

**Office of the Clerk/Treasurer**

W240N3065 Pewaukee Road  
Pewaukee, WI 53072  
(262) 691-0770 Fax 691-1798

**~ THIRD REVISED AGENDA ~**

**COMMON COUNCIL  
MEETING NOTICE AND AGENDA**

**Monday, April 15, 2024**

**6:30 PM**

Common Council Chambers ~ Pewaukee City Hall  
W240 N3065 Pewaukee Road ~ Pewaukee Wisconsin

- 
1. Call to Order and Pledge of Allegiance
  2. Public Comment - Please limit your comments to two (2) minutes, if further time for discussion is needed please contact your District Alderperson prior to the meeting.
  3. Discussion and Possible Action Regarding the Special Event Permit Request by Craig Werner of Mug Sholtz Located at W270 N2793 Elm Avenue to Hold His Wedding Reception on Saturday, July 13, 2024 [Tarczewski]
  4. Discussion and Possible Action Regarding the Annual NR216 Report [Wagner]
  5. Discussion and Possible Action Regarding the Awarding the Springdale Estates Drainage Easement Project to the Lowest Qualified Bidder, Ridge Excavating, LLC in the Amount of \$295,323.70 [Wagner]
  6. Discussion and Possible Action Regarding Ancient Oaks Early Grading and Fill Agreement and Establishing the Guarantee Value at \$138,000 [Wagner].
  7. Discussion and Possible Action to Dissolve the Bike & Pedestrian Committee and Incorporate Its Oversight to the Public Works Committee [Mayor Bierce].
  8. Discussion and Possible Action to Make Various Appointments to the City's Committees, Commissions and Boards [Mayor Bierce]
  9. Discussion and Possible Action Regarding the Accounts Payable Listing Dated April 15, 2025 [Tarczewski]
  10. Swear In Elected Officials (Attorney Riffle)
    - 9.1 Phil Vetterkind - Alderman District #1
    - 9.2 Spencer Tabbert - Alderman District #2
    - 9.3 Jerry Wamser - Alderman District #3
  11. Public Comment - Please limit your comments to two (2) minutes, if further time for discussion is needed please contact your district Alderperson prior to the meeting.
  12. Closed Session – You are hereby notified that the Common Council and staff of the City of Pewaukee will convene into closed session after all regular scheduled business has been concluded

and upon motion duly made and seconded and acted upon by roll-call vote as required under §19.85(1)(a), Stats. The purpose of the closed session is for the following:

- §19.85(1)(e): Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session specifically related to the Joint Library Contract with the Village of Pewaukee.

You are further notified that at the conclusion of the Closed Session, the Common Council may convene into open session pursuant to 19.85(2), Stats., for possible additional discussion and action concerning any matters discussed in closed session and for adjournment.

### 13. Adjournment

Kelly Tarczewski  
Clerk/Treasurer

April 12, 2024 5:00 p.m.

### NOTICE

It is possible that members of other governmental bodies of the municipality may be in attendance to gather information that may form a quorum. At the above stated meeting, no action will be taken by any governmental body other than the governmental body specifically referred to above in this notice.

Any person who has a qualifying disability under the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible format must contact the Clerk/Treasurer, Kelly Tarczewski, at (262) 691-0770 three business days prior to the meeting so that arrangements may be made to accommodate your request.

**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 3.**

**DATE:** April 15, 2024

**DEPARTMENT:** Clerk/Treasurer

**PROVIDED BY:**

***SUBJECT:***

Discussion and Possible Action Regarding the Special Event Permit Request by Craig Werner of Mug Shotz Located at W270 N2793 Elm Avenue to Hold His Wedding Reception on Saturday, July 13, 2024 [Tarczewski]

***BACKGROUND:***

***FINANCIAL IMPACT:***

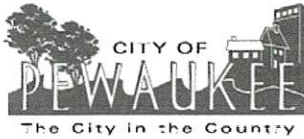
***RECOMMENDED MOTION:***

**ATTACHMENTS:**

Description

Werner Special Event Application

updated map



W240 N3065 Pewaukee Road  
Pewaukee, WI 53072  
262-691-0770, FAX: 262-691-1798  
[www.cityofpewaukee.us](http://www.cityofpewaukee.us)

## SPECIAL EVENT PERMIT APPLICATION

RECEIVED  
MAR 29 2024  
May 2012  
OFFICE OF THE  
CLERK/TREASURER

Permit approved	_____	Date	_____
Permit fees paid	_____	Date	_____
Deposit paid	_____	Date	_____
Deposit returned?	_____	Date	_____
<b>FEES ARE NON-REFUNDABLE</b>			

**APPLICATION AND PERMIT FEE IS DUE 90 DAYS PRIOR TO YOUR EVENT.**

### ORGANIZATION INFORMATION

Name of Organization <u>Mugshotz Bar &amp; Grill</u>			
Street Address <u>W270N2793 Elm Ave</u>	City <u>Pewaukee</u>	State <u>WI</u>	Zip <u>53072</u>
Phone Number <u>262-691-4177</u>	Are you a 501(c)3 Organization? Circle one		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Event Contact Person (First & Last Name) <u>Craig Werner</u>			
Address <u>W268N2780 Water St</u>	City <u>Pewaukee</u>	State <u>WI</u>	Zip <u>53072</u>
Email <u>mugshotzcraig@yahoo.com</u>	Phone Number <u>414-416-8065</u>	Day of Event Phone Number <u>Same</u>	

### EVENT INFORMATION

Name of Event <u>Wedding-Werner</u>		Date(s) of Event <u>July 13, 2024</u>	
Event Start Time <u>1:00 (?)</u>		Event End Time <u>10:00 PM</u>	
Location of the Event* <u>mugshotz</u>			
Will your event take place in a residential neighborhood? <i>If yes, you will be required to notify all adjacent property owners when the event will occur. Circle One</i>			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<b>You MUST attach a detailed map/sketch of your event indicating the specific location, layout of your event, the direction of the route, including all turns and the number of traffic lanes to be used.</b> <b>*If you are using a City Park, you must reserve the park through the Park/Recreation Department prior to getting your special event permit approved by the Common Council. Call 262-691-7275.</b>			
Generally describe your event and its purpose <u>Our Wedding reception</u>			
Based on the class definitions found in the manual, what class is your event? <i>Circle One.</i>		Class I	Class II
Estimated Number of Participants <u>2</u>	Spectators <u>200</u>	Vendors	



## OTHER INFORMATION

Is there an outdoor bar that will serve alcohol? <i>If yes, liquor and bartender licenses are necessary under separate application. Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Please list the number of City of Pewaukee licensed bartenders that will be on site:		10+	
Will you be selling/serving food? <i>If yes, you will need to contact the Waukesha County Health Department for proper permits. Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will you be selling merchandise? <i>If yes, you will need to obtain a Peddler's Permit under separate application. Circle One.</i>		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Will your event need electricity? <i>If yes, the Fire Department and Building Inspection Department will need to inspect prior to being energized. Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will you be setting up any lighting? <i>If yes, the Fire Department and Building Inspection Department will need to inspect prior to being energized. Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will your event require any fencing? <i>If yes, please provide plans for the fencing location and the gates. Circle One.</i>		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Does the event involve fireworks? <i>If yes, you will need to obtain a fireworks permit under separate application. Circle One.</i>		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Does the event involve amplified music? <i>Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
If yes, will the amplified music be a (Circle one) :		Band	<input checked="" type="radio"/> DJ <input type="radio"/> Other
Hours of amplified music:	4:00 3-10 PM		
Please list the number of security staff you will be providing for the event:			
Will you need barricades provided by the City for your event, if so, how many?		?	
Will you be erecting any tents, canopies or other temporary structure(s)? <i>If yes, You will need to provide a plan for their proposed locations and the Fire Department and Building Inspection Department will need to inspect these structures prior to the start of your event. Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Will you be providing portable restrooms and wash stations? <i>Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
<i>If yes, how many will you provide and where will they be located? Also how will solid waste be disposed of?</i> 3-4, in parking lot, through the porta john company			
Will you provide parking for participants? <i>Circle One.</i>		<input type="radio"/> Yes	<input type="radio"/> No
<i>If yes, where will parking be available?</i>  			
Will you provide a dumpster/clean-up services? <i>Circle One.</i>		<input checked="" type="radio"/> Yes	<input type="radio"/> No
<i>If yes, please describe your clean-up and refuse collection plan.</i> Our Dumpsters			

**OTHER INFORMATION CONTINUED**

What other assistance do you foresee needing from the City (personnel, materials, and/or equipment)?

*None at this Time*

Have you reviewed and do you have a copy of the **City of Pewaukee Special Events Manual** as well as the **City Special Events Ordinance**? *Circle One.*

☒ Yes

☐ No

**INSURANCE REQUIREMENTS**

The Special Event Sponsor will obtain liability insurance for an event that includes alcohol, has more than 150 people per day or involves a road closure. Proof of this insurance with coverage no less than \$1,000,000 which names and endorses the City, its officers, agents, employees and contractors as an additional insured party is due no later than 20 days before the event.

Are you able to provide these insurance documents, if required? *Circle One.*

☒ Yes

☐ No

**DEPOSIT REQUIREMENTS**

The applicant may be required to submit to the City a cleaning/damage deposit of \$200 per day for each scheduled day of the event (or portion thereof), two weeks prior to the starting date of the event. The deposit shall be refunded to applicant, if, upon inspection, all is in order, or a prorated portion thereof as may be necessary to reimburse the City for loss or cleaning costs. The City reserves the right to retain the entire deposit if cleanup is not completed satisfactorily in the time frame as specified in the permit. Unless otherwise stated in the permit, the applicant shall be fully responsible for all necessary cleanup associated with the permitted event to be completed within twelve (12) hours after the conclusion of the event. (This deposit is separate from any deposit required by the Park/Recreation Department for park use).

**TERMINATION OF AN EVENT**

The City reserves the right to shut down a special event that is in progress if it is deemed to be a public safety hazard by Police Services and/or Fire Department and/or there is a violation of City Ordinances, State Statutes or the terms of the Applicant's permit. The City Administrator and/or his/her designee may revoke an approved Special Events Permit if the applicant fails to comply in good faith with the provisions of the permit prior to the event date.

By signing this form, the applicant certifies authorization to act on behalf of their organization and hereby agrees to hold the City, its officers, employees, agents and contractors, harmless against all claims, liability, loss, damage or expense (including but not limited to actual attorney's fees) incurred by the City for any damage or injury to person or property caused by or resulting directly or indirectly from the activities for which the permit is granted. Any change to coverage requires City approval.

  
Signature of Applicant

*3/14/23*  
Date

**For staff use only**

Fees collected with application submission:

☐ Class I Event  
☐ Class II Event  
☐ PERMIT FEES CHARGED

Common Council approval, if necessary, on:

Police Services approval\*:

Application forwarded to:

- ☐ Administrator  
☐ Building Inspector  
☐ Fire Chief  
☐ Park & Rec Director  
☐ Police Services  
☐ Public Works Director

Fire Department approval\*:

Add'l fees charged by Departments

☐ Administration  
☐ Building Inspection  
☐ Fire  
☐ Public Works  
☐ Police Services  
☐ Security Deposit

\*Comments/concerns should be attached separately

Rev 2/14/13

MUGSHOTZ

Rest  
Rooms

Parking  
Lot

TENT

Food  
&  
Bar

Seating  
Tables/  
Chairs

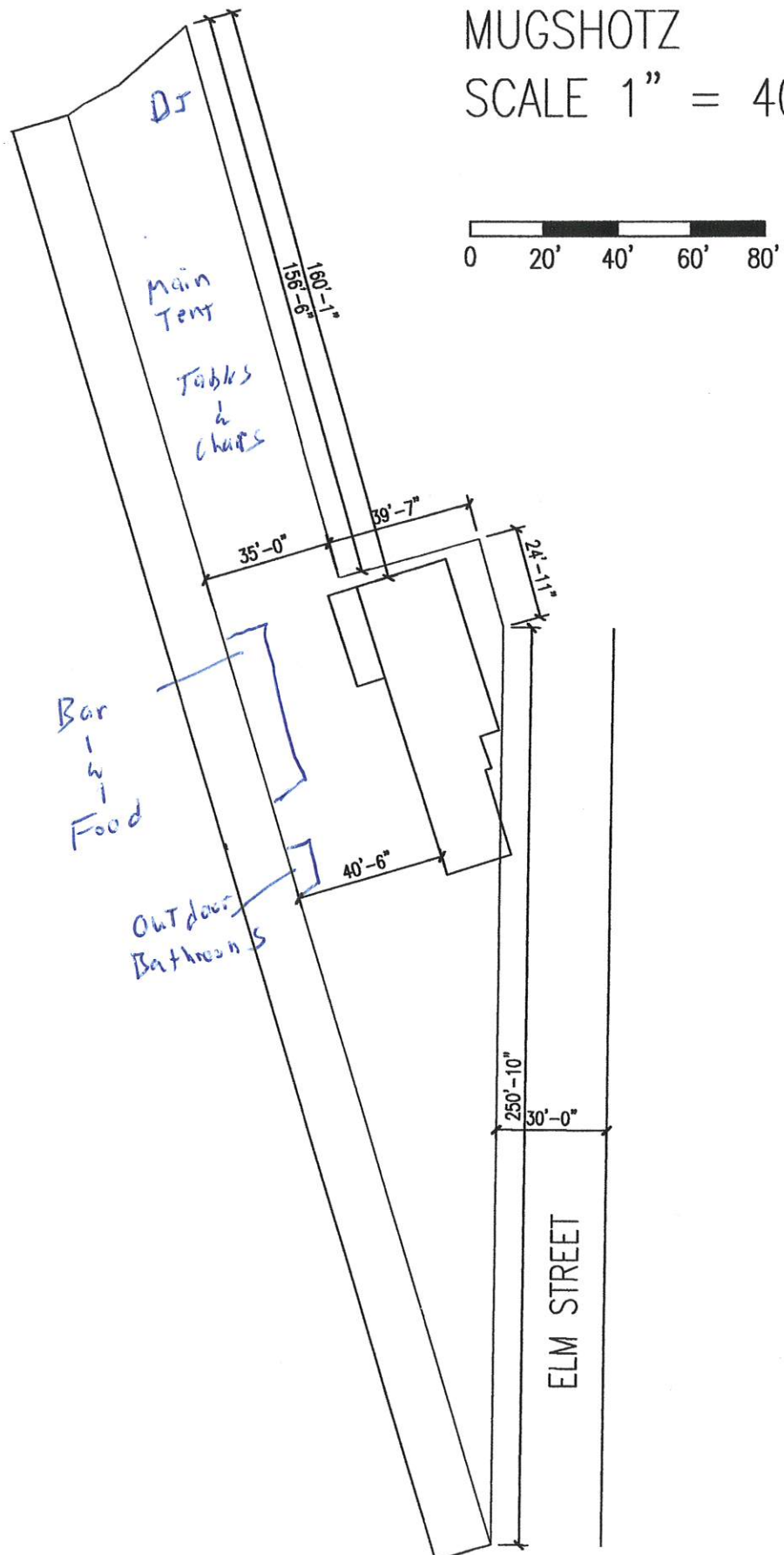
DJ  
Booth

LAKE



MUGSHOTZ

SCALE 1" = 40'-0"



**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 4.**

**DATE:** April 15, 2024

**DEPARTMENT:** PW - Stormwater

**PROVIDED BY:** Magdelene Wagner

***SUBJECT:***

Discussion and Possible Action Regarding the Annual NR216 Report [Wagner]

***BACKGROUND:***

The Wisconsin Department of Natural Resources (WDNR) requires we complete an annual report for our NR216 permit. Attached is our 2023 MS4 Annual Report submitted to the WDNR on March 27, 2024.

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***

No motion required.

**ATTACHMENTS:**

Description

Summary of Annual Report

NR216 Annual Report



**Department of Public Works  
Engineering Division**

W240N3065 Pewaukee Road  
Pewaukee, WI 53072  
(262) 691-0804 Fax: (262) 691-5720

## Memorandum

**To:** Magdelene Wagner, P.E.  
**From:** Richard J. Wirtz, P.E., CFM  
**Subject:** City of Pewaukee Annual MS4 Report for 2023  
**Date:** March 27, 2024

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The Wisconsin Department of Natural Resources changed the format of the annual report to an electronic filing process as of 2017. The eReporting system provides the WDNR with a standardized method and form for receiving reports from permitted communities who must report on specific program components and the measurable goals of their permit. However, this standardized method of reporting may not provide enough information or clarity to interested residents or elected officials who are unfamiliar with the programs and processes required by the City's MS4 permit. As in previous reporting cycles, we are providing a brief summary report and supporting data to be posted on the City's website and provided to members of the Public Works Committee and Common Council which briefly describes the major components of the City's permit, the measurable goals of these components, the results achieved during the reporting year and any recommended changes to the programs. This summary report along with the information provided in Attachments B through F were submitted to the WDNR along with the City's eReport. A copy of the 2023 eReport filed with the WDNR is attached at the end of the summary report as Attachment A.

Highlights from the report include:

- City staff and consultants performed 422 erosion control inspections, issued four Notices of Noncompliance, issued 3 Notices of Violation, and recommended \$2500.00 dollars in fines to the Sheriff's office during the reporting year.
- The city currently owns 17 Best Management Practices (BMP's) of which 13 were inspected at least once during the reporting and three facilities repaired to correct deficiencies.
- City staff received a complaint from residents of one development regarding the condition of the sites BMP's. Staff inspected the sites 4 BMP's, issued a letter to the development's owner identifying required maintenance and met with the developments landscape committee regarding the maintenance of the BMP's.
- City staff time spent on construction site erosion control accounted for 267 hours while

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Director Magdelene Wagner, P.E.





**Department of Public Works  
Engineering Division**

W240N3065 Pewaukee Road  
Pewaukee, WI 53072

(262) 691-0804 Fax: (262) 691-5720

171 hours were spent on post construction site storm water management.

- Highway crews applied 1960 tons of salt and 4238 gallons of salt brine to city streets so far during the 2023-2024 winter season. This results in an average application of 10.3 tons per lane mile for the winter season. This is 3.3 tons less than the previous winter season.
- Highway crews removed 18 tons of material from catch basins, repaired 22 storm sewer structures, cleaned 1680 feet of roadside swales, and swept 1129 lane miles of streets removing 54.1 tons of material from city streets.
- City contracted projects accounted for approximately 5200 feet of ditch improvements, 1470 feet of new culverts, construction of a 4.7 acre dry pond, 3038 feet of storm sewer televising and cleaning, improvements to 6 storm sewer structures, 1950 feet of storm sewer lining and replacement of 918 feet of storm sewer.

CITY OF PEWAUKEE  
ANNUAL REPORT TO  
THE DEPARTMENT OF NATURAL RESOURCES

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IN ACCORDANCE WITH  
NR216 PERMIT REQUIREMENTS

SUBMITTED MARCH 27, 2024

## **Illicit Discharge Detection and Elimination/Spills Response Program**

### **Description of Program**

The purpose of the Illicit Discharge Detection and Elimination program as well as the Spills Response program is to prevent harmful substances from entering the City's Municipal Separate Storm Sewer System (MS4) and being discharged to waters of the state. The Illicit Discharge Detection and Elimination program incorporates field screening procedures of 20 major outfalls for the purpose of detecting, investigating, and eliminating discharges to the MS4 system which are not entirely composed of storm water. The Spills Response program is a procedure for responding to, investigating and remediating material spills which could enter the City's MS4 system.

### **Measurable Goals**

Perform field screening of the City's major outfalls to determine if illicit discharges are occurring, document the findings, trace any illicit discharges to the source and have the source removed. The measurable goal of the Spills Response program is to document and report on the spills reported to the city and to ensure the spills are mitigated.

### **Results Achieved**

City staff performed biannual field screening of the 20 major outfalls identified in its plan. There was one illicit discharge detected during the field screening program. A white, chalky substance was discharged to a storm sewer inlet on Ridgeview Parkway West, just upstream of outfall P23-6. The residue from the discharge was dry at the time of discovery. A review of the activities occurring in the area did not determine a likely source for the discharge and evidence of similar discharges to storm inlets in the area were not present.

The City of Pewaukee Fire Department (PFD) responded to 12 incidents involving a spill in the past reporting year; 10 of these occurred either on Waukesha County Highway or Wisconsin State Highway property, and two occurred in the City of Pewaukee. One of the incidents occurring in the City of Pewaukee involved a chemical spilled in the box of a delivery truck. The spill was estimated to be 3-4 gallons of Vortextx. MSDS sheets for the product recommended containment of small spills with oil dry and to dilute any product that was outside the truck with water at a 10 to 1 ratio. The spilled substance in the vehicle was contained with oil dry and the remainder was diluted with 750 gallons of water. The second incident was for a disabled vehicle that was supposed to have an active leak. Upon arrival no leak was found.

City Staff responded to one illicit discharge complaint during the reporting year and were made aware of three other incidents. A complaint was received in July 2023 of a concrete truck washing out to a storm inlet in the Springdale Estates Subdivision. By the time the incident was reported, it had been approximately 24 hours since the discharge had occurred. The Highway Department was contacted regarding removal of the remaining liquid contained in the inlet.

City Staff were notified of spill at a business on Cheaney Road by the Wisconsin Department of Natural Resources (WDNR) in late November 2023. Approximately 100 gallons of lube oil had spilled onto a parking lot and entered the storm sewer system. A remediation company was working with the business and the WDNR to clean up the spill.

Two sanitary sewer overflows occurred during the reporting year. The first occurred early in the morning in January 2023 on Westwood Drive and was the result of a pump failure at the downstream lift station.

Sewage backed up into a local business and out of a sampling manhole into a section of Westwood Drive. The estimated quantity of sewage was approximately 130,000 gallons. Utility staff were able to fix the pump and by the time staff from the engineering department were notified and arrived at the scene, the sewage that had overflowed into the street section had been removed. Utility staff had indicated the fire department had responded to the spill.

The second incident occurred in March 2023 on Sunny Ridge Lane when an 8-inch sewer plug left in the system from an old project (a 2011 sewer extension) caused a sewer backup and sewage to seep out of a manhole. Utility staff had a sewer cleaning contractor dislodge the plug and eliminate the back up. The estimated amount of sewage involved was approximately 1000 gallons.

**Describe Any Planned Changes to the Program**

In conjunction with the requirements stemming from the WDNR's audit of the City's MS4 program, the City entered into a contract with AECOM to prepare a city-wide comprehensive storm water management plan. The planning effort includes a re-evaluation of the IDDE dry weather screening outfalls and an updated MS4 map. The program re-evaluation will be consistent with the recommendations provided in the WDNR program guidance document 3800-2012-01. The planning effort is anticipated to be completed in late 2024.



## **Construction Site Pollutant Control**

### **Description of Program**

The city regulates land disturbing activity according to Chapters 14 and 19 of the Municipal code. Chapter 14 of the Municipal Code pertains to the design, construction, alteration, demolition and moving of buildings and structures within the city and associated land disturbing construction activities. The requirements of this chapter are regulated and enforced by the City's Building Inspection Department. Chapter 19 of the Municipal Code pertains to construction site erosion control, post construction site storm water management and illicit discharges. Regulation and enforcement of the requirements of this chapter are conducted by the City's Engineering Department. The construction site erosion control requirements of Chapter 19 of the Municipal Code are consistent with the provisions of NR 216 and the performance standards of NR 151 of the Administrative Code.

### **Measurable Goals**

The Engineering Department and its consultants review proposed developments for conformance with the erosion control requirements of Chapter 19 of the Municipal Code and issues a Certificate of Permit Coverage for development plans meeting the requirements of the ordinance. The Department and its consultants also conduct weekly and post 0.5-inch rainfall event compliance inspections of permitted construction sites for the purpose of maintaining compliance with Chapter 19 of the Municipal Code. A report is generated for each inspection performed and provided to the owner/designated representatives of the permitted site. The compliance inspection reports detail any maintenance to be performed, deficiencies noted and/or additional BMPs required to maintain compliance. Sites which are out of compliance are subject to enforcement which can include issuing Notices of Noncompliance, Notices of Violation, issuing fines, posting stop work orders, requiring enforcement conferences and revoking permits.

The Building Inspection Department issues erosion control permits for land disturbing construction activities associated with buildings and structures. Inspections of the erosion control best management practices are performed on sites with disturbances less than 1 acre in area. Inspections are performed each time the Building Inspector is on a site having an erosion control permit.

### **Results Achieved**

The Engineering Department issued five erosion control permits for new development and conducted approximately 422 compliance inspections in 2023. Four Notices of Noncompliance and three Notices of Violation were issued during the reporting year. This resulted in recommendations for fines of approximately \$2500.00. City Staff (not including consultant time) spent approximately 267 hours conducting inspections, reviewing erosion control plans and reports, and enforcing the City's erosion control ordinance.

The Building Inspection Department conducted approximately 171 erosion control inspections in 2023.

### **Describe Any Planned Changes to the Program**

None at this time.

## **Post-Construction Site Storm Water Management**

### **Description of Program**

The city regulates post-construction site storm water management according to Chapter 19 of the Municipal code. The post-construction storm water management requirements are compliant with the applicable provisions of NR 216 and the performance standards contained in NR 151 of the Administrative Code regarding infiltration and TSS reductions. However, the City's ordinance is more restrictive than the performance standards contained in NR 151 in terms of the pre- and post-developed discharge rates from the site. The City's ordinance requires the peak discharge from the 1, 2, 10 and 100-year storm events from the post developed site be at or below the peak discharge rates from the site under pre-settlement conditions. Post construction site storm water management practices are required to be maintained and the city requires a maintenance agreement be executed and recorded at Waukesha County Register of Deeds for the perpetual maintenance of the practices.

### **Measurable Goals**

The City reviews proposed development plans for conformance with the post-construction site storm water management requirements of Chapter 19 of the Municipal Code and issues a Certificate of Permit Coverage for development plans meeting the requirements of the ordinance.

### **Results Achieved**

The City issued three permits for post-construction site discharges from new development in 2023. City Staff and consultants have conducted reviews of submittals for six proposed developments and six existing developments for compliance with the post-construction site storm water management requirements of the Municipal Code during the reporting year. Staff also conducted fourteen inspections of City owned BMP's and six inspections of privately owned BMP's during the reporting year. City staff issued one notice to a developer/HOA requiring corrective actions for the sites four storm water management facilities. This program accounted for approximately 171 hours of City Staff time during the reporting period.

### **Describe Any Planned Changes to the Program**

The city has been in the process of documenting its storm water management program and formalizing procedures for inspection and tracking of existing storm water management facilities built to comply with Chapter 19 of the Municipal Code and NR 216 and NR 151 of the State Statutes. This work has been delayed by the review, permitting and enforcement of the City's construction site erosion control and post-construction site storm water management ordinance. To date the bulk of the program has been documented and forms have been created for the inspection of various storm water management practices. Remaining work items include documenting the procedures and frequency for the inspection of the existing storm water management facilities, and a program for the tracking of inspections, maintenance, and enforcement of the post-construction site BMP's. City Staff continue to locate and compile available data on the existing storm water management facilities that have been constructed over the years. This data will aid in the inspection of these facilities and determine what agreements are in place for the maintenance of these facilities.



## **Pollution Prevention**

The city is required to implement a variety of programs under the Pollution Prevention criteria identified within its WPDES permit. These programs include:

1. Inspection, maintenance, and inventory of post-construction site storm water management facilities.
2. Catch basin cleaning program.
3. Street sweeping program.
4. Winter road management program.
5. Leaf management program.
6. SWPPP for municipal facilities.
7. Nutrient management plan for municipal properties with pervious surfaces over 5 acres.
8. Management procedures for unplanned water main discharges.
9. Other Reportable Results.

The following will provide a brief summary of each of the above programs, identify the measurable goals (if any), the results achieved and any planned program changes or improvements.

### **Inspection, Maintenance, and Inventory of Post-Construction Site Storm Water Management Facilities**

#### **Description of Program**

This program shares considerable overlap with the Post Construction Site Storm Water Management Program and consists of an inventory of the existing storm water management facilities and ensuring the facilities are properly maintained to function according to the performance standards used for the design of the facility. The City owns seventeen municipal facilities between Wagner Park (2 wet ponds and a biofiltration basin), the City Hall Campus (1 biofiltration basin), the new DPW Facility (2 wet detention ponds, a bio-retention basin and 2 infiltration swales), Duplainville Road right-of-way (2 biofiltration basins), Hill-N-Dale subdivision (1 dry detention pond), Kathryn Court (1 bio-retention basin) and the Pewaukee Sports Complex (2 wet detention ponds, 1 dry detention pond and 1 infiltration basin). As of this reporting year, only the BMPs at the City Hall Campus, the new DPW Facility, the Pewaukee Sports Complex and the 2 biofilters in Duplainville Road are required to comply with Chapters NR 151 and NR 216 of the Administrative Code.

#### **Measurable Goals**

In 2010 the city identified through aerial photographs approximately 192 facilities within the municipal boundaries that were potential storm water BMPs implemented to control post-developed discharges and/or provide for a TSS reduction. A significant amount of information still needs to be collected from available City records to complete the inventory and conduct inspections of these facilities.

The inventory includes such items as the location, general condition, age, and ownership of each facility; whether a long-term maintenance agreement exists for the facility; the general design of the facility; results of any previous inspections; and completion of any previously recommended maintenance and repairs.

The City is required to inspect and maintain the BMPs on municipal property that are necessary to comply with Chapters NR 151 and NR 216 of the Administrative Code. City Staff also inspect the other facilities to

ensure they are generally in good condition and meet the storm water management requirements for discharge and/or water quality at the time of their construction.

### **Results Achieved**

As indicated previously, City Staff have begun and continue to locate and compile available data on the existing storm water management facilities that have been constructed over the years. To date, approximately 30 pond asbuilts, 37 maintenance agreements and 100 storm water management plans have been located and scanned into the City's network.

Thirteen municipal facilities were inspected by City Staff during the reporting period. City Staff also conducted six inspections of privately owned storm water management ponds and received reports from private facility owners covering an additional fourteen inspections during the reporting period. City staff issued one notice to a developer/HOA requiring corrective actions for the sites four storm water management facilities.

During the reporting period repairs were made to the three facilities at Wagner Park at a total contract cost of \$164,767.00. Additionally, the city is currently seeking to repair the outlet structure for one of the private ponds for which the city has maintenance responsibility.

### **Describe Any Planned Changes to the Program**

The completion of the inventory is still lagging due to the time requirements of other permit programs. As time allows staff will work on the completion of the inventory, preparation of inspection forms and the development of procedures for conducting and tracking inspections of the private facilities.

### **Catch Basin Cleaning Program**

#### **Description of Program**

The city identified twelve catch basins along Peterson Drive in 2005 to be inspected and cleaned annually when the program proposal was initially created. This list has been expanded to include: an additional 65 catch basins along Green Road which were installed as a part of a road construction project in 2013; and an additional 28 catch basins and manholes with sumps installed as a part of the reconstruction of Duplainville Road in 2022. Reported under this program is the maintenance and repair of the City's existing storm sewer structures.

#### **Measurable Goals**

To ensure the continued function of the MS4 system and to remove sediment deposits from the system.

### **Results Achieved**

Approximately eighteen tons of solids were removed as a result of catch basin cleaning in 2023. Additionally, 28 storm sewer structures were repaired during the reporting period. Repairs were conducted through a combination of City Highway Staff and City contracted projects.

A total of seventy structures along Green Road were inspected to estimate sump depth and the amount of material captured within the sump. Five of these structures were determined to be inlets (having no sump) with the remainder having sumps that range from 12 to 18 inches in depth. The table in Attachment B identifies the structures to be included in the program.



### **Describe Any Planned Changes to the Program**

The program needs to be updated to include the catch basins installed along Green Road and Duplainville Road and to include the maintenance and repairs of the storm inlets and manholes that have been occurring annually over the last several years.

### **Street Sweeping Program**

#### **Description of Program**

The City Highway Department is responsible for the sweeping of the City Streets. The current program consists of sweeping all City streets once in the spring (as soon as the snow melts) and sweeping once in the fall all City streets with a curb and gutter cross-section. City streets around the lake are swept more frequently in the fall to keep leaves out of the storms sewer system. Additionally, City crews sweep arterial streets once per week for 1.5 months in the spring (as soon as the snow cover permits). As of 2023, the city had approximately 95.2 miles (190.4 lane miles) of roadways, of which approximately 44.3 miles (88.6 lane miles) were of a rural cross-section and 50.9 miles (101.8 lane miles) were of an urban cross-section. An urban cross-section is typified as having curb and gutter on either side of the street while a rural cross-section is typified as having gravel shoulders and open ditches on either side of the street. Approximately 1.9 miles (3.8 lane miles) of municipal roadways were designated as arterial.

#### **Measurable Goals**

To remove sediment and debris from the road surface and gutter line prior to being transported by runoff into the City's MS4 system.

#### **Results Achieved**

Approximately 114 hours were spent sweeping 1129 lane miles of streets in 2023. This effort removed approximately 54.1 tons of solids prior to entering the City's MS4 system.

### **Describe Any Planned Changes to the Program**

None at this time.

### **Winter Road Management Program**

#### **Description of Program**

The winter road management program prescribes the methodologies and guidelines for the removal and control of snow and ice buildup on the City's streets. The City Highway Department is responsible for establishing the procedures, methods, equipment, and labor to implement the program. Details of the program evolve coincident with the evolution of technology and experience within the department regarding snow and ice removal.

#### **Measurable Goals**

The goal of the program is to maintain the roadway in a safe driving condition within the limitations of resources, climactic conditions, preservation of the driving surface and environmental concerns. In balancing these concerns, the department is recommended to strive for "passable roadway" conditions on the driving lanes during the storm event. A "passable roadway" is defined as a roadway surface that is free from drifts, snow ridges and as much ice and snowpack as is practical and can be traveled safely at reasonable speeds.

Secondary to maintaining safe driving conditions is the reduction of the amount of salt used during a winter storm event. To this extent the city has invested in equipment which allows for the use of a salt brine for pre-wetting of salt or as a stand-alone pre-treatment of the pavement surface. As a stand-alone pre-treatment, salt brine helps to prevent ice/snow from bonding to the pavement surface thereby providing for easier removal during plowing operations. When used to pre-wet dry salt prior to application to a pavement surface, the brine helps to maintain the salt on the pavement surface rather than be displaced into the ditch or curb line. In either case the salt brine is anticipated to reduce the amount of dry salt required to achieve a "passable roadway."

The equipment utilized by the Highway Department is calibrated annually. Salt applications are set based upon the ground speed of the vehicle and the temperature of the pavement. The brine solution used for pre-wetting the salt is set not to exceed 10 gallons per ton with 8 gallons per ton being typical.

City Staff from the Highway Department attend training periodically regarding winter management operations. The last training event was held in 2016 (Smart Salting Level 1) with seven members of the Highway Department attending.

### **Results Achieved**

The Highway Department maintains records of each event during the winter season which includes the amount of product used, pertinent weather data, hours worked, number of trucks in service and other measurable data. These records are maintained for the purpose of evaluating the program on a yearly basis. Snowfall totals used in this evaluation are taken from the weather station at Milwaukee International Airport.

The amount of salt used for a given event or season is highly variable and dependent on a variety of conditions such as but not limited to air temperature; pavement temperature; type of precipitation; intensity of storm; the miles of road to be maintained; and the number of events in a given year. It is therefore difficult to evaluate whether the City's salt application is reduced using salt brines for pre-wetting or as a stand-alone pre-treatment from year to year. Table 1 summarizes the City's salt use for the winter seasons beginning with the 2004-2005 winter season. A typical salt brine solution is composed of 23.3 % salt which yields approximately 2.5 pounds of salt per gallon of brine.

The city implemented the use of salt brines during the 2011-2012 winter season. Prior to the 2011-2012 winter season combinations of salt and salt/sand were used in conjunction with plowing for removal of ice and snow from the municipal streets. Average salt use from the 2004-2005 winter season through the 2010-2011 winter season was approximately 17.7 tons per lane mile. Since then, the average salt use has been 3.3 tons per mile less at 14.4 tons per lane mile. However, this simplistic evaluation is a little misleading as it does not consider the severity of the winter season, or the effort required by road crews to maintain a "passable roadway."

The Wisconsin DOT has created a Winter Severity Index (WSI) which it utilizes in evaluating the severity of the winter season in relation to its winter management program. The index considers factors such as number of snow events, amount of snow, number of freezing rain events, storm durations, and number of incidents (frost runs, drifting and clean up). The State DOT developed the WSI in 1995. Prior to the 2013-2014 winter season, index values ranged from 0 to 100. Therefore, the higher the index value, the more severe the winter season and the lower the index value the milder the winter season. The State DOT revised the WSI in the 2013-2014 winter season to provide results which are scaled and compared to the average of the 5 previous winters; the value of which is set as 100. Therefore, values in excess of 100 indicate a severer than average winter and values less than 100 indicate a milder than average winter.

The statewide average WSI is shown in Table 2 for each winter season. Included in Table 2 are values for the WSI for Waukesha County as well. Previously, values for the Waukesha County WSI from 2010 to 2013 were only given in the previous index (weighted from 0 to 100) with the remainder provided in the revised index. The values shown for Waukesha County in Table 2 for those years before the revised index were extrapolated based upon the statewide average values which were available in both versions of the index.

**Table 1. City of Pewaukee Salt Use for Winter Road Management.**

Winter Season	Tons of Salt	Gallons of Salt Brine	Total Tons of Salt	Lane Miles of Roads	Tons of Salt/lane mile
2004-2005	1584*	NA	1584*	160.6	9.9
2005-2006	2995*	NA	2995*	162.8	18.4
2006-2007	4199*	NA	4199*	167.0	25.1
2007-2008	4287*	NA	4287*	172.8	24.8
2008-2009	2808*	NA	2808*	175.9	16.0
2009-2010	1995*	NA	1995*	176.3	11.3
2010-2011	3203**	NA	3203**	176.4	18.2
2011-2012	1540	14200	1558	176.6	8.8
2012-2013	3520	22679	3548	177.0	20.0
2013-2014	3160	11490	3174	176.8	18.0
2014-2015	2390	4800	2396	179.4	13.4
2015-2016	1865	5100	1871	183.0	10.2
2016-2017	2900	11225	2914	183.0	15.9
2017-2018	3365	5650	3372	184.3	18.3
2018-2019	3365	9070	3376	184.3	18.3
2019-2020	2450	7750	2460	184.3	13.4
2020-2021	2240	7819	2250	185.2	12.2
2021-2022	2060	4500	2066	185.2	11.2
2022-2023	2550	11245	2564	188.7	13.6
2023-2024	1960	4238	1965	190.4	10.3

\*Total may include salt and salt/sand mixture.    \*\*Total includes salt and salt/sand mixture.

The approximate total snowfall per season and the number of measurable snow events are taken from the Mitchell International weather station in Milwaukee. The average snowfall is based upon the total snowfall for the season divided by the number of measurable events.

Figure 1 compares the Winter Severity Index for the statewide average and Waukesha County versus the salt usage for the City of Pewaukee and Waukesha County in tons of salt per lane mile. Overall, the WSI generally coincides with the amount of salt utilized per lane mile to maintain the City's streets in a

passable condition for a winter season. The WSI for the 2023-2024 winter season will not be available until the State publishes its Annual Winter Maintenance Report, usually at the end of the year.

The statewide average WSI for the 2022-2023 winter season was 116.2 which indicates an above average winter season for the state as a whole with the harshest weather in the northern part of the state. The WSI for Waukesha County on the other hand was 84.6 which indicates a below average winter for the county.

As of the writing of this report, the salt use for the 2023-2024 winter season is calculated to be 599 tons less than the previous season with approximately 1965 total tons of salt used. This translates to approximately 10.3 tons per lane mile of salt applied to City Streets which is 3.3 tons per lane mile less than the previous year.

Waukesha County was reported to have utilized approximately 16.1 tons of salt/lane mile for the 2022-2023 winter season which was 2.5 tons per lane mile more than the City of Pewaukee's application over the same period. The average application for the City of Pewaukee from beginning the use of salt brines in the 2011-2012 winter season to 2022-2023 winter season is approximately 14.4 tons per lane mile. This is approximately 1.5 tons per lane mile less than the average 15.9 tons per lane mile for Waukesha County for the same period. The winter management summary tables for the last 5 years of the program are included as Attachment C.

**Describe Any Planned Changes to the Program**

None at this time.

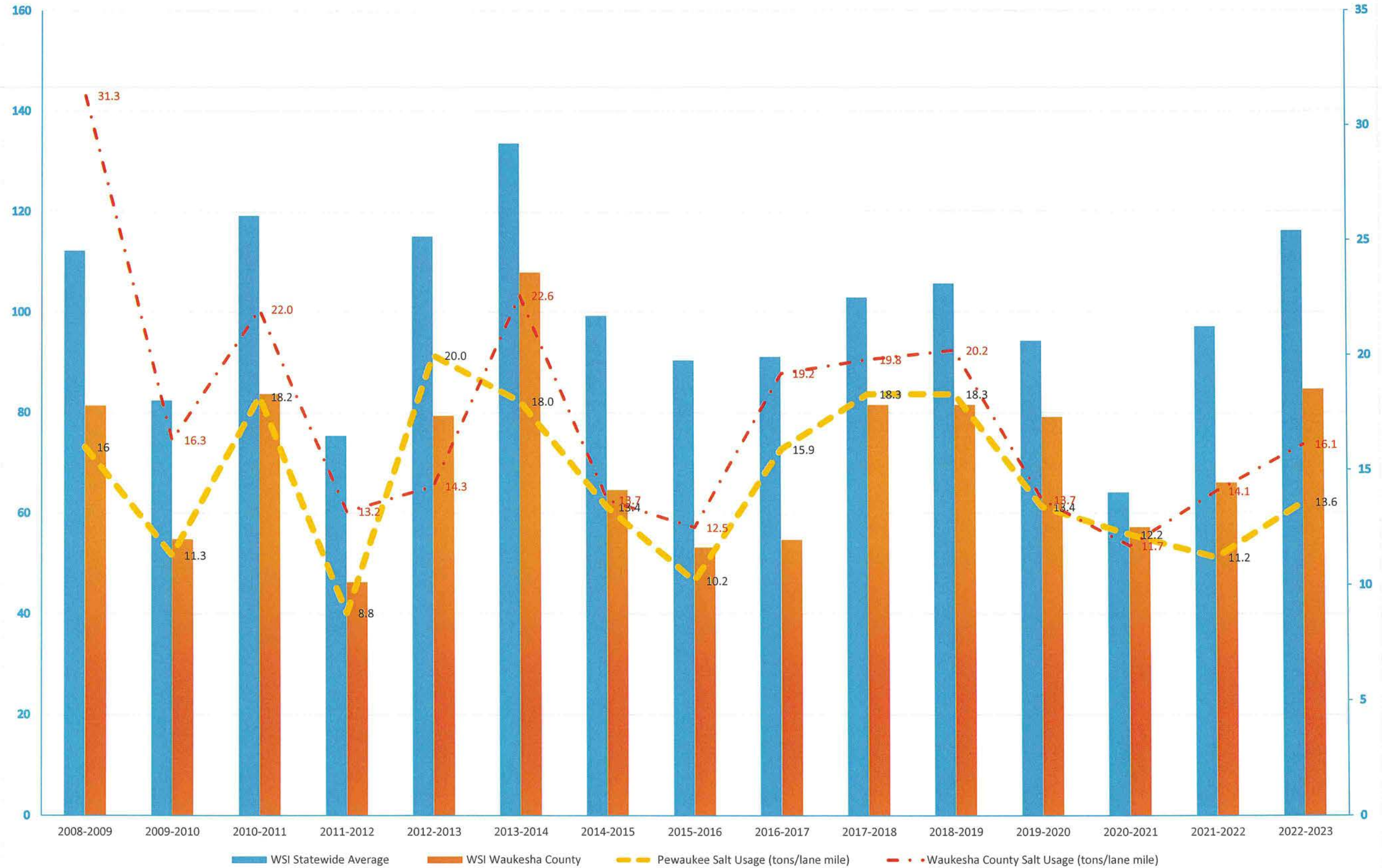


Table 2. Comparison of Winter Seasons and City of Pewaukee Salt Use.

Winter Season	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Approx. Total Snowfall (inches)	47.1	37.9	58.1	99.1	76.0	38.3	61.9	29.6	45.0	63.4	43.0	39.1	37.6	46.7	55.8	36.7	47.8	28.6	52.4	23.9
Number of Measurable Events	33	34	28	50	39	29	45	26	31	52	38	25	23	36	40	31	29	26	31	14
Average Snowfall per event (inches)	1.4	1.1	2.1	2.0	1.9	1.3	1.4	1.1	1.5	1.2	1.1	1.6	1.6	1.3	1.4	1.2	1.6	1.1	1.7	1.7
Total Tons of Salt	1584~	2995~	4199~	4287~	2808~	1995~	3203*	1558	3548	3174	2396	1881	2914	3372	3376	2460	2250	2066	2564	1965
Total Hours Worked	NA	NA	NA	NA	NA	NA	NA	596	1272	1863	903	812	1171	1215	1564	1213	1230	1123	1527	1329
Tons of Salt per Lane Mile of Road	9.9	18.4	25.1	24.8	16.0	11.3	18.2	8.8	20.0	18.0	13.4	10.2	15.9	18.3	18.3	13.4	12.2	11.2	13.6	10.3
Average Pavement Temp. (degrees F)	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.8	20.1	25.6	25.3	23.1	26.4	28.3	22.8	21.0	24.3	19.3
WisDOT Statewide WSI	NA	NA	NA	NA	112.2	82.4	119.2	75.4	115.1	133.6	99.3	90.4	91.1	102.9	105.7	94.3	64.1	97.1	116.2	**
WSI for Waukesha County	NA	NA	NA	NA	81.4 <sup>a</sup>	54.8 <sup>a</sup>	83.7 <sup>a</sup>	46.3 <sup>a</sup>	79.4 <sup>a</sup>	107.9	64.6	53.2	54.7	81.5	81.5	79.1	57.2	66.0	84.6	**
Waukesha County Tons of Salt per Lane mile	21.9	18.6	24.1	39.5	31.3	16.3	22.0	13.2	14.3	22.6	13.7	12.5	19.2	19.8	20.2	13.7	11.7	14.1	16.1	**

~ Total may include salt and salt/sand mixture. \*Total includes salt and salt/sand mixture. \*\*Not determined at the time of reporting. <sup>a</sup>Extrapolated values to statewide index.

Figure 1 Winter Severity Index versus Salt Usage





## **Leaf Management Program**

### **Description of Program**

The city accepts leaves and grass clippings at the City Recycling Center drop off site located on the lower level of the Pewaukee City Hall campus. Material collected at the site is taken to a facility in Menomonee Falls for composting. The City's waste hauler will also pick up leaves and grass clippings for a fee.

### **Measurable Goals**

To provide an alternative means of disposing of leaves and grass clippings for the city residents as opposed to burning or dumping the debris into the City's right-of-way or ditches.

### **Results Achieved**

In previous years yard waste was broken down into categories to determine the mass of leaves taken to the yard waste site. Similar to last year's reporting by Waukesha County, the mass of leaves collected is included in the total yard waste collected which was 452 tons of material. The City's waste hauler reported collecting approximately 2.64 tons of yard waste in 2023.

### **Describe Any Planned Changes to the Program**

None at this time.

## **SWPPP for Municipal Facilities**

### **Description of Program**

The City's permit requires a storm water pollution prevention plan be prepared for municipal facilities with bulk storage piles, outdoor vehicle maintenance, fueling, outdoor material storage, uncovered dumpsters, composting and other areas which have the potential for contributing pollutants to waters of the state. The city had prepared an update to its Evaluation of Public Works Yard in 2011. The goal of the evaluation was to identify potential sources of non-point source pollution and provide recommendations to mitigate these sources. The city provided additional information in the 2015 annual report regarding planned projects to occur within the city "campus" site which would impact operations on site as well as potentially how storm water is managed. These planned projects included the construction of a new water tower, the construction of a new salt storage facility and repairs to the City Hall and highway garage. To date the new water tower and the repairs to City Hall and highway garage have been completed.

### **Measurable Goals**

The goal of the program is to reduce non-point source pollutant loadings from municipal sites as a result of day-to-day operations. Annual inspections of the facilities are required to ensure good housekeeping practices and controls are in place to mitigate potential sources of nonpoint source pollution.

### **Results Achieved**

An inspection of the new public works yard and the city hall campus site was performed in 2023.

### **Describe Any Planned Changes to the Program**

The city completed construction of a new public works facility in 2023 at W225N32101 Duplainville Road. The new location includes a new highway garage/maintenance building, a new salt storage facility, a yard waste/recycling location and refueling site. The completion of the new highway garage and the revisions to the operations of the current city hall campus site will necessitate the preparation of a new SWPPP.

The SWPPP for the new facility was started in 2023 and will be completed in 2024. Revisions to the current city hall campus site SWPPP are anticipated to be completed once the new uses and operations for the site have been designated.

### **Nutrient Management for Municipal Properties with Pervious Surfaces over 5 acres**

#### **Description of Program**

The City has five parks with pervious areas over 5 acres: Balmer Park, Wagner Park, South Park, Nettesheim Park, and the Pewaukee Sports Complex.

The current practice for maintaining the turf areas in the City's Park system is to contract with a company specializing in turf maintenance to assess the condition of the fields and to apply treatments as recommended. Treatments are typically composed of one or more of the following products: Dimension 2EW (a post emergence herbicide); a Urea Nitrogen-Potash fertilizer 25-0-5; a Urea Nitrogen-Potash fertilizer 17-0-5; Trupower 3 (a selective post emergence herbicide); and Cool Power (a selective post emergence herbicide). In addition, the infields of existing baseball fields receive a non-phosphorous fertilizer treatment (composed of a 33-0-5 NPK ratio) three times a year. Mowing of the established turf areas occurs on a weekly rotation with mowing of the baseball infields occurring up to three times a week if necessary.

#### **Measurable Goals**

The goal of the program is to reduce the amount of nutrients (namely phosphorous) applied to the turf areas and to apply only what is required to maintain a vigorous growth of vegetation.

#### **Results Achieved**

The City's current practices and ordinance bans the use of fertilizers containing phosphorous except for the establishment of new turf areas or if soil tests confirm phosphorous is required.

#### **Describe Any Planned Changes to the Program**

It was the recommendation of the WDNR from the 2021 program audit to develop a written turf management program which would include language that a nutrient management plan based on appropriate soil testing be conducted if nutrients containing phosphorous are applied to turf areas over 5 acres.

### **Management Procedures for Unplanned Water Main Discharges**

#### **Description of Program**

The city is required by permit to develop a program to mitigate discharges of sediment to its MS4 system from unplanned water main discharges otherwise known as "water main breaks." The program was developed for Water and Sewer Utility staff who may be responding to such incidents. The priority for staff responding to a water main break is to locate the source of the discharge and to isolate it, or in layman's terms to "shut it off" as quickly as possible. Temporary erosion control measures, if required, can then be employed to prevent sediment from entering the MS4 system or waters of the State. The program identifies potential erosion control measures that can be employed to contain/limit the discharge of sediment from a water main break.



## **Measurable Goals**

The goal of the program is to reduce the amount of sediment entering the City's MS4 system or a water of the State from an unplanned water main discharge.

## **Results Achieved**

No water main breaks occurred during the reporting period.

## **Describe Any Planned Changes to the Program**

None at this time.

## **Other Reportable Results**

Roadways within the City are comprised of a combination of rural cross sections and urban cross sections. Rural cross sections include roadside ditches to collect storm water runoff along with gravel shoulders and paved travel lanes. Urban cross sections include storm sewers and curbs and gutter to collect storm water runoff and paved travel lanes. The City of Pewaukee contains approximately 95.2 lineal miles of roads with approximately 44.3 miles of roads having a rural cross-section. Roadside swales need to be periodically cleaned of accumulated sediment to function properly. Each year the City's Highway Department cleans a portion of its roadside swales of sediment. Last year the Highway Department cleaned approximately 1680 feet of roadside swales which netted an estimated 152 tons of soil. The City also contracted for 3 construction projects which included approximately 5200 lineal feet of ditch improvements, 1470 feet of new culverts and the construction of a 4.7-acre dry pond.

In addition to the storm sewer structures repaired or replaced during the year as reported under the Catch Basin Cleaning Program, the City cleaned and televised approximately 3038 lineal feet of storm sewer, lined approximately 1950 lineal feet of storm sewer with a cured in place pipe liner, and replaced 918 lineal feet of damaged storm sewer.

Improvements to the storm water management facilities in Wagner Park were substantially completed in the fall of 2023. The improvements included: re-attachment of the storm sewer outfalls to the north pond; new outlet structures to the north and south pond; correcting the erosion and muskrat damage to the banks of the south pond; and installation of engineered soil and changes to the outlet for the southwest rain garden.

Worksheets for the Fiscal Analysis required as a part of the City's annual report are included in Attachment D.

Members of the City's Engineering Staff attended multiple erosion control and storm water management workshops and seminars during 2023. These included:

- NASECA-WI's 20<sup>th</sup> Annual Conference and Trade Show, February 1-2, 2023 (1 attendees)
- WAFSCM 2023 Annual Conference, November 2, 2023 (1 attendee)
- TMDL & MS4 Compliance: What We've Learned and Where We're Headed Next, September 26, 2023 (1 attendee)

## **Public Education and Outreach and Public Involvement and Participation Programs**

### **Description of Program**

The City of Pewaukee along with other members of the Upper Fox River Watershed Group contract with Waukesha County to implement the public education and outreach and public involvement and participation programs as required by the Group WPDES permit. The County organizes the plan based upon a target audience. For each target audience a set of activities and goals are defined.

Attachment E contains the County's 2023 Activity Summary Report identifying the key components of last year's plan, the measurable goals and the results achieved. Also included is a copy of the County's proposed Three-Year Information and Education Plan for the City of Pewaukee.

City Staff work with our elected and Municipal officials regarding the City's municipal storm water discharge permit through discussions regarding: the function and need of the City's Storm Water Utility; budget hearings and discussions; discussion regarding potential changes to the City's MS4 permit; changes to the City's post construction site storm water management and construction site erosion control ordinance; discussions related to capital improvement projects that impact storm water discharges; and discussions regarding enforcement of the City's post construction site storm water management and construction site erosion control ordinance. As an example, the City's MS4 Annual Report was presented to the Common Council on April 3, 2023. Additionally, road construction projects often include storm water conveyance and management improvements which are identified in the Engineer's Report for the project and are discussed at the projects public hearing.

City Staff knowledgeable of the MS4 permit requirements disseminate this knowledge internally as well as to the public through answering broad questions regarding the operations and maintenance of storm water BMP's; questions regarding what storm water utility fees are used for; answering drainage concerns; and discussions regarding how permit requirements impact internal job functions and the burden of reporting requirements. Beginning in 2022, the Public Works Department began holding a bi-annual meeting to discuss current and upcoming projects; address concerns and questions from Staff; provide feedback; and to review operations.

Beginning in 2022 the Public Works Department began a biannual newsletter which is sent to all the property owners in the City and includes information on topics such as storm water pollution, Waukesha County's Adopt-A-Drain program, and winter salt usage. Information is also posted on the City's website such as tips regarding grass clippings (<https://www.cityofpewaukee.us/320/Tips-from-DPW>) as well as postings to the City's Facebook page (<https://www.facebook.com/cityofpewaukee>). Copies of the newsletter and grass clippings flier can be found in Attachment F.

City Engineering Staff have ongoing discussions educating contractors, developers and engineers regarding: the requirements of the City's construction site erosion control and post construction site storm water management ordinance; the City's Technical Standards; WDNR guidance documents, permit conditions and Technical Standards; and enforcement of post construction site storm water management and erosion control. The City's Construction Site Erosion Control, Post-construction Storm Water Management and Illicit Discharges Ordinance and Technical Standards are posted on the City's website.



# Attachment A

## WDNR eReporting System Annual Report

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# Submittal of Annual Reports and Other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

Form 3400-224(R8/2021)

## Reporting Information :

Will you be completing the Annual Report or other submittal type? ☒ Annual Report ☐ Other

**Project Name:** 2023 Annual Report

**County:** Waukesha

**Municipality:** Pewaukee, City

**Permit Number:** S050105

**Facility Number:** 30726

**Reporting Year:** 2023

Is this submittal also satisfying an Urban Nonpoint Source Grant funded deliverable? ☐ Yes ☒ No

## Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

### Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Complete all required fields on the annual report form and upload required attachments
- Attach the following other supporting documents as appropriate using the attachments tab above
  - Public Education and Outreach Annual Report Summary
  - Public Involvement and Participation Annual Report Summary
  - Illicit Discharge Detection and Elimination Annual Report Summary
  - Construction Site Pollution Control Annual Report Summary
  - Post-Construction Storm Water Management Annual Report Summary
  - Pollution Prevention Annual Report Summary
    - Leaf and Yard Waste Management
    - Municipal Facility (BMP) Inspection Report
    - Municipal Property SWPPP
    - Municipally Property Inspection Report
    - Winter Road Maintenance
  - Storm Sewer Map Annual Report Attachment
  - Storm Water Quality Management Annual Report Attachment
  - TMDL Attachment
  - Storm Water Consortium/Group Report

- Municipal Cooperation Attachment
- Other Annual Report Attachment
- Attach the following permit compliance documents as appropriate using the attachments tab above
  - Storm Water Management Program
    - Public Education and Outreach Program
    - Public Involvement and Participation Program
    - Illicit Discharge Detection and Elimination Program
    - Construction Site Pollutant Control Program
    - Post-Construction Storm Water Management Program
    - Pollution Prevention Program
      - Municipal Storm Water Management Facility (BMP) Inventory
      - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan
  - Total Maximum Daily Load documents (*\*If applicable, see permit for due dates.*)
    - TMDL Mapping\*
    - TMDL Modeling\*
    - TMDL Implementation Plan\*
    - Fecal Coliform Screening Parameter \*
    - Fecal Coliform Inventory and Map (*S050075-03 general permittees Appendix B B.5.2 – document due to the department by March 31, 2022*)
    - Fecal Coliform Source Elimination Plan (*S050075-03 general permittees Appendix B - document due to the department by October 31, 2023*)
- Sign and Submit form

**Municipal Contact Information- Complete**

**Notice:** Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**Note:** Compliance items must be submitted using the Attachments tab.

**Municipality Information**

**Name of Municipality:** Pewaukee, City

**Facility ID # or (FIN):** 30726

**Updated Information:**

☐ Check to update mailing address information

**Mailing Address:** W240N3065 Pewaukee Road

**Mailing Address 2:**

**City:** Pewaukee, City

**State:** WI

**Zip Code:** 53072

xxxxx or xxxxx-xxxx

**Primary Municipal Contact Person (Authorized Representative for MS4 Permit)**

The "Authorized Representative" or "Authorized Municipal Contact" includes the municipal official that was charged with compliance and oversight of the permit conditions, and has signature authority for submitting permit documents to the Department (i.e., Mayor, Municipal Administrator, Director of Public Works, City Engineer).

☐ Select to **create new** primary contact

**First Name:** Magdelene

**Last Name:** Wagner

☐ Select to **update** current contact information

**Title:** Director of Public Works

**Mailing Address:** W240N3065 Pewaukee Road

**Mailing Address 2:**

**City:** Pewaukee

**State:** WI

**Zip Code:** 53072-4044

xxxxx or xxxxx-xxxx

**Phone Number:** 262-691-0804

Ext:

xxx-xxx-xxxx

**Email:** wagner@pewaukee.wi.us

**Additional Contacts Information (Optional)**

☐ I&E Program

☒ IDDE Program

☒ IDD Program



**Individual with responsibility for:  
(Check all that apply)**

- ☒ Municipal-wide Water Quality Plan
- ☐ Ordinances
- ☒ Pollution Prevention Program
- ☒ Post-Construction Program
- ☐ Winter roadway maintenance

**First Name:** Richard

**Last Name:** Wirtz

**Title:** Chief Engineer - Uti

**Mailing Address:** W240N3065 Pewaukee Road

**Mailing Address 2:**

**City:** Pewaukee

**State:** WI

**Zip Code:** 53072      xxxxx or xxxxx-xxxx

**Phone Number:** 262-691-0804      Ext:      xxx-xxx-xxxx

**Email:** wirtz@pewaukee.wi.us

**Municipal Billing Contact Person (Authorized Representative for MS4 Permit)**

☒ Select to **create new** Billing contact

**First Name:** Magdelene

**Last Name:** Wagner

☒ Select to **update** current contact information

**Title:** Director of Public Works

**Mailing Address:** W240N3065 Pewaukee Road

**Mailing Address 2:**

**City:** Pewaukee

**State:** WI

**Zip Code:** 53072      xxxxx or xxxxx-xxxx

**Phone Number:** 262-691-0804      Ext:      xxx-xxx-xxxx

**Email:** wagner@pewaukee.wi.us

1. Does the municipality rely on another entity to satisfy some of the permit requirements?

☒ Yes   ☐ No

☒ Public Education and Outreach   Waukesha County

☒ Public Involvement and Participation   Waukesha County

☐ Illicit Discharge Detection and Elimination

☐ Construction Site Pollutant Control

☐ Post-Construction Storm Water Management \_\_\_\_\_

☐ Pollution Prevention

2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

☐ Yes ☒ No

**Minimum Control Measures- Section 1 : Complete****1. Public Education and Outreach**

- a. Does MS4 conduct any educational efforts or events independently (not with a group) ☒ Yes  
☐ No
- b. How many total educational events were held during the reporting year:
- c. Were any of the public education and outreach delivery mechanisms conducted during the reporting year active or interactive? ☒ Yes ☐ No
- d. Please select all storm water topics, target audiences, and delivery mechanisms used in the reporting year

Public Education and Outreach Delivery Mechanisms (Active and Passive)	
Active/Interactive Mechanisms	Passive Mechanisms
<input checked="" type="checkbox"/> Education activities (school presentations, summer camps) <input checked="" type="checkbox"/> Information booth at event <input checked="" type="checkbox"/> Targeted group training (contractors, consultants, etc.) <input checked="" type="checkbox"/> Government event (public hearing, council meeting) <input checked="" type="checkbox"/> Workshops <input checked="" type="checkbox"/> Tours <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> Passive print media (brochures at front desk, posters, etc.) <input checked="" type="checkbox"/> Distribution of print media (mailings, newsletters, etc.) via mail or email. <input checked="" type="checkbox"/> Media offerings (radio and TV ads, press release, etc.) <input checked="" type="checkbox"/> Social media posts <input checked="" type="checkbox"/> Signage <input checked="" type="checkbox"/> Website <input type="checkbox"/> Other: <input type="text"/>

Topics Covered	Target Audience
<input checked="" type="checkbox"/> Illicit discharge detection and elimination <input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing <input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application <input checked="" type="checkbox"/> Stream and shoreline management <input checked="" type="checkbox"/> Residential infiltration <input checked="" type="checkbox"/> Construction sites and post-construction storm water management <input checked="" type="checkbox"/> Pollution prevention <input checked="" type="checkbox"/> Green infrastructure/low impact development <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input checked="" type="checkbox"/> Businesses <input checked="" type="checkbox"/> Contractors <input checked="" type="checkbox"/> Developers <input checked="" type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other: <input type="text"/>

- e. Will additional information/summary of these education events be attached to the annual report?  
☒ Yes ☐ No

If no, please provide additional comment in the brief explanation box below. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

**Minimum Control Measures - Section 2 : Complete****2. Public Involvement and Participation**

a. Permit Activities. Select all of the following topics the Permittee did to engage public participation and involvement.

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> MS4 Annual Report <input type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input checked="" type="checkbox"/> Other: Storm Water Management Pract...	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	Select...	<input type="radio"/> Yes <input checked="" type="radio"/> No

b. Volunteer Activities. Select all of the following audiences targeted for volunteer involvement and participation related to storm water.

☐ NA (Individual Permittee)

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input type="checkbox"/> Public Officials <input type="checkbox"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

c. Brief explanation on Public Involvement and Participation reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Residents who adopt-a-drain are asked to clean 2 times per month & report the quantity they remove. Citizen stream monitors collect water quality data from local waters. Clam surveys get residents learning about aquatic life in that waterway.

**Minimum Control Measures - Section 3 : Complete****3. Illicit Discharge Detection and Elimination**

a. How many total outfalls does the municipality have?

126

b. How many outfalls did the municipality evaluate as part of their

20



routine ongoing field screening program?

- c. From the municipality's routine screening, how many were confirmed illicit discharges?
- d. How many illicit discharge complaints did the municipality receive?
- e. From the complaints received, how many were confirmed illicit discharges?
- f. How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)?

(If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)

- g. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

- ☐ Verbal Warning
- ☒ Written Warning (including email)
- ☒ Notice of Violation
- ☒ Civil Penalty/ Citation

Additional Information:

- h. Brief explanation on Illicit Discharge Detection and Elimination reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

The 2 illicit discharges discovered were one time discharges to storm inlets. Both were discovered after the fact and no information was available on the offenders. See the attached City of Pewaukee Annual Report for more information.

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 4 : Complete

### 4. Construction Site Pollutant Control

- a. How many total construction sites with one acre or more of land disturbing construction activity were active at any point in the reporting year?
- b. How many construction sites with one acre or more of land disturbing construction activity did the municipality issue permits for in the reporting year?
- c. How many erosion control inspections did the municipality complete in the reporting year (at sites with one acre or more of land disturbing construction activity)?
- d. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

- ☐ Verbal Warning

☒ Written Warning (including email)

4

☒ Notice of Violation

3

☒ Civil Penalty/ Citation

3

☒ Stop Work Order

0

☐ Forfeiture of Deposit

☒ Other - Describe below

0

Enforcement Conference

- e. Brief explanation on Construction Site Pollutant Control reporting . *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 5 : Complete

### 5. Post-Construction Storm Water Management

- a. How many new structural storm water management Best Management Practice (BMP) have received local approval ?

5

\*Engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins, grassed swales, permeable pavement,

- b. Does the MS4 have procedures for inspecting and maintaining private storm water facilities? ☒ Yes ☐ No

- c. If Yes, how many privately owned storm water management facilities were inspected in the reporting year ? Inspections completed by private landowners should be included in the reported number.

20

- d. Does the municipality utilize privately owned storm water management BMP in its pollutant reduction analysis? ☐ Yes ☒ No

- e. Does MS4 have maintenance authority on these privately owned BMPs?

- f. How many municipally operated (private) storm water management BMPs were inspected in the reporting year? 0

- g. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

☐ Verbal Warning

☒ Written Warning (including email)

☒ Notice of Violation

1

0

<input checked="" type="checkbox"/> Civil Penalty/ Citation	0
<input type="checkbox"/> Forfeiture of Deposit	
<input checked="" type="checkbox"/> Complete Maintenance	0
<input checked="" type="checkbox"/> Bill Responsible Party	0
<input checked="" type="checkbox"/> Other - Describe below	0

Loss of a storm water utility credit

- e. Brief explanation on Post-Construction Storm Water Management reporting. *If marked 'Unsure' on any questions above, justify your reasoning. Limit your response to 250 characters and/or attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 6 : Complete

### 6. Pollution Prevention

Storm Water Management Best Management Practice Inspections ☐ Not Applicable

- a. Enter the total number of municipally owned or operated (i.e., privately owned BMPs) structural storm water management best management practices. 17
- b. How many new municipally owned storm water management best management practices were installed in the reporting year? 1
- c. How many municipally owned (public) storm water management best management practices were inspected in the reporting year? 13
- d. What elements are looked at during inspections (250 character limit)?  
Embankments, outlets, vegetation, erosion, pre-treatment, accumulation of trash and debris, etc.
- e. How many of these facilities required maintenance? 3
- f. Brief explanation on Storm Water Management Best Management Practice inspection reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report

Public Works Yards & Other Municipally Owned Properties that require a stormwater pollution prevention plan (SWPPP)\* ☐ Not Applicable

- g. How many municipal properties require a SWPPP? 2
- h. How many inspections of municipal properties have been conducted in the reporting year? 2
- i. Have amendments to the SWPPPs been made?  
☐ Yes ☒ No

- j. If yes, describe what changes have been made. Limit response to 250 characters and/or attach supplemental information on the attachment page:

- k. Brief explanation on Storm Water Pollution Prevention Plan reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report.

\* Any municipally owned property that has the potential to generate stormwater pollution should have a SWPPP. For example, if a municipal property stores compost piles, material storage, yard wastes, etc., outside and can contaminate stormwater runoff—a SWPPP is required.

Collection Services - *Street Sweeping Program* ☐ Not Applicable

- l. Did the municipality conduct street sweeping during the reporting year?  
☒ Yes ☐ No
- m. If known, how many tons of material was removed?
- n. Does the municipality have a [low hazard exemption](#) for this material? ☐ Yes ☒ No
- o. If street sweeping is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?  
☐ Yes - Explain frequency \_\_\_\_\_  
☐ No - Explain \_\_\_\_\_  
☒ Not Applicable

Collection Services - *Catch Basin Sump Cleaning Program* ☐ Not Applicable

- p. Did the municipality conduct catch basin sump cleaning during the reporting year? ☒ Yes ☐ No
- q. How many catch basin sumps were cleaned in the reporting year?
- r. If known, how many tons of material was collected?
- s. Does the municipality have a low hazard exemption for this material? ☐ Yes ☒ No
- t. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?  
☐ Yes- Explain frequency \_\_\_\_\_  
☐ No - Explain \_\_\_\_\_  
☒ Not Applicable

Collection Services - *Leaf Collection Program* ☒ Not Applicable

Winter Road Management ☐ Not Applicable

\*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

- aa. How many lane-miles of roadway is the municipality responsible for doing snow and ice control? (One mile of a two-way road equals two



lane miles.)

- ab. Provide amount of de-icing products used by month last winter season?

Solids (tons) (ex. sand, or salt-sand)

Product	Oct	Nov	Dec	Jan	Feb	Mar
<u>Salt</u>	0	60	80	1560	260	0

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
<u>Brine</u>	0	0	0	2770	1468	0

- ac. Was salt applying machinery calibrated in the reporting year? ☒ Yes ☐ No

- ad. Have municipal personnel attended salt reduction strategy training in the reporting year? ☐ Yes ☒ No

Training Date	Training Name	# Attendance

- ae. Brief explanation on Winter Road Management reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page*

See attached City of Pewaukee Annual Report

#### Internal (Staff) Education & Communication

- af. Has the municipality provided an opportunity for internal training or education to staff implementing the municipality's procedures for each of the pollution prevention program element? ☒ Yes ☐ No

If yes, describe what training was provided (250 character limit):

See attached City of Pewaukee Annual Report.

- ag. Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs, procedures and pollution prevention program requirements.

Elected Officials

See attached City of Pewaukee Annual Report.

Municipal Officials

See attached City of Pewaukee Annual Report.

Appropriate Staff ( such as operators, Department heads, and those that interact with public)

See attached City of Pewaukee Annual Report.

- ah. Brief explanation on Internal Education reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report.

7. Storm Sewer System Map

- a. Did the municipality update their storm sewer map this year?  
☐ Yes ☒ No

If yes, check the areas the map items that got updated or changed:

- ☐ Storm water treatment facilities  
☐ Storm pipes  
☐ Vegetated swales  
☐ Outfalls  
☐ Other - Describe below

- b. Brief explanation on Storm Sewer System Map reporting. *If you marked Unsure for an question for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report

**Final Evaluation - Complete****Fiscal Analysis**

Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

<b>Annual Expenditure</b> Reporting Year	<b>Budget</b> Reporting Year	<b>Budget</b> Upcoming Year	<b>Source of Funds</b>
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**Element:** Public Education and Outreach

1465	1500	1500	<u>Storm water utility</u>
------	------	------	----------------------------

**Element:** Public Involvement and Participation

1465	1500	1500	<u>Storm water utility</u>
------	------	------	----------------------------

**Element:** Illicit Discharge Detection and Elimination

6230	3290	3410	<u>Storm water utility</u>
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**Element:** Construction Site Pollutant Control

82470	43609	45790	<u>Other</u>
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**Element:** Post-Construction Storm Water Management

15840	43609	45790	<u>Other</u>
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**Element:** Pollution Prevention

1535908	3497000	2436002	<u>Storm water utility</u>
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**Other (describe)**

Storm Water Quality Management			
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223187	410000	225000	<u>Storm water utility</u>
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**Other (describe)**

Storm Sewer System Map			
------------------------	--	--	--

0	5000	5000	<u>Storm water utility</u>
---	------	------	----------------------------

Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

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**Water Quality**

a: Were there any known water quality impairments in the receiving waters to which the

municipality's storm sewer system directly discharges to?

☐ Yes ☒ No ☐ Unsure If Yes, explain below:

**b:** Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

☐ Yes ☒ No ☐ Unsure If Yes, explain below:

**c:** Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year?

☐ Yes ☒ No ☐ Unsure

**d:** Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

☒ Yes ☐ No ☐ Unsure

### Storm Water Quality Management

**a.** Has the municipality completed or updated modeling in the reporting year (relating to developed urban area performance standards of s. NR 151.13(2)(b)1., Wis. Adm. Code)? ☐ Yes ☒ No

**b.** If yes, enter percent reduction in the annual average mass discharging from the entire MS4 to surface waters of the state as compared to implementing no storm water management controls:

Total suspended solids (TSS)

Total phosphorus (TP)

### Additional Information

Based on the municipality's storm water program evaluation, describe any proposed changes to the municipality's storm water program. *If your response exceeds the 250 character limit, attach supplemental information on the attachments page.*

See attached City of Pewaukee Annual Report

**Requests for Assistance on Understanding Permit Programs**

Would the municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

- ☐ Public Education and Outreach
- ☐ Public Involvement and Participation
- ☐ Illicit Discharge Detection and Elimination
- ☐ Construction Site Pollutant Control
- ☐ Post-Construction Storm Water Management
- ☐ Pollution Prevention
- ☐ Storm Water Quality Management
- ☐ Storm Sewer System Map
- ☐ Water Quality Concerns
- ☐ Compliance Schedule Items Due
- ☐ MS4 Program Evaluation



**Required Attachments and Supplemental Information**

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.


Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

**\*Required Item**

**Note:** To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

**Attach - Other Supporting Documents**

AR Other

 File Attachment

[20240327\\_City of Pewaukee Draft Annual Report.pdf](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

**Attach - Permit Compliance Documents**

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

**Sign and Submit Your Application**

**Steps to Complete the signature process**

- 1. Read and Accept the Terms and Conditions
- 2. Press the Submit and Send to the DNR button

**NOTE:** For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

**Terms and Conditions**

**Certification:** I hereby certify that I am an authorized representative of the municipality covered under Pewaukee, City MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality’s governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Signee (must check current role prior to accepting terms and conditions)

- ☒ Authorized municipal contact using WAMS ID.
- ☐ Delegation of Signature Authority ( Form 3400-220 ) for agent signing on the behalf of the authorized municipal contact.
- ☐ Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

<b>Name:</b>	Magdelene Wagner
<b>Title:</b>	Director of Public Works/City Engineer

Authorized Signature.

☒ I accept the above terms and conditions.

Signed by : i:0#.f|wamsmembership|cityofpewaukee on 2024-03-28T13:14:56  
**You have already signed and submitted this application to the DNR.** Please [contact the Wisconsin DNR](#) for assistance.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.

# Attachment B

## Pewaukee Catch Basin Inventory

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Pewaukee Catch Basin Inventory

15-May-23

GIS Sturcture Number	Plan Structure Number	Structure Size	Estimated/Assumed Sump Depth	Asbuilt/Plan Sheet Number	Notes
Un-numbered	?	?	?	?	Structure # RPR1 in original program-location has not yet been determined.
17.2-012	CB MH 1	assume 48 inch DIA	assume 12 inches	Asbuilt TP-331	Structure # PETRD1 in original program-have not verified structure size/sump depth.
17.2-011	CB MH 2	assume 48 inch DIA	assume 12 inches	Asbuilt TP-331	Structure # PETRD2 in original program-have not verified structure size/sump depth.
17.2-010	CB MH 3	assume 48 inch DIA	assume 12 inches	Asbuilt TP-331	Structure # PETRD3 in original program-have not verified structure size/sump depth.
17.2-009	CB MH 4	assume 48 inch DIA	assume 12 inches	Asbuilt TP-330	Structure # PETRD4 in original program-have not verified structure size/sump depth.
17.2-008	CB MH 5	assume 48 inch DIA	assume 12 inches	Asbuilt TP-330	Structure # PETRD5 in original program-have not verified structure size/sump depth.
17.2-007	CB 6A	assume 20x30 inches	assume 12 inches	Asbuilt TP-330	Structure # PETRD6A in original program-have not verified structure size/sump depth.
17.2-006	CB MH 7A	assume 48 inch DIA	assume 12 inches	Asbuilt TP-330	Structure # PETRD7A in original program-have not verified structure size/sump depth.
17.2-005	CB MH 7B	assume 48 inch DIA	assume 12 inches	Asbuilt TP-330	Structure # PETRD7B in original program-have not verified structure size/sump depth.
17.2-004	CB MH 8	assume 48 inch DIA	assume 12 inches	Asbuilt TP-329	Structure # PETRD8 in original program-have not verified structure size/sump depth.
17.2-003	CB MH 9A	assume 48 inch DIA	assume 12 inches	Asbuilt TP-329	Structure # PETRD9A in original program-have not verified structure size/sump depth.
17.2-002	CB MH 9B	assume 48 inch DIA	assume 12 inches	Asbuilt TP-329	Structure # PETRD9B in original program-have not verified structure size/sump depth.
17.2-001	CB 9C	assume 20x30 inches	assume 12 inches	Asbuilt TP-329	Not included in original program-indentified CB on asbuilts.
17.2-013	INLET 11A	assume 20x30 inches	assume 12 inches	Asbuilt TP-332	Not included in original program-determined structure has sump in field.
17.2-014	INLET 11B	assume 20x30 inches	assume 12 inches	Asbuilt TP-332	Not included in original program-determined structure has sump in field.
17.2-021	CB	assume 24 inch DIA	assume 12 inches	Asbuilt TP-329	Not included in original program-indentified CB on asbuilts.
14.2-001	CB 1A	24X36 inch	estimated 12 inches	Asbuilt TP-639/PS-01	May 2023: estimated 5 inches slop; estimated 3 inches top of slop to invert.
14.2-002	CB 3A	24X36 inch	estimated 12 inches	Asbuilt TP-640/PS-02	May 2023: estimated 6 inches slop; estimated 6 inches top of slop to invert.
11.3-004	CB 3C	24X36 inch	NO SUMP	Asbuilt TP-640/PS-02	May 2023: estimated 3 inches slop with hard bottom; top of slop at invert.
11.3-003	CB 3B	24X36 inch	estimated 12 inches	Asbuilt TP-640/PS-02	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
11.3-005	CB 3D	24 inch DIA	estimated 12 inches	Asbuilt TP-640/PS-02	May 2023: sump needs cleaning.
11.3-001	CB 1C	assume 24 inch DIA	assume 12 inches	Asbuilt TP-639/PS-01	May 2023: did not measure
11.3-002	CB 2A	24 inch DIA	estimated 12 inches	Asbuilt TP-639/PS-01	
11.3-006	CB 5B	24X36 inch	estimated 12 inches	Asbuilt TP-641/PS-03	May 2023: estimated 8-9 inches slop; estimated 2 inches top of slop to invert.
11.3-007	CB 6B	24X36 inch	estimated 12 inches	Asbuilt TP-641/PS-03	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
11.3-008	CB 6C	24X36 inch	estimated 12 inches	Asbuilt TP-641/PS-03	May 2023: estimated 6 inches slop; estimated 6 inches top of slop to invert.
14.2-003	CB 5A	24X36 inch	NO SUMP	Asbuilt TP-641/PS-03	May 2023: estimated 3-5 inches slop with hard bottom; top of slop at invert.
14.2-004	CB 6A	24X36 inch	estimated 12 inches	Asbuilt TP-641/PS-03	May 2023: estimated 12 inches slop; top of slop at invert.
14.2-005	CB 8A	48 inch DIA	NO SUMP	Asbuilt TP-642/PS-04	May 2023: poured inverts
14.2-006	CB 8B	24X36 inch	estimated 12 inches	Asbuilt TP-642/PS-04	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
11.3-009	CB 8D	24X36 inch	estimated 12 inches	Asbuilt TP-642/PS-04	May 2023: estimated 9 inches slop; top of slop at invert.
11.3-010	CB 8C	24X36 inch	estimated 12 inches	Asbuilt TP-642/PS-04	May 2023: estimated 5 inches slop; estimated 2 inches top of slop to invert.
11.3-011	CB 8E	24 inch DIA	estimated 18 inches	Asbuilt TP-642/PS-04	May 2023: estimated 12 inches slop; estimated 2 inches top of slop to invert.
11.3-023	CB 9A	24X36 inch	estimated 12 inches	Asbuilt TP-643/PS-05	May 2023: estimated 6 inches slop; estimated 6 inches top of slop to invert.
11.3-024	CB 9B	24X36 inch	NO SUMP	Asbuilt TP-643/PS-05	May 2023: is an inlet.
11.3-012	CB 10B	24X36 inch	estimated 12 inches	Asbuilt TP-643/PS-05	May 2023: estimated 7 inches slop; estimated 3-5 inches top of slop to invert.
14.2-007	CB 10A	24X36 inch	estimated 12 inches	Asbuilt TP-643/PS-05	May 2023: estimated 6 inches slop; top of slop at invert.
11.4-001	CB 13D	assume 24 inch DIA	assume 12 inches	Asbuilt TP-644/PS-06	May 2023: did not measure
14.1-165	CB 12A	24X36 inch	estimated 12 inches	Asbuilt TP-644/PS-06	May 2023: estimated 7 inches slop; estimated 3-5 inches top of slop to invert.
14.1-167	CB 13A	24X36 inch	estimated 12 inches	Asbuilt TP-644/PS-06	May 2023: estimated 5 inches slop; estimated 3-4 inches top of slop to invert.
14.1-169	CB 14B	24X36 inch	estimated 12 inches	Asbuilt TP-645/PS-07	May 2023: estimated 11 inches slop; top of slop at invert.



Pewaukee Catch Basin Inventory

15-May-23

GIS Sturcture Number	Plan Structure Number	Structure Size	Estimated/Assumed Sump Depth	Asbuilt/Plan Sheet Number	Notes
14.1-170	CB 14A	24X36 inch	estimated 12 inches	Asbuilt TP-645/PS-07	May 2023: estimated 6 inches slop; estimated 2 inches top of slop to invert.
14.1-172	CB 15	24X36 inch	estimated 12 inches	Asbuilt TP-645/PS-07	May 2023: estimated 12 inches slop; top of slop at invert.
14.1-176	CB 16A	24 inch DIA	estimated 12 inches	Asbuilt TP-645/PS-07	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
Un-numbered	CB 19C	24 inch DIA	estimated 12 inches	Asbuilt TP-646/PS-08	May 2023: estimated 12 inches slop; top of slop at invert.
11.4-002	CB 20B	24 inch DIA	estimated 12 inches	Asbuilt TP-646/PS-08	May 2023: estimated 12 inches slop; top of slop at invert.
14.1-181	CB 19A	24X36 inch	estimated 12 inches	Asbuilt TP-646/PS-08	May 2023: estimated 6 inches slop; estimated 6 inches top of slop to invert.
14.1-184	CB 20A	24X36 inch	estimated 12 inches	Asbuilt TP-646/PS-08	May 2023: estimated 5 inches slop; estimated 3 inches top of slop to invert.
14.1-186	CB 21A	24X36 inch	estimated 12 inches	Asbuilt TP-646/PS-08	May 2023: estimated 6 inches slop; estimated 2 inches top of slop to invert.
14.1-185	CB 21B	24X36 inch	estimated 12 inches	Asbuilt TP-646/PS-08	May 2023: estimated 5 inches slop; estimated 4 inches top of slop to invert.
11.4-009	CB 22A	24X36 inch	estimated 18 inches	Asbuilt TP-647/PS-09	May 2023: estimated 7 inches slop; estimated 11 inches top of slop to invert.
11.4-005	CB 23C	24 inch DIA	estimated 18 inches	Asbuilt TP-647/PS-09	May 2023: estimated 12 inches slop; estimated 3 inches top of slop to invert.
14.1-190	CB 23A	24X36 inch	estimated 12 inches	Asbuilt TP-647/PS-09	May 2023: estimated 5 inches slop; estimated 3 inches top of slop to invert.
11.4-006	CB 24A	24X36 inch	estimated 18 inches	Asbuilt TP-648/PS-10	May 2023: estimated 18 inches slop; top of slop at invert.
11.4-007	CB 26C	24X36 inch	estimated 12 inches	Asbuilt TP-648/PS-10	May 2023: estimated 12 inches slop; top of slop at invert.
14.1-193	CB 25A	24X36 inch	estimated 12 inches	Asbuilt TP-648/PS-10	May 2023: estimated 7 inches slop; estimated 3 inches top of slop to invert.
14.1-195	CB 26A	24X36 inch	estimated 12 inches	Asbuilt TP-648/PS-10	May 2023: estimated 12 inches slop; top of slop at invert.
14.1-196	CB 26B	24X36 inch	estimated 12 inches	Asbuilt TP-648/PS-10	May 2023: estimated 12 inches slop; top of slop at invert.
13.2-001	CB 28	24X36 inch	estimated 12 inches	Asbuilt TP-649/PS-11	May 2023: estimated 12 inches slop; top of slop at invert.
13.2-003	CB 29B	24X36 inch	assume 12 inches	Asbuilt TP-650/PS-12	May 2023: could not measure-ec fabric in structure
13.2-002	CB 29A	24X36 inch	assume 12 inches	Asbuilt TP-650/PS-12	May 2023: could not measure-ec fabric in structure
12.3-001	CB 30D	24X36 inch	assume 12 inches	Asbuilt TP-651/PS-13	May 2023: could not measure-ec fabric in structure
12.3-002	CB 30C	24X36 inch	assume 12 inches	Asbuilt TP-651/PS-13	May 2023: could not measure-ec fabric in structure
13.2-005	CB 30B	24X36 inch	assume 12 inches	Asbuilt TP-651/PS-13	May 2023: could not measure-ec fabric in structure
13.2-004	CB 30A	24X36 inch	assume 12 inches	Asbuilt TP-651/PS-13	May 2023: could not measure-ec fabric in structure
12.3-003	CB 31A	24X36 inch	assume 12 inches	Asbuilt TP-652/PS-14	May 2023: could not measure-ec fabric in structure
13.2-006	CB/MH 47	60 inch DIA (PLAN)	assume 12 inches	Asbuilt TP-652/PS-14	May 2023: could not measure-ec fabric in structure
12.3-004	CB 32B	24X36 inch	estimated 12 inches	Asbuilt TP-653/PS-15	May 2023: estimated 6 inches slop; estimated 4 inches top of slop to invert.
12.3-005	CB 33C	24X36 inch	assume no sump	Asbuilt TP-653/PS-15	May 2023: misc. concrete dumped in structure - could not get accurate measurement
13.2-007	CB 32A	24X36 inch	estimated 12 inches	Asbuilt TP-653/PS-15	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
13.2-009	CB 33B	24X36 inch	estimated 12 inches	Asbuilt TP-653/PS-15	May 2023: estimated 7 inches slop; estimated 1 inches top of slop to invert.
13.2-008	CB 33A	24X36 inch	estimated 12 inches	Asbuilt TP-653/PS-15	May 2023: estimated 5 inches slop; estimated 3 inches top of slop to invert.
12.3-008	CB 35D	24X36 inch	estimated 12 inches	Asbuilt TP-654/PS-16	May 2023: estimated 12 inches slop; top of slop at invert.
12.3-009	CB 35C	24X36 inch	estimated 12 inches	Asbuilt TP-654/PS-16	May 2023: estimated 7 inches slop; top of slop at invert.
13.2-012	CB 35B	24X36 inch	estimated 12 inches	Asbuilt TP-654/PS-16	May 2023: estimated 7 inches slop; top of slop at invert.
13.1-001	CB 37A	24X36 inch	estimated 12 inches	Asbuilt TP-655/PS-17	May 2023: estimated 5 inches slop; estimated 6 inches top of slop to invert.
13.1-003	CB 38B	24X36 inch	estimated 12 inches	Asbuilt TP-655/PS-17	May 2023: estimated 11 inches slop; top of slop at invert.
13.1-002	CB 38A	24X36 inch	estimated 12 inches	Asbuilt TP-655/PS-17	May 2023: estimated 11 inches slop; top of slop at invert.
13.1-004	CB 40A	24X36 inch	estimated 12 inches	Asbuilt TP-656/PS-18	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
13.1-005	CB 41A	24X36 inch	estimated 12 inches	Asbuilt TP-656/PS-18	May 2023: estimated 7 inches slop; top of slop at invert.
13.1-009	CB 42A	24X36 inch	estimated 12 inches	Asbuilt TP-657/PS-19	May 2023: estimated 6 inches slop; estimated 3 inches top of slop to invert.
13.1-008	CB-43B	24X36 inch	estimated 12 inches	Asbuilt TP-658/PS-20	May 2023: estimated 12 inches slop; top of slop at invert.



Pewaukee Catch Basin Inventory

15-May-23

GIS Sturcture Number	Plan Structure Number	Structure Size	Estimated/Assumed Sump Depth	Asbuilt/Plan Sheet Number	Notes
13.1-007	CB 43A	24X36 inch	estimated 12 inches	Asbuilt TP-658/PS-20	May 2023: estimated 12 inches slop; top of slop at invert.
13.1-006	CB/MH 44A	48 inch DIA	assume 12 inches	Asbuilt TP-659/PS-21	May 2023: too deep to measure; top of slop at invert
13.1-010	CB 46	24X36 inch	estimated 12 inches	Asbuilt TP-659/PS-21	May 2023: estimated 12 inches slop; top of slop at invert.
13.2-001	CB 35A	24X36 inch	estimated 12 inches	Asbuilt TP-654/PS-16	May 2023: estimated 6 inches slop; top of slop at invert.
Un-numbered	INL 2	24X36 inch (PLAN)	18 inches per plan	Sheet 83	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 3	24X36 inch (PLAN)	18 inches per plan	Sheet 83	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 1.2	72 inch DIA (PLAN)	18 inches per plan	Sheet 83	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 4.1	24X36 inch (PLAN)	18 inches per plan	Sheet 83	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 1.1	72 inch DIA (PLAN)	18 inches per plan	Sheet 83	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 4.3	24X36 inch (PLAN)	18 inches per plan	Sheet 83	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 1.4	84 inch DIA (PLAN)	18 inches per plan	Sheet 83 & 107	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 6.1	48 inch DIA (PLAN)	18 inches per plan	Sheet 84	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 2.1	72 inch DIA (PLAN)	18 inches per plan	Sheet 84	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 4	72 inch DIA (PLAN)	18 inches per plan	Sheet 85	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 13	24X36 inch (PLAN)	18 inches per plan	Sheet 85	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 5	72 inch DIA (PLAN)	18 inches per plan	Sheet 86	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 17	24X36 inch (PLAN)	18 inches per plan	Sheet 86	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 19	24X36 inch (PLAN)	18 inches per plan	Sheet 87	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 6	72 inch DIA (PLAN)	18 inches per plan	Sheet 87	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 20.2	24X36 inch (PLAN)	18 inches per plan	Sheet 87	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 6.1	72 inch DIA (PLAN)	18 inches per plan	Sheet 87	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 22	24X36 inch (PLAN)	18 inches per plan	Sheet 89	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 7.1	48 inch DIA (PLAN)	18 inches per plan	Sheet 89	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 27.1	24X36 inch (PLAN)	18 inches per plan	Sheet 95	Installed as a part of Duplainville Road project in 2022
Un-numbered	MH 9	48 inch DIA (PLAN)	18 inches per plan	Sheet 95	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 28.1	60 inch DIA (PLAN)	18 inches per plan	Sheet 96	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 28.2	60 inch DIA (PLAN)	18 inches per plan	Sheet 96	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 31.1	60 inch DIA (PLAN)	18 inches per plan	Sheet 97	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 31	60 inch DIA (PLAN)	18 inches per plan	Sheet 97	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 36	36 inch DIA (PLAN)	18 inches per plan	Sheet 99	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 39	60 inch DIA (PLAN)	18 inches per plan	Sheet 100	Installed as a part of Duplainville Road project in 2022
Un-numbered	INL 43	60 inch DIA (PLAN)	18 inches per plan	Sheet 104	Installed as a part of Duplainville Road project in 2022

# Attachment C

## Winter Road Management Summary Tables

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## Page 45 of 91

*Total Event  
Hours Worked* 1329

Road Salt / Deicers Usage  
City of Pewaukee  
2023-2024

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
October	Brine	0									
November	0	60									
December	0	80									
January	2770	1560									
February	1468	260									
March	0	0									

**Road Salt / Deicers Usage  
City of Pewaukee  
2022-2023**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
15-Nov-22	Salt	0	SALT	80	36	36	2	26	10		All day snow
19-Nov-22	Salt	0	SALT	60	20	24	1	20	5		Varying amounts of snow throughout city
7-Dec-22	Salt	0	SALT	60	31	32	Ice	27	9		Freezing fog
9-Dec-22	Plow	0	SALT	60	30	32	3	30	10		Fast mover
9-Dec-22	Plow	0	SALT	40	32	31		25	10		Clean-up run
15-Dec-22	Plow	350	SALT	80	34	32	2	40	8		Wet and heavy snow
15-Dec-22	Plow	200	SALT	40	34	33		24	8		Clean-up run
16-Dec-22	Salt	200	SALT	60	34	32	1	24	6		Quick inch
16-Dec-22	Salt	200	SALT	60	30	29	1	27	9		Quick inch
19-Dec-22	Salt	0	SALT	40	26	27	Dusting	24	8		Very light snow but slippery
22-Dec-22	Plow	200	SALT	80	32	30	1	40	10		Beginning of blizzard
22-Dec-22	Plow	0	SALT	60	14	16	1	36	10		"BOMB CYCLONE"
22-Dec-22	Plow	0	SALT	40	-5	12	1	36	10		Blizzard is continuing 50+ winds
22-Dec-22	Plow	0	SALT	60	-13	2		40	10		Very windy drift run
22-Dec-22	Plow	0	SALT	50	-5	0		30	10		Very windy a lot drifting
22-Dec-22	Plow	0	SALT	70	8	14		50	10		Same stuff starting to break
22-Dec-22	Plow	0	SALT	50	24	18		36	9		Hard pack clean-up
24-Jan-23	Salt	300	SALT	80	30	31	1	36	9		Rain with snow mixed in
24-Jan-23	Salt	200	SALT	30	32	31	Ice	24	9		Freezing rain and fog
24-Jan-23	Salt	20	SALT	70	32	31	Ice	27	10		Freezing rain
24-Jan-23	Salt	0	SALT	30	36	34					Pre-salt all hills curves and intersections
18-Jan-23	Pre-wet	1325									Pre-wet all hills curves and intersections
19-Jan-23	Salt	300	SALT	60	35	33	Possible Ice	32	9		Rain and slash temps dropping
22-Jan-23	Salt	300	SALT	60	31	30	0.05	30	10		Light dusting
24-Jan-23	Pre-wet	1150									Pre-wet run
25-Jan-23	Plow	300	SALT	70	32	31	1	27	9		Fast mover
26-Jan-23	Plow	0	SALT	70	29	28	1	27	9		Fast mover
27-Jan-23	Salt	0	SALT	70	29	28	0.05	27	9		Dusting
28-Jan-23	Plow	300	SALT	70	31	30	4	32	9		Storm starting
29-Jan-23	Plow	300	SALT	80	32	30	4	50	10		Fast mover
30-Jan-23	Plow	200	SALT	60	22	21		45	10		Clean-up
16-Feb-23	Plow	300	SALT	70	28	26	6	50	10		Wet and heavy snow
16-Feb-23	Plow	300	SALT	60	24	22		40	10		Still snowing



**Road Salt / Deicers Usage**  
**City of Pewaukee**  
**2022-2023**

[illegible]

Total Event  
Hours Worked

	Brine	Salt
October	0	0
November	0	140
December	1150	850
January	4695	750
February	1800	490
March	3600	320
April	NA	NA

**Road Salt / Deicers Usage  
City of Pewaukee  
2021-2022**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
6-Dec-21	Salt	300	Salt	60	28	26	1	30	10	0	Light dusting
11-Dec-21	Salt	300	Salt	80	30	28	1	30	10	0	Light dusting
27-Dec-21	Plow	400	Salt	100	28	2	3	50	10	0	Fast mover
28-Dec-21	Plow	500	Salt	160	32	30	3	60	10	0	Slow mover
31-Dec-21	Salt	400	Salt	70	31	29	Ice	26	10	0	Light mist freezing to road surface
1-Jan-22	Plow	0	Salt	80	17	15	2	48	10	0	Plow and salt; snow continues
2-Jan-22	Plow	0	Salt	80	15	13	2	55	10	0	4 inches total from storm
5-Jan-22	Salt	200	Salt	80	19	24	1	30	10	0	Puffy light snow and winds to 40 mph
5-Jan-22	Plow	0	Salt	80	14	13	1	30	10	0	Same storm
6-Jan-22	Plow	0	Salt	80	13	11	1	44	10	0	Same storm
15-Jan-22	Plow	300	Salt	80	26	25	1	30	10	0	Fast mover
20-Jan-22	Plow	0	Salt	80	13	10	3	45	9	0	3 inches overnight with ice build up under snow
21-Jan-22	Plow	0	Salt	80	15	13	2	40	10	0	Slippery road conditions
22-Jan-22	Plow	0	Salt	60	15	13	1	60	10	0	Same storm; required full clean-up
23-Jan-22	Plow	0	Salt	60	24	22	2	50	10	0	Fast mover
24-Feb-22	Plow	300	Salt	60	23	21	Ice	40	10	0	Spotty icing of roadway
25-Feb-22	Salt	400	Salt	60	24	21	1	27	9	0	Light dusting
26-Feb-22	Salt	400	Salt	60	24	21	1	45	9	0	1 inch overnight
27-Feb-22	Salt	200	Salt	50	34	32	1	45	9	0	Fast snow squall with low visibility
28-Feb-22	Plow	0	Salt	60	15	15	2	36	9	0	High winds and ice
29-Feb-22	Plow	0	Salt	60	10	13	0	36	9	0	Very icy
30-Feb-22	Salt	0	Salt	80	34	32	Ice	40	10	0	Ice
22-Feb-22	Salt	0	Salt	80	31	30	Ice	40	10	0	
22-Feb-22	Plow	0	Salt	80	30	29	Sleet	40	10	0	Sleet from same storm
22-Feb-22	Plow	200	Salt	80	28	26	Ice	40	10	0	Re-freezing from same storm
23-Feb-22	Plow	0	Salt	60	15	13	Hard pack ice	36	9	0	Re-freezing from same storm
25-Feb-22	Plow	300	Salt	60	23	21	5	50	10	0	Overnight fast mover
25-Feb-22	Plow	100	Salt	30	32	31	Slush run	20	8	0	Melting
7-Mar-22	Plow	200	Salt	70	32	30	Start	45	10	0	Beginning of storm

Total Event  
Hours Worked

Road Salt / Deicers Usage  
City of Pewaukee  
2021-2022

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
October	Brine	0									
November	0	0									
December	1900	470									
January	500	700									
February	1900	820									
March	200	70									

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*Total Event  
Hours Worked* 1230

**Road Salt / Deicers Usage  
City of Pewaukee  
2020-2021**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
October	Brine	0									
November	0	0									
December	2268	440									
January	4751	1000									
February	800	800									
March	0	0									





Road Salt / Deicers Usage  
City of Pewaukee  
2019-2020

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
October	Salt	300									
November		360									
December		310									
January		1100									
February		540									
March		0									

# Attachment D

## Fiscal Analysis Worksheets

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# Spreadsheet for Fiscal Analysis Portion of City of Pewaukee's 2023 MS4 Annual Report

	Budget for Reporting Year	Annual Expenditures for Reporting year	Budget for Upcoming Year
Public Education and Outreach	\$1,500.00	\$1,465.50	\$1,500.00
Public Involvement and Participation	\$1,500.00	\$1,465.50	\$1,500.00
Illicit Discharge Detection and Elimination	\$3,290.00	\$6,230.00	\$3,410.00
Construction Site Pollution Control	\$43,608.50	\$82,470.00	\$45,790.00
Post-Construction Storm Water Management	\$43,608.50	\$15,840.00	\$45,790.00
Pollution Prevention	\$3,496,999.73	\$1,535,908.38	\$2,436,002.00
Storm Water Quality Management	\$410,000.00	\$223,187.40	\$225,000.00
Storm Sewer System Map	\$5,000.00	\$0.00	\$5,000.00
<b>Totals</b>	<b>\$4,005,506.73</b>	<b>\$1,866,566.78</b>	<b>\$2,763,992.00</b>

Public Information and Outreach

Budget for Reporting Year	\$1,500.00
Expenditures for Reporting Year	\$1,465.50
Budget for Upcoming year	\$1,500.00

Budget item for reporting purposes is identified as Permit Compliance-Information and Education and includes contracted amount to Waukesha County. This dollar figure is half of the reported/budgeted number as the Public Involvement and Participation program is included in here as well.

Note: for upcoming year budget, dollars are estimated for reporting purposes and may not necessarily correspond to the City's Budget summary. DNR catagories do not correspond to City Budget Accounting Fields.



## Public Involvement and Participation

Budget for Reporting Year	\$1,500.00
Expenditures for Reporting Year	\$1,465.50
Budget for Upcoming year	\$1,500.00

*Budget item for reporting purposes is identified as Permit Compliance-Information and Education and includes contracted amount to Waukesha County. This dollar figure is half of the reported/budgeted number as the Public Education and Outreach program is included in here as well.*

*Note: for upcoming year budget, dollars are estimated for reporting purposes and may not necessarily correspond to the City's Budget summary. DNR categories do not correspond to City Budget Accounting Fields.*

## Illicit Discharge Detection and Elimination Program

Budget item for reporting purposes is an estimation of Engineering Technicians time and Civil Engineers time to inspect identified MS4 outfalls and review reports. Costs will include estimates of time spent pursuing spills/dumping complaints by Engineering Staff and by City Fire Services.

Reporting Year Mileage Rate (Budget):  
Budget Year Mileage Rate:

0.655  
0.67

Note: for upcoming year budget, dollars are estimated for reporting purposes and may not necessarily correspond to the City's Budget summary. DNR categories do not correspond to City Budget Accounting Fields. Fire Dept. projections are not included for budget purposes as Fire is a 24/7 service and is a required service regardless of whether or not a spill occurs.

Budget for Reporting Year	Annual Expenditures for Reporting Year			Budget Upcoming Year		
	Hourly Wage	Hours	Cost	Hourly Wage	Hours	Cost
Engineering Staff						
Engineering Technician	\$57.86	40.00	\$2,314.40	\$59.88	40.00	\$2,395.20
Senior Engineering Technician	\$63.22	4.00	\$252.88	\$65.44	4.00	\$261.76
Civil Engineer	\$63.55	6.00	\$381.30	\$65.77	6.00	\$394.62
Chief Engineer-Utilities	\$91.52	2.00	\$183.04	\$95.88	2.00	\$191.76
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	\$93.29	0.00	\$0.00
DPW Director	\$118.94	1.00	\$118.94	\$125.48	1.00	\$125.48
Mileage costs			\$32.75			\$33.50
			\$3,283.31			\$3,402.32
			Subtotal			Subtotal
Fire Department Staff						
Battalion Chief	\$91.46	0.00	0.00	\$99.45	0.00	\$0.00
Fire Paid on Premise Driver/Paramedic	\$0.00	0.00	0.00	\$0.00	0.00	\$0.00
Fire Paid on Premise Fire Fighter/EMT	\$44.54	0.00	0.00	\$44.54	0.00	\$0.00
Fire Paid on Premise Paramedic	\$45.64	0.00	0.00	\$45.64	0.00	\$0.00
Ladder Truck Costs	\$0.00	0.00	0.00	\$800.00	0.00	\$0.00
Engine Costs	\$650.00	0.00	0.00	\$760.00	0.00	\$0.00
Ambulance Costs	\$500.00	0.00	0.00	\$625.00	0.00	\$0.00
Command Vehicle Costs	\$62.00	0.00	0.00	\$130.00	0.00	\$0.00
			0.00			\$0.00
			Subtotal			Subtotal
			3,283.31			\$3,402.32
			Total			Total
			3,290.00			\$3,410.00
			Use			Use

Re-calculated Engine cost assumed based on apparatus cost of 760,000 with 10 year life cycle and 100 hours of use per year.  
Re-calculated Command Vehicle assumed based on cost of 65,000 with 8 year life cycle and 100 hours of use per year.  
Re-calculated ALS Unit assumed based on cost of 350,000 with 6 year life cycle and 100 hours of use per year.  
Ladder Truck cost assumed based on apparatus cost of 1,200,000 with a 15 year life cycle and 100 hours of use per year.  
Mileage costs based on vehicle distance of 63 miles (expenditures-63 miles@ 0.655) and 50 miles (budget) at mileage rate of 65.5 cents for 2023 and 67.0 cents for 2024.  
Wages based upon hourly rate multiplied by 2.0 to account for benefits, etc. and to match current bill back rates used by accounting.

## Construction Site Pollutant Control Program

Note: The City's Construction Site Pollution Control Program includes compliance inspections, enforcement, erosion control plan review and permitting. The financial estimates contained in this spreadsheet are for construction sites over an acre only and do not include estimates of Building Inspection costs. Developer driven expenditures are generally billed back to the Developer. Budget dollars are taken from line items under "Permit Compliance" in the Storm Water Utility Budget (one half of Numbers 230-53656-51290 and 230-53656-51950 and all of 230-53656-53530).

Budget for Reporting Year		\$43,608.50	Budget for Upcoming Year		\$45,790.00
Annual Expenditures for Reporting Year		\$82,470.00			
Project	Swan View Farms Phase 1	Wages	Hours	Total	
	R/M Bills			\$1,828.22	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	3.00	\$190.65	
	Chief Engineer-Utilities	\$91.52	2.50	\$228.80	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total				\$2,247.67
	Swan View Farms Phase 2	Wages	Hours	Total	
	R/M Bills			\$5,178.74	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	3.25	\$206.54	
	Chief Engineer-Utilities	\$91.52	2.00	\$183.04	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total				\$5,568.32
	Baenen CSM/Northview Residential	Wages	Hours	Total	
	R/M Bills			\$2,299.70	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	0.25	\$15.89	
	Chief Engineer-Utilities	\$91.52	5.00	\$457.60	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total				\$2,773.19
	Woodleaf Reserve Phase 4	Wages	Hours	Total	
	R/M Bills			\$777.12	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	1.25	\$79.44	
	Chief Engineer-Utilities	\$91.52	0.50	\$45.76	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total				\$902.32
	Waters Senior Living	Wages	Hours	Total	
	R/M Bills			\$9,121.55	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	14.75	\$937.36	
	Chief Engineer-Utilities	\$91.52	12.75	\$1,166.88	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	

Total \$11,225.79

Woodleaf Reserve Phase 5

	Wages	Hours	Total
R/M Bills			\$1,635.34
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	2.75	\$174.76
Chief Engineer-Utilities	\$91.52	2.25	\$205.92
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00

Total \$2,016.02

WVRC Emergency Vet Clinic

	Wages	Hours	Total
R/M Bills			\$821.62
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.75	\$47.66
Chief Engineer-Utilities	\$91.52	2.00	\$183.04
Chief Engineer-Roads/Develop	\$88.85	34.63	\$3,076.43
DPW Director	\$118.94	0.00	\$0.00

Total \$4,128.75

Klein-Dickert Building Expansion

	Wages	Hours	Total
R/M Bills			\$30.25
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.75	\$68.64
Chief Engineer-Roads/Develop	\$88.85	26.13	\$2,321.21
DPW Director	\$118.94	0.00	\$0.00

Total \$2,420.10

Cardinal Meadow Subdivision

	Wages	Hours	Total
R/M Bills			\$7,593.21
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	5.50	\$349.53
Chief Engineer-Utilities	\$91.52	9.25	\$846.56
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00

Total \$8,789.30

The Glen At Parkway Ridge

	Wages	Hours	Total
R/M Bills			\$1,393.25
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	2.50	\$158.88
Chief Engineer-Utilities	\$91.52	1.75	\$160.16
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00

Total \$1,712.29

Lakewood Baptist Building Addition-Soccer Field

	Wages	Hours	Total
R/M Bills			\$5,338.68
AECOM Bills			\$640.51
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	3.25	\$206.54
Chief Engineer-Utilities	\$91.52	6.25	\$572.00
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00

Total \$6,757.73

Irgens Fox Run

	Wages	Hours	Total
R/M Bills			\$0.00
AECOM Bills			\$0.00



Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	3.25	\$288.76
DPW Director	\$118.94	0.00	\$0.00
Total			\$288.76
Pewaukee South Industrial Building			
R/M Bills			\$1,834.82
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.25	\$15.89
Chief Engineer-Utilities	\$91.52	4.25	\$388.96
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00
Total			\$2,239.67
WeEnergies Pewaukee Stores Site Improvements			
R/M Bills			\$3,354.60
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	1.50	\$95.33
Chief Engineer-Utilities	\$91.52	1.50	\$137.28
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00
Total			\$3,587.21
Pewaukee Sports Complex Turf Replacement			
R/M Bills			\$0.00
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	3.00	\$266.55
DPW Director	\$118.94	0.00	\$0.00
Total			\$266.55
Hill-N-Dale Drainage Improvements			
R/M Bills			\$4,931.00
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	4.25	\$388.96
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00
Total			\$5,319.96
Paul Road Water Main Relay			
R/M Bills			\$5,220.67
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	1.50	\$137.28
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00
Total			\$5,357.95
Ridgeview Multi-Family/Interstate Partners			
R/M Bills			\$0.00
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	2.38	\$217.36
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00



DPW Director	\$118.94	0.00	\$0.00	
				Total \$217.36
	Wages	Hours	Total	
R/M Bills			\$0.00	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$0.00
	Wages	Hours	Total	
R/M Bills			\$0.00	
Strand Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$0.00
Pewaukee DPW Facility Phase 1	Wages	Hours	Total	
R/M Bills			\$0.00	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	18.75	\$1,084.88	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	2.50	\$228.80	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$1,313.68
Pewaukee DPW Facility Phase 2	Wages	Hours	Total	
R/M Bills			\$0.00	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	18.75	\$1,084.88	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	2.75	\$251.68	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$1,336.56
Apple Tree - Pear Tree Road Reconstruction	Wages	Hours	Total	
R/M Bills			\$3,169.33	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	3.00	\$274.56	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$3,443.89
Pewaukee Storage	Wages	Hours	Total	
R/M Bills			\$0.00	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
Chief Engineer-Roads/Develop	\$88.85	1.75	\$155.49	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$155.49
Green Road Industrial Bldg/Interstate Partners	Wages	Hours	Total	
R/M Bills			\$5,596.63	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	3.50	\$222.43	

Chief Engineer-Utilities	\$91.52	13.75	\$1,258.40
Chief Engineer-Roads/Develop	\$88.85	33.88	\$3,009.79
DPW Director	\$118.94	0.00	\$0.00
Total			\$10,087.25

Radiant Plastic Surgery	Wages	Hours	Total
R/M Bills			\$0.00
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	3.50	\$310.98
DPW Director	\$118.94	0.00	\$0.00
Total			\$310.98

	Wages	Hours	Total
R/M Bills			\$0.00
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00
Total			\$0.00

## Post Construction Storm Water Management

Note: The City's Post Construction Site Storm Water Management Program includes pond inspections, review of maintenance agreements, plan review and permitting. Estimates are provided for Civil Engineer and Chief Engineer-Utilities review of Wagner Park Ponds, Public Works Dept. Ponds, Green Road Pond, the Pewaukee Sports Complex Ponds, City Hall Bio-infiltration device and the Rockwood Drive Pond. Developer driven expenditures are generally billed back to the Developer. Budget dollars are taken from line items under "Permit Compliance" in the Storm Water Utility Budget (one half of Numbers 230-53656-51290 and 230-53656-51950 and all of numbers 230-53656-52150 and 230-53656-53510).

Budget for Reporting Year \$43,608.50 Budget for Upcoming Year \$45,790.00

Annual Expenditures for Reporting Year \$15,840.00

Project	The Glen At Parkway Ridge	Wages	Hours	Total	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	0.00	\$0.00	
	Chief Engineer-Utilities	\$91.52	11.50	\$1,052.48	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total			\$1,052.48	
	Lakewood Baptist Bldg Addition-Soccer Field	Wages	Hours	Total	
	AECOM Bills			\$640.55	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	0.00	\$0.00	
	Chief Engineer-Utilities	\$91.52	5.75	\$526.24	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total			\$1,166.79	
	Irgens Fox Run	Wages	Hours	Total	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	0.00	\$0.00	
	Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
	Chief Engineer-Roads/Develop	\$88.85	3.25	\$288.76	
	DPW Director	\$118.94	0.00	\$0.00	
	Total			\$288.76	
	Green Road Industrial Building/Interstate Partners	Wages	Hours	Total	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	0.00	\$0.00	
	Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
	Chief Engineer-Roads/Develop	\$88.85	33.88	\$3,009.79	
	DPW Director	\$118.94	0.00	\$0.00	
	Total			\$3,009.79	
	Ridgeview Multi-Family/Interstate Partners	Wages	Hours	Total	
	AECOM Bills			\$0.00	
	Engineer Tech	\$57.86	0.00	\$0.00	
	Sr. Engineer Tech	\$63.22	0.00	\$0.00	
	Civil Engineer	\$63.55	0.00	\$0.00	
	Chief Engineer-Utilities	\$91.52	2.38	\$217.36	
	Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
	DPW Director	\$118.94	0.00	\$0.00	
	Total			\$217.36	

Klein-Dickert Building Expansion			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.75	\$68.64
Chief Engineer-Roads/Develop	\$88.85	26.13	\$2,321.21
DPW Director	\$118.94	0.00	\$0.00
		Total	\$2,389.85
Swan View Farms Phase 1			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	1.50	\$137.28
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00
DPW Director	\$118.94	0.00	\$0.00
		Total	\$137.28
Pewaukee Sports Complex Turf Replacement			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	3.00	\$266.55
DPW Director	\$118.94	0.00	\$0.00
		Total	\$266.55
Pewaukee Storage			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	1.75	\$155.49
DPW Director	\$118.94	0.00	\$0.00
		Total	\$155.49
Radiant Plastic Surgery			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	3.50	\$310.98
DPW Director	\$118.94	0.00	\$0.00
		Total	\$310.98
WVRC - Vet Emergency Clinic			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	0.00	\$0.00
Chief Engineer-Roads/Develop	\$88.85	27.63	\$2,454.48
DPW Director	\$118.94	0.00	\$0.00
		Total	\$2,454.48
Waukesha Gun Club			
	Wages	Hours	Total
AECOM Bills			\$0.00
Engineer Tech	\$57.86	0.00	\$0.00
Sr. Engineer Tech	\$63.22	0.00	\$0.00
Civil Engineer	\$63.55	0.00	\$0.00
Chief Engineer-Utilities	\$91.52	12.75	\$1,166.88
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00



DPW Director	\$118.94	0.00	\$0.00	
				Total \$1,166.88
	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$0.00
Green Road Pond Inspection	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	1.50	\$95.33	
Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$95.33
Sports Complex Pond Inspections	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	4.25	\$388.96	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$388.96
Rockwood Drive Pond Inspection	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	2.75	\$174.76	
Chief Engineer-Utilities	\$91.52	0.00	\$0.00	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$174.76
Wagner Park Pond Inspections	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	2.00	\$115.72	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	5.75	\$526.24	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$641.96
City Hall Biofiltration Device	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	
Chief Engineer-Utilities	\$91.52	1.00	\$91.52	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
				Total \$91.52
Pewaukee DPW Facility Phase 1	Wages	Hours	Total	
AECOM Bills			\$0.00	
Engineer Tech	\$57.86	0.00	\$0.00	
Sr. Engineer Tech	\$63.22	0.00	\$0.00	
Civil Engineer	\$63.55	0.00	\$0.00	



Chief Engineer-Utilities	\$91.52	20.00	\$1,830.40	
Chief Engineer-Roads/Develop	\$88.85	0.00	\$0.00	
DPW Director	\$118.94	0.00	\$0.00	
			Total	\$1,830.40

## Pollution Prevention

	2023 Budgeted	2023 Expenditure	2024 Budgeted
Catch Basin Cleaning and Maintenance	\$41,050.00	\$45,842.07	\$113,550.00
Storm Inlets and Catch Basins	\$75,000.00	\$8,395.28	\$75,000.00
Street Sweeping	\$25,750.00	\$17,019.78	\$27,750.00
Ditch and Culvert Maintenance	\$2,287,391.00	\$920,105.34	\$975,049.00
Storm Sewer Maintenance	\$960,311.00	\$449,958.01	\$1,118,653.00
Yard Maintenance	\$10,000.00	\$0.00	\$10,000.00
Yard Waste Recycling	\$97,497.73	\$94,587.90	\$116,000.00
<b>Totals</b>	<b>\$3,496,999.73</b>	<b>\$1,535,908.38</b>	<b>\$2,436,002.00</b>

Items reported here were typically broken out in the budget. "Yard Maintenance" is found under #230-53656-53520. "Storm Inlets and Catch Basins" was found under Storm Water Projects. "Yard Waste Recycling" was taken as a fraction of the budgeted and actual expenditures from "Refuse Collection and Recycling" (10.307% of totals). Actual expenditures and budegeted for "Storm Sewer Maintenance" include expenses from Wagner Park (420-57422-58210); expenses and budget dollars from Spice Creek/Meadowbrook Farms #3 (230-57557-58210) for storm sewer cleaning, storm sewer lining, storm sewer replacement, manhole repairs and end-section repairs; expenses and budget dollars from Valley Brook Subd. Storm Sewer (230-57354-58210); and 2023 and 2024 budget dollars for Spice Creek/Meadowbrook Farms #4 (230-57557-58210) . Ditch and culvert maintenance includes budget and costs from Hill-n-Dale Pond project (230-57301-58210), Yench Road Culvert (230-57355-58210), Apple-Pear Road Reconstruction (230-57561-58210), and budget for Shady Lane-Shady Nook Road Reconstruction (230-57333-58210) and Takoma Hills Street Reconstruction Phase 1 (230-57322-58210). Actual expenditures for "Storm Inlets and Catch Basins" include expenses from Spice Creek/Meadowbrook Farms #3 (230-57556-58210) for inlet repairs. Expenditures do not include engineering costs.

Storm Water Quality Management

Budget for Reporting Year	\$410,000.00
Expenditures for Reporting Year	\$223,187.40
Budget for Upcoming year	\$225,000.00

Storm Water Quality Management within the permit is the maintenance of the City's pollution reduction total at the time the law was changed to negate the 40% requirement. As there is no budget line item for this, I have included the budgeted costs for a new Storm Water Study found under Projects (230-57340-58210). The City entered into a contract with AECOM in 2022 to prepare a comprehensive storm water management plan. The planning effort will include a complete remodel for water quality and quantity purposes, a re-evaluation of the dry weather outfall monitoring program and the creation of a new MS4 map. The project is anticipated to be completed in late 2024.

# Storm Sewer System Mapping

Budget for Reporting Year	\$5,000.00
Expenditures for Reporting Year	\$0.00
Budget for Upcoming year	\$5,000.00

"Storm Sewer System Mapping" is lumped within Storm Sewer Maintenance budget category. The breakout for this is under 230-53651-53520 within the budget software General Ledger. Dollars shown here have been removed from the "Storm Sewer Maintenance" category.

# Attachment E

## Waukesha County Contracted Program Summary Report & Three-Year Public Education and Outreach Plan

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# INFORMATION AND EDUCATION LEDGER OF ACTIVITIES

Target	Req #	req1	req2	req3	Program Name	Activity	Column1	Date	Where	# People	Additional Description or Information
Teachers and Students	7				Nature Exploration	hike		1-5-23	Retzer	62	Nature Exploration program with Oconomowoc High School with water temperature investigation and discussion
General Public	7					presentation		1-23-23		739	Statewide Salt Awareness Week webinar: Freshwater Salinization Syndrome
General Public	7					presentation		1-24-23		387	SAW week webinar: Tracking Road Salt
General Public	7					presentation		1-25-23		366	SAW week webinar: Salty Drinking Water
General Public	7					presentation		1-28-23		255	SAW week webinar: DNR response to salt
General Public	7					presentation		1-27-23		224	SAW week webinar: Be A Salt Champion
Teachers and Students	1	3	5		Glacial landscape	hike		1-27-23	Retzer	45	glacial program including soil formation and importance of organic matter for infiltration
Teachers and Students	1	3	5		5 career	displays and handouts		2-21-23	Waukesha	1261	display at Town of Waukesha primary elections covering yard waste management
General Public	1	3	5			displays and handouts		2-28-23	Waukesha	50	storm drain delivers to lakes and rivers message at United Way mini golf event for Waukesha County
General Public	1					presentation		3-1-23	Retzer	12	water cycle hike to learn about water moving through the environment
Teachers and Students	5				5 I Live In	presentation		3-3-23	Retzer	155	recycling program covering composting and improving water capture with compost
Teachers and Students	1	3	5		5 I Live In	presentation		3-6-23	Pewaukee	7	after school environmental club learned about water pollution and how they can prevent it
General Public	1	5				presentation		3-6-23	Retzer	104	training for Retzer volunteers to teach some talking points about water-taken about runoff, groundwater, storm drains and more
Teachers and Students	1	3	5		5 career	social media		3-15-23	New Berlin	12	Career day for Ronald Reagan Elementary School
General Public	3					press release		3-22-23		2889	social media post about naturalizing the yard at Retzer-leaving dandelions and violets for pollinators and seeding clover to feed the grass
General Public	1					presentation		4-1-23	New Berlin	92	career day for Orchard Lane Elementary
Teachers and Students	1	3	5		5 career	presentation		4-1-23	Retzer	25	appreciation event for Volunteer Stream Monitoring
General Public	9					presentation		4-1-23	Waukesha	60	rain garden program for 2 classes at Montessori school in Waukesha
Teachers and Students	5				5 rain gardens	displays and handouts		4-4-23	Waukesha	1905	display for Town of Waukesha spring elections
General Public	1	2	3			displays and handouts		4-4-23	Brookfield	1072	storm drain display for Town of Brookfield spring elections
Teachers and Students	1	2	3		3 I Live In	presentation		4-6-23	Genesee	32	water program for Magee Elementary Science Day
Teachers and Students	3	5			5 Healthy Soils	presentation		4-6-23	Genesee	34	soils program for Magee Elementary Science Day
General Public	2	3			5 Sustainable Yardenir	presentation		4-11-23	Waukesha	55	presentation for Waukesha Public Library
Contractors, Dev & Consul					stormwater wkshop	presentation		4-12-23		135	
Contractors, Dev & Consul					stormwater wkshop	presentation		4-13-23		155	
General Public	1					presentation		4-17-23	Retzer	13	talked about runoff pollution with girl scouts
General Public	2	3	5		5 rain gardens and bar	presentation		4-18-23	Oconomowoc	4	Rain gardens and Rain Barrel program at Oconomowoc Library
General Public	2	3	5			presentation		4-18-23		15	watershed model for girl scouts working on Wonders of Water badge
General Public	5					presentation		4-20-23	Retzer	140	cover soils and infiltration
Teachers and Students	1	2	3		5 glacial landscape	displays and handouts		4-20-23	Oconomowoc	120	used watershed model at Parklawn Elementary Stem Night with parents and students
General Public	1	2	3		3 career	presentation		4-21-23	Mukwonago	45	used watershed model at Park View Middle School
Teachers and Students	1	2	3			displays and handouts		4-22-23	Retzer	163	used watershed model for outreach at Retzer Earth Day celebration
General Public	1	2	3			presentation		4-22-23	Elm Grove	32	watershed model for earth day celebration in Elm Grove
General Public	2	3	5		5 rain gardens	presentation		4-25-23	Pewaukee	62	Rain Garden design and installation class for Pewaukee Library in conjunction with Pewaukee Green Team
Teachers and Students	2	3	5		5 Healthy Soils	presentation		4-28-23	Retzer	52	Healthy Soils program for Cushing Elementary 2nd grade
General Public	6					meeting		5-4-23	Muskego	1	met with Homeowners Association to discuss pond maintenance
General Public	1	2	3		3 WAV training	training		5-4-23	Genesee	10	Water Action Volunteers training day
Teachers and Students	5				5 composting	presentation		5-10-23	Retzer	60	composting as part of recycling program
Teachers and Students	1	2	3		3 pond	presentation		5-10-23	Retzer	77	watershed model with Pond program
General Public	9					benchmark		5-11-23	Oconomowoc	2	benchmark on Oconomowoc River at Highway K
Teachers and Students	1	2	3		3 water resources	presentation		5-12-23	Pewaukee	200	presentation to 5th grade before trip to camp
General Public	9					benchmark		5-16-23	Pewaukee	2	benchmark visit for Pewaukee River at old SH164
General Public	1	5				presentation		5-17-23	Retzer	19	Secrets of Stream Life program for Outdoor Classroom at Retzer
Teachers and Students	1	2			2 pond	presentation		5-17-23	Retzer	64	watershed model with pond program
General Public	9					benchmark		5-19-23	Bark River	4	watershed model for Bark River at Hwy 67
General Public	9					benchmark		5-20-23	Vernon	2	benchmark visit for Mill Brook
Teachers and Students	3	5			5 healthy soils	presentation		5-22-23	Retzer	60	healthy soils program for Eagleville Elementary
General Public	9					benchmark		5-22-23	Pewaukee	9	site visit for Coud Creek with Pewaukee Women's Club
General Public	9					benchmark		5-22-23	Oconomowoc	2	benchmark for Oconomowoc River at Concord Rd
Teachers and Students	1	2	3		3 lake study	presentation		5-25-23	Camp Whitcomb	130	Lake study program for Pewaukee 5th graders
Teachers and Students	1	2	3		3 lake study	presentation		5-26-23	Camp Whitcomb	130	Lake study program for Pewaukee 5th graders
Teachers and Students	1				pond	presentation		5-26-23	Retzer	110	watershed model with pond program for Merton Elementary
Teachers and Students	1				stream study	presentation		6-2-23	Eagleville	28	biotic index on Jericho Creek with Eagleville Elementary
Teachers and Students	1	2	3		3 stream study	presentation		6-5-23	Prairie Springs	60	stream study with pollution discussion with Saratoga Stem Middle School
General Public	1	2	3		3 pond	presentation		6-7-23	Retzer	15	watershed model with pond program
Teachers and Students	1	2	3		3 stream study	presentation		6-8-23	Retzer	42	watershed model with pond program for homeschool group
Teachers and Students	1	2	3		3 stream study	presentation		6-13-23	Eagleville	150	stream study with pollution discussion with Eagleville Elementary Summer School program
General Public	9					benchmark		6-13-23	Retzer	2	benchmark monitoring for Bark River at Dom Road
General Public	1	3	5		5 Environmental Scien	presentation		6-15-23	Retzer	20	soil and water portions of Environmental Science Merit Badge
General Public	7				5 Sustainable Business	presentation		6-20-23	Retzer	32	Sustainable Business program covering salt use and winter maintenance as well as green infrastructure management
General Public	5	8				displays and handouts		6-24-23	Pewaukee	100	watershed model at Clean Water Festival
General Public	1	5				displays and handouts		6-24-23	Pewaukee	100	native plant roots display and rain garden information at Clean Water Festival
General Public	9					benchmark		6-29-23	Merton	100	improvised surfaces display and fishing activity for Clean Water Festival
General Public	1	3				displays and handouts		7-14-23	Wales	2	benchmark for Bark River at Dom Rd
Teachers and Students	1	2	3		3 I Live in a	presentation		7-20-23	Delefield	300	unstaffed display for beer garden event
General Public	1	2				presentation		7-20-23	Retzer	30	used watershed model as part of the pond program
General Public	1	2				presentation		7-20-23	Delefield	40	program for Kettle Moraine Garden Club



General Public	1	1	2	3	7-21-23	Pewaukee	50 outreach at Touch a Truck event at Pewaukee Library
General Public	1	2	3		7-21-23	Retzer	20 training for Master Naturalist program covering groundwater, water pollution, stream monitoring
General Public	9				7-25-23	Prairie Springs	8 training for habitat assessment in WAV
General Public	9				7-26-23	Hartland	400 outreach at Hartland Kids Fest
General Public	1				7-27-23	Mukwonago	10 Asian Clam survey on Mukwonago River
General Public	1	3			8-1-23	Mukwonago	200 storm drain display at National Night out event
General Public	1				8-1-23	Merton	200 display for National Night out event
General Public	1				8-2-23	Sussex	200 storm drain display at National Night out event
General Public	1				8-8-23	Oconomowoc	500 departmental outreach at Kids Fest event
General Public	1	2	3		8-9-23	Retzer	6 Sustainable Gardening presentation
General Public	1	2	3		8-9-23	Retzer	30 stormwater activities including rain gardens, impervious surfaces, water monitoring, watershed model and more
General Public	9				8-10-23	Hartland	4 Asian Clam survey on Bark River at Nixon Park
General Public	1	3			8-12-23	Wales	200 unstaffed display for beer garden event
General Public	9				8-19-23	Mukwonago	9 Snapshot Day search for invasive species
Teachers and Students	1				8-22-23	Retzer	80 program with aquatic invertebrates
General Public	5				8-22-23	Retzer	7 demonstration on rain gardens at Sustainability Fair
General Public	1	2	3		8-26-23	Retzer	9 Sustainable Gardening program at Sustainability Fair
Teachers and Students	6	8			9-5-23	WCTC	13 Virtual program for WCTC Sustainable Building Class
General Public	2	3			9-8-23	The Morning Blend	40 unstaffed display for beer garden event
Teachers and Students	3	5			9-11-23	Waukesha	46 Hillcrest Elementary Healthy Soils - two classes
Teachers and Students	3	5			9-12-23	Waukesha	54 Prairie Elementary - two classes
Teachers and Students	3	5			9-13-23	Waukesha	108 healthy soils program for 4 classes at Rose Glen Elementary
Teachers and Students	1	7			9-14-23	Brookfield	25 stream monitoring with 7th grade from St. Mary's, Elm Grove
General Public	1	2	3	Live in a	9-14-23	Brookfield	9 program using watershed model for Elmbrook Library
General Public	1	2	3		9-15 to 17	North Prairie	500 display at Fall Festival event
General Public	9				9-18-23	Pewaukee	8 Met with Pewaukee Ladies Club for fall monitoring
Teachers and Students	3	5			9-20-23	Waukesha	20 Waukesha STEM at the old Whittier campus
General Public	5				9-23-23	Retzer	1800 impervious surfaces display and fishing activity for Apple Harvest Fest
Businesses	7				9-26-23	Muskego	6 met with Badger Color Concentrates to review stormwater plan
Teachers and Students	1	2	3		10-23	Waukesha	614 worked with Waukesha School district to have watershed model used with all 5th grade programs
Teachers and Students	1			Water Journey	10-2-23	Retzer	10 Incredible Water Journey with class from Hamilton High School
Teachers and Students	1	2	3	Live in a	10-5-23	Waukesha	60 3 classes of 5th graders at Hadfield Elementary talking about runoff pollution with watershed model
Teachers and Students	1	2	3	Live in a	10-9-23	Waukesha	24 watershed program with model at Saratoga STEM academy
Teachers and Students	1	2	3		10-10-23	Eagleview	37 water testing on Jencho Creek with Eagleview Elementary
Teachers and Students	1	2	3	career	10-12-23	Pewaukee	42 watershed model at career day at Pewaukee High School
Teachers and Students	1	2	3	Live in a	10-20-23	Retzer	80 Watershed program for 3rd grade from Clarendon Ave Elementary from Mukwonago
Teachers and Students	6	8			11-1-23	WCTC	25 Virtual program for WCTC Sustainable Building Class
Contractors, Dev & Const	7				11-2-23	Retzer	38 Saltwise training for parking lots and sidewalks
General Public	1	2	3		11-4-23	Retzer	200 hands on activity table covering salt use at Science Fest
General Public	7			horse mgmt	11-16-23	Waukesha	64 presentation with the watershed model at Science Fest
Teachers and Students	1	5			11-26-23	Sussex	21 horse management workshop to cover manure storage and spreading
General Public	2	3	6		12-5-23	Merton	52 water testing for Sussex Hamilton AP students
Teachers and Students	1	2	3	career	12-11-23	Wales	300 display at annual tree lighting and community center open house
General Public	2	3	6		12-6-23	Pewaukee	64 career day at Kettle Moraine High school
							300 display at City of Pewaukee through the end of the year during tax payment season

## MS4 Information and Education 3 Year Plan

Prepared by Waukesha County for the

### City of Pewaukee

2023

Key Focus: Yard Waste Management/Composting

Special Emphasis: Riparian owners

**Reasoning and Goals:** The City chose this topic for the first year to be able to leverage partnering with the Village and Town of Delafield to really target the riparian owners around Pewaukee Lake. With an already established Adopt a Drain program, we can measure citizen engagement through that program for general yard waste. The first goal will be to see 10 new storm drains adopted. The second goal will be to have at least 20 people participate in the shoreline workshop.

#### Plan Elements:

1. **Social media posts:** County will provide 6 social media posts to highlight seasonal lawn care and waste management. City will post once per month May - October.
2. **Utility bill messaging:** County will, with input from the City, develop messaging for 3 utility bills. City will include in bills typically sent out in April, July and October.
3. **Educational workshop - composting:** County will provide a workshop on yard waste management at the Pewaukee Library. Pewaukee Green Team will be invited to co-host. County will promote the workshop through providing a display banner to the library prior to the workshop. City will promote the workshop by posting the event on their website, at their building, and via a social media post (County to provide).
4. **Educational workshop – shoreline management:** The County will provide a workshop on shoreline management. Pewaukee Green Team and the Pewaukee River Partnership will be invited to co-host. County will promote the workshop through a targeted mailer sent to all riparian owners in the Municipality (City to provide names and addresses). City will promote the workshop by posting the event on their website, at their building, and via a social media post (County to provide).
5. **Outreach:** County will have a staffed yard waste management outreach display at the Clean Water Festival.
6. **Webpage information:** County will create content for a website identifying the EPAs hierarchy of yard and food waste management and providing local resources for the management of organic items. City will provide County terms of current yard waste program available to residents in the City (i.e. curbside/drop off options as available) and will host the final webpage on the City's website for the duration of the 3 year plan.

Implementation Month	Item
January	Webpage information
April	Utility bill message



	Educational Workshop – Composting (proposed)
May	Social media post Summer staff training
June	Social media post Outreach – Clean Water Festival
July	Social media post Utility bill message
August	Social media post Educational Workshop – Shoreline Management (proposed)
September	Social media posts
October	Social media post Utility bill message

## 2024

Key Focus: Homeowner Association Education

Reasoning and Goals: The City has many aging BMP's spread through many neighborhoods. As the day approaches that maintenance may be required, it is time to start educating the homeowners associations about their obligations, so they can take actions to delay required maintenance and begin budgeting for the inevitable. The goal will be to have at least 10 associations represented at the educational meeting.

### Plan Elements:

1. **Social Media:** County will provide one social media post to advertise the workshop, and one social media post addressing maintenance.
2. **Stormwater Billing:** County will, with input from the City, provide an insert for the stormwater billing.
3. **Educational workshop – BMP Maintenance for HOA's:** County will work with the City to provide a fall workshop on BMP maintenance aimed at Homeowners Associations.
4. **Outreach:** County will provide a display and outreach materials for Public Works Day.

Implementation Month	Item
March	Set workshop date and location Display for Public Works Day
September	Social media posts delivered Article for fall newsletter delivered Targeted mailing for workshop invitations
October	Fall workshop on BMP maintenance

## 2025

### Key Focus: Adopt a Drain

**Reasoning and Goal:** The Adopt a Drain program is a great way to educate and engage residents with measurable results. Because taking care of a storm drain addresses so many of the pollutants it was decided to take extra steps to increase the number of storm drains adopted. The goal will be to have at least 10 new drains adopted in 2025.

### Plan Elements:

1. **Social media posts:** County will provide a series of 8 social media posts to promote the Adopt a Drain program. City will post one per month from March to October.
2. **Utility bill messaging:** County will, with input from the City, develop messaging for 2 utility bills. City will include in bills typically sent out in April and July.
3. **Display:** County will coordinate with the Pewaukee Public Library to host the interactive storm drain display during the month of March. The County will deliver, set up, and pick up the display from the library. Display must be plugged in for maximum interaction.
4. **Display:** City will host the interactive storm drain display at City Hall in December during tax payment time. County will deliver, set up, and pick up the display from City Hall. Display must be plugged in for maximum interaction.
5. **Outreach:** County will set up the storm drain display at the Clean Water Festival.
6. **K-12 programming:** – County will work with the Pewaukee School District to include education for 5<sup>th</sup> grade class during pre-camp presentation.
7. **Outreach:** County will share Adopt a Drain information with Pewaukee Women's Club to encourage adoptions.

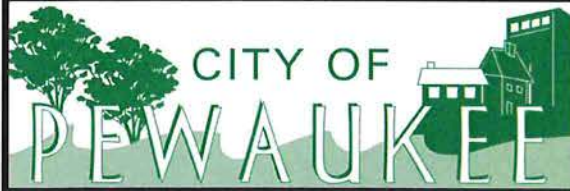
Implementation Month	Item
March	Social media post Display at Library
April	Utility bill message Social media post Display at Spring Elections Outreach to Women's Club
May	Social media post K-12 programming – present to 5 <sup>th</sup> grade
June	Social media post Outreach – Clean Water Festival
July	Utility bill message Social media post
August	Social media post
September	Social media post
October	Social media post



# Attachment F

## Department of Public Works Newsletters and Grass Clippings Flier

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# Department of PUBLIC WORKS

2023 Spring/Summer

## Identifying the Difference Between Utility Covers

From time to time, while out walking the dog or riding your bike, for example, you may notice a utility ground opening in the grass or the street with a missing cover. While all types of covers are important to replace, they each have a different urgency with respect to repairs or replacement. For instance, manhole covers provide an important safety function by preventing anything or anyone from falling into the storm or sanitary sewer manhole and require immediate attention.

If you come across any type of missing utility cover, it is important that you call the City's Department of Public Works office and report it as soon as possible. Below are photos to assist you in identifying the different types of covers. By providing the correct name of the missing cover, you will help us in prioritizing our safety response and the appropriate replacement parts needed.

**Curb Stop Box** is usually located outside in the front yard on the border between public and private property (front lawn or driveway). This provides access to shut the water off to a home or business in case of an emergency.

**Valve Box** provides access to valves which control the flow of water in the large water services to a building from the water main and within branches of the City's water mains. Often times they follow along or under the roadway.

**Manhole** is an opening in a street or right-of-way that allows utility workers access to underground sewer. The manhole covers can be used in conjunction with sanitary sewers or storm sewers, and often times "SEWER" is stamped directly on the cover.

**Catch Basin/Storm Drain** is installed in a curb to receive and direct the flow of storm water into City sewer mains. A clogged catch basin or missing or damaged grate can lead to flooding and property damage.

## PUBLIC WORKS DEPARTMENT

W240N3065 Pewaukee Road

Pewaukee, WI 53072

Office: (262) 691-0804

Email: [publicworks@pewaukee.wi.us](mailto:publicworks@pewaukee.wi.us)

Regular Hours: Monday-Friday

8:00 am to 4:30 pm

Drop Box Available 24/7 in

City Hall Main Foyer

### Engineering Division

Magdelene Wagner, P.E.

Director of Public Works/

City Engineer

### Highway Division

Matthew Stevens

Street Superintendent

### Water & Sewer Division

Jane Mueller

Utility Manager

## RECYCLING CENTER

Open Year Round

Saturdays: 9:00 am to 3:00 pm

Open April thru November

Wednesdays: 1:00 to 6:00 pm

City Recycling Permit Required

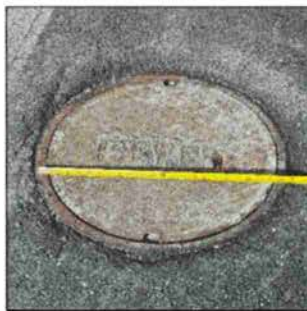
Curb Stop Box Cover (4")



Valve Box Cover (7")



Manhole Cover (24")



Catch Basin/Storm Drain



## City Lawn Watering Policy

With the summer watering season just around the corner, this is a reminder that the City of Pewaukee has annual lawn watering restrictions in place between May 15 and September 15. Outdoor irrigation/sprinkling, including lawn and garden watering, is restricted to **every other day** during this time. Customers whose official address ends in an **even** number will be allowed to water only on **even** number calendar days, and those whose official address ends in an **odd** number will be allowed to water only on **odd** number calendar days. (Ord. Sec. 16.0202) For more information contact our office at (262) 691-0804.





# 2023 PUBLIC WORKS PROJECTS

## City Road & Bridge Projects

**Duplainville Road and Trail & Duplainville Road Bridge:** Restoration and bridge match point "bump" repair will be completed in Summer 2023.

**Joseph Road:** Project canceled due to groundwater contamination. Project will be rebid for 2024.

**Meadowbrook Farms Phase 3:** Construction will begin in May 2023. We appreciate your patience and understanding in advance.

**Shady Lane and Shady Nook:** Project was rejected for 2023.

**Hill n Dale Pond:** Construction is anticipated to begin in June 2023.

**Busse Road Bridge Replacement:** Project was delayed to allow time to apply for additional federal funding.

**Takoma Hills Subdivision Road Project:** Project is under design with construction anticipated in 2024.

**Highlands Subdivision Road Project:** Construction will begin in July 2023.

## Storm Water Utility Projects

**Springdale Estates Drainage Easement:** Design of Phase 1 is underway. Once this is complete, a public information meeting will be held. Construction is targeted for 2024.

**Wagner Park Pond Dredging:** Final design is underway. Construction is anticipated for Fall 2023.

**Yench Road Culvert Replacements:** Final design is underway. Construction is anticipated in late Fall 2023.

## Water & Sewer Utility Projects

**Gun Club Lift Station:** Plans to upgrade this lift station are in design. Construction is anticipated in 2024.

**Bluemound Water Main Loop:** This design will loop the southern portion of our water system to allow for Well #5 to be abandoned. Construction is anticipated in late 2023 and early 2024.

Additional information on the projects listed above, or about future road projects can be found on the City of Pewaukee website at <https://www.cityofpewaukee.us/480/Road-Construction>.

## Quiet Zones

The City is currently completing quiet zones studies for the railroad crossings at Weyer Road, Springdale Road, Duplainville Road, and Green Road. The studies require updated traffic counts for these roadways which are being completed now.

Once the studies are complete, the City will be applying for a quiet zone. The analysis by the railroad is a lengthy process which will likely take a year or longer to complete. For those interested,

please be patient as we work through this process with the railroad, and state and federal agencies.



## City Fire Hydrants

Fire hydrants may only be operated by City of Pewaukee Water & Sewer Utility or Fire Department

staff, unless a hydrant permit is obtained from the Utility office.

Landscapers or other contractors may NOT obtain water from a fire hydrant. If you see someone using a hydrant, please contact the Utility office at (262) 691-0804.

Taking water from a fire hydrant without a permit is illegal and costs everybody money!



## Driveway Permits

Did you know that the City requires you to obtain a driveway permit before you install or replace your driveway?

Applications are available online at <https://www.cityofpewaukee.us/DocumentCenter/View/3095/Driveway-Permit-rev-Dec-2019>.

An inspection must be completed by City staff at the time the driveway is graded and formed, prior to concrete or asphalt being installed.

Please allow 48 hours prior to the requested inspection time.





## Dig Safe!

When anyone digs in Wisconsin, whether planting a tree or building a house, there is a high probability that underground utilities exist within the dig site area. Hitting an underground utility line does more than disrupt service; it risks the safety of the person digging and the public. Homeowners should request a utility locate for any project that requires digging.

Before tackling your long list of outdoor projects, (e.g., new patio, fence, garden, shrubs or trees), be sure to call Digger's Hotline by dialing **8-1-1**, or file online at [DiggersHotline.com](http://DiggersHotline.com). Notify Digger's Hotline at least three business days before work begins. Utilities will be marked by the appropriate utility. Do not dig closer than 18" of the marks.



## Safe Walking Practices

Walking is a healthy activity, but you need to know the rules of thumb of pedestrian safety. This is especially true if you are walking in an area of the City where there aren't sidewalks or paths separated from the road. If you choose to walk in the road, you should observe traffic safety rules as well as guidelines that will help you stay safe when walking in public areas.

1. Always walk facing traffic. Walking opposite traffic gives you the best chance to see vehicles approaching and allow for evasive action when needed. When cars approach, walk in a single file line if you are walking with others.
2. Cross safely. Look both ways and stay aware of your surroundings whenever you cross the street. Make eye contact with any drivers who may be turning. It can be tempting to simply jaywalk, but that is a safety hazard and can result in a ticket.
3. Be visible. Wear bright colors when walking in the daytime. When walking at night, wear light-colored and reflective clothing or a vest to be visible to drivers. Make sure your pets are visible as well.
4. Keep the volume down. Don't drown out your environment when listening to music with your earbuds or headphones.
5. Hang up and eyes up. Distracted walking due to chatting, texting, or playing games on a mobile device while you walk is as dangerous as doing those things while driving. Put your phone in your pocket or stop at a safe place to take a call.
6. Be aware of stranger danger. Street safety is a concern for many walkers. Choose a walking route frequented by other walkers, joggers, and bikers. Being alert and aware can dissuade dangerous people from making you a target.

Enjoy the summer and walk safe! (It should be noted that we **do not recommend walking in the roadway.**)

## Arbor Day

Arbor Day was on April 28, 2023 this year. Although the official day has passed, you can still honor the day by planting a tree. Trees capture carbon emissions, protect biodiversity, improve our health, and provide habitat and shade.

### Six things you should know when planting a tree.



1. **Call Before You Dig** - Several days before planting, call the national 811 hotline to have underground utilities located.

2. **Handle with Care** - Always lift tree by the root ball. Keep roots moist until planting.

3. **Digging a Proper Hole** - Dig 2 to 5 times wider than the diameter of the root ball with sloping sides to allow for proper root growth.

4. **Planting Depth** - The trunk flare should sit slightly above ground level and the top-most roots should be buried 1 to 2 inches.

5. **Filling the Hole** - Backfill with native soil unless it's all clay. Tamp in soil gently to fill large air spaces.

6. **Mulch** - Allow 1 to 2 inch clearance between the trunk and the mulch. Mulch should be 2 to 3 inches deep.

For more tree-planting tips and information, visit [arborday.org](http://arborday.org).

Source: Arbor Day Foundation

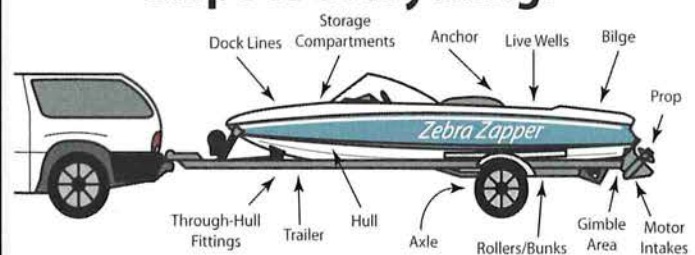
## Clean Boats, Clean Water (CBCW)

With the growing concern of the spread of aquatic invasive species such as zebra mussels, Eurasian watermilfoil, and fish diseases to Wisconsin inland lakes, boaters need to be diligent in checking for any species that may be attached to their boats or trailers. Visit the DNR website at [dnr.wi.gov/lakes/invasives](http://dnr.wi.gov/lakes/invasives) for more information.

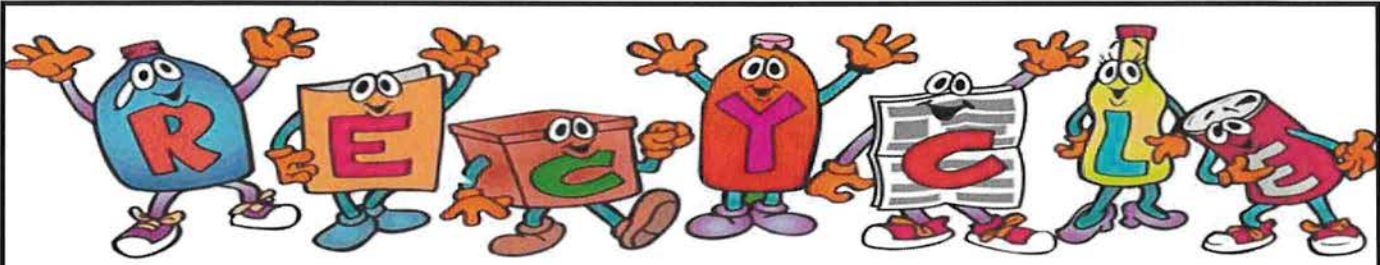


If you want to help further, Waukesha County offers free training for Aquatic Invasive Species Inspector volunteers. Visit [www.waukeshacounty.gov/AIS](http://www.waukeshacounty.gov/AIS) for more information.

Before leaving and before launching...  
**inspect everything!**







## City Recycling Center Spring/Summer Schedule

Located behind City Hall, the City of Pewaukee's Recycling Center is now open on Wednesdays from 1:00 p.m. to 6:00 p.m. as well as Saturdays from 9:00 a.m. to 3:00 p.m. (except on holidays). **City residents must obtain and display a city recycle permit tag in their vehicle when visiting the Recycling Center.** City recycle tags can be picked up at no charge at the Clerk's office at City Hall during regular office hours. Proof of residency is required. For more information and a list of acceptable items allowed, please visit our website at [www.cityofpewaukee.us](http://www.cityofpewaukee.us) and search *Garbage and Recycling*.

## Don't Let Your Summer Fun Flame Out

Summer is coming and we are all looking forward to the picnic and grilling season. Did you know many picnic materials are not recyclable?

Propane tanks have the potential to cause explosions and fires, making them a huge risk when placed in your curbside recycling or trash bin. Help us keep recycling and hauling staff safe by recycling right and keeping propane tanks out of the recycling bin. Sites that accept propane tanks for disposal can be found here: [www.waukeshacounty.gov/propane](http://www.waukeshacounty.gov/propane).



In addition to propane tanks - plastic cups, paper plates, napkins and towels, and disposable dishware are NOT recyclable and belong in the trash! Many of these items are too small for sorting equipment, contain the wrong materials to recycle, or have remnants of food waste on them which can contaminate other clean recyclables! For more information on what is accepted in your curbside recycling bin, please visit: [www.waukeshacounty.gov/CurbsideRecycling](http://www.waukeshacounty.gov/CurbsideRecycling).

## Stop the Scrap!

Scrap metal cannot be placed in your curbside recycling bin. This type of material puts recycling facility workers and hauling staff at risk of harm. Additionally, it could cause significant damage, including fire, to valuable recycling facility sorting equipment. Items that don't belong in the cart are costly to dispose of and can impact the quality and value of other, acceptable recyclable materials. A good rule of thumb is "**when in doubt, throw it out (in the trash)**". This will ensure recycling and hauling staff stay safe at work, eliminate costly repairs, and ensure high quality recycling of acceptable materials.



Most scrap metal can be brought to the City Recycling Center and placed in the scrap metal bin. Do not put scrap metal in the recycling dumpster.

Please check the recycling guide and many other disposal options at [www.waukeshacounty.gov/productdisposal](http://www.waukeshacounty.gov/productdisposal) before placing anything in your recycling cart.

## Gardening and Recycling



While we all know that it's important to recycle your garden materials, there are some plastics that cannot go into the recycle bin. Do not put plastic trays like those shown here in your curbside recycling bins—and do not put them in your huge pile of yard waste.

So where the heck do they go? Those plastic containers and planting trays can go back to your local garden store or nursery. Or, hop on YouTube and check out the fun and ingenious ways you can reuse your empty plastic plant containers.

## How to Dispose of Paint

It is important to dispose of paint properly. Not all paint types are disposed of the same way.



**For Latex Paint:** Let them dry out or use a "waste paint hardener" which can be found at most hardware stores. Once the paint is dry, then throw it in the trash. Or, donate left over or unwanted paint to local schools or drama clubs, or give it away on a Buy, Sell, Trade group.

**For Oil-Based Paint:** Oil-based paints, stains, and lacquers can be dropped off at Household Hazardous Waste collection sites. Some home improvement stores will also take these items.



## 2023 Waukesha County Household Hazardous Waste Disposal Schedule

Spring cleaning season has arrived, and Waukesha County Parks & Land Use reminds residents to visit Household Hazardous Waste (HHW) Collection sites to safely dispose of chemicals and dangerous materials. Waukesha County has three free sites and four one-time collection events for residents.

HHW **ongoing collection sites** are free to Waukesha County residents with proof of residency. View schedules at [www.WaukeshaCounty.gov/HazardousWaste](http://www.WaukeshaCounty.gov/HazardousWaste).

- **Menomonee Falls:** Veolia Environmental Services, W124N9451 Boundary Road
- **Muskego:** North of Emerald Park Landfill, W124S10391 South 124 Street
- **Waukesha:** **NEW LOCATION** 1500 N University Dr. (near the water tower)

All Waukesha County residents are welcome at **one-time collection events** with proof of residency:

- **Mukwonago** May 20: Village Public Works Garage, 630 Hwy NN
- **Brookfield** June 3: City Public Works Yard, 19700 Riverview Dr.
- **Delafield** June 17: City Dept. of Public Works, 111 Main St.
- **Oconomowoc** September 9: City Public Works Garage, 630 S. Worthington St.

Old, unusable chemicals, pesticides, wood preservatives, solvents, oil-based paints, and mercury-containing products are accepted. Not accepted are latex paint, non-hazardous cleaning materials, motor oil, and oil filters.

## No Grass Clippings in Streets

The City of Pewaukee prohibits blowing grass clippings into the street, trails, or sidewalk. If grass clippings are placed on these areas, they can:

1. Create an unsafe passage on the public right of way. Grass clippings can make the road slippery, especially for motorcyclists, which can cause an accident.
2. Blowing clippings towards the road can launch a rock or wood debris into the road and cause damage or injury to vehicles or people passing by.
3. If left in the roadway, storm water can pick up the clippings, including any fertilizers or chemicals placed on the lawn to waterways. The clippings eventually turn into excessive nutrients combined with the chemicals put on the lawn which feed algae in those ponds, streams, and lakes. This can turn waterways into a green and blue algae bloom which causes fish kills and putrid smelling water.
4. Clippings can contribute to clogging of storm drains and storm sewers which may cause flooding of streets.

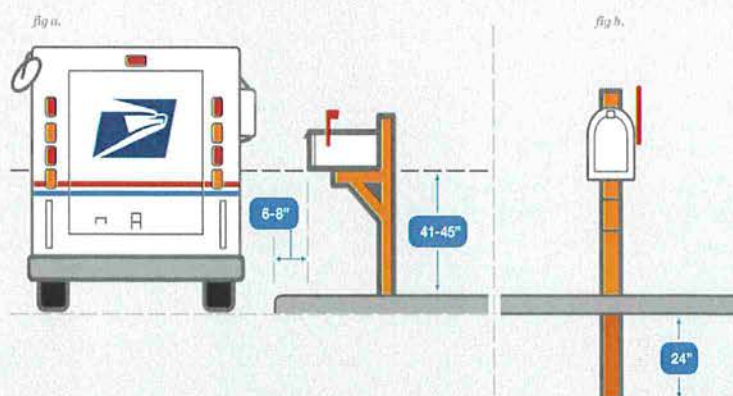


So what can you do with those grass clippings? You can use them as a fertilizer, compost, mulch, or drop them off at the recycling center. Please **do not use plastic bags** when recycling your clippings or yard waste! Instead, use the paper yard waste bags available at most home stores to transport your yard waste. The city is part of a program to take the yard waste and grass clippings dropped off at the recycling center to a composter. Plasti bags in our load will result in rejection of those loads. John's Disposal will also pick up yard waste that has a sticker attached. Stickers can be purchased at City Hall during normal business hours. You must call John's Disposal to schedule this pickup at (262) 473-4700.

## Mailbox Maintenance Time

It is important for residents and business owners to conduct periodic mailbox inspections and perform routine maintenance on your mailbox. Check for adequate construction of materials and the condition of the mailbox and support post. The mailbox should be installed and maintained to withstand snow coming off the end of the plow.

Summer is the perfect time to get this work done. Remember, the mailbox must be approximately 3'6" above ground grade. Additionally, guidelines such as post installation, mailbox size, etc. are available on the USPS website: <https://www.usps.com/manage/mailboxes.htm>.





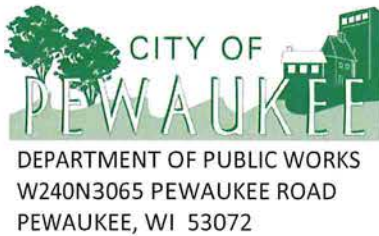
## Department of Public Works New Highway Garage

The City of Pewaukee Highway Division provides routine maintenance and repair of all public pavements and surface infrastructure within the street right-of-way. The Highway Division is responsible for snow and ice control, equipment maintenance, street sweeping, pothole filling, storm drainage, street lighting, sign maintenance, and brush and tree maintenance within the city right-of-way, as well as a whole list of other duties.

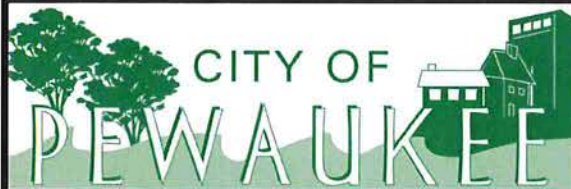
City Highway staff are in the process of moving into the new Department of Public Works garage (see photos below) located on the corner of Duplainville Road and Green Road. The new salt shed, fueling island, and recycling yard are currently under construction. The existing Recycling Center will remain at City Hall until further notice.



City of Pewaukee • Department of Public Works • W240N3065 Pewaukee, WI 53072 • Office: (262) 691-0804







## Department of PUBLIC WORKS

2023 Fall/Winter

### What to Do with All Those Leaves

With the changing of seasons those beautiful leaves are falling fast. Not only can those piles of leaves be an eyesore, they can actually be damaging to city infrastructure. Storm drains, sewer systems and bike lanes can get clogged up, sometimes leading to flooding on the roadways.

The City of Pewaukee does not pick up leaves piled at the street. You should not sweep or blow leaves from your yard into the street. Below are a few important reasons why.

**A road with wet leaves can be just as slippery as an icy road.** The water on the leaves make it difficult for vehicle, motorcycle and bicycle tires to find traction and may cause an accident. Leaves can also hide potholes, pavement markings, and other obstacles on the road.

**It's harmful to the environment.** When leaves are not left in the yard to decompose, they often end up in the streets where they are washed into storm drains. From the storm drains, they make their way into lakes and rivers where they continue to decompose and release the nutrient phosphorus into water-bodies. Algae then uses these nutrients to grow in higher levels than normal, turning lakes green, using up oxygen that plants and fish need, and decreasing water quality.



**Most importantly,** it's against City Ordinance to rake or blow leaves and grass clippings from your property into City streets.

**Then what should I do with my leaves?** Mow and then leave the grass clippings and leaves on the lawn, use them as mulch, try composting them in your backyard, or collect grass clippings and leaves and bring them to the City Recycling Center located behind City Hall (during Recycling Center hours of operation, permit required).

**Consider adopting a storm drain and keep it clear of leaves and debris.** For more information visit <https://www.waukeshacounty.gov/adoptadrain> or call (262) 896-8300.

### Inspect Your Mailbox Before the Snow Flies

The snow and wind keeps our City snow plow drivers very busy in the winter. Every year we advise our residents to inspect their post and mailbox to make sure that it doesn't need to be repaired or replaced. Grab it and give it a good shake. If it wiggles at all, that's a good indication that it needs some maintenance. Mailboxes should be installed and maintained to withstand the snow coming off the end of the plow. Remember to clear the area around the mailbox after every snowfall.

The City of Pewaukee is compiling an inventory of mailboxes found in poor condition. You may be notified if we find that your mailbox needs to be repaired or replaced. Guidelines regarding mailbox placement is available on the USPS website: <https://www.usps.com/manage/mailboxes.htm>. **Please Note: If you do not make necessary repairs or replacement, the City will not repair your mailbox if it is damaged during snow plow operations.**

### PUBLIC WORKS DEPARTMENT

W240N3065 Pewaukee Road  
Pewaukee, WI 53072

**Office: (262) 691-0804**

Email: [publicworks@pewaukee.wi.us](mailto:publicworks@pewaukee.wi.us)

Regular Hours: Monday-Friday  
8:00 a.m. to 4:30 p.m.

Drop Box Available 24/7 in the  
City Hall Main Foyer

#### Engineering Division

Magdelene Wagner, P.E.  
Director of Public Works/  
City Engineer

#### Streets Division

Matthew Stevens  
Street Superintendent

#### Water & Sewer Utility Division

Jane Mueller, Utility Manager

### RECYCLING CENTER

Open Saturdays Year-Round:

9:00 am to 3:00 pm

Open Wednesdays April thru Nov:

1:00 to 6:00 pm

*City Recycling Permit Required*

### EMERGENCY NUMBERS

City Road Emergency: (262) 466-5070

City Sewer or Water: (866) 248-7555

LPSD Sanitary Sewer: (262) 366-4627

### OTHER CONTACT NUMBERS

Billing City Water/Sewer (262) 691-0804

County Road Issues (262) 548-7736

Dead Deer on City Road (262) 691-0804

Dead Deer-County Road (262) 548-7736

Hydrant Water Use (262) 691-0804

Johns Disposal (262) 473-4700

Spills or Illicit Discharge (800) 943-0003

Storm Drainage Issues (262) 691-0804



# 2023-24 PUBLIC WORKS PROJECT UPDATES

For more details on the projects listed below, please visit our website at  
[www.cityofpewaukee.us/480/Road-Construction](http://www.cityofpewaukee.us/480/Road-Construction)

## City Road & Bridge Projects

- **Busse Road Bridge Replacement:** The project is under design with construction over the Pewaukee River anticipated in the late summer of 2024.
- **Duplainville Road and Trail:** Restoration and miscellaneous repairs continue.
- **Ridgeview Corporate Phase 1:** The project is under design with construction along Corporate Court and Westwood Drive anticipated in 2024.
- **The Highlands Subdivision Road Project:** Paving and miscellaneous touch-ups will begin in the coming weeks.
- **Joseph Road:** A Public Hearing will be held on October 16<sup>th</sup> to determine whether to move forward with the project.
- **Meadowbrook Farms Phase 3:** Reconstruction of the speed humps will begin in the coming days.
- **Meadowbrook Farms Phase 4:** The project is under design with construction along Fieldhack Drive anticipated in 2024.
- **Shady Lane and Shady Nook:** The project will be rebid later this year with construction of the road and drainage improvements anticipated in 2024.
- **Takoma Hill Subdivision Road Project:** The project is under design with construction anticipated in 2024. The City of Waukesha will also complete a utility project within the area.

## Storm Water Utility Projects

- **Hill N Dale Pond:** Restoration and miscellaneous touch-ups will continue for the coming weeks.
- **Springdale Estates Drainage Easement:** Design of Phase 1 is underway. Construction is targeted for 2024.
- **Valley Brook:** Construction will continue into November 2023.
- **Wagner Park Pond Dredging:** Construction will begin in the coming weeks and will continue into December 2023.
- **Yench Road Culvert Replacements:** Construction over Coco Creek will begin in the coming weeks and will continue into December 2023.

## Water & Sewer Utility Projects

- **Bluemound Water Main Loop:** The project is under design with construction anticipated in May 2024 and continues through 2025.
- **Gun Club Lift Station:** Construction is anticipated to begin in December 2023 and continue through 2025.

*City Hall will be closed for the holidays on December 25, 26, at noon on Dec 29th, and January 1st*

## Weekly Recycling Pick-Up Starts in 2024

Effective January 1, 2024, Johns Disposal will begin weekly recycling pick-up. This is a change from the current every-other week recycling collection. Residents will place both garbage and recycling carts out for pick-up on the same day each week as listed on a schedule provided by Johns Disposal. Watch for additional information on the City website at [www.cityofpewaukee.us](http://www.cityofpewaukee.us) as we get closer to January.



## Tree Trimming Etiquette

The Streets and Forestry Department is reminding property owners to trim or remove tree branches or bushes from the city right-of-way, private property and boulevard areas to avoid creating safety hazards by obstructing traffic signs at intersections and other areas in the city.

Property owners can be cited for failure to remove obstructions. It is a safety issue. In some instances, a driver approaches an intersection and they cannot see the stop sign, yield sign, school zone sign or other important traffic signs due to overhanging tree limbs laden with leaves, or bushes with overgrowth obstructing the view of the sign. We want to remind homeowners that it is their responsibility to keep trees and bushes located on private property trimmed so there is no obstruction to signage for oncoming traffic.



Also, Wisconsin recognizes the common law right of self-help to cut encroaching branches at the property line. Even though a tree may be planted by your neighbors well within their property lines, over time as the tree grows, the branches can extend beyond the property line into your yard. If limbs or branches from your neighbor's tree extend into your property line, you are legally allowed to trim the areas hanging over your property. When trimming them, however, you must stay on your own property. This means you may not go into your neighbor's yard for a better angle when cutting the tree. Please use extreme caution when trimming trees and be sure to stay aware of your surroundings. Make sure you clean up the branches and brush when you're done.

## Protect Your Home's Water Pipes

With cold weather quickly approaching, it is important for home and business owners to act now to protect their water pipes from freezing or bursting. Below are ways to help protect your pipes this winter:

- Double-check outdoor hose bibs to make sure all hoses are disconnected and faucets are turned off and drained. Outdoor spigot covers can be purchased to help prevent water in the faucet from freezing.
- Make sure your basement is properly insulated, and check areas where cold air may be rushing in.
- Insulate pipes in unheated areas like crawl spaces, unheated garages, and attics.
- Leave some heat on in unused areas of your home.
- If you leave home for a few days, keep your thermostat on at least 55 degrees and open any cabinets where sink plumbing is against an outside wall.
- Never try to thaw a frozen pipe with an open flame.
- Ensure your furnace vents are clear of snow and ice. A clogged furnace vent can cause a backup of toxic carbon monoxide in your home.
- Find the master shut-off valve that turns off the water to your entire home—it's usually in the basement—and make sure everyone in your home knows where it is in case a pipe does freeze and burst.



**Winter Parking Ordinance—Overnight parking is not allowed in the City of Pewaukee**





## Recycling Center Fall/Winter Schedule Begins

The City of Pewaukee Recycling Center will be **closed on Wednesdays as of December 6, 2023** for the winter season. The Recycling Center remains open on Saturdays from 9:00 a.m. to 3:00 p.m. year-round, except on holidays. A City recycle permit tag must be displayed in your vehicle at time of drop-off. City tags can be obtained at no charge from the City Clerk's office at City Hall during regular business hours. For more information, or a list of acceptable items allowed in the Recycling Center, please visit our website at [www.cityofpewaukee.us](http://www.cityofpewaukee.us) and search Garbage and Recycling.

**Reminder:** Real Christmas trees must be completely stripped of all decorations including tinsel, ornaments, lights, etc. before they are brought to the Recycling Center. Artificial trees are **not** allowed in the Recycling Center.

## Correct Garbage & Recycling Cart Placement

Garbage and recycling carts should be placed at the end of your driveway, six feet from cars, trees or other obstructions with cart lids open towards the street. No materials shall be placed on top of the carts. Carts should be put out no earlier than 24 hours before regular collection time and returned as soon as possible, but no later than 24 hours after collection. **PLEASE DO NOT PLACE YOUR CARTS IN THE ROADWAY!**

Putting your garbage in trash bags rather than loose in your cart helps prevent litter, avoids attracting wildlife, and keeps our neighborhoods clean.

### Winter Garbage Container Placement



Do **NOT** place these items in your garbage cart for collection:

- Recyclables
- Leaves
- Grass clippings
- Branches and brush
- Appliances
- Electronics
- Hazardous waste
- Automotive items, tires

**Recyclables should be kept loose in the cart—please do not put them in plastic bags.** Recycling is required by State law and City Ordinance.

## Proper Disposal of Used Batteries

Batteries used in many household and office products contain a variety of heavy metals and other materials that can be harmful to human health and the environment if not disposed of properly.

**Lithium and Lithium-ion batteries** pose a fire risk when disposed of improperly. They contain toxic chemicals that can leach into the soil and contaminate the ground. When disposing, place each individual battery in a separate clear plastic bag.

The batteries listed below **MUST** be properly disposed of as **hazardous waste**:

- Lithium and lithium-ion batteries
- Button batteries
- Rechargeable nickel-cadmium batteries
- Nickel-metal hydride batteries
- Sealed lead-acid batteries
- Mercury oxide batteries

Single-use alkaline batteries have little recycling value and may be safely thrown in the trash. For more information, visit <https://dnr.wisconsin.gov> and search "Household Battery Recycling".



**Rock salt becomes ineffective at melting ice and snow when the temperature falls below 15 degrees.**

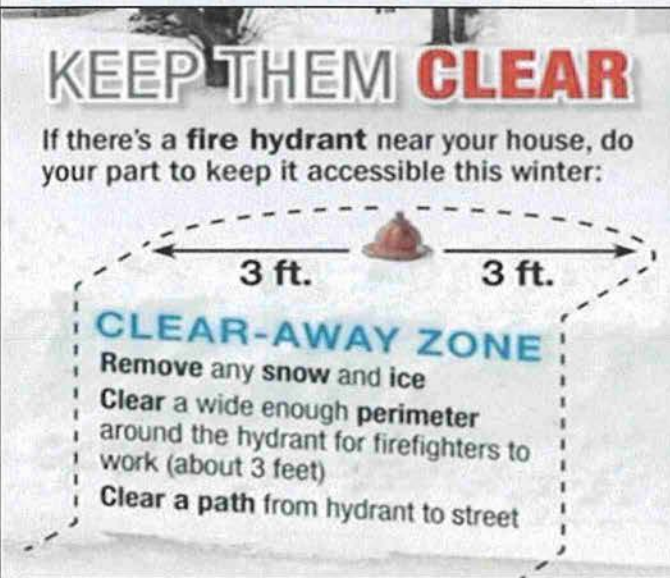


## Help Keep Fire Hydrants Clear of Snow

If you have a fire hydrant in your front yard, please help by keeping it clearly visible from the road. Firefighters lose valuable time trying to locate a hydrant buried in snow when they arrive at a fire. You are performing a valuable public service and protecting yourself, your family and your neighbors by taking on the responsibility of shoveling out and clearing the fire hydrant near your home. With plenty of snow on the way, we would like to offer these suggestions:

- \* Know the location of the nearest fire hydrants.
- \* Make sure hydrants are shoveled after each snowfall.
- \* Clear the snow at least 3 feet around the hydrant so firefighters have enough room to access the hydrant.

We appreciate your help in keeping our City safe by clearing out the hydrants near your property.



## Where to Dispose of Your Pumpkins

City residents can dispose of pumpkins, gourds and similar organic materials at the Recycling Center. All pumpkins must be free of decorations, including candles. Residents are also allowed to put pumpkins in their garbage cart. A good alternative is to chop the pumpkin into pieces and put it in a compost area or garden. Cover it with leaves so those nutrients stay in the soil. Composting is a more sustainable option rather than throwing them in the trash, and it reduces solid waste disposal costs.

## Don't Plow or Blow Snow in the Street

This is an important reminder to all City of

Pewaukee residents and business owners that shoveling, pushing or blowing snow or ice into the streets or right-of-way, or across public roadways creates unsafe conditions for drivers and is punishable by law.

When plowing your private street or driveway, make sure you do not block the intersection's vision corners to ensure a clear view of traffic.

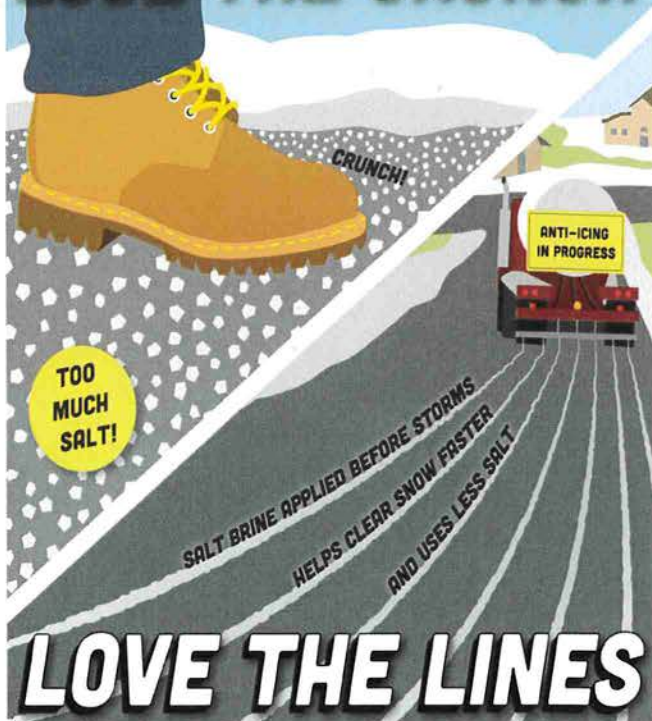
**Remember to notify your snow/plow removal contractors as they must comply with these laws as well.**

Thank you for doing your part to help keep our streets and sidewalks safe for everyone.

*Pewaukee Ordinance Chapter 10.09. Deposit of Snow in the Streets or Right-of-Ways; Wis. State Statute 346.94(5).*



## LOSE THE CRUNCH



*A 12-ounce cup or mug full of salt is enough to melt ice on a 20-foot driveway*



## Trail Etiquette - Who Has the Right of Way?

There are a number of trails in the City, and although we're sure most walkers out there enjoy their fair share of peace and solitude on the trail, odds are you'll eventually end up sharing the trail with others.

But don't worry—whether you are sharing the outdoors with fellow walkers/runners (hikers), or bikers, there are general guidelines for *how* to share that tiny trail space with others.

**Hikers vs. Bikers:** Since bikes are considered more maneuverable than hikers' legs, bikers are generally expected to yield to hikers on the trail. However, because those bikes are often moving considerably faster than said legs, it is usually easier for hikers to yield the right of way—especially if the biker is huffing and puffing up a tough incline. A biker should never *expect* a hiker to yield, though.

**Hikers vs. Hikers:** If you're about to pass another hiker from behind, a simple "hello" is often the best way to announce your presence. Always hike single file, never taking up more than half the trail space and when a group meets a single hiker, it's generally preferable for the single hiker to yield and step safely to the side. Remember, when in doubt, just treat hikers and bikers the same way you would treat the trail itself—with respect. Then get back to enjoying that solitude!



Waukesha County  
Park System

## TRAIL ETIQUETTE

- Be courteous and respectful of others along the trail
- Stay on the designated trail
- Don't block the trail - pull off on shoulder to stop
- Keep the trail clean - don't litter
- Keep right - announce yourself and pass on the left
- Keep dogs under control and leashed
- Pick up all animal waste
- Travel at a safe and controlled speed

To report hazardous trail conditions

Call:  
(262) 548-7801

Download Mobile App:  
YourGOV 

For emergencies 

Thank you for your cooperation.  
[www.waukeshacountyparks.com](http://www.waukeshacountyparks.com)

**City Hall will be closed for the holidays on December 25, 26, at noon on Dec 29th, and January 1st**



DEPARTMENT OF PUBLIC WORKS  
W240N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072



# Important Information About Keeping Grass Off City Streets

## PROPER STORM WATER MANAGEMENT

Many homeowners and landscape companies are guilty of sweeping or blowing yard waste, like grass clipping and leaves, into the street. Storm drains, inlets, ditches, streets and other parts of the storm drainage system are not part of the sanitary or sewer system. Sanitary sewer waters are treated, storm sewer waters are not.

In the City of Pewaukee, it is illegal to dump, sweep, rake or blow grass clippings and yard waste into drains, ditches and streets. When it rains, yard waste left in the streets, on sidewalks or on driveways will wash into nearby storm drains. These drains become clogged and often lead to flooding in streets and nearby properties. Expensive equipment and labor are often required to remove clogs in drainage systems and ditches.

While grass clippings, tree leaves and other yard waste are organic, they still pollute our local waterways. When yard waste washes into storm water drains it eventually breaks down or decomposes and discharges directly to the creeks, rivers, and lakes where you and your children may swim. Yard waste also depletes the oxygen in the water. Aquatic life, such as fish, need oxygen to survive. If oxygen levels become too low, fish and other aquatic life cannot survive.



## PREVENT SAFETY HAZARDS

Grass clippings on roadways not only clog storm drains, they can be a real safety hazard for motorcyclists and bicyclists. The tiny blades of grass are comprised of 85% water and are very slippery. Wet or dry, when blown onto the streets or highways, the grass clippings can come between a motorcycle's tires and the pavement and cause a loss of traction. The simple act of blowing your grass clippings back into your yard could help prevent a serious accident, or worse.

## HOW TO HANDLE YARD WASTE

**Leave it on the lawn**, use it to improve your landscape, or compost your yard waste. Grass clippings left on the lawn do not contribute to thatch, but return valuable nutrients to the soil. This may reduce your need for chemical fertilizers. During the fall, a light covering of leaves can be mowed without the catch-bag, leaving the shredded leaves on the lawn. And, as leaves contain 50-80% of the nutrients that a plant extracts from the soil and air during the growing season, you are taking advantage of a natural resource.

**Mulching** is a simple and effective way to recycle leaves and improve your landscape. It reduces evaporation from the soil surface, inhibits weed growth, moderates soil temperatures, keeps soil from eroding and crusting, and prevents soil compaction. As organic mulch decomposes, valuable nutrients are released for use by plants.

**Composting** is an easy way to recycle yard waste. Compost is a dark, crumbly and earthy-smelling form of organic matter that has gone through a natural decomposition process. It can be used to enrich the soil by adding nutrients, loosen tight, heavy soils, help sandy soils retain moisture and nutrients, add to potting soils for container grown plants, and mulch around landscape plants and gardens.

## HOW CAN I HELP?

In the City of Pewaukee, blowing or sweeping yard waste into the streets, sidewalks, driveways or storm drains is illegal. If caught, a citation may be issued for violating City Ordinance 19.20b. Please ensure your lawn maintenance contractor operates in accordance with City code.

If you see a clogged ditch or storm drain, or illegal dumping, please report it to the City of Pewaukee, Department of Public Works at (262) 691-0804.

**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 5.**

**DATE:** April 15, 2024

**DEPARTMENT:** PW - Stormwater

**PROVIDED BY:** Magdelene Wagner

***SUBJECT:***

Discussion and Possible Action Regarding the Awarding the Springdale Estates Drainage Easement Project to the Lowest Qualified Bidder, Ridge Excavating, LLC in the Amount of \$295,323.70 [Wagner]

***BACKGROUND:***

Springdale Estates Drainage Easement project was previously authorized by Council for bidding. The projects consists of removing trees, resetting storm sewer end sections, and regrading the drainage swale contained within a drainage easement within Springdale Estates. The project will address flooding on some adjacent properties and around utilities to the easement and repair storm sewer end sections which have separated from the storm sewer creating an erosion issue.

The project was bid and we received 3 bids ranging from a low bid of \$295,323.70 to a high bid of \$343,172.00. The low bid was reviewed and determined to be valid.

Staff is recommending award of the Springdale Estates Drainage Easement project to the lowest qualified bidder of Ridge Excavating LLC in the amount of \$295,323.70.

***FINANCIAL IMPACT:***

The total project cost is \$369,154.63 including engineering, administration, and contingency. The 2024 budget included \$250,000 for this project.

Staff requests reallocating the following to complete this project:

Springdale Estates Drainage Phase 2 \$ 20,000  
Westwood/Corporate Court \$100,000

***RECOMMENDED MOTION:***

Council award the Springdale Estates Drainage Easement project to the lowest qualified bidder, Ridge Excavating, LLC in the amount of \$295,323.70. In addition, authorize the reallocation of funds as outlined as needed for the project.

**ATTACHMENTS:**

Description  
Recommendation of Award  
Plans



April 9, 2024

Magdelene Wagner, PE  
Director of Public Works  
City of Pewaukee  
W240 N3065 Pewaukee Road  
Pewaukee, WI 53072

**Subject: LETTER OF RECOMMENDATION  
Springdale Estates Drainage Improvements  
AECOM Project No. 60339891**

Dear Ms. Wagner,

Pursuant to the Official Notice to Bidders, sealed bids for the subject project were received at Pewaukee City Hall on March 28, 2024, at 11:00 a.m., and publicly opened and read aloud. We have reviewed the bids received for the work and have enclosed a Bid Tabulation for your information. We take this opportunity to submit our written recommendations for the award of this contract.

Three sealed bids were received. The apparent low bid was submitted by Ridge Excavating, LLC; of Richfield, Wisconsin, in the amount of \$295,323.70. The Engineer's Opinion of Probable Construction Cost was \$300,800.

It is our opinion that the lowest bidder, Ridge Excavating, LLC, submitted a responsive bid, and is qualified and capable of performing the work as specified. It is therefore recommended that a contract be awarded to Ridge Excavating, LLC, in the amount of **\$295,323.70**.

We respectfully present this recommendation for your review and consideration. If you have any questions, please feel free to contact me at [rick.eilertson@aecom.com](mailto:rick.eilertson@aecom.com) or 608-402-5862.

Yours sincerely,



Rick Eilertson, PE, ENV-SP  
Project Engineer – AECOM

E-Copy: Rich Wirtz, PE, CFM, City of Pewaukee  
Emma Connell, Lu Chen, EIT, AECOM

Attachment: Bid Tabulation

**BID TABULATION**  
**Springdale Estates Drainage Improvements - 60339891**  
**City of Pewaukee, Wisconsin**  
**Bid Opening: March 28, 2024, at 11:00 AM, Local Time, Pewaukee City Hall**

Item #	Item	Bid Quantity	Units	Ridge Excavating, LLC		All-Ways Contractors, Inc.		C.W. Purpero, Inc.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization, Insurance, Bonds	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 16,000.00	\$ 16,000.00	\$ 15,000.00	\$ 15,000.00
2	Tree Protection Fencing	842	LF	\$ 4.00	\$ 3,368.00	\$ 4.50	\$ 3,789.00	\$ 6.00	\$ 5,052.00
3	Type D Inlet Protection	6	EACH	\$ 75.00	\$ 450.00	\$ 100.00	\$ 600.00	\$ 130.00	\$ 780.00
4	Traffic Control	1	LS	\$ 4,500.00	\$ 4,500.00	\$ 2,200.00	\$ 2,200.00	\$ 5,000.00	\$ 5,000.00
5	Stone Tracking Pad	3	EACH	\$ 1,500.00	\$ 4,500.00	\$ 1,200.00	\$ 3,600.00	\$ 1,800.00	\$ 5,400.00
6	Erosion Log, 12-inch	100	LF	\$ 6.95	\$ 695.00	\$ 8.00	\$ 800.00	\$ 13.00	\$ 1,300.00
7	Pipe Check	2	EACH	\$ 30.00	\$ 60.00	\$ 50.00	\$ 100.00	\$ 200.00	\$ 400.00
8	Selected Clearing and Grubbing	1	LS	\$ 74,416.00	\$ 74,416.00	\$ 71,700.00	\$ 71,700.00	\$ 78,000.00	\$ 78,000.00
9	Dewatering	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00
10	Remove and Reset 42" Concrete Endwall	1	EACH	\$ 2,500.00	\$ 2,500.00	\$ 2,480.00	\$ 2,480.00	\$ 7,000.00	\$ 7,000.00
11	Remove and Reset 30" Concrete Endwall	1	EACH	\$ 2,500.00	\$ 2,500.00	\$ 2,480.00	\$ 2,480.00	\$ 6,500.00	\$ 6,500.00
12	Remove and Reset 12" Concrete Endwall	1	EACH	\$ 1,500.00	\$ 1,500.00	\$ 1,580.00	\$ 1,580.00	\$ 3,500.00	\$ 3,500.00
13	18" RCP Storm Pipe	16	LF	\$ 156.00	\$ 2,496.00	\$ 135.00	\$ 2,160.00	\$ 315.00	\$ 5,040.00
14	18" RCP Apron Endwall	2	EACH	\$ 2,000.00	\$ 4,000.00	\$ 1,250.00	\$ 2,500.00	\$ 2,100.00	\$ 4,200.00
15	3-inch Clear Stone Sump (6" Thick with Geotextile Fabric)	2	SY	\$ 2,000.00	\$ 4,000.00	\$ 150.00	\$ 300.00	\$ 1,000.00	\$ 2,000.00
16	Unclassified Excavation	1	LS	\$ 99,950.00	\$ 99,950.00	\$ 88,000.00	\$ 88,000.00	\$ 33,000.00	\$ 33,000.00
17	Topsoil Restoration, w/ Class I, Urban, Type B Erosion Mat	2729	SY	\$ 4.10	\$ 11,188.90	\$ 9.00	\$ 24,561.00	\$ 13.00	\$ 35,477.00
18	Topsoil Restoration, w/ Class III, Type B Erosion Mat	151	SY	\$ 13.10	\$ 1,978.10	\$ 18.00	\$ 2,718.00	\$ 44.00	\$ 6,644.00
19	Turfgrass Seed Mix	918	SY	\$ 0.86	\$ 789.48	\$ 2.00	\$ 1,836.00	\$ 1.00	\$ 918.00
20	Low Mow Fescue Seed Mix	1977	SY	\$ 0.86	\$ 1,700.22	\$ 2.00	\$ 3,954.00	\$ 1.00	\$ 1,977.00
21	Flexamat Channel Lining	852	SY	\$ 66.00	\$ 56,232.00	\$ 95.00	\$ 80,940.00	\$ 142.00	\$ 120,984.00
<b>BID TOTAL</b>				<b>\$ 295,323.70</b>		<b>\$ 314,798.00</b>		<b>\$ 343,172.00</b>	

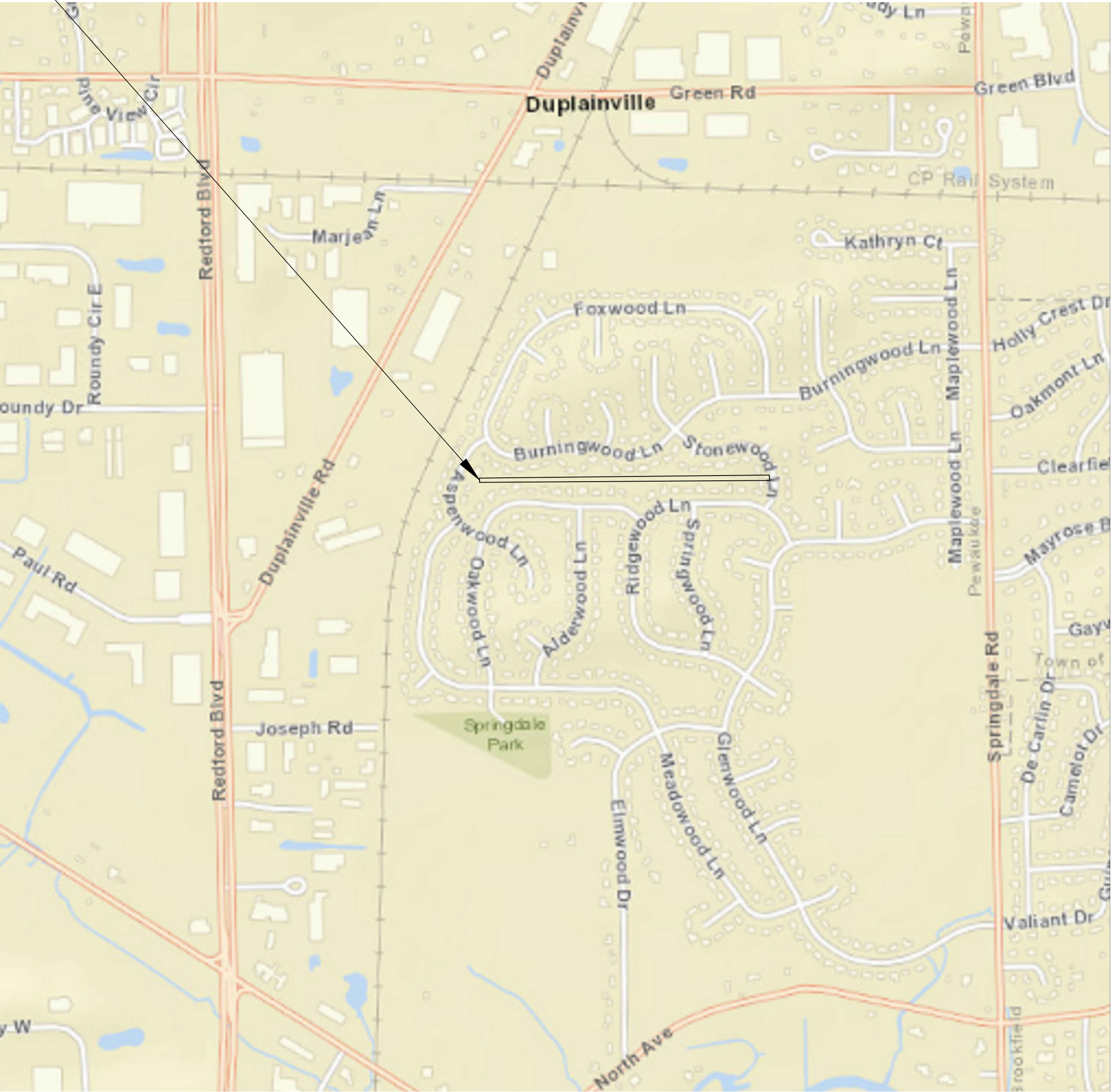
Yellow Highlighted Price Totals are Corrected from Contractor's Submitted Bid Form per Article 14.01 of Section 00 21 13



# SPRINGDALE ESTATES DRAINAGE IMPROVEMENTS

CITY OF PEWAUKEE  
PEWAUKEE, WI  
MARCH 7, 2024

PROJECT LOCATION



## INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	LEGEND AND PROJECT INFORMATION
3	SITE PLAN OVERVIEW
4-5	EROSION CONTROL SHEETS
6-9	PLANS AND PROFILES
10-12	CROSS SECTIONS
13-16	DETAILS

NOTE: MAP NOT TO SCALE

AECOM

PROJECT  
SPRINGDALE  
ESTATES  
DRAINAGE  
IMPROVEMENTS

CLIENT  
CITY OF PEWAUKEE

W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
TELE: 262-691-0770

CONSULTANT  
AECOM  
1555 NORTH RIVERCENTER DRIVE  
SUITE 214  
MILWAUKEE, WI 53212  
414.944.6080 tel 414.944.6081 fax  
www.aecom.com

REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
1	03/07/2024	BID DOCUMENTS

KEY PLAN

PROJECT NUMBER  
60339891

SHEET TITLE  
COVER SHEET

SHEET NUMBER  
1



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UTILITY CONTACTS

WE ENERGIES GAS OPERATIONS:  
KRISTEN RONGHOLT  
500 SOUTH 116TH STREET  
WEST ALLIS, WI 53214  
(262) 446-9821  
kristen.rongholt@we-energies.com

WE-ENERGIES ELECTRIC UTILITY SERVICE:  
BRYAN STOEHR  
500 SOUTH 116TH STREET  
WEST ALLIS, WI 53214  
bryan.stoehr@we-energies.com

SPECTRUM:  
NEAL LONG  
1320 N DR MARTIN LUTHER KING JR DR  
MILWAUKEE, WI 53212  
(262) 446-9821  
neal.long@charter.com

CITY OF PEWAUKEE – WATER:  
JANE MUELLER  
UTILITY MANAGER  
W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
(262) 691-0804  
mueller@pewaukee.wi.us


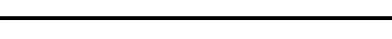

































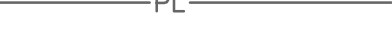







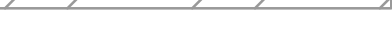

CITY OF PEWAUKEE – SANITARY:  
JANE MUELLER  
UTILITY MANAGER  
W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
(262) 691-0804  
mueller@pewaukee.wi.us

AT&T:  
JAY BULANEK  
2005 PEWAUKEE ROAD  
WAUKESHA, WI 53188  
262-896-7669; or 414-491-2855  
jb5175@att.com

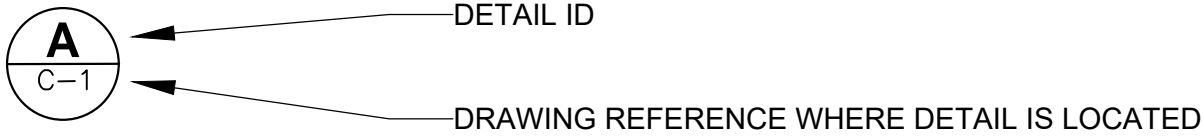
ABBREVIATIONS

B.M.	BENCH MARK
CB	CATCH BASIN
CL	CENTER LINE
C.O.	CLEAN OUT
CONC	CONCRETE
CP	CONTROL POINT
DB	DRAINAGE BASIN
DE	DRAINAGE EASEMENT
EL	ELEVATION
EX	EXISTING
I.E.	INVERT ELEVATION
L.F.	LINEAL FEET
MH	MANHOLE
PVC	POLYVINYL CHLORIDE PIPE
R	RIM ELEVATION
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
PPOL	POWER POLE
SAN	SANITARY SEWER
SB	SOIL BORING
SS	STORM SEWER
STA	STATION
TEMP	TEMPORARY
TC	TOP OF CURB
UD	UNDERDRAIN
UG	UNDERGROUND
WDNR	WISCONSIN DEPARTMENT OF NATURAL RESOURCES
WISDOT	WISCONSIN DEPARTMENT OF TRANSPORTATION
WM	WATER MAIN

LEGEND

	SANITARY MANHOLE		PROPOSED 1' CONTOUR
	CONCRETE END SECTION		PROPOSED 5' CONTOUR
	HYDRANT		EXISTING 1' CONTOUR
	WATER VALVE		EXISTING 5' CONTOUR
	POWER POLE		SANITARY SEWER LINE
	GUY WIRE		STORM SEWER LINE
	ELECTRIC METER/PEDESTAL		OVERHEAD ELECTRIC LINE
	TELEPHONE PEDESTAL		UNDERGROUND ELECTRIC
	SIGN		UNDERGROUND PHONE
	BIRD HOUSE POST		CENTERLINE ROAD
	PROPOSED STORM MANHOLE		EDGE OF GRAVEL
	FOUND IRON PIPE		CENTERLINE OF DITCH
	FOUND REBAR		TREELINE/BRUSH LINE
	AECOM TRAVERSE POINT		LANDSCAPE AREA
	BUSH		CULVERT LINE
	DECIDUOUS TREE		DATA PRODUCED FROM SUBDIVISION PLAT
	CONIFEROUS TREE		DRAINAGE EASEMENT
	ROCK		LANDSCAPE EASEMENT AND BERM AREA
	EX. STORM SEWER INLET		SANITARY SEWER EASEMENT
	EX STORM SEWER CATCH BASIN		EXISTING CONCRETE FLUME
	EXISTING RUMBLE (BROKEN CONC.)		PROPOSED SEWER CENTERLINE ALIGNMENT
	REMOVE TREE		PROPOSED SMALL DIAMETER STORM SEWER
	TREE PROTECTION FENCE		

DETAIL REFERENCE SYSTEM



PROJECT

SPRINGDALE  
ESTATES  
DRAINAGE  
IMPROVEMENTS

CLIENT

CITY OF PEWAUKEE

W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
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I/R	DATE	DESCRIPTION

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PROJECT NUMBER

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SHEET TITLE

LEGEND AND PROJECT  
INFORMATION

SHEET NUMBER

2

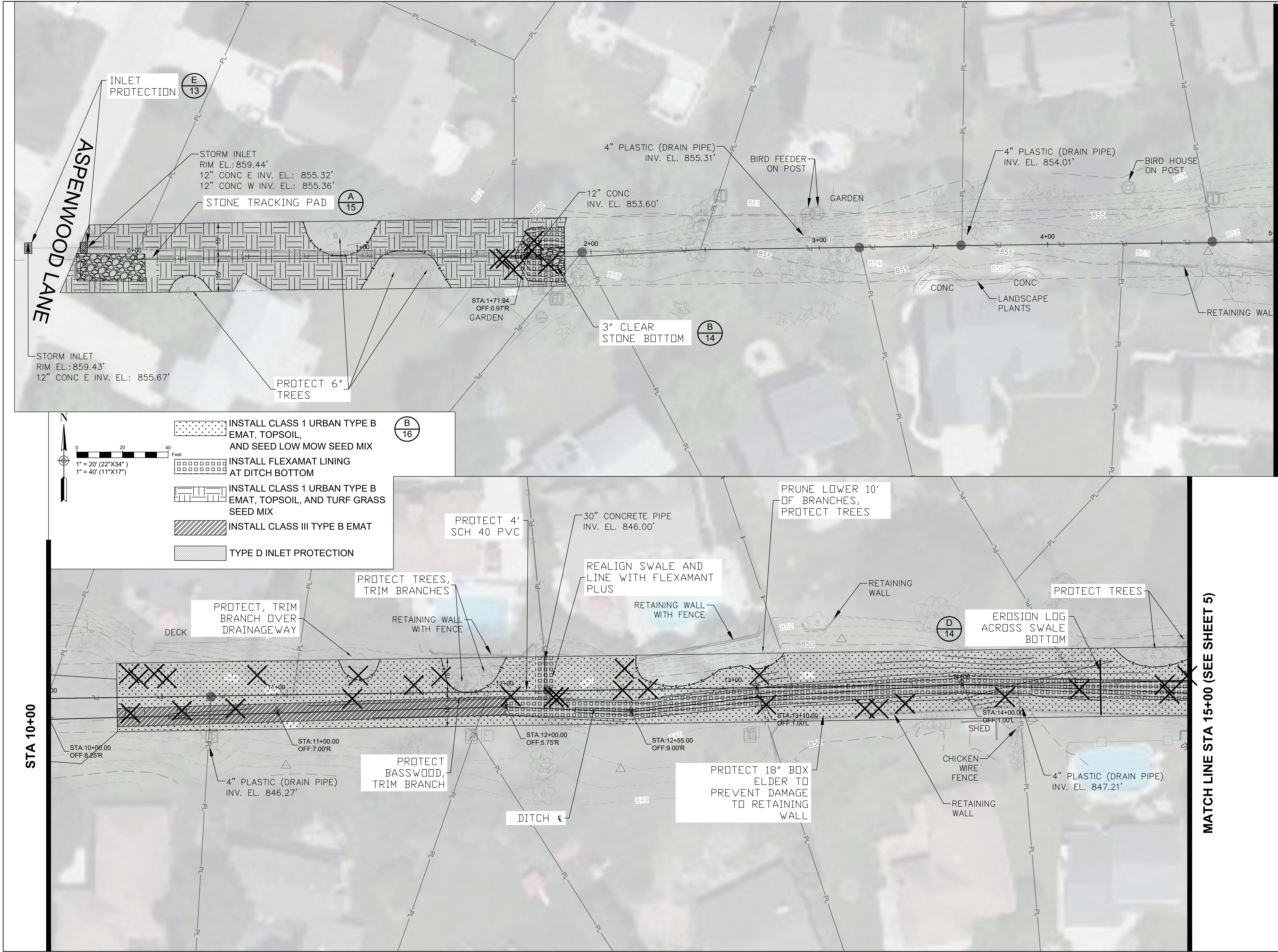




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**AECOM**

PROJECT  
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DRAINAGE  
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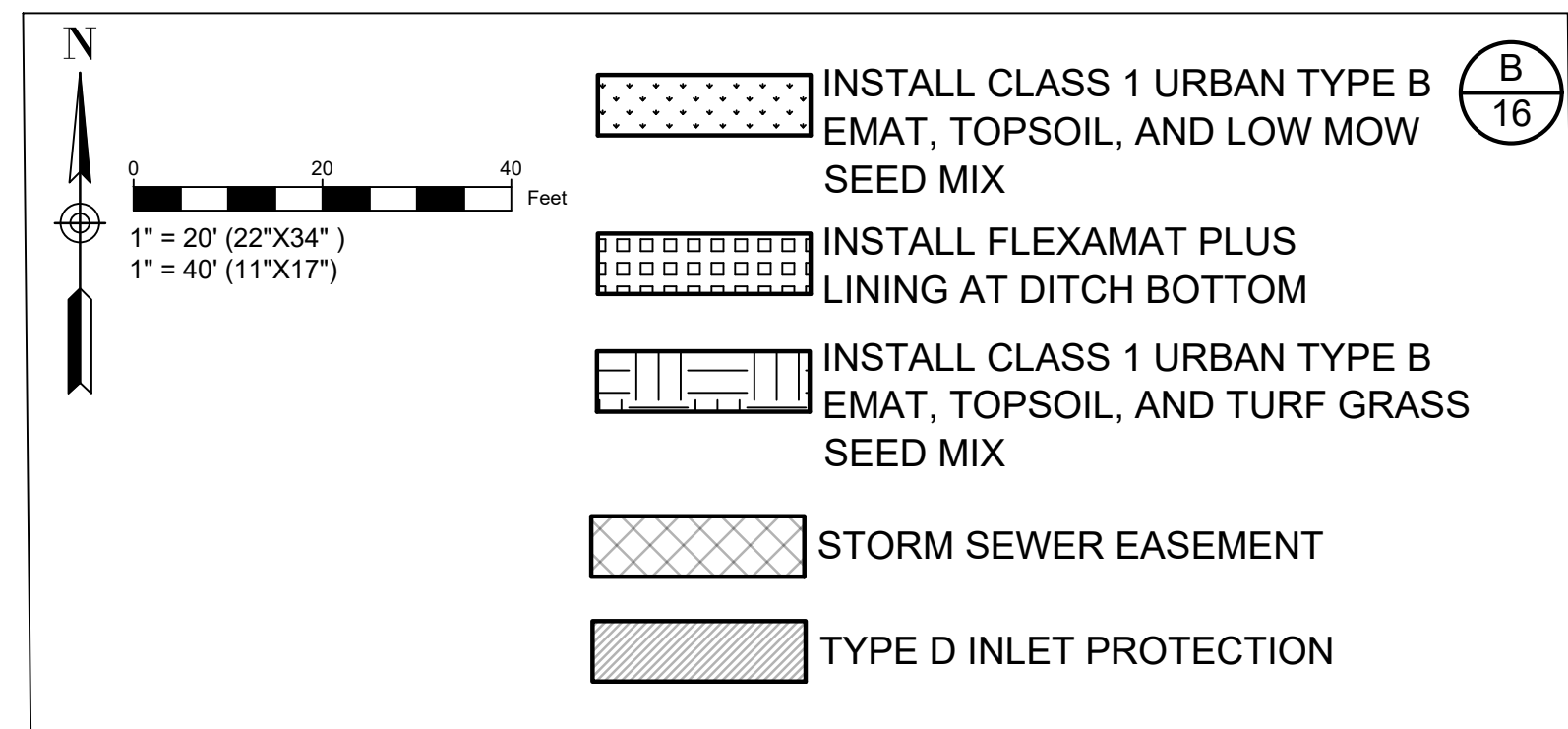
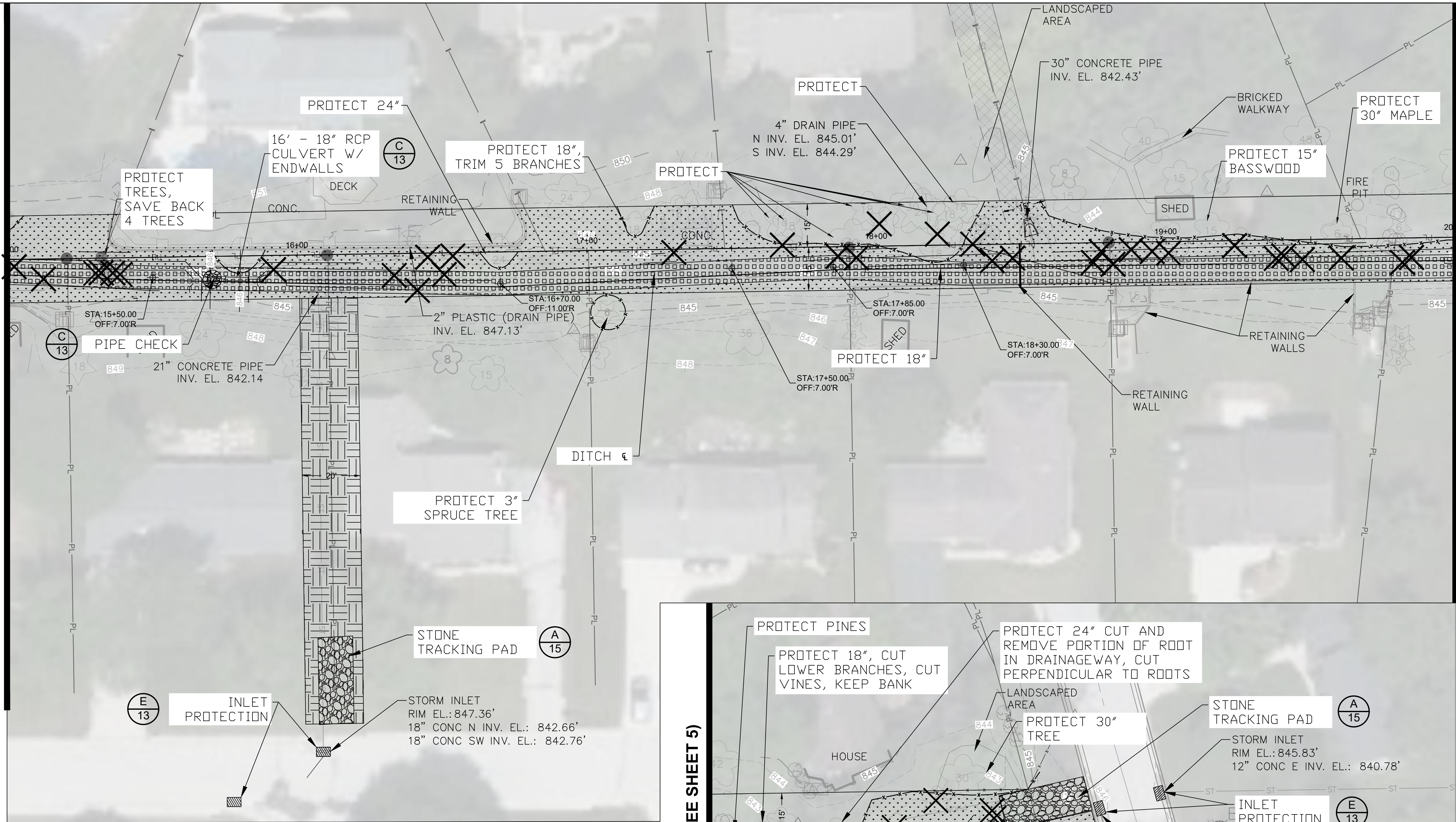
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SHEET NUMBER  
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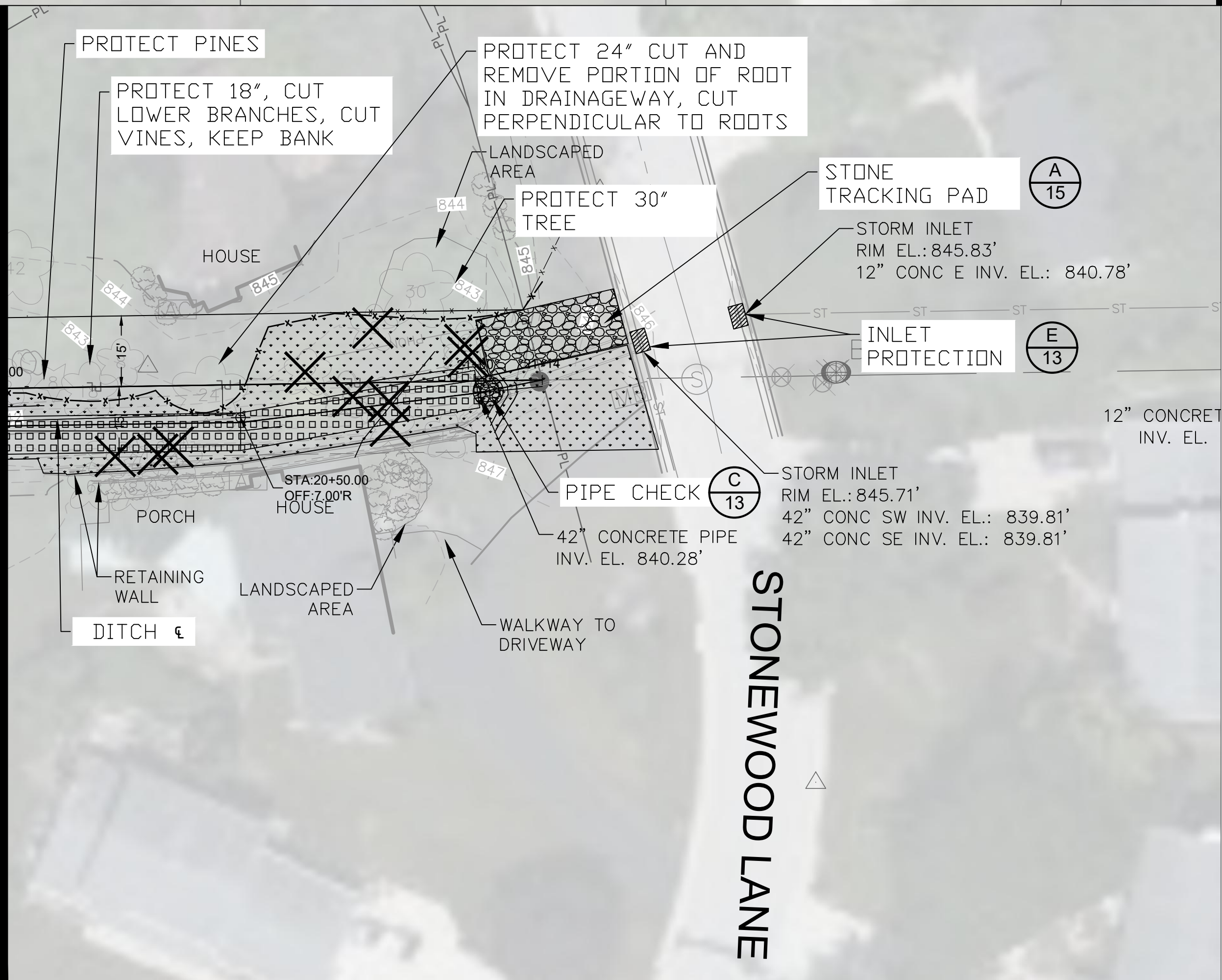


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MATCH LINE STA 15+00 (SEE SHEET 4)



MATCH LINE STA 20+00 (SEE SHEET 5)



MATCH LINE STA 20+00 (SEE SHEET 5)

**AECOM**

PROJECT

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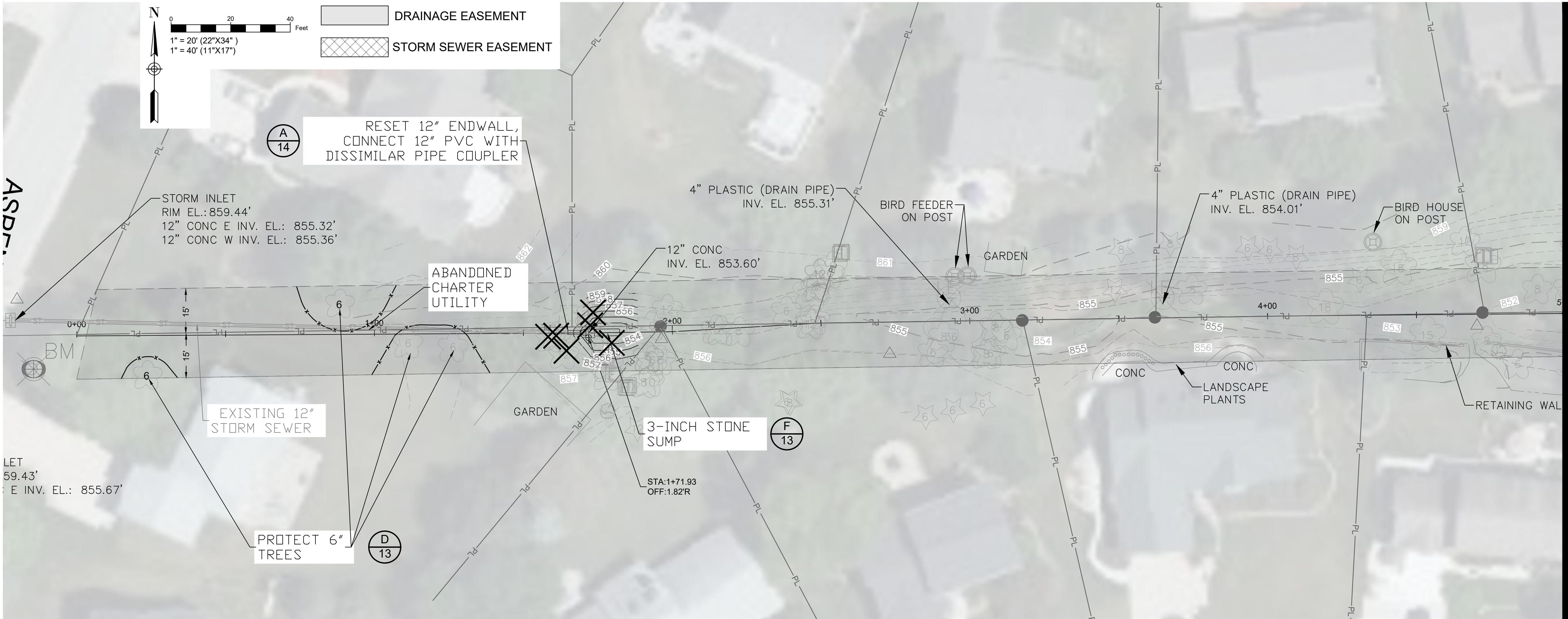
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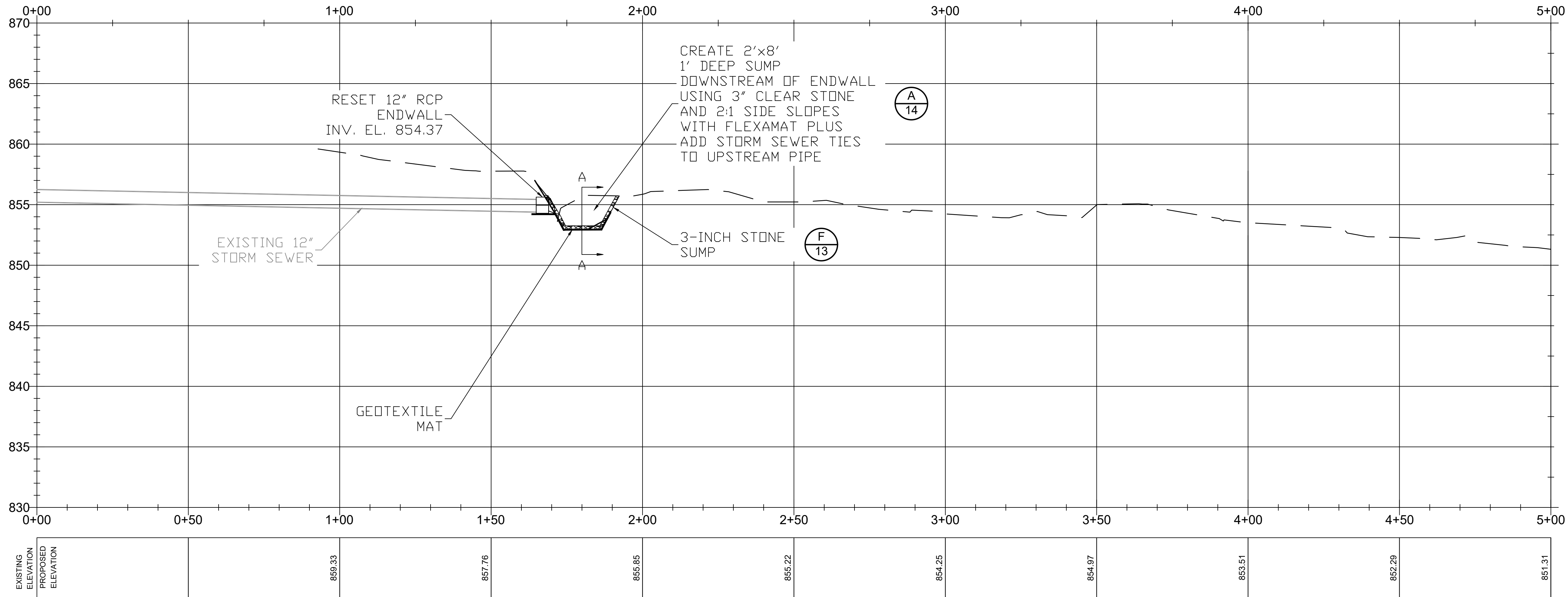
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MATCH LINE STA 5+00 (SEE SHEET 7)



PROJECT  
**SPRINGDALE  
ESTATES  
DRAINAGE  
IMPROVEMENTS**

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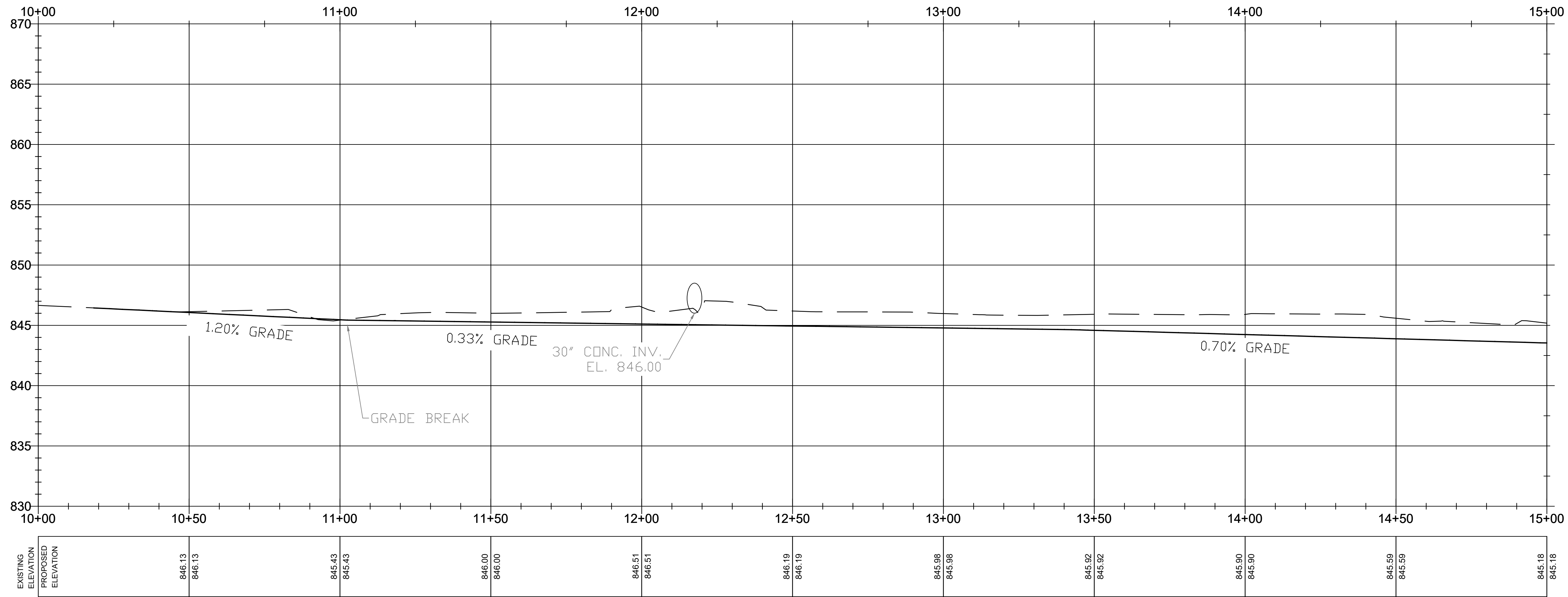
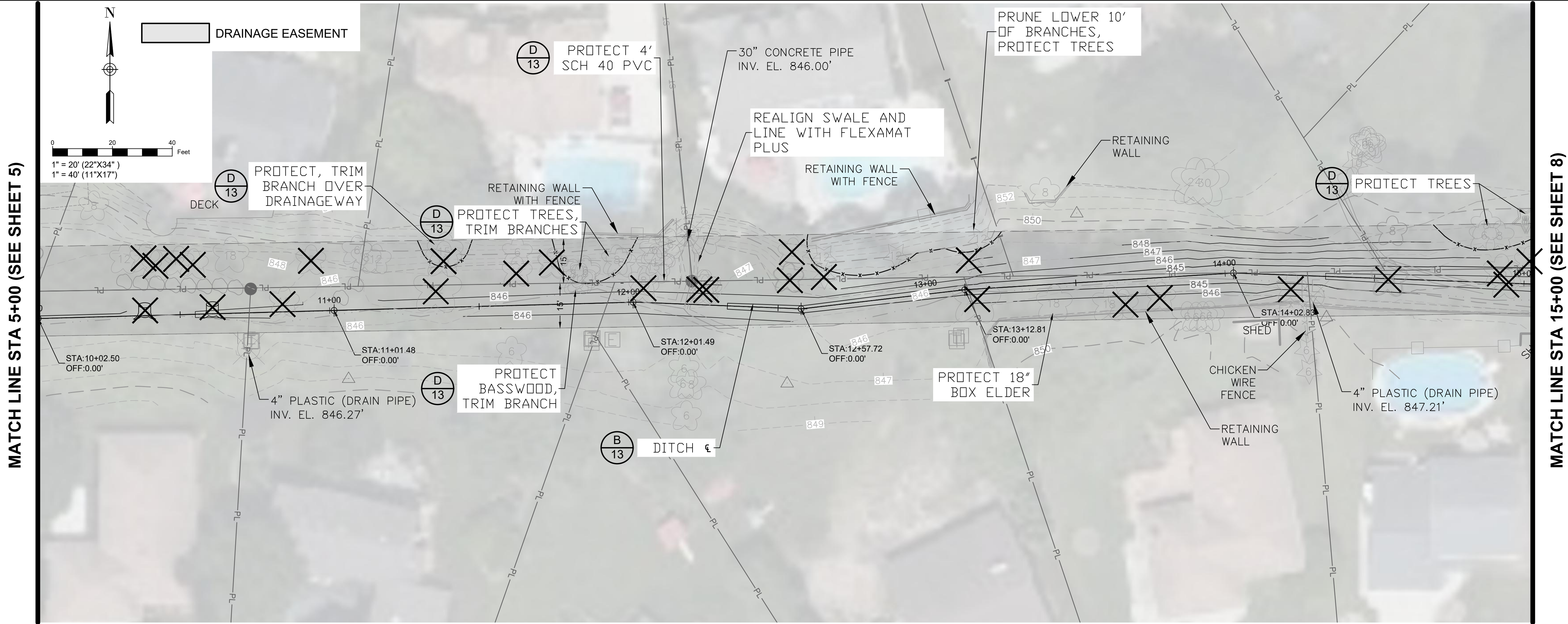
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SHEET TITLE  
PROPOSED CONDITIONS

SHEET NUMBER  
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**PROJECT**

**SPRINGDALE  
ESTATES  
DRAINAGE  
IMPROVEMENTS**

**CLIENT**

**CITY OF PEWAUKEE**

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**KEY PLAN**

**PROJECT NUMBER**

60339891

**SHEET TITLE**

PROPOSED CONDITIONS

**SHEET NUMBER**

7





8



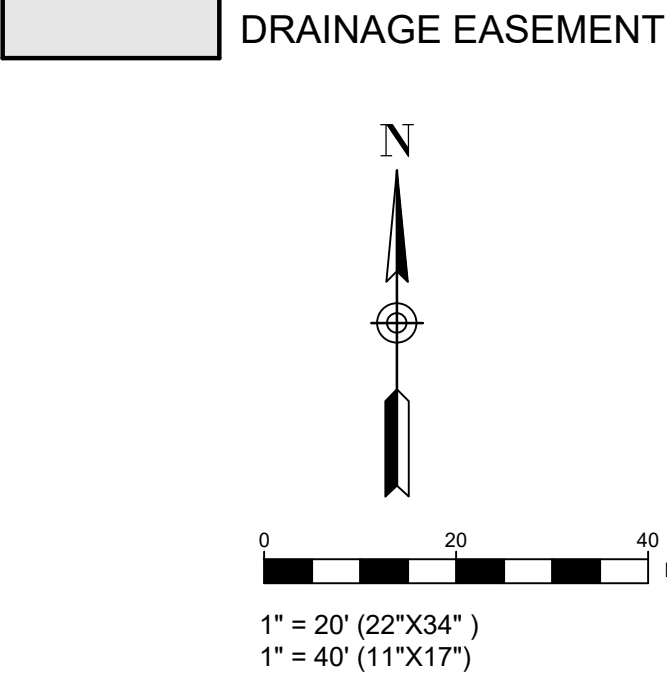
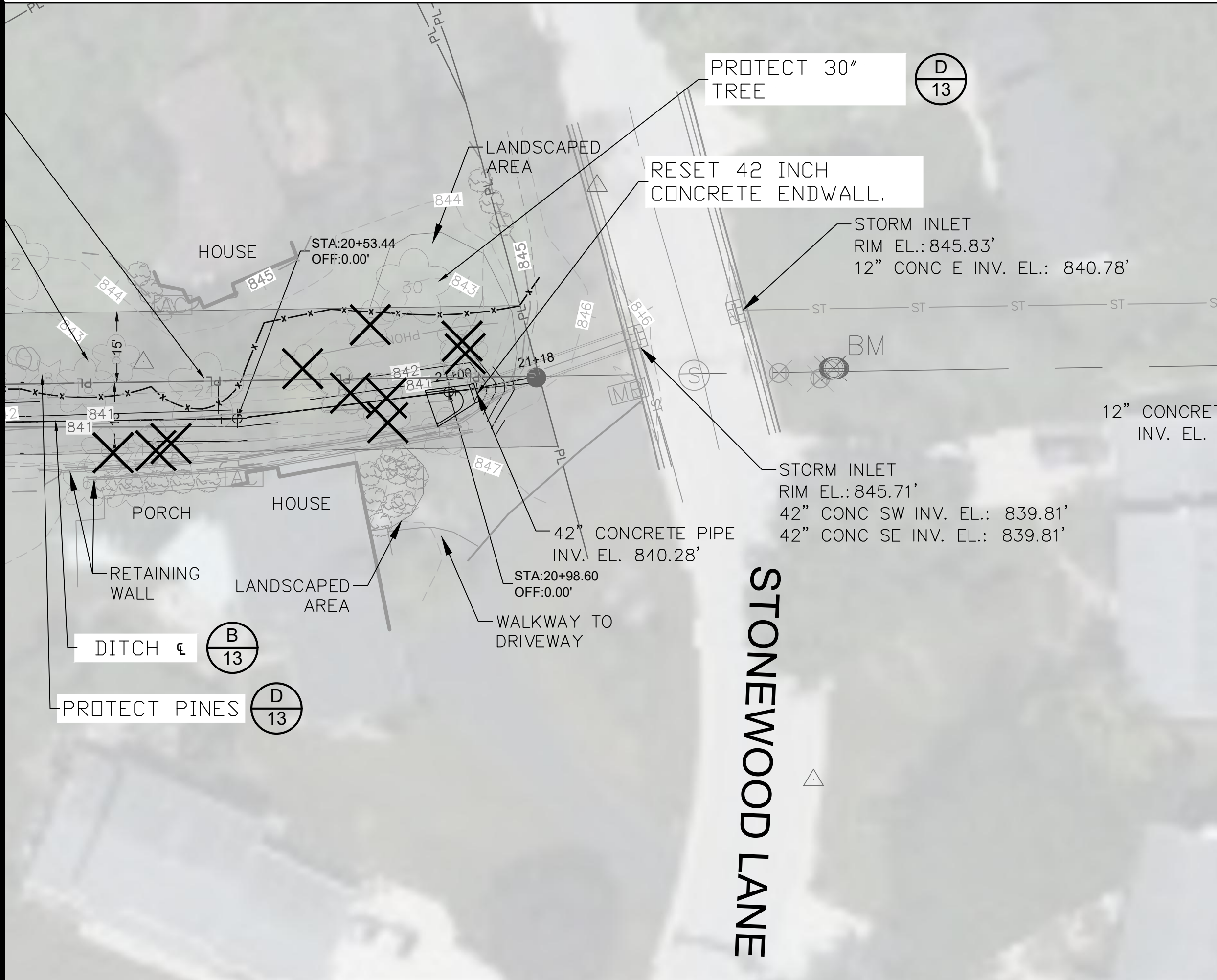
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- D  
13

PROTECT 24" CUT AND REMOVE PORTION OF ROOT IN DRAINAGEWAY, CUT PERPENDICULAR TO ROOTS
- D  
13

PROTECT 18", CUT LOWER BRANCHES, CUT VINES, KEEP BANK

MATCH LINE STA 20+00 (SEE SHEET 8)



# AECOM

PROJECT

## SPRINGDALE ESTATES DRAINAGE IMPROVEMENTS

CLIENT

CITY OF PEWAUKEE

W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
TELE: 262-691-0770

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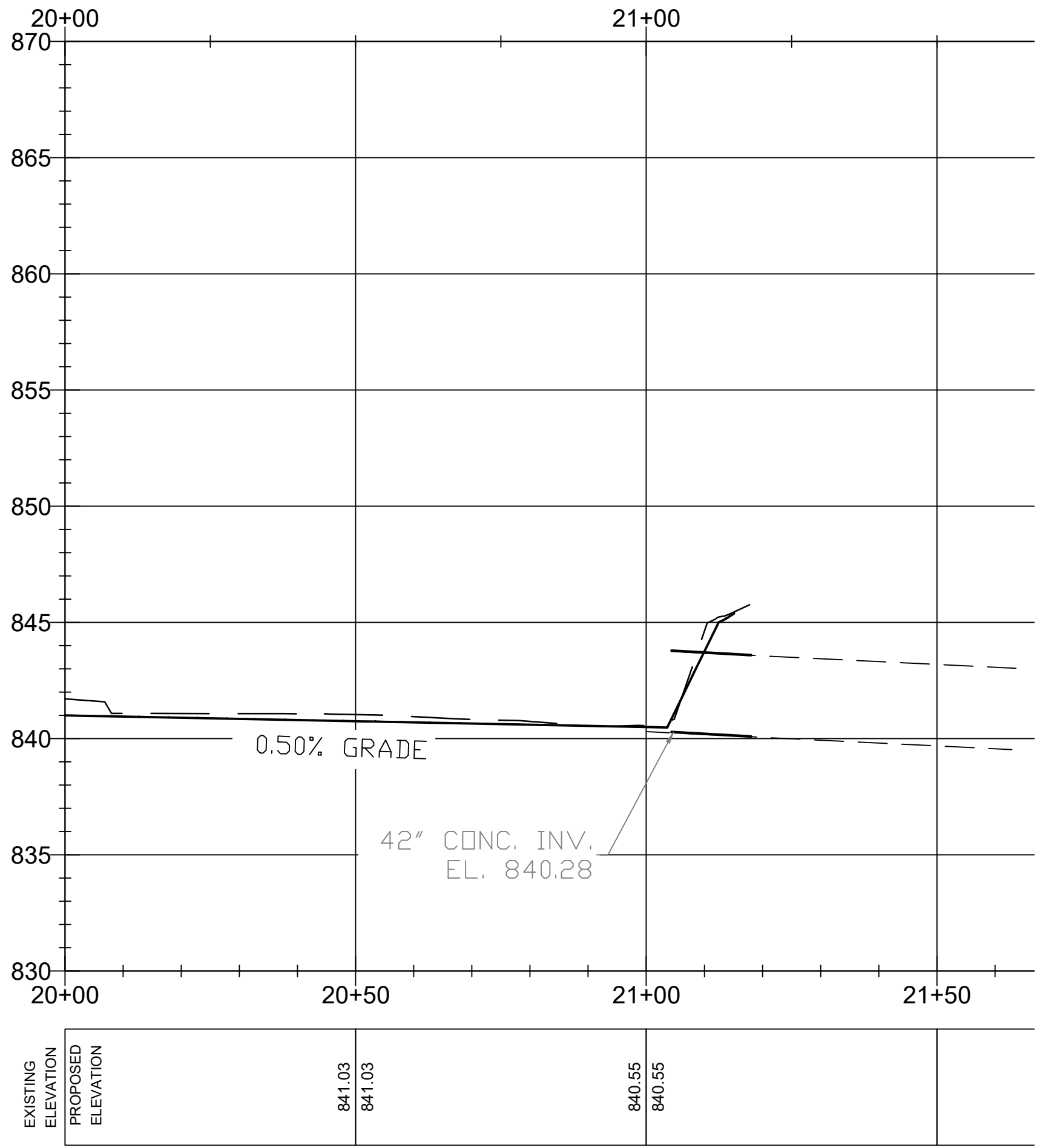
60339891

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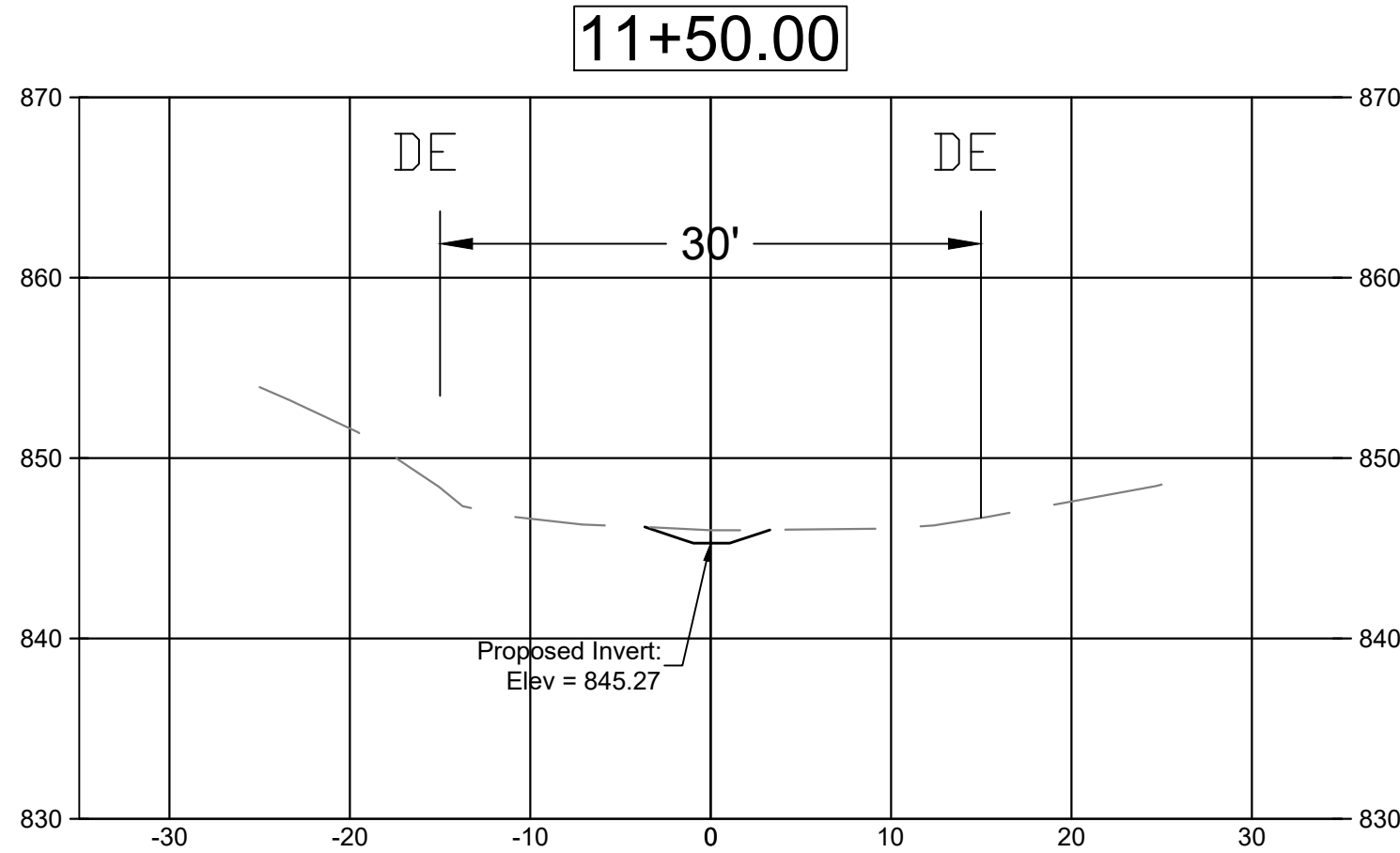
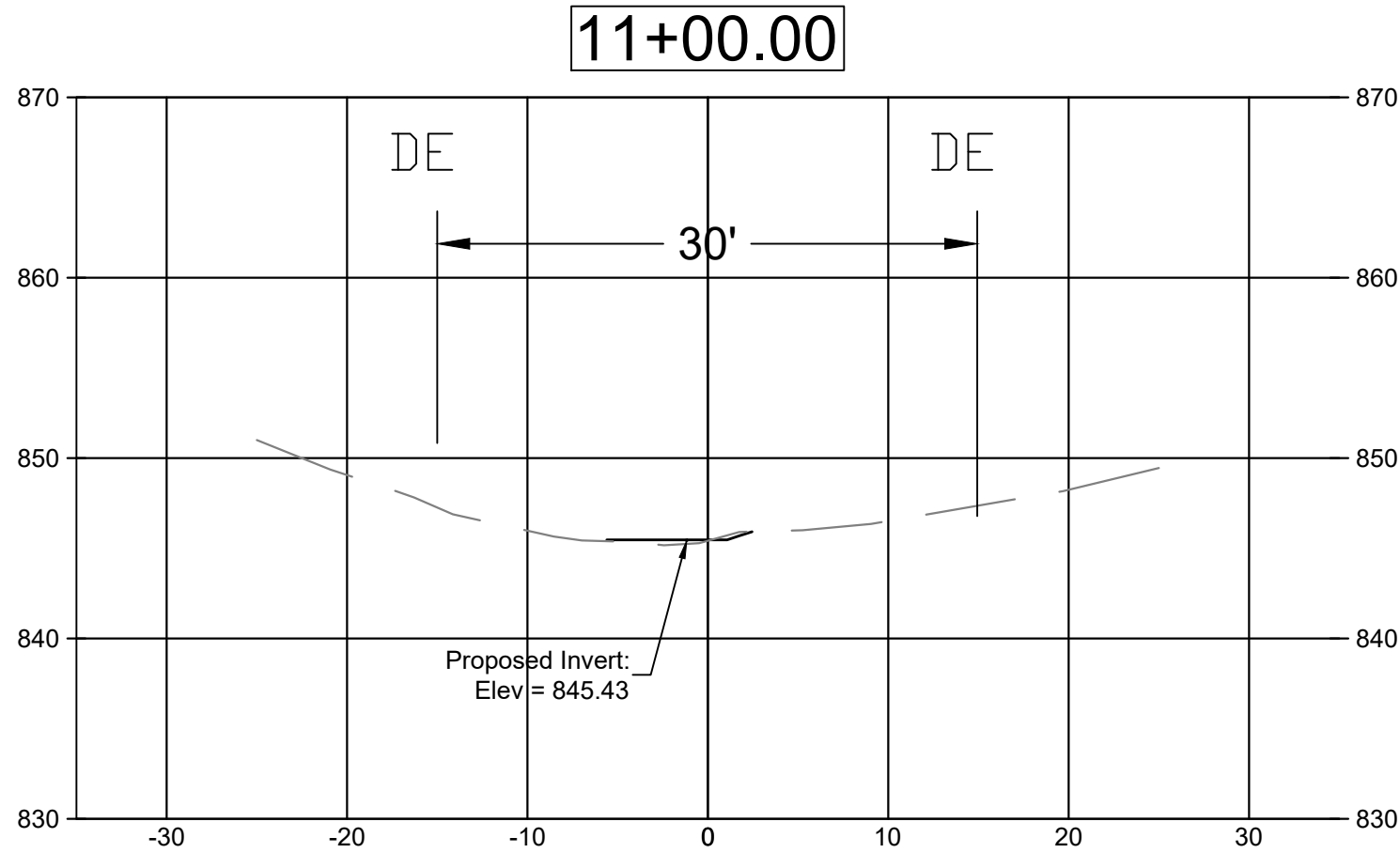
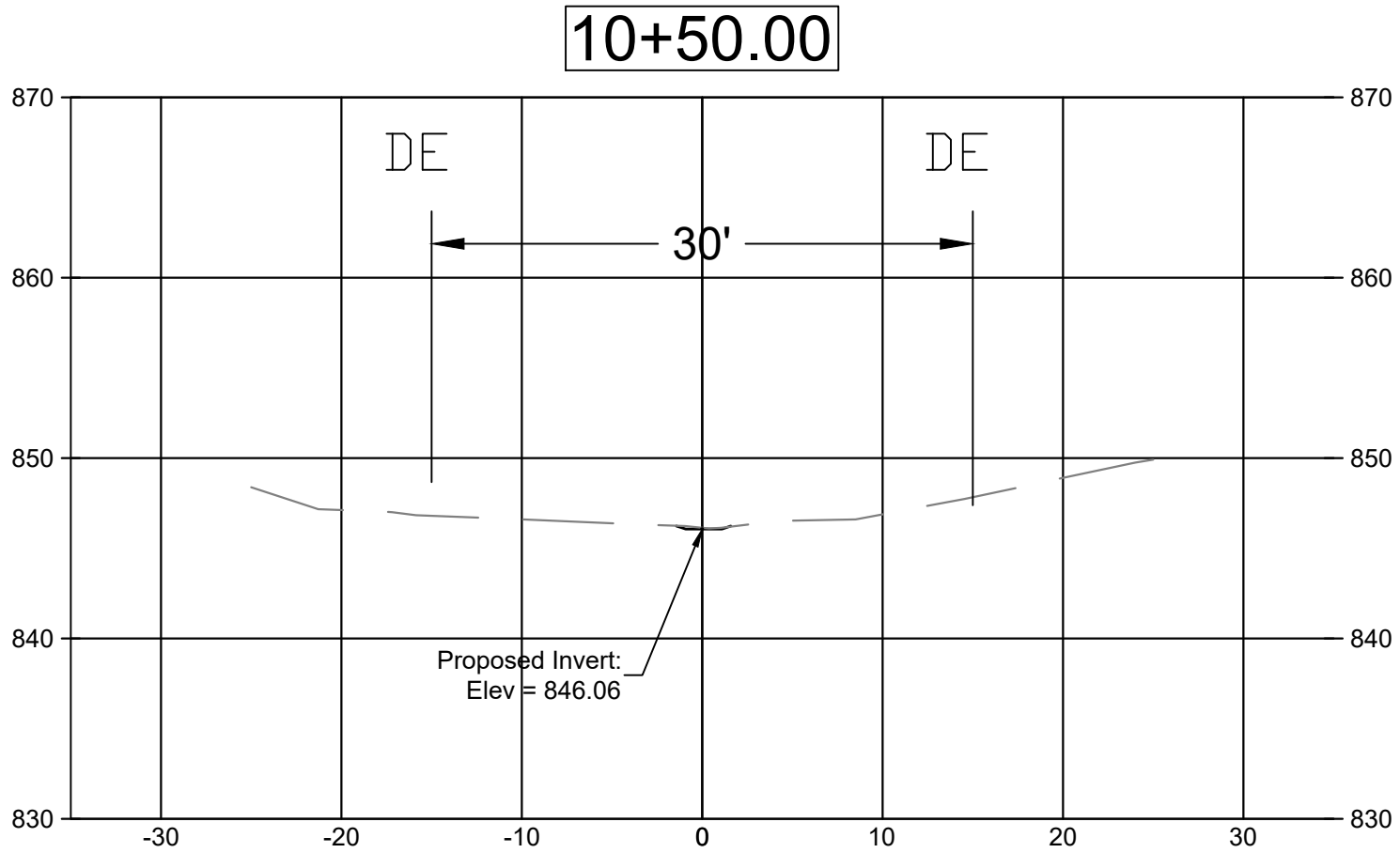
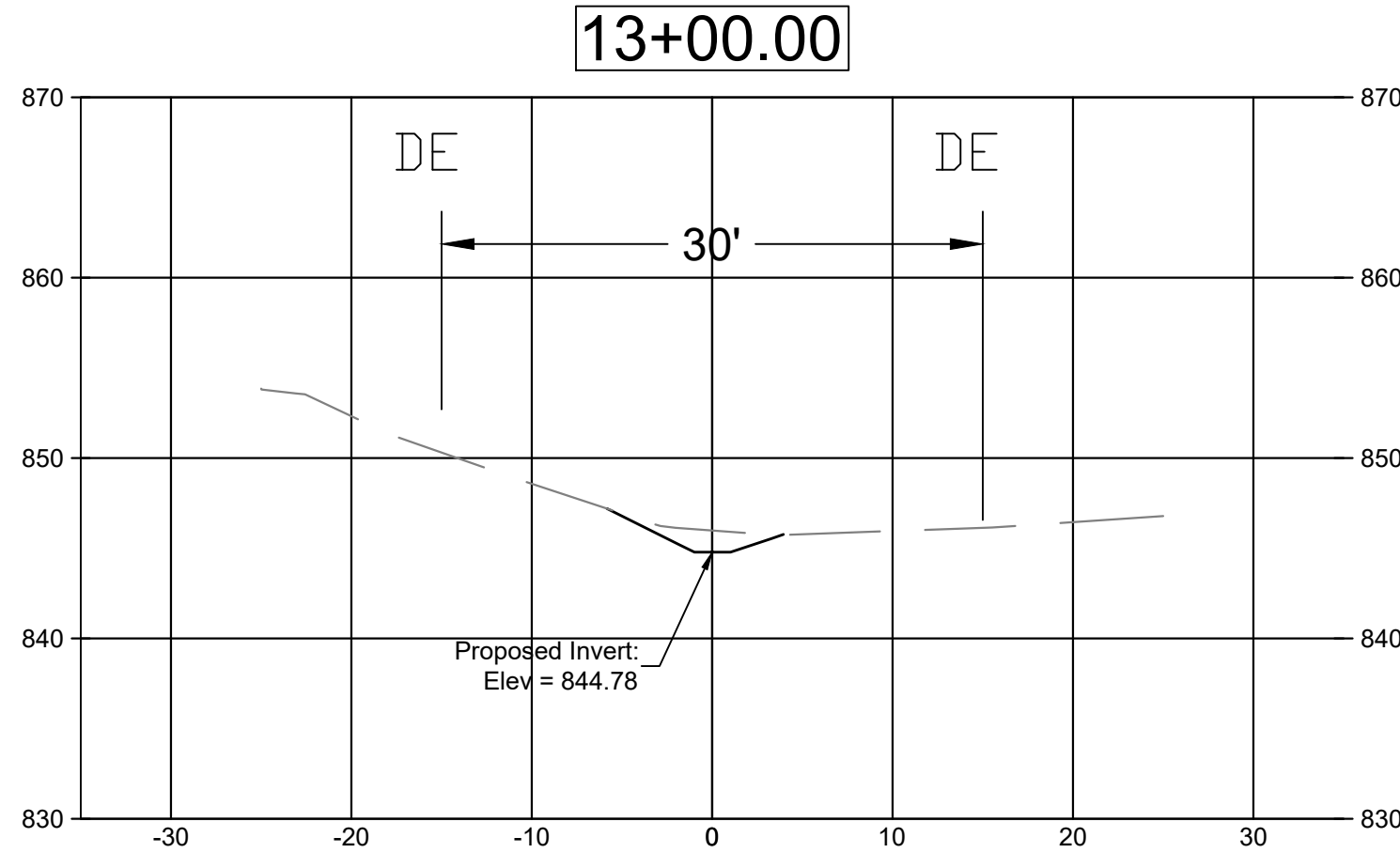
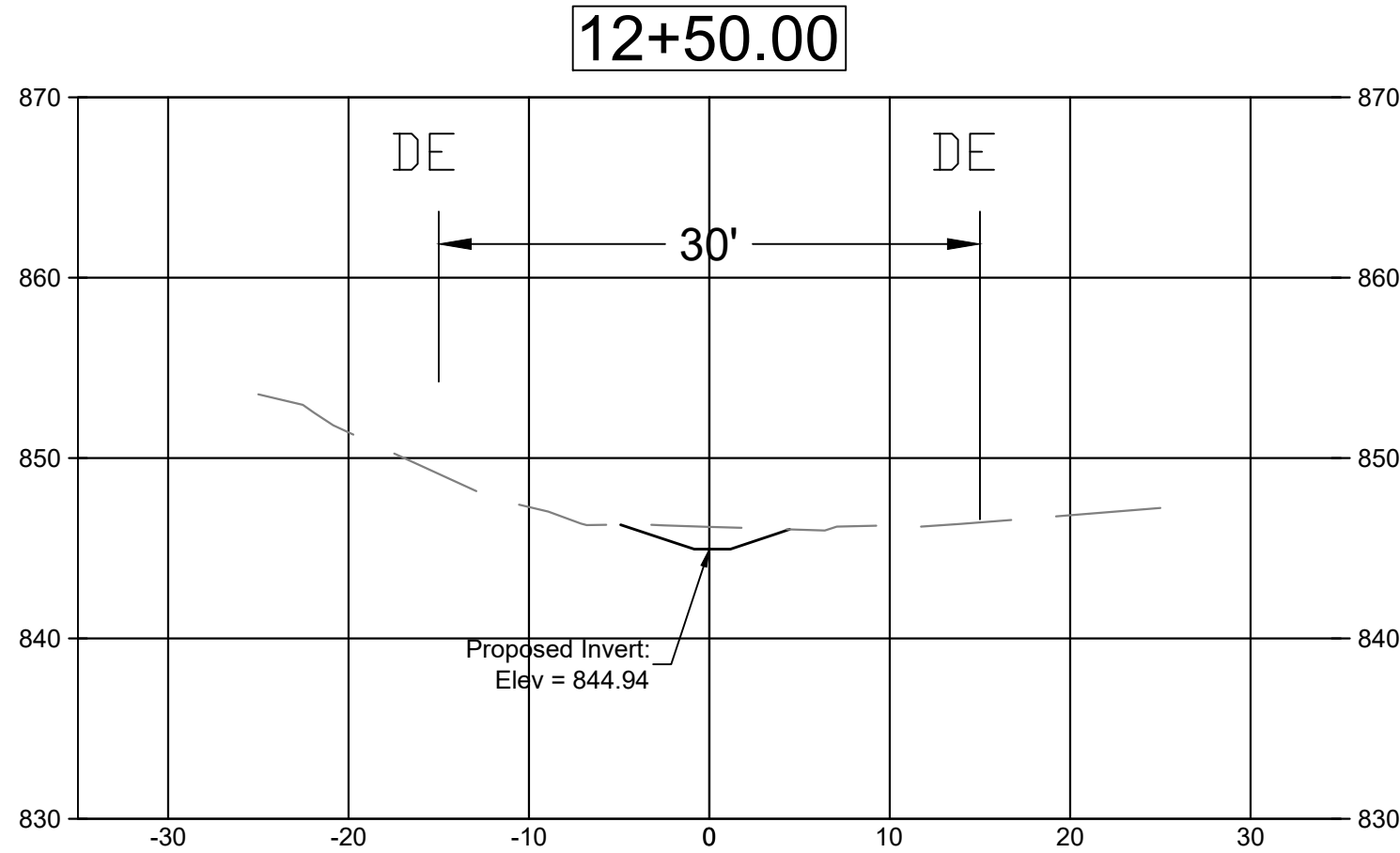
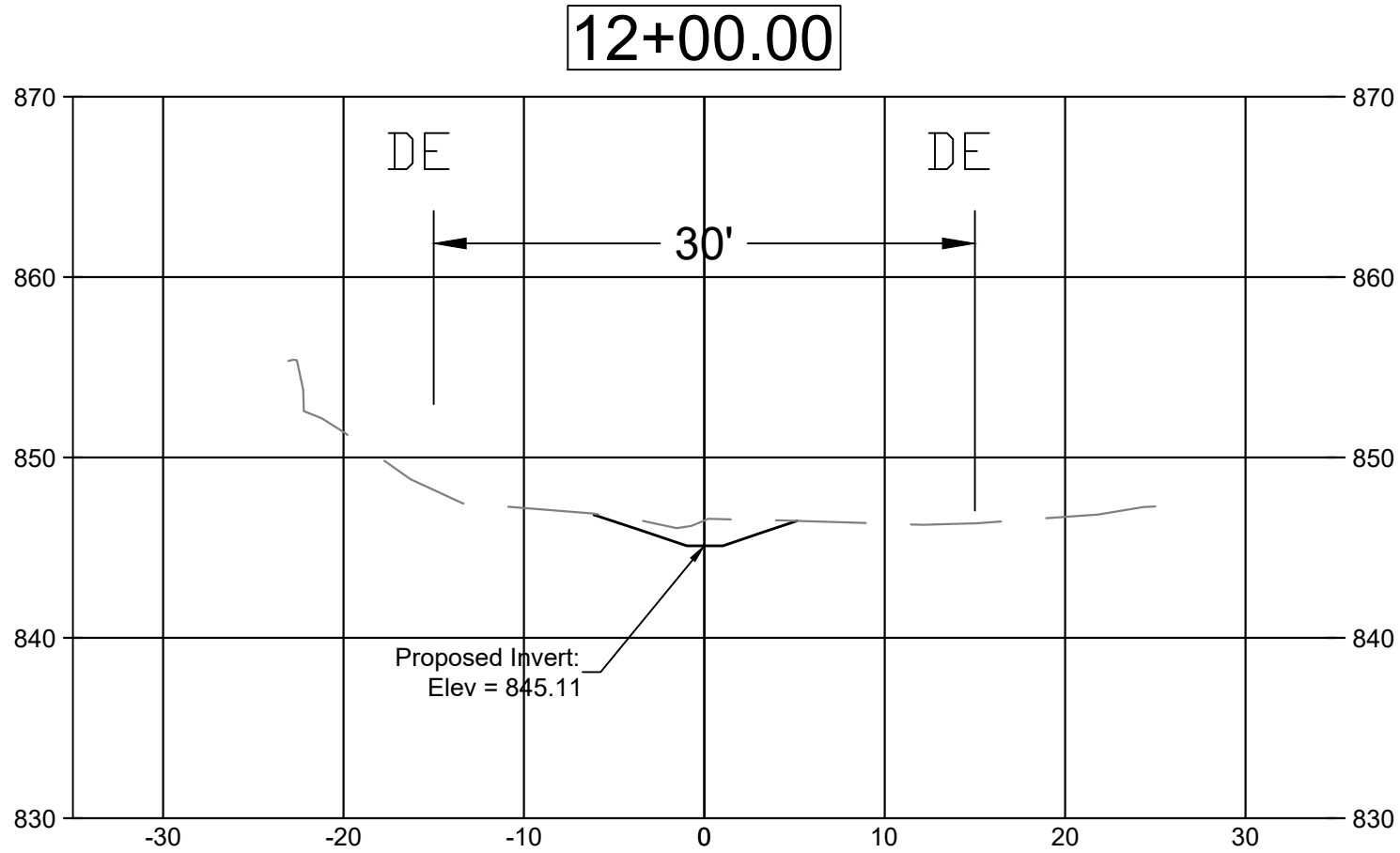
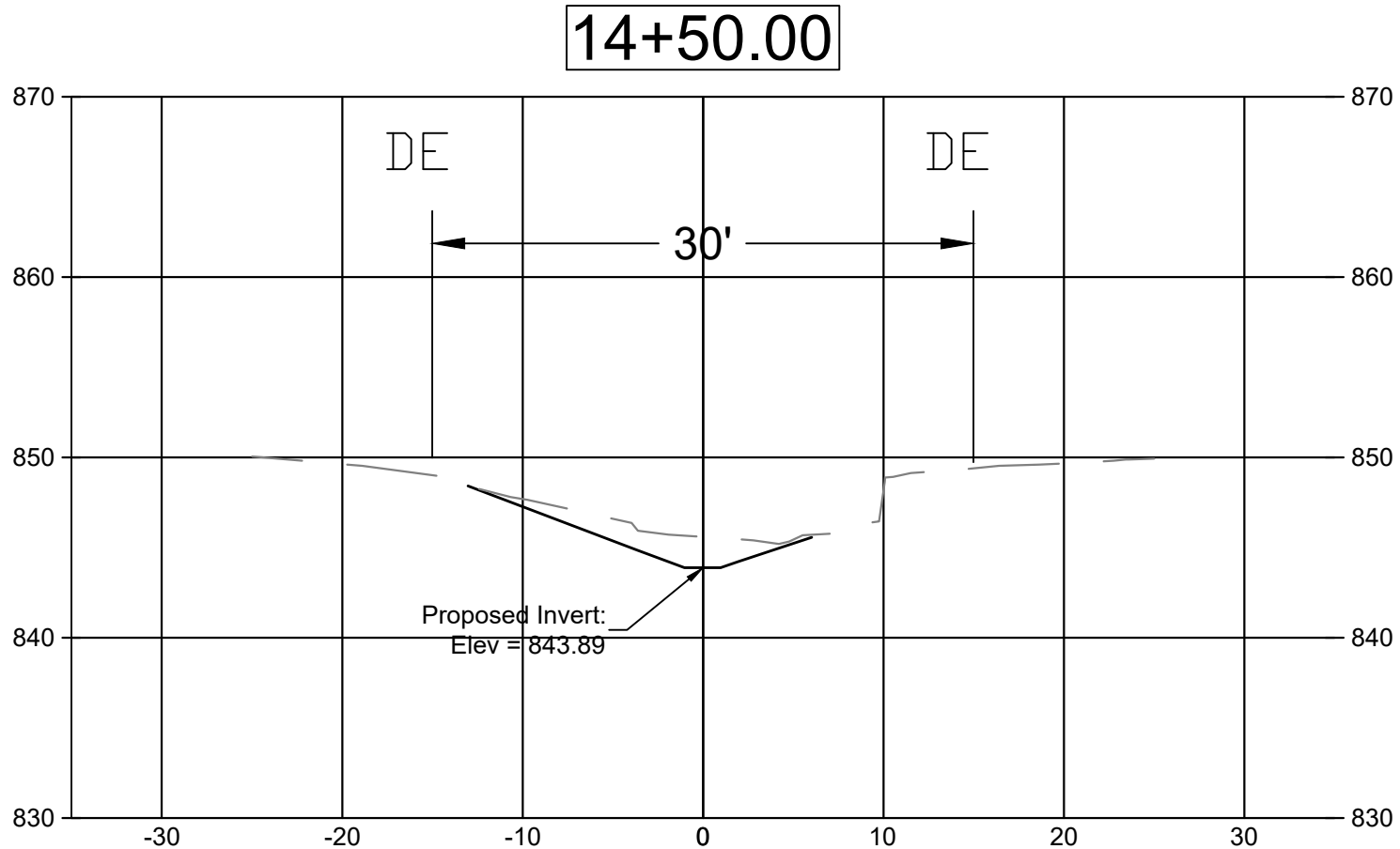
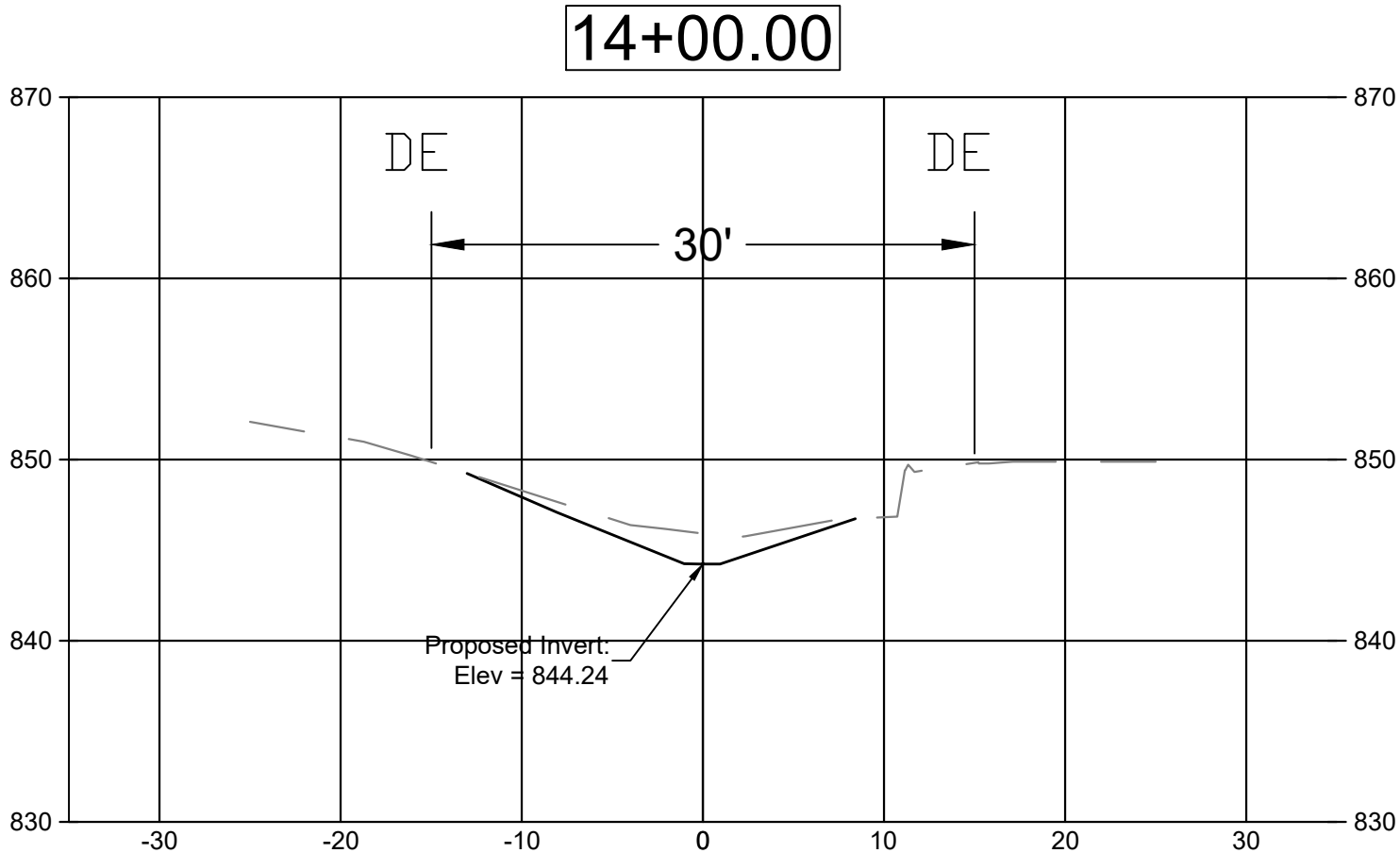
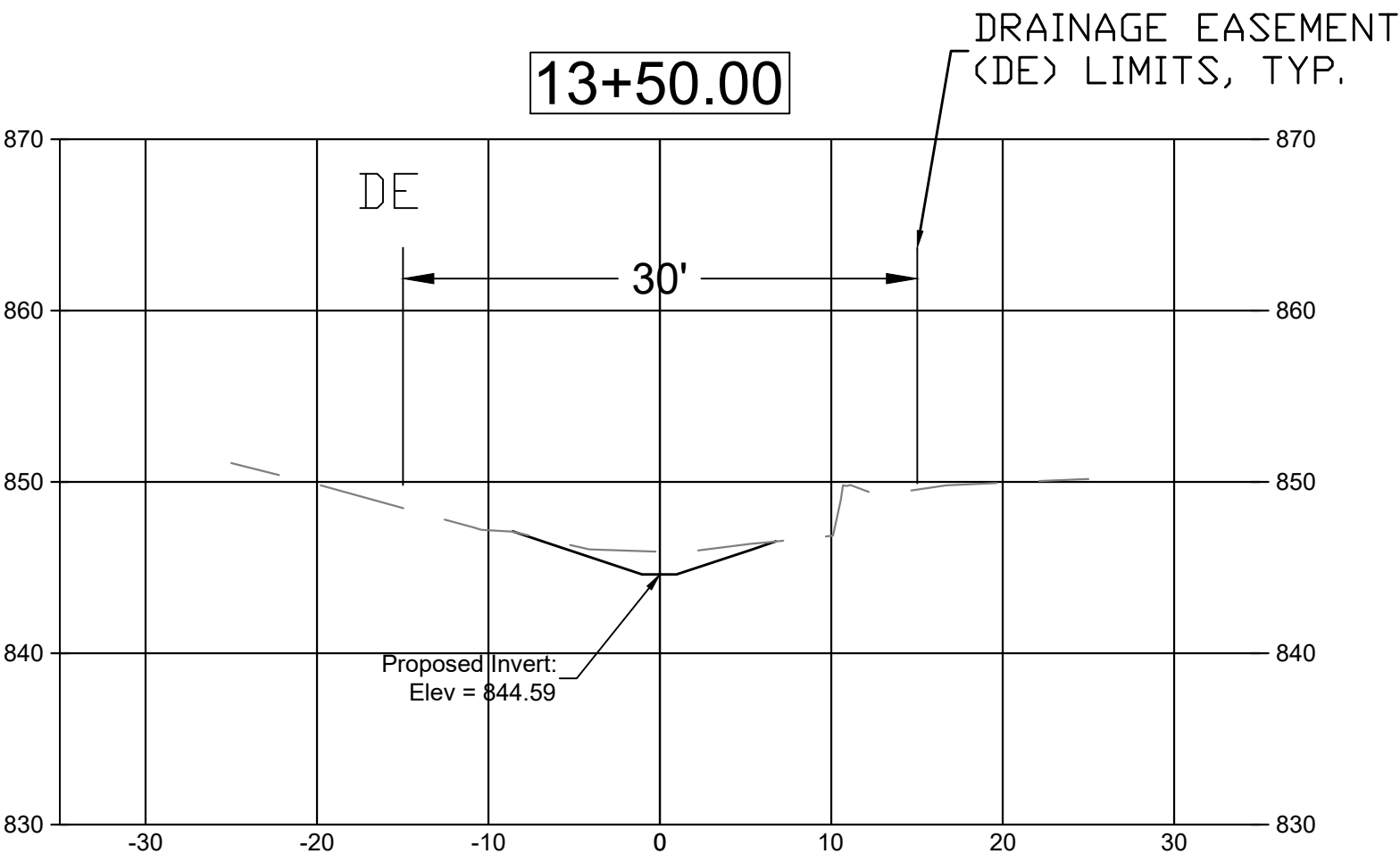
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PROJECT

**SPRINGDALE  
ESTATES  
DRAINAGE  
IMPROVEMENTS**

CLIENT

**CITY OF PEWAUKEE**

W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
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CONSULTANT

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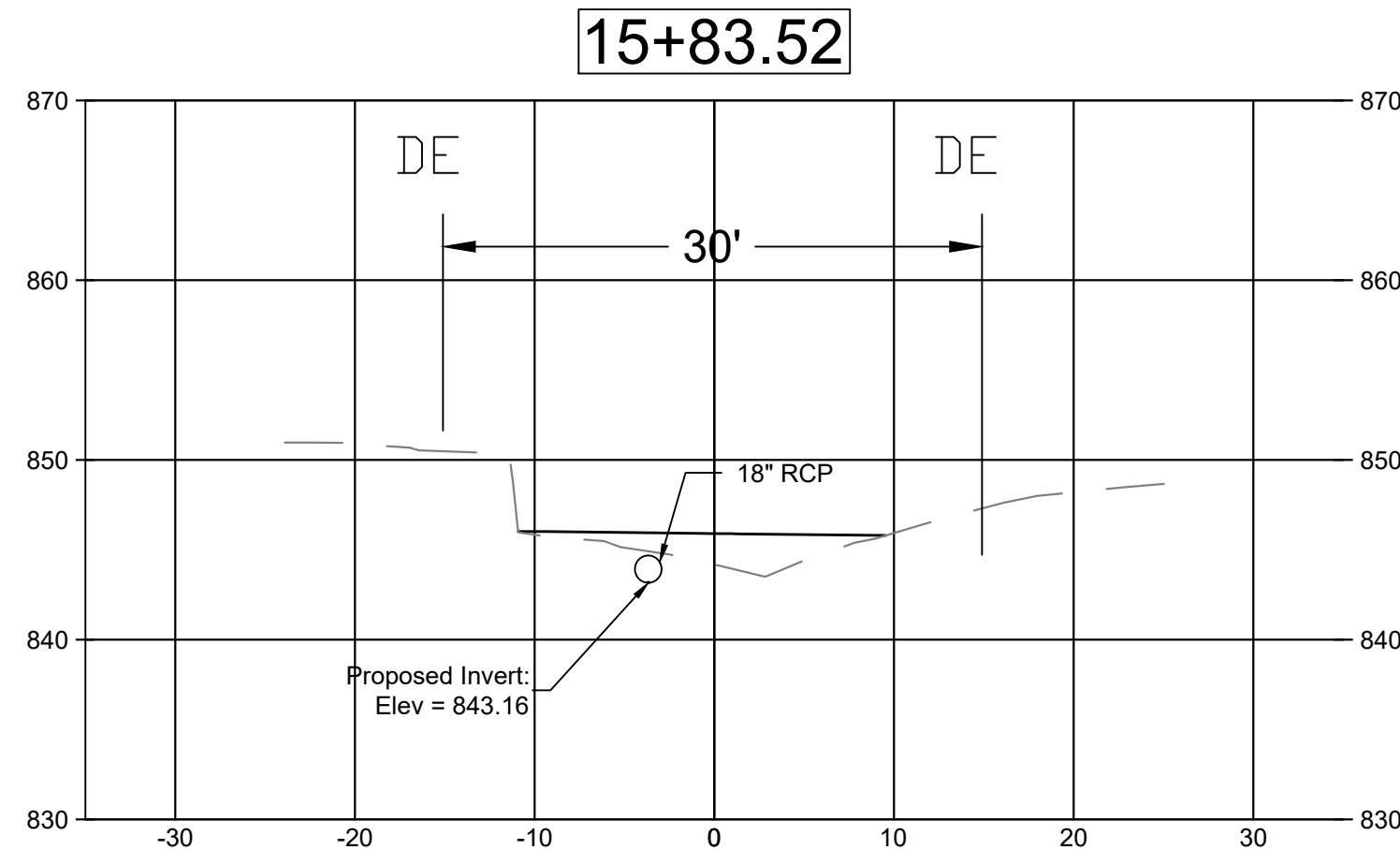
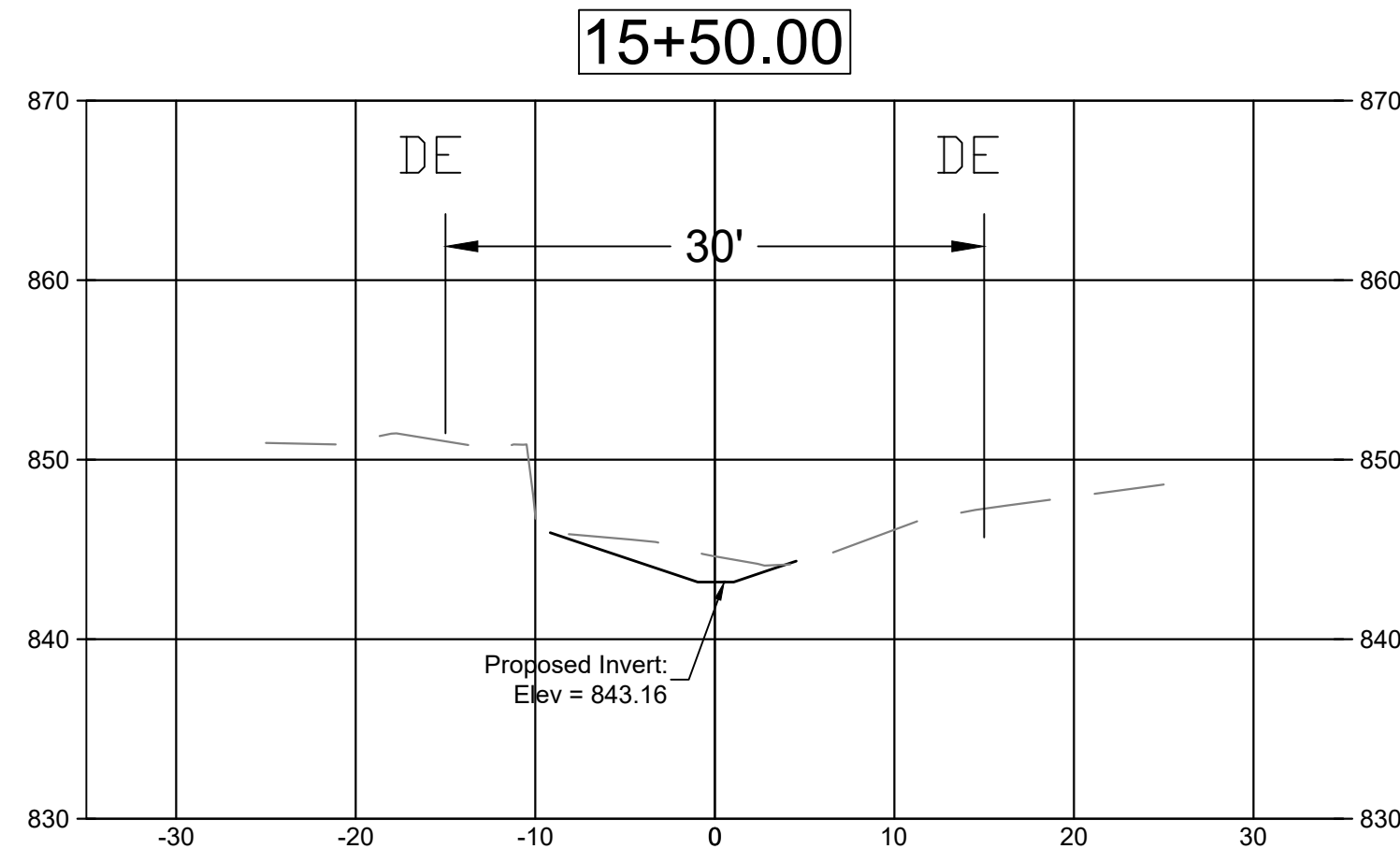
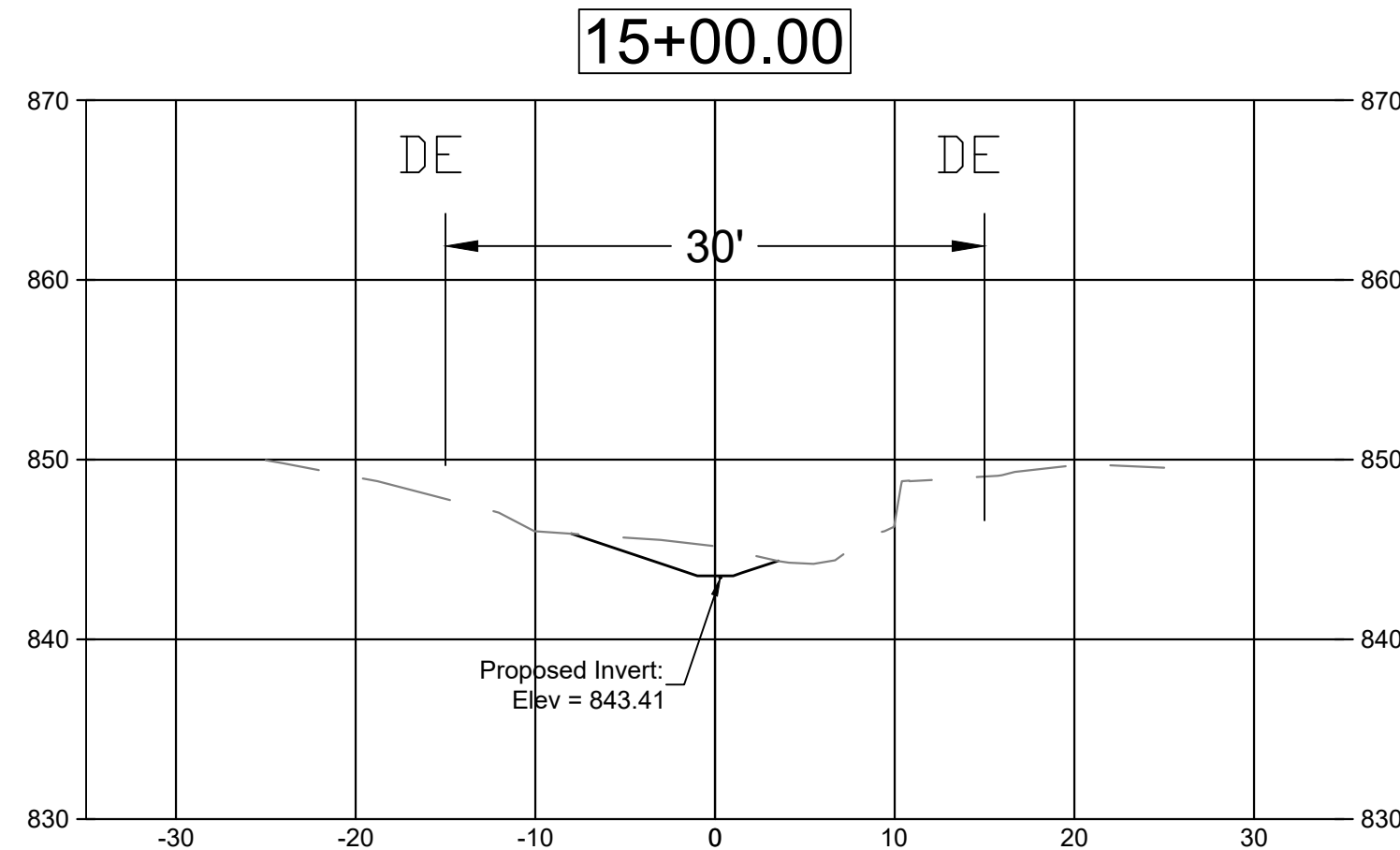
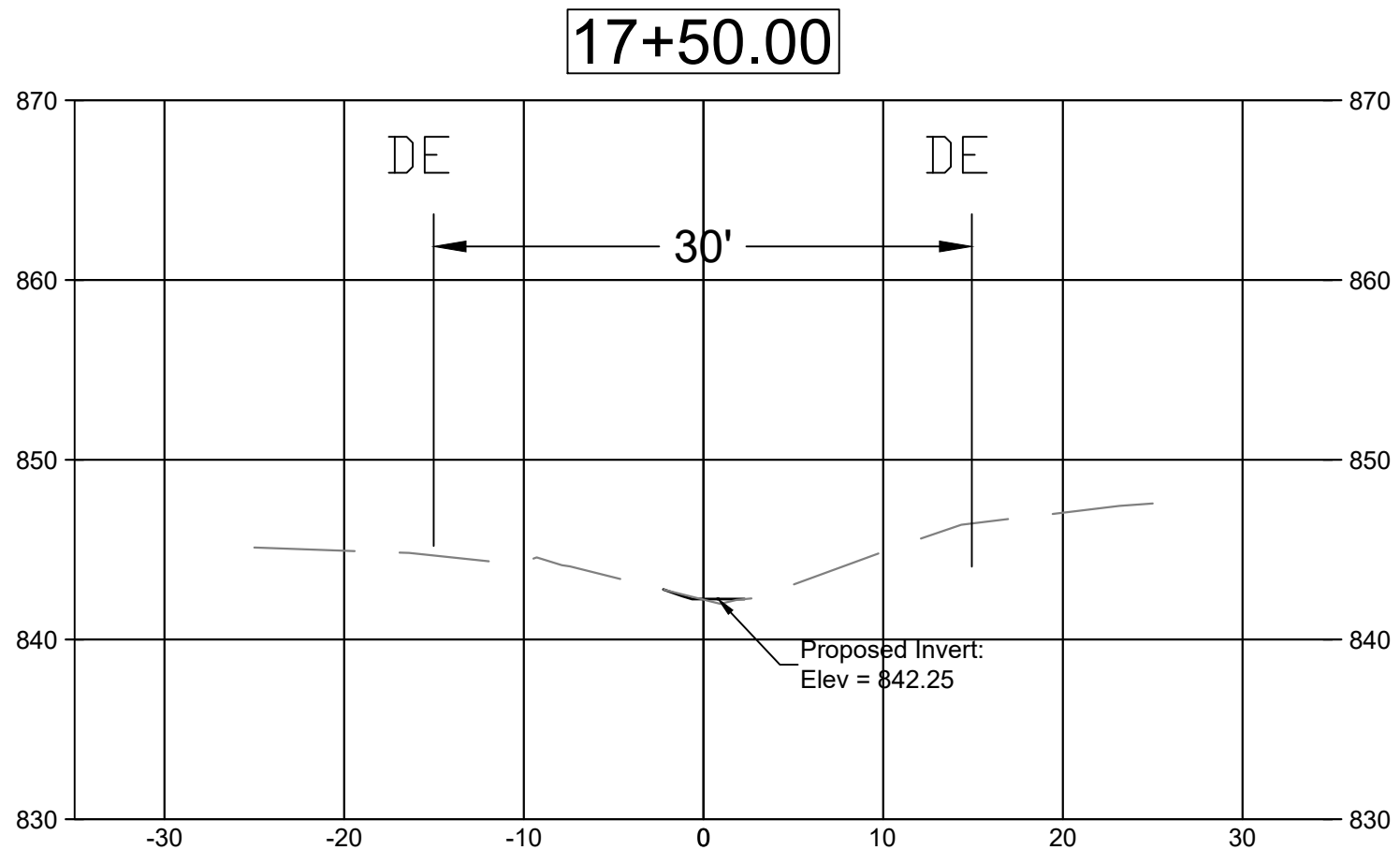
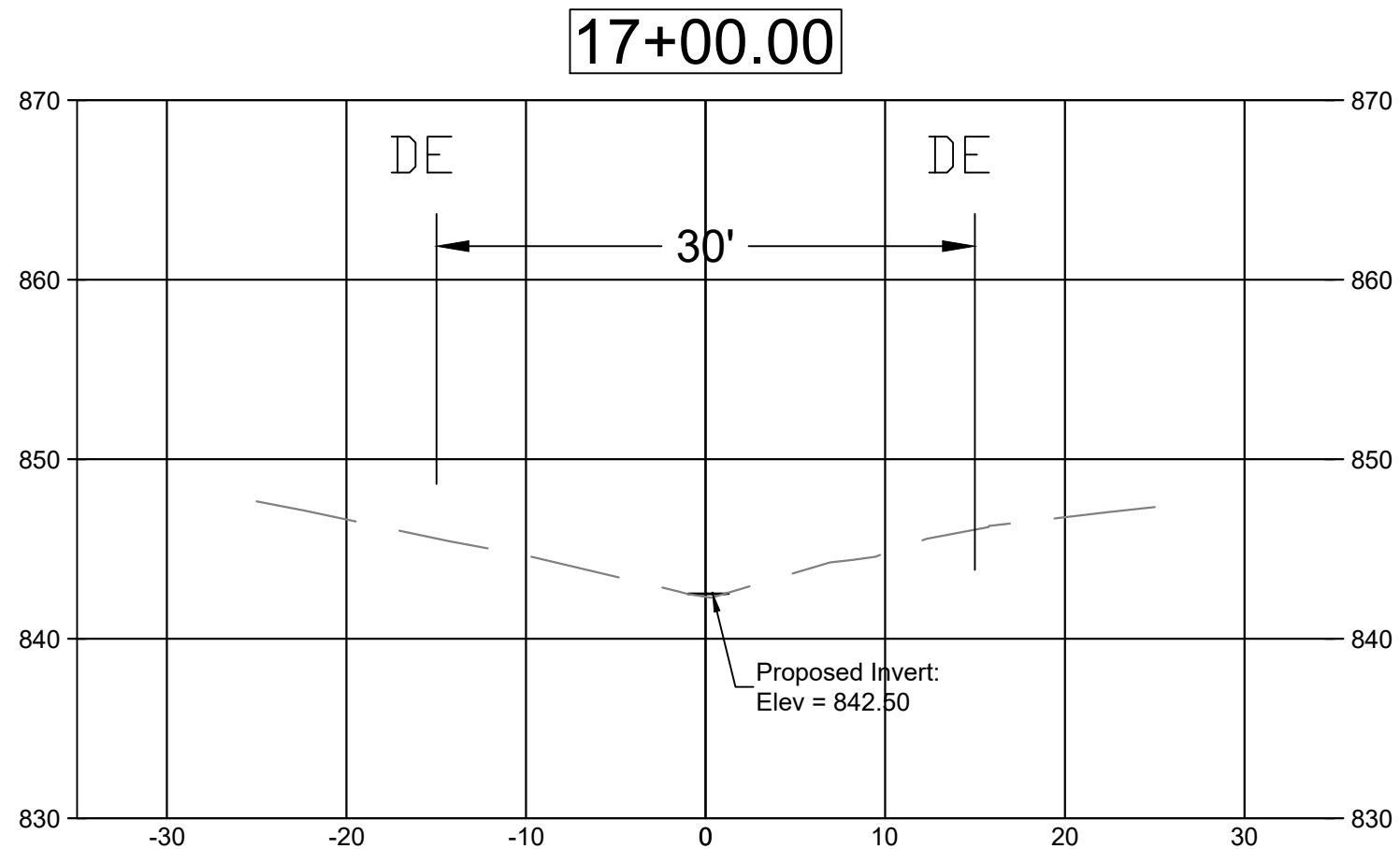
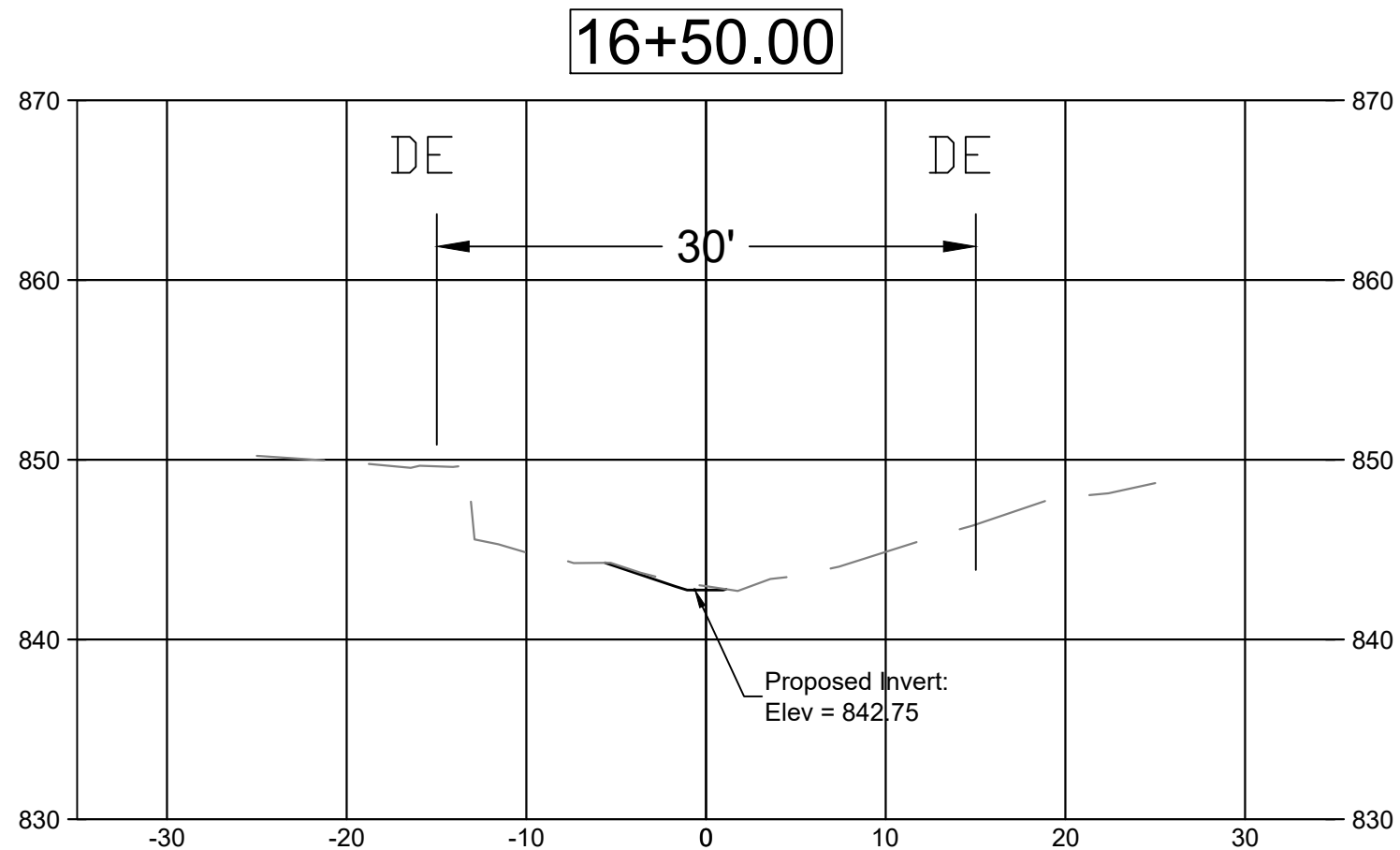
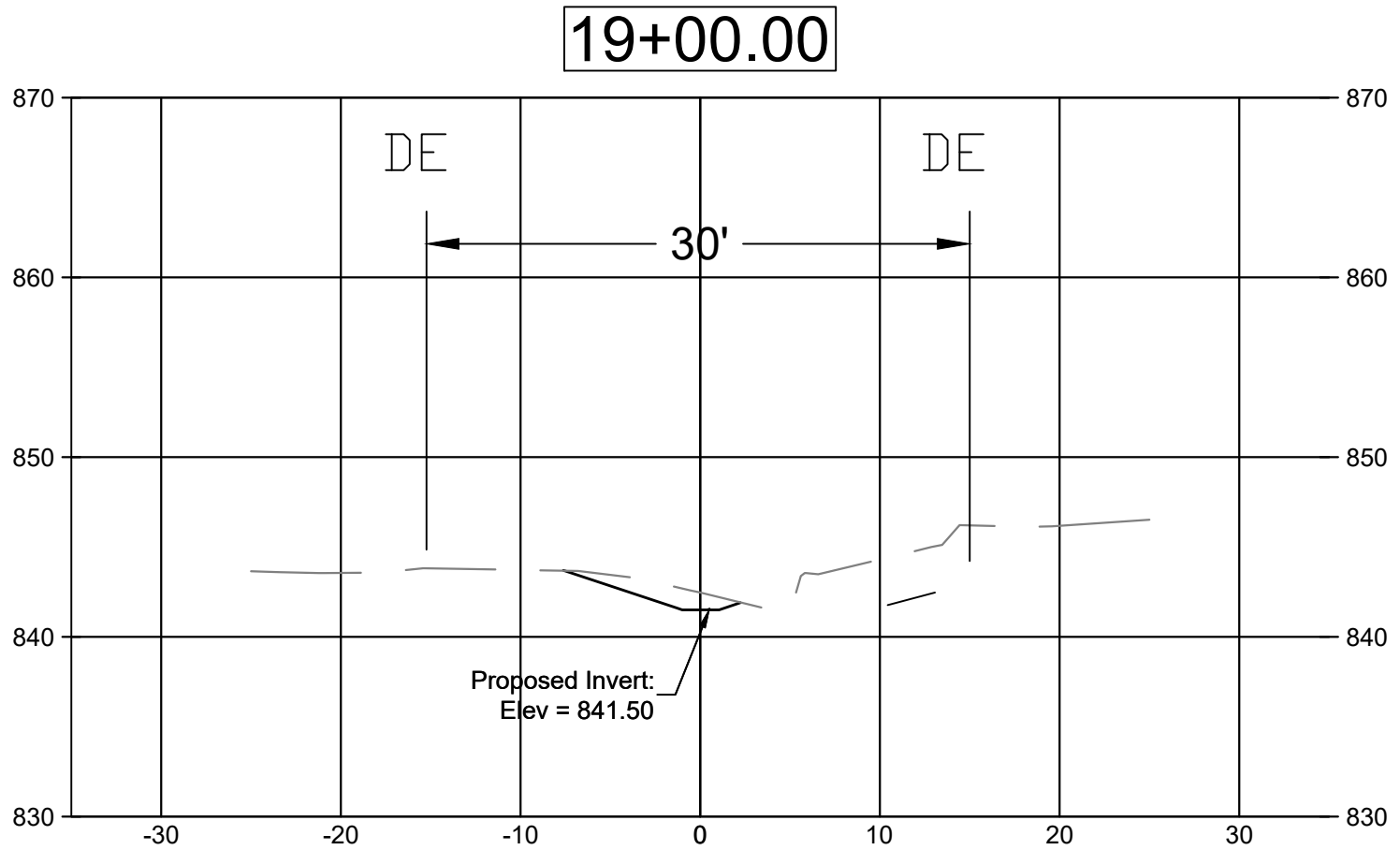
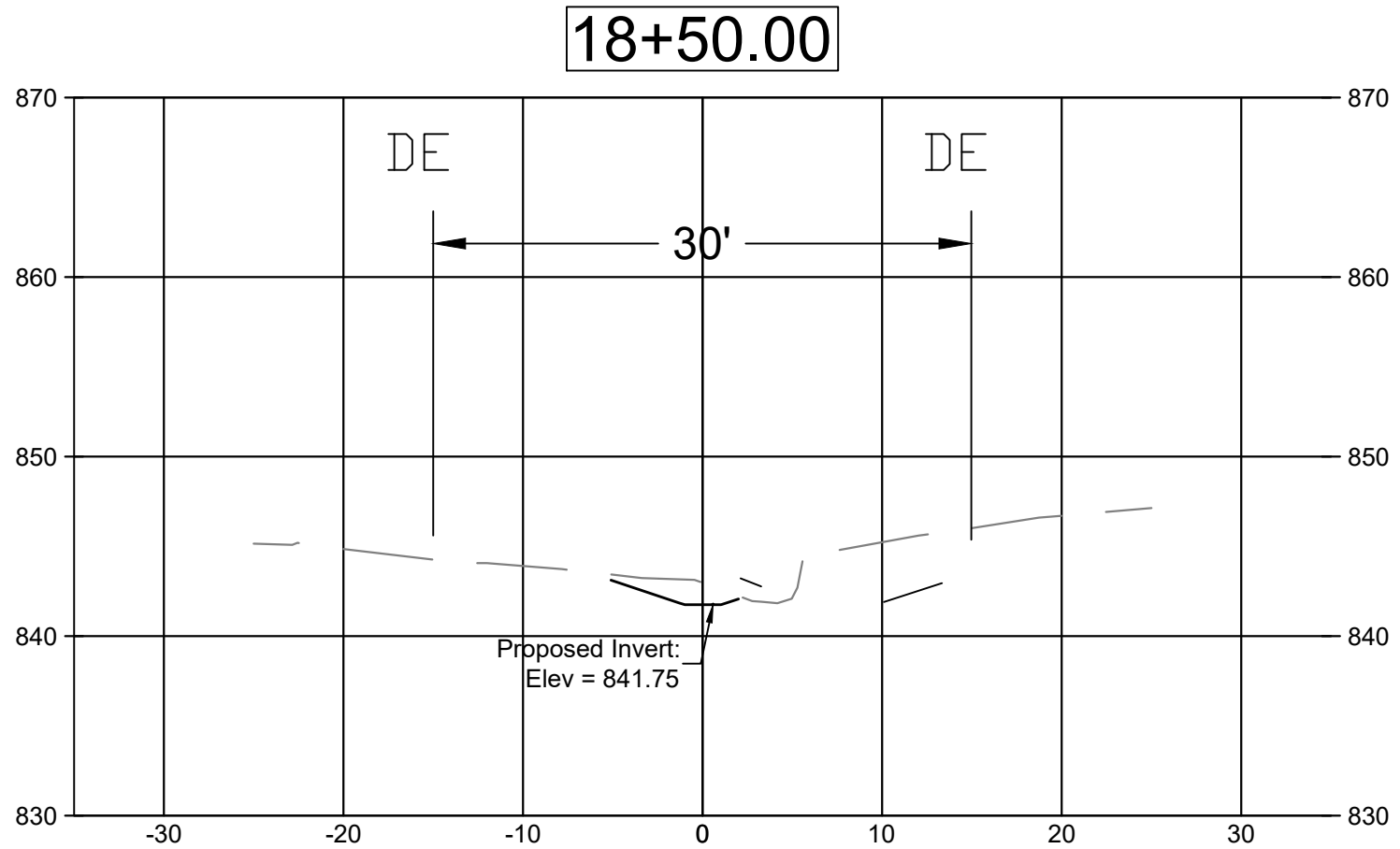
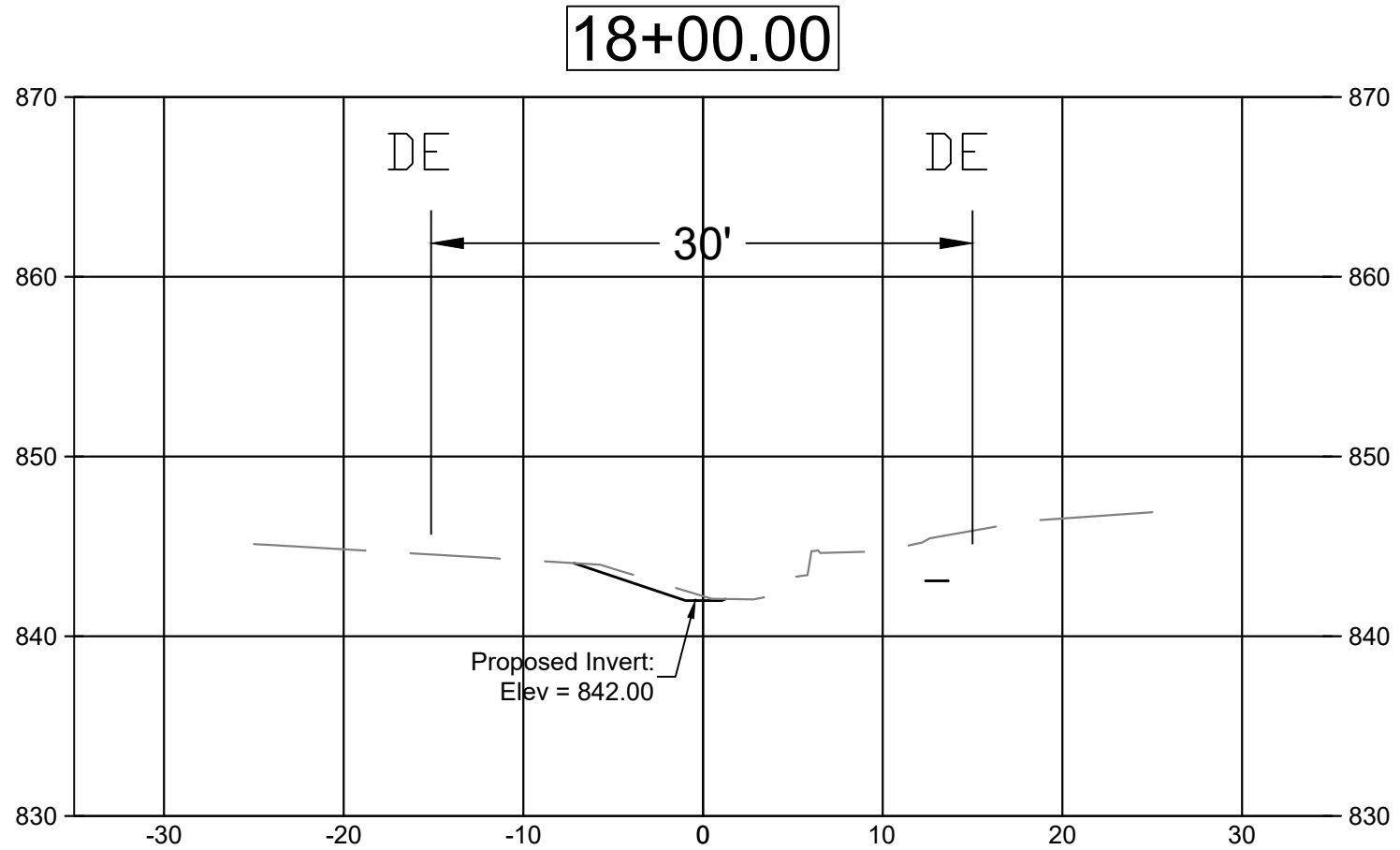
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PROJECT

SPRINGDALE  
ESTATES  
DRAINAGE  
IMPROVEMENTS

CLIENT

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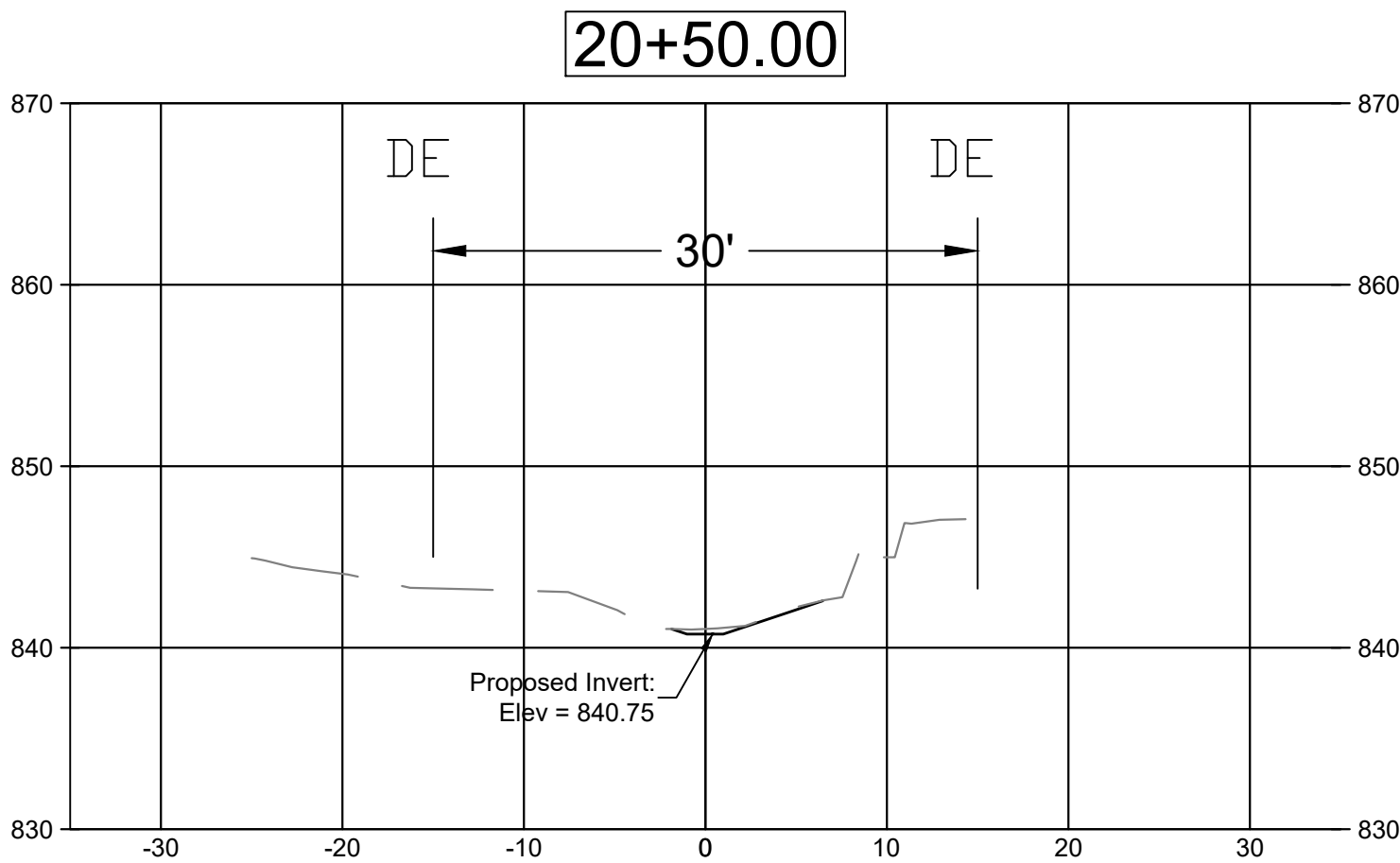
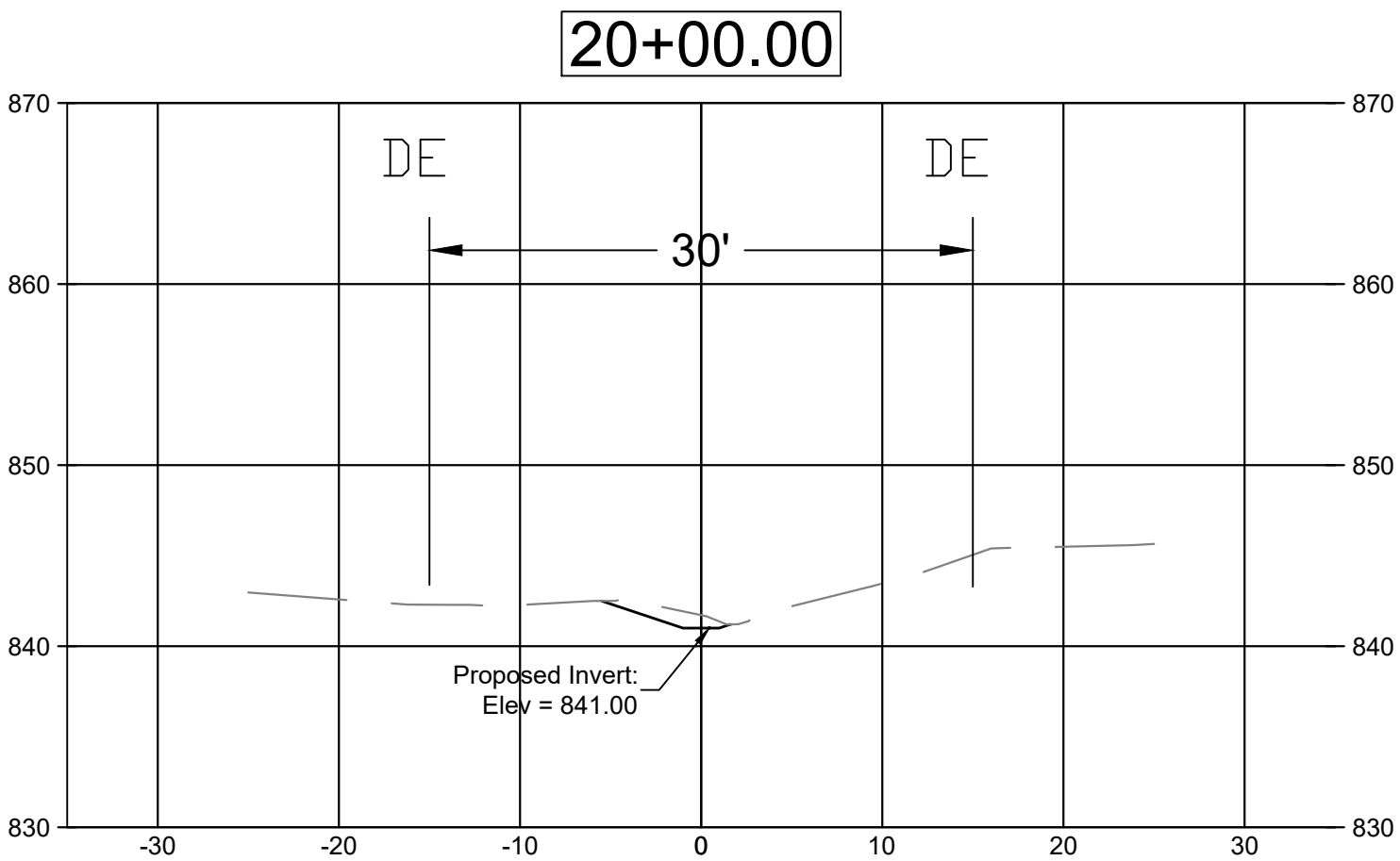
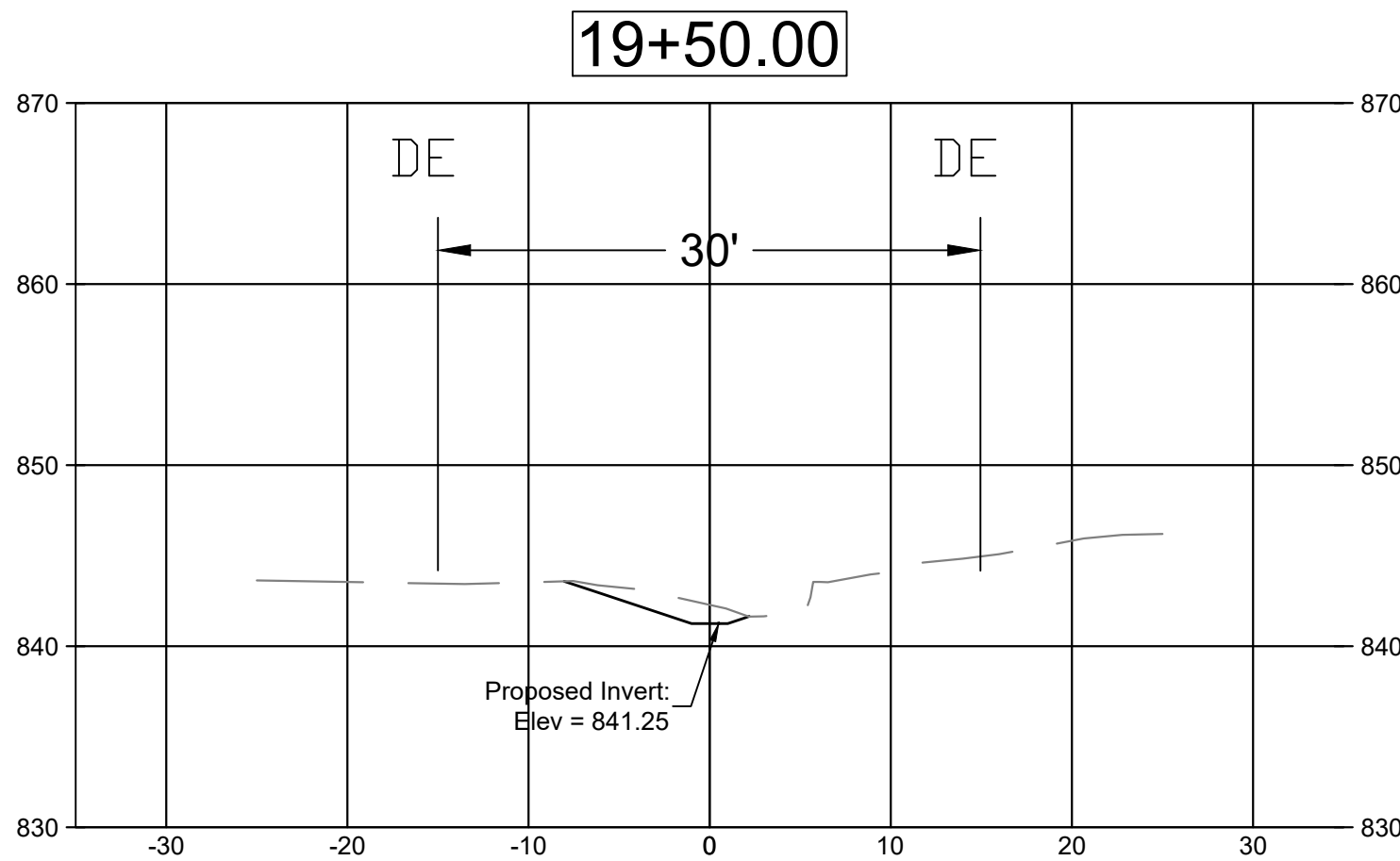
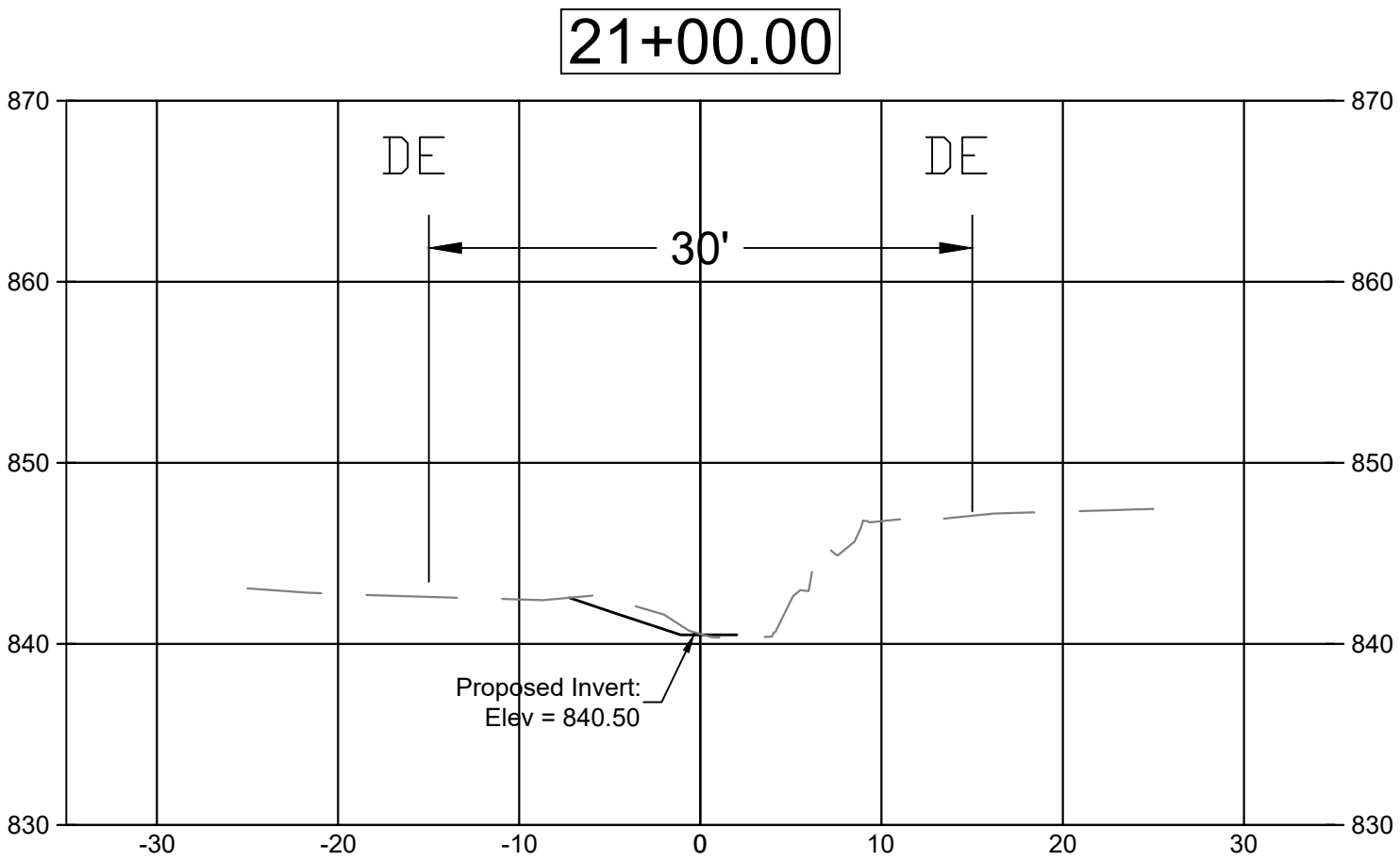
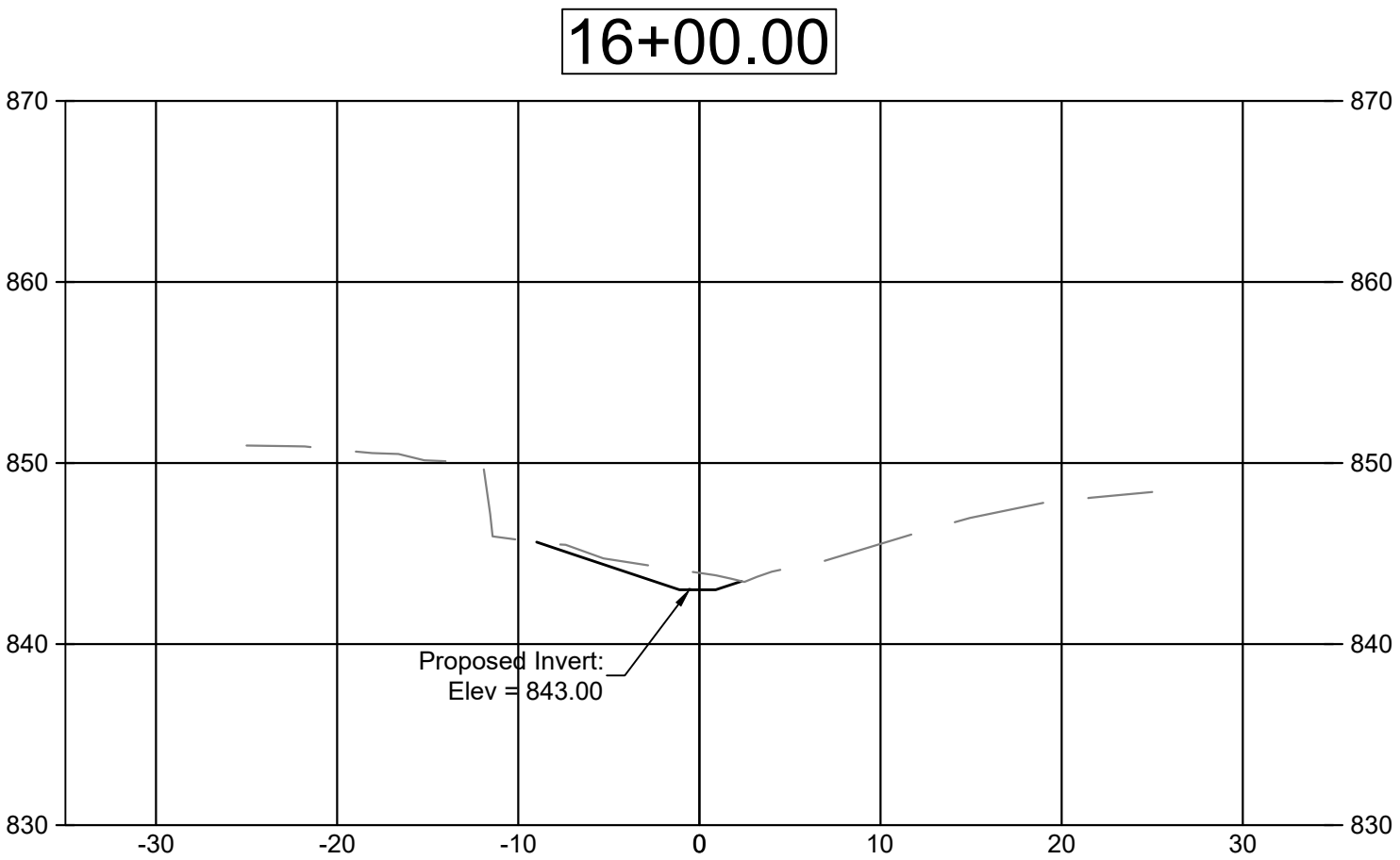
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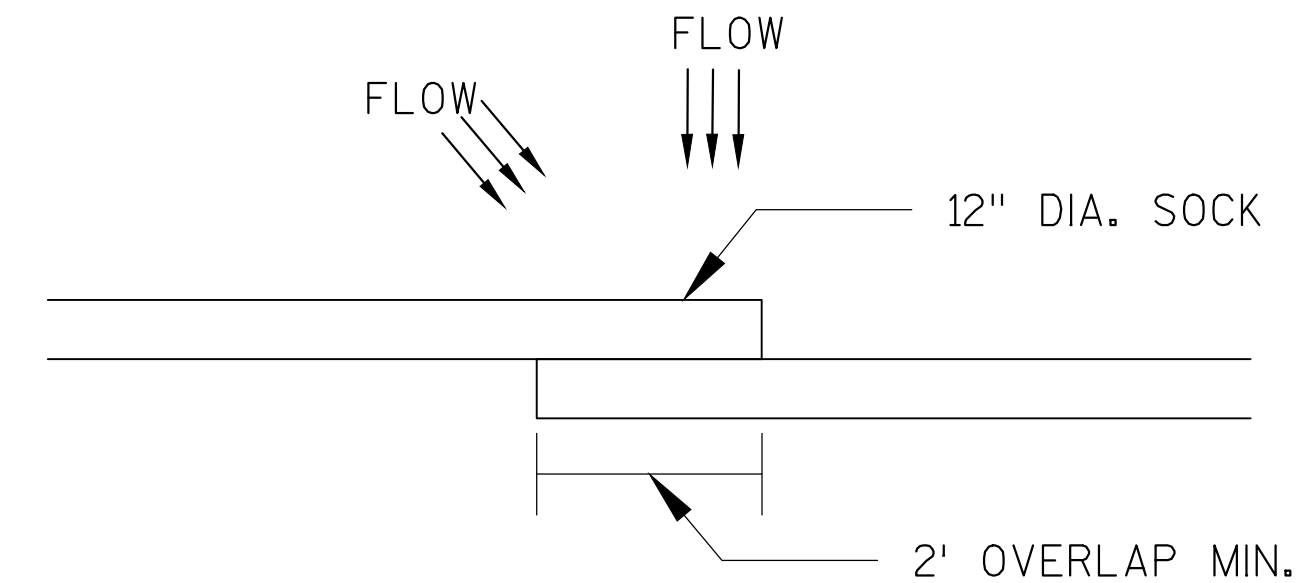
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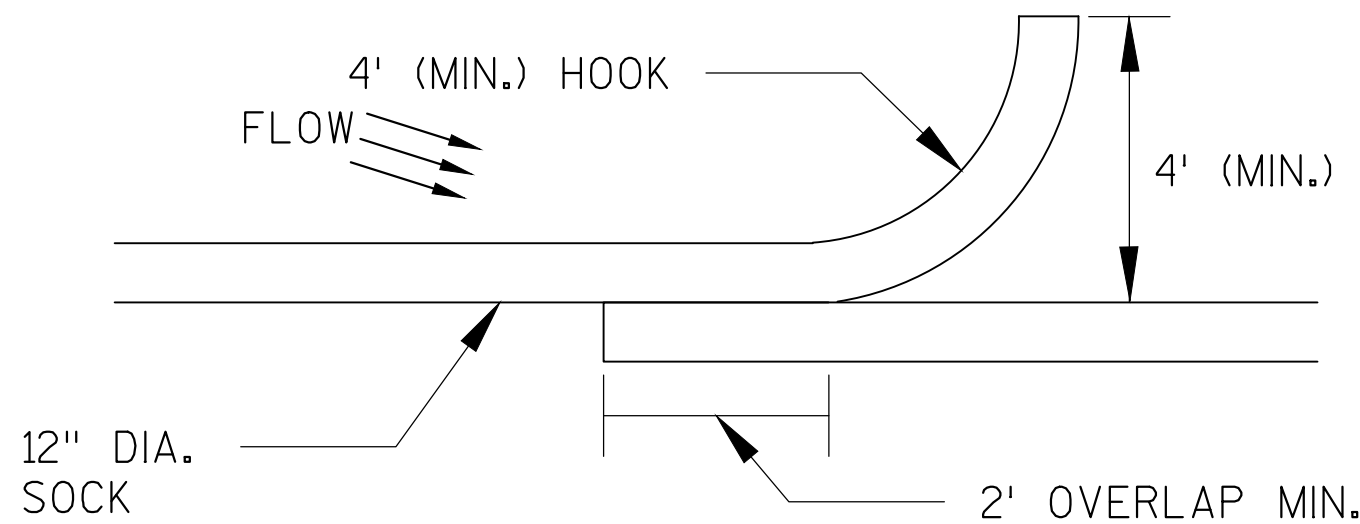




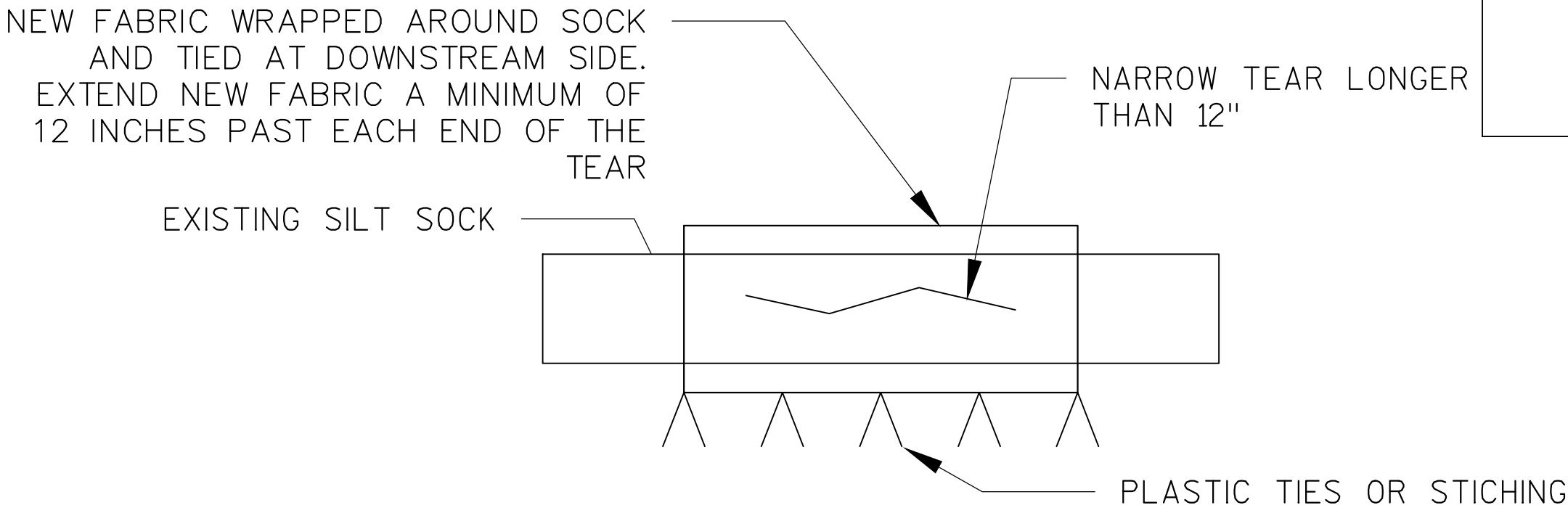
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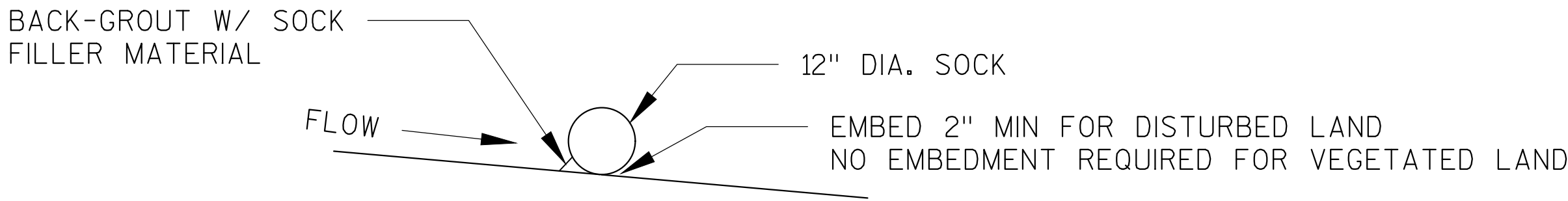
PLAN VIEW - FLOW 45 TO 90 DEG.  
TO EROSION LOG



PLAN VIEW - FLOW LESS THAN 45 DEG. TO  
EROSION LOG



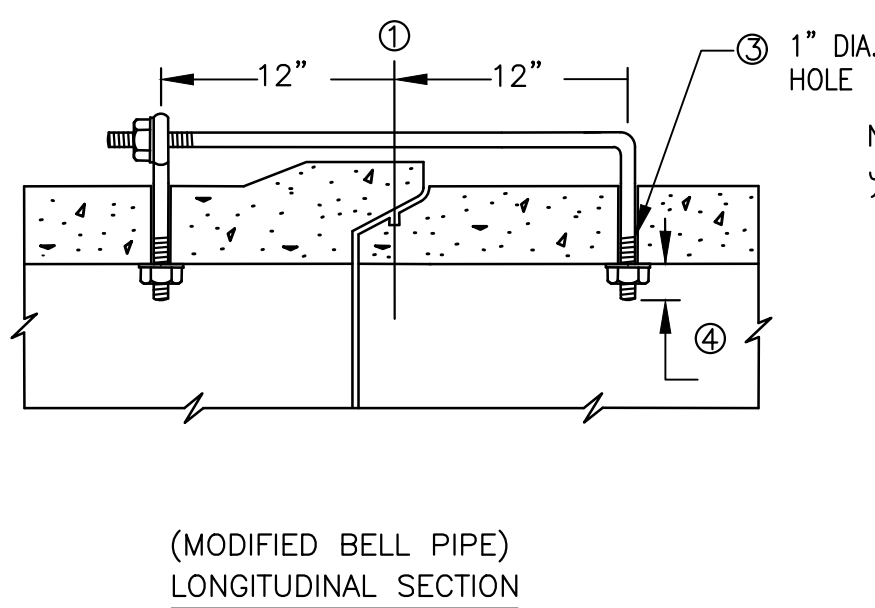
REPAIR DETAIL - TEAR GREATER  
THAN 12 INCHES



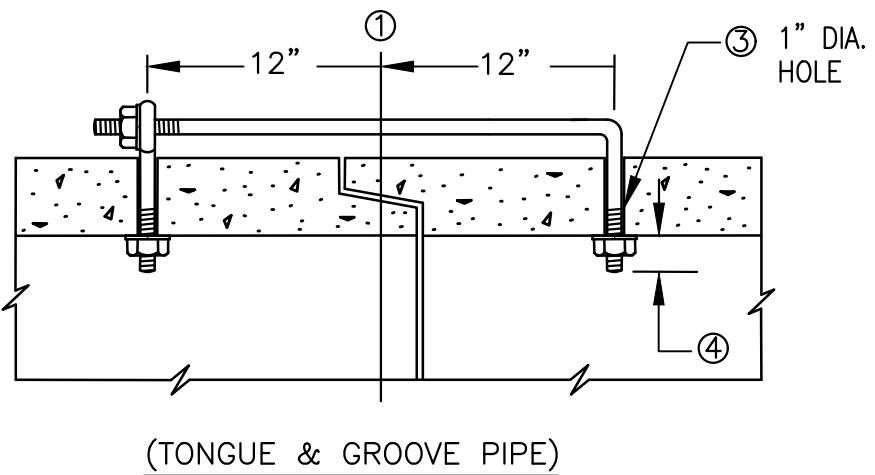
SECTION VIEW

- NOTES:
- LOG MATERIAL PER WISDOT EROSION CONTROL PRODUCT ACCEPTABILITY LIST, TEMPORARY DITCH CHECKS. LOG FILLER TO BE COMPOST OR WOOD CHIPS (2" MAX.) MEETING WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
  - WHEN LOG IS USED ON A PAVED SURFACE CONCRETE BLOCKS SHALL BE USED TO SECURE LOG IN PLACE
  - ACCUMULATED SEDIMENT SHALL BE REMOVED FROM BEHIND LOG WHEN IT HAS REACHED A HEIGHT EQUAL TO HALF OF THE LOG HEIGHT.
  - SMALL HOLES OR RIPS LESS THAN 12" LONG MAY BE STITCHED CLOSED USING PLASTIC ZIP TIES. LARGER RIPS SHALL BE FIXED PER THE REPAIR DETAIL. HEAVILY DAMAGED SECTIONS SHALL BE REPLACED ENTIRELY. MAINTAIN A 2' MINIMUM OVERLAP AT EACH END.
  - INSTALL LOG SIZE THAT IS IDENTIFIED IN THE PROJECT SPECIFICATIONS.

D APRON ENDWALL DETAIL  
14 NOT TO SCALE

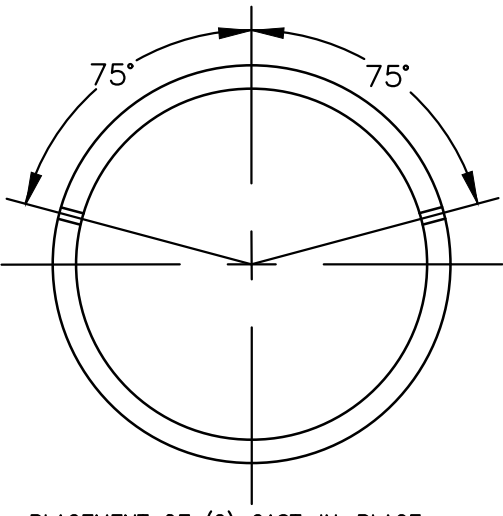


(MODIFIED BELL PIPE)  
LONGITUDINAL SECTION



(TONGUE & GROOVE PIPE)

PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
12" TO 15"	3 3/4"	5 3/4"
18" TO 24"	4 1/2"	6 1/4"
36"	5 1/2"	7"
48"	6 1/2"	*
54"	*	*
60"	*	*



PLACEMENT OF (2) CAST-IN-PLACE  
INSERTS OR HOLES DURING FABRICATION  
FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION

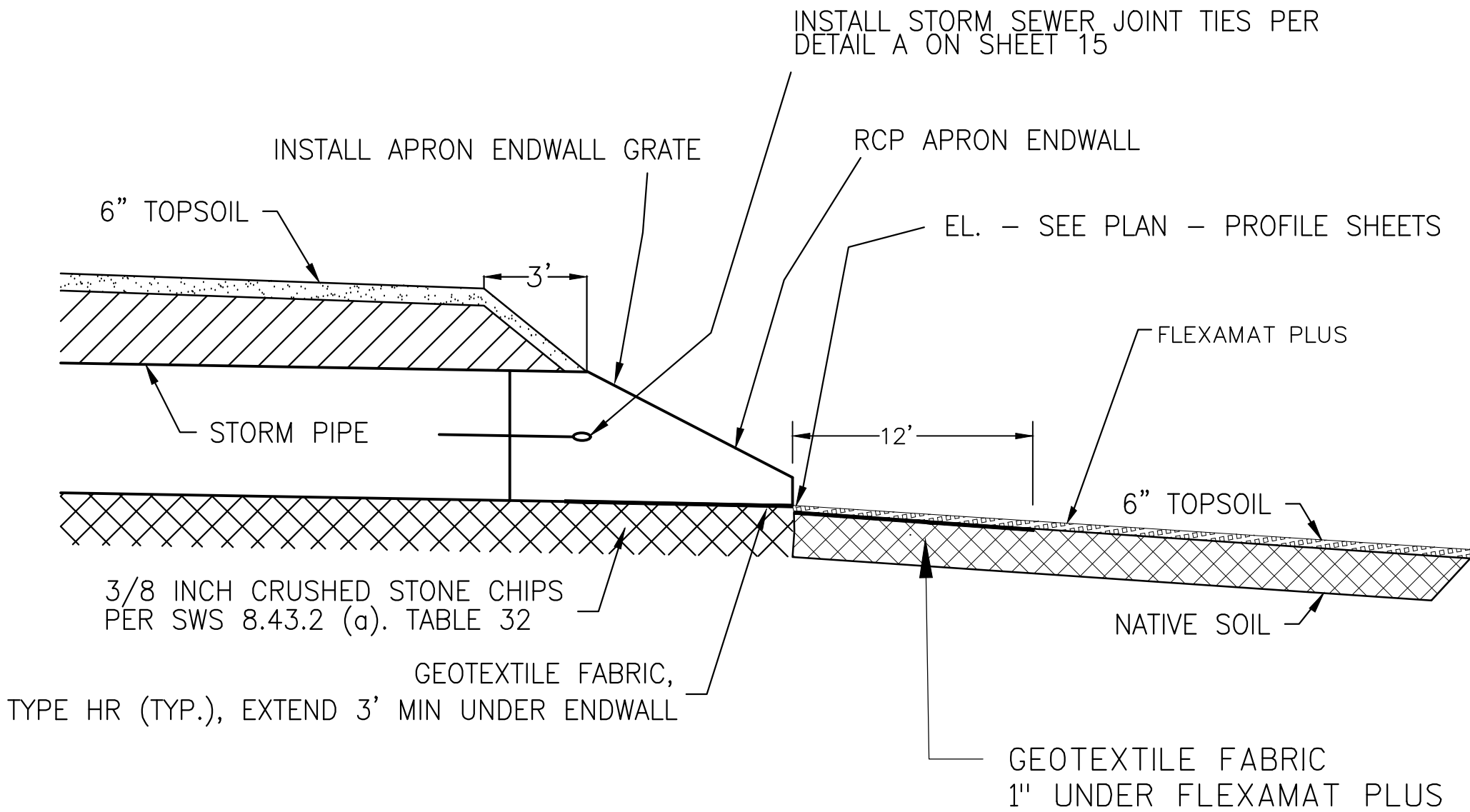
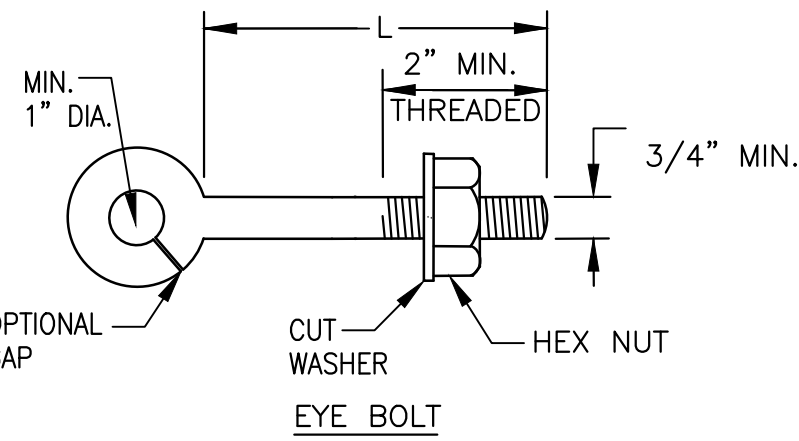
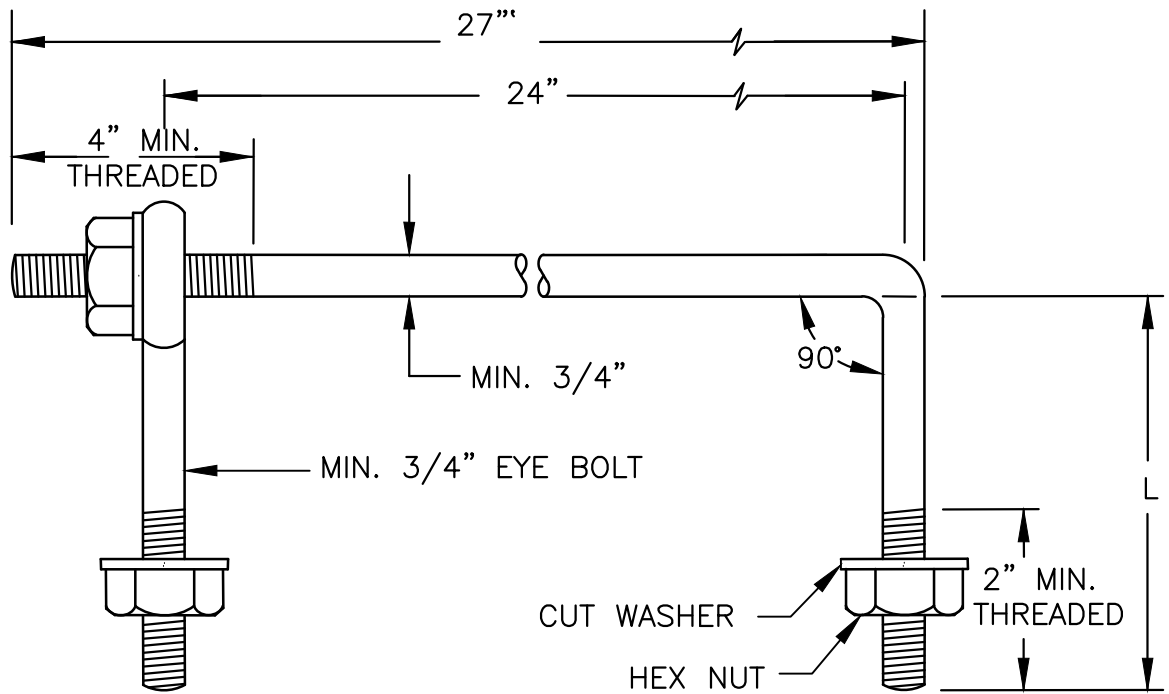
NOTE: TWO EYE BOLTS MAY BE USED WITH  
A 30" LONG THREADED ROD IN LIEU  
OF THE 90° BENT TIE ROD.

EYE BOLT AND TIE ROD

UNLESS OTHERWISE STATED IN THE CONTRACT, THE MATERIALS, FABRICATIONS  
AND WORK NECESSARY TO TIE REINFORCED CONCRETE PIPE WILL BE  
CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.

- Q OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.
- HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12" FROM C. OF TONGUE AND GROOVE.
- BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2".

A JOINT TIE DETAIL  
14 NOT TO SCALE



C APRON ENDWALL DETAIL  
14 NOT TO SCALE

AECOM

PROJECT

SPRINGDALE  
ESTATES  
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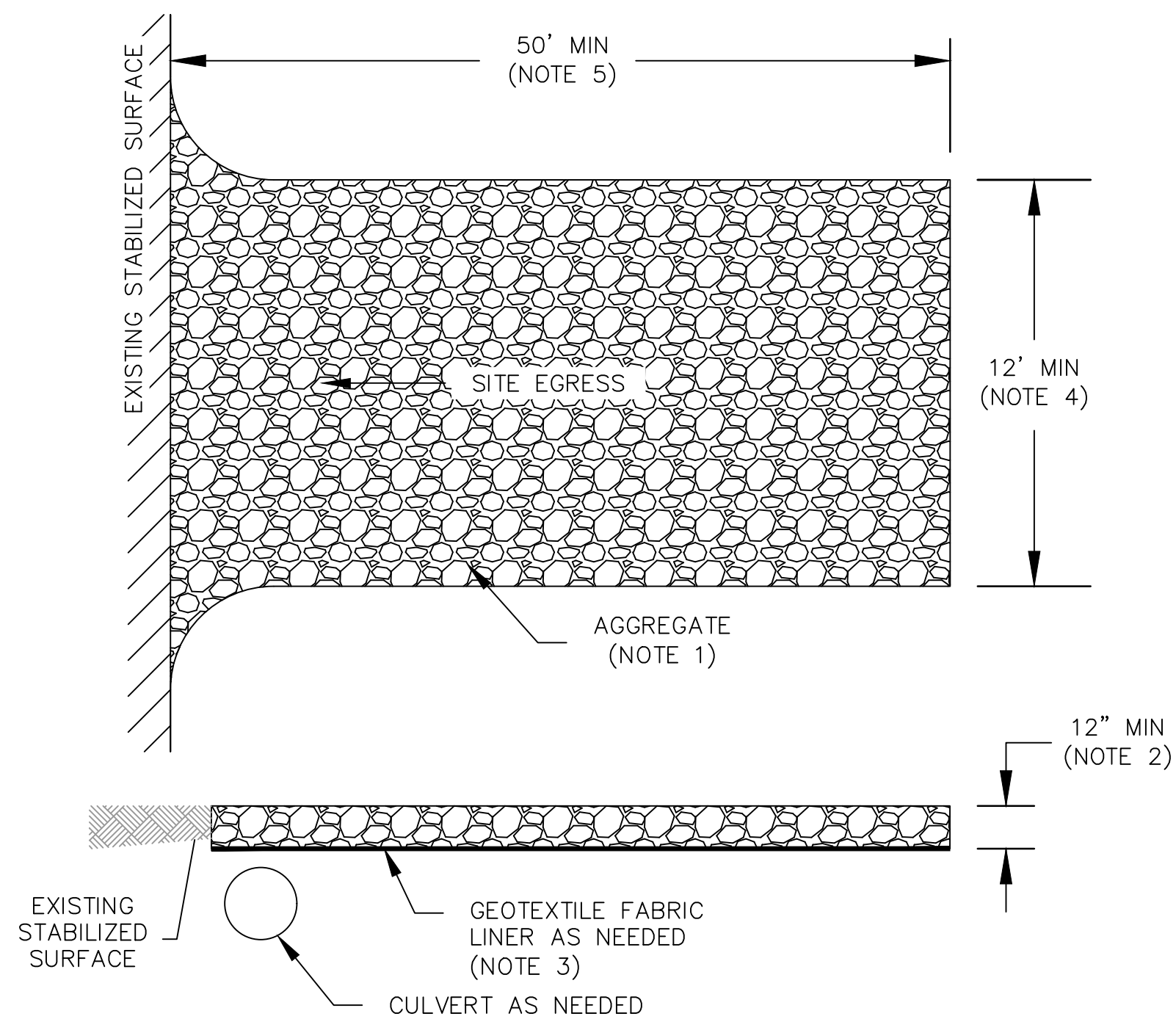
60339891

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DETAILS SHEET

SHEET NUMBER

14



NOTE:

1. USE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE MEETING THE GRADATION IN TABLE 1 OF WDNR TECHNICAL STANDARD 1057.
2. SLOPE THE STONE TRACKING PAD IN A MANNER TO DIRECT RUNOFF TO AN APPROVED TREATMENT PRACTICE.
3. SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
4. INSTALL TRACKING PAD ACROSS FULL WIDTH OF THE ACCESS POINT, OR RESTRICT EXISTING TRAFFIC TO A DEDICATED EGRESS LANE AT LEAST 12 FEET WIDE ACROSS THE TOP OF THE PAD.
5. IF A 50' PAD LENGTH IS NOT POSSIBLE DUE TO SITE SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.
6. IN LIEU OF A STONE TRACKING PAD, CONTRACTOR MAY UTILIZE OTHER TRACK OUT CONTROL PRACTICES IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARD 1057.



## GRADING AND EROSION CONTROL NOTES

1. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE CITY OF PEWAUKEE AND WDNR PERMIT REQUIREMENTS. SEE DETAILS FOR MINIMUM EROSION CONTROL MEASURES AND REFERENCES TO APPLICABLE WDNR TECHNICAL STANDARDS. CONTRACTOR SHALL DOWNLOAD APPLICABLE TECHNICAL STANDARDS FROM <https://dnr.wisconsin.gov/topic/Stormwater/standards> AND THE WISCONSIN CONSTRUCTION SITE EROSION CONTROL FIELD GUIDE FROM <https://dnr.wi.gov/topic/stormwater/documents/WlconstECfieldGuide.pdf> AND KEEP AVAILABLE ON THE JOB SITE UNTIL FINAL STABILIZATION.
2. FOLLOW CONSTRUCTION SEQUENCE NOTED ON THIS PAGE UNLESS OTHERWISE DIRECTED IN THE FIELD BY THE OWNER, OWNER'S REPRESENTATIVE OR WDNR REPRESENTATIVES.
3. CONTRACTOR IS REQUIRED TO CONDUCT AND RECORD A MINIMUM OF WEEKLY EROSION CONTROL INSPECTIONS AND WITHIN 24 HOURS OF RAINFALLS OVER 0.5 INCHES. ALL MAINTENANCE SHALL BE CONDUCTED WITHIN 24 HOURS. RECORDS OF INSPECTIONS AND MAINTENANCE SHALL BE KEPT ON SITE AND MADE AVAILABLE UPON REQUEST.
4. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES SHOWN ARE THE MINIMUM PRECAUTIONS REQUIRED. ADDITIONAL MEASURES, AS REQUESTED BY OWNER, OWNER'S REPRESENTATIVE AND/OR WDNR REPRESENTATIVES SHALL BE INSTALLED/REPAIRED WITHIN 24 HOURS.
5. INSTALL TRACKOUT CONTROL PER WDNR TRACKOUT CONTROL PRACTICES #1057 AND PERIMETER CONTROLS PRIOR TO ANY LAND-DISTURBING ACTIVITIES. CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF CONTAINED STREET SWEEPING (NOT BROOMING OR FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.
6. LOCATION(S) OF SOIL STOCKPILES, INCLUDING TOPSOIL, STORED ON SITE SHALL BE SUBJECT TO APPROVAL OF OWNER. SILT FENCE SHALL BE PLACED ON THE DOWNSTREAM SIDES OF THE STOCKPILE. SOIL STOCKPILES STORED FOR MORE THAN 7 CONSECUTIVE DAYS SHALL BE TEMPORARILY STABILIZED (E.G. TEMPORARY SEEDING, MULCHING, TARPING, EROSION MATTING, ETC).
7. DEWATERING – FOLLOW WDNR TECHNICAL STANDARD DEWATERING #1061 AND THE CITY OF PEWAUKEE TECHNICAL STANDARDS. NOTIFY WDNR IF DEWATERING IS SCHEDULED TO OCCUR IN AREAS OF SOIL AND/OR GROUNDWATER CONTAMINATION, OR IF DEWATERING WILL OCCUR FROM A HIGH CAPACITY WELL (70 GPM OR MORE). DEWATER ONLY AFTER THE APPROPRIATE WDNR DEWATERING DISCHARGE PERMIT HAS BEEN APPROVED. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. ALL PUMPED EFFLUENT FROM DEWATERING OPERATIONS (TRENCH DEWATERING OR OTHERWISE) SHALL BE DISCHARGED TO A GEOTEXTILE FILTER BAG. THE GEOTEXTILE BAG SHALL BE PLACED ON VEGETATED/STABILIZED GROUND AND DISCHARGE TO A SEDIMENT BASIN OR TRAP. SHOULD NO BASIN EXIST, THE GEOTEXTILE BAG SHALL BE PLACED ON TYPE R GEOTEXTILE FABRIC AND SURROUNDED BY A SEDIMENT BALE BARRIER CONFORMING TO WDNR TECHNICAL STANDARD SEDIMENT BALE BARRIER #1055. THE TYPE R GEOTEXTILE FABRIC SHALL BE BROUGHT UP THE SIDES AND OVER THE TOP OF THE SEDIMENT BALES AND SECURED. DISCHARGE SHALL NOT BE ALLOWED TO FLOW OVER UNPROTECTED GROUND. IN NO CASE SHALL PUMPED WATER BE DIVERTED OUTSIDE THE PROJECT LIMITS PRIOR TO SEDIMENT REMOVAL.
8. SEED, FERTILIZER, AND EROSION MAT SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS LEFT INACTIVE FOR 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH.
9. NON-CHANNELIZED DISTURBED LAND AREAS: PROVIDE CLASS I, URBAN, TYPE B EROSION CONTROL MATTING AND INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052 IMMEDIATELY FOLLOWING FINAL GRADING, PREPARATION, AND SEEDING.
10. CHANNELIZED DISTURBED LAND AREAS: PROVIDE CLASS I, URBAN, TYPE B OR CLASS II, TYPE C EROSION CONTROL MATTING AS SHOWN ON THE PLANS OR DIRECTED IN THE FIELD AND INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053 IMMEDIATELY FOLLOWING FINAL GRADING, PREPARATION, AND SEEDING.
11. DUST CONTROL: FOLLOW WDNR TECHNICAL STANDARD DUST CONTROL #1068 TO MINIMIZE EXCESSIVE DUST BY SPRINKLING WATER, APPLYING TACKIFIERS, OR APPLYING SOIL STABILIZERS AS NECESSARY.

CONSTRUCTION SEQUENCE:

1. INSTALL TREE PROTECTION
2. INSTALL EROSION CONTROL, INLET PROTECTION AND TRACK OUT PRACTICES
3. REMOVE TREES, SHRUBS, AND STUMPS
4. REMOVE AND REPLACE 12" CONCRETE END SECTION NEAR STATION 1+72
5. GRADE BOTTOM OF DITCH AND INSTALL CULVERTS. RESET AND REPAIR STORM SEWER ENDWALLS AS NOTED IN THE PLANS
6. RESTORE DISTURBED AREAS AND CHANNEL INVERT AS NOTED IN THE PLANS
7. REMOVE TREE PROTECTION ONCE CONSTRUCTION ACTIVITIES HAVE CEASED AND WITH APPROVAL OF ENGINEER.
8. ONCE SEED IS ESTABLISHED, REMOVE EROSION CONTROL

## SEEDING SPECIFICATIONS:

TEMPORARY:

1. USE ANNUAL OATS AT 3.0 LB/1,000 SF FOR SPRING AND SUMMER SEEDING.
2. USE WINTER WHEAT OR WINTER RYE AT 3.0 LB/1,000 SF FOR FALL SEEDING AFTER SEPTEMBER 15.

PERMANENT:

1. TURF GRASS SEED MIX: USE REINDERS INC DELUXE 50 SEED MIX AT 4.5 LB PER 1,000 SQ. FT. OF AREA
2. LOW MOW SEED MIX: USE REINDERS INC NO MOW/LOW GROW SEED MIX AT 4.5 LB PER 1,000 SQ. FT. OF AREA

FERTILIZING SPECIFICATIONS:

1. TYPE A MEETING REQUIREMENTS OF SECTION 629 – FERTILIZER OF "STATE SPECIFICATIONS."

TEMPORARY AND PERMANENT:

1. USE WISDOT "SOWING METHOD" TYPE A OR B AT 5.5 LB/1,000 SF



## PROJECT

# SPRINGDALE ESTATES DRAINAGE IMPROVEMENTS

**CLIENT**

## CITY OF PEWAUKEE

W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
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**CONSULTANT**

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**SHEET TITLE**

## DETAILS SHEET

**SHEET NUMBER**

15

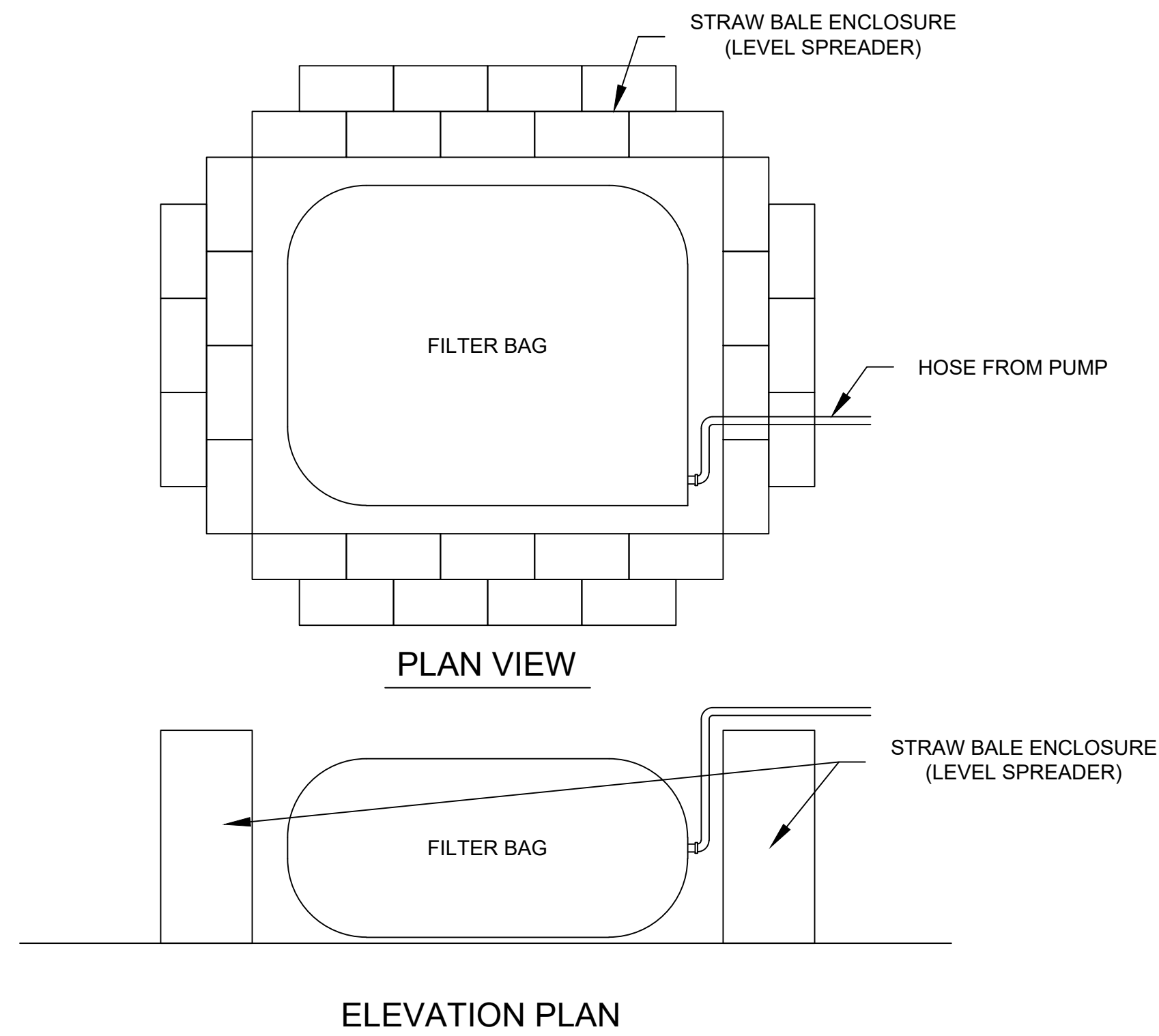


TABLE 1: PROPERTIES FOR GEOTEXTILE BAGS

PROPERTY	TEST METHOD	TYPE I VALUE	TYPE II VALUE
MAXIMUM APPARENT OPENING SIZE	ASTM D-4751	0.212 MM	0.212 MM
GRID TENSILE STRENGTH	ASTMD-4632	300 LBS.	300 LBS.
MULLEN BURNT	ASTM D-3766	350 PSI	350 PSI
PERMEABILITY	ASTM D-4481	0.28 CM/SEC	0.2 CM/SEC
FABRIC	NOMINAL REPRESENTATIVE WEIGHT	8 OZ.	12 OZ.

NOTES:

1. ALL PUMPED EFFLUENT FROM DEWATERING OPERATIONS (TRENCH OR OTHERWISE) SHALL BE DISCHARGED TO A GEOTEXTILE FILTER BAG CONFORMING TO WDNr CONSERVATION PRACTICE STANDARD 1061.
2. THE GEOTEXTILE FILTER BAG SHALL BE PLACED ON VEGETATED/STABILIZED GROUND AND DISCHARGED TO A SEDIMENT BASIN OR TRAP. SHOULD NO BASIN EXIST, THE GEOTEXTILE BAG SHALL BE PLACED ON FILTER FABRIC AND SURROUNDED BY A SEDIMENT BALE BARRIER CONFORMING TO CONSERVATION PRACTICE STANDARD 1055. THE FILTER FABRIC SHALL BE BROUGHT UP THE SIDES AND OVER THE TOP OF THE HAY BALES AND SECURED.
3. DISCHARGE SHALL NOT BE ALLOWED TO FLOW OVER UNPROTECTED GROUND.
4. IN NO CASE SHALL PUMPED WATER BE DIVERTED OUTSIDE THE PROJECT LIMITS PRIOR TO SEDIMENT REMOVAL.
5. CLAMP PUMP DISCHARGE HOSE SECURELY INTO FILTER BAG
6. LIMIT PUMPING RATE TO ½ THE MANUFACTURES MAXIMUM PUMPING RATE.
7. WHEN SEDIMENTS FILL ½ THE VOLUME OF THE FILTER BAG, IMMEDIATELY REMOVE THAT BAG FROM SERVICE, PROPERLY DISPOSE OF SPENT BAGS WITH THEIR SEDIMENTS.



## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD NO. 1053 (CHANNEL EROSION MAT).

VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERMITTED IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND IF PRIOR APPROVAL OF THE ENGINEER IS OBTAINED.

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.

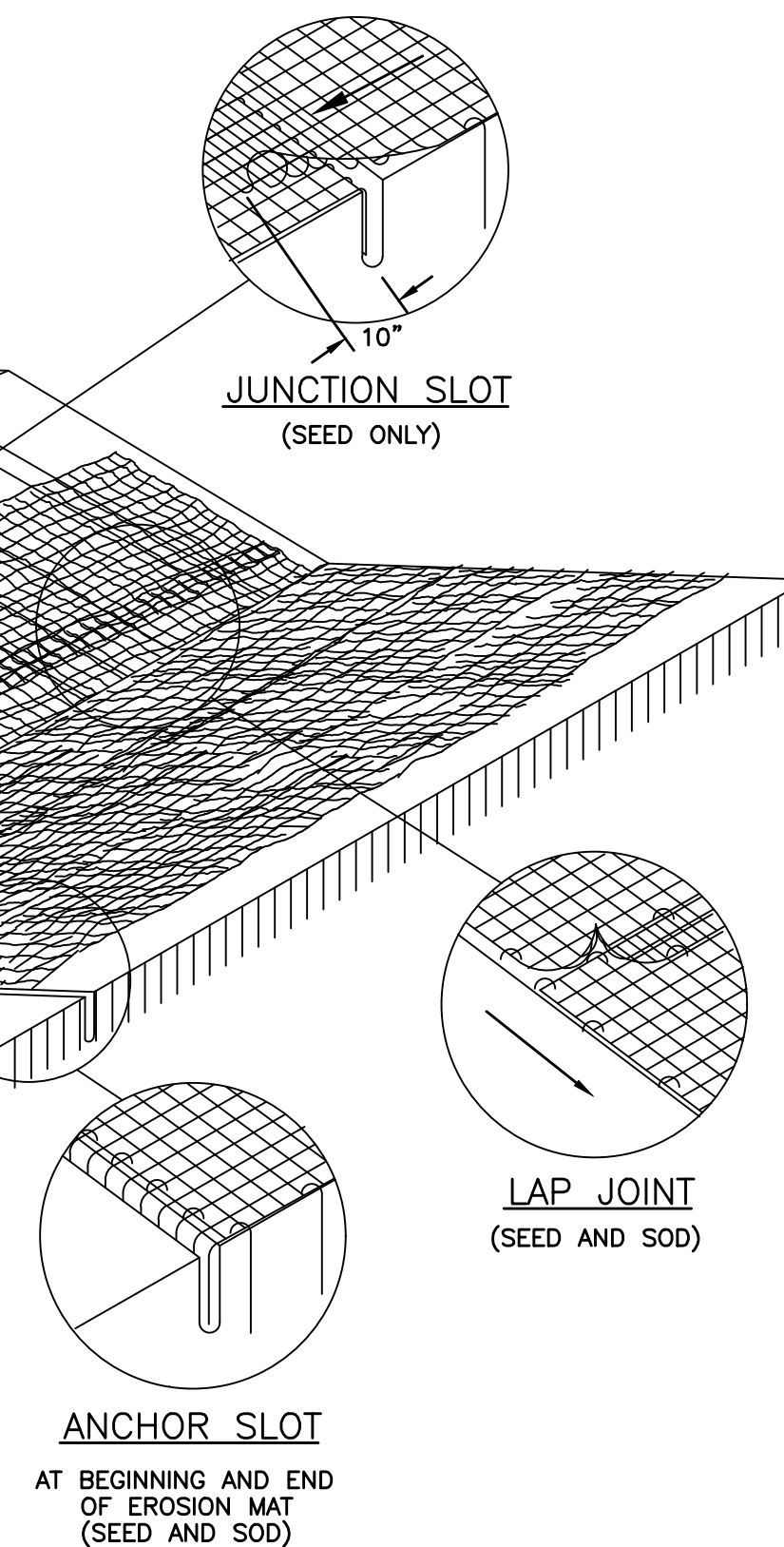
JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 (FOUR) FEET (1.219 m) APART.

EDGES OF EROSION MAT SHALL BE IMPRESSED IN THE SOIL.

EROSION MAT OVER SEEDING

JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET (30.48m) ON GRADES UP TO AND INCLUDING 3%, AND 50 FEET (15.24m) ON GRADES EXCEEDING 3%.

**NOTE:**  
CHANNEL EROSION MAT SHALL BE IN ACCORDANCE WITH WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD No. 1053



## PROJECT

# SPRINGDALE ESTATES DRAINAGE IMPROVEMENTS

**CLIENT**

## CITY OF PEWAUKEE

W240 N3065 PEWAUKEE ROAD  
PEWAUKEE, WI 53072  
TELE: 262-691-0770

## CONSULTANT

AECOM  
1555 NORTH RIVERCENTER DRIVE  
SUITE 214  
MILWAUKEE, WI 53212  
414.944.6080 tel 414.944.6081 fax  
[www.aecom.com](http://www.aecom.com)

## REGISTRATION

**ISSUE/REVISION**

1	03/07/2024	BID DOCUMENTS
I/R	DATE	DESCRIPTION

### KEY PLAN

## PROJECT NUMBER

60339891

**SHEET TITLE**

DETAILS SHEET

**SHEET NUMBER**

16



**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 6.**

**DATE:** April 15, 2024

**DEPARTMENT:** Public Works

**PROVIDED BY:** Magdelene Wagner

***SUBJECT:***

Discussion and Possible Action Regarding Ancient Oaks Early Grading and Fill Agreement and Establishing the Guarantee Value at \$138,000 [Wagner].

***BACKGROUND:***

Ancient Oaks is a development on the northwest corner of the North Avenue (CTH M) and Watertown Road (CTH M). The development will require the site to be filled as part of the development. The Developer has the opportunity to obtain this fill prior to approval of the full development plan approval. He is requesting permission to bring this fill in prior to full approval to keep his project on schedule. A separate grading and erosion control plan was developed for this work. Staff is reviewing this plan currently, but do not object in concept.

The financial guarantee will cover the erosion control, filling, grading, and restoration for this work with a 20% contingency per our ordinance. The amount should be established at \$138,000.

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***

Council approve the Ancient Oaks Grading and Fill Agreement and establish the financial guarantee at \$138,000 contingent on City Attorney and City Engineer approval.

**ATTACHMENTS:**

Description

Agreement

Draft Letter of Credit

Plans

## **GRADING AND STOCKPILING OF FILL MATERIAL AGREEMENT**

THIS AGREEMENT, made and entered into this 8<sup>th</sup> day of April, 2024, by and between Ancient Oaks LLC. hereinafter collectively and individually called the “Developer,” and the CITY OF PEWAUKEE, a Wisconsin municipal corporation of the State of Wisconsin, hereinafter called the “City.”

### **WITNESSETH:**

WHEREAS, the Developer proposes to develop certain lands located in the City of Pewaukee, Waukesha County, Wisconsin, being particularly described on Exhibit “A” attached hereto and incorporated herein by this reference (the “Property”), commonly referred to as Ancient Oaks Condominium, Pewaukee, Wisconsin; and

WHEREAS, the City Common Council previously approved the Conditional Use Permit and Rezoning for the development of Condominium Units on December 04, 2023 (the “Condominium”) on the Property; and

WHEREAS, the City has reviewed the Developer’s conceptual Grading Plan; and

WHEREAS, one of the requisites for development of the Condominium is the installation of various private, as well as public, improvements to be implemented pursuant to a future development agreement; and

WHEREAS, said development agreement has not yet been prepared and executed; and

WHEREAS, the Developer has requested the City to authorize and permit grading and stockpiling of fill material on the Property at this time; and

WHEREAS, the City recognizes that timing is a factor to be considered and is willing to allow Developer, at its risk, to perform grading and stockpiling as requested upon the condition, however, that the Developer agrees to those certain terms and conditions as more fully hereinafter set forth.

NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) to each in hand paid, the receipt and sufficiency whereof is hereby acknowledged, and in further consideration of the mutual premises and covenants hereinafter set forth, it is hereby agreed by and between the parties hereto:

### **I. THE CITY AGREES:**

1. To permit the Developer to perform all rough grading work on the Property, including, but not limited to, the installation of silt fencing, general grading of the site and the construction

of storm water management ponds (collectively the “Grading”), upon the terms and conditions set forth below as follows and as per attached JSD Engineering attached plan.

2. To permit the Developer to stockpile appropriate fill materials on the Property, not to exceed the total amount 50,000 cubic yards, in anticipation of using said fill materials in the development of the Property (collectively the “Stockpiling”), upon the terms and conditions set forth below.

## II. THE DEVELOPER AGREES:

1. All Grading and Stockpiling shall be done at the Developer’s risk.

2. All Grading and Stockpiling shall comply with the attached site grading, drainage and soil erosion plan and related specifications as approved by the City Engineer. All plans for such Grading and Stockpiling have been or will be prepared on behalf of the Developer by a professional engineer licensed by the State of Wisconsin.

3. The City shall be reimbursed by the Developer for all costs incurred by the City in relation to the Grading and Stockpiling. These costs shall include, but not be limited to, plan review, inspection and related overhead costs. Said reimbursement shall be guaranteed by the Developer as set forth and required in Paragraph 9 below.

4. In the event the preparation and/or final review of the Master Grading Plans by the City dictate revisions to the proposed grades, either at the Developer’s request or at the direction of the Engineer, such re-grading shall be performed by the Developer without any recourse to the City whatsoever, prior to the commencement of any underground installations in the Subdivision development.

5. The Grading and Stockpiling shall be performed with proper control of soil erosion and with minimum siltation of existing drainage facilities. Any damage to the existing drainage facilities, including siltation removal, shall be immediately repaired by the Developer. As appropriate, by virtue of delay in the development process, vegetative cover shall be re-established by the Developer and/or effective erosion control measures shall be installed and continually maintained by the Developer where vegetation has been removed, covered or destroyed.

6. In the event installation of improvements and/or buildings on the lots does not begin as of 9/15/2024, for any reason whatsoever, all of the graded or disturbed area shall have vegetative cover re-established by the Developer to an extent as to be determined by the City. In the event vegetative cover is not established by 10/1/2024 the City shall arrange for such work to be done, which shall be paid by the Developer.

7. In the event installation of improvements and/or buildings on the lots does not begin as of 9/15/2024, for any reason whatsoever, all of the stockpiled fill material shall be removed or spread on site and all disturbed area shall have vegetative cover re-established by the Developer to an extent as to be determined by the City. In the event the Stockpiled material is not spread or



vegetative cover is not established by 10/1/2024, the City shall arrange for such work to be done, which shall be paid by the Developer.

8. All truck traffic to and from the Property, as part of the operation permitted herein, shall be conducted by the Developer as governed by the applicable codes and regulations of Waukesha County and of the City and as directed by the City Engineer, with respect to method, time and operations and routing, etc. Any public street used for access to the Property shall be kept free of mud, dirt and debris on a daily basis. In the event a clean-up order from the City is not complied with, such work shall be arranged and accomplished by the City and paid for out of the deposit referred to in Paragraph 9 below.

9. To assure compliance with the conditions set forth in this agreement, including, but not limited to, the establishment of positive soil erosion control measures, performance hereunder shall be guaranteed with a bank Letter of Credit by the Developer with the City in the amount of \$ 138,000.00 which shall be submitted prior to the commencement of any activity on the Property by the Developer with respect to the Grading and Stockpiling. In the event Developer does not comply with or fully perform this agreement, the City is authorized to stabilize the site or to take other action to correct the Developer's violations hereof by using the Bank Letter of Credit for such purposes. Upon completion of the performance of this agreement, the deposit, or remaining balance of the deposit, if any, shall be returned to the Developer. In the event said Bank Letter of credit is insufficient in amount to pay all costs related to performance of and compliance with this agreement, the Developer shall remit payment of all owed amounts to the City within ten (10) days of receipt of the City's invoice to the Developer.

10. This Agreement shall be binding upon the heirs, personal representatives, successors and assigns of the parties hereto.

11. Developer is responsible for DNR approval for required culverts in the Condominium. Further, it is the Developer's responsibility to comply with any and all provisions of DNR approval/denial conditions.

12. Upon execution of a Development Agreement between the City and Developer for the Property, this Agreement shall terminate and any remaining balance of the deposit shall be returned to Developer upon Developer's posting of cash or letter of credit to guaranty the improvements, including the grading of the Property, required under said Development Agreement.

IN WITNESS WHEREOF, the Developer and the City have caused this agreement to be signed individually by the Developer and by the appropriate officers of the City, with its seal to be hereunto affixed the day and year inserted above.

ANCIENT OAKS LLC., by William Carity, President

[illegible]

Personally came before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, the above-named William Carity, as President of ANCIENT OAKS LLC. to me known to be the persons who executed the foregoing instrument and who acknowledged the same.

Notary Public, State of Wisconsin.  
My Commission expires: \_\_\_\_\_

CITY OF PEWAUKEE  
WAUKESHA COUNTY, WISCONSIN

Steve Bierce, Mayor

Kelly Tarczewski, Municipal Clerk

[illegible]

Personally came before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the above named Steve Bierce, Mayor, and Kelly Tarczewski, Municipal Clerk, of the above named municipal corporation, to me known to be the persons who executed the foregoing instrument and to me known to be such individual and Municipal Clerk of said municipal corporation and acknowledged that they executed the foregoing instrument as such officers as the deed of said municipal corporation by its authority and pursuant to the authorization by the Governing Body of the City of Pewaukee from their meeting on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Notary Public, State of Wisconsin.  
My Commission expires: \_\_\_\_\_

**USE FOR FORM OF CONTENT ONLY**  
**IRREVOCABLE LETTER OF CREDIT**

DATE: 04/08/2024	AMOUNT: \$138,000.00
APPLICANT: Ancient Oaks LLC	BENEFICIARY: City of Pewaukee
	W240N3065 Pewaukee Road
RE: Grading and Stockpiling of Fill Material	Pewaukee, WI 53072

We hereby issue this Irrevocable Letter of Credit in your favor, City of Pewaukee, up to the aggregate amount of (\$ 138,000.00) Dollars available by your draft(s) drawn on the account of the Applicant.

This Irrevocable Letter of Credit is issued to guarantee and ensure to the City of Pewaukee that the terms and conditions of an agreement on file with the City of Pewaukee, dated 04/08/2024, including any amendments that may be made thereto by the parties, are satisfied.

All demands requested by the City of Pewaukee must be accompanied by a statement signed by the City Clerk for the City of Pewaukee stating that the Applicant, its heirs or assigns have defaulted or failed to perform pursuant to the above-noted agreement and/or any amendment thereto. All such demands shall be honored on presentation without notice to or subject to confirmation by Applicant.

This Irrevocable Letter of Credit may be reduced from time to time as and to the extent that the portion of work required under the aforementioned agreement is completed and paid for, provided, however, that no such reduction shall occur until the issuer has received a written statement from the City Clerk of the City of Pewaukee. Said statement should set forth the amount of reduction and the amount of remaining balance payable under this credit. This Letter of Credit shall be construed under the laws of the State of Wisconsin.

This Letter of Credit is irrevocable. This Letter of Credit will terminate on May 01, 2025, however, termination hereof shall not be effective unless, not less than ninety (90) days prior to the expiration date and not more than one hundred-twenty (120) days prior to the expiration date, written notice is delivered to the City of Pewaukee indicating that this Letter of Credit, pursuant to its terms, will expire. If said notice is not given at least ninety (90) days prior to the expiration or if said notice is given more than one hundred-twenty (120) days prior to the expiration date, this Letter of Credit shall terminate upon ninety (90) days written notice to the City of Pewaukee.

This Letter of Credit shall be governed by the laws of the State of Wisconsin.

Dated this 8th day of April, 2024.

By: \_\_\_\_\_  
Bank Representative



Approved as to Form:

---

City Attorney

Approved as to Aggregate Amount:

---

City Engineer

Approved as to Issuance:

---

Developer

Accepted and Placed on File:

---

City Clerk



File: R:\0231231232\DWG251326\SHEET2 SHEET2 Grading.dwg Layout: C2 L User: jfalcon Printed: Apr 05, 2024 3:31pm Xref:

#### SITE FILL AND EROSION CONTROL SEQUENCING

1. INSTALL PERIMETER SILT FENCE AND TEMPORARY CONSTRUCTION ENTRANCE. (APR. 2024)
2. STRIP AND STOCKPILE TOPSOIL, INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE. (APR. 2024)
3. CONSTRUCT WET DETENTION POND AND OUTLETS FOR USE AS TEMPORARY SEDIMENT BASIN, SPOILS FROM BASIN EXCAVATION MAY BE USED TO CONSTRUCT DIVERSION BERM/SWALE. (MAY 2024)
4. CONDUCT FILLING OF SITE. INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES AS NEEDED. (MAY 2024)
5. EXPOSED SOILS THAT WILL NOT BE WORKED FOR A PERIOD OF MORE THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING AND/OR OTHER EROSION CONTROL MEASURES IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES. REFER TO STABILIZATION PRACTICES BELOW. (JUL 2025)
6. DO NOT REMOVE EROSION CONTROL MEASURES WITHOUT THE APPROVAL OF THE CITY OF PEWAUKEE AND THE WISCONSIN DNR.

CHANGES TO THE CONSTRUCTION SITE SEQUENCING AND EROSION CONTROL PLAN MUST BE APPROVED BY THE CITY OF PEWAUKEE AND THE WISCONSIN DNR PRIOR TO IMPLEMENTATION.

#### STABILIZATION PRACTICES

- 1.1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
  - PERMANENT SEEDING, IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION
  - TEMPORARY SEEDING, MAY CONSIST OF SPRING OATS(10LBS/ACRE) AND/OR WHEAT OR CEREAL RYE (150LB/ACRE)
  - HYDRO-MULCHING WITH A TACKIFIER
  - GEOTEXTILE EROSION MATTING
  - SODDING
- 1.2. THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE.
- 1.3. CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED. (I.E. THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAYS. IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.
- 1.4. STABILIZATION MEASURES SHALL BE DETERMINED BASED ON SITE CONDITIONS AT THE TIME OF CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS AND LENGTH OF TIME MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES:

CSM NO. 2194  
OWNER: HOWARD SALAS/SH/7  
TAX KEY: PWC 0957-990-C

PARCEL B  
CSM NO. 2012  
OWNER: MARINCO FAMILY LLC  
TAX KEY: PWC 0958-990-002

PARCEL A  
CSM NO. 2012  
OWNER: MARINCO FAMILY LLC  
TAX KEY: PWC 0958-990-001

UNPLATTED LANDS  
OWNER: JOSEPH & ELLEN GRISWOLD TRUST  
TAX KEY: PWC 0958-978

UNPLATTED LANDS  
OWNER: RAYMOND & C.C  
TAX KEY: PWC 0958

UNPLATTED LANDS  
OWNER: CHERYL BRZYCKI  
TAX KEY: PWC 0958-992

UNPLATTED LANDS  
OWNER: MEGAN H/  
TAX KEY: PWC 0958

UNPLATTED LANDS  
OWNER: ROBERT  
TAX KEY: PWC 0958

BEARING BASIS:  
ALL BEARINGS ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE. THE NORTH LINE OF THE NW 1/4 OF SEC 24-7-19, WAS USED AS N87°52'04"W.  
PROJECT CONVERSION FACTOR: GRID/0.99990961 = GROUND  
VERTICAL DATUM: NGVD29

LEGEND			
	EXISTING 1 FOOT CONTOUR		PROPERTY LINE
	EXISTING 5 FOOT CONTOUR		RIGHT-OF-WAY
	SILT FENCE		PROPOSED 1 FOOT CONTOUR
	RIP-RAP		PROPOSED 5 FOOT CONTOUR
	CONSTRUCTION ENTRANCE		CONSTRUCTION FENCE
	EROSION MATTING		
	INLET PROTECTION		
	DITCH CHECK		
	DIVERSION SWALE		
	DIVERSION BERM		

UNPLATTED LANDS  
OWNER: JOSEPH & ELLEN GRISWOLD TRUST  
TAX KEY: PWC 0958-971

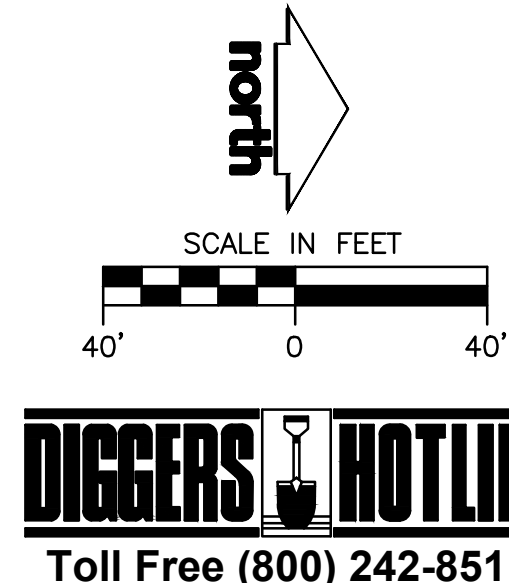
## PHASE I PHASE II

#### SEDIMENT BASIN SIZING

BASIN SURFACE AREA	10,505 S.F.
PARTICLE SETTLING VELOCITY (SOIL CLASS 2)	0.000073 FPS
ALLOWABLE 1-YR STORM EVENT DISCHARGE RATE	0.64 CFS
ACTUAL 1-YR STORM EVENT DISCHARGE RATE	0.62 CFS

#### NOTES:

1. CONSTRUCT TEMPORARY SEDIMENT BASIN IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1064.
2. SEDIMENT BASIN OUTLET STRUCTURE SHALL INITIALLY BE CONSTRUCTED WITH A SINGLE STANDPIPE AND OUTLET PIPE WITH A 3" DIAMETER ORIFICE. AFTER FINAL SITE STABILIZATION, POND OUTLETS SHALL BE MODIFIED/CONSTRUCTED TO MATCH THE PERMANENT DETENTION POND OUTLET DETAILS.



CREATE THE VISION TELL THE STORY

jsdinc.com

MILWAUKEE REGIONAL OFFICE  
W238 N1610 BOISSE ROAD, SUITE 100  
WAUKESHA, WISCONSIN 53186  
P. 262.513.0666

DEVELOPER:

CARITY LAND CORP.

DEVELOPER ADDRESS:

12720 W. NORTH AVE.  
BROOKFIELD, WI 53005

PROJECT:

ANCIENT OAKS  
CONDOMINIUMS

PROJECT LOCATION:

N18W22670 WATERTOWN ROAD  
PEWAUKEE, WAUKESHA COUNTY  
WISCONSIN, 53186



#### PLAN MODIFICATIONS:

#	Date:	Description:
1	08/31/23	PRELIMINARY PRICING SET
2	09/29/23	PLAN COMMISSION SUBMITTAL
3	10/06/23	UPDATED SEC DELINEATION
4	11/06/23	CITY SUBMITTAL
5	01/05/24	BID DOCUMENTS
6	02/21/24	DNR RESUBMITTAL
7	03/20/24	FILL PLAN
8	04/05/24	CITY RESUBMITTAL
9		
10		
11		
12		
13		
14		
15		

Designed By: JJS  
Reviewed By: JJS  
Approved By: JJS

SHEET TITLE:  
SITE FILL AND EROSION  
CONTROL PLAN

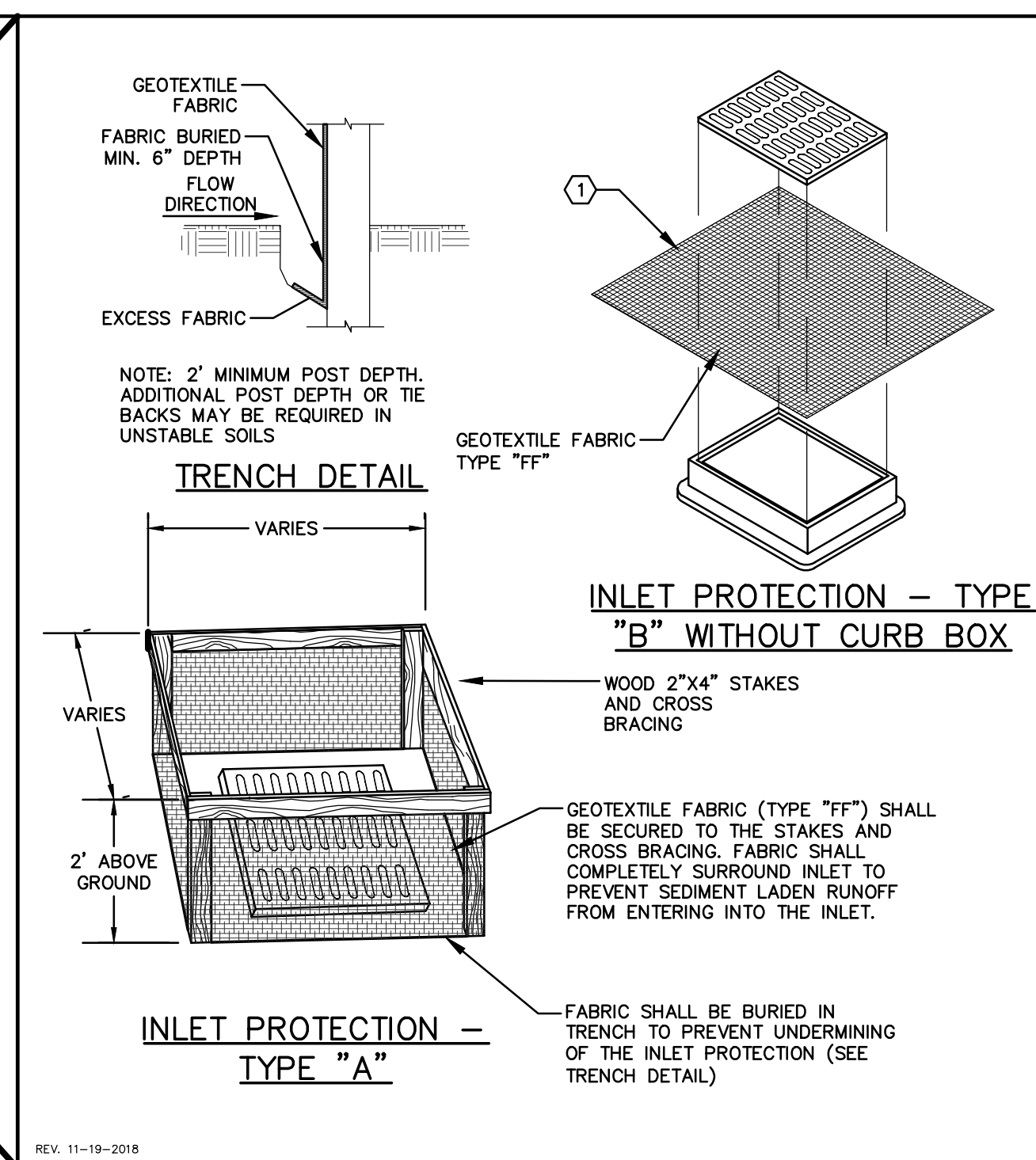
SHEET NUMBER:

# C2.0

JSD PROJECT NO:

25-13326





## GENERAL NOTES:

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

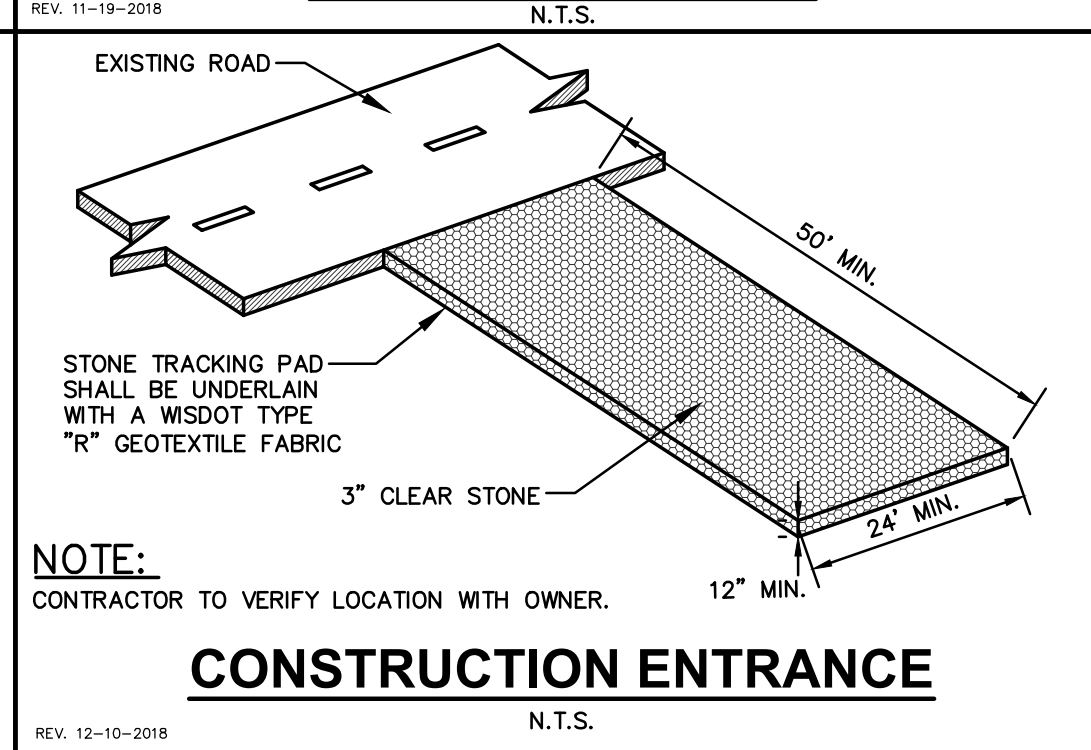
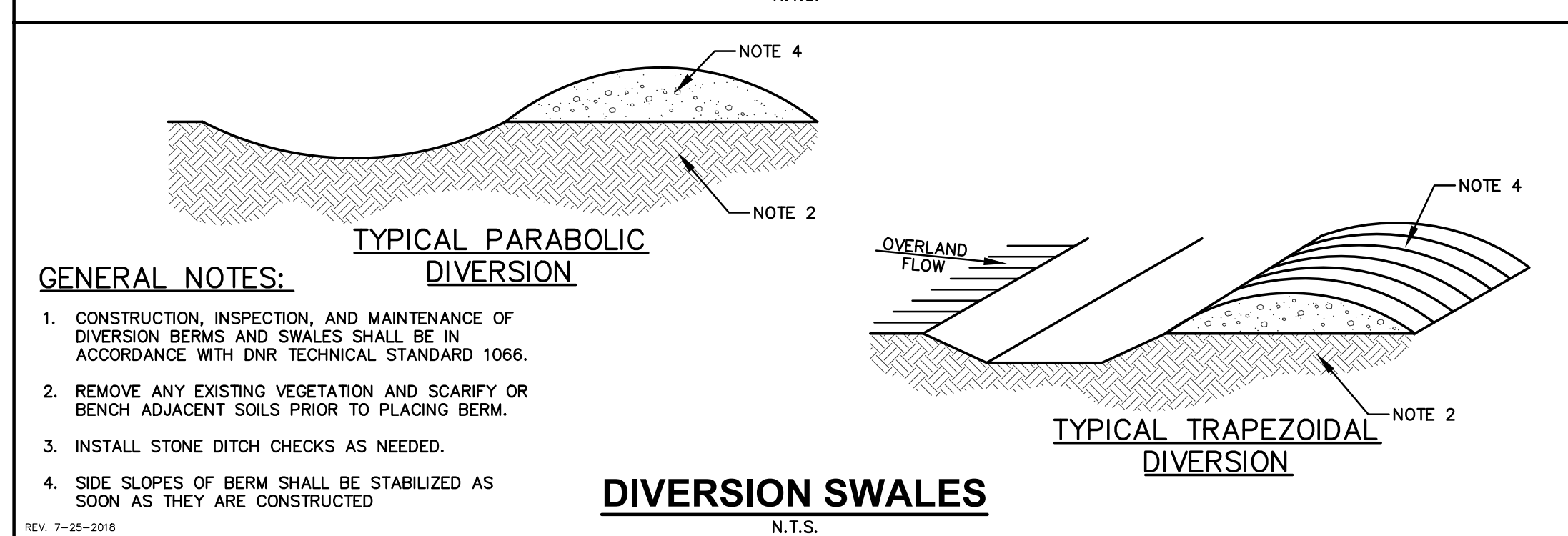
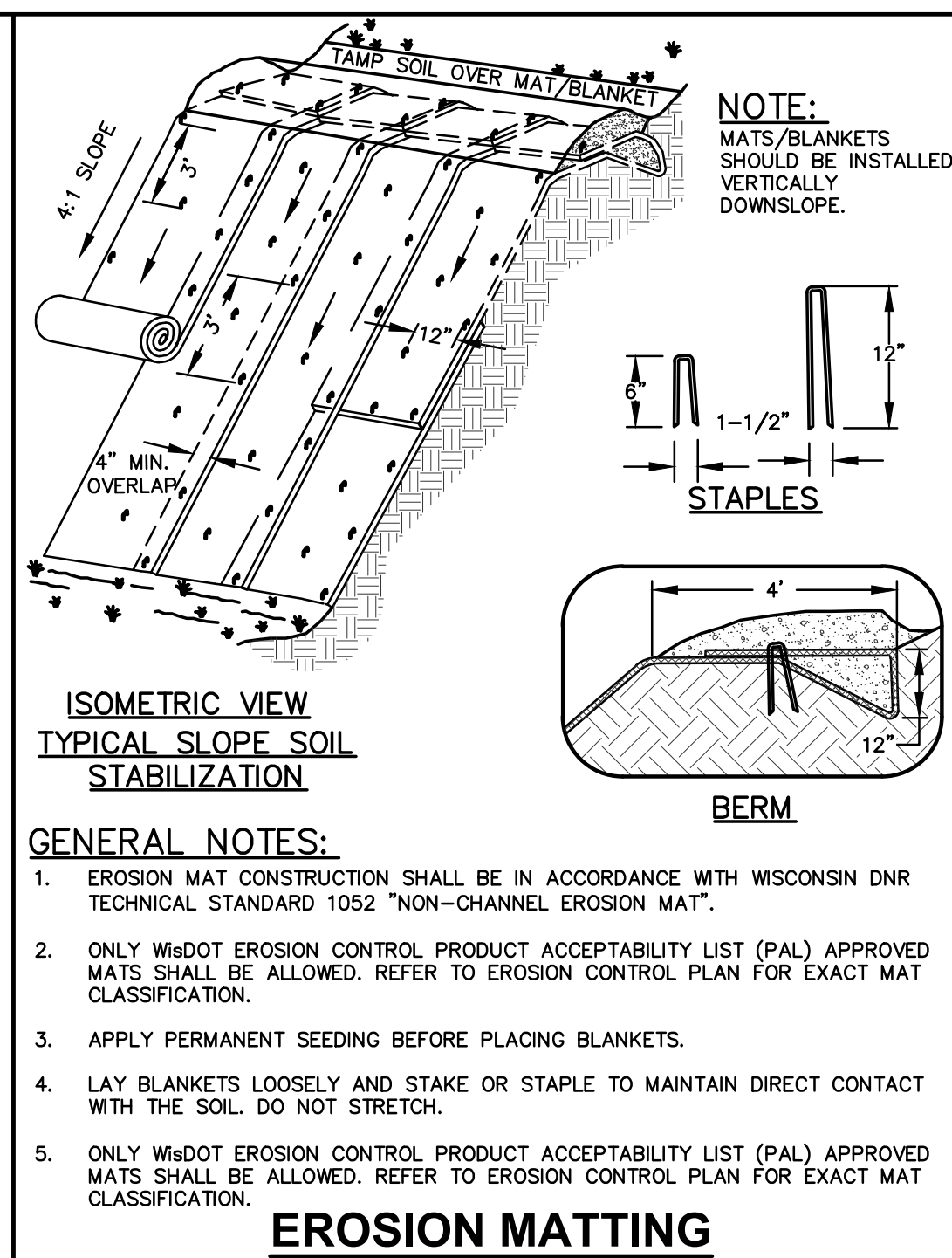
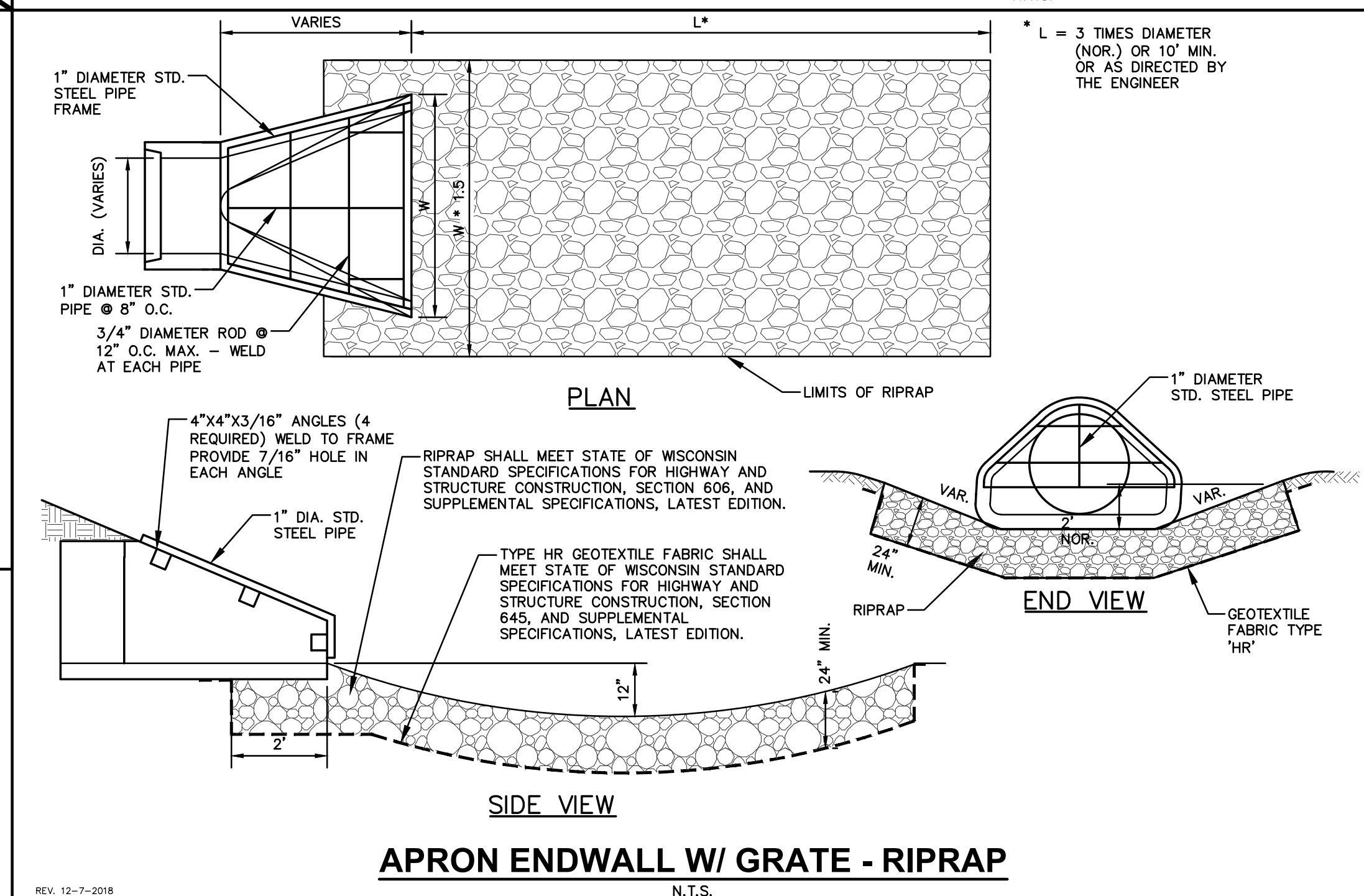
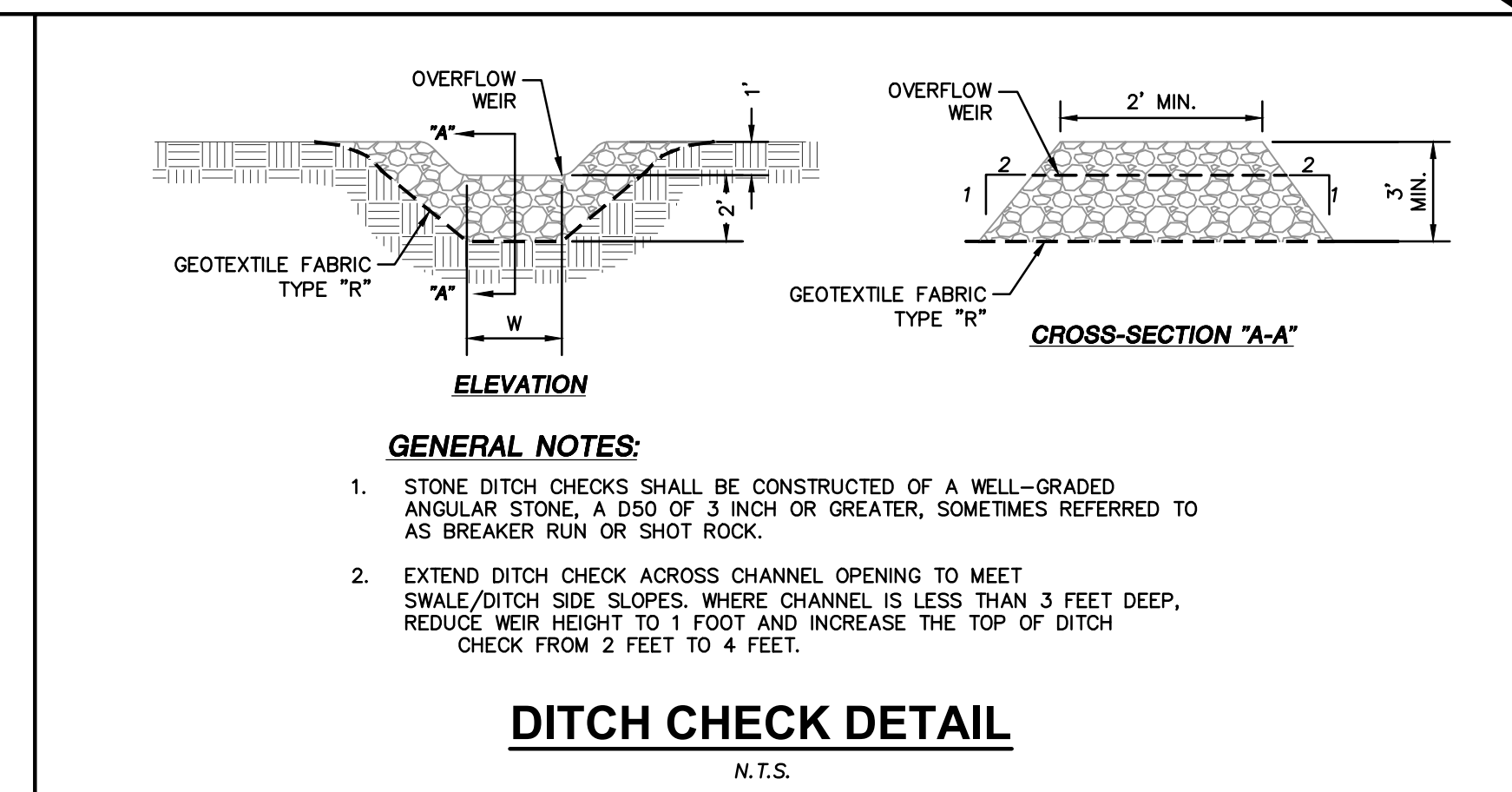
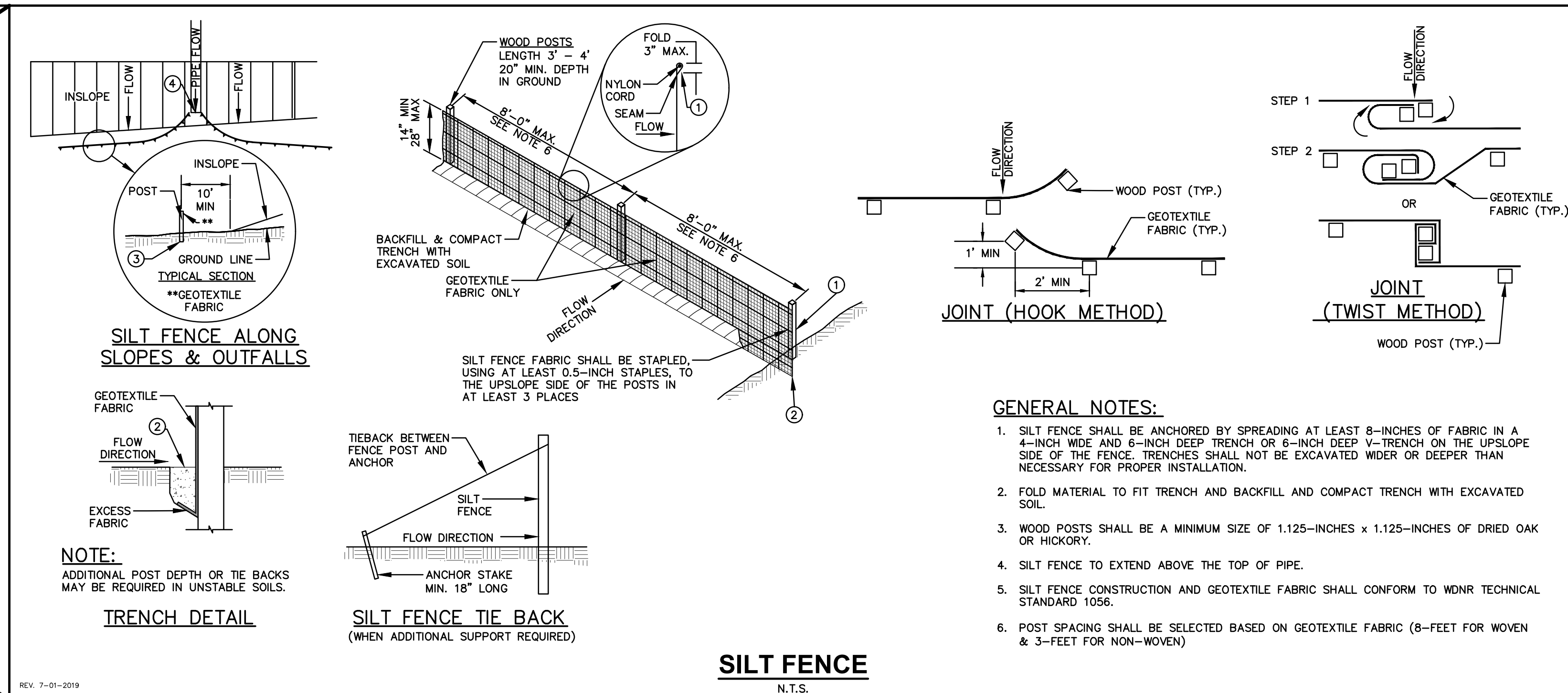
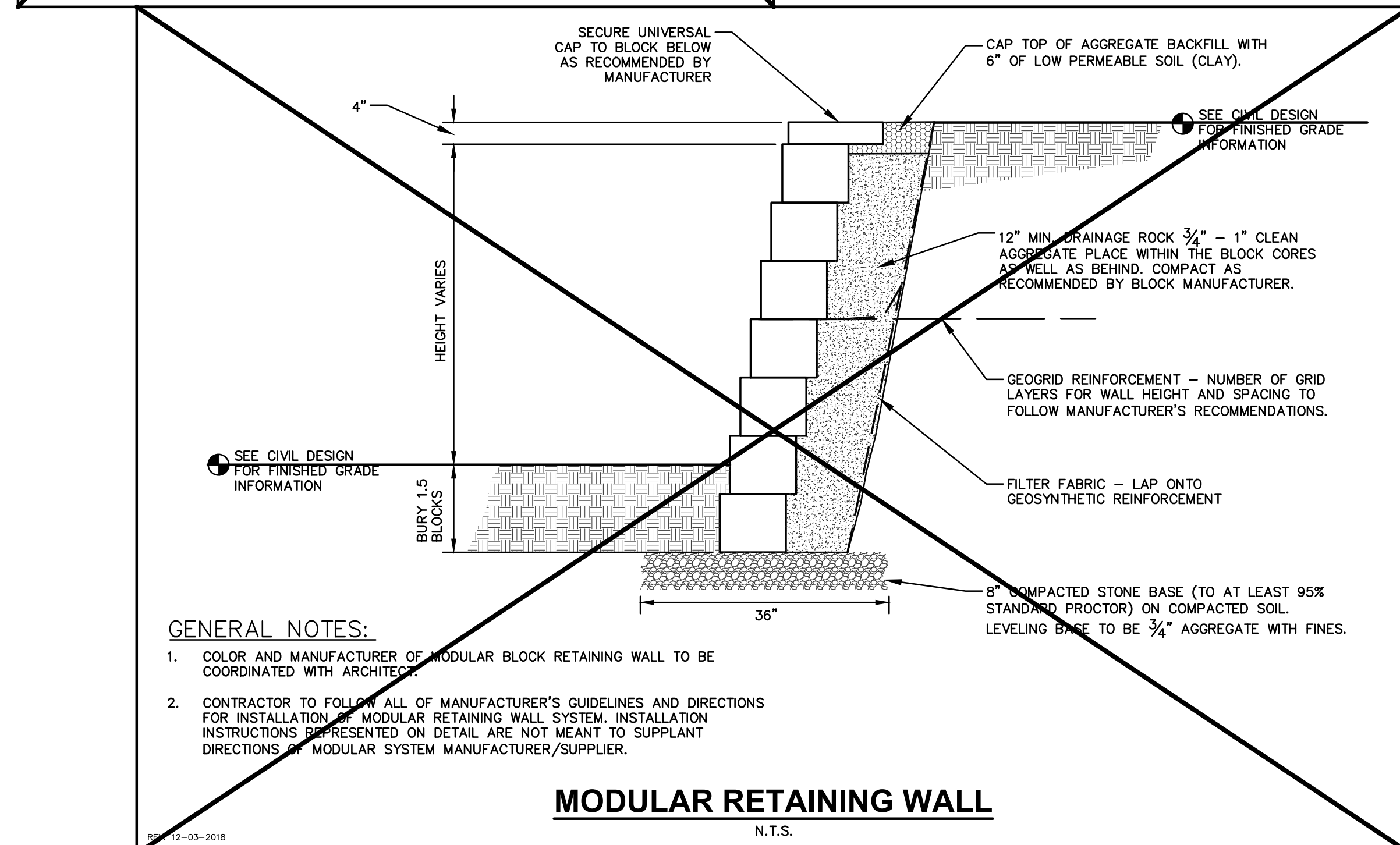
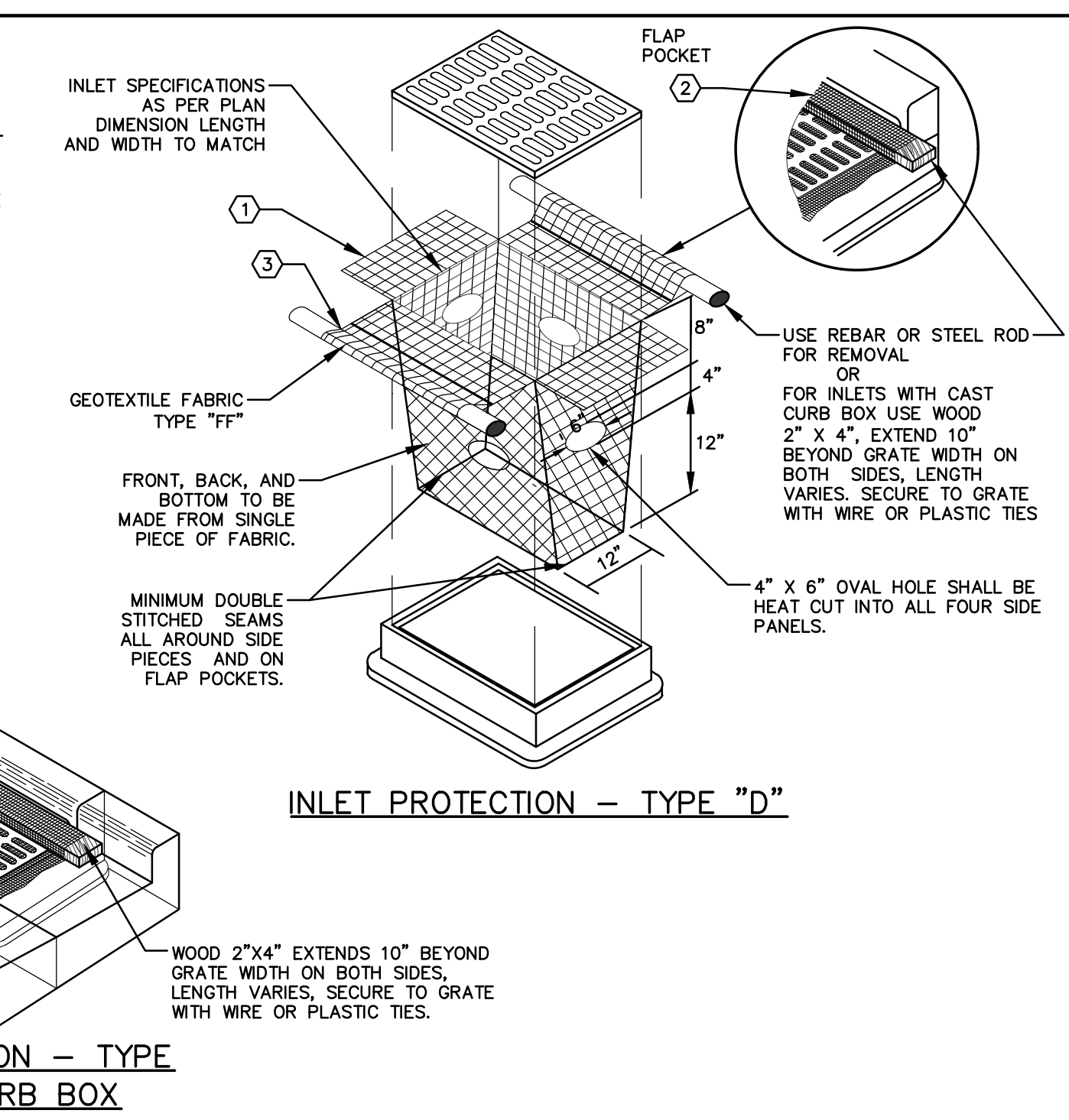
MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FLY INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL PROVIDE TYPE "D" INLET PROTECTION FOR THE INLETS IN DEAD LOW AREAS OF THE ROADWAY.

CONTRACTOR SHALL PROVIDE TYPE "A" INLET PROTECTION FOR THE FIELD INLETS.

- ① FINISHED SITE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXIST A MINIMUM OF 10' AROUND THE PERIMETER OF FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE "C" (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT A WOOD 2X4









**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 7.**

**DATE:** April 15, 2024

**DEPARTMENT:** Administration

**PROVIDED BY:**

***SUBJECT:***

Discussion and Possible Action to Dissolve the Bike & Pedestrian Committee and Incorporate Its Oversight to the Public Works Committee [Mayor Bierce].

***BACKGROUND:***

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***

**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 8.**

**DATE:** April 15, 2024

**DEPARTMENT:** Clerk/Treasurer

**PROVIDED BY:**

***SUBJECT:***

Discussion and Possible Action to Make Various Appointments to the City's Committees, Commissions and Boards  
[Mayor Bierce]

***BACKGROUND:***

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***



**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 9.**

**DATE:** April 15, 2024

**DEPARTMENT:** Clerk/Treasurer

**PROVIDED BY:**

***SUBJECT:***

Discussion and Possible Action Regarding the Accounts Payable Listing Dated April 15, 2025 [Tarczewski]

***BACKGROUND:***

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***

**ATTACHMENTS:**

Description

A/P 4.15.2024

04/12/2024 09:04 AM  
User: FIORENTINO  
DB: City Of Pewaukee

CHECK DISBURSEMENT REPORT FOR PEWAUKEE  
CHECK DATE FROM 03/30/2024 - 04/12/2024

Page 1/15

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
04/01/2024	100	1534 (E)	DIVERSIFIED BENEFIT SERVICES, INC.	FLEX SPEND	21590	00000	419.56
04/01/2024	100	1535 (E)	DELTA DENTAL	DENTAL CLEARING	21903	00000	1,388.00
04/05/2024	100	140584*#	A&M CLEANING SOLUTIONS	HIGHWAY - CONTRACTED JANITORIAL	52400	53100	1,473.32
04/05/2024	100	140585	AARONIN STEEL SALES, INC.	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	11.60
04/05/2024	100	140587	ADP SCREENING & SELECTION SERVICES	EMPLOYEE SERVICES - EMPLOYMENT EXAMS	52150	51430	173.54
04/05/2024	100	140588	AIRGAS USA	FIRE PROTECTIVE SERVICES - EMS	53450	52230	291.39
				FIRE PROTECTIVE SERVICES - EMS	53450	52230	205.18
				CHECK 100 140588 TOTAL FOR FUND 100:			496.57
04/05/2024	100	140590*#	ARAMARK	HIGHWAY - CONTRACTED JANITORIAL	52400	53100	27.74
				HIGHWAY - CONTRACTED JANITORIAL	52400	53100	39.78
				HIGHWAY - UNIFORMS	53410	53100	95.94
				HIGHWAY - UNIFORMS	53410	53100	95.94
				HIGHWAY - UNIFORMS	53410	53100	95.94
				CHECK 100 140590 TOTAL FOR FUND 100:			355.34
04/05/2024	100	140591*#	AT&T MOBILITY	ADMINISTRATOR - TELEPHONE & CELL	52260	51410	33.49
				CLERK/TREASURER - TELEPHONE & CELL	52260	51420	33.49
				EMPLOYEE SERVICES - PHONE & CELL	52260	51430	43.43
				IT - PHONE & CELL	52260	51450	81.96
				IT - NEW EQUIPMENT	53950	51450	33.49
				FIRE ADMINISTRATION - PHONE & CELL	52260	52210	811.40
				FIRE ADMINISTRATION - PHONE & CELL	52260	52210	133.96
				BUILDING SERVICES - PHONE & CELL	52260	52400	153.84
				HIGHWAY - PHONE & CELL	52260	53100	38.45
				HIGHWAY - NEW EQUIPMENT	53950	53100	134.64
				ENGINEERING - PHONE & CELL	52260	53110	62.68
				PARKS - TELEPHONE & INTERNET	52260	55200	86.86
				RECREATION PROGRAM - PHONE & CELL	52260	55300	92.50
				CHECK 100 140591 TOTAL FOR FUND 100:			1,740.19
04/05/2024	100	140592	BIG JIM'S SMALL ENG SERV	FIRE PROTECTIVE SERVICES - EQUIP REPAIR	52430	52230	592.62
04/05/2024	100	140594	BUMPER TO BUMPER	PARKS - VEHICLE REPAIR & MAINT	52440	55200	22.47
04/05/2024	100	140595	BURKE TRUCK & EQUIPMENT	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	697.11
04/05/2024	100	140597	CHARLIE DWYER	BUILDING SERVICES - MILEAGE & FUEL	53300	52400	192.96

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Fund: 100 GENERAL FUND							
04/05/2024	100	140599	COMEDY SPORTZ	RECREATION PROGRAM - FIELD TRIPS	53460	55300	800.00
04/05/2024	100	140600	CON-COR	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	59.67
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	68.15
				CHECK 100 140600 TOTAL FOR FUND 100:			127.82
04/05/2024	100	140601	ELEVITY GORDON FLESCH CO INC	IT - SOFTWARE MAINTENANCE & UPDATES	52480	51450	136.00
				IT - SOFTWARE MAINTENANCE & UPDATES	52480	51450	4,720.80
				IT - OPERATING SUPPLIES	53400	51450	316.60
				CHECK 100 140601 TOTAL FOR FUND 100:			5,173.40
04/05/2024	100	140602#	ELLIOTTS ACE HARDWARE	HIGHWAY - OPERATING SUPPLIES	53400	53100	85.53
				HIGHWAY - OPERATING SUPPLIES	53400	53100	8.97
				HIGHWAY - OPERATING SUPPLIES	53400	53100	21.99
				PARKS - BUILDING REPAIRS & MAINT	52410	55200	16.58
				PARKS - NEW EQUIPMENT	53950	55200	33.36
				CHECK 100 140602 TOTAL FOR FUND 100:			166.43
04/05/2024	100	140603	EMERGENCY LIGHTING & ELECTRONICS	FIRE PROTECTIVE SERVICES - EQUIP REPAIR	52430	52230	125.00
04/05/2024	100	140605	FIRE SERVICE INC	FIRE PROTECTIVE SERVICES - VEHICLE	52440	52230	553.00
				FIRE PROTECTIVE SERVICES - VEHICLE	52440	52230	560.96
				CHECK 100 140605 TOTAL FOR FUND 100:			1,113.96
04/05/2024	100	140606#	FORWARD TS	CLERK/TREASURER - EQUIP REPAIR & MAINT	52430	51420	274.48
				BUILDING SERVICES - OPERATING SUPPLIES	53400	52400	20.64
				RECREATION PROGRAM - OPERATING SUPPLIES	53400	55300	115.78
				CHECK 100 140606 TOTAL FOR FUND 100:			410.90
04/05/2024	100	140607	GALLS	FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	205.39
04/05/2024	100	140608	HARTLAND OVERHEAD DOOR	FIRE ADMINISTRATION - BUILDING REPAIRS	52410	52210	3,140.00
04/05/2024	100	140609	HEARTLAND BUSINESS SYSTEMS	IT - OTHER PROFESSIONAL SERVICES	52190	51450	23.00
04/05/2024	100	140610	HUMPHREY SERVICE PARTS, INC	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	68.81
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	18.94
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	243.61
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	111.47
				HIGHWAY - OPERATING SUPPLIES	53400	53100	228.73



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Fund: 100 GENERAL FUND				CHECK 100 140610 TOTAL FOR FUND 100:			671.56
04/05/2024	100	140611	JAMES IMAGING SYSTEMS	IT - OTHER PROFESSIONAL SERVICES	52190	51450	156.00
04/05/2024	100	140612	JULIE BLUNT	SALES TAX DUE STATE	24213	00000	1.09
				PARK RECREATION FIELD TRIPS	46722	00000	21.91
				CHECK 100 140612 TOTAL FOR FUND 100:			23.00
04/05/2024	100	140613	JX ENTERPRISES, INC.	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	6,044.46
04/05/2024	100	140614	KAESTNER AUTO ELECTRIC CO.	PARKS - VEHICLE REPAIR & MAINT	52440	55200	99.90
04/05/2024	100	140615	KELLY TARCZEWSKI	CLERK/TREASURER - OPERATING SUPPLIES	53400	51420	49.50
04/05/2024	100	140616	KETTLE MORaine HEATING & A/C	PARKS - BUILDING REPAIRS & MAINT	52410	55200	2,025.00
04/05/2024	100	140617	LAKELAND SUPPLY, INC.	PARKS - VANDALISM	57430	55200	94.20
04/05/2024	100	140618	LANGE ENTERPRISES, INC	BUILDING SERVICES - ADDRESS TILES	53430	52400	455.11
04/05/2024	100	140620	MATRIX TRUST COMPANY	DEFERRED COMPENSATION	21570	00000	50.00
04/05/2024	100	140621*#	MENARDS	FIRE ADMINISTRATION - OPERATING	53400	52210	127.80
				HIGHWAY - BLDG REPAIRS & MAINT	52410	53100	47.18
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	15.96
				HIGHWAY - OPERATING SUPPLIES	53400	53100	47.48
				HIGHWAY - OPERATING SUPPLIES	53400	53100	36.70
				HIGHWAY - OPERATING SUPPLIES	53400	53100	31.47
				HIGHWAY - OPERATING SUPPLIES	53400	53100	71.09
				HIGHWAY - OPERATING SUPPLIES	53400	53100	50.94
				HIGHWAY - OPERATING SUPPLIES	53400	53100	200.18
				HIGHWAY - SAFETY EQUIPMENT	53480	53100	34.99
				HIGHWAY - OTHER ROADWAY SUPPLIES	53790	53100	14.45
				PARKS - BUILDING REPAIRS & MAINT	52410	55200	53.92
				PARKS - BUILDING REPAIRS & MAINT	52410	55200	91.21
				CHECK 100 140621 TOTAL FOR FUND 100:			823.37
04/05/2024	100	140622	MILLER-BRADFORD & RISBERG, INC	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	130.15
04/05/2024	100	140623	MOTION & CONTROL ENTERPRISES LLC	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	55.34
04/05/2024	100	140624	MOTION CONNECTED	EMPLOYEE SERVICES - EMPLOYEE WELLNESS	52700	51430	405.00
				EMPLOYEE SERVICES - EMPLOYEE WELLNESS	52700	51430	405.00
				CHECK 100 140624 TOTAL FOR FUND 100:			810.00
04/05/2024	100	140625	NATIONWIDE RETIREMENT SOLUTIONS	DEFERRED COMPENSATION	21570	00000	2,369.00

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Fund: 100 GENERAL FUND							
04/05/2024	100	140627	PREMIUM WATERS, INC	PARKS - OPERATING SUPPLIES	53400	55200	52.24
04/05/2024	100	140629	QUALITY POWER SOLUTIONS	IT - OTHER PROFESSIONAL SERVICES	52190	51450	2,125.00
04/05/2024	100	140630	RANDY ROMENS	BUILDING SERVICES - MILEAGE & FUEL	53300	52400	144.72
				BUILDING SERVICES - PERSONAL PROTECTIVE	53480	52400	200.00
				CHECK 100 140630 TOTAL FOR FUND 100:			344.72
04/05/2024	100	140631#	REINDERS, INC.	HIGHWAY - OPERATING SUPPLIES	53400	53100	99.62
				PARKS - EQUIP REPAIR & MAINT	52430	55200	672.82
				PARKS - EQUIP REPAIR & MAINT	52430	55200	504.81
				CHECK 100 140631 TOTAL FOR FUND 100:			1,277.25
04/05/2024	100	140632	ROBERT KEWAN	IT - MILEAGE	53300	51450	110.55
04/05/2024	100	140633	RUNDLE-SPENCE	PARKS - BUILDING REPAIRS & MAINT	52410	55200	15.18
04/05/2024	100	140634	SITEONE LANDSCAPE SUPPLY LLC	HIGHWAY - OPERATING SUPPLIES	53400	53100	50.10
				HIGHWAY - OPERATING SUPPLIES	53400	53100	86.05
				CHECK 100 140634 TOTAL FOR FUND 100:			136.15
04/05/2024	100	140635	STRYKER SALES CORPORATION	FIRE PROTECTIVE SERVICES - EQUIP REPAIR	52430	52230	265.00
04/05/2024	100	140636	SWANK MOTION PICTURES	RECREATION PROGRAM - PROGRAM EXPENSES	53430	55300	1,475.00
04/05/2024	100	140637	TIA FIORENTINO	ELECTIONS - OPERATING SUPPLIES	53400	51440	40.42
04/05/2024	100	140638	TODD TENNYSON	HIGHWAY - SAFETY EQUIPMENT	53480	53100	200.00
04/05/2024	100	140639	ULINE	PARKS - NEW EQUIPMENT	53950	55200	57.00
04/05/2024	100	140640	USPS	RECREATION PROGRAM - POSTAGE	53110	55300	2,669.51
04/05/2024	100	140641	VILLAGE OF PEWAUKEE	LIBRARY - OPERATING SUPPLIES	53400	55110	74,722.99
				LIBRARY - OPERATING SUPPLIES	53400	55110	74,722.91
				CHECK 100 140641 TOTAL FOR FUND 100:			149,445.90
04/05/2024	100	140643	WILDLIFE MANAGEMENT SERVICES	SHARP SHOOTER DEER MANAGEMENT	52990	54155	15,050.00
04/05/2024	100	140644#	WISCONSIN LEGAL BLANK	CLERK/TREASURER - OPERATING SUPPLIES	53400	51420	684.58
				ELECTIONS - PRINTING	53120	51440	31.80
				CHECK 100 140644 TOTAL FOR FUND 100:			716.38
04/08/2024	100	140645	WESTRIDGE BUILDERS	DEVELOPER DEPOSITS	23170	00000	125,000.00

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Fund: 100 GENERAL FUND							
04/08/2024	100	1536 (E)	DELTA DENTAL	DENTAL CLEARING	21903	00000	1,589.47
04/08/2024	100	1537 (E)	DIVERSIFIED BENEFIT SERVICES, INC.	FLEX SPEND	21590	00000	455.48
04/12/2024	100	140646	BUELOW VETTER BUIKEMA OLSON &	EMPLOYEE SERVICES - ATTORNEY	52100	51430	102.00
04/12/2024	100	140651	DLT SOLUTIONS	IT - SOFTWARE MAINTENANCE & UPDATES	52480	51450	5,883.97
04/12/2024	100	140654	FEI BEHAVIORAL HEALTH	EMPLOYEE SERVICES - EAP EMPLOYEE ASSIST	51370	51430	590.85
04/12/2024	100	140655*#	FORWARD TS	COURT - OPERATING SUPPLIES	53400	51200	15.84
				POLICE - OPERATING SUPPLIES	53400	52100	15.83
				ENGINEERING - OPERATING SUPPLIES	53400	53110	68.28
				CHECK 100 140655 TOTAL FOR FUND 100:			99.95
04/12/2024	100	140658	Halen Homes LLC	BOB23-0022	23175	00000	500.00
04/12/2024	100	140659	Halen Homes LLC	BOB23-0023	23175	00000	500.00
04/12/2024	100	140660	Halen Homes LLC	BOB23-0024	23175	00000	500.00
04/12/2024	100	140661	Halen Homes LLC	BOB23-0025	23175	00000	500.00
04/12/2024	100	140664	IS OUTFITTERS	IT - OTHER PROFESSIONAL SERVICES	52190	51450	580.00
				IT - OTHER PROFESSIONAL SERVICES	52190	51450	440.00
				CHECK 100 140664 TOTAL FOR FUND 100:			1,020.00
04/12/2024	100	140666	JOHNS DISPOSAL SERVICE	RECYCLE - GARBAGE COLLECTION	52800	53620	69,706.80
04/12/2024	100	140667	KELLY TARCZEWSKI	ELECTIONS - OPERATING SUPPLIES	53400	51440	25.90
04/12/2024	100	140669*#	LITHO-CRAFT	ENGINEERING - OPERATING SUPPLIES	53400	53110	1,515.00
04/12/2024	100	140670*#	MASTERGRAPHICS	ENGINEERING - OPERATING SUPPLIES	53400	53110	87.88
04/12/2024	100	140674	PROHEALTH CARE MEDICAL GROUP	EMPLOYEE SERVICES - EMPLOYMENT EXAMS	52150	51430	110.00
				EMPLOYEE SERVICES - EMPLOYMENT EXAMS	52150	51430	220.00
				CHECK 100 140674 TOTAL FOR FUND 100:			330.00
04/12/2024	100	140675*#	QUADIENT FINANCE USA, INC	PREPAID EXPENSES	16200	00000	276.87
				CITY HALL - POSTAGE	53110	51600	764.19
				RECREATION PROGRAM - POSTAGE	53110	55300	2.80
				CHECK 100 140675 TOTAL FOR FUND 100:			1,043.86



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Fund: 100 GENERAL FUND							
04/12/2024	100	140676	QUADIENT LEASING USA, INC	CLERK/TREASURER - EQUIP REPAIR & MAINT	52430	51420	486.93
04/12/2024	100	140677	R&R INSURANCE SERVICES	WORKER'S COMPENSATION	55110	51930	19,292.00
				WORKER'S COMPENSATION	55110	51930	19,292.00
				CHECK 100 140677 TOTAL FOR FUND 100:			38,584.00
04/12/2024	100	140678*#	RUEKERT & MIELKE, INC.	ENGINEERING - OUTSIDE ENGINEERING	52190	53110	1,354.53
04/12/2024	100	140679#	SCHWAAB, INC	CLERK/TREASURER - OPERATING SUPPLIES	53400	51420	39.32
				ELECTIONS - OPERATING SUPPLIES	53400	51440	133.63
				CHECK 100 140679 TOTAL FOR FUND 100:			172.95
04/12/2024	100	140680	STATE OF WI COURT FINES & ASSMTS	COURT PENALTIES	45110	00000	7,533.69
04/12/2024	100	140682#	VILLAGE OF PEWAUKEE	BUILDING SERVICES DUE TO VILLAGE	24400	00000	4,898.13
				CONTRACTED BUILDING INSPECTION	47380	00000	(1,273.45)
				POLICE - CONTRACTED LAKE PATROL	52190	52100	6,381.25
				CHECK 100 140682 TOTAL FOR FUND 100:			10,005.93
04/12/2024	100	140684	WAUKESHA CO TREASURER	COURT PENALTIES	45110	00000	2,282.66
04/12/2024	100	140687	WI SUPREME COURT	COURT - MEETINGS & CONVENTIONS	53210	51200	800.00
04/12/2024	100	140688	WISCONSIN DEPARTMENT OF	EMPLOYEE SERVICES - EMPLOYMENT EXAMS	52150	51430	157.00
				Total for fund 100 GENERAL FUND			477,514.92

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Fund: 230 STORM WATER MANAGEMENT							
04/05/2024	100	140584*#	A&M CLEANING SOLUTIONS	CONTRACTED JANITORIAL	52400	53650	736.68
04/05/2024	100	140590*#	ARAMARK	CONTRACTED JANITORIAL	52400	53650	13.88
				CONTRACTED JANITORIAL	52400	53650	19.91
				CHECK 100 140590 TOTAL FOR FUND 230:			33.79
04/05/2024	100	140591*#	AT&T MOBILITY	TELEPHONE & CELL	52260	53650	144.61
				NEW EQUIPMENT	53950	53650	66.30
				CHECK 100 140591 TOTAL FOR FUND 230:			210.91
04/05/2024	100	140619	LINCOLN CONTRACTORS	OPERATING SUPPLIES	53400	53650	35.99
04/05/2024	100	140628	PROVEN POWER, INC.	EQUIPMENT REPAIR & MAINT	52430	53650	764.12
04/12/2024	100	140653*#	EWALD CHEVROLET BUICK	STORM WATER - CAPITAL	58100	53650	17,496.25
04/12/2024	100	140655*#	FORWARD TS	OPERATING SUPPLIES	53400	53650	68.28
04/12/2024	100	140669*#	LITHO-CRAFT	OPERATING SUPPLIES	53400	53650	1,515.00
04/12/2024	100	140670*#	MASTERGRAPHICS	OPERATING SUPPLIES	53400	53650	87.87
04/12/2024	100	140672*#	MSA PROFESSIONAL SERVICES INC	STORM WATER - CAPITAL	58100	53650	2,945.62
				STORM WATER - CAPITAL	58100	53650	175.00
				CHECK 100 140672 TOTAL FOR FUND 230:			3,120.62
04/12/2024	100	140678*#	RUEKERT & MIELKE, INC.	OUTSIDE ENGINEERING	52190	53650	128.55
				OUTSIDE ENGINEERING	52190	53650	128.55
				OUTSIDE ENGINEERING	52190	53650	128.55
				OUTSIDE ENGINEERING	52190	53650	159.80
				OUTSIDE ENGINEERING	52190	53650	562.50
				OUTSIDE ENGINEERING	52190	53650	128.55
				OUTSIDE ENGINEERING	52190	53650	513.99
				PROJECTS - HILL 'N DALE	58210	57301	513.99
				PROJECTS - VALLEY BROOK SUB. DITCH	58210	57354	47.25
				CHECK 100 140678 TOTAL FOR FUND 230:			2,311.73
04/12/2024	100	140686*#	WI DEPT TRANSPORTATION	PROJECTS - BUSSE RD BRIDGE CULVERT	58210	57348	1,006.42

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Fund: 230 STORM WATER MANAGEMENT							
Total for fund 230 STORM WATER MANAGEMENT							27,387.66



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Fund: 240 AMERICAN RESCUE PLAN							
04/12/2024	100	140650	CURRENT ELECTRIC	ARPA FUNDS SOLAR PANELS	57101	00000	697,000.00
Total for fund 240 AMERICAN RESCUE PLAN							697,000.00

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Fund: 420 CAPTIAL ROAD PROJECTS							
04/12/2024	100	140678*#	RUEKERT & MIELKE, INC.	SPICE CREEK/MEADOWBROOK FARMS #2	58210	57552	189.00
				JOSEPH ROAD	58210	57553	2,908.25
				APPLE TREE/PEAR TREE	58210	57561	513.99
				CHECK 100 140678 TOTAL FOR FUND 420:			3,611.24
04/12/2024	100	140686*#	WI DEPT TRANSPORTATION	BUSSE RD BRIDGE	58210	57419	1,006.42
				Total for fund 420 CAPTIAL ROAD PROJECTS			4,617.66

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Fund: 490 CAPTIAL EQUIPMENT							
04/12/2024	100	140653*#	EWALD CHEVROLET BUICK	ENGINEERING - CAPITAL EQUIPMENT	58100	57311	17,496.25
04/12/2024	100	140672*#	MSA PROFESSIONAL SERVICES INC	ENGINEERING - CAPITAL EQUIPMENT	58100	57311	2,945.63
				ENGINEERING - CAPITAL EQUIPMENT	58100	57311	175.00
				CHECK 100 140672 TOTAL FOR FUND 490:			3,120.63
				Total for fund 490 CAPTIAL EQUIPMENT			20,616.88



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Fund: 600 WATER UTILITY							
04/05/2024	100	140586*	AB DATA	BILLING	53300	00903	1,760.72
04/05/2024	100	140589*	ALL CITY COMMUNICATIONS INC.	ADMIN & GEN OPS-ANSWERING SERVICE	52331	10921	41.58
04/05/2024	100	140596	CGC, INC. CONSULTING ENGINEERS	LINDSAY WATER - PARK TO SWAN	12814	00107	1,222.00
04/05/2024	100	140598	CHICAGO TITLE COMPANY	BLUMD WATER MAIN-BUSSE TO FOSTER	12810	00107	980.00
04/05/2024	100	140604	FERGUSON WATERWORKS #1476	TRANS & DIST MAINT-MAINT OF HYDRANTS	52400	10677	280.07
				TRANS & DIST MAINT-MAINT OF HYDRANTS	52400	10677	252.00
				TRANS & DIST MAINT-MAINT OF HYDRANTS	52400	10677	436.46
				CHECK 100 140604 TOTAL FOR FUND 600:			968.53
04/05/2024	100	140621*#	MENARDS	SOURCE OPS- SUPPLIES AND EXPENSES	53400	10603	1.99
04/05/2024	100	140642	WATER REMEDIATION TECHNOLOGY	TREATMENT MAINT-WRT RADIUM TREATMENT	52900	10652	4,230.35
04/12/2024	100	140647	CHICAGO TITLE COMPANY	BLUMD WATER MAIN-BUSSE TO FOSTER	12810	00107	980.00
04/12/2024	100	140648	CHICAGO TITLE COMPANY	BLUMD WATER MAIN-BUSSE TO FOSTER	12810	00107	980.00
04/12/2024	100	140649*#	CINTAS CORP	TRANS & DIST OPS-UNIFORMS	53410	10665	52.91
				TRANS & DIST OPS-UNIFORMS	53410	10665	52.91
				CHECK 100 140649 TOTAL FOR FUND 600:			105.82
04/12/2024	100	140652	ELLIOTTS ACE HARDWARE	SOURCE OPS- SUPPLIES AND EXPENSES	53400	10603	15.99
04/12/2024	100	140656#	GRAINGER	SOURCE MAINT-BUILDINGS AND GROUNDS	52310	10611	428.48
				SOURCE MAINT-MISC WATER SOURCE PLANT	52400	10617	129.42
				CHECK 100 140656 TOTAL FOR FUND 600:			557.90
04/12/2024	100	140657	GRINDELAND & ASSOC LLC	ADMIN & GEN OPS-OUTSIDE ENGINEERING	52170	10923	1,116.00
04/12/2024	100	140662	HAWKINS, INC.	TREATMENT OPS-CHEMICALS	53410	10641	4,416.06
04/12/2024	100	140663	HYDROCORP	TRANS & DIST OPS-CROSS CONNECTION	52900	10664	1,288.00
04/12/2024	100	140665*	JANE MUELLER	ADMIN & GEN OPS-MEALS & INCIDENTALS	53210	10921	12.66
				ADMIN & GEN OPS-MILEAGE	53300	10921	130.65
				CHECK 100 140665 TOTAL FOR FUND 600:			143.31
04/12/2024	100	140669*#	LITHO-CRAFT	OFFICE SUPPLIES & EXPENSES	53100	00921	27.00

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Fund: 600 WATER UTILITY							
04/12/2024	100	140671*#	MENARDS	SOURCE MAINT-MISC WATER SOURCE PLANT	52400	10617	3.60
				SOURCE MAINT-MISC WATER SOURCE PLANT	52400	10617	30.72
				ADMIN & GEN OPS-TRANSP EXPS REPAIRS	52400	10921	20.12
				CHECK 100 140671 TOTAL FOR FUND 600:			54.44
04/12/2024	100	140672*#	MSA PROFESSIONAL SERVICES INC	COMPUTER HARDWARE SOFTWARE	18587	00391	2,945.63
				COMPUTER HARDWARE SOFTWARE	18587	00391	175.00
				CHECK 100 140672 TOTAL FOR FUND 600:			3,120.63
04/12/2024	100	140673	NORTHERN LAKE SERVICE, INC	TREATMENT OPS-WATER TESTING & LAB EXPS	52310	10642	5,854.42
04/12/2024	100	140675*#	QUADIENT FINANCE USA, INC	ADMIN & GEN OPS-POSTAGE	53306	10921	27.18
04/12/2024	100	140678*#	RUEKERT & MIELKE, INC.	BLUMD WATER MAIN-BUSSE TO FOSTER	12810	00107	13,715.21
04/12/2024	100	140683	WAUKESHA CO DEPT OF PUBLIC WORKS	LINDSAY WATER - PARK TO SWAN	12814	00107	170.00
04/12/2024	100	140689*	XEROX CORPORATION	OFFICE SUPPLIES & EXPENSES	53100	00921	145.27
				Total for fund 600 WATER UTILITY			41,922.40

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 650 SEWER UTILITY							
04/05/2024	100	13(S)	FERGUSON WATERWORKS #1476	MAINTENANCE OF COLLECTION SYSTEM	52400	01831	720.06
				MAINTENANCE OF COLLECTION SYSTEM	52400	01831	(720.06)
				CHECK 100 13(S) TOTAL FOR FUND 650:			0.00
04/05/2024	100	140586*	AB DATA	BILLING	53300	00903	1,760.72
04/05/2024	100	140589*	ALL CITY COMMUNICATIONS INC.	ADMIN & GEN OPS-ANSWERING SERVICE	52331	10921	41.57
04/05/2024	100	140593	BROOKFIELD, TOWN OF	SEWER SERVICE CHARGE SANITARY DISTIRCT	52343	01827	1,651.68
04/05/2024	100	140626	NEENAH FOUNDRY COMPANY	MAINTENANCE OF COLLECTION SYSTEM	52400	01831	664.00
04/12/2024	100	140649*#	CINTAS CORP	Uniforms & Protective Equipment	53410	01827	52.91
				Uniforms & Protective Equipment	53410	01827	52.91
				CHECK 100 140649 TOTAL FOR FUND 650:			105.82
04/12/2024	100	140665*	JANE MUELLER	ADMIN & GEN OPS-MEALS & INCIDENTALS	53210	10921	12.65
				ADMIN & GEN OPS-MILEAGE	53300	10921	130.65
				CHECK 100 140665 TOTAL FOR FUND 650:			143.30
04/12/2024	100	140668	LAKE PEWAUKEE SANITARY DISTRICT	SEWER SERVICE CHARGE - LAKE PEWAUKEE	52341	01827	159,825.00
04/12/2024	100	140669*#	LITHO-CRAFT	OFFICE SUPPLIES & EXPENSES	53100	00921	27.00
04/12/2024	100	140671*#	MENARDS	ADMIN & GEN OPS-TRANSP EXPS & REPAIRS	52400	10921	20.12
04/12/2024	100	140672*#	MSA PROFESSIONAL SERVICES INC	COMPUTER HARDWARE/SOFTWARE	18587	01372	2,945.62
				COMPUTER HARDWARE/SOFTWARE	18587	01372	175.00
				CHECK 100 140672 TOTAL FOR FUND 650:			3,120.62
04/12/2024	100	140678*#	RUEKERT & MIELKE, INC.	BLUEMOND SOURTH OF HARKEN #2	12899	00107	2,268.50
04/12/2024	100	140681	USA BLUEBOOK	MAINTENANCE OF COLLECTION SYSTEM	52400	01831	362.89
04/12/2024	100	140685	WAUKESHA WATER UTILITY	SEWER SERVICE CHARGE - WCC	52344	01827	31,001.32
04/12/2024	100	140689*	XEROX CORPORATION	OFFICE SUPPLIES & EXPENSES	53100	00921	145.26
				Total for fund 650 SEWER UTILITY			201,137.80
			TOTAL - ALL FUNDS				1,470,197.32



Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
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'\*'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE FUND  
'#'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE DEPARTMENT

**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM 10.**

**DATE:** April 15, 2024

**DEPARTMENT:** Clerk/Treasurer

**PROVIDED BY:**

***SUBJECT:***

Swear In Elected Officials (Attorney Riffle)

9.1 Phil Vetterkind - Alderman District #1

9.2 Spencer Tabbert - Alderman District #2

9.3 Jerry Wamser - Alderman District #3

***BACKGROUND:***

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***

**CITY OF PEWAUKEE  
COMMON COUNCIL AGENDA ITEM •**

**DATE:** April 15, 2024

**DEPARTMENT:** Clerk/Treasurer

**PROVIDED BY:**

***SUBJECT:***

§19.85(1)(e): Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session specifically related to the Joint Library Contract with the Village of Pewaukee.

***BACKGROUND:***

***FINANCIAL IMPACT:***

***RECOMMENDED MOTION:***