has a vested interest in the success of projects in mid-Michigan. Mr. Morris is an experienced, skilled, detail-oriented engineer specializing in transportation and utilities of municipalities. He is well respected by subconsultants, clients, EGLE, MDOT personnel, as well as contractors throughout the state. Mr. Morris has recently completed numerous road, water main, sewer, and sidewalk projects similar to the proposed Owosso project.

Spending most of his career in the Lansing office and currently its Manager, Mr. Morris has developed from a field technician, learning the field from the ground up, to a member of the Board of Directors, who now is the Principal-in-Charge for projects in the Cities of Lansing, Grand Ledge, Owosso, East Lansing, Portage, and Marshall, as well as the Lansing Board of Water and Light and Consumers Energy. Mr. Morris was recently the lead design engineer on two projects for the City of Muskegon FY 2019 SRF & DWSRF Project Implementation Project.

Mr. Morris is very familiar with EGLE, MDOT, DWSRF, and AASHTO standards and processes, having served as Principal in Charge, Project Manager and Project Engineer for numerous municipal projects including the City of Lansing's FY23 & 24 Major Street Project, FY21 Sewer, Water Main and Road Reconstruction of Local Streets Project, FY22 STP Major Street Reconstruction Project, FY21 STP Major Street Reconstruction Project, FY2020 STP Major Streets Rehabilitation Project, the Lansing Downtown Two-way Conversion Project, the As-Needed Scoping Services for Major Streets Project and the Frandora Hills Sanitary Sewer Rehabilitation Project. Lansing Board of Water and Light projects include the Cawood - Jenison - Verlinden Water Main Project, the FY18 STP Major Streets Project, FY17 STP Major Streets Project, Stabler Street Rehabilitation Project, and the Cavanaugh Road Water Main Replacement Project. Additionally, Mr. Morris has served as Principal in Charge, Project Manager and Engineer on the MDOT LAP Washington Street project in Owosso, MI; Orchard Street Reconstruction, Green Street Reconstruction and MDOT LAP Jenne & Bridge Street Reconstruction projects in the City of Grand Ledge; the Prospect Street Water Main and Road Reconstruction Project, and MDOT LAP East Drive, North Drive and Mansion Street Improvements Project for the City of Marshall; as well as the FY2022 Local Neighborhood Water Main Replacement & Roadway Improvements project for the City of East Lansing, and the Ramona Park Subdivision Improvements for the City of Portage.

Mr. Morris has experience in all aspects of design and construction management, is proficient in the use of FieldManager, and has served for many years as a Certified MDOT Office Technician. He also has unique expertise in design and construction of ADA compliant sidewalk ramps. Mr. Morris is also Eng.'s official Radiation Safety Officer designated by the Nuclear Regulatory Commission, being responsible for overall safety as it relates to nuclear density testing.

As primary contact and project manager, Mr. Morris will fulfill the tasks of tracking schedules and budgets as well as overseeing and directing the detailed design. He will also oversee construction engineering of the projects. Additionally, Mr. Morris will give direction and authority to all personnel, scheduling and managing staff and subconsultants, as well as frequently communicating directly with construction contractors to answer questions, solve problems, and determine scheduling needs.

Eng. prides itself on being a smaller firm with a big firm ability. When the project manager has authority to negotiate on behalf of the firm, decisions are made in a very timely manner, efficiently with decisiveness.

In addition to Mr. Morris' technical resume, he has a unique ability to lead and manage. A natural leader, Mr. Morris takes great pride in leadership, mentorship, and management. Growing up watching his father play professional baseball, hard work and leadership was engrained in his soul at an early age, serving as Captain of every sports team he has played on, including during his collegiate baseball career at Michigan State University. His ability to run a meeting and control a room full of stakeholders with different project goals and objectives will be evident from the kickoff meeting forward. Striving for the best in everything he does, Mr. Morris goes above and beyond to ensure that projects are delivered on time and on budget. Mr. Morris also has a passion for building long-term relationships, knowing that relationships outlast any project. This value is instilled in the Eng. company culture as Mr. Morris leads and mentors staff to fulfill long and satisfying careers.

Project Engineer and Construction Manager will be **Christopher A. Harrington, PE**. Mr. Harrington will assist Mr. Morris with the review and quality assurance of the detailed design of the projects. He has applied an impressive understanding of the scope of complex problems to his innovative design solutions, and he is fully qualified and capable to conduct construction inspection services on a variety of types of projects. His experience in materials testing, including asphalt, concrete, and soils, is a valuable resource for road projects especially. Mr. Harrington has worked with Mr. Morris on numerous successful projects similar to the proposed project including:

- North Street Rehabilitation, City of Owosso
- 2023 Street Program Contract 1, City of Owosso
- Stewart Street Reconstruction, City of Owosso
- Local Neighborhood Water Main Replacement and Roadway Improvements – City of East Lansing
- Leggett Road Reconstruction, City of Marshall
- Webster Road Resurfacing and Sidewalks, Clinton County Road Commission
- Ramona Park Subdivision Improvements, City of Portage
- Lansing Service Center Water Main Extension, Consumers Energy
- Prospect Street Water Main and Road Improvements, City of Marshall
- Fitzgerald Park Water Main Replacement (Bore and Jack), City of Grand Ledge
- FY22 Major Street Reconstruction, Waverly Road, City of Lansing
- FY21 Major Street Reconstruction, Pennsylvania Avenue, City of Lansing (LBWL)
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing (LBWL)
- Water Main Design Cawood - Jenison - Verlinden, Board of Water and Light, Lansing (LBWL)
- Forest Park Road Reconstruction Phase 3, City of Norton Shores
- Seminole Road Reconstruction, City of Norton Shores
- Muskegon SRF & DWSRF, City of Muskegon
- Delta River Drive Rehabilitation – City of Lansing (LBWL)
- Orchard Street Improvements, City of Grand Ledge
- Washington Street Improvements (Bore and Jack), City of Owosso
- FY2020 Major Street Rehabilitation, City of Lansing

After excelling early in his career in construction inspection, Mr. Harrington was recently appointed to Construction Manager status in the Lansing office, being the first call for construction inspectors. His ability to explain construction techniques and requirements as well as communicate with contractors, and clients has provided great value to projects.

Mr. Harrington will be responsible for the assistance in the detailed design, permitting, and construction management, administration, and observation of the projects.





Construction Inspector will be **Viola A. Dagadu**. A quality inspector, Viola can comprehend design, communicate with contractors, and provide detailed documentation. Ms. Dagadu is on track to excel as a talented municipal engineer. She has experience beyond her years in construction inspection and administration, having successfully inspected water main and road reconstruction and improvement projects including:

- Adelaide Point Development, City of Muskegon
- FY21 Major Streets – Pennsylvania Avenue Reconstruction, City of Lansing
- Red Cedar Development Sanitary and Road Construction, City of Lansing
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing
- Consumers Energy Inspection DAPP, City of Lansing
- Orchard Street Reconstruction, City of Grand Ledge
- Forest Park Road Reconstruction Phase 3, City of Norton Shores
- Consumers Energy Grid Replacement projects, City of Lansing
- Prospect Street Watermain Replacement & Street Improvements, City of Marshall

Eng.'s confidence in Ms. Dagadu as an inspector was very evident when she was assigned to the City of Lansing's FY21 Local Water Main and Street Improvements project beginning in the fall of 2021 and continuing through the 2022 construction season. Ms. Dagadu handled the reconstruction, water main replacement, and sewer repair of 6 different streets in a \$3.5 million dollar construction project with ease. Her attention to detail and passion for understanding and communication has been invaluable and has put her at the top of Eng. project managers and engineers list for go to inspectors. Continuing the knowledge she has gained from the field, Ms. Dagadu excelled this past winter in design of the City of East Lansing's Local Neighborhood Water Main Replacement and Roadway Improvements Project as well as the City of Lansing's Non-Motorized pathway projects.

Project Surveyor will be **Michael J. Gazella, PS, PE**. Mr. Gazella has more than 40 years of experience with topographic surveys and construction staking. His dual licensure brings together engineering and surveying. Mr. Gazella will be assisted by the two-man survey crew of **Anthony J. Sinnaeve** and **James M. Roeger**, both highly experienced and talented surveyors who have performed topo, boundary, and ALTA surveys as well as construction staking for nearly 40 years combined.

Construction Administration and Materials Testing Manager will be **Linda K. Cook**. Ms. Cook is an MDOT Certified Computerized Office Technician. With significant up-to-date experience with FieldManager, she will assist in processing all required project documentation. Ms. Cook excels at construction administration; specifically, site inspection, measures, calculations, reporting, specifications, submittals, and materials testing. Recently Ms. Cook performed Office Technician duties for the following MDOT LAP projects

- North Street Reconstruction, City of Owosso
- FY22 Major Streets Waverly Road, City of Lansing
- FY21 Major Streets Pennsylvania Avenue, City of Lansing
- Seminole Road Reconstruction, City of Norton Shores
- East Drive, North Drive, and Mansion Street Improvements, City of Marshall
- FY2020 Major Streets, City of Lansing
- Jenne Street and Bridge Street Reconstruction, City of Grand Ledge

Additionally, Ms. Cook manages Eng.'s materials testing program. Being a certified Radiation Safety Officer and completing all required training, combined with her experience in the field, Ms. Cook is a natural fit in this role. She will be responsible for scheduling, testing compliance, report review and delivery for all materials testing performed by Eng.



CAD Drafting will be led by **Steven P. Mayes**. Mr. Mayes has been a civil engineering technician for over 40 years. He is extremely knowledgeable in AutoCAD and has familiarized himself with the City of Owosso standards. Mr. Mayes will process all survey data to deliver digital record drawings and close out documentation.

Eng., Inc. staff will perform all tasks associated with this project except the following:

Materials Testing Assistance (as needed) will be provided by **Soil and Materials Engineers, Inc. (SME)** as a subconsultant. Eng. and SME have been teaming up on projects similar to this proposed project for over 20 years, and have developed a trusted relationship over numerous successful projects.

Resumes of all key Eng. personnel may be found in Additional Information. Resumes for SME are available upon request.



## V. EXPERIENCE

Eng. Inc. has recently performed several local and federal funded water main and road rehabilitation and reconstruction projects for multiple municipalities across the state which are similar in size, scope, budget, and schedule to the City of Owosso's 2024 DWSRF Water Main Project. Additionally, Eng. has successfully completed multiple water main design and construction projects for the Lansing Board of Water and Light and Consumers Energy, and a DWSRF project for the City of Muskegon. A representative list of all water main and road projects is detailed in our Road and Utility Project Matrix in this section.

All work proposed for the project will be coordinated from our Lansing office. The key personnel proposed for these projects have been involved in improving the transportation and utility infrastructure in mid-Michigan for over 16 years. Eng. has successfully completed design and construction of the City of Lansing's MDOT LAP Major Street projects for 8 out of the last 10 years and is currently in the bidding phase for Lansing's FY23 and FY24 Major Street project. Six of the projects also include design and construction of water main replacement in cooperation with the Lansing Board of Water and Light (LBWL). These City of Lansing and LBWL projects include:

- Aurelius Road Bridge Replacement and Two other PM Projects – City of Lansing (water main)
- FY23 and FY24 Major Street Reconstruction – Michigan Avenue Reconstruction (water main and DWSRF)
- Non-Motorized FY23 and FY24 – Coolidge, East, Dunkel
- FY22 Major Street Reconstruction Project – Waverly Road Rehabilitation
- FY21 Major Street Reconstruction Project – Pennsylvania Avenue Reconstruction (water main)
- FY2020 Major Street Rehabilitation Project – Jolly Rd, Aurelius Rd, Enterprise Dr Rehabilitation
- FY18 Major Street Rehabilitation Project – Jolly Road Rehabilitation (water main)
- FY17 Major Street Rehabilitation Project – Jolly Road Rehabilitation (water main)
- Holmes Road Reconstruction Project – Holmes Road Rehabilitation (water main)

Eng. has also recently successfully completed MDOT LAP road rehabilitation and reconstruction projects with water main in the cities of Norton Shores, Grand Ledge, Owosso, and Marshall as well as for the Clinton County Road Commission. Those projects include:

- Stewart Street Reconstruction – City of Owosso (water main and DWSRF)
- Webster Road Resurfacing & Sidewalks – Clinton County Road Commission
- Seminole Road Reconstruction Phases I and II – City of Norton Shores (water main)
- Green Street Reconstruction – City of Grand Ledge (water main)
- Jenne Street & Bridge Street Reconstruction – City of Grand Ledge (water main)
- North Street Improvements – City of Owosso (water main and DWSRF)
- Washington Street Improvements – City of Owosso (water main)
- East Drive, North Drive, and Mansion Street Improvements – City of Marshall (water main)

These projects, along with all other projects listed below, included construction engineering services. Eng. has vast experience in construction inspection and documentation procedures, having successfully closed out all projects in a timely manner.

Beyond the above MDOT LAP projects, Eng. has either successfully completed or is in the design / construction process of the following locally funded and bid projects, all of which follow MDOT standard specifications for construction:

- Local Neighborhood Water Main Replacement and Roadway Improvements – City of East Lansing (water main)
- Leggett Road Reconstruction – City of Marshall (water main)
- Ramona Park Subdivision Improvements – City of Portage (Water Main)
- Lansing Service Center Water Main Extension – Consumers Energy (Water Main)

- Prospect Street Water Main and Road Reconstruction – City of Marshall (Water Main)
- SRF/DWRF Project No. 4 and No. 10 – City of Muskegon (Water Main)
- FY21 Sewer, Water and Road Reconstruction of Local Streets – City of Lansing / Lansing Board of Water and Light (Water Main)
- Orchard Street Reconstruction – City of Grand Ledge (Water Main)
- Lansing Downtown Two-Way Conversion – City of Lansing
- Water Main Design Verlinden - Cawood - Jenison – LBWL (Water Main)
- Delta River Drive Rehabilitation Project – City of Lansing / LBWL (Water Main)
- Stabler Street Rehabilitation – City of Lansing / LBWL (Water Main)
- Green Street Reconstruction – City of Grand Ledge (Water Main)

In summary, Eng. has completed design and construction engineering services for multiple projects that have almost the exact elements and challenges as the City of Owosso's 2024 DWSRF Water Main Project. Eng. is extremely confident in its ability to deliver a high-quality product, on time and on budget.

We have a very strong relationship with our municipal clients. We encourage you to reach out to the following references to discuss the quality of work, character, integrity, and competence of both Eng. as a firm and Erik Morris as a Project Manager and Client Contact.

Municipality	Reference Name, Title	Phone	Email
City of Lansing	Andrew Kilpatrick, PE, Public Service Dir.	(517) 483-4455	<a href="mailto:andrew.kilpatrick@lansingmi.gov">andrew.kilpatrick@lansingmi.gov</a>
City of Lansing	Nicole McPherson, PE, City Engineer	(517) 483-4458	<a href="mailto:nicole.mcpherson@lansingmi.gov">nicole.mcpherson@lansingmi.gov</a>
City of Lansing	Dan Danke, PE, Project Engineer	(517) 483-4455	<a href="mailto:dan.danke@lansingmi.gov">dan.danke@lansingmi.gov</a>
City of Lansing	Marc Jones, PE, Project Engineer	(517) 483-4266	<a href="mailto:marc.jones@lansingmi.gov">marc.jones@lansingmi.gov</a>
City of Lansing	Ann Parry, PE, Project Engineer	(517) 388-5259	<a href="mailto:ann.parry@lansingmi.gov">ann.parry@lansingmi.gov</a>
City of Grand Ledge	Adam Smith, City Manager	(517) 627-2149	<a href="mailto:asmith@cityofgrandledge.com">asmith@cityofgrandledge.com</a>
City of Grand Ledge	Kurt Ristow, Utilities Superintendent	(517) 627-2144	<a href="mailto:kristow@cityofgrandledge.com">kristow@cityofgrandledge.com</a>
City of Marshall	Marguerite Davenport, Dir. of Pub. Services	(269) 781-5183	<a href="mailto:mdavenport@cityofmarshall.com">mdavenport@cityofmarshall.com</a>
Lansing BWL	Joe Eastman, PE, Water Distrib. Engineer	(517) 702-6281	<a href="mailto:joe.eastman@lbwl.com">joe.eastman@lbwl.com</a>
Lansing BWL	Gary Wozniak, PE, Water Distrib. Engineer	(517) 702-6006	<a href="mailto:gary.wozniak@lbwl.com">gary.wozniak@lbwl.com</a>
City of Muskegon	Todd Myers, PE, Deputy Dir of Public Works	(231) 724-4100	<a href="mailto:todd.myers@shorelinecity.com">todd.myers@shorelinecity.com</a>
City of Norton Shores	Jim Murphy, PE, Dir. Dept of Public Works	(231) 799-6803	<a href="mailto:jmurphy@nortonshores.org">jmurphy@nortonshores.org</a>
City of Portage	Kendra Gwinn, Dir of Transp. & Utilities	(269) 329-4422	<a href="mailto:gwink@portagemi.gov">gwink@portagemi.gov</a>
Clinton Co. Rd. Com.	Marc Trotter, PE, Director of Engineering	(989) 668-0044	<a href="mailto:trotterm@ccrc-roads.com">trotterm@ccrc-roads.com</a>
Consumers Energy	John Billette, PE, Senior Engineer	(989) 205-1794	<a href="mailto:john.billette@cmsenergy.com">john.billette@cmsenergy.com</a>

The following are three representative completed projects which demonstrate Eng.'s familiarity with projects similar in size, scope, and budget to the City of Owosso's 2024 DWSRF Water Main Project. Please refer to the Road and Utility Project Matrix included after this section for greater detail and scope of Eng.'s similar experience over the last 15 years.

1. **Michigan Avenue STP 2023-2024 – 2022 .....(Road, Water Main, Storm Sewer, Sanitary Sewer)**  
City of Lansing, MI  
Dan Danke, PE, Project Engineer, (517) 483-4455, [dan.danke@lansingmi.gov](mailto:dan.danke@lansingmi.gov)  
Construction Cost (estimated): \$11,500,000  
Project Length: 1.37 mile  
Michigan Avenue is one of the main gateways to downtown Lansing and is an iconic street in the City. This project will rehabilitate and reconstruct Michigan Avenue from Pennsylvania Avenue to Homer Street. The Avenue will be converted from a 5-lane road with intermittent on street parking to an offset 4-lane configuration of two west bound lanes and a single east bound lane with a center turn lane. Bump outs will be installed at all intersections to facilitate improved bus stops and on-street dedicated parking. The project will include the City's first cycle track. One way cycle tracks will be installed adjacent to sidewalks with a protected landscape buffer between it and traffic, to promote a more inclusive use of the bike facility. Tree replacement will be required. Additionally, the Lansing Board of Water and Light will replace the water



City of Owosso  
2024 DWSRF Water Main Project



main with 1.1 miles of 16-inch and 12-inch water main. Construction will include traffic signal modernization of five intersections. ADA ramp upgrades, storm sewer repairs and replacement, sanitary sewer replacement, street light relocation, and streetscaping will also be required. The project will receive federal funding through three separate MDOT job numbers and will therefore be bid through the MDOT Local Agency Program. The water main portion will be funded with local funds and a DWSRF loan. The project includes topographic survey, sewer televising and review, SHPO clearance, NEPA clearance, design, EGLE permitting, and construction engineering. The project is currently in the bidding phase.

This project is a great example of Eng.'s ability to complete and administer a project that utilizes the State Revolving Fund system. Eng. completed the water main design, and permitting, as well as, assisted the Lansing Board of Water and Light with DWSRF documentation. The project documentation was submitted on schedule and funding secured with no delays.

2. 2023 North Street Rehabilitation – 2022.....(Road, Water Main, Storm Sewer, Sanitary Sewer)  
City of Owosso, MI  
Clayton Wehner, PE, Director of Engineering, (989) 725-0551, [clayton.wehner@ci.owosso.mi.us](mailto:clayton.wehner@ci.owosso.mi.us)  
Project Length 0.5 miles  
Const Cost: (estimated) \$1,550,000

This federal aid project consists of full depth reconstruction of the roadway including water main to be installed utilizing both open cut and direction drilling installations. The work also includes storm sewer replacement, sanitary sewer spot repair and ADA sidewalk ramp upgrades. Eng. provided design engineering assistance to the City who completed the design. Eng. is also responsible for providing full construction engineering services for this project. The project is currently under construction.

This project is an example of Eng.'s ability to complete quality assurance review for both road and water plans developed by the City. Additionally, this is also an example of Eng.'s ability to assist in MDOT LAP program implementation, submittal, and approval having successfully completed SHPO, NEPA, EGLE, MDOT GI and MDOT final submittal for the project.


3. FY21 Sewer, Water Main and Road Reconstruction of Local Streets – 2022.....(Road, Water Main, Storm Sewer, Sanitary Sewer)

City of Lansing, MI  
Marc P. Jones, PE, Project Engineer, 517-388-9474, [marc.jones@lansingmi.gov](mailto:marc.jones@lansingmi.gov)  
Construction Cost: \$4,500,000  
Project Length: 2.25 miles

This locally funded project consists of eight different road segments throughout the City of Lansing totaling over 2 miles. This project is almost identical to the proposed East Lansing Local Neighborhood Project. Eng. completed televising review of all sanitary and storm sewers and made recommendations for repairs, replacement, and improvements. Additionally, Eng. made recommendations for manhole and catch basin replacement based on field investigations. All road segments required sanitary sewer replacement and repairs, storm sewer replacement and repairs, and sidewalk and ADA ramp replacement and repairs. Additionally, road rehabilitation and reconstructions included a range of methods from cold mill and resurface and crush and shape to full depth reconstruction.

Four of the road segments also included water main replacement in cooperation with the Lansing Board of Water and Light. Eng. was able to obtain an EGLE water main permit of nearly 7,200 feet of water main replacement (with deviation requests) without a single comment or revision. Additionally, because of the relocation of some sanitary sewer, Eng. was also able to obtain an EGLE sanitary sewer construction permit without comment. Eng., Inc. was responsible for televising review, scoping, survey, design, permitting, and construction engineering services. Because of the size and location of the project and road segments being added to the scope, the project was broken into two separate bid packages and construction projects. The project is currently in the construction phase.

This project is a great example of Eng.'s ability to conduct design and construction engineering services of multiple roadway segments within the same construction project.

Road and Utility Project Matrix 													
as of July 25, 2023													
Project Name & Owner	Year	Cost	Length (miles)	Funding Source	2023 Bidding	2023 Construction	2023 Design	2023 Permitting	2023 EIR/NEPA	2023 SHPO	2023 NEPA	2023 EGLE	2023 DWSRF
1 2013 Local Street 10th & Barfoot Project - City of Lansing	2013	\$1,193,838.00	0.11	Locally Funded	X								X
2 2013 Street Project (Clinton) - City of Owosso	2013	\$475,000.00	0.8	Locally Funded	X	X							X
3 Aqueduct Road Bridge over Pelee Creek - City of Lansing	2013	\$1,000,000.00	0.09	MDOT LAP	X	X			X	X	X	X	X
4 Ravenna Road Reconstruction - City of Owosso	2013	\$1,400,000.00	0.3	MDOT LAP	X	X	X	X	X	X	X	X	X
5 Michigan Avenue ETP 2013-2024 - City of Lansing	2013	\$1,000,000.00	1.37	Federal & Local	X	X	X	X	X	X	X	X	X
6 FY2013 Local Neighborhood Water Main Replacement & Sanitary Improvements - City of East Lansing	2013	\$4,200,710.00	3+	Locally Funded	X	X	X	X	X	X	X	X	X
7 South Kalamazoo Avenue and Leggett Road - City of Marshall	2013	\$933,400.00	0.0	State and Local	X	X	X	X	X	X	X	X	X
8 Ravenna Park Rehabilitation Improvements - City of Portage	2013	\$1,000,000.00	1	Locally Funded	X	X	X	X	X	X	X	X	X
9 Waterford Road Rehabilitation & Relocation - Clinton County Road Commission	2013	\$1,300,000.00	1.9	Federal & Local	X	X			X	X	X	X	X
10 2013 North Street Rehabilitation - City of Owosso	2013	\$1,210,000.00	0.8	Federal & Local	X	X	X					X	X
11 Lansing Service Center Water Main Reconnect - Consumers Energy	2013	\$3,000,000.00	1.0	Locally Funded	X				X	X	X	X	X
12 Eastlawn Road Reconstruction Phase II - City of Norton Shores	2013	\$1,000,000.00	0.33	Federal Aid	X	X	X	X	X	X	X	X	X
13 Ravenna Street Watermain Replacement & Street Improvements - City of Marshall	2013	\$1,400,000.00	1.00	Locally Funded	X	X			X	X	X	X	X
14 2013 Street Project, Corvair - Maple Avenue - City of Owosso	2013	\$200,000.00	0.10	Locally Funded	X	X							
15 Piquette Park Watermain Replacement Project - City of Grand Ledge	2013	\$179,300.00	0.10	Locally Funded	X				X	X	X	X	X
16 FY21 Waterford Road Water Main Project - City of Lansing	2013	\$1,000,000.00	1.00	Federal Aid	X	X	X	X	X	X	X	X	X
17 Grand Street Reconstruction - City of Grand Ledge	2013	\$400,000.00	0.04	Federal Aid	X	X	X	X	X	X	X	X	X
18 Grand Street Reconstruction - City of Grand Ledge	2013	\$1,000,000.00	0.04	Locally Funded	X	X	X	X	X	X	X	X	X
19 2013 Street Project, Corvair - Maple Avenue - City of Owosso	2013	\$100,000.00	0.04	State	X	X	X	X	X	X	X	X	X
20 Piquette Park Road Reconstruction Phase 3 - City of Norton Shores	2013	\$1,200,000.00	0.30	Locally Funded	X	X	X	X	X	X	X	X	X
21 FY21 Service Water Main and Road Reconstruction of Local Streets - City of Lansing	2013	\$3,500,000.00	3.23	Locally Funded	X	X	X	X	X	X	X	X	X
22 FY21 Major Street Rehabilitation Project - City of Lansing	2013	\$1,000,000.00	0.13	Federal Aid	X	X	X	X	X	X	X	X	X
23 East Drive, North Drive, and Madison Street Improvements - City of Marshall	2013	\$500,000.00	1.07	Federal Aid	X				X	X	X	X	X
24 Ravenna Road Reconstruction Phase I - City of Norton Shores	2013	\$3,000,000.00	0.66	Federal Aid	X	X	X	X	X	X	X	X	X
25 Cambridge to Piquette River Trail Reconstruction - City of Lansing	2013	\$1,100,000.00	0.33	DNV / Local	X	X	X		X	X	X	X	X
26 Downtown Two-way Conversion - City of Lansing	2013	\$450,000.00	N/A	Locally Funded	X				X	X	X	X	X
27 Park Street Improvement Project - City of Muskegon Heights	2013	\$400,000.00	0.03	State and Local	X				X			X	X
28 Jones & Bridge Street Reconstruction Construction - City of Grand Ledge	2013	\$1,333,333.00	0.34	Federal Aid	X	X	X	X	X	X	X	X	X
29 Watermain Design, Verhulst, Cassand, Jensen - Lansing Board of Water and Light	2013	\$133,300.00	3.00	Locally Funded	X				X	X	X	X	X
30 FY2013 City of Lansing (2013) - City of Lansing	2013	\$2,780,300.00	3.18	Federal Aid	X	X	X	X	X	City	X	X	X
31 BAP & DWSRF Project No. 4 & No. 10 - City of Muskegon	2013	\$2,075,000.00	1.00	State Funded	X	X	X	X	X	X	X	X	X
32 Delta River Drive Rehabilitation Project	2013	\$1,475,000.00	1.50	Locally Funded	X	X	X	X	X	X	X	X	X
33 Piquette Hills Battery Street Rehabilitation	2013	\$1,200,000.00	1.33	Locally Funded	X	X	X	X	X	X	X	X	X
34 Washington Street Reconstruction - City of Owosso	2013	\$1,111,314.00	0.34	Federal Aid	X	X	X	X	X	X	X	X	X
35 Howe Road - DMVA, Camp Grading - Michigan Department of Military & Veterans Affairs	2013	\$1,200,000.00	1.70	State Funded	X	X			X	X	X	X	X
36 Grand Street Reconstruction - City of Grand Ledge	2013	\$113,000.00	0.09	Locally Funded	X				X	X	X	X	X
37 FY18 Major Street Rehabilitation Project - City of Lansing	2013	\$2,583,000.00	1.10	Federal Aid	X	X	X	X	X	City	X	X	X
38 Harbor Street Rehabilitation - City of Lansing	2013	\$701,300.00	0.40	Locally Funded	X	X	X	X	X	X	X	X	X
39 FY17 Major Street Rehabilitation, Jolly Road - City of Lansing	2013	\$1,000,000.00	0.81	Federal Aid	X	X	X	X	X	X	X	X	X
40 2018 City Street Reconstruction - City of Norton Shores	2013	\$1,343,000.00	0.90	Locally Funded	X	X	X	X	X	City	X	X	X
41 E. Noyes St. / Franklin St. - City of Grand Ledge	2013	\$1,000,000.00	0.30	Locally Funded	X	X	X	X	X	X	X	X	X
42 East River St. / Russell St. Reconstruction - City of Grand Ledge	2013	\$544,000.00	0.23	Locally Funded	X	X	X	X	X	X	X	X	X
43 Holmes Road Reconstruction (M&L Blvd to Cedar St) - City of Lansing	2013	\$2,175,000.00	1.00	MDOT LAP	X	X	X	X	X	City	X	X	X
44 Mt. Garfield & Delta Rd. Road Rd. Grand St. & Yarrow St. Reconstruction - City of Norton Shores	2013	\$907,000.00	0.03	Locally Funded	X	X			X	X	X	X	X
45 East River Street Reconstruction - City of Grand Ledge	2013	\$600,000.00	0.44	Locally Funded	X	X	X	X	X	X	X	X	X
46 2011 Urban ETP Project A (Pomer St & Clippert St) - City of Lansing	2011	\$1,024,000.00	1.00	Federal Aid	X	X	X	X	X	X	X	X	X
47 Clinton Road Reconstruction & Resurfacing (Waterford Ave to Piquette Ave) - City of Lansing	2010	\$616,000.00	1.06	Federal Aid	X	X	X	X	X	X	X	X	X
48 Spring / West Lincoln Street Reconstruction - City of Grand Ledge	2010	\$433,200.00	0.18	Federal Aid	X	X	X	X	X	X	X	X	X
49 Howe Road Extension - DMVA, Camp Grading	2010	\$600,000.00	0.90	N/A	X	X			X	X	X	X	X
50 2010 Street Rehabilitation Project (T & Y Streets) - City of Lansing	2009	\$1,016,000.00	1.00	Locally Funded	X	X	X	X	X	X	X	X	X
51 Camp Grading Project Upgrade - Michigan Department of Military & Veterans Affairs	2009	\$740,000.00	2.00	Binomial Funds	X	X			X	X	X	X	X
52 Michigan Avenue Resurfacing (Howard Ave to Piquette St) - City of Lansing	2009	\$440,000.00	0.40	ARRA	X				X	X	X	X	X
53 Main Street Resurfacing (Hobbes St to North City Lines) - City of Leno	2009	\$187,000.00	0.37	Locally Funded	X				X	X	X	X	X
54 Grand Street Reconstruction (130-137 to Cedar St) - City of Lansing	2009	\$653,500.00	0.80	Federal Aid	X	X			X	X	X	X	X
55 Clinton Road Reconstruction (Jolly Rd to Grand St) - City of Lansing	2009	\$502,000.00	0.30	Federal Aid	X	X	X		X	X	X	X	X
56 Delwell Street Reconstruction (Edwards St to Lincoln St) - City of Grand Ledge	2009	\$683,000.00	0.37	Locally Funded	X	X	X	X	X	X	X	X	X
57 Edwards Street Reconstruction (Jones St to South Clinton St) - City of Grand Ledge	2008	\$1,232,000.00	0.52	Federal Aid	X	X	X	X	X	X	X	X	X
58 West Road / Clinton Road Reconstruction - City of Lansing	2007	\$504,710.00	0.33	Locally Funded	X	X	X	X	X	X	X	X	X
59 Lake Lansing Road Reconstruction (Lansing City Line to West St - Ingham County Dept of Health)	2007	\$1,030,000.00	0.43	Federal Aid	X	X	X	X	X	X	X	X	X
60 South Washington Avenue Reconstruction (Washington Rd to Edgewood Blvd) - City of Lansing	2006	\$990,000.00	0.30	Federal Aid	X	X	X	X	X	X	X	X	X



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## Erik J. Morris, PE Principal



### Education

B.S., Civil Engineering, 2006  
Michigan State University  
East Lansing, MI

### Licensure

Michigan Licensed Professional  
Engineer #6201066586

### Certification & Training

EGLE Certified Storm Water  
Management - Construction Site:  
A-1j #C-14943

EGLE Certified Soil Erosion and  
Sediment Control Agent, Plan  
Review & Design SE/C #01317

MDOT Certified Computerized  
Office Technician

FieldManager Training 2015

Licensed Radiation Safety Officer

Certified in Nuclear Gauge Safety  
and HAZMAT 2021

Density Testing Qualified, ID No.  
12530-0426

### Professional Experience

2007 – present: Vice President  
Eng., Inc.  
Lansing, MI

Erik Morris is a skilled, detailed, municipal engineer. He has extensive experience with design and construction of roadway reconstruction projects, ADA compliant sidewalks and ramps, is proficient in the use of "FieldManager" software and has served many years as an MDOT Certified Office Technician. Mr. Morris has positively impacted the infrastructure of Eaton, Ingham and Clinton counties, and the cities of Lansing, Grand Ledge, Owosso, Norton Shores, Marshall, Portage, and Muskegon. A well-rounded engineer, he has demonstrated expertise in field management, surveying, construction inspection, and detailed design and construction administration. With his depth of experience, Mr. Morris is an effective and highly respected Project Manager. Mr. Morris is a Principal Partner at Eng. and currently serves as its Vice President.

### Representative Projects

- Stewart Street Reconstruction, City of Owosso, MI
- Aurelius Bridge over Pawlowski Creek, City of Lansing, MI
- Local Neighborhood Water Main Replacement and Roadway Improvements Projects, City of East Lansing, MI
- STP Michigan Avenue 2023-24, City of Lansing, MI
- Ramona Park Subdivision Improvements, City of Portage, MI
- Webster Road Resurfacing & Sidewalks, Clinton County, MI
- Lansing Service Center Water Main Extension, Consumers Energy, Lansing, MI
- 2023 North Street Rehabilitation, City of Owosso, MI
- Prospect Street Water Main and Road Reconstruction, City of Marshall, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- Maple Avenue Improvements, City of Owosso, MI
- FY21 Major Street Rehabilitation Project, City of Lansing, MI
- Cambridge to Frances River Trail Extension Project, City of Lansing, MI
- East Drive, North Drive, and Mansion Street Improvements – 2020, City of Marshall, MI
- Lansing Downtown Two-way Conversion, City of Lansing, MI
- MDOT - Jenne Street and Bridge Street, City of Grand Ledge, MI
- FY2020 STP Major Street Rehabilitation Project, City of Lansing, MI
- As-Needed Scoping Services for Major Streets, City of Lansing, MI
- SRF Project No. 4 & No. 10, City of Muskegon, MI
- Muskegon DWRP Water Main, City of Muskegon, MI
- Frandora Hills Sanitary Sewer Rehabilitation, City of Lansing, MI
- Morley Street Improvements, City of Grand Ledge, MI
- Washington Street Reconstruction, City of Owosso, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- Holmes Road Reconstruction (2014 and 2010), City of Lansing, MI
- East Front Street Reconstruction, City of Grand Ledge, MI
- Spring/W. Lincoln Street Reconstruction, City of Grand Ledge, MI



## Christopher A. Harrington, PE Project Engineer



### Education

B.S., Civil Engineering, 2018  
Michigan State University  
East Lansing, MI

### Associate of Science:

Engineering/Physics 2014  
Lansing Community College  
Lansing, MI

### Licensure

Michigan Licensed Professional  
Engineer # 6201311181

### Certification & Training

EGLE Certified Soil Erosion and  
Sediment Control Agent, Plan  
Review & Design: SE/C #02578

EGLE Certified Storm Water  
Management - Construction Site:  
A-1j #C-20193

FieldManager Training  
January 2019

Density Testing Qualified, ID No.  
12829-0527

Certified in Nuclear Gauge Safety  
and HAZMAT 2022

### Professional Experience

2021 – present: Project Engineer  
2017 – 2019: Staff Engineer  
Eng., Inc.  
Lansing, MI

2016 – 2020: Project Engineer  
Other professional design firms

As a Project Engineer, Chris Harrington has applied an impressive understanding of the scope of complex problems to his innovative design solutions. As an MDOT Certified Office Technician and experienced field technician, Mr. Harrington is fully qualified and capable to conduct construction inspection services on a variety of types of projects. His experience in materials testing, including asphalt, concrete and soils, is a valuable resource for road projects especially. Coupled with his strong work ethic and eagerness to build productive relationships with both owners and contractors, Mr. Harrington has become an exceptionally valuable project engineer.

### Representative Projects

- Stewart Street Reconstruction, City of Owosso, MI
- Aurelius Bridge over Pawlowski Creek, City of Lansing, MI
- Local Neighborhood Water Main Replacement and Roadway Improvements Projects, City of East Lansing, MI
- STP Michigan Avenue 2023-24, City of Lansing, MI
- Webster Road Resurfacing & Sidewalks, Clinton County Road Commission, MI
- Ramona Park Subdivision Improvements, City of Portage, MI
- Lansing Service Center Water Main Extension, Consumers Energy, Lansing, MI
- 2023 North Street Rehabilitation, City of Owosso, MI
- Prospect Street Water Main and Road Reconstruction, City of Marshall, MI
- Maple Avenue Improvements, City of Owosso, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 Major Street Rehabilitation Project, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- Water Main Design Cawood - Jenison - Verlinden, Board of Water and Light, Lansing, MI
- Forest Park Road Reconstruction Phase 3, City of Norton Shores, MI
- Seminole Road Reconstruction, City of Norton Shores, MI
- Muskegon SRF & DWRP, City of Muskegon, MI
- Orchard Street Improvements, City of Grand Ledge, MI
- Washington Street Improvements, City of Owosso, MI
- FY2020 Major Street Rehabilitation, City of Lansing, MI
- Red Cedar Development Construction Oversight, Lansing, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Delta River Drive Rehabilitation, City of Lansing, MI
- Frandora Hills Neighborhood Improvements, City of Lansing, MI
- Consumers Energy Permit Inspection, City of Lansing, MI
- FY17 Crack Sealing, City of Lansing, MI
- Titus Tile Drain, Lenawee County, MI
- Black Creek Consolidated Drain, Muskegon County, MI
- Cory Bishop Drain, Ottawa County, MI
- Selkirk Lake Drain, Allegan County, MI
- Maintenance work, various drains, Barry County, MI
- Livingston No. 29 Drain, Livingston County, MI





**Viola A. Dagadu**  
Staff Engineer, Construction Inspector



**Education**

B.S., Civil Engineering, 2021  
Western Michigan University  
Kalamazoo, MI

**Certification & Training**  
EGLE Certified Storm Water  
Management - Construction Site:  
A-1j #C-22470

Density Testing Qualified, ID No.  
12767-0327

Certified in Nuclear Gauge Safety  
and HAZMAT 2022

ACI Concrete Field Testing  
Technician - Grade I  
Certification #02219488

**Professional Experience**  
2021 – present: Staff Engineer  
Eng., Inc.  
Lansing, MI

2019 - 2020: Survey Intern  
MDOT

Viola Dagadu is on track to excel as a talented municipal engineer. A quality inspector, Ms. Dagadu can comprehend design, communicate with contractors, and provide detailed documentation. She is certified by EGLE in Storm Water Management, and by MDOT for Nuclear Density Testing and Concrete Testing. She has worked on inspection of road, storm sewer, sanitary sewer and drain projects. Ms. Dagadu has worked to improve the infrastructure of the cities of Lansing, Norton Shores, Grand Ledge, and Marshall, MI, as well as Barry and Montcalm counties.

**Representative Projects**

- Local Neighborhood Watermain Replacement and Roadway, City of East Lansing, MI
- Non Motorized Projects 2023-2024, City of Lansing, MI
- FY22 Major Streets Waverly Road, City of Lansing
- Red Cedar Development Sanitary and Road Construction, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- Consumers Energy Inspection DAPP, City of Lansing, MI
- Orchard Street Reconstruction, City of Grand Ledge, MI
- Forest Park Road Reconstruction Phase 3, City of Norton Shores, MI
- Consumers Energy Grid Replacement projects, City of Lansing, MI
- Prospect Street Watermain Replacement & Street Improvements, City of Marshall, MI
- Wolcott Drain, Barry County Drain Commissioner, Barry County, MI
- Shinabarger Drain, Montcalm County Drain Commissioner, Montcalm County, MI
- Meadow Lane Drain, Barry County Drain Commissioner, Barry County, MI



**Linda K. Cook**  
Materials Testing Manager



**Education**

B.S., Applied Engineering  
Sciences, 1993  
Michigan State University  
East Lansing, MI

**Certification & Training**  
EGLE Certified Storm Water  
Management - Construction Site:  
A-1j #C-21277

FieldManager Training  
January 2020

MDOT Certified Computerized  
Office Technician

Licensed Radiation Safety Officer

Certified in Nuclear Gauge Safety  
and HAZMAT 2021

Density Testing Qualified, ID No.  
12692-0127

ACI Concrete Field Testing  
Technician - Grade I  
Certification #02219513

**Professional Experience**  
2019 – present: Staff Engineer  
Eng., Inc.  
Lansing, MI

2018 – 2019: Configuration  
Management  
Convergenz, LLC, Vienne, VA

2016 – 2018: Data Analyst  
One Magnify, Detroit, MI

1997 – 2007: Staff Engineer  
R&M Consultants  
Anchorage, AK

Linda Cook graduated with a Bachelor of Science in Applied Engineering Sciences. Throughout her careers as a Staff Engineer, Data Analyst, and Configuration Manager, Ms. Cook has applied the principles of engineering to find solutions to problems. Ms. Cook is very detailed and excels at construction inspection and administration, specifically: site inspection, measures, calculations, reporting and materials testing. Ms. Cook is also experienced in plan and specification development, implementation and review, is trained in FieldManager software, is an MDOT Certified Computerized Office Technician, and can provide AutoCAD for civil drawings and estimates.

**Representative Projects**

- STP Michigan Avenue 2023-24, City of Lansing, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 STP Pennsylvania Avenue Major Street Project, City of Lansing, MI
- East Drive, North Drive, and Mansion Street Improvements, City of Marshall, MI
- 2023 North Street Rehabilitation, City of Owosso, MI
- FY2020 STP Major Street Rehab Project, City of Lansing, MI
- MDOT – Jenne Street and Bridge Street, City of Grand Ledge, MI
- Downtown Two-way Conversion, City of Lansing, MI
- Seminole Road Reconstruction, City of Norton Shores, MI
- Swiss Villages Drain, Ottawa County Water Resources Commissioner, Ottawa County, MI
- Coles Park Drain, Ottawa County Water Resources Commissioner, Ottawa County, MI
- Discount Tire – MIM 11970, Discount Tire Company, Marquette, MI
- Wildwood Springs Drain, Preliminary Engineering Services, Ottawa County Water Resources Commissioner, Ottawa County, MI
- SRF Implementation Projects No.4 & No. 10, City of Muskegon, MI
- Construction Drawing Reviews, City of Grand Ledge, MI
- Frandora Hills Sanitary Sewer Rehabilitation, City of Lansing, MI
- Replace Sanitary Sewer 500 Area, Department of Military and Veterans Affairs, Camp Grayling, Grayling, MI
- Cory Bishop Drain Design Engineering, Ottawa County Water Resources Commissioner, Ottawa County, MI
- Burcham Hills, MAYOTTEgroup Architects, East Lansing, MI
- Kuis Drain Construction Services, Muskegon County Water Resources Commissioner, Muskegon County, MI
- Montgomery Drain (M12-64) Design, Ingham County Drain Commissioner, Lansing, MI





## Michael J. Gazella, PS, PE Survey Manager



### Education

B.S. Land Surveying, 1979  
Ferris State College  
Big Rapids, MI

B.S. Civil Engineering, 1991  
Michigan State University  
East Lansing, MI

### License

Michigan Licensed Professional  
Surveyor #45499

Michigan Licensed Professional  
Engineer #45086

### Certification & Training

EGLE Certified Storm Water  
Management - Construction Site:  
A-1j #C-12445

EGLE Certified Soil Erosion and  
Sediment Control Agent: SESC  
Comprehensive SE/C #00864

### Professional Experience

1997 – present: Survey Manager  
and Senior Civil Engineer  
Eng., Inc.  
Lansing, MI

1979 – 1997: Civil Engineer and  
Survey Technician  
Other professional design firms

Mike Gazella is the Survey Manager responsible for topographic surveys for municipal, county, and private projects. Mr. Gazella has over 40 years of experience in the Civil Engineering and Land Surveying professions. His primary role as an engineer has been in the detailed design of municipal infrastructure projects including sanitary and storm water systems, water transmission and distribution systems, and street and road improvement projects. As a Project Surveyor, Mr. Gazella has extensive experience with land, topographic, control, and construction surveys.

### Representative Projects

- Aurelius Bridge over Pawlowski Creek, City of Lansing, MI
- Local Neighborhood Water Main Replacement and Roadway Improvements Projects, City of East Lansing, MI
- STP Michigan Avenue 2023-24, City of Lansing, MI
- Webster Road Resurfacing & Sidewalks, Clinton County Road Commission
- Lansing Service Center Water Main Extension, Consumers Energy, Lansing, MI
- Prospect Street Water Main and Road Reconstruction, City of Marshall, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- Maple Avenue Improvements, City of Owosso, MI
- FY21 Major Street Rehabilitation Project, City of Lansing, MI
- FY2020 STP Major Street Rehabilitation Project, City of Lansing, MI
- Park Street Improvement Project, City of Muskegon Heights, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- Water Main Design-Multiple Locations, Lansing Board of Water and Light, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- 2016 City Street Reconstruction, City of Norton Shores, MI
- Fred Meijer CIS Rails to Trails Project, Clinton, Ionia, and Shiawassee Counties, MI
- Camp Grayling Paving, Water, Sewer Projects, Grayling, MI
- Lansing Campground Survey, Lansing, MI
- Astera Credit Union (2 locations), Lansing, MI
- Ingham County 911 Facility Topographic Survey, Lansing, MI
- Burcham Hills, East Lansing, MI
- NCG Cinemas, Lansing Township, MI
- Waterbury Place, Meridian Township, MI
- Burrell Intercounty Drain, Delta Township, MI
- M-100 Non-motorized Pathway, City of Grand Ledge, MI
- Rosemary Ave. Pathway Project, Lansing Township, MI
- Canal Road Reconstruction, Delta Township, MI
- Northport Condominiums, Meridian Township, MI



## Anthony J. Sinnaeve Survey Crew Leader



### Education

Bachelor of Science in Applied  
Mathematics, 1985  
Ferris State University  
Big Rapids, MI

### Certifications & Training

Certified Survey Technician Level  
III, Boundary and Construction  
NSPS-ACSM

### Professional Experience

2008 – present: Survey Crew  
Chief  
Eng., Inc.  
Lansing, MI

1999 – 2008: Crew Chief  
Wolverine Engineers and  
Surveyors, Inc.  
Mason, MI

1999 – 2008: Rod Man  
Wolverine Engineers and  
Surveyors, Inc.  
Mason, MI

1994 – 1995: Rod Man  
Larry Bryan Surveys  
Haslett, MI

Tony Sinnaeve is a highly skilled survey technician and Survey Crew Chief for Eng., Inc. Tony has over a decade of experience, is a Level 3 Boundary and Construction Certified Survey Technician, and has taken the initiative to remain current with the latest technological advancements in his field. Currently, Tony uses a Robotic Total Station to complete boundary/ALTA and topographic surveys of various sized parcels as well as route surveys and construction staking. Along with his technical skills, Tony has also developed managerial skills and factors in scope, time and budget when directing his crew and making decisions.

### Representative Projects

- Local Neighborhood Water Main Replacement and Roadway Improvements Projects, City of East Lansing, MI
- STP Michigan Avenue 2023-24, City of Lansing, MI
- Lansing Service Center Water Main Extension, Consumers Energy, Lansing, MI
- Prospect Street Water Main and Road Reconstruction, City of Marshall, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- FY21 Major Street Rehabilitation Project, City of Lansing, MI
- Maple Avenue Improvements, City of Owosso, MI
- FY2020 STP Major Street Rehabilitation Project, City of Lansing, MI
- FireKeepers Casino 2019 Topographic Survey, FireKeepers Casino, Battle Creek, MI
- Pointe Marine Marina, Point Marine, North Muskegon, MI
- Southern Michigan Prison Complex, DTMB DOC, Jackson, MI
- Camp Grayling National Guard Training Facility, DMVA, Grayling, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- Burcham Hills Retirement Center, MAYOTTEgroup Architects, East Lansing, MI
- MIA 16, Discount Tire, Jackson, MI
- SRF Projects No. 4 & No. 10 Implementation, City of Muskegon, MI
- Morley Street Improvements, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Rotary Shelter, Grand Ledge Rotary Club, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- Water Main Design-Multiple Locations, Lansing Board of Water and Light, MI





**James M. Roeger**  
Engineering Technician, Survey Crew



**Education**

Bachelor of Science in Civil  
Engineering Technology /  
Construction Technology, 1988  
Purdue University  
Ft. Wayne, IN

**Professional Experience**

2016 – present: Engineering  
Technician and Survey Crew  
Eng., Inc.  
Lansing, MI

2005 – 2016: Mathematics  
Instructor  
Lubbock Independent School  
District  
Lubbock, TX

1991 – 2002: Aggregate  
Technologist and Survey Crew  
Chief  
Other professional design firms

Jim Roeger came to Eng. with eleven years' experience as an aggregate technologist and survey crew chief, and has since demonstrated significant understanding and expertise in construction technology. Mr. Roeger's broad grasp of civil engineering construction processes has allowed Eng. to utilize his talents in a number of roles in anticipation of, during, and following construction of both transportation and drainage projects. This experience, in tandem with his agreeable disposition, makes him particularly well suited to road construction inspection.

**Representative Projects**

- Local Neighborhood Water Main Replacement and Roadway Improvements Projects, City of East Lansing, MI
- STP Michigan Avenue 2023-24, City of Lansing, MI
- Lansing Service Center Water Main Extension, Consumers Energy, Lansing, MI
- Prospect Street Water Main and Road Reconstruction, City of Marshall, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- FY21 Major Street Rehabilitation Project, City of Lansing, MI
- Maple Avenue Improvements, City of Owosso, MI
- FY2020 STP Major Street Rehabilitation Project, City of Lansing, MI
- FireKeepers Casino 2019 Topographic Survey, FireKeepers Casino, Battle Creek, MI
- Pointe Marine Marina, Point Marine, North Muskegon, MI
- Southern Michigan Prison Complex, DTMB DOC, Jackson, MI
- Camp Grayling National Guard Training Facility, DMVA, Grayling, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- Burcham Hills Retirement Center, MAYOTTEgroup Architects, East Lansing, MI
- SRF Projects No. 4 & No. 10 Implementation, City of Muskegon, MI
- Morley Street Improvements, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Rotary Shelter, Grand Ledge Rotary Club, City of Grand Ledge, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- 2016 City Street Reconstruction, City of Norton Shores, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- White Pines and Griffin Access Road, Grand Haven, MI
- 2016 Sanitary Sewer Rehabilitation Projects, City of Lansing, MI



**Steven P. Mayes**  
CAD Manager



**Certification & Training**  
Intergraph Site Works Training

Autodesk Land Desktop Training

Micro Station Graphics

AutoCAD Application

AutoCAD Customizing

AutoCAD Map Training

**Professional Experience**  
1998 – Present: Senior CAD  
Technician, CAD Manager  
Eng., Inc.  
Lansing, MI

1978 – 1998: Senior Technician,  
Civil Technician, Drafting  
Technician, and Drafting  
Director  
Other professional design firms.

As Senior CAD Technician, Steve Mayes directs and coordinates the production of computer-assisted documents required to illustrate the design and detail created by professional personnel. His experience includes the drafting of road plans, water distribution systems, storm sewer systems, wastewater collection and treatment facilities, topographic and boundary surveys, site plans and similar drawings utilized for physical improvements.

Mr. Mayes also assists with computer network administration and assures compatibility of systems both internally and with our clients. In the constantly changing software environment, dependability of equipment is key to maintaining client satisfaction. His duties include maintaining CAD standards consistent with specific client requirements. Mr. Mayes is knowledgeable in MDOT, AASHTO and ADA standards.

**Representative Projects**

- Aurelius Bridge over Pawlowski Creek, City of Lansing, MI
- Local Neighborhood Water Main Replacement and Roadway Improvements Projects, City of East Lansing, MI
- STP Michigan Avenue 2023-24, City of Lansing, MI
- Webster Road Resurfacing & Sidewalks, Clinton County Road Commission
- Lansing Service Center Water Main Extension, Consumers Energy, Lansing, MI
- 2023 North Street Rehabilitation, City of Owosso, MI
- Prospect Street Water Main and Road Reconstruction, City of Marshall, MI
- FY22 STP Waverly Road Major Street Project, City of Lansing, MI
- FY21 Sewer, Water Main and Road Reconstruction of Local Streets, City of Lansing, MI
- FY21 Major Street Rehabilitation Project, City of Lansing, MI
- Cambridge to Frances River Trail Extension Project, City of Lansing, MI
- Maple Avenue Improvements, City of Owosso, MI
- FY2020 STP Major Street Rehabilitation Project, City of Lansing, MI
- Park Street Improvement Project, City of Muskegon Heights, MI
- Washington Street Reconstruction, City of Owosso, MI
- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- Water Main Design-Multiple Locations, Lansing Board of Water and Light, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- 2016 City Street Reconstruction, City of Norton Shores, MI
- M-100 Non-motorized Pathway, City of Grand Ledge, MI
- Rosemary Avenue Pathway Project, Lansing Township, MI
- Howe Road Extension and Paving Upgrade, Camp Grayling, MI
- Mill Street Bridge & Road Reconstruction, City of Leslie, MI
- Lake Lansing Road Reconstruction, Lansing Township, MI
- West Road and Coleman Road Reconstruction, City of East Lansing, MI



2663 Eaton Rapids Road  
Lansing, MI 48911-6310

T (517) 887-9181

www.sme-usa.com

July 24, 2023

Mr. Erik Morris, PE  
Vice President  
Eng., Inc.  
4063 Grand Oak Drive, Suite A109  
Lansing, Michigan 48911

Via E-mail: morrise@engdot.com

RE: Construction Materials Services (CMS) Estimate  
City of Owosso 2024 DWSRF Water Main Project  
Owosso, Michigan  
SME Proposal No. P02778.23

Dear Mr. Morris:

Thank you for considering SME to be part of the construction team for the City of Owosso 2024 DWSRF Water Main Project. We look forward to helping make this a successful project.

## SCOPE OF SERVICES

Based on the RFP in your e-mail dated July 17, 2023, we anticipate that our scope of services could consist of density testing, concrete testing, and miscellaneous laboratory testing. We have provided rates for half day and full day visits in addition to the basic laboratory testing typically performed for these types of projects.

- Half day visit – \$680
  - Each half day visit includes up to two hours of on-site time, travel time and mileage to and from the site, report writing, report review, report transmittal and equipment preparation/calibration;
- Full day visit – \$1,100
  - Each full day visit includes up to six hours of on-site time, travel time and mileage to and from the site, report writing, report review, report transmittal and equipment preparation/calibration;
- Cylinder pick-up visit – \$305 per visit
  - Includes travel time and mileage to and from the site
  - Would only apply if SME is not on-site the next weekday for field work
- Project Registration/Setup – \$320
- Concrete Test Cylinders – \$24 per cylinder (\$120 per set of five cylinders)

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- Density Gauge – \$70 per day
- Maximum Density Equipment – \$75 per day
- Washed Gradation Test (Sand) – \$250 per test
- Washed Gradation Test (Aggregate Base) – \$340 per test
- Extraction Gradation on Asphalt – \$500 per test

## REPORTING

SME provides reports that are distributed via our online platform, Construction Hive. You will receive an email notification with instructions to register with Construction Hive when your first set of reports is uploaded to the site. Please provide us with the contacts you wish to have included on the report distribution list for this project. Reports on Construction Hive may be conveniently accessed, viewed or printed by anyone on this distribution list at any time after setting up their free personalized account. The report links in your email will expire after 14 days if you have not registered for your free account.

## FEES AND CONTRACT

Our services will be invoiced on a time and materials basis using our current fee schedules. We have not included overtime rates in our estimates. Overtime is defined as field work in excess of eight hours per day, before 8:00 a.m. or after 5:00 p.m. Monday through Friday or anytime Saturday, Sunday, or holidays.

A copy of our SME General Conditions, which governs our services, is attached. Please sign in the space indicated, including the billing address, and return for our records. Modifications to the terms and conditions provided could result in changes to scope and/or fee.

## SCHEDULING SERVICES

Initially for scheduling services, please contact Mr. Charlie Pakkala by 3:00 p.m. to coordinate services for the following day. Mr. Pakkala can be reached at 517-887-9181. As the project progresses, we anticipate the scheduling of our day to day services will be coordinated with our on-site field staff and the Eng., Inc. field representative.

In summary, we believe SME's team can contribute to the success of this project. Please contact us if you have any questions regarding this proposal and/or if you would like to have a meeting.

Sincerely,

SME

PREPARED BY:

Todd S. Neumann  
Senior Project Consultant

REVIEWED BY:

Megan S. Jacobs, PE  
Senior Consultant

Attachments: SME General Conditions – Commercial (03/15)

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## SME GENERAL CONDITIONS

- 1. DEFINITIONS:** In this Agreement, the party agreeing to have the services performed is the "CLIENT." The CLIENT's CLIENT shall be referred to as the "OWNER." Unless expressly stated otherwise, SME, its employees, agents, subconsultants and subcontractors, are collectively referred to as "SME." The "services" to be provided under this Agreement are defined in SME's Proposal and subsequent written amendments, change orders, or otherwise-authorized additional services.
- 2. INVOICING AND PAYMENT:** SME will submit invoices to CLIENT monthly and a final bill upon completion of services. Payment is due upon presentation of invoice to the CLIENT and is past due 30 days from date of the invoice. CLIENT agrees to pay a service charge of 1-1/2% per month, or the maximum rate allowed by law, whichever is greater, on past due accounts.
- 3. INSTRUMENTS OF SERVICE:** All reports, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by SME in connection with this Project shall be considered Instruments of service, and shall remain the property of SME. SME grants CLIENT and OWNER a limited license to use such instruments of service for the purpose of designing, constructing, maintaining or repairing work that is part of this Project. Any reuse of SME's instruments of service for any purpose other than the limited license granted herein is prohibited and SME shall have no responsibility to CLIENT, OWNER or third parties for unauthorized use of its instruments of services.
- 4. RECORDS RETENTION:** SME will retain pertinent records relating to the services performed for CLIENT for a period of time consistent with SME's File Management Plan, a copy of which will be provided to CLIENT upon request. During that period, the records will be made available to the CLIENT at reasonable times. At the end of the retention period indicated in SME's File Management Plan, SME may, in its sole discretion, dispose of all such records.
- 5. SME MAKES NO WARRANTY, EXPRESS OR IMPLIED, WITH REGARDS TO ITS SERVICES.**
- 6. TERMINATION:** Either party may terminate this Agreement upon at least 7 days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination will not be effective if that substantial failure is remedied before expiration of the period specified in the written notice. This Agreement shall also be automatically terminated upon a suspension of the Project for more than 3 months. In the event of termination, CLIENT will pay SME for services performed to the termination notice date plus reasonable termination expenses. In the event of termination, or suspension, prior to completion of all reports contemplated by this Agreement, SME may complete such analyses and records as are necessary to complete the files and may also complete a report on the services performed to the date of notice of termination or suspension. The expenses of termination or suspension include all direct costs of completing such analyses, records, and reports.
- 7. DISPUTES:** If any dispute arising out of or relating to this Agreement, or its breach, is not settled through direct discussions, the parties agree that as a condition precedent to litigation or arbitration, they will endeavor for 30 days following written notice by one party to the other of a dispute or breach, to settle the dispute by mediation with the assistance of a neutral mediator. In any litigation or arbitration, if applicable, the parties agree that the prevailing party is entitled to recover all reasonable costs incurred in defense or prosecution of the claim, including its staff time, court costs, attorney's fees, and other claim-related expenses. Notwithstanding, SME has no obligation to mediate with CLIENT prior to litigation when collecting fees owed by CLIENT.
- 8. AUTHORIZATION:** By signing these General Conditions, CLIENT agrees to accept the proposal, including these General Conditions and any Special Conditions, as the Agreement governing SME's services and the relationship between the parties. If CLIENT gives SME other-than-written authorization to proceed with services after receiving SME's written proposal, CLIENT accepts the proposal, these General Conditions, and any Special Conditions, as the Agreement governing SME's services, and the Agreement is effective, except for those provisions that CLIENT objects to in writing within 7 days following the other-than-written authorization.
- 9. SAFETY:** SME will be responsible only for the safety of SME employees. Unless otherwise explicitly described in our scope of services, the scope of services does not include job or site safety for, or supervision or direction of, the work of others. The presence of SME on the job site should not be construed to in any way relieve the CLIENT, other contractors, or other parties on the site of the obligation and responsibilities for their personal safety and the safety of their employees, consultants, and subcontractors.
- 10. INSURANCE:** SME and its staff are protected by worker's compensation insurance and SME has coverage under General Liability and Professional Liability insurance policies. SME will provide CLIENT with evidence of such policies upon written request. SME is not responsible for any loss, damage or liability arising from acts of CLIENT, its agents, staff, and other consultants employed by CLIENT.
- 11. INDEMNIFICATION:** To the fullest extent permitted by law, CLIENT shall hold harmless, defend, and indemnify SME from and against all claims, damages, losses and expense, including reasonable attorney fees, arising out of the performance of SME's services or the materials of others in connection with the Project regardless of whether or not such claim, damage, loss or expense is caused in part by SME; provided however, that this obligation shall not apply to claims, damage, loss or expense caused solely by negligence of SME.

- 12. GOVERNING LAW:** The parties agree that this Agreement shall be governed in all respects by the laws of the State of Michigan.
- 13. LIMITATION OF LIABILITY:** In consideration for SME's undertaking to perform services at the rates set forth on the Fee Schedule attached to SME's proposal or the lump sum fee provided, CLIENT agrees to limit all potential liability of SME to CLIENT, its employees, agents, successors and assigns, for any and all claims, losses, breaches, damages or expenses arising from, or relating to SME's performance of services on this Project, such that SME's total aggregate liability to CLIENT, its employees, agents, successors and assigns shall not exceed \$50,000 or SME's total fee for the services rendered on the Project, whichever is greater. The CLIENT understands that it may negotiate a higher limit of liability in exchange for an appropriate increase in SME's fee.
  - a) CLIENT further agrees that it will require all of its contractors and consultants on this project and their respective subcontractors and subconsultants, be bound by an identical limitation of SME's aggregate liability in their agreements for work on this Project.
  - b) CLIENT further agrees that it will require all of its contractors and subcontractors defend and indemnify CLIENT and SME from any and all loss or damage, including bodily injury or death, arising from contractor or subcontractors performance of work on this Project, regardless of whether or not such claim, damage, loss or expense is caused in part by SME provided however, that this obligation shall not apply to claims, damage, loss or expense caused by the sole negligence or fault of SME.
- 14. PERIOD OF LIMITATION:** Notwithstanding any period of limitations that might otherwise apply, the parties agree that no action, claim or proceeding of any kind, whether in tort, contract or equity arising out of SME's services may be brought against SME more than two years after the first to occur of the following events: (i) the date of CLIENT's acceptance, use or occupancy of the Project that is the subject of this engagement, or (ii) the date of SME's last service in connection with this Project.
- 15. ADDITIONAL SERVICES:** If SME provides services at the request of CLIENT, in addition to those described in the scope of work contained in SME's proposal, CLIENT agrees that these general conditions including any Special Conditions shall apply to all such additional services.
- 16. AGREEMENT:** This Agreement includes SME's Proposal, these General Conditions, and any other Special Conditions, Fee Schedules, or other documents provided with SME's Proposal. This Agreement constitutes the entire contractual relationship between the parties and cannot be changed except by a written instrument signed by both parties. All preprinted Terms and Conditions on CLIENT's Purchase Order(s) or acknowledgement forms are inapplicable to this Agreement. In the event any provision of this Agreement is held invalid or unenforceable, the other provisions will remain in full force and effect, and binding upon the parties. All the terms of this Agreement, including provisions relating to limitation and allocation of liability, shall survive the completion and/or termination of this Agreement. This Agreement cannot be assigned by either party without the written consent of the other party.

Please complete and return the signed General Conditions to SME to indicate acceptance of this proposal and to initiate work on the referenced project. The CLIENT's signature or direction to proceed also indicates that he/she has read or has had the opportunity to read the General Conditions and agrees to be bound by such General Conditions.

### SME PROPOSAL

Proposal No.: P02778.23

Project Name: City of Owosso 2024 DWSRF Water Main Project

Project Location: Various, Owosso, Michigan 48867

### CLIENT PROPOSAL AND AGREEMENT ACCEPTANCE (Please Print or Type)

CLIENT Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

CLIENT (Company) Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Email: \_\_\_\_\_



## **MEMORANDUM**

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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DATE: August 21, 2023  
TO: Owosso City Council  
FROM: Clayton Wehner, Director of Engineering  
SUBJECT: Engineering Services for 2024 Sewer Lining Project

### **RECOMMENDATION**

Waive competitive bidding for professional services in accordance with Sec. 2-346 of the Code of Ordinances and approve the proposal provided by OHM Advisors in the amount of \$30,000.00, for engineering services for the 2024 Sewer Lining Project.

### **BACKGROUND**

City staff wishes to make repairs on various segments of sanitary and storm sewer during the 2024 construction season. These sewer segments have previously been televised and are showing signs of deterioration. Lining is the preferred method of rehabilitation given the location of the sewers and to save on street restoration costs. Maps are attached with proposed project locations. On August 11, 2023, city staff received a proposal from OHM Advisors to perform design and construction engineering for this project in the amount of \$30,000.00. The OHM Advisors proposal is also attached.

### **FISCAL IMPACTS**

Funds for the above proposed services in the amount of \$30,000.00 will be issued from sewer fund account number 590-901-973.000-SEWERREHAB (\$18,000.00) and local street account number 203-463-818.000 (\$12,000.00).

ENCLOSURES: (1) Resolution  
(2) Addendum  
(3) OHM Advisors Proposal  
(4) Maps of Project Areas

**RESOLUTION NO.**

**APPROVE ADDENDUM NO. 2024-01  
TO THE FY2023-2024 GENERAL ENGINEERING SERVICES CONTRACT WITH  
OHM ADVISORS  
FOR DESIGN AND CONSTRUCTION ENGINEERING SERVICES FOR THE  
2024 SEWER LINING PROJECT**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a contract for general engineering services with OHM Advisors on June 5, 2023 for the term of July 1, 2023 to June 30, 2024; and

WHEREAS, the City desires to make necessary repairs to its sanitary sewer collection system and its storm sewer system; and

WHEREAS, this work requires the services of a professional engineering firm to complete design and construction engineering of the project; and

WHEREAS, the City has reviewed the proposal as provided from OHM Advisors in the amount of \$30,000.00, and has determined that the scope of services as submitted for design and construction engineering for the repair of sanitary and storm sewers is acceptable and recommends approval of the same; and

WHEREAS, Section 2-346 of the City of Owosso Code of Ordinances allows competitive bidding to be waived for professional services.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has theretofore determined that it is advisable, necessary and in the public interest to employ OHM Advisors to provide design and construction engineering services for the 2024 Sewer Lining Project.
- SECOND: The Mayor and City Clerk are instructed and authorized to sign the necessary documents substantially in the form attached as Addendum No. 2024-01 to the FY2023-2024 General Engineering Services Contract between the City of Owosso, Michigan and OHM Advisors.
- THIRD: The Accounts Payable department is authorized to make payment up to the amount of \$30,000.00 to OHM Advisors upon successful completion of stated work.
- FOURTH: The above expenses shall be paid from Sewer Fund Acct No. 590-901-973.000-SEWERREHAB (\$18,000.00), local street account number 203-463-818.000 (\$12,000.00), and other funds as appropriated.

**ADDENDUM NO. 2024-01 TO THE  
FY2023-2024 GENERAL ENGINEERING SERVICES CONTRACT  
WITH OHM ADVISORS  
FOR DESIGN AND CONSTRUCTION ENGINEERING SERVICES  
FOR THE 2024 SEWER LINING PROJECT**

This addendum is attached and made part of the contract for services for the Professional Engineering Services Contract, approved by City Council June 5, 2023 for the term of July 1, 2023 to June 30, 2024 between the city of Owosso, Michigan (City) and OHM Advisors (Engineer).

**2024 SEWER LINING PROJECT**

**PROJECT SCOPE OF WORK**

The project scope of work is design and construction engineering services as specified in the attached proposal.

**SCHEDULE**

The schedule for the project is to begin on September 1, 2023 and be completed by June 30, 2024.

**COMPENSATION**

As specified in the attached proposal, total cost for services is \$30,000.00. The engineer shall submit for payment based on monthly progress of the work.

For the Engineer:

OHM Advisors

By: \_\_\_\_\_

By: \_\_\_\_\_

Executed: \_\_\_\_\_, 2023

For the City:

City of Owosso, Michigan

By: \_\_\_\_\_  
Robert J. Teich, Jr., Mayor

By: \_\_\_\_\_  
Amy K. Kirkland, City Clerk

Executed: \_\_\_\_\_, 2023



August 11, 2023

Mr. Clayton Wehner, PE  
Director of Engineering  
City of Owosso  
301 West Main  
Owosso, MI 48867

RE: Proposal for Professional Design and Construction Services  
FY23-24 Sewer Lining Project

Dear Mr. Wehner:

In response to the City's commitment to improve its public infrastructure, OHM Advisors is pleased to submit this proposal to assist the City with rehabilitation of their sanitary sewer and storm sewer systems. The letter proposal for professional services herein outlines our strategy to accomplish the project objectives. These sections include our Project Understanding, Scope of Services, Project Deliverables, Clarifications & Assumptions, and Fee & Schedule for the anticipated improvements.

## PROJECT UNDERSTANDING

As part of the City's FY23-24 Sewer Lining Project, the City will perform rehabilitation measures on deteriorated sanitary sewer and storm sewer segments. The project construction work will take place at the following locations:

### Sanitary Sewer

- SGM-1304-020 – near Campbell Dr on Shiawassee River embankment
  - 24" diameter interceptor pipe with access and bypass pumping issues – recommend geopolymer grouting if full CIPP liner or pipe replacement not possible
- SGM-1904-028 – S Dewey St between E Main St and E Comstock St
  - 12" diameter pipe with spot repair completed in 2023 – recommend spot liner at 106-110 ft upstream of downstream manhole SNM-1904-051
- SGM-2302-007 – Frederick St between Nelson St and George St
  - 10" diameter pipe – candidate for full CIPP liner
- SGM-2302-006 – Frederick St between George St and Kenwood Dr
  - 18" diameter pipe – candidate for full CIPP liner
- SGM-2401-056 – E Comstock St between S Washington St and N Park St
  - 8" diameter pipe with spot repair completed in 2023 – recommend top-hat liner at 23-25 ft downstream of upstream manhole SNM-2401-045
- SGM-2402-015 – S Saginaw St between Harper St and E Ridge St
  - 8" diameter pipe – candidate for full CIPP liner



### Storm Sewer

- STG-0710 – transverse segment between N Hickory St and Dingwall Dr
  - 15” diameter pipe – candidate for full CIPP liner
- STG-1025 – transverse segment between Dingwall Dr and Summit St
  - 15” diameter pipe – candidate for full CIPP liner
- STG-2947 – westerly segment on Grover St between S Dewey St and Oakwood Ave
  - 15” diameter pipe – candidate for full CIPP liner
- STG-0996 – easterly segment on Grover St between S Dewey St and Oakwood Ave
  - 15” diameter pipe – candidate for full CIPP liner
- Depending on available budget, multiple of the above storm sewer segments may be add alternates to the base bid for the project

We further understand that these upgrades are taking place within established residential and business neighborhoods. Safety, traffic control, and accessibility will be at the forefront of consideration for construction practices of the sanitary sewer and storm sewer repairs in these areas.

## **SCOPE OF SERVICES**

Our scope of services for the overall work effort is as follows:

### **I. Design Engineering Services**

Under this phase of work, OHM Advisors will provide project location maps, prepare technical specifications, and prepare an opinion of construction cost with contract pay items. Specific work tasks would include the following:

- Facilitate and attend a project kick-off meeting with the City.
- Prepare project location maps for each pipe segment.
- Provide a list of flow rates as available for each pipe segment for use in by-pass pumping requirements.
- Prepare opinion of construction cost for sewer rehab work.
- Prepare technical specifications.
- Coordinate preparation of contract book for bidding with City.
- Conduct contract bidding following City ordinances.
- Prepare bid tabulation to verify accuracy of the bids.
- Provide a recommendation of award to City council based on received contractor bids.

### **II. Construction Engineering Services**

Under this phase of work, OHM Advisors will provide construction engineering services for the projects identified above. Specific work tasks would include the following:

- Organize, attend, and conduct the preconstruction meeting at City Hall.
- Project oversight and quality assurance with certified field staff.
- Review contractor CCTV videos for confirmation of rehab methods and locations.
- Facilitation of bi-weekly progress meetings.
- Prepare contractor pay estimates on a monthly basis.
- Process contract change orders.
- Assist the City in resolving problems, citizen complaints, and/or claims related to the project.

### **OHM Advisors®**

201 EAST ELLSWORTH STREET, UNIT 100  
MIDLAND MICHIGAN 48640

T 989.956.2020 **OHM-Advisors.com**



- Coordinate final punch list with contractor.
- Project close-out services along with finalization of project documentation and files.

## PROJECT DELIVERABLES

OHM Advisors will provide the City with the following deliverables consistent with the scope of work:

- Project location maps
- List of pipe flow rates
- Technical specifications
- Cost opinion with contract pay items

## CLARIFICATIONS & ASSUMPTIONS

The following assumptions are part of our proposal, in addition to any assumptions noted within our scope of work section:

- By-pass pumping and maintenance of traffic will be the responsibility of the selected contractor.
- The City will pay any necessary permit fees and submit for necessary permits as in the past.
- An MDOT permit for advance warning signage will be required for work at or near M-21.
- No wastewater construction permit from EGLE is anticipated to be needed.
- No SESC permit is anticipated to be needed.
- No new temporary or permanent easements are anticipated to be needed.
- No road, drainage, or other utility related improvements will be incorporated into the design engineering.
- No construction staking is anticipated to be needed.

## FEE & SCHEDULE

The services outlined above will be performed on an hourly basis with a total Not-to-Exceed fee for the sum of all tasks in our scope of work. An estimated amount per phase of work is listed below as a summary of our fee, based on our 2023 Hourly Rate Schedule for public projects.

Phase of Work	Fee
I. Design Engineering Services	\$8,000
II. Construction Engineering Services*	<u>\$22,000</u>
	\$30,000

*\*Construction observation assumes part-time inspection for 4 weeks for pipe segment rehabilitation operations not including pre-work and closeout.*

OHM Advisors can attest that given current workload and capacity, we have adequate staff available for both the Design Engineering and Construction Engineering phases of this project. We anticipate the following schedule to perform the scope of work identified above.

### OHM Advisors®

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MIDLAND MICHIGAN 48640

T 989.956.2020 OHM-Advisors.com



## ACCEPTANCE

If this proposal is acceptable to you, please sign the authorization page of this letter below and return a copy of this signed proposal to us for our file. Thank you for giving us the opportunity to be of service to you. We look forward to another successful project with the City.

Sincerely,  
OHM Advisors

Andrew VanWormer, P.E.  
Principal

### FY23-24 Sewer Lining Project

**Orchard, Hiltz, & McCliment, Inc.**  
CONSULTANT

**City of Owosso**  
CLIENT

_____	(Signature)	_____
_____	(Name)	_____
_____	(Title)	_____
_____	(Date)	_____



# City of Owosso

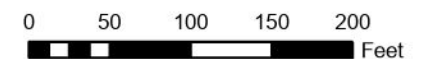
## Sanitary Sewer Mains for Lining

### Campbell Drive

Behind 804-808 Campbell Dr.



- Sanitary Sewer Mains for Lining
- Sanitary Sewer Manholes
- Other Sanitary Sewer Mains
- Other Sanitary Manholes
- City Parcels



27 July, 2023





# City of Owosso

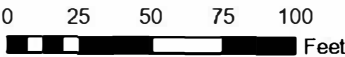
## Sanitary Sewer Mains for Lining

### E. Comstock St.

From S. Washington St to Park St.



- Sanitary Sewer Mains for Spot Liner
- Sanitary Sewer Manholes
- Other Sanitary Sewer Mains
- Other Sanitary Manholes
- City Parcels



27 July, 2023



# City of Owosso

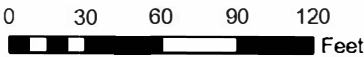
## Sanitary Sewer Mains for Lining

**S. Dewey St.**

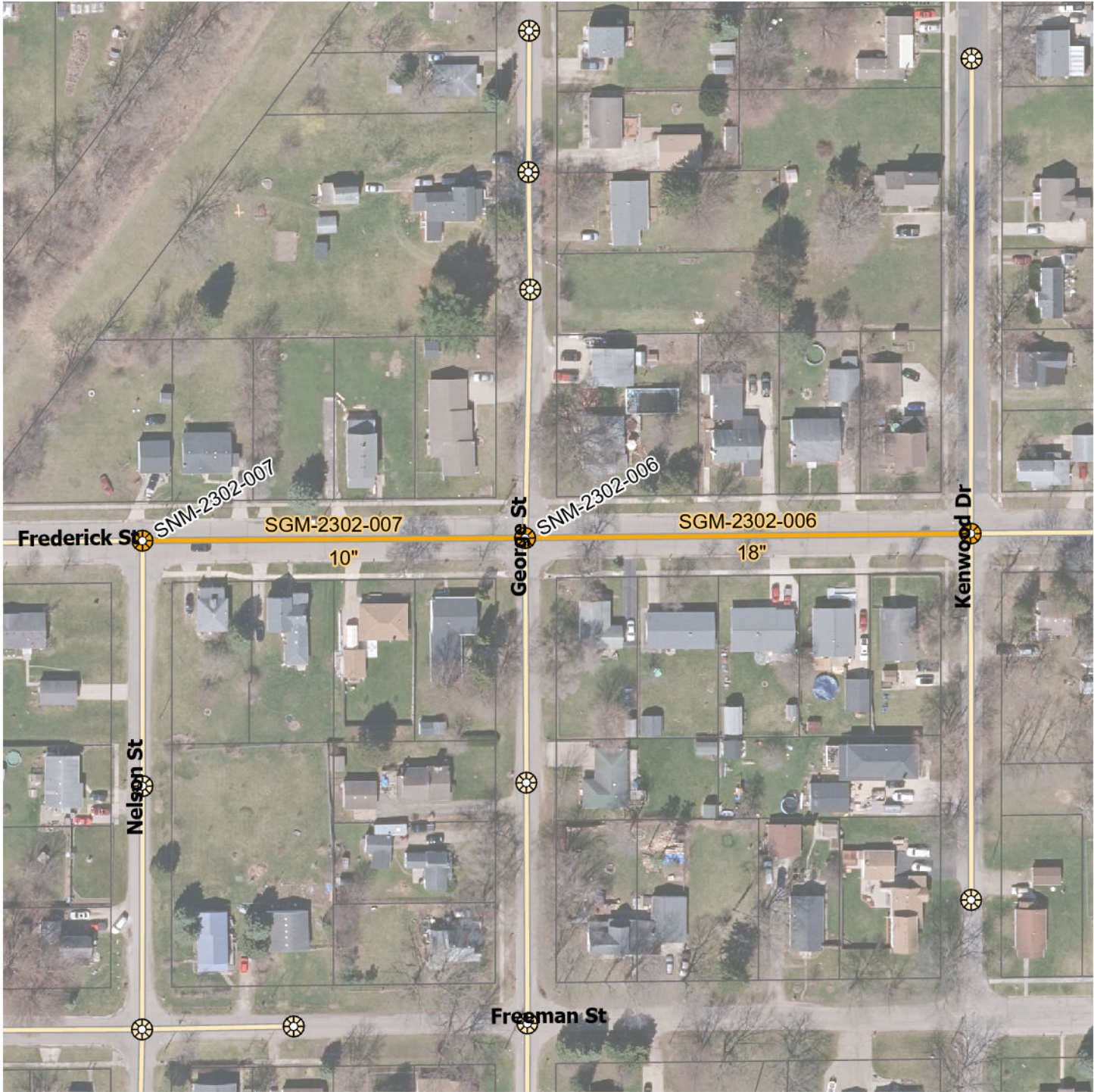
From E. Comstock St. to E. Main St



- Sanitary Sewer Mains for Spot Liner
- Sanitary Sewer Manholes
- Other Sanitary Sewer Mains
- Other Sanitary Manholes
- City Parcels







# City of Owosso

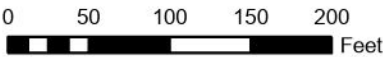
## Sanitary Sewer Mains for Lining

### Frederick St.

From Nelson St. to Kenwood Dr.



- Sanitary Sewer Mains for Lining
- Sanitary Sewer Manholes
- Other Sanitary Sewer Mains
- Other Sanitary Manholes
- City Parcels



27 July, 2023





# City of Owosso

## Sanitary Sewer Mains for Lining

### S. Saginaw St.

Between E. Ridge St. & Harper St.



- Sanitary Sewer Mains for Lining
- Sanitary Manholes
- Other Sanitary Sewer Mains
- Other Sanitary Manholes
- City Parcels



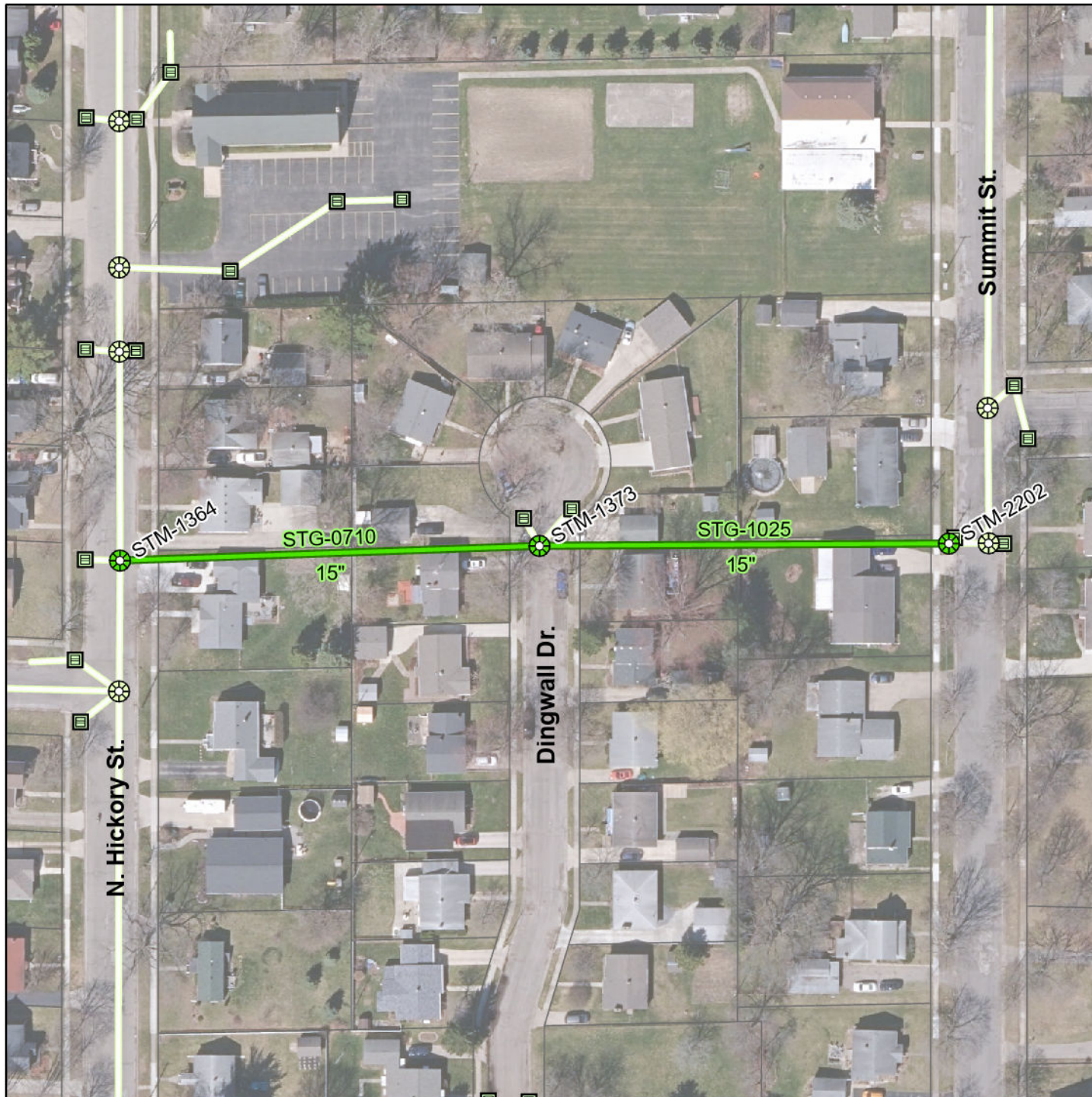
14 August, 2023



# City of Owosso

## Storm Sewer Mains for Lining

N. end of Dingwall Dr.  
W-E from Hickory St to  
Summit St



- Storm Sewer Mains for Lining
- Stormwater Manholes
- Other Storm Sewer Mains
- Other Stormwater Manholes
- Catchbasins
- City Parcels

0 40 80 120 160  
Feet

27 July, 2023



# City of Owosso

## Storm Sewer Mains for Lining

Grover St.  
From S. Dewey St. to  
Oakwood Ave.



- Storm Sewer Mains for Lining
- Stormwater Manholes
- Other Storm Sewer Mains
- Other Stormwater Manholes
- Catchbasins
- City Parcels

0 40 80 120 160  
Feet

27 July, 2023



July 10, 2023

**Michigan Municipal League Annual Meeting Notice**

**(Please present at the next Council, Commission or Board Meeting)**

Dear Official:

The Michigan Municipal League Annual Convention will be held in Traverse City, October 18-20, 2023. The League's "**Annual Meeting**" is scheduled for 4:30 pm on Wednesday, October 18 in Governors' Hall A at the Grand Traverse Resort & Spa. The meeting will be held for the following purposes:

1. **Election of Trustees.** To elect five members of the Board of Trustees for terms of four years each (see #1 on page 2).
2. **Policy.** A) **To vote on the Core Legislative Principles document.**

In regard to the proposed League Core Legislative Principles, the document is available on the League website at <https://mml.org/resources-research/delegate/>. If you would like to receive a copy of the proposed principles by fax, please call Monica Drukis at the League at 800-653-2483.

**B) If the League Board of Trustees has presented any resolutions to the membership, they also will be voted on. (See #2 on page 2.)**

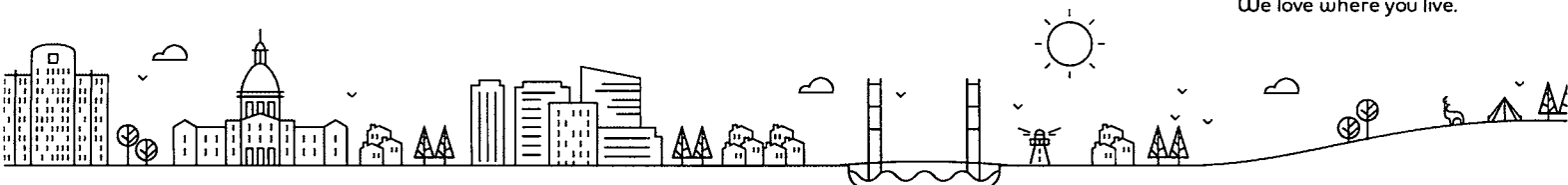
In regard to resolutions, member municipalities planning on submitting resolutions for consideration by the League Trustees are reminded that under the Bylaws, they must be submitted to the Trustees for their review by **September 18, 2023.**

3. **Other Business.** To transact such other business as may properly come before the meeting.

**Designation of Voting Delegates**

Pursuant to the provisions of the League Bylaws, you are requested to designate by action of your governing body one of your officials who will be in attendance at the Convention as your official representative to cast the vote of the municipality at the Annual Meeting, and, if possible, to designate one other official to serve as alternate. Please submit this information through the League website by visiting <https://mml.org/resources-research/delegate/> **no later than September 18, 2023.**

We love where you live.



Regarding the designation of an official representative of the member to the annual meeting, please note the following section of the League Bylaws:

"Section 4.4 - Votes of Members. Each member shall be equally privileged with all other members in its voice and vote in the election of officers and upon any proposition presented for discussion or decision at any meeting of the members. Honorary Members shall be entitled to participate in the discussion of any question, but such members shall not be entitled to vote. The vote of each member shall be cast by its official representative attending the meeting at which an election of officers or a decision on any proposition shall take place. Each member shall, by action of its governing body prior to the annual meeting or any special meeting, appoint one official of such member as its principal official representative to cast the vote of the member at such meeting, and may appoint one official as its alternate official representative to serve in the absence or inability to act of the principal representative."

#### 1. Election of Trustees

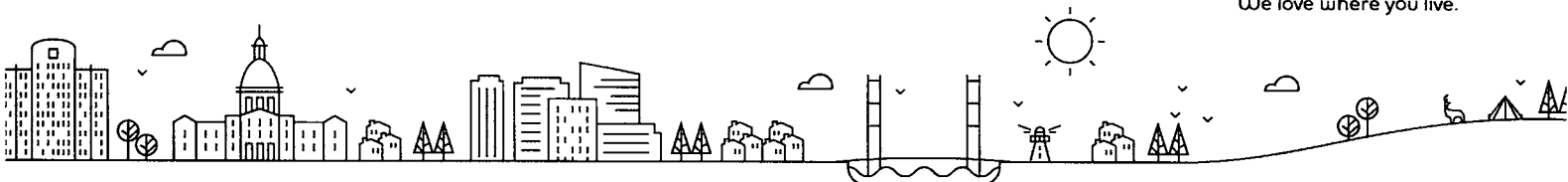
Regarding election of Trustees, under Section 5.3 of the League Bylaws, five members of the Board of Trustees will be elected at the annual meeting for a term of four years. The regulations of the Board of Trustees require the Nominations Committee to complete its recommendations and post the names of the nominees for the Board of Trustees on a board at the registration desk at least four hours before the hour of the business meeting.

#### 2. Statements of Policy and Resolutions

Regarding consideration of resolutions and statements of policy, under Section 4.5 of the League Bylaws, the Board of Trustees acts as the Resolutions Committee, and "no resolution or motion, except procedural and incidental matters having to do with business properly before the annual meeting or pertaining to the conduct of the meeting, shall be considered at the annual meeting unless it is either (1) submitted to the meeting by the Board of Trustees, or (2) submitted in writing to the Board of Trustees by resolution of the governing body of a member at least thirty (30) days preceding the date of the annual meeting." Thus, the deadline this year for the League to receive resolutions is **September 18, 2023**. Please submit resolutions to the attention of Daniel P. Gilmartin, Executive Director/CEO at 1675 Green Rd., Ann Arbor, MI 48105. **Any resolution submitted by a member municipality will go to the League Board of Trustees, serving as the resolutions committee under the Bylaws, which may present it to the membership at the Annual Meeting or refer it to the appropriate policy committee for additional action.**

Further, "Every proposed resolution submitted to the Board of Trustees by a member shall be stated in clear and concise language and shall be accompanied by a statement setting forth the reasons for recommending the proposed resolution. The Board shall consider the proposal at a Board meeting prior to the next annual meeting and, after consideration, shall make a recommendation as to the advisability of adopting each such resolution or a modification thereof.

We love where you live.



### 3. Posting of Proposed Resolutions and Core Legislative Principles

The proposed Michigan Municipal League Core Legislative Principles and any new proposed Resolutions recommended by the Board of Trustees for adoption by the membership will be available on the League website, or at the League registration desk to permit governing bodies of member communities to have an opportunity to review such proposals and delegate to their voting representative the responsibility for expressing the official point of view of the member at the Annual Meeting.

The Board of Trustees will meet on Tuesday, October 17, 2023 at the Grand Traverse Resort & Spa for the purpose of considering such other matters as may be requested by the membership, in addition to other agenda items.

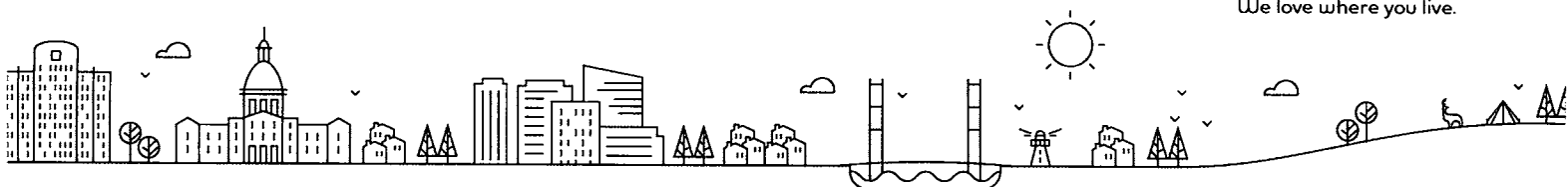
Sincerely,



Barbara Ziarko  
President  
Councilmember, City of Sterling Heights



Daniel P. Gilmartin  
Executive Director & CEO



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## MEMORANDUM

301 W MAIN ST · OWOSSO, MICHIGAN 48867-2958 · [WWW.CI.OWOSSO.MI.US](http://WWW.CI.OWOSSO.MI.US)

**DATE:** August 16, 2023  
**TO:** Mayor Teich and the Owosso City Council  
**FROM:** Jessica B. Unangst, HR Director  
**SUBJECT:** MERS Annual Business Meeting Delegates

### RECOMMENDATION:

Designate Nathan Henne as City's Officer Delegate and Amy Fuller as his alternate and confirm election of the City's Employee Delegate Michael Olsey and his alternate Lucais Allen for the 2023 MERS Annual Business Meeting.

### BACKGROUND:

Each year the Municipal Employees' Retirement System of Michigan (MERS) holds a business meeting as a part of its fall Retirement Conference. Participating municipalities send delegates to represent their interests and vote to elect MERS board members. Delegates are designated and elected to their respective positions and these selections must be confirmed by City Council.

**An Officer Delegate** must hold a department head position or above, exercise management responsibilities and report directly to the legislative and/or executive branch of government.

City Manager Nathan Henne has offered to be the City's Officer Delegate, and Assistant City Manager Amy Fuller his alternate.

**An Employee Delegate** must not be responsible for management decisions, must receive direction from management, and must not report directly to the legislative and/or executive branch of government.

Community Policing Officer Michael Olsey was elected to be the City's Employee Delegate, and Finance Specialist Lucais Allen was elected as his alternate at an election held earlier this month.





Municipal Employees' Retirement System of Michigan  
1134 Municipal Way • Lansing, MI 48917  
800.767.6377  
www.mersofmich.com

## 2023 Officer and Employee Delegate Certification Form

MERS Annual Business Meeting | September 2023

Please print clearly • Scan and attach this file when you register online • Retain a copy for your records

**IMPORTANT:** If you are not electing/appointing delegates to vote during the MERS Annual Business Meeting, please **DO NOT** submit this form. A **delegate** is **NOT** confirmed to have voting rights until this form has been uploaded with their online registration.

The voting delegate representative must be a MERS member, defined as an **active employee on payroll** who is enrolled in either a MERS Defined Benefit Plan, Defined Contribution Plan or Hybrid Plan.

### 1. Officer (and alternate) delegate information

The officer delegate (or alternate) shall be a MERS member who holds a department head position or above, exercises management responsibilities, and is directly responsible to the legislative, executive, or judicial branch of government.

Officer Delegate name

Nathan Henne

Officer Alternate name

Amy Fuller

Officer delegate and alternate listed above were appointed to serve during the 2023 MERS Annual Business Meeting by official action of the governing body (or chief judge for a participating court) on August 21, 2023.

### 2. Employee (and alternate) delegate information

The employee delegate (or alternate) shall be an employee member who is not responsible for management decisions, receives direction from management and, in general, is not directly responsible to the legislative, executive, or judicial branch of government.

Employee Delegate name

Michael Olsey

Employee Alternate name

Lucais Allen

Employee delegate and alternate listed above were elected to serve during the 2023 MERS Annual Business Meeting by secret ballot election conducted by an authorized officer on August 16, 2023.

### 3. Certification

**NOTE:** Certification should be signed by a member of the governing body or chief administrative officer, or the chief judge for a participating court. **An electronic signature is permissible.**

I certify that the officer delegate and alternate selections are true and correct, and the secret ballot election results for the employee delegate and alternate are true and correct.

Employer/municipality name\*

City of Owosso

Municipality number\*

7607

Email address

robert.teich@ci.owosso.mi.us

Employer address

301 W. Main Street

Employer city

Owosso

Employer state

MI

Employer zip code

48867

Printed name

Robert J. Teich, Jr.

Title of authorized authority\*

Mayor

Authorized signature\*

Date

\* Required field

2

ways to  
complete

1. You may complete it electronically (an electronic authorized signature is permissible), then save it and upload it when registering your delegate(s) – OR –
2. You may print it off and complete it, then scan and upload it to your computer for uploading when you register your delegate(s).



# Retirement Conference Delegate FAQs

## Delegate Selection

### **Where do the rules about delegate eligibility and selection come from?**

The rules about who can be an officer or employee delegate are found in the Municipal Employees' Retirement Act (MERA) of 1984, specifically MCL 38.1545. These rules are also found in Section 78 of the MERS Plan Document.

The act reads: "The governing body of each participating municipality shall certify the names of two delegates to the annual meeting. One delegate shall be a member who is an officer of the participating municipality, selected by the governing body of the participating municipality. The other delegate shall be a member who is not an officer of the participating municipality, elected by the member employees of the participating municipality. The election shall be by secret ballot and shall be conducted by an officer of the participating municipality. The election shall be conducted in a manner that affords each member employee an opportunity to vote."

### **Who can be designated as delegates to the MERS Annual Business Meeting?**

Municipalities and courts that participate in the MERS Defined Benefit, Defined Contribution or Hybrid plans can each name two delegates. One of these two delegates must be a participant who is an officer of the municipality/court (Officer Delegate). The other of these two delegates must be a participant who is not an officer of the municipality or court, and who was elected by the participating employees of the municipality (Employee Delegate).

### **Are any employees excluded?**

Yes. A retiree who is rehired in any capacity by the same participating municipality or court from which he or she retired is excluded from eligibility to serve as a delegate.

### **Who can be an Officer Delegate?**

An Officer Delegate must hold a department head position or above, exercise management responsibilities, and report directly to the legislative and/or executive branch of government.

### **Who can be an Employee Delegate?**

An Employee Delegate must **not** be responsible for management decisions, must receive direction from management, and must **not** report directly to the legislative and/or executive branch of government.

### **How are Officer Delegates selected?**

The governing body/chief judge of each participating municipality/court selects an Officer Delegate.



**How are Employee Delegates selected?**

An officer of the participating municipality or court conducts a secret ballot vote of participant employees so that each participant employee (whether employee or management) has the opportunity to vote for an Employee Delegate.

**What if the employer fails to hold this vote or breaks one of the rules listed above?**

The participating municipality or court will not have valid delegates eligible to vote at the MERS Annual Business Meeting.

**How does MERS learn who the delegates are?**

The municipality or court "certifies" (identifies in writing) to MERS on the enclosed MERS Delegate Form who its two delegates are for the Retirement Conference prior to the meeting. This form is uploaded at time of registration to the Retirement Conference site.

**How does MERS know who is who at the Retirement Conference?**

For an in-person conference, MERS pulls the attendee information from the Retirement Conference registration site which houses the submitted delegate form and creates name tags that identify each attendee's municipality or court and their attendance status (e.g., officer delegate/employee delegate/non-voting member/guest). For a MERS virtual conference, attendees register for online sessions via the virtual presentation tool and attendee reports are pulled from that site.

**Can a municipality or court name alternates in case the delegate cannot attend?**

A municipality or court is permitted to include an alternate for each delegate by certifying the alternate on the same MERS Delegate Form. The alternate Delegate may only serve if the primary Delegate cannot attend. The alternate employee delegate must be elected in the same way as described above. MERA (the law establishing MERS) does not require or provide for alternate delegates to be named; MERS permits this as a service to its customers.

## **Delegate Certification**

**Who from the municipality or court is able to certify the delegate form?**

The form is certified by a member of the governing body or chief administrative officer (ex: Board Chair, Mayor, Council President, City Manager, Executive Director) or the chief judge of a participating court.

**Does the municipality or court need Board or Council approval before certifying the delegate form?**

Yes, the governing body must certify the selection of delegates on the MERS Delegate Form.



## MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: August 15, 2023  
TO: City Council  
FROM: City Manager  
SUBJECT: 3-year Fire Inspection Program for Vacant Commercial Buildings and Associated Fees

### **BACKGROUND:**

At the August 7, 2023 council meeting workshop, a discussion took place regarding the possible need for a vacant commercial structure fire inspection program due to issues with vacant structures deteriorating to the point of needing demolition and/or barricading of public spaces due to potential safety hazards to the public due to a building's condition. Staff investigated possible inspection programs and is recommending utilizing the adopted International Fire Code (2015) to allow the Fire Marshal to gain access to vacant commercial buildings to ensure proper fire protection devices are in place and functioning.

During these fire inspections, the Fire Marshal may see structural issues that require the opinion of the City's Building Official – whereby the Fire Marshal could request such an opinion. The resolution presented here includes this and also establishes a required 3-year vacant building fire inspection program with 1/3 of the properties inspected annually.

The first inspection and re-inspection would be free. Subsequent required inspection fees due to noncompliance shall be set as follows:

First Non-compliance inspection	\$50
Second Non-compliance inspection	\$75
Every additional Non-compliance inspection	\$150

### **FISCAL IMPACTS:**

Unclear. There is potential for some fee collection but only if the first inspection and re-inspection – which are free – prove ineffective.

### **RECOMMENDATION:**

Approve resolution to create a 3-year vacant commercial building fire inspection program and associated fees as described.



## RESOLUTION NO.

### AUTHORIZING VACANT COMMERCIAL BUILDING FIRE INSPECTION PROGRAM AND ASSOCIATED FEES

WHEREAS, the City of Owosso previously adopted Chapter 13, Article II of the Owosso Code of Ordinances to adopt the International Fire Code, 2015 edition (the "Code") as the Fire Code of the City of Owosso, including all of the regulations, provisions, penalties, terms, and conditions provided therein to protect and safeguard the health, safety, and general welfare of the citizens of the City of Owosso; and

WHEREAS, Section 105.1.1 of the Code requires "A property owner or owner's authorized agent who intends to conduct an operation or small business, or install or modify systems and equipment that are regulated by this code, or to cause any such work to be performed, shall first make application to the fire code official and obtain the required permit"; and

WHEREAS, Sections 106.1 and 106.2 of the Code further authorize the fire code official to conduct fire inspections of "any building, structure, marine vessel, vehicle or premises for the purpose of enforcing" the Code and "as deemed necessary to determine the extent of compliance with the provisions of the Code;" and

WHEREAS, Section 113.2 of the Code authorizes the City Council to adopt a fee schedule for permit fees; and

WHEREAS, the City Council finds it is in the best interest of the citizens of the City of Owosso to establish a Vacant Commercial Building Fire Inspection Program and corresponding fee schedule for fire inspections conducted under the Code to ensure initial and continuing compliance with the Code.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

FIRST: **Policy:** The City hereby authorizes the establishment of a Vacant Commercial Building Fire Inspection Program, governed by Article II, Fire Prevention Code, of the Code of Ordinances of the City of Owosso.

SECOND: **Schedule of Fees:** The City hereby adopts the following Schedule of Fees pursuant to Section 113.2 of the Code for periodic fire inspections, and amends Section 12, Public Safety, of the City of Owosso Fee Schedule to reflect said fees:

Periodic Fire Safety Inspections include an initial inspection and one re-inspection at no charge.

Non-Compliance Inspections include any inspection after the initial inspection and first re-inspection:

First Non-compliance inspection	\$50
Second Non-compliance inspection	\$75
Every additional Non-compliance inspection	\$150

THIRD: **Validity and Severability:** The provisions of this Resolution are hereby declared to be severable and if any part is declared invalid for any reason by a court of competent jurisdiction it shall not affect the remainder of the Resolution which shall continue in full force and effect.

FOURTH: **Repeal:** All prior resolutions and parts of prior resolutions insofar as they conflict with the provisions of this Resolution are hereby rescinded.

FIFTH: **Timeline for Inspections of Vacant Commercial Properties:** All vacant commercial properties shall be inspected once every three (3) years – one-third (1/3) of which shall be inspected annually.

SIXTH: **Effective Date:** This Resolution shall take effect immediately upon adoption.



## MEMORANDUM

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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**DATE:** August 21, 2023

**TO:** Mayor Teich and Owosso City Council

**FROM:** Ryan E. Suchanek, Director of Public Services & Utilities

**SUBJECT:** Consumers Energy Demand Response Program for WWTP and WTP

Each year Consumers Energy offers their Commercial and Industrial Demand Response Program to a limited number of commercial and industrial customers. Participants enrolled in the program receive an annual financial incentive for agreeing to help reduce demand when energy use is high by switching to generator power for a specified period of time. The City has taken advantage of this offering by enrolling the WTP and the WWTP in the program. Attached are the Consumers Energy Demand Response Program contracts for both the City of Owosso's Water Treatment Plant and the Wastewater Treatment Plant.

### BACKGROUND:

Highlights of the program:

- Consumers Energy can contact us up to five (5) times during the Demand Response season (June 1 – August 31) and request we take our power requirements off the grid by using our generators.
- Each event would be a maximum of four (4) hours.
- We have determined conservatively that we will always be able to take at least:
  - 175 kW off the grid – WWTP
  - 97 kW off the grid – WTPOur incentive is based on that.
- We receive an annual payment based on the kW. We get these payments whether there are any events or not.
- We also receive payment for the specific events where we go off the grid:
  - \$40 – WWTP
  - \$22 – WTP
- There is no penalty for refusing to go off the grid if we are having generator issues during an event.
- There is no penalty for not delivering the contract capacity during an event.
- WWTP has been in this program for 3 years, and this is the first time WTP has been a part of the program. We've only been contacted one time to go to the generator for an actual event. We have an annual system test with Consumers, where we go to the generator for 30 minutes and they monitor our usage to confirm the kW specified in the agreement.

This summarizes the win-win program.

**FISCAL IMPACTS:**

The savings is in the form of a credit issued at the end of the Demand Response season (Aug 31st) every year.

WWTP Year 1	\$4,725.00
WTP Year 1	<u>\$2,619.00</u>
<b>Total for Year 1</b>	<b>\$7,344.00</b>

WWTP Year 2	\$5,250.00
WTP Year 2	<u>\$2,910.00</u>
<b>Total for Year 2</b>	<b>\$8,160.00</b>

Total Year 1	\$ 7,344.00
Total Year 2	<u>\$ 8,160.00</u>
<b>Total Savings for 2 Years</b>	<b>\$15,504.00</b>

**Document originated by:**

Ryan E. Suchanek, Director of Public Services & Utilities

Attachments: (1) Owosso WWTP Demand Response Contract  
(2) Owosso WTP Demand Response Contract





## 2024 EMERGENCY WITH GENERATOR COMMERCIAL AND INDUSTRIAL DEMAND RESPONSE CUSTOMER AGREEMENT

Customer and Consumers Energy are referred to herein collectively as the "Parties" and each individually as a "Party" to this Agreement.

Effective Date of Agreement: June 1, 2024  
(Month/Day/Year)

Company: **CONSUMERS ENERGY COMPANY**  
a Michigan Corporation

Customer: City of Owosso Waste Water Treatment Plant  
(Legal Name)

ONE ENERGY PLAZA  
JACKSON MI 49201-2357

301 W. Main St.  
(Street & Number)

Owosso, MI 48067  
(City, State & Zip Code)

1. **Initial Term:** Shall commence on June 1, 2024 and shall run through (select one):

☒ **May 31, 2025 (1 year)**  
☐ **May 31, 2026 (2 year)**

2. This Agreement will become effective on the date identified above and will extend for an Initial Term through the end date identified above. The Customer must notify Consumers Energy Company ("Consumers Energy" or the "Company") by September 1st in the final year of the Initial Term of their desire to renew participation in the Demand Response Program ("Program") through the execution of a new Program Agreement and the amount of reduction/nomination kW for the following Program Period (June 1 through August 31<sup>st</sup>). Customer participation under this Agreement shall be based on the limitations, terms and eligibility as described in the Company's Program and the Company's Electric Rate Book, as approved by the Michigan Public Service Commission.
3. **Program Description.** Participants in the Program help reduce peak demand when energy use is the high and maintain a ready supply of energy for Michigan. Participants will receive an annual Emergency Capacity Payment for the Delivered Capacity amount specified in this Agreement within sixty (60) days after August 31<sup>st</sup>, the effective date of the DR season.
4. **Administration Solutions.** Customer agrees to work with Consumers Energy to develop an appropriate energy reduction plan for Customer's business; and (ii) to provide Consumers Energy access and use of contact, billing and energy usage data, and facility information concerning each Site Address (as defined below) ("Customer Data"). Consumers Energy shall manage Customer's curtailable electrical capacity in the Program and upon notification by Consumers Energy and acceptance by Customer, provide real-time support to Customer during demand response events ("Demand Response Events"); and enable data transfer, monitoring and reporting of meter data and provide technical assistance, maintenance, repair and hosting of the Monitoring System. In addition, as necessary, Consumers Energy will coordinate with Customer to capture kilowatt-hour ("kWh") pulses from Customer's primary utility meter to provide Customer near real-time, Internet-enabled power monitoring.
5. **Monitoring System.** Consumers Energy may equip one or more of Customer facility addresses (each address is referred to as a "Site Address") as identified on the Site Address Attachment attached hereto with the Monitoring System, which includes site devices owned by Consumers Energy that can enable power metering, data collection, near real-time data communication, and Internet-based reporting and analytics. There shall be no cost to the Customer associated with the Monitoring System equipment or installation of the Monitoring System equipment.

### 6. Customer Support Requirements.

- a. **Representations and Warranties.** Customer holds all applicable licenses and/or permits pursuant to the Agreement that are required for the proper participation in the Program.
- b. **Demand Response Performance.** Customer has the intent and ability to generate and/or reduce electrical demand to achieve Contracted Capacity (as defined below) at each Site Address when notified by Consumers Energy Demand Response Events.
- c. **Acceptance Testing.** At each Site Address where the site devices are installed, Customer agrees to collaborate with Consumers Energy in a timely manner in testing, enabling and maintaining the Monitoring System.
- d. **Energy Reduction Plan.** Customer must provide to Consumers Energy their Energy Reduction Plan describing the equipment and steps that will be taken to meet their curtailment nomination.

**Program Rules.** The terms of this Agreement reflect the current Program terms and conditions, which may be amended from time to time by Consumers Energy. Amendments are mutually agreed between the parties and recorded as an amendment or eliminate "which may be amended from time to time by Consumers Energy".

7. The current terms are summarized below:

<b>Program Availability</b>	During the Program period of June 1 – August 31, emergency events could be called at any time Monday through Friday between 11 am and 7 pm in response to Midcontinent Independent System Operator, Inc. ("MISO") reliability emergencies ("Emergency Event(s)"). Customer is required to participate in any Emergency Event called by MISO.
<b>Event Frequency and Duration</b>	<b>Emergency Events</b> – Up to five (5) events during the Program Period, up to four hours each.
<b>Advanced Notification</b>	<b>Emergency Events</b> – Customer will receive at least a thirty (30) minute but no more than a six (6) hour notice in advance of an Emergency Event. Customers are advised to estimate load reduction capability over a twelve (12) hour timeframe for planning purposes.
<b>Dispatch Readiness Test</b>	After Customer's Energy Reduction Plan has been reviewed by Consumers Energy and Customer's site installation has been completed, Customer will receive an email from Consumers Energy asking Customer to select a date to participate in a thirty (30) minute Dispatch Readiness Test of Customer's Energy Reduction Plan. The Dispatch Readiness Test is optional to the Customer but recommended by Consumers Energy.
<b>Audit</b>	Consumers Energy may call one (1), one-hour audit ("Audit") per Program Period to confirm Contracted Capacity (as defined below). If called, this audit is required as the Customer's program payment will be determined by performance during the Audit event and the Customers Delivered Capacity (as defined below).
<b>Online Portal</b>	Customer may have access to an online portal "Dashboard" where Customer can monitor their performance during both an Emergency and Economic Event. Portal will be activated before the season starts on June 1.

### 8. Customer capacity.



- a. **Contracted Capacity.** For purposes of this Agreement, "Contracted Capacity" shall represent the Customer's performance obligation (in kilowatts ("kW")). The Contracted Capacity shall be based on an analysis of Customer's prior summer consumption data, their Energy Reduction Plan and pre-enrollment load reduction testing.

b. **Delivered Capacity.**

- a. For purposes of this Agreement, an event's "Delivered Capacity" shall be defined as the amount of load in kW reduced for each hour in a Demand Response Event. Delivered Capacity for each event hour is calculated as the difference between the measured energy demand and the baseline energy demand. Consumers Energy will use a MISO-approved baseline calculation method. MISO's default baseline is the Ten-Day Baseline. The Ten-Day Baseline is calculated as the average hourly demand from the previous ten (10) non-weekend non-holiday non-event days prior to the event. Customer is required to reduce the full amount specified as Contracted Capacity for the hourly average of an emergency event. Consumers Energy, at its discretion, can make an adjustment to the baseline determined by the M&V Method of plus or minus 20% based on the energy usage three hours prior to the beginning of the Emergency Event. An alternative baseline may be used, so long as it is pre-approved by MISO. If no Emergency Event is called, the Delivered Capacity will revert to the Contracted Capacity for the DR season. In a Program Period with multiple Emergency Events, the Delivered Capacity will be based on the Customers average event performance during the terms of this Agreement.

9. **Environmental.** In order for the engine to be considered an emergency stationary engine under 40 CFR Part 60 Subpart IIII, 40 CFR Part 60 Subpart JJJJ and/or 40 CFR Part 63 Subpart ZZZZ any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for up to 50 hours per calendar year, as described in the applicable regulation(s), is prohibited. If Customer does not operate the engine according to these requirements, the engine will not be considered an emergency engine and must meet all requirements for non-emergency engines in the applicable regulations.

Emergency Demand Response Events per this contract are considered non-emergency situations (not to exceed 50 hours per calendar year). Power supplied as part of a financial arrangement with Consumers Energy must meet all of the following conditions:

- a. The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
- b. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
- c. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
- d. The power is provided only to the facility itself or to support the local transmission and distribution system.
- e. The owner or operator (Customer) identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.
- f. The owner or operator (Customer) is responsible for all EPA reporting requirements. Customers who do not comply with EPA reporting may be removed from the program at Consumers Energy's discretion.

10. **Payments to Customer.**

- a. **Emergency Capacity Payments.** For a single year contract, the capacity payment price is \$25/kW. For a two (2) year contract, year one (1) the capacity payment price is \$27/kW and the year two (2) capacity price is \$30/kW. Delivered Capacity capped at 250% per Program Period as defined in section 8(b). Consumers Energy will pay Customer the Capacity Rate multiplied by the Delivered Capacity.
- b. **Emergency Event Energy Payments.** In Program Periods when one or more Emergency Events are called, Consumers Energy will pay Customer an energy payment of \$50/MWh multiplied by the event's Delivered Capacity multiplied by the hours for each such event as defined in section 8(b) above.
- c. **During Non-Program Periods.** Consumers Energy may call one or more Emergency Events. The customer is under no obligation to participate. If they choose to participate, they will be paid \$1000/MWh multiplied by the event's average Delivered Capacity delivered during the event. Delivered Capacity is capped at customers contracted nomination.

11. **Payment Timing.** After an Emergency Event and Customer's Delivered Capacity has been verified, Consumers Energy shall make Emergency Event Energy Payments for Customer's participation by the issuance of credits to the Customer's bill. The Emergency Capacity Payment will be made within sixty (60) days after August 31<sup>st</sup>, the effective end date of the DR season.

12. **Cancellation.** Customer or Consumers Energy may cancel this Agreement or request to amend nomination(s) for the next Program Period between October 1 – December 31, prior to the start of the next Program Period. Requests to amend nomination(s) shall be granted at the Company's discretion and shall only apply to the next Program Period. Cancellation requests must be submitted in writing to: [ConsumersEnergy.DemandResponseProgram@cmsenergy.com](mailto:ConsumersEnergy.DemandResponseProgram@cmsenergy.com). The customer will be notified by Consumers Energy if they cancel or are removed from the program.

13. **Confidentiality.**

- a. **Nondisclosure to Third Parties.** In performing under the Agreement, each Party to this Agreement will be exposed to certain Confidential Information (as hereinafter defined) of the other Party. Each Party on its own behalf and on behalf of its employees, contractors and agents (collectively, "Representatives") agrees not to, except as required by applicable law or regulation, use or disclose such Confidential Information without the prior written consent of the other Party, either during or after the Term. To protect Confidential Information, each Party agrees to: (i) limit dissemination of Confidential Information to only those Representatives having a "need to know"; (ii) advise each Representative who receives Confidential Information of the confidential nature of such information; and (iii) have appropriate agreements, policies and/or procedures in place with such Representatives sufficient to enable compliance with the confidentiality obligations contained herein. The term "Confidential Information" means all information which is disclosed, either orally or in written form, by either Party or its Representatives and shall be deemed to include: (w) any notes, analyses, compilations, studies, interpretations, memoranda or other documents prepared by either Party or its Representatives which contain, reflect or are based upon, in whole or in part, any Confidential Information furnished to a receiving Party or its Representatives pursuant hereto; (x) any information concerning the business relationship between the Parties; and (y) Customer Data.
- b. **Exclusions from Confidential Information.** Notwithstanding the obligations in Section 13(a) above, Confidential Information does not include any information that:
- i. is or becomes generally known to the public without breach of any obligation owed to the disclosing Party;
- ii. was known to the receiving Party prior to its disclosure by the disclosing Party without breach of any obligation owed to the disclosing Party;



iii. is received from a third party without the receiving party having any knowledge of any breach by such third party of any obligation owed to the disclosing Party; or

iv. was independently developed by the receiving Party without reference to or reliance upon the disclosing Party's Confidential Information.

**14. Limitation of Liability.** Consumers Energy's and its contractors' and subcontractors' liability hereunder is limited to direct actual damages as the sole and exclusive remedy, and total damages under the Agreement shall not exceed \$100,000 or the total amounts paid by Consumers Energy under the Agreement, whichever is less. In no event shall either Party, its parent, officers, directors, partners, shareholders, employees or affiliates, or any contractor or subcontractor or its employees or affiliates, be liable to the other Party for special, indirect, exemplary, punitive, incidental or consequential damages of any nature whatsoever connected with or resulting from performance or non-performance of obligations under the Agreement, including without limitation, damages or claims in the nature of lost revenue, income or profits, loss of use, or cost of capital, irrespective of whether such damages are reasonably foreseeable and irrespective of whether such claims are based upon negligence, strict liability contract, operation of law or otherwise.

**15. Additional Terms.**

a. Customer also agrees, with respect to Consumers Energy's management of the Monitoring System, it:

- i. receives a limited, revocable, non-transferable and non-exclusive right to use and access during the Term the Monitoring System and shall use the Monitoring System solely for its internal use subject to the terms of the Agreement and not for the benefit of any third party. Except as expressly permitted in the Agreement, Customer agrees that it shall not receive any right, title or interest in, or any license or right to use or access, the Monitoring System or any patent, copyright, trade secret, trademark or other intellectual property rights therein by implication or otherwise;
- ii. shall use the Monitoring System in accordance with all applicable law;
- iii. shall not and shall prohibit causing or permitting, the copying, reverse engineering, disassembly, decompilation or attempting to derive the source code of the Monitoring System, or other intellectual property of Consumers Energy or creation of any derivative work thereon;
- iv. expressly disclaims any passing of title to the Monitoring System, any trade names, trade dress, trademarks, service marks, commercial symbols, copyrightable material, designs, logos and/or any other intellectual property of Customer;
- v. shall not delete, alter, cover, or distort any copyright or other proprietary notices or trademarks from the Monitoring System and to use reasonable care to prevent the Monitoring System and Consumers Energy's intellectual property rights contained in the software from damage and unauthorized use.

b. **Miscellaneous.** Customer may not assign any of its rights or delegate any of its performance obligations hereunder without the prior written consent of Consumers Energy. The Agreement, including all attachments, constitutes the entire agreement between Customer and Consumers Energy and may only be amended in writing signed by each of the Parties. If any of its provisions shall be held invalid or unenforceable, this Agreement shall be construed as if not containing those provisions and the rights and obligations of the Parties hereto shall be construed and enforced accordingly. This Agreement shall be binding upon the Parties together with their successors and permitted assigns. Each Party shall be responsible for its Representatives' compliance with the Agreement. Customer shall promptly notify Consumers Energy in writing of any changes occurring during the Term to the Customer address(es) set forth in this Agreement.

c. **Force Majeure.** The Parties to this Agreement shall be excused from any failure or delay in the performance of their obligations if such obligations are prevented from being fulfilled due to Force

Majeure. A Party unable to fulfill any obligation hereunder (other than an obligation to pay money when due) by reason of Force Majeure, shall give notice and the full particulars of such Force Majeure to the other Party in writing or by telephone as soon as reasonably possible after the occurrence of the cause relied upon. Telephone notices given pursuant to this article shall be confirmed in writing as soon as reasonably possible and shall specifically state full particulars of the Force Majeure, the time and date when the Force Majeure occurred and when the Force Majeure is reasonably expected to cease. The Party affected shall exercise due diligence to remove such disability with reasonable dispatch, but shall not be required to accede or agree to any provision not satisfactory to it in order to settle and terminate a strike or other labor disturbance. A "Force Majeure" shall include any act, event, or occurrence beyond the Party's reasonable control, which the Party, despite its best efforts, is unable to prevent, avoid, overcome, delay or mitigate, including but not limited to: floods, epidemics, earthquakes, quarantine, blockade, war, insurrection or civil strife or terrorism, provided, however, that Force Majeure shall in no event include (i) failure of Subcontractors or Suppliers to deliver services, materials or components or receipt from any Subcontractor or Supplier of defective services, material or components unless same were themselves caused by a Force Majeure Event; (ii) technological impossibility; (iii) a governmental act or failure to act, or order or injunction, caused by any act or failure to act of the Seller or any Subcontractor or Supplier; (iv) strikes or work stoppages; or (v) inclement weather.

d. **Warranty Limitations.** THE MONITORING SYSTEM (AND ANY SOFTWARE, HARDWARE, OR OTHER COMPONENT THEREOF) AND ALL SERVICES HEREUNDER ARE PROVIDED AS IS BY CONSUMERS ENERGY WITHOUT ANY WARRANTY OF ANY KIND. ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED TO THE FULLEST EXTENT PERMISSIBLE UNDER APPLICABLE LAW.

e. **Governing Law; Actions; Etc.:** This Agreement shall be deemed a Michigan contract and shall be governed by and interpreted in accordance with the laws of the State of Michigan; excluding any conflicts of laws principles that would result in this Agreement being interpreted in accordance with any different law. Venue for any lawsuit arising out of or in connection with this Agreement shall be exclusively in the courts of the State of Michigan or a Federal court sitting in the State of Michigan. Any legal action against Consumers Energy relating to this Agreement or the breach thereof shall be commenced within one year from the date on which the claimed breach, default or other cause of action arose (and, without limiting the foregoing, in all events not later than one year after the date of completion or other cessation of performance of the work hereunder). This Agreement is intended for the benefit of the parties herein only and does not grant any rights to any third parties unless otherwise specifically stated herein. If Customer defaults in the timely performance of any of its obligations hereunder, then Consumers Energy may, at its option, and in addition to any and all other rights or remedies it may have hereunder or at law or equity, terminate this Contract by written notice to Customer.

**IN WITNESS WHEREOF, and intending to be legally bound, the Parties have duly executed this Agreement by their authorized representatives as of the Effective Date.**

CONSUMERS ENERGY COMPANY

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print or Type Name)

\_\_\_\_\_  
(Date)

CITY OF OWASSO  
(Customer)

By: Ryan E. Suchanek  
(Signature)

RYAN E. SUCHANEK  
(Print or Type Name)

7/20/23  
(Date)

**ATTACHMENT A -  
CUSTOMER BASELINE CALCULATIONS AND PERFORMANCE OBLIGATIONS**

"Original Baseline Demand" calculation methodology – for interruptions called on normal business days, calculate an average hourly demand profile based on the demands created during the ten (10) non-interruption business days immediately preceding an interruption notification, excluding Saturday, Sunday and holidays as recognized in the Company's Electric Rate Book ("Normal Baseline Demand").

"Day of Adjustment" calculation methodology - starts at the point of the interruption event and counts back four (4) hours. (For purposes of clarification – for the "Day of Adjustment" calculation **only** the baseline **is** calculated beginning from the start of the interruption event and moving backwards by four (4) hours). The "Original Baseline Demand" will be ADJUSTED up/down on the day of an event by the ratio of (a) the sum of hourly demands for the three (3) hours beginning four (4) hours prior to the interruption event and (b) the sum of those same three hours unadjusted consumption baseline demands. The resultant change to the Original Baseline Demand is limited to +/- 20% of the Original Baseline Demand and is referred to as the "Adjusted Baseline Demand".

Demand Response Enactment Event examples:

\*Prior 10 business day/24-hour baseline = 100 kW with a 20 kW Nomination amount (Use this information for all scenarios).

Scenario #1

4 hours prior "Day of Adjustment" = 70 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 70 kW average demand during the 3 hour "Day of Adjustment" period represents a 30% decrease from the Original Baseline Demand, so the Original Baseline Demand will be reduced by only 20%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 80 kW.

To FULLY comply during this event - Load reduction = 80 kW – 20 kW (Nomination) = Customer would need to reduce load to 60 kW to comply at 100%.

Scenario #2

4-hour prior "Day of Adjustment" = 110 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 110 kW average demand during the 3 hour "Day of Adjustment" period represents a 10% increase from the Original Baseline Demand, so the Original Baseline Demand will be increased by 10%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 110 kW.

To FULLY comply during this event - Load reduction = 110 kW – 20 kW (Nomination) = Customer would need to reduce load to 90 kW to comply at 100%.

Scenario #3

4-hour prior "Day of Adjustment" = 95 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 95 kW average demand during the 3 hour "Day of Adjustment" period represents a 5% decrease from the Original Baseline Demand, so the Original Baseline Demand will be decreased by 5%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 95 kW.

To FULLY comply during this event - Load reduction = 95 kW – 20 kW (Nomination) = Customer would need to reduce load to 75 kW to comply at 100%.

Scenario #4

4-hour prior "Day of Adjustment" = 125 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 125 kW average demand during the 3 hour "Day of Adjustment" period represents a 25% increase from the Original Baseline Demand, so the Original Baseline Demand will be increased by only 20%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 120 kW.

To FULLY comply during this event - Load reduction = 120 kW – 20 kW (Nomination) = Customer would need to reduce load to 100 kW to comply at 100%.



[illegible]

**Consumers Energy**  
Count on Us®

	Equipment	Shutdown Procedure	Load Reduction (kW)
Generator		Switch to generation	175









## 2024 EMERGENCY WITH GENERATOR COMMERCIAL AND INDUSTRIAL DEMAND RESPONSE CUSTOMER AGREEMENT

Customer and Consumers Energy are referred to herein collectively as the "Parties" and each individually as a "Party" to this Agreement.

Effective Date of Agreement: June 1, 2024  
(Month/Day/Year)

Company:  
**CONSUMERS ENERGY COMPANY**  
a Michigan Corporation

Customer:  
City of Owosso  
(Legal Name)

ONE ENERGY PLAZA  
JACKSON MI 49201-2357

301 W. Main St.  
(Street & Number)

Owosso, MI 48867  
(City, State & Zip Code)

1. **Initial Term:** Shall commence on June 1, 2024 and shall run through (select one):

☒ **May 31, 2025 (1 year)**  
☐ **May 31, 2026 (2 year)**

2. This Agreement will become effective on the date identified above and will extend for an Initial Term through the end date identified above. The Customer must notify Consumers Energy Company ("Consumers Energy" or the "Company") by September 1st in the final year of the Initial Term of their desire to renew participation in the Demand Response Program ("Program") through the execution of a new Program Agreement and the amount of reduction/nomination kW for the following Program Period (June 1 through August 31<sup>st</sup>). Customer participation under this Agreement shall be based on the limitations, terms and eligibility as described in the Company's Program and the Company's Electric Rate Book, as approved by the Michigan Public Service Commission.

3. **Program Description.** Participants in the Program help reduce peak demand when energy use is the high and maintain a ready supply of energy for Michigan. Participants will receive an annual Emergency Capacity Payment for the Delivered Capacity amount specified in this Agreement within sixty (60) days after August 31<sup>st</sup>, the effective date of the DR season.

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- Acceptance Testing.** At each Site Address where the site devices are installed, Customer agrees to collaborate with Consumers Energy in a timely manner in testing, enabling and maintaining the Monitoring System.
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**Program Rules.** The terms of this Agreement reflect the current Program terms and conditions, which may be amended from time to time by Consumers Energy. Amendments are mutually agreed between the parties and recorded as an amendment or eliminate "which may be amended from time to time by Consumers Energy".

7. The current terms are summarized below:

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<b>Advanced Notification</b>	<b>Emergency Events</b> – Customer will receive at least a thirty (30) minute but no more than a six (6) hour notice in advance of an Emergency Event. Customers are advised to estimate load reduction capability over a twelve (12) hour timeframe for planning purposes.
<b>Dispatch Readiness Test</b>	After Customer's Energy Reduction Plan has been reviewed by Consumers Energy and Customer's site installation has been completed, Customer will receive an email from Consumers Energy asking Customer to select a date to participate in a thirty (30) minute Dispatch Readiness Test of Customer's Energy Reduction Plan. The Dispatch Readiness Test is optional to the Customer but recommended by Consumers Energy.
<b>Audit</b>	Consumers Energy may call one (1), one-hour audit ("Audit") per Program Period to confirm Contracted Capacity (as defined below). If called, this audit is required as the Customer's program payment will be determined by performance during the Audit event and the Customers Delivered Capacity (as defined below).
<b>Online Portal</b>	Customer may have access to an online portal "Dashboard" where Customer can monitor their performance during both an Emergency and Economic Event. Portal will be activated before the season starts on June 1.

### 8. Customer capacity.



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b. **Delivered Capacity.**

a. For purposes of this Agreement, an event's "Delivered Capacity" shall be defined as the amount of load in kW reduced for each hour in a Demand Response Event. Delivered Capacity for each event hour is calculated as the difference between the measured energy demand and the baseline energy demand. Consumers Energy will use a MISO-approved baseline calculation method. MISO's default baseline is the Ten-Day Baseline. The Ten-Day Baseline is calculated as the average hourly demand from the previous ten (10) non-weekend non-holiday non-event days prior to the event. Customer is required to reduce the full amount specified as Contracted Capacity for the hourly average of an emergency event. Consumers Energy, at its discretion, can make an adjustment to the baseline determined by the M&V Method of plus or minus 20% based on the energy usage three hours prior to the beginning of the Emergency Event. An alternative baseline may be used, so long as it is pre-approved by MISO. If no Emergency Event is called, the Delivered Capacity will revert to the Contracted Capacity for the DR season. In a Program Period with multiple Emergency Events, the Delivered Capacity will be based on the Customers average event performance during the terms of this Agreement.

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- c. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
- d. The power is provided only to the facility itself or to support the local transmission and distribution system.
- e. The owner or operator (Customer) identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.
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10. **Payments to Customer.**

a. **Emergency Capacity Payments.** For a single year contract, the capacity payment price is \$25/kW. For a two (2) year contract, year one (1) the capacity payment price is \$27/kW and the year two (2) capacity price is \$30/kW. Delivered Capacity capped at 250% per Program Period as defined in section 8(b). Consumers Energy will pay Customer the Capacity Rate multiplied by the Delivered Capacity.

b. **Emergency Event Energy Payments.** In Program Periods when one or more Emergency Events are called, Consumers Energy will pay Customer an energy payment of \$50/MWh multiplied by the event's Delivered Capacity multiplied by the hours for each such event as defined in section 8(b) above.

c. **During Non-Program Periods.** Consumers Energy may call one or more Emergency Events. The customer is under no obligation to participate. If they choose to participate, they will be paid \$1000/MWh multiplied by the event's average Delivered Capacity delivered during the event. Delivered Capacity is capped at customers contracted nomination.

11. **Payment Timing.** After an Emergency Event and Customer's Delivered Capacity has been verified, Consumers Energy shall make Emergency Event Energy Payments for Customer's participation by the issuance of credits to the Customer's bill. The Emergency Capacity Payment will be made within sixty (60) days after August 31<sup>st</sup>, the effective end date of the DR season.

12. **Cancellation.** Customer or Consumers Energy may cancel this Agreement or request to amend nomination(s) for the next Program Period between October 1 – December 31, prior to the start of the next Program Period. Requests to amend nomination(s) shall be granted at the Company's discretion and shall only apply to the next Program Period. Cancellation requests must be submitted in writing to: [ConsumersEnergy.DemandResponseProgram@cmsenergy.com](mailto:ConsumersEnergy.DemandResponseProgram@cmsenergy.com). The customer will be notified by Consumers Energy if they cancel or are removed from the program.

13. **Confidentiality.**

a. **Nondisclosure to Third Parties.** In performing under the Agreement, each Party to this Agreement will be exposed to certain Confidential Information (as hereinafter defined) of the other Party. Each Party on its own behalf and on behalf of its employees, contractors and agents (collectively, "Representatives") agrees not to, except as required by applicable law or regulation, use or disclose such Confidential Information without the prior written consent of the other Party, either during or after the Term. To protect Confidential Information, each Party agrees to: (i) limit dissemination of Confidential Information to only those Representatives having a "need to know"; (ii) advise each Representative who receives Confidential Information of the confidential nature of such information; and (iii) have appropriate agreements, policies and/or procedures in place with such Representatives sufficient to enable compliance with the confidentiality obligations contained herein. The term "Confidential Information" means all information which is disclosed, either orally or in written form, by either Party or its Representatives and shall be deemed to include: (w) any notes, analyses, compilations, studies, interpretations, memoranda or other documents prepared by either Party or its Representatives which contain, reflect or are based upon, in whole or in part, any Confidential Information furnished to a receiving Party or its Representatives pursuant hereto; (x) any information concerning the business relationship between the Parties; and (y) Customer Data.

b. **Exclusions from Confidential Information.** Notwithstanding the obligations in Section 13(a) above, Confidential Information does not include any information that:

- i. is or becomes generally known to the public without breach of any obligation owed to the disclosing Party;
- ii. was known to the receiving Party prior to its disclosure by the disclosing Party without breach of any obligation owed to the disclosing Party;



- iii. is received from a third party without the receiving party having any knowledge of any breach by such third party of any obligation owed to the disclosing Party; or
- iv. was independently developed by the receiving Party without reference to or reliance upon the disclosing Party's Confidential Information.

**14. Limitation of Liability.** Consumers Energy's and its contractors' and subcontractors' liability hereunder is limited to direct actual damages as the sole and exclusive remedy, and total damages under the Agreement shall not exceed \$100,000 or the total amounts paid by Consumers Energy under the Agreement, whichever is less. In no event shall either Party, its parent, officers, directors, partners, shareholders, employees or affiliates, or any contractor or subcontractor or its employees or affiliates, be liable to the other Party for special, indirect, exemplary, punitive, incidental or consequential damages of any nature whatsoever connected with or resulting from performance or non-performance of obligations under the Agreement, including without limitation, damages or claims in the nature of lost revenue, income or profits, loss of use, or cost of capital, irrespective of whether such damages are reasonably foreseeable and irrespective of whether such claims are based upon negligence, strict liability contract, operation of law or otherwise.

**15. Additional Terms.**

a. Customer also agrees, with respect to Consumers Energy's management of the Monitoring System, it:

- i. receives a limited, revocable, non-transferrable and non-exclusive right to use and access during the Term the Monitoring System and shall use the Monitoring System solely for its internal use subject to the terms of the Agreement and not for the benefit of any third party. Except as expressly permitted in the Agreement, Customer agrees that it shall not receive any right, title or interest in, or any license or right to use or access, the Monitoring System or any patent, copyright, trade secret, trademark or other intellectual property rights therein by implication or otherwise;
- ii. shall use the Monitoring System in accordance with all applicable law;
- iii. shall not and shall prohibit causing or permitting, the copying, reverse engineering, disassembly, decompilation or attempting to derive the source code of the Monitoring System, or other intellectual property of Consumers Energy or creation of any derivative work thereof;
- iv. expressly disclaims any passing of title to the Monitoring System, any trade names, trade dress, trademarks, service marks, commercial symbols, copyrightable material, designs, logos and/or any other intellectual property of Customer;
- v. shall not delete, alter, cover, or distort any copyright or other proprietary notices or trademarks from the Monitoring System and to use reasonable care to prevent the Monitoring System and Consumers Energy's intellectual property rights contained in the software from damage and unauthorized use.

b. **Miscellaneous.** Customer may not assign any of its rights or delegate any of its performance obligations hereunder without the prior written consent of Consumers Energy. The Agreement, including all attachments, constitutes the entire agreement between Customer and Consumers Energy and may only be amended in writing signed by each of the Parties. If any of its provisions shall be held invalid or unenforceable, this Agreement shall be construed as if not containing those provisions and the rights and obligations of the Parties hereto shall be construed and enforced accordingly. This Agreement shall be binding upon the Parties together with their successors and permitted assigns. Each Party shall be responsible for its Representatives' compliance with the Agreement. Customer shall promptly notify Consumers Energy in writing of any changes occurring during the Term to the Customer address(es) set forth in this Agreement.

c. **Force Majeure.** The Parties to this Agreement shall be excused from any failure or delay in the performance of their obligations if such obligations are prevented from being fulfilled due to Force

Majeure. A Party unable to fulfill any obligation hereunder (other than an obligation to pay money when due) by reason of Force Majeure, shall give notice and the full particulars of such Force Majeure to the other Party in writing or by telephone as soon as reasonably possible after the occurrence of the cause relied upon. Telephone notices given pursuant to this article shall be confirmed in writing as soon as reasonably possible and shall specifically state full particulars of the Force Majeure, the time and date when the Force Majeure occurred and when the Force Majeure is reasonably expected to cease. The Party affected shall exercise due diligence to remove such disability with reasonable dispatch, but shall not be required to accede or agree to any provision not satisfactory to it in order to settle and terminate a strike or other labor disturbance. A "Force Majeure" shall include any act, event, or occurrence beyond the Party's reasonable control, which the Party, despite its best efforts, is unable to prevent, avoid, overcome, delay or mitigate, including but not limited to: floods, epidemics, earthquakes, quarantine, blockade, war, insurrection or civil strife or terrorism, provided, however, that Force Majeure shall in no event include (i) failure of Subcontractors or Suppliers to deliver services, materials or components or receipt from any Subcontractor or Supplier of defective services, material or components unless same were themselves caused by a Force Majeure Event; (ii) technological impossibility; (iii) a governmental act or failure to act, or order or injunction, caused by any act or failure to act of the Seller or any Subcontractor or Supplier; (iv) strikes or work stoppages; or (v) inclement weather.

d. **Warranty Limitations.** THE MONITORING SYSTEM (AND ANY SOFTWARE, HARDWARE, OR OTHER COMPONENT THEREOF) AND ALL SERVICES HEREUNDER ARE PROVIDED AS IS BY CONSUMERS ENERGY WITHOUT ANY WARRANTY OF ANY KIND, ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED TO THE FULLEST EXTENT PERMISSIBLE UNDER APPLICABLE LAW.

e. **Governing Law; Actions; Etc.:** This Agreement shall be deemed a Michigan contract and shall be governed by and interpreted in accordance with the laws of the State of Michigan; excluding any conflicts of laws principles that would result in this Agreement being interpreted in accordance with any different law. Venue for any lawsuit arising out of or in connection with this Agreement shall be exclusively in the courts of the State of Michigan or a Federal court sitting in the State of Michigan. Any legal action against Consumers Energy relating to this Agreement or the breach thereof shall be commenced within one year from the date on which the claimed breach, default or other cause of action arose (and, without limiting the foregoing, in all events not later than one year after the date of completion or other cessation of performance of the work hereunder). This Agreement is intended for the benefit of the parties herein only and does not grant any rights to any third parties unless otherwise specifically stated herein. If Customer defaults in the timely performance of any of its obligations hereunder, then Consumers Energy may, at its option, and in addition to any and all other rights or remedies it may have hereunder or at law or equity, terminate this Contract by written notice to Customer.

**IN WITNESS WHEREOF, and intending to be legally bound, the Parties have duly executed this Agreement by their authorized representatives as of the Effective Date.**

CONSUMERS ENERGY COMPANY

By: \_\_\_\_\_  
(Signature)  
\_\_\_\_\_  
(Print or Type Name)  
\_\_\_\_\_  
(Date)

City of Owosso WTP 1111 Allendale Ave  
(Customer)  
By: David H. Haut  
(Signature)  
DAVID H. HAUT  
(Print or Type Name)  
8/4/2023  
(Date)



**ATTACHMENT A -  
CUSTOMER BASELINE CALCULATIONS AND PERFORMANCE OBLIGATIONS**

"Original Baseline Demand" calculation methodology – for interruptions called on normal business days, calculate an average hourly demand profile based on the demands created during the ten (10) non-interruption business days immediately preceding an interruption notification, excluding Saturday, Sunday and holidays as recognized in the Company's Electric Rate Book ("Normal Baseline Demand").

"Day of Adjustment" calculation methodology - starts at the point of the interruption event and counts back four (4) hours. (For purposes of clarification – for the "Day of Adjustment" calculation **only** the baseline **is** calculated beginning from the start of the interruption event and moving backwards by four (4) hours). The "Original Baseline Demand" will be ADJUSTED up/down on the day of an event by the ratio of (a) the sum of hourly demands for the three (3) hours beginning four (4) hours prior to the interruption event and (b) the sum of those same three hours unadjusted consumption baseline demands. The resultant change to the Original Baseline Demand is limited to +/- 20% of the Original Baseline Demand and is referred to as the "Adjusted Baseline Demand".

Demand Response Enactment Event examples:

\*Prior 10 business day/24-hour baseline = 100 kW with a 20 kW Nomination amount (Use this information for all scenarios).

Scenario #1

4 hours prior "Day of Adjustment" = 70 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 70 kW average demand during the 3 hour "Day of Adjustment" period represents a 30% decrease from the Original Baseline Demand, so the Original Baseline Demand will be reduced by only 20%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 80 kW.

To FULLY comply during this event - Load reduction = 80 kW – 20 kW (Nomination) = Customer would need to reduce load to 60 kW to comply at 100%.

Scenario #2

4-hour prior "Day of Adjustment" = 110 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 110 kW average demand during the 3 hour "Day of Adjustment" period represents a 10% increase from the Original Baseline Demand, so the Original Baseline Demand will be increased by 10%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 110 kW.

To FULLY comply during this event - Load reduction = 110 kW – 20 kW (Nomination) = Customer would need to reduce load to 90 kW to comply at 100%.

Scenario #3

4-hour prior "Day of Adjustment" = 95 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 95 kW average demand during the 3 hour "Day of Adjustment" period represents a 5% decrease from the Original Baseline Demand, so the Original Baseline Demand will be decreased by 5%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 95 kW.

To FULLY comply during this event - Load reduction = 95 kW – 20 kW (Nomination) = Customer would need to reduce load to 75 kW to comply at 100%.

Scenario #4

4-hour prior "Day of Adjustment" = 125 kW average demand for the 3 hours.

What is the Adjusted Baseline Demand to reduce power against = (The 125 kW average demand during the 3 hour "Day of Adjustment" period represents a 25% increase from the Original Baseline Demand, so the Original Baseline Demand will be increased by only 20%, as per the "Baseline" calculation methodology). Adjusted Baseline Demand = 120 kW.

To FULLY comply during this event - Load reduction = 120 kW – 20 kW (Nomination) = Customer would need to reduce load to 100 kW to comply at 100%.

[illegible]

**Consumers Energy**  
Count on Us

**DR Event Procedure:** Consumers Energy will notify you that a DR event has been dispatched. Confirm phone, e-mail, and/or text notifications sent by Consumers Energy. Manually shut down the following equipment by the time the DR event begins. If applicable, turn on generator and transfer specified building load to the generator.

Equipment	Shutdown Procedure	Load Reduction (kW)
Generator	Switch full load to generation	97kw









<b>From:</b>	<b>Building Department</b>
<b>To:</b>	<b>Owosso City Council</b>
<b>Report Month:</b>	<b>JULY 2023</b>

<b>Category</b>	<b>Estimated Cost</b>	<b>Permit Fee</b>	<b>Number of Permits</b>
ACCESSORY STRUCTURES	\$0	\$0	2
DECK	\$9,700	\$480	4
Electrical	\$0	\$3,465	17
FENCE PERMIT	\$0	\$340	5
FOUNDATION - RESIDENTIAL	\$66,393	\$1,960	4
Mechanical	\$0	\$1,765	10
NEW BUSINESS	\$0	\$0	1
NON-RES. ADD/ALTER/REPAIR	\$100,000	\$1,624	2
Plumbing	\$0	\$1,095	6
RES. ADD/ALTER/REPAIR	\$50,000	\$735	1
RES. SINGLE FAMILY NEW BUILD	\$450,000	\$3,155	1
ROOF	\$173,431	\$3,455	16
ROW-ENG	\$0	\$60	2
ROW-UTILITY	\$0	\$380	8
SIDING	\$21,000	\$270	3
SIGN PERMIT	\$0	\$317	4
SOLAR PANELS	\$33,000	\$500	1
WINDOWS	\$11,409	\$90	1
<b>Totals</b>	<b>\$914,933</b>	<b>\$19,691</b>	<b>88</b>

<b>2022 COMPARISON TOTALS</b>
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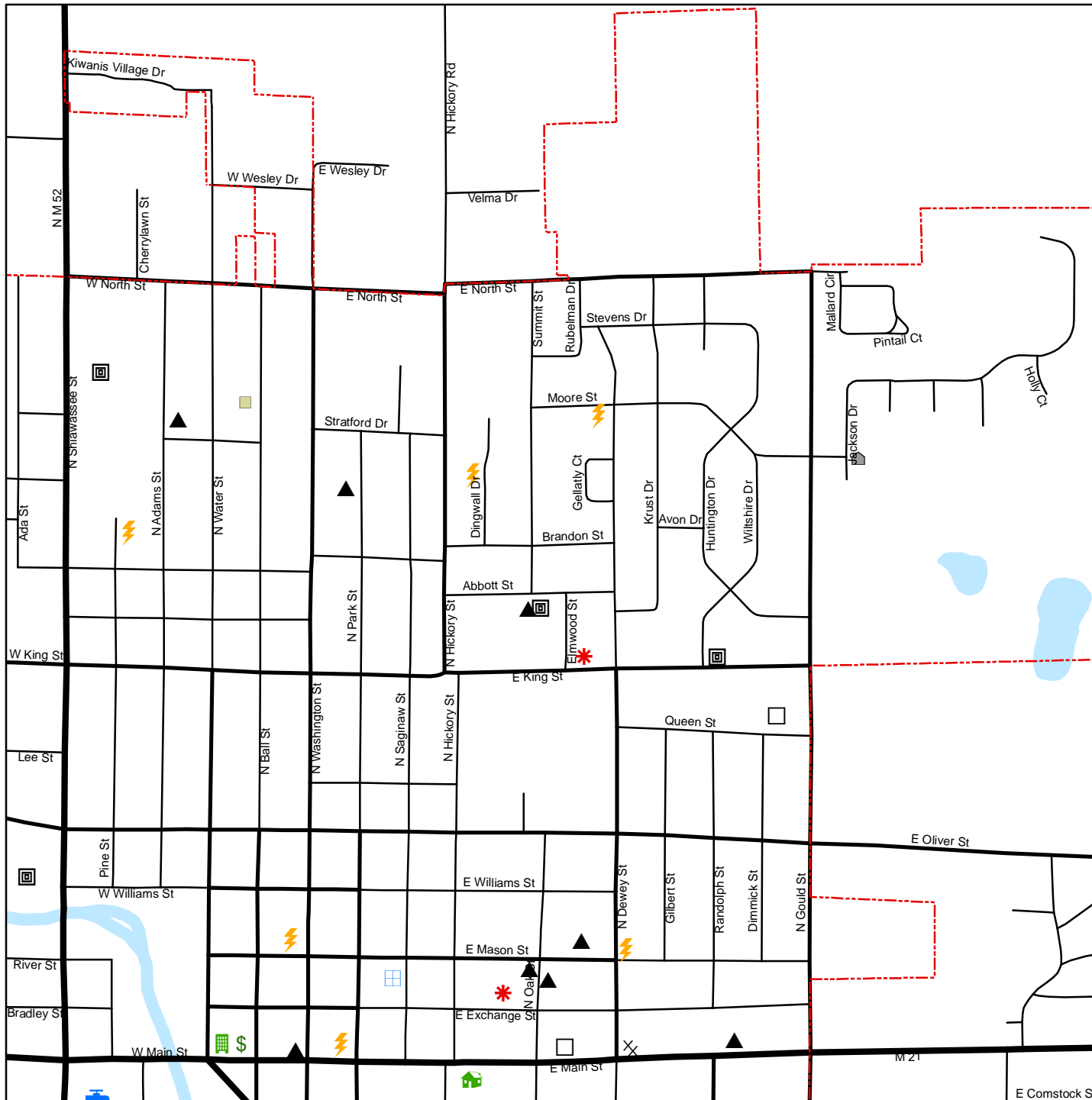
<b>JULY 2022</b>	<b>\$450,100</b>	<b>\$15,662</b>	<b>114</b>
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# City of Owosso

Permit Activity  
July 2023

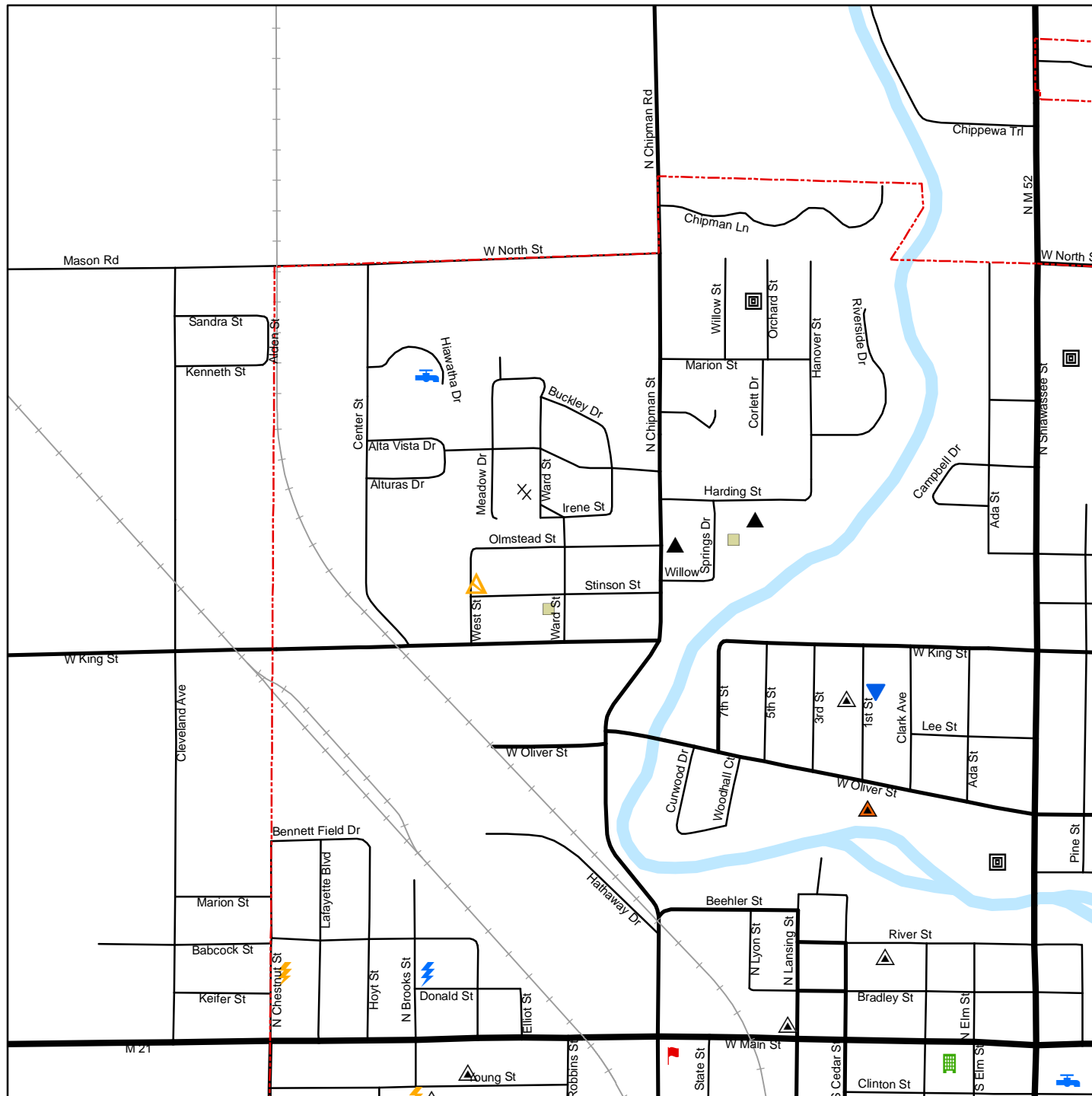
NE Quadrant



# City of Owosso

Permit Activity  
July 2023

NW Quadrant



## Category

- Deck
- Electrical
- Electrical & Plumbing
- Fence Permit
- Foundation - Residential
- Mechanical
- Non-Res. Add/Alter/Repair
- Plumbing
- Roof
- ROW-Eng
- ROW-Utility
- Sign Permit
- Solar Panels

## Other Features

- City Limit
- Railroads
- River & Lakes

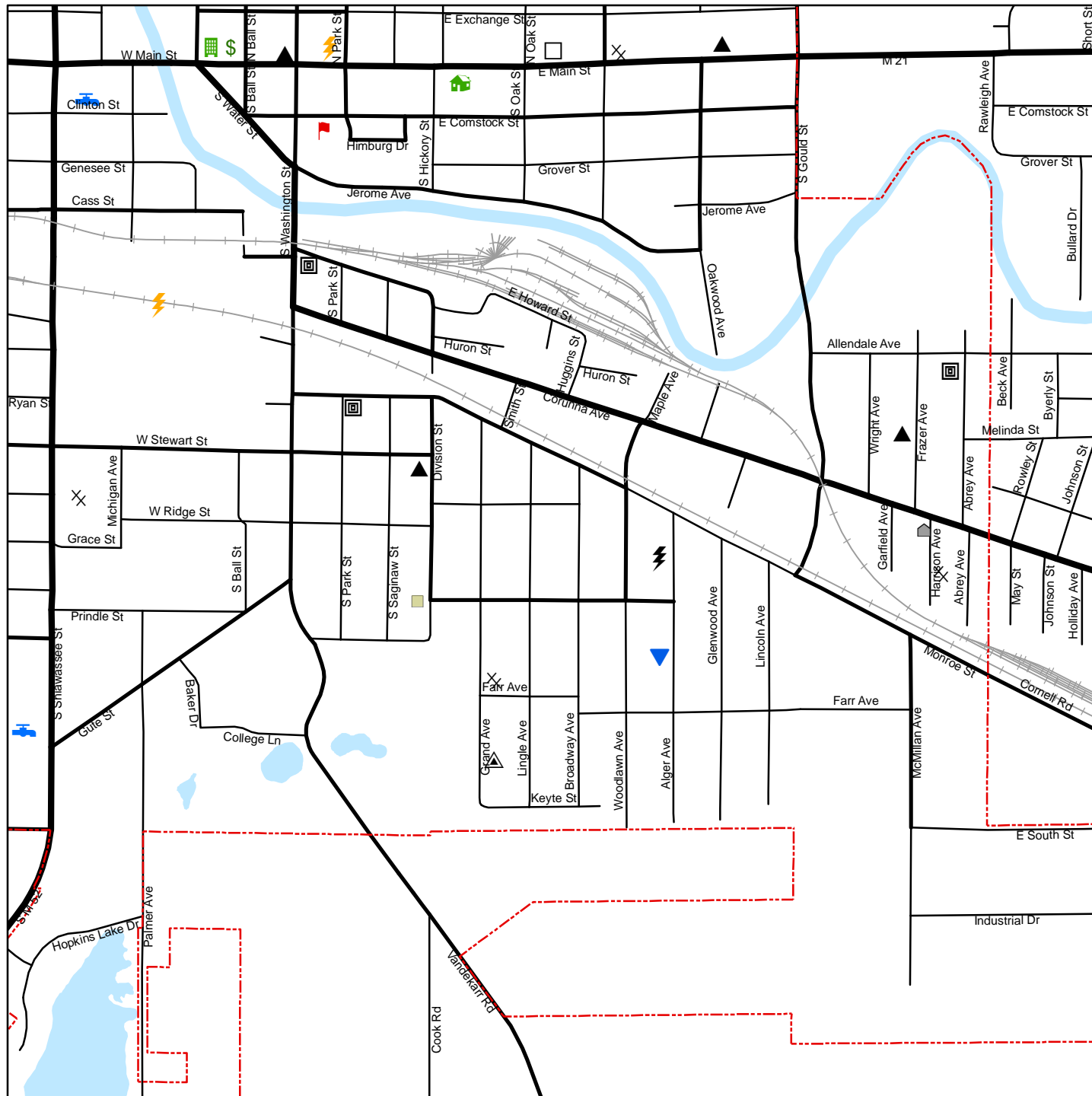
0 300 600 900 1,200 Feet



# City of Owosso

Permit Activity  
July 2023

SE Quadrant



## Category

- Accessory Structures
- Deck
- Electrical
- Electrical & Mechanical
- Fence Permit
- Foundation - Residential
- Mechanical
- New Business
- Non-Res. Add/Alter/Repair
- Plumbing
- Res. Add/Alter/Repair
- Roof
- ROW-Utility
- Siding
- Sign Permit

## Other Features

- City Limit
- Railroads
- River & Lakes

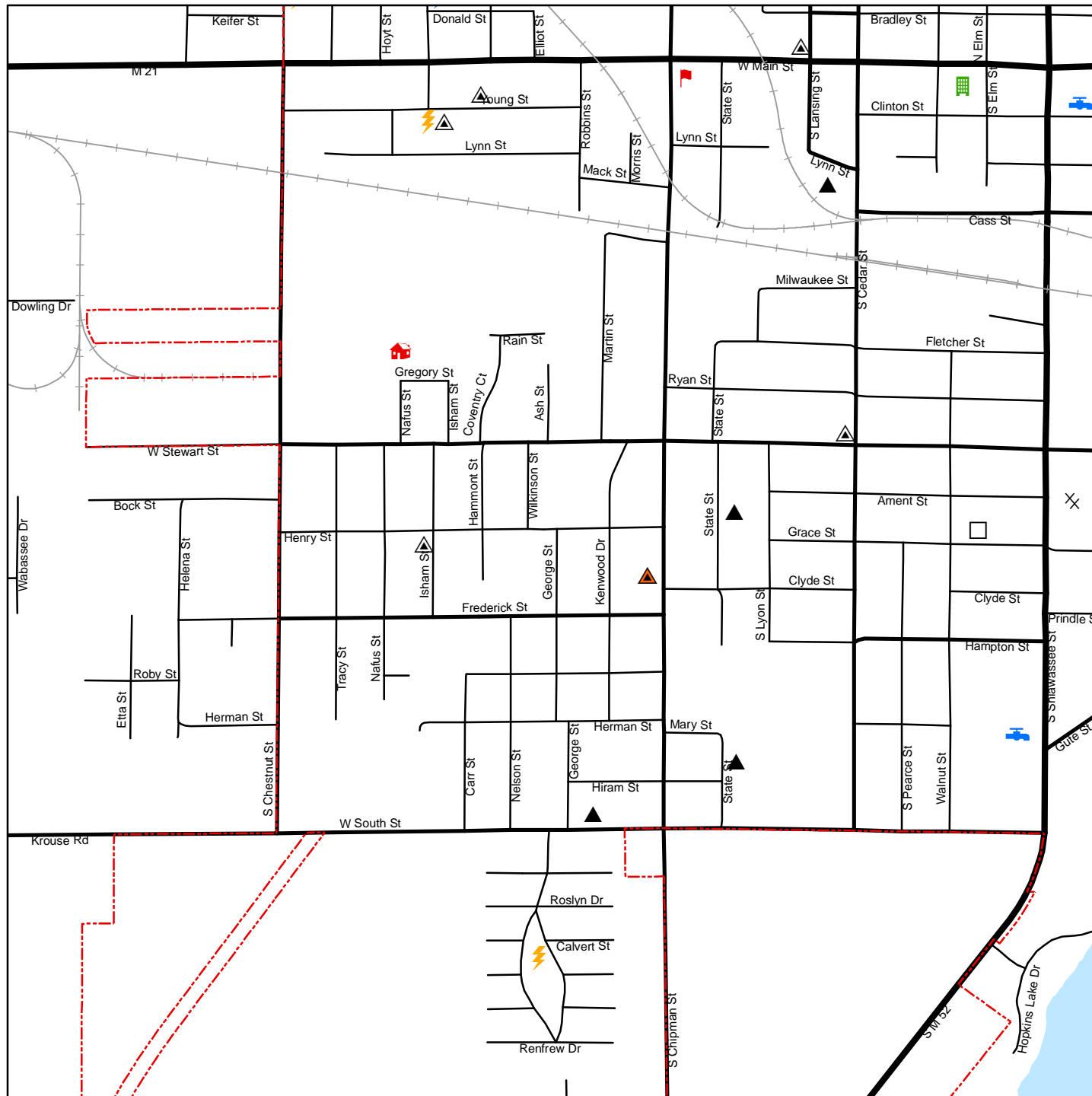
0 300 600 900 1,200 Feet



# City of Owosso

Permit Activity  
July 2023

SW Quadrant



## Category

- Electrical
- Electrical & Plumbing
- Fence Permit
- Non-Res. Add/Alter/Repair
- Plumbing
- Res. Single Family New Build
- Roof
- ROW-Eng
- ROW-Utility
- Siding
- Sign Permit

## Other Features

- City Limit
- Railroads
- River & Lakes

0 300 600 900 1,200  
Feet





## JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ACCESSORY STRUCTURES								
ENF 21-1429	E MAIN ST	INSPECTED PROPERTY	FINAL NOTICE	09/13/2021	07/12/2023	09/04/2023		N
ENF 22-0149	LINGLE AVE	RESOLVED	CLOSED	02/10/2022	07/12/2023		07/12/2023	N
ENF 22-0150	LINGLE AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	02/10/2022	07/10/2023	08/14/2023		N
Total Entries				3				
APPLIANCES								
ENF 23-0484	CASS ST	INSPECTED PROPERTY	PENDING 1ST TICKET	05/23/2023	07/27/2023	08/10/2023		N
ENF 23-0749	OAKWOOD AVE	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	N
ENF 23-0754	NAFUS ST	RESOLVED	CLOSED	07/20/2023	07/31/2023		07/31/2023	N
ENF 23-0761	S CHIPMAN ST	RESOLVED	CLOSED	07/24/2023	07/31/2023		07/31/2023	N
Total Entries				4				
AUTO REP/JUNK VEH								
ENF 23-0354	HIRAM ST	RESOLVED	CLOSED	05/02/2023	07/26/2023		07/26/2023	N
ENF 23-0561	W MAIN ST	LETTER SENT	RECHECK SCHEDULED	06/08/2023	07/24/2023	08/02/2023		COMM
ENF 23-0679	FRAZER AVE	RESOLVED	CLOSED	07/10/2023	07/10/2023		07/10/2023	N
ENF 23-0706	CORUNNA AVE	SENT LETTER	RECHECK SCHEDULED	07/13/2023	07/13/2023	08/08/2023		N
ENF 23-0712	AMENT ST	RESOLVED	CLOSED	07/13/2023	07/13/2023		07/13/2023	N
ENF 23-0731	WRIGHT AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	07/18/2023	07/25/2023	08/08/2023		N
ENF 23-0750	RIVER	INSPECTED PROPERTY	CLOSED	07/19/2023	07/19/2023		07/19/2023	Y
ENF 23-0758	RIVER ST	RESOLVED	CLOSED	07/24/2023			07/24/2023	
ENF 23-0762	N WATER ST	LETTER SENT	RECHECK SCHEDULED	07/24/2023	07/31/2023	08/07/2023		N

08/01/23

Code Enforcement Activity

2/20

JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0769	CLEVELAND ST	RESOLVED	CLOSED	07/25/2023	07/25/2023		07/25/2023	Y
				Total Entries	10			
BRUSH								
ENF 23-0711	YOUNG ST	INSPECTED PROPERTY	2ND NOTICE SENT	07/13/2023	07/27/2023	08/07/2023		N
				Total Entries	1			
BUILDING VIOL								
ENF 18-0622	W OLIVER ST	INSPECTED PROPERTY	REF TO CITY ATTY	08/10/2018	07/19/2023	08/21/2023		IND
				Total Entries	1			
BUILDING VIOL								
ENF 19-0167	TRACY ST	INSPECTED PROPERTY	REF TO CITY ATTY	03/15/2019	07/20/2023	08/24/2023		N
ENF 20-0698	W MAIN ST	INSPECTED PROPERTY	EXTENSION GRANTED	09/03/2020	07/20/2023	08/31/2023		COMM
ENF 20-0720	HURON ST	INSPECTED PROPERTY	REF TO BLDG OFFICIAL	09/10/2020	07/27/2023	08/28/2023		N
ENF 20-0748	MARTIN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	09/16/2020	07/24/2023	08/24/2023		VAC
ENF 20-0972	E WILLIAMS ST	INSPECTED PROPERTY	RECHECK SCHEDULED	11/18/2020	07/24/2023	08/24/2023		N
ENF 21-1156	E WILLIAMS ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	08/01/2023	07/24/2023	08/24/2023		N
ENF 22-0067	N WASHINGTON ST	INSPECTED PROPERTY	FINAL NOTICE	01/24/2022	07/26/2023	08/24/2023		N
ENF 22-0167	S CEDAR	INSPECTED PROPERTY	REF TO CITY ATTY	02/15/2022	07/27/2023	08/28/2023		N
ENF 22-0209	S CEDAR ST	INSPECTED PROPERTY	RECHECK SCHEDULED	02/23/2022	07/27/2023	08/03/2023		IND
ENF 22-0249	S CHIPMAN	INSPECTED PROPERTY	PENDING 1ST TICKET	03/07/2022	07/27/2023	08/31/2023		N
ENF 22-0425	WOODLAWN AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	04/12/2022	07/26/2023	08/29/2023		N
ENF 22-0677	N SHIAWASSEE ST	INSPECTED PROPERTY	RED-TAGGED	05/19/2022	07/17/2023	08/28/2023		VAC
ENF 22-1131	E MASON ST	INSPECTED PROPERTY	2ND TICKET ISSUED	08/10/2022	07/11/2023	08/08/2023		Y

**Code Enforcement Activity**  
JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 22-1352	CORUNNA AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	10/03/2022	07/27/2023	08/28/2023		N
ENF 22-1468	GRACE ST	OBTAINED PERMIT	CLOSED	10/27/2022	07/07/2023		07/07/2023	N
ENF 22-1597	W MAIN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	12/01/2022	07/10/2023	08/14/2023		COMM
ENF 22-1626	BROADWAY AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	12/07/2022	07/20/2023	09/25/2023		N
ENF 23-0051	E KING ST	INSPECTED PROPERTY	EXTENSION GRANTED	01/18/2023	07/17/2023	09/28/2023		VAC
ENF 23-0128	DIVISION ST	INSPECTED PROPERTY	RED-TAGGED	02/06/2023	07/10/2023	08/10/2023		VAC
ENF 23-0202	E COMSTOCK ST	INSPECTED PROPERTY	RECHECK SCHEDULED	03/08/2023	07/20/2023	08/24/2023		COMM
ENF 23-0254	YOUNG ST	INSPECTED PROPERTY	REF TO BLDG OFFICIAL	03/21/2023	07/26/2023	08/31/2023		VAC
ENF 23-0270	E STEWART ST	INSPECTED PROPERTY	REF TO BLDG OFFICIAL	03/29/2023	07/27/2023	08/28/2023		Y
ENF 23-0288	W EXCHANGE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	04/05/2023	07/26/2023	09/28/2023		COMM
ENF 23-0313	GRAND AVE	INSPECTED PROPERTY	2ND NOTICE SENT	04/18/2023	07/27/2023	09/07/2023		N
ENF 23-0334	CORUNNA AVE	INSPECTED PROPERTY	LETTER SENT	04/24/2023	07/31/2023	08/31/2023		N
ENF 23-0542	GROVER ST	INSPECTED PROPERTY	RECHECK SCHEDULED	06/06/2023	07/20/2023	08/17/2023		Y
ENF 23-0578	S CHIPMAN ST	LETTER SENT	RECHECK SCHEDULED	06/12/2023	07/12/2023	10/11/2023		COMM
ENF 23-0612	W EXCHANGE	LETTER SENT	CONTACTED PROPERTY OWNER	06/20/2023	07/20/2023	08/07/2023		N
ENF 23-0662	DIVISION ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/05/2023	07/20/2023	08/03/2023		N
ENF 23-0673	N SAGINAW ST	LETTER SENT	RECHECK SCHEDULED	07/10/2023	07/10/2023	10/09/2023		N
ENF 23-0692	DIVISION ST	OBTAINED PERMIT	CLOSED	07/11/2023	07/20/2023		07/20/2023	Y
ENF 23-0732	CURWOOD DR	CONTACT WITH OWNER	CLOSED	07/18/2023	07/28/2023		07/28/2023	N

08/01/23

Code Enforcement Activity

4/20

JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0785	GENESEE ST	INSPECTED PROPERTY	CONTACTED PROPERTY OWNER	07/26/2023	07/31/2023	08/21/2023		N
				Total Entries	33			
<b><u>BUSHES-SIDEWALK VISIBILITY</u></b>								
ENF 23-0729	CLINTON ST	RESOLVED	CLOSED	07/18/2023	08/01/2023		08/01/2023	VAC
				Total Entries	1			
<b><u>CHICKENS</u></b>								
ENF 23-0690	STATE ST	RESOLVED	CLOSED	07/11/2023	07/24/2023		07/24/2023	N
				Total Entries	1			
<b><u>DEAD TREE</u></b>								
ENF 22-0548	BROADWAY AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	05/04/2022	07/24/2023	09/27/2023		N
ENF 23-0714	W MAIN ST	LETTER SENT	RECHECK SCHEDULED	07/17/2023	07/17/2023	08/17/2023		N
ENF 23-0746	MARTIN ST	LETTER SENT	RECHECK SCHEDULED	07/19/2023	07/19/2023	09/20/2023		N
				Total Entries	3			
<b><u>DEMO BY NEGLECT HDC</u></b>								
ENF 22-1109	W MAIN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	08/05/2022	07/17/2023	10/23/2023		COMM
				Total Entries	1			
<b><u>DRAIN ISSUES</u></b>								
ENF 23-0500	WOODHALL CT	INSPECTED PROPERTY	CLOSED	05/15/2023	07/12/2023		07/12/2023	N
ENF 23-0783	MICHIGAN AVE	COMPLAINT LOGGED	INSPECTION PENDING	07/26/2023	07/26/2023	08/07/2023		Y
				Total Entries	2			
<b><u>EXTERIOR PAINT/SIDING</u></b>								
ENF 20-0076	HUGGINS ST	INSPECTED PROPERTY	FINAL NOTICE	01/28/2020	07/13/2023	09/04/2023		Y



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Code Enforcement Activity

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JULY 2023

Enf. Number		Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 20-0106	E	COMSTOCK ST	INSPECTED PROPERTY	FINAL NOTICE	02/17/2020	07/26/2023	09/11/2023		VAC
ENF 20-0119	E	OLIVER ST	INSPECTED PROPERTY	EXTENSION GRANTED	02/24/2020	07/13/2023	09/04/2023		N
ENF 20-0124		LINGLE AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	02/24/2020	07/17/2023	08/31/2023		N
ENF 20-0143		LYNN ST	INSPECTED PROPERTY	FINAL NOTICE	03/05/2020	07/12/2023	08/03/2023		N
ENF 21-0023	W	STEWART ST	HOMEOWNER CALLED IN	RECHECK SCHEDULED	01/12/2021	07/10/2023	05/01/2024		N
ENF 21-0024	E	EXCHANGE ST	INSPECTED PROPERTY	FINAL NOTICE	01/12/2021	07/10/2023	10/16/2023		N
ENF 21-0040		WOODLAWN AVE	INSPECTED PROPERTY	PENDING 1ST TICKET	01/12/2021	07/26/2023	08/23/2023		N
ENF 21-0041		MILWAUKEE ST	INSPECTED PROPERTY	1ST TICKET ISSUED	01/12/2021	07/13/2023	08/14/2023		Y
ENF 21-0424	N	SAGINAW ST	INSPECTED PROPERTY	FINAL NOTICE	03/22/2021	07/10/2023	10/09/2023		N
ENF 21-1563	W	WILLIAMS ST	INSPECTED PROPERTY	CONTACT WITH HOMEOWNER	10/12/2021	07/20/2023	08/24/2023		N
ENF 22-0213		BRADLEY ST	INSPECTED PROPERTY	FINAL NOTICE	02/24/2022	07/13/2023	09/04/2023		N
ENF 22-1345		RYAN ST	CONTACT WITH OWNER	EXTENSION GRANTED	10/03/2022	07/31/2023	10/02/2023		Y
ENF 23-0568		WALNUT ST	INSPECTED PROPERTY	RECHECK SCHEDULED	06/08/2023	07/06/2023	10/09/2023		N
ENF 23-0812		KENWOOD DR	LETTER SENT	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/14/2023		N

Total Entries	15
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FENCE VIOLATION

ENF 22-0257	S	WASHINGTON ST	INSPECTED PROPERTY	RECHECK SCHEDULED	03/07/2022	07/17/2023	08/17/2023		COMM
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Total Entries	1
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FIRE DAMAGE

ENF 22-0193	S	CHIPMAN ST	INSPECTED PROPERTY	REF TO CITY ATTY	02/21/2022	07/20/2023	08/17/2023		Y
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ENF 23-0174	N	HICKORY ST	INSPECTED PROPERTY	RED-TAGGED	02/23/2023	07/25/2023	08/29/2023		VAC
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Code Enforcement Activity

JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0198	AMENT ST	INSPECTED PROPERTY	RED-TAGGED	03/07/2023	07/17/2023	08/17/2023		VAC
ENF 23-0295	S OAK ST	CONTACT WITH OWNER	RECHECK SCHEDULED	04/17/2023	07/19/2023	08/02/2023		Y
ENF 23-0701	E EXCHANGE ST	INSPECTED PROPERTY	INSPECTED PROPERTY	07/12/2023	07/12/2023	08/14/2023		N
ENF 23-0788	S SHIAWASSEE ST	INSPECTED PROPERTY	RED-TAGGED	07/26/2023	07/26/2023	08/02/2023		Y

Total Entries	6
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**FRONT YARD PARKING**

ENF 23-0376	GELLATLY CT	RESOLVED	CLOSED	05/09/2023	07/10/2023		07/10/2023	N
ENF 23-0508	ADA ST	RESOLVED	CLOSED	05/30/2023	07/05/2023		07/05/2023	N
ENF 23-0633	E COMSTOCK ST	RESOLVED	CLOSED	06/26/2023	07/05/2023		07/05/2023	Y
ENF 23-0659	STEVENS DR	RESOLVED	CLOSED	07/05/2023	07/10/2023		07/10/2023	N
ENF 23-0665	E KING ST	RESOLVED	CLOSED	07/10/2023	07/24/2023		07/24/2023	N
ENF 23-0687	ADAMS ST	RESOLVED	CLOSED	07/11/2023	07/25/2023		07/25/2023	Y
ENF 23-0689	STATE ST	RESOLVED	CLOSED	07/11/2023	07/24/2023		07/24/2023	N
ENF 23-0789	S BALL ST	LETTER SENT	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/03/2023		N

Total Entries	8
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**FURNITURE OUTSIDE**

ENF 23-0626	OAKWOOD AVE	RESOLVED	CLOSED	06/21/2023	07/06/2023		07/06/2023	Y
ENF 23-0786	S CEDAR ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/07/2023		N
ENF 23-0811	ABBOTT ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		N

Total Entries	3
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**GARAGE SALE**

08/01/23

Code Enforcement Activity

7/20

JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0764	E KING ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/25/2023	07/27/2023	08/03/2023		Y
				Total Entries	1			
GARBAGE & DEBRIS								
ENF 20-0878	N HICKORY ST	INSPECTED PROPERTY	REF TO CITY ATTY	10/26/2020	07/25/2023	08/29/2023		VAC
ENF 22-0551	GRACE ST	ISSUED 3RD TICKET	REF TO CITY ATTY	05/04/2022	07/24/2023	08/21/2023		N
ENF 22-1318	GRACE ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	09/20/2022	07/13/2023	08/03/2023		N
ENF 22-1388	YOUNG ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	10/11/2022	07/31/2023	08/07/2023		N
ENF 22-1417	W MAIN ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	10/18/2022	07/27/2023	10/25/2023		N
ENF 22-1558	BRADLEY ST	INSPECTED PROPERTY	EXTENSION GRANTED	11/21/2022	07/13/2023	09/14/2023		N
ENF 23-0231	GRAND AVE	RESOLVED	CLOSED	03/15/2023	07/27/2023		07/27/2023	N
ENF 23-0341	MARTIN ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	04/26/2023	07/26/2023	08/08/2023		N
ENF 23-0513	FLETCHER ST	RESOLVED	CLOSED	05/31/2023	07/06/2023		07/06/2023	N
ENF 23-0516	GLENWOOD AVE	RESOLVED	CLOSED	06/01/2023	07/05/2023		07/05/2023	N
ENF 23-0518	RYAN ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	06/01/2023	07/24/2023	08/24/2023		N
ENF 23-0537	N CHIPMAN ST	RESOLVED	CLOSED	06/06/2023	07/13/2023		07/13/2023	N
ENF 23-0546	ABBOTT ST	RESOLVED	CLOSED	06/07/2023	07/27/2023		07/27/2023	N
ENF 23-0565	S WASHINGTON ST	RESOLVED	CLOSED	06/08/2023	07/13/2023		07/13/2023	N
ENF 23-0596	DIVISION ST	INSPECTED PROPERTY	2ND NOTICE SENT	06/13/2023	07/10/2023	08/10/2023		VAC
ENF 23-0610	LYNN ST	INSPECTED PROPERTY	RESOLVED	06/19/2023	07/11/2023		07/11/2023	N
ENF 23-0634	E COMSTOCK ST	RESOLVED	CLOSED	06/26/2023	07/24/2023		07/24/2023	Y
ENF 23-0641	N SAGINAW ST	LETTER SENT	CLOSED	06/26/2023	07/19/2023		07/19/2023	N

**Code Enforcement Activity**  
**JULY 2023**

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0642	MILWAUKEE	INSPECTED PROPERTY	PARTIALLY RESOLVED	06/27/2023	07/27/2023	08/17/2023		Y
ENF 23-0643	HUNTINGTON DR	RESOLVED	CLOSED	06/27/2023	07/05/2023		07/05/2023	N
ENF 23-0645	N LANSING ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	06/27/2023	07/26/2023	08/02/2023		Y
ENF 23-0654	E EXCHANGE ST	RESOLVED	CLOSED	06/28/2023	07/26/2023		07/26/2023	VAC
ENF 23-0655	N DEWEY ST	RESOLVED	CLOSED	06/28/2023	07/19/2023		07/19/2023	N
ENF 23-0661	W SOUTH ST	RESOLVED	CLOSED	07/05/2023	07/24/2023		07/24/2023	N
ENF 23-0669	LINGLE AVE	HOMEOWNER CALLED IN	EXTENSION GRANTED	07/10/2023	07/14/2023	08/14/2023		N
ENF 23-0670	WOODLAWN AVE	RESOLVED	CLOSED	07/10/2023	07/24/2023		07/24/2023	N
ENF 23-0713	STATE ST	COMPLAINT LOGGED	LETTER SENT	07/14/2023	07/26/2023	08/09/2023		Y
ENF 23-0716	KENWOOD DR	INSPECTED PROPERTY	LETTER SENT	07/17/2023	07/31/2023	08/07/2023		N
ENF 23-0768	S WATER ST	RESOLVED	CLOSED	07/25/2023	08/01/2023		08/01/2023	COMM
ENF 23-0771	MICHIGAN AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	07/25/2023	07/25/2023	08/02/2023		Y
ENF 23-0772	LINGLE AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	07/25/2023	08/01/2023	08/02/2023		N
ENF 23-0792	STATE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/27/2023	08/01/2023	08/08/2023		VAC
ENF 23-0795	E STEWART ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/28/2023		Y
ENF 23-0796	E MASON ST	EMAILED OWNER	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/03/2023		Y
ENF 23-0797	W OLIVER ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/07/2023		N

**Total Entries      35**

**GARBAGE CANS**



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Code Enforcement Activity

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JULY 2023

Enf. Number		Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0719	N	DEWEY ST	RESOLVED	CLOSED	07/17/2023	07/31/2023		07/31/2023	N
					Total Entries		1		
GARBAGE/JUNK IN ROW									
ENF 23-0381	E	KING ST	RESOLVED	CLOSED	05/10/2023	07/24/2023		07/24/2023	Y
ENF 23-0591		ISHAM ST	RESOLVED	CLOSED	06/13/2023	07/13/2023		07/13/2023	N
ENF 23-0613		MILWAUKEE	RESOLVED	CLOSED	06/20/2023	07/06/2023		07/06/2023	N
ENF 23-0627		FLETCHER ST	RESOLVED	CLOSED	06/21/2023	07/06/2023		07/06/2023	N
ENF 23-0635	E	MASON ST	RESOLVED	CLOSED	06/26/2023	07/20/2023		07/20/2023	Y
ENF 23-0638		STEVENS DR	RESOLVED	CLOSED	06/26/2023	07/20/2023		07/20/2023	N
ENF 23-0640	N	DEWEY ST	RESOLVED	CLOSED	06/26/2023	07/05/2023		07/05/2023	N
ENF 23-0647		QUEEN ST	RESOLVED	CLOSED	06/28/2023	07/12/2023		07/12/2023	N
ENF 23-0648		PINE ST	RESOLVED	CLOSED	06/28/2023	07/12/2023		07/12/2023	Y
ENF 23-0651	E	COMSTOCK ST	RESOLVED	CLOSED	06/28/2023	07/05/2023		07/05/2023	Y
ENF 23-0663		PINE ST	INSPECTED PROPERTY	CLOSED	07/06/2023	07/31/2023		07/31/2023	N
ENF 23-0666	N	PARK ST	RESOLVED	CLOSED	07/10/2023	07/17/2023		07/17/2023	Y
ENF 23-0667		WILKINSON ST	RESOLVED	CLOSED	07/10/2023	07/24/2023		07/24/2023	N
ENF 23-0677	N	DEWEY ST	RESOLVED	CLOSED	07/10/2023	07/24/2023		07/24/2023	N
ENF 23-0678	N	DEWEY ST	RESOLVED	CLOSED	07/10/2023	07/17/2023		07/17/2023	N
ENF 23-0680		BROADWAY AVE	RESOLVED	CLOSED	07/10/2023	07/17/2023		07/17/2023	Y
ENF 23-0681		GRAND AVE	RESOLVED	CLOSED	07/10/2023	07/17/2023		07/17/2023	N
ENF 23-0685		OLMSTEAD ST	RESOLVED	CLOSED	07/11/2023	07/18/2023		07/18/2023	N

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Enf. Number		Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0695		FLETCHER ST	RESOLVED	CLOSED	07/12/2023	07/19/2023		07/19/2023	N
ENF 23-0696	N	SAGINAW ST	INSPECTED PROPERTY	LETTER SENT	07/12/2023	07/26/2023	08/02/2023		Y
ENF 23-0697		WHITEHAVEN CT	RESOLVED	CLOSED	07/12/2023	07/19/2023		07/19/2023	N
ENF 23-0702		PINE ST	RESOLVED	CLOSED	07/12/2023	07/19/2023		07/19/2023	Y
ENF 23-0703	E	MASON ST	RESOLVED	CLOSED	07/12/2023	07/19/2023		07/19/2023	N
ENF 23-0704	S	SAGINAW ST	RESOLVED	CLOSED	07/12/2023	07/19/2023		07/19/2023	N
ENF 23-0705		BROADWAY AVE	RESOLVED	CLOSED	07/12/2023	07/19/2023		07/19/2023	N
ENF 23-0710	S	CEDAR ST	LETTER SENT	RECHECK SCHEDULED	07/13/2023	07/27/2023	08/03/2023		N
ENF 23-0724	E	KING ST	RESOLVED	CLOSED	07/18/2023	07/25/2023		07/25/2023	N
ENF 23-0725	N	ELM ST	RESOLVED	CLOSED	07/18/2023	07/25/2023		07/25/2023	N
ENF 23-0727		FLETCHER ST	RESOLVED	CLOSED	07/18/2023	07/27/2023		07/27/2023	N
ENF 23-0730	N	DEWEY ST	RESOLVED	CLOSED	07/18/2023	07/24/2023		07/24/2023	Y
ENF 23-0735	W	OLIVER ST	RESOLVED	CLOSED	07/18/2023	07/26/2023		07/26/2023	N
ENF 23-0736	E	COMSTOCK ST	RESOLVED	CLOSED	07/19/2023	07/20/2023		07/20/2023	N
ENF 23-0737	N	WASHINGTON ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	07/19/2023	07/31/2023	08/03/2023		Y
ENF 23-0738	N	BALL ST	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	N
ENF 23-0741	S	CEDAR ST	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	N
ENF 23-0742		RYAN ST	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	N
ENF 23-0743	S	CHIPMAN ST	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	N
ENF 23-0745		MACK ST	LETTER SENT	RECHECK SCHEDULED	07/19/2023	07/26/2023	08/09/2023		N

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Enf. Number		Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0748	E	OLIVER ST	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	Y
ENF 23-0751	N	BALL ST	RESOLVED	CLOSED	07/19/2023	07/26/2023		07/26/2023	N
ENF 23-0755		BROADWAY AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	07/24/2023	07/24/2023	08/07/2023		Y
ENF 23-0757		GROVER ST	RESOLVED	CLOSED	07/24/2023	07/31/2023		07/31/2023	N
ENF 23-0760		AMENT ST	LETTER SENT	RECHECK SCHEDULED	07/24/2023	07/31/2023	08/07/2023		N
ENF 23-0770	N	PARK	RESOLVED	CLOSED	07/25/2023	08/01/2023		08/01/2023	N
ENF 23-0774		GLENWOOD AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/02/2023		N
ENF 23-0775		GRAND AVE	LETTER SENT	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/03/2023		Y
ENF 23-0776		WALNUT ST	INSPECTED PROPERTY	INSPECTED PROPERTY	07/26/2023	07/26/2023	08/02/2023		Y
ENF 23-0777		CARMODY ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/07/2023		Y
ENF 23-0778		LYNN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/07/2023		N
ENF 23-0779		ELIZABETH ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/07/2023		N
ENF 23-0780	N	OAK ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/07/2023		Y
ENF 23-0784	E	EXCHANGE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/07/2023		N
ENF 23-0787	W	STEWART ST	INSPECTED PROPERTY	INSPECTED PROPERTY	07/26/2023	07/26/2023	08/07/2023		N
ENF 23-0793		ABBOTT ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/07/2023		Y
ENF 23-0798	W	MAIN ST	LETTER SENT	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		COMM
ENF 23-0801		LINGLE AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		N
ENF 23-0803		PINE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		Y
ENF 23-0804	E	OLIVER ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		N
ENF 23-0805		GOODHUE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/24/2023	08/07/2023		N

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Code Enforcement Activity

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JULY 2023

Enf. Number	Address		Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0808	E	MAIN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		Y
ENF 23-0809	E	EXCHANGE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		Y
ENF 23-0810	N	BALL ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/07/2023		N
Total Entries					62				
HEALTH & SAFETY									
ENF 21-0921		CORUNNA AVE	HOMEOWNER CALLED IN	RECHECK SCHEDULED	06/23/2021	07/27/2023	08/30/2023		N
Total Entries					1				
IMMINENT DANGER OF STRUCTURE									
ENF 22-0059	S	DEWEY ST	INSPECTED PROPERTY	REF TO CITY ATTY	01/21/2022	07/12/2023	08/10/2023		VAC
Total Entries					1				
LAWN MAINTENANCE									
ENF 23-0385	S	SHIAWASSEE ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	05/15/2023	07/25/2023	08/08/2023		COMM
ENF 23-0386	W	MAIN ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	05/15/2023	07/25/2023	08/08/2023		COMM
ENF 23-0396		STATE ST	CONTACT WITH OWNER	RECHECK SCHEDULED	05/15/2023	07/31/2023	08/08/2023		N
ENF 23-0397	S	CHIPMAN ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	05/15/2023	07/25/2023	08/08/2023		VAC
ENF 23-0404		CORUNNA AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	05/15/2023	07/25/2023	08/08/2023		VAC
ENF 23-0418		DIVISION ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	05/15/2023	07/25/2023	08/08/2023		VAC
ENF 23-0435	N	SHIAWASSEE ST	RESOLVED	CLOSED	05/17/2023	07/25/2023		07/25/2023	N
ENF 23-0451	N	WASHINGTON	INSPECTED PROPERTY	CLOSED	05/17/2023	07/25/2023		07/25/2023	VAC
ENF 23-0462		MARTIN ST	INSPECTED PROPERTY	CLOSED	05/22/2023	07/25/2023		07/25/2023	N



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Code Enforcement Activity

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JULY 2023

Enf. Number		Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0487	N	CEDAR ST	INSPECTED PROPERTY	CLOSED	05/24/2023	07/25/2023		07/25/2023	Y
ENF 23-0499		CLINTON ST	INSPECTED PROPERTY	CLOSED	05/30/2023	07/18/2023		07/18/2023	VAC
ENF 23-0579		STATE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	06/12/2023	07/25/2023	08/08/2023		VAC
ENF 23-0582		PEARCE ST	INSPECTED PROPERTY	CLOSED	06/12/2023	07/25/2023		07/25/2023	VAC
ENF 23-0628	N	DEWEY ST	RESOLVED	CLOSED	06/21/2023	07/18/2023		07/18/2023	Y
ENF 23-0636	E	MASON ST	RESOLVED	CLOSED	06/26/2023	07/05/2023		07/05/2023	VAC
ENF 23-0652		HUGGINS ST	RESOLVED	CLOSED	06/28/2023	07/11/2023		07/11/2023	Y
ENF 23-0653	N	LANSING ST	INSPECTED PROPERTY	CLOSED	06/28/2023	07/11/2023		07/12/2023	Y
ENF 23-0657	N	CEDAR ST	RESOLVED	CLOSED	06/29/2023	07/11/2023		07/11/2023	N
ENF 23-0668	S	CHIPMAN ST	RESOLVED	CLOSED	07/10/2023	07/18/2023		07/18/2023	N
ENF 23-0671		WOODLAWN AVE	RESOLVED	CLOSED	07/10/2023	07/18/2023		07/18/2023	N
ENF 23-0674		CORUNNA AVE	RESOLVED	CLOSED	07/10/2023	08/01/2023		08/01/2023	VAC
ENF 23-0675	E	COMSTOCK ST	RESOLVED	CLOSED	07/10/2023	07/18/2023		07/18/2023	Y
ENF 23-0676	E	COMSTOCK ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	07/10/2023	07/25/2023	08/08/2023		VAC
ENF 23-0682	N	DEWEY ST	RESOLVED	CLOSED	07/10/2023	07/18/2023		07/18/2023	Y
ENF 23-0684		MILWAUKEE ST	HOMEOWNER CALLED IN	CLOSED	07/11/2023	07/18/2023		07/18/2023	Y
ENF 23-0686	E	KING ST	LETTER SENT	CLOSED	07/11/2023	07/11/2023		07/17/2023	N
ENF 23-0688		GRACE ST	RESOLVED	CLOSED	07/11/2023	07/18/2023		07/18/2023	Y
ENF 23-0691	E	MASON ST	RESOLVED	CLOSED	07/11/2023	07/25/2023		07/25/2023	Y
ENF 23-0693	N	HICKORY ST	RESOLVED	CLOSED	07/11/2023	07/18/2023		07/18/2023	N

08/01/23

Code Enforcement Activity

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JULY 2023

Enf. Number		Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0698	S	DEWEY ST	RESOLVED	CLOSED	07/12/2023	07/25/2023		07/25/2023	VAC
ENF 23-0708	W	MAIN ST	RESOLVED	CLOSED	07/13/2023	07/25/2023		07/25/2023	N
ENF 23-0709	W	MAIN ST	RESOLVED	CLOSED	07/13/2023	07/25/2023		07/25/2023	N
ENF 23-0715		FLETCHER ST	RESOLVED	CLOSED	07/17/2023	07/25/2023		07/25/2023	N
ENF 23-0721		ALGER AVE	INSPECTED PROPERTY	CLOSED	07/17/2023	08/01/2023		08/01/2023	N
ENF 23-0722	S	CHIPMAN ST	RESOLVED	CLOSED	07/17/2023	07/17/2023		07/17/2023	Y
ENF 23-0723		LYNN ST	RESOLVED	CLOSED	07/17/2023	07/25/2023		07/25/2023	N
ENF 23-0726	S	CHIPMAN ST	INSPECTED PROPERTY	CLOSED	07/18/2023	07/25/2023		07/25/2023	Y
ENF 23-0733	W	OLIVER ST	RESOLVED	CLOSED	07/18/2023	07/25/2023		07/25/2023	N
ENF 23-0739	W	STEWART ST	INSPECTED PROPERTY	CLOSED	07/19/2023	08/01/2023		08/01/2023	N
ENF 23-0740		FLETCHER ST	HOMEOWNER CALLED IN	RECHECK SCHEDULED	07/19/2023	07/27/2023	08/15/2023		N
ENF 23-0744		PINE ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	07/19/2023	08/01/2023	08/15/2023		N
ENF 23-0752	W	MAIN ST	REF TO MOWING CONTRACTOR	RECHECK SCHEDULED	07/20/2023	08/01/2023	08/15/2023		COMM
ENF 23-0753	S	ELM ST	INSPECTED PROPERTY	CLOSED	07/20/2023	08/01/2023		08/01/2023	COMM
ENF 23-0756		MARTIN ST	REF TO MOWING CONTRACTOR	CONTRACTOR TO MOW	07/24/2023	08/01/2023	08/15/2023		VAC
ENF 23-0765	E	KING ST	RESOLVED	CLOSED	07/25/2023	08/01/2023		08/01/2023	N
ENF 23-0781	E	MASON ST	LETTER SENT	RECHECK SCHEDULED	07/26/2023	07/26/2023	08/08/2023		Y
ENF 23-0799		MCMILLAN AVE	LETTER SENT	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/08/2023		COMM
ENF 23-0800		INDUSTRIAL DR	LETTER SENT	RECHECK SCHEDULED	07/31/2023	07/31/2023	08/08/2023		COMM

Total Entries

48

Code Enforcement Activity

JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
<b><u>MULTIPLE VIOLATIONS</u></b>								
ENF 20-0917	W EXCHANGE	INSPECTED PROPERTY	RECHECK SCHEDULED	11/03/2020	07/24/2023	08/21/2023		N
ENF 21-0802	HAMBLIN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	06/01/2021	07/27/2023	08/24/2023		VAC
ENF 21-0966	ISHAM ST	INSPECTED PROPERTY	REF TO CITY ATTY	06/28/2021	07/31/2023	08/31/2023		VAC
ENF 21-1095	E MASON ST	INSPECTED PROPERTY	1ST TICKET ISSUED	07/20/2021	07/31/2023	08/08/2023		Y
ENF 21-1578	ROBBINS ST	INSPECTED PROPERTY	LEGAL ACTION	10/14/2021	07/19/2023	08/24/2023		COMM
ENF 21-1592	E STEWART ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	10/19/2021	07/20/2023	08/03/2023		Y
ENF 21-1715	W STEWART ST	CONTACT WITH OWNER	RECHECK SCHEDULED	11/08/2021	07/20/2023	08/10/2023		N
ENF 21-1749	E MASON ST	INSPECTED PROPERTY	FINAL NOTICE	11/16/2021	07/27/2023	08/31/2023		N
ENF 21-1883	W MAIN ST	INSPECTED PROPERTY	1ST TICKET ISSUED	12/17/2021	07/27/2023	08/28/2023		N
ENF 21-1884	PRINDLE ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	12/17/2021	07/13/2023	08/24/2023		N
ENF 22-0035	W MAIN ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	01/11/2022	07/05/2023	09/04/2023		COMM
ENF 22-0238	E MAIN ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	03/03/2022	07/20/2023	08/03/2023		N
ENF 22-0356	MILWAUKEE ST	INSPECTED PROPERTY	REF TO CITY ATTY	03/25/2022	07/27/2023	08/31/2023		N
ENF 22-0925	MEADOW DR	INSPECTED PROPERTY	REF TO CITY ATTY	06/22/2022	07/18/2023	08/29/2023		VAC
ENF 22-1150	S DEWEY ST	RESOLVED	CLOSED	08/15/2022	07/13/2023		07/13/2023	N
ENF 22-1197	OAKWOOD AVE	INSPECTED PROPERTY	REF TO CITY ATTY	08/23/2022	07/19/2023	08/21/2023		Y
ENF 22-1317	E HOWARD ST	RESOLVED	CLOSED	09/19/2022	07/13/2023		07/13/2023	N
ENF 22-1428	GARFIELD AVE	CONTACT WITH OWNER	CLOSED	10/19/2022	07/10/2023		07/10/2023	VAC
ENF 22-1429	ALGER AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	10/19/2022	07/12/2023	08/08/2023		VAC
ENF 22-1488	N WATER ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	11/01/2022	07/27/2023	08/28/2023		N

08/01/23

Code Enforcement Activity

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JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 22-1531	WOODLAWN AVE	INSPECTED PROPERTY	PENDING 2ND TICKET	11/14/2022	07/12/2023	08/23/2023		N
ENF 22-1543	W STEWART ST	INSPECTED PROPERTY	EXTENSION GRANTED	11/16/2022	07/19/2023	08/21/2023		N
ENF 22-1647	BEEHLER ST	RESOLVED	CLOSED	12/12/2022	07/12/2023		07/12/2023	N
ENF 22-1671	W KING ST	CONTACT WITH OWNER	RECHECK SCHEDULED	12/19/2022	07/24/2023	09/25/2023		N
ENF 23-0029	N OAK ST	INSPECTED PROPERTY	CONTACT PROPERTY MANAGER	01/09/2023	07/31/2023	08/14/2023		N
ENF 23-0080	PALMER AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	01/25/2023	07/25/2023	08/22/2023		N
ENF 23-0157	N LANSING ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	02/17/2023	07/26/2023	08/09/2023		Y
ENF 23-0161	N SAGINAW ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	02/20/2023	07/31/2023	08/07/2023		N
ENF 23-0172	GRAND AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	02/22/2023	07/12/2023	08/02/2023		N
ENF 23-0281	STATE ST	CONTACT WITH OWNER	RECHECK SCHEDULED	04/04/2023	07/31/2023	08/14/2023		Y
ENF 23-0294	N SHIAWASSEE ST	RESOLVED	CLOSED	04/17/2023	07/06/2023		07/06/2023	Y
ENF 23-0297	GROVER ST	RESOLVED	CLOSED	04/17/2023	07/20/2023		07/20/2023	Y
ENF 23-0316	HAMMONT ST	CONTACT WITH OWNER	RECHECK SCHEDULED	04/19/2023	07/26/2023	08/30/2023		N
ENF 23-0322	S WASHINGTON ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	04/20/2023	07/17/2023	08/14/2023		N
ENF 23-0352	LAFAYETTE BLVD	RESOLVED	CLOSED	05/02/2023	07/20/2023		07/20/2023	N
ENF 23-0361	OAKWOOD AVE	RESOLVED	CLOSED	05/04/2023	07/13/2023		07/13/2023	N
ENF 23-0368	BROADWAY AVE	INSPECTED PROPERTY	FINAL NOTICE	05/08/2023	07/31/2023	08/31/2023		N
ENF 23-0371	W KING ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	05/08/2023	07/31/2023	08/30/2023		VAC
ENF 23-0425	S CHIPMAN ST	INSPECTED PROPERTY	RECHECK SCHEDULED	05/16/2023	07/27/2023	08/17/2023		N
ENF 23-0468	WOODLAWN AVE	LETTER SENT	PARTIALLY RESOLVED	05/22/2023	07/20/2023	08/03/2023		VAC



08/01/23

Code Enforcement Activity

17/20

JULY 2023

Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0585	WOODLAWN AVE	INSPECTED PROPERTY	PARTIALLY RESOLVED	06/12/2023	07/24/2023	08/07/2023		N
ENF 23-0614	GLENWOOD AVE	INSPECTED PROPERTY	CLOSED	06/20/2023	07/05/2023		07/05/2023	Y
ENF 23-0616	S LYON ST	RESOLVED	CLOSED	06/20/2023	07/13/2023		07/13/2023	Y
ENF 23-0617	CLINTON ST	RESOLVED	CLOSED	06/21/2023	07/05/2023		07/05/2023	Y
ENF 23-0629	N PARK ST	RESOLVED	CLOSED	06/21/2023	07/20/2023		07/20/2023	N
ENF 23-0632	CORUNNA AVE	2ND NOTICE SENT	FINAL NOTICE	06/26/2023	07/25/2023	08/08/2023		COMM
ENF 23-0639	N DEWEY ST	INSPECTED PROPERTY	CLOSED	06/26/2023	07/05/2023		07/05/2023	Y
ENF 23-0644	STEVENS DR	RESOLVED	CLOSED	06/27/2023	07/05/2023		07/05/2023	N
ENF 23-0650	S OAK ST	LETTER SENT	RECHECK SCHEDULED	06/28/2023	07/24/2023	08/02/2023		N
ENF 23-0660	N DEWEY ST	RESOLVED	CLOSED	07/05/2023	07/25/2023		07/25/2023	N
ENF 23-0664	RANDOLPH ST	RESOLVED	CLOSED	07/10/2023	07/17/2023		07/17/2023	N
ENF 23-0672	N SHIAWASSEE ST	RESOLVED	CLOSED	07/10/2023	07/24/2023		07/24/2023	Y
ENF 23-0699	ALGER AVE	LETTER SENT	CONTRACTOR TO MOW	07/12/2023	07/25/2023	08/08/2023		VAC
ENF 23-0707	N CHIPMAN ST	RESOLVED	CLOSED	07/13/2023	07/24/2023		07/24/2023	N
ENF 23-0717	S CHIPMAN ST	HOMEOWNER CALLED IN	RECHECK SCHEDULED	07/17/2023	07/24/2023	09/18/2023		N
ENF 23-0718	W KING ST	INSPECTED PROPERTY	PARTIALLY RESOLVED	07/17/2023	07/31/2023	08/07/2023		Y
ENF 23-0728	GENESEE ST	RESOLVED	CLOSED	07/18/2023	07/25/2023		07/25/2023	Y
ENF 23-0734	N WATER ST	RESOLVED	CLOSED	07/18/2023	07/18/2023		07/18/2023	Y
ENF 23-0759	AMENT ST	RESOLVED	CLOSED	07/24/2023	07/24/2023		07/24/2023	
ENF 23-0763	N DEWEY ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/24/2023	07/31/2023	08/07/2023		N

08/01/23

Code Enforcement Activity

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JULY 2023

Enf. Number	Address		Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0766	COVENTRY AVE		HOMEOWNER CALLED IN	RECHECK SCHEDULED	07/25/2023	07/27/2023	08/31/2023		N
ENF 23-0767	RIVER ST		2ND NOTICE SENT	RECHECK SCHEDULED	07/25/2023	08/01/2023	08/08/2023		Y
Total Entries					62				
NO BUILDING PERMIT									
ENF 23-0272	ORCHARD ST		INSPECTED PROPERTY	RECHECK SCHEDULED	04/03/2023	07/06/2023	08/03/2023		N
ENF 23-0540	E	EXCHANGE ST	RESOLVED	CLOSED	06/06/2023	07/12/2023		07/12/2023	VAC
ENF 23-0646	WILLOW SPRINGS DR		OBTAINED PERMIT	CLOSED	06/28/2023	07/03/2023		07/03/2023	N
ENF 23-0649	GRAND AVE		OBTAINED PERMIT	CLOSED	06/28/2023	07/05/2023		07/05/2023	Y
ENF 23-0683	CAMPBELL DR		INSPECTED PROPERTY	CONTACT WITH HOMEOWNER	07/11/2023	07/25/2023	08/08/2023		N
ENF 23-0747	LYNN ST		INSPECTED PROPERTY	RECHECK SCHEDULED	07/19/2023	08/01/2023	08/15/2023		N
Total Entries					6				
NO POOL PERMIT									
ENF 23-0694	W	KING ST	INSPECTED PROPERTY	RECHECK SCHEDULED	07/11/2023	07/25/2023	08/08/2023		N
Total Entries					1				
RENTAL REGISTRATION									
ENF 23-0344	N	SAGINAW ST	NOT A RENTAL	CLOSED	04/28/2023	07/07/2023		07/07/2023	Y
ENF 23-0456	LYNN ST		INSPECTED PROPERTY	RECHECK SCHEDULED	05/18/2023	07/26/2023	08/24/2023		Y
ENF 23-0492	S	CHIPMAN	INSPECTED PROPERTY	LETTER SENT	05/25/2023	07/24/2023	08/31/2023		COMM
Total Entries					3				
ROW VIOLATIONS									
ENF 23-0656	N	WASHINGTON ST	INSPECTED PROPERTY	RECHECK SCHEDULED	06/29/2023	07/20/2023	08/03/2023		N
ENF 23-0790	S	BALL ST	LETTER SENT	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/07/2023		N



Code Enforcement Activity

JULY 2023

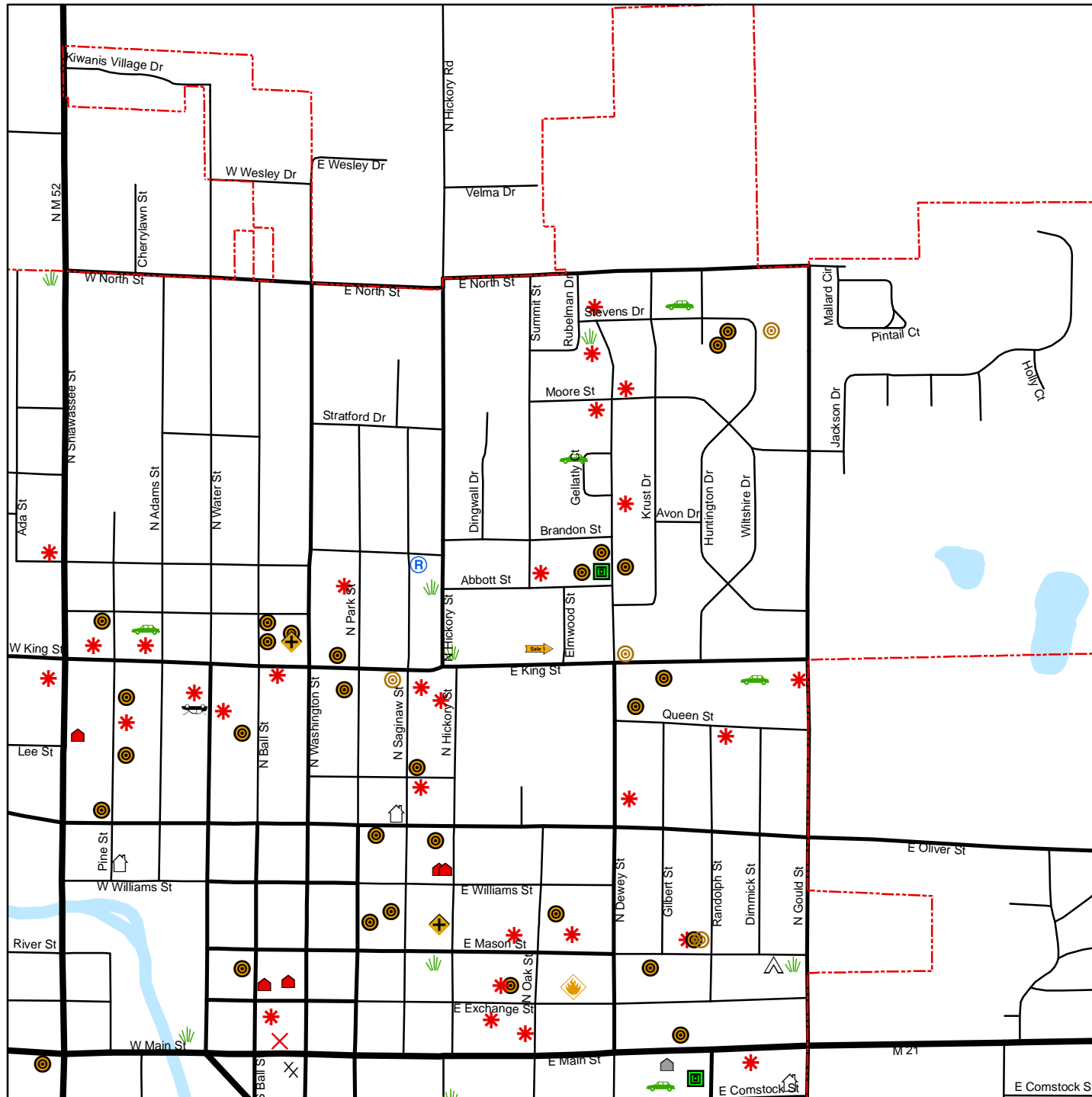
Enf. Number	Address	Previous Status	Current Status	Filed	Last Action Date	Next Action Date	Date Closed	Rental
ENF 23-0773	PINE ST	LETTER SENT	RECHECK SCHEDULED	07/25/2023	07/25/2023	08/29/2023		VAC
ENF 23-0802	MARTIN ST	RESOLVED	CLOSED	07/31/2023	07/31/2023		07/31/2023	Y
Total Entries				2				
VACANT STRUCTURES								
ENF 20-0755	CARMODY ST	INSPECTED PROPERTY	REF TO CITY ATTY	09/18/2020	07/26/2023	09/20/2023		VAC
ENF 20-0758	PEARCE ST	INSPECTED PROPERTY	RECHECK SCHEDULED	09/18/2020	07/13/2023	09/14/2023		VAC
Total Entries				2				
WINDOWS								
ENF 23-0095	BROADWAY AVE	INSPECTED PROPERTY	FINAL NOTICE	01/30/2023	07/24/2023	09/20/2023		N
Total Entries				1				
ZONING								
ENF 20-0866	STATE ST	INSPECTED PROPERTY	REF TO CITY ATTY	10/20/2020	07/12/2023	08/14/2023		COMM
ENF 23-0794	CORUNNA AVE	INSPECTED PROPERTY	RECHECK SCHEDULED	07/27/2023	07/27/2023	08/09/2023		Y
Total Entries				2				
Total Records:		335			Total Pages:		20	



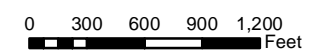
# City of Owosso

## Code Enforcement Activity July 2023

NE Quadrant



### NW Quadrant


























# City of Owosso

## Code Enforcement Activity




### July 2023

### SE Quadrant

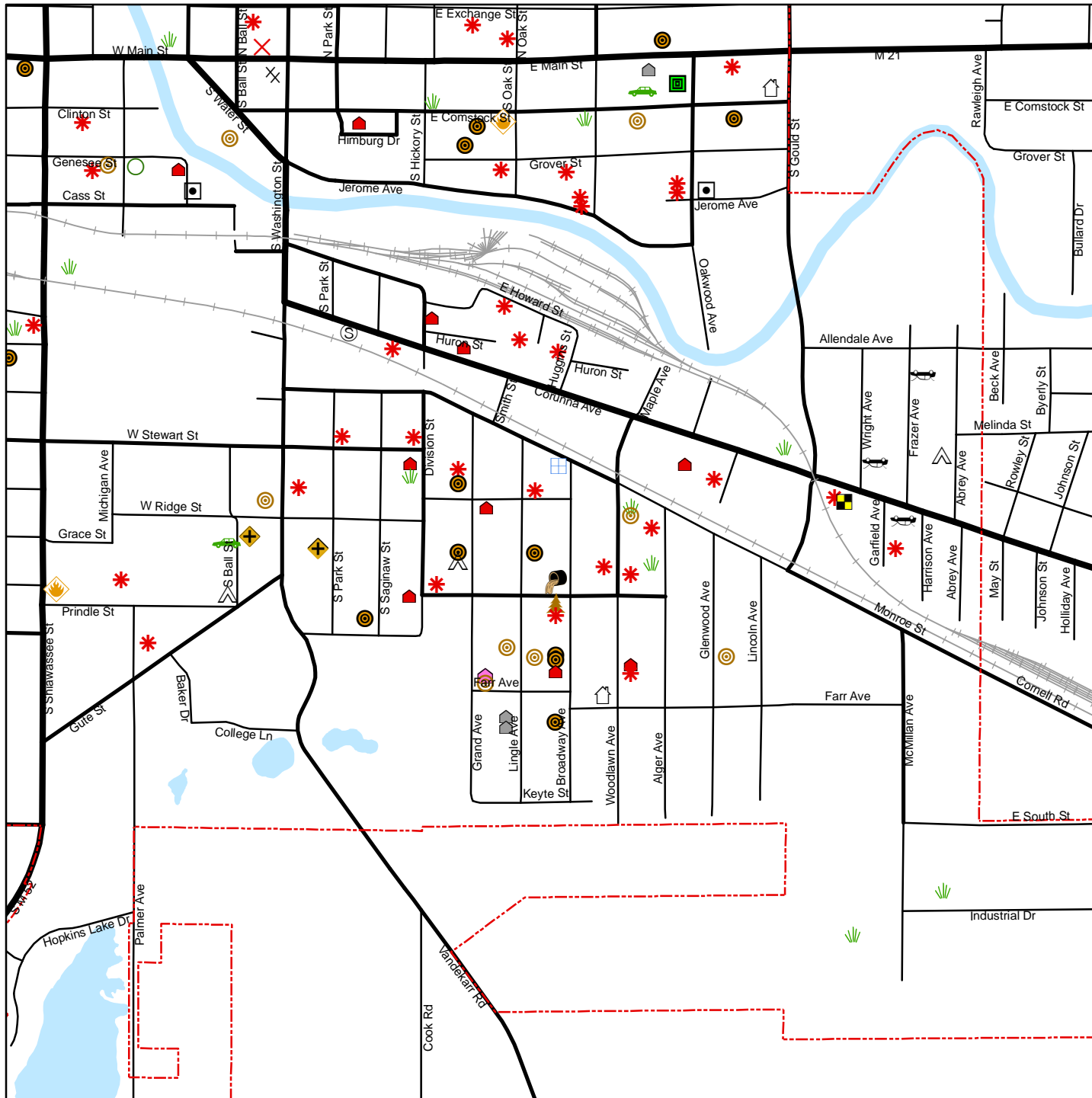
#### Category

-  Accessory Structures
-  Appliances
-  Auto Repair/Junk Vehicle
-  Building Viol
-  Dead Tree
-  Demo By Neglect HDC
-  Drain Issues
-  Exterior Paint/Siding
-  Fence Violation
-  Fire Damage
-  Front Yard Parking
-  Furniture Outside
-  Garbage & Debris
-  Garbage/Junk In ROW
-  Lawn Maintenance
-  Multiple Violations
-  No Building Permit
-  ROW Violations
-  Scrapping Materials
-  Sewer Discharge
-  Temporary Structures
-  Windows
-  Zoning

#### Other Features

-  City Limit
-  Railroads
-  River & Lakes

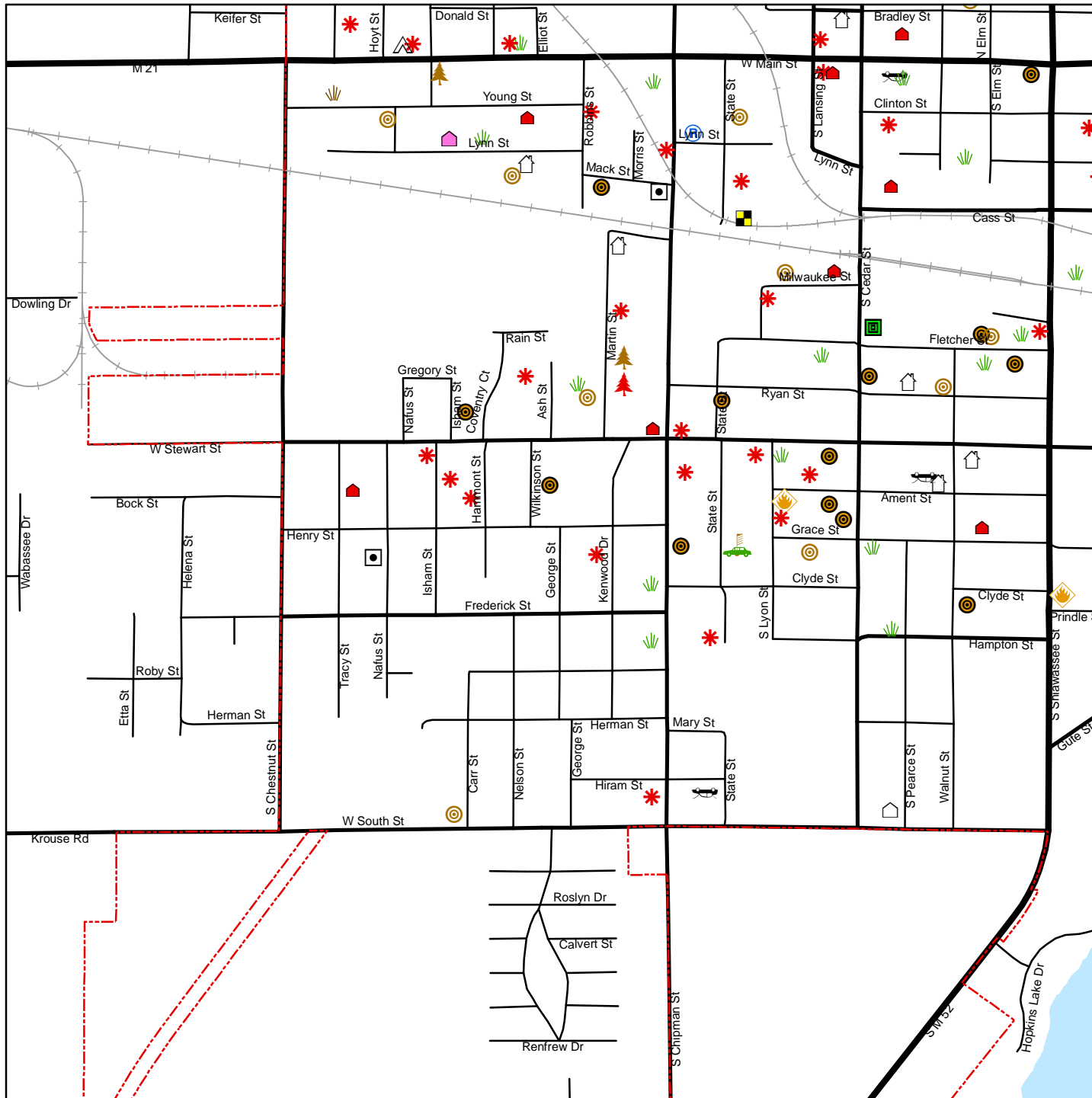
0 300 600 900 1,200 Feet



# City of Owosso

## Code Enforcement Activity July 2023

### SW Quadrant



#### Category

- Appliances
- Auto Repair/Junk Vehicle
- Brush
- Building Viol
- Chickens
- Dead Tree
- Exterior Paint/Siding
- Fire Damage
- Front Yard Parking
- Furniture Outside
- Garbage & Debris
- Garbage/Junk In ROW
- Lawn Maintenance
- Multiple Violations
- No Building Permit
- Rental Registration
- Temporary Structures
- Tree Violations
- Vacant Structures
- Zoning

#### Other Features

- City Limit
- Railroads
- River & Lakes

0 300 600 900 1,200 Feet



**Monthly Inspection List  
JULY 2023**

BOOTH, MARK	MECHANICAL & PLUMBING INSPECTOR Total Inspections:	26
HARRIS, JON	ELECTRICAL INSPECTOR Total Inspections:	22
HISSONG, BRAD	BUILDING OFFICIAL Total Inspections:	89
FREEMAN, GREG	CODE ENFORCEMENT Total Inspections:	210
MAYBAUGH, BRAD	CODE ENFORCEMENT Total Inspections:	208
Grand Total Inspections:		555



**CERTIFICATES & LICENSES ISSUED BY MONTH FOR 2023**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>ADULT USE RECREATIONAL RETAIL</b>												
				1	1							2
				\$5,000	\$5,000							\$10,000
<b>AMPHITHEATER</b>												
				1								1
				\$50								\$50
<b>BENTLEY PARK RENTAL</b>												
11	6	8	5	11	1							42
\$300	\$150	\$225	\$150	\$300	\$25							\$1,150
<b>EXCESS MARIHUANA GROWER</b>												
												0
												\$0
<b>GROWER LICENSE (Medical)</b>												
	1											1
	\$5,000											\$5,000
<b>HARMON PATRIDGE PARK RENTAL</b>												
3	2	1	4	16	6	7						39
\$75	\$50	\$50	\$100	\$500	\$175	\$175						\$1,125
<b>MOBILE FOOD VENDING (Food Truck License)</b>												
					1							1
					150							\$150
<b>PROCESSOR LICENSE</b>												
1												1
\$5,000												\$5,000
<b>PROVISIONING CENTER</b>												
				1	1							2
				\$5,000	\$5,000							\$10,000
<b>RECREATIONAL GROW</b>												
	1					1						2
	\$5,000					\$5,000						\$10,000
<b>RENTAL (Renewals)</b>												
2	1	4	0	6		2						15
\$100	\$150	\$200		\$300		\$200						\$950
<b>RENTAL REGISTRATIONS (New)</b>												
1	3	4	1	2	5							16
\$50	\$100	\$150	\$50	\$100	\$550							\$1,000
<b>RESIDENTIAL DESIGNATED PARKING</b>												
1					1							2
\$840					\$840							\$1,680
<b>TOTALS:</b>												
19	14	17	10	38	16	10	0	0	0	0	0	124
\$6,365	\$10,450	\$625	\$300	\$11,250	\$11,740	\$5,375	\$0	\$0	\$0	\$0	\$0	\$46,105



# OWOSSO POLICE DEPARTMENT

202 S. WATER ST. • OWOSSO, MICHIGAN 48867-2958 • (989) 725-0580 • FAX (989) 725-0528

## MEMORANDUM

DATE: 16 August 2023  
TO: Owosso City Council  
FROM: Eric E. Cherry  
Police Department Captain  
RE: July 2023 Police Activity Report

### *Master Plan Goal 3.1, 3.2*

*The Investigative Services Bureau attended the monthly multidisciplinary meeting for all forensic interviews conducted. This is where investigators, CPS, Voices for Children and Shiawassee County Prosecutors discuss where each case is at of the reported sexual assault investigations.*

*The Police Department Investigative Services Bureau assisted with a Shiawassee County Human Oppression Team (SHOT) Operation, (2) two arrests were made.*

*The members involved in the COSSUP grant attended a state-wide meeting for all COSSUP participants, which was beneficial to the start-up of our program. They also shadowed the program in the Muskegon area.*

### **July - 5 YEAR AVERAGE**

	2019-Jul	2020-Jul	2021-Jul	2022-Jul	2023-Jul	Jul 5YR AVG
Part I Crimes	20	20	30	30	30	26
Part II Crimes	90	101	77	86	111	93
Violent Crimes	4	5	8	12	12	8.2
Total Reports	156	161	151	152	202	164.4
Felony Arrests	8	5	9	12	10	8.8
Total Arrests	46	21	23	35	45	34
Traffic Stops	52	53	30	36	82	50.6
All Dispatched Events	744	722	838	882	903	817.8

**LAST 12 MONTHS**

	2022- Aug	2022- Sep	2022- Oct	2022- Nov	2022- Dec	2023- Jan	2023- Feb	2022- Mar	2023- Apr	2023- May	2023- Jun	2023- Jul	Last 12 Months	Average
Part I Crimes	33	31	26	30	15	20	16	26	23	31	34	30	315	26.25
Part II Crimes	103	99	85	83	78	71	71	96	95	129	85	111	1,106	92.17
Violent Crimes	11	9	9	11	3	5	5	4	7	6	11	12	93	7.75
Total Reports	186	171	168	171	151	141	133	170	183	194	179	202	2,049	170.75
Felony Arrests	13	5	13	7	2	8	7	8	5	6	6	10	90	7.5
Total Arrests	46	38	42	48	35	44	33	39	31	40	36	45	477	39.75
Traffic Stops	49	65	52	197	192	213	222	130	151	78	58	82	1,489	124.08
All Dispatched Events	943	1132	1032	1167	991	1071	1006	969	1004	1061	898	903	12,177	1014.75



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# *MEMORANDUM*

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DATE: August 4, 2023

TO: Owosso City Council

FROM: Kevin Lenkart  
Director of Public Safety

RE: July 2023 Fire & Ambulance Report

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Attached are the statistics for the Owosso Fire Department (OFD) for July 2023. The Owosso Fire Department responded to 258 incidents in the month of July.

OFD responded to 31 fire calls and responded to 227 EMS calls.

Previous Month ▾

Jul 1, 2023 - Jul 31, 2023 ▾

12%

FIRE

Percentage of Total Incidents

88%

EMS

Percentage of Total Incidents

258

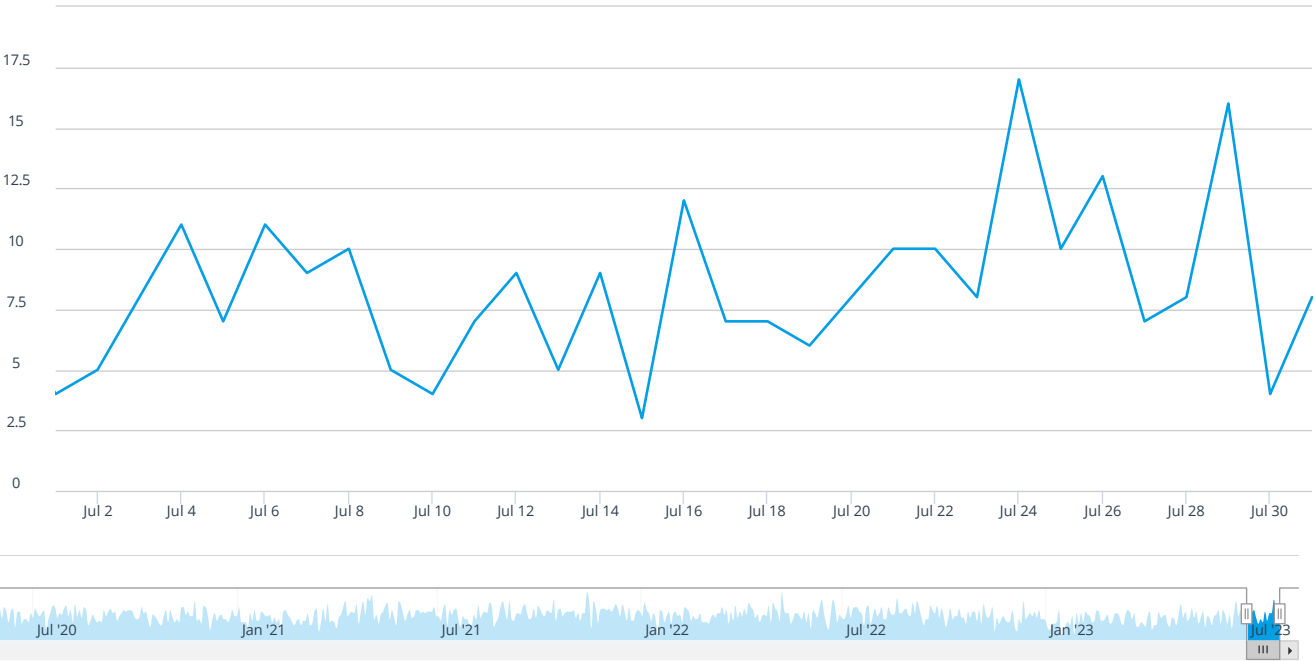
INCIDENTS

In Selected Time Slice

31

DAYS

In Selected Time Slice



Counts % Rows % Columns % All

Week Ending	7/2/23	7/9/23	7/16/23	7/23/23	7/30/23	8/6/23	8/13/23	8/20/23	8/27/23	9/3/23	9/10/23	9/17/23	9/24/23	Total
(11) Structure Fire		1	2		1									4
(14) Natural vegetation fire				1										1
(30) Rescue, emergency medical call (EMS), other				1										1
(32) Emergency medical service (EMS) incident	8	58	40	48	65	8								227
(36) Water or ice-related rescue		1												1
(41) Combustible/f... spills & leaks			1											1
(42) Chemical release, reaction, or toxic condition				1										1
(44) Electrical wiring/equipm.. problem	1		2	2	2									7
(55) Public service assistance			2											2
(61) Dispatched and canceled en route			1	1	3									5
(63) Controlled burning				1										1
(65) Steam, other gas mistaken for smoke				1	1									2
(74) Unintentional system/detect... operation (no fire)		1	1		3									5
Total	9	61	49	56	75	8								258



**REGULAR MEETING MINUTES OF THE  
DOWNTOWN DEVELOPMENT AUTHORITY/OWOSSO MAIN STREET  
CITY OF OWOSSO**

**August 2, 2023, AT 7:30 A.M.**

**CALL TO ORDER:** The meeting was called to order by Chair Jon Moore at 7:47 A.M.

**ROLL CALL:** Taken by Chair Jon Moore

**PRESENT:** Chair Jon Moore, Vice-Chair Lance Omer, Commissioners Josh Ardelean, Melissa Wheeler and Emily Olson

**ABSENT:** Commissioners Bill Gilbert, Nicole Reyna and Mayor Robert J. Teich, Jr. Commissioner Wheeler left at 8:42 A.M. Commissioner Ardelean left at 9:00 A.M.

**OTHERS PRESENT:** Lizzie Fredrick, DDA/OMS Director and Nick Bruckman, AmeriCorps Member

**AGENDA:**

**MOVED BY WHEELER, SUPPORTED BY OLSON TO APPROVE THE AUGUST 2, 2023 DDA/OMS AGENDA AS PRESENTED.**

**AYES: ALL  
MOTION CARRIED**

**MINUTES:**

**MOVED BY OLSON, SUPPORTED BY ARDELEAN TO APPROVE THE JUNE 7, 2023 DDA/OMS ANNUAL MEETING MINUTES.**

**AYE: ALL  
MOTION CARRIED**

**MINUTES:**

**MOVED BY OLSON, SUPPORTED BY OMER TO APPROVE THE JULY 18, 2023 DDA/OMS SPECIAL MEETING MINUTES.**

**AYE: ALL  
MOTION CARRIED**

**PUBLIC COMMENTS:** None.

**ITEMS OF BUSINESS:**

1. **CHECK REGISTER JUNE-JULY 2023:** Fredrick reviewed the check register and highlighted expenses related to the Vibrancy Grant.

**MOVED BY WHEELER, SUPPORTED BY ARDELEAN TO APPROVE THE CHECK REGISTER AS PRESENTED FOR JUNE AND JULY 2023.**

**AYES: ALL  
MOTION CARRIED**

2. **REVENUE AND EXPENDITURE REPORTS:** Fredrick reviewed the Revenue and Expenditure Report and answered questions.

3. **DELINQUENT LOAN REPORT:** Fredrick reviewed the Delinquent Loan Report and answered questions.

Wheeler asked about Revolving Loan Fund payment methods.

Omer noted that he would like to see more rigorous standards and consequences with future RLF loans.

4. **CHARGEPOINT REPORT:** Moore reviewed the ChargePoint Report and outlined ongoing challenges with the Electric Vehicle Charging Stations.

Fredrick noted current steps she is taking to remedy EV charging reliability issues.

5. **SOCIAL MEDIA ANALYTICS:** Fredrick reviewed the June and July social media analytics.

6. **OMS COMMITTEE STRUCTURE:** Fredrick answered questions about chair and committee structures and noted Committee requirements from the DDA/OMS Bylaws and Michigan Main Street Program.

Olson asked about Board involvement in OMS committees, noting the value of OMS board member engagement.

Ardelean outlined past challenges for OMS with volunteer committees.

Wheeler shared ideas to increase committee participation through local business owner involvement.

Moore proposed a special meeting to discuss OMS committees.

#### **COMMITTEE UPDATES:**

1. **Design:** Fredrick updated the Board on the Design Committee's Fall Beautification Program, which will benefit the Pocket Park, Rusted Tree planter bed and Welcome to Downtown Owosso signs.
2. **Promotion:** Olson provided an overview of OatFest financials, attendance and event programming including concepts for future events celebrating art.

Fredrick shared that she will be teaching two free yoga classes at the amphitheater and that she is working with Brian Atkins from Home Field Michigan Real Estate Consultants on Mini Golf Madness, a free putt-putt event, scheduled for Friday, September 15, 2023.

3. **Organization:** Moore notified the Board that they received an application for the Resident Board Member vacancy.

Fredrick provided updates on Downtown Owosso website needs and the creation of a monthly community newsletter.

4. **Economic Vitality:** Omer shared that the Grow with Google Workshop had great attendance.

Fredrick provided updates on plans for a Downtown Business Owner Meet-Up and a second Grow with Google Workshop for downtown businesses.

**BOARD CONTINUING EDUCATION/INFORMATION:** Fredrick noted that Michigan Main Street will be meeting with OMS for accreditation review on October 31, 2023.

Moore shared that he participates in monthly Michigan Main Street meeting for Board Chairs.

**DIRECTOR UPDATES:** Fredrick asked the Board to individually complete the remainder of their Michigan Main Street Self-Assessment and submit their scores via email.

Fredrick shared that Michigan Main Street has selected OMS to be a part of a Retail Merchandising pilot program, where six businesses will meet with a retail merchandising consultant. Fredrick noted that businesses were selected on a first-come-first serve basis.

**BOARD COMMENTS:** None.

**ADJOURNMENT:**

**MOVED BY MOORE, SUPPORTED BY OMER TO ADJOURN AT 9:10 A.M.**

**AYES: ALL**

**MOTION CARRIED**

**NEXT MEETING SEPTEMBER 6, 2023.**



### **Regular Meeting of the Owosso Historical Commission**

#### **Minutes of August 15, 2023 – 6:00 P.M. at Owosso City Hall**

PRESIDING OFFICER: Chair Mark Erickson

MEMBERS PRESENT: Commissioners Elaine Greenway, Lance Little, Bill Moull, and Susan Osika.

MEMBERS ABSENT: Commissioners Debra Adams and Robert Hooper.

OTHERS PRESENT: Amy Fuller, Assistant City Manager, Denice Grace, Castle Docent

CHAIR ERICKSON CALLED THE MEETING TO ORDER AT 6:00 P.M.

#### **APPROVE MINUTES – July 10, 2023**

Motion by Commissioner Osika to approve minutes as presented, supported by Commissioner Moull.

Passed by voice vote.

#### **APPROVE AGENDA – August 15, 2023**

Motion by Commissioner Little to approve agenda with the addition of the Home Tour as an item of business, supported by Commissioner Greenway.

Passed by voice vote.

#### **ITEMS OF BUSINESS**

Castle 100<sup>th</sup> Anniversary: Commissioner Greenway shared that both the wine and cheese event and the princess tea event were a success. There was discussion on the ice cream social on Sept. 9 and the Roaring 20's Party on Dec. 9.

Home Tour 2024: Commissioner Osika shared updates on the Home Tour planning. The next committee meeting is August 28<sup>th</sup>.

#### **FINANCIAL REVIEW AND DISCUSSION:**

Amy Fuller provided a summary of the current and past year's revenue and expense reports as well as the cash balance. She also shared updates on the Castle Chimney repairs, Gould House garden project, Gould House gutters and handrails.

**PUBLIC COMMENT PERIOD**

Denice Grace suggested each Commissioner provide one ice cream topping for the ice cream social.

**COMMISSIONER COMMENTS**

Commissioner Little shared information about Keweenaw Time Traveler.

**ADJOURNMENT**

Commissioner Little moved to adjourn the meeting. Commissioner Moull supported. The voice vote was unanimous to adjourn the meeting at 7:07 P.M.

Respectfully submitted by:  
Amy Fuller, Assistant City Manager