

VILLAGE OF MCFARLAND **Sustainability & Natural Resources** *NOTICE OF PUBLIC MEETING*
Committee

Monday, March 13, 2023

6:00 PM

McFarland Municipal Center
Community Room

AGENDA

You are invited to this meeting through a Zoom webinar. The public may attend in-person or remotely through the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/85120458074>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 851 2045 8074

Press *9 to raise/lower hand. Press *6 to mute/unmute.

1. CALL TO ORDER, ROLL CALL.

2. PUBLIC APPEARANCES.

- a. This is an opportunity for members of the public to address the Sustainability and Natural Resources Committee for items that are not on the agenda. Please remember this is a hybrid meeting conducted in person and through the Zoom online meeting platform. Meeting attendees wishing to address the Committee about items not on the agenda may do so at this time. Zoom attendees should type their name and address in the Question and Answer feature within the Zoom online meeting platform at this time. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. When you are called upon to speak, state your name, address, and provide your comments to the Committee for their consideration. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to sustainability@mcfarland.wi.us to be included as part of the meeting.

Members of the public may also speak during their selected agenda item as they designate on the public comment form or in the Question and Answer feature on Zoom.

3. APPROVAL OF MINUTES.

- a. Motion to approve the amended minutes of the January 9, 2023 Sustainability & Natural Resources Committee meeting.
- b. Motion to approve the minutes of the February 13, 2023 Sustainability & Natural Resources Committee meeting.

4. BUSINESS.

- a. Discussion and action to make a recommendation to the Village Board regarding the award of contract for the 2023 McDaniel Park beach improvements project.
- b. Discussion regarding the upcoming Arbor Day event

5. SCHEDULE NEXT MEETING DATE.

a. Wednesday, April 19, 2023 at 6:00 p.m.

6. ADJOURNMENT.

Any person who has a qualifying disability as defined by the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format should contact the McFarland Municipal Center at (608)838-3153, 5915 Milwaukee Street, McFarland, Wisconsin, or village.clerk@mcfarland.wi.us by 2:00 p.m. at least 5 business days prior to the meeting so that any necessary arrangements can be made to accommodate each request. If the meeting or request is less than 5 business days from the meeting, requests for accommodations may still be made and reasonable efforts will be made to accommodate each request.

Minutes
Sustainability & Natural Resources
Committee Meeting
January 9, 2023

Members Present: Ed Wreh, Kitty Brussock, Angela Freedman (6:00PM, present at start of meeting but not recognized during roll call), Bruce Fischer, Judy Taber, Darrel Waldera, David Wilson, Carolyn Clow (ex officio)

Staff Present: Sayer Larson, Kong Thao, Phil McDade, Lee Igl, Andrew Bremer

1. CALL TO ORDER

Wreh called the meeting to order at 6:00 PM.

2. PUBLIC APPEARANCES.

Bruce Fischer, 5209 Falling Leaves Lane, took a moment to speak during this time. Fischer provided a statement in opposition to the removal of co-chairman Mike Flaherty.

3. APPROVAL OF MINUTES.

- a. Wreh motioned to approve the minutes of the November 14, 2022, Sustainability & Natural Resource Committee meeting. Seconded by Taber. Motion carried 7-0.

4. BUSINESS.

- a. Discussion and action to make a recommendation to the Village Board regarding the Lewis Park lake access plan

Larson introduced Lee Igl, the Village's new Public Works Director. Previously, Igl was the Streets and Utility Superintendent for the Village. Larson provided summary on the agenda item and reviewed the key improvements related to project. Larson summarized improvements proposed in Options 1 & 2, location, storage options, recommended options, and improvements to accessibility of the proposed project. The Committee discussion included boat storage options, trail improvements, cost differences between Options 1 & 2.

Wreh motioned to recommend approval to the Village Board of the Lewis Park lake access plan as presented by Parkitecture. Seconded by Wilson. Discussion included affirmation of the proposed project by several committee members, the expected timeline, and additional questions on operational costs. Motion carries 7-0.

- b. Discussion regarding the joint Village of McFarland and McFarland School District Community Hosted Solar Program for parcel 154/0710-354-8341-1, near 3451 Siggelkow Road.

Bremer provided an update on the agenda item, summarizing what renewable energy certificates (RECs) are and how the process will be to handle these in the future associated with this project. Bremer confirmed the Village closed on the property on January 6, 2023, and included a timeline of what to expect in the coming months with Committee recommendations. Comments and discussion by the committee included rate changes and offset energy needs. No action was taken on this item.

- c. Discussion and possible action on recommendation to the Village Board regarding submittal of two OEI Energy Innovation Grant Program Applications for a joint comprehensive energy plan with McFarland School District and Battery Storage Systems to be located at the Public Safety Center, 6001 Broadhead St, McFarland, WI.

Thao provided summary on the agenda item and including details for each application's amount requested, the purpose of the grants, and the impact of those grants if provided. Thao covered the resiliency on the potential of the battery storage systems. Bremer provided additional comments on the financial summary for both grant applications and their impact on project development. Discussion by the committee included the technology surrounding battery use, battery life, and battery replacement. Clow commented on the design and battery ready approach to the public safety center.

Wreh motioned to recommend approval to the Village Board regarding submittal of two OEI Energy Innovation Grant Program Applications for a joint comprehensive energy plan with McFarland School District and Battery Storage Systems to be located at the Public Safety Center, 6001 Broadhead St, McFarland, WI. Seconded by Fischer. Additional discussion from the committee affirmed the planning of the Public Safety Center and energy demand. Motion carries 7-0.

5. SCHEDULE NEXT MEETING DATE.

- a. Monday, February 13, 2023, at 6:00 PM

6. ADJOURNMENT.

Fischer motioned to adjourn; Seconded by Wreh. Motion carried unanimously. Meeting adjourned at 6:40 PM.

Sustainability & Natural Resources Committee Minutes

Monday, February 13, 2023 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Trustee Wreh called the regular meeting of the Sustainability & Natural Resources Committee to order at 6:04 PM in the Community Room of the Municipal Center. This meeting was also held via Zoom webinar.

Members present: Edward Wreh, Darrel Waldera, Kitty Brussock (6:20 p.m.), Bruce Fischer, Judy Taber (6:07 p.m.), Carolyn Clow

Members not present: David Wilson, Angela Freedman

Staff Present: Kong Thao, associate planner; Sayer Larson, parks superintendent; Lee Igl, public works director (via Zoom); Phil McDade, public works department staff.

2. PUBLIC APPEARANCES.

There were no public appearances.

- a. This is an opportunity for members of the public to address the Sustainability and Natural Resources Committee for items that are not on the agenda. Please remember this is a hybrid meeting conducted in person and through the Zoom online meeting platform. Meeting attendees wishing to address the Committee about items not on the agenda may do so at this time. Zoom attendees should type their name and address in the Question and Answer feature within the Zoom online meeting platform at this time. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. When you are called upon to speak, state your name, address, and provide your comments to the Committee for their consideration. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to sustainability@mcfarland.wi.us to be included as part of the meeting.

Members of the public may also speak during their selected agenda item as they designate on the public comment form or in the Question and Answer feature on Zoom.

3. APPROVAL OF MINUTES.

- a. Motion to approve the minutes of the January 9, 2023 Sustainability & Natural Resources meeting.

Wreh motioned to amend the draft minutes of the January 9, 2023 meeting of the Sustainability & Natural Resources Committee by deleting the last sentence of the Public Appearances section of the minutes. Motion approved 5-0.

4. BUSINESS.

- a. Presentation by Chris James of Dane County Parks Division regarding Babcock Park improvements.

Chris James of the Dane County Parks Division presented information on plans by the county to upgrade sections of Babcock Park, including additional accessible fishing piers in areas located on land on the south end of the park recently purchased by the

county. Plans call for improvements to begin in about a year.

- b. Discussion and action to make a recommendation to the Village Board regarding design approval for McDaniel Park site improvements and authorize the project for bid.

Wreh motioned, Fischer seconded to make a recommendation to the Village Board regarding design approval for McDaniel Park site improvements and authorize the project for bid. The project is a joint effort between Dane County and the village to create a permanent beach and swimmable area in Lake Waubesa at McDaniel Park. Motion passed 6-0.

- c. Discussion and possible action to recommend to the Village Board adoption of Ordinance 2023-02, an ordinance amending Sec. 20-25 regulations concerning noxious weeds and lawn height to allow participation in No Mow May activities.

Clow motioned, Wreh seconded, to recommend to the Village Board to the adoption of Ordinance 2302-02, amending Sec. 20-25 regulations concerning noxious weeds for the purpose of no-mow May activities, with the change in the language of the proposed ordinance from "Parks Superintendent" to "Public Works Director or designee," and to recommend to the Village Board a resolution to recommend no-mow May activities. Motion carried 6-0.

- d. Presentation and discussion regarding the draft management plan for conservancy areas within the park system prepared by RES Great Lakes, LLC.

Parks Superintendent Larson and Matt Parsons of RES Great Lakes consultants discussed with the committee a draft management plan for the village's conservancy areas. Clow asked Larson about drafting a 10-year management and budget plan for conservancy management in the village. Larson said village staff and its conservancy consultants would also be hosting two public information meetings with neighboring residents of the conservancies in March.

5. SCHEDULE NEXT MEETING DATE.

- a. Tuesday, February 28, 2023 at 5:30 p.m. Joint Meeting with Committee of the Whole
- b. Monday, March 13, 2023 at 6:00 p.m. Regular scheduled meeting

6. ADJOURNMENT.

Fischer motioned, Wreh seconded, to adjourn the meeting. Resolution passed by acclimation. Meeting adjourned at 7:54 p.m.

**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, March 13, 2023

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Matt Schuenke, Village Administrator, Sayer Larson, Parks Superintendent

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding the award of contract for the 2023 McDaniel Park beach improvements project.

PREVIOUS ACTION:

The former Parks, Recreation, and Natural Resources Committee reviewed a presentation on this project at its meeting on February 24, 2022.

[Please click on this link to review the packet materials from that meeting.](#)

[Please click on this link to watch the presentation from that meeting.](#)

The Parks & Recreation committee recommended approval to the Village Board for the McDaniel Park site improvements at their October 4, 2022 meeting.

The Sustainability & Natural Resources committee recommended approval to the Village Board for the McDaniel Park site improvements at their October 10, 2022 meeting.

The Village Board recommended approval for the McDaniel Park site improvements at their October 25, 2022 meeting.

The Parks & Recreation committee recommended approval to the Village Board regarding Town and Country's proposal for design and bidding services for McDaniel Park site improvements at their November 1, 2022 meeting.

The Sustainability and Natural Resources Committee recommended approval to the Village Board regarding this proposal at their meeting on November 14, 2022.

The Village Board recommended approval at their meeting on November 22, 2022.

The Parks & Recreation committee recommended approval to the Village Board regarding the Town and Country's design as presented and authorized the project for bid at their February 7, 2023 meeting.

The Sustainability and Natural Resources Committee recommended approval to the Village Board regarding the Town and Country's design as presented and authorized the project for bid at their February 13, 2023 meeting.

The Village Board recommended approval at their meeting on February 14, 2023.

ISSUE SUMMARY:

The Parks & Recreation Committee, Sustainability & Natural Resources Committee and the



Village Board recently approved the design for McDaniel Park site improvements and authorized the project for bid. The bid opening occurred on March 9, 2023.

The 2023-2027 Capital Improvement Plan included funds to improve the beach at McDaniel Park in 2023. These funds are included within the 2023 budget. The project is in partnership with Dane County. The goal of the project is to be operational on or around June 1, 2023.

Responsibilities for the project are generally laid out as follows:

Dane County

- Permitting - 3-6 month process, targeting a January application.
- Pump/Filer - They will design and build the pump/filter mechanicals to be used to screen the water within the barrier.
- Barrier - Dane County will purchase and set in the first year, the booms with a curtain that acts as a shield within the water to keep debris and other harmful things out of the swimming area. Future years we will need to contract with them for the annual placement and removal of the barrier.
- Agreement - We will need to establish an agreement on operation of the filter/pump and maintenance of the swimming area including the beach. There are responsibilities like daily maintenance of the beach, mechanicals, and other elements to keep the swimming area usable. The County will provide funds and support for these elements, but we have to agree to the operational commitments to make sure the improvement can be accessed by the public. The operational component and its costs would be new responsibilities that have to be factored into our consideration.

Village

- Structure - The filter/pump has to go inside of a structure. The Engineer is reviewing a prefabricated model for installation. We will also need to create an area for discharge from the structure that carries the water back to the lake.
- Underground Piping - We would need to install pipes that connect the lake to the filter pump to bring water in for screening, and then pipes that bring the clean water back to the lake.
- Beach Improvement - There will be general excavation requirements associated with all of this work including the replacement of the gravel material used on the beach in favor of sand.
- Agreement - We will need to consider the agreement with Dane County for the project. All of the above responsibilities are capital expenditures that are one time actions. There are operational components and the costs for which will be recurring year to year that have to be factored in to our review of the project.

FINANCIAL/BUDGET IMPACT:

Revenues - The following revenues have been allocated to fund the project by fund:



\$250,000 Total Project Revenue

This represents the Village's share in the project which some elements will be provided directly or in kind through Dane County. The Village's funds will be through the annual borrowing.

Expenses - Included within your packet is the bid tab for the project and the following cost breakdown is updated based on the low bid submitted:

\$154,896	Base Bid
\$ 25,000	Engineering
\$ 20,000	Contingency
\$ 104	Rounding
\$200,000	Total Project Expense

Project costs demonstrate a surplus against revenues allocated for the project. The base bid includes an allowance for the pre-fabricated concrete shelter which will be delivered and set on site. The contractor will be responsible for all other elements but for what Dane County will be providing.

Due to the surplus, the anticipated borrowing for 2023 will be lowered by \$50,000 to align with the project's expected cost.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommended Action:

Motion, second to recommend to the Village Board the award contract to R & T Voegeli Excavating, LLC of Monroe for an amount of \$154,896 for the 2023 McDaniel Park beach improvements project including base bid with additional expenses for engineering and contingency for a total project cost in an amount of \$200,000.

ATTACHMENTS:

1. Recommendation Ltr- on ltrhead
2. MC 204 CURRENT SET

March 9, 2023

Village of McFarland
5915 Milwaukee Street, P.O. Box 110
McFarland, WI 53558

Attention: Mr. Matthew Schuenke, Administrator

Subject: Analysis of Bids and Recommendation for Award of Contracts; 2023 McDaniel
Park Beach Improvements; Village of McFarland

Bid Deadline: March 9, 2023 at 10:00 a.m. local time

To Whom it May Concern:

The purpose of this letter is to analyze the bids received for the 2023 McDaniel Park Beach Improvements project and to recommend award of a contract. This project involves installation of a new prefabricated utility building, utility piping, electrical service, and removal and replacement of an existing beach surface at McDaniel Park Beach. The project will be part of an effort to create a filtered beach swimming area.

The pre-bid estimate for the base bid was \$145,200. Seven general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Four contractors submitted bids.

A summary of the bids is as follows:

Contractor	Base Bid
R & T Voegeli Excavating, LLC	\$154,896.00
Greener Valley Landscaping	\$171,860.00
Speedway Sand & Gravel Inc.	\$241,275.54
Drax, Inc.	\$274,300.00

All of the bids were properly submitted.

The low bidder is R & T Voegeli Excavating, LLC of Monroe, Wisconsin, an experienced contractor that completed a stormwater improvements project for the Village in 2022. The bid prices are within the expected estimate and budget range. We recommend that R & T Voegeli Excavating, LLC be awarded a contract for the base bid for a total of \$154,896.00.

This will be a unit price contract. That is, the contractor will be paid for the work actually performed on the basis on the unit prices bid. This means that the final line item costs could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Respectfully,

TOWN & COUNTRY ENGINEERING, INC.

Tim Stieve, P.E., ENV-SP
Stormwater Lead

TS:sai

J:\JOB#S\McFarland\MC-204-M9 2023 McDaniel Park Beach Improvements\Bidding\Recommendation Ltr.docx

BID TABULATION

Project: 2023 McDaniel Park Beach Improvements; Village of McFarland
 Engineer's Project Number: MC 204 Bid Deadline: March 9, 2023 at 10:00 a.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID QUANT.	UNITS	R & T Voegeli Excavating, LLC UNIT PRICE	AMOUNT	Greener Valley Landscaping UNIT PRICE	AMOUNT	Speedway Sand & Gravel Inc. UNIT PRICE	AMOUNT	Drax, Inc. UNIT PRICE	AMOUNT
BASE BID											
1.	2" PVC SCH 40 Piping	360	lin. ft.	\$ 18.95	\$ 6,822.00	\$ 38.00	\$ 13,680.00	\$ 75.90	\$ 27,324.00	\$ 40.00	\$ 14,400.00
2.	Prefabricated Utility Building	0	lump sum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.	Frost Wall Footing	48	lin. ft.	\$ 228.00	\$ 10,944.00	L.S. 15,000	\$ 15,000.00	\$ 290.73	\$ 13,955.04	\$ 800.00	\$ 38,400.00
4.	Excavation/Fill to Plan Subgrade	1	lump sum	\$ 18,200.00	\$ 18,200.00	\$ 17,000.00	\$ 17,000.00	\$ 79,720.00	\$ 79,720.00	\$ 15,000.00	\$ 15,000.00
5.	5" Thick Concrete Sidewalk	60	sq. ft.	\$ 18.00	\$ 1,080.00	\$ 48.00	\$ 2,880.00	\$ 31.00	\$ 1,860.00	\$ 25.00	\$ 1,500.00
6.	Beach Sand	900	tons	\$ 19.75	\$ 17,775.00	\$ 30.00	\$ 27,000.00	\$ 30.10	\$ 27,090.00	\$ 100.00	\$ 90,000.00
7.	Excavation of Large Rock Below Water Line	1	lump sum	\$ 13,500.00	\$ 13,500.00	\$ 12,800.00	\$ 12,800.00	\$ 14,589.00	\$ 14,589.00	\$ 25,000.00	\$ 25,000.00
8.	Bioretention Area	150	sq. ft.	\$ 34.50	\$ 5,175.00	\$ 50.00	\$ 7,500.00	\$ 32.97	\$ 4,945.50	\$ 100.00	\$ 15,000.00
9.	Site Restoration	1	lump sum	\$ 17,150.00	\$ 17,150.00	\$ 5,000.00	\$ 5,000.00	\$ 5,542.00	\$ 5,542.00	\$ 4,000.00	\$ 4,000.00
10.	Erosion Control	1	lump sum	\$ 1,450.00	\$ 1,450.00	\$ 3,000.00	\$ 3,000.00	\$ 8,000.00	\$ 8,000.00	\$ 2,000.00	\$ 2,000.00
11.	Prefabricated Utility Building Coordination and Installation	1	lump sum	\$ 7,800.00	\$ 7,800.00	\$ 13,000.00	\$ 13,000.00	\$ 3,250.00	\$ 3,250.00	\$ 14,000.00	\$ 14,000.00
11.	Electrical Allowance	1	lump sum	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
12.	Utility Building Allowance	1	lump sum	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
	BASE BID TOTAL				\$ 154,896.00		\$ 171,860.00		\$ 241,275.54		\$ 274,300.00

2023 MCDANIEL PARK IMPROVEMENTS

Village of McFarland, Wisconsin

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
1	EROSION CONTROL PLAN AND GENERAL NOTES
2	EROSION CONTROL – STANDARD CONSTRUCTION DETAILS
3	MCDANIEL PARK IMPROVEMENTS – PLAN VIEW
4	GENERAL CONSTRUCTION DETAILS



NO SCALE



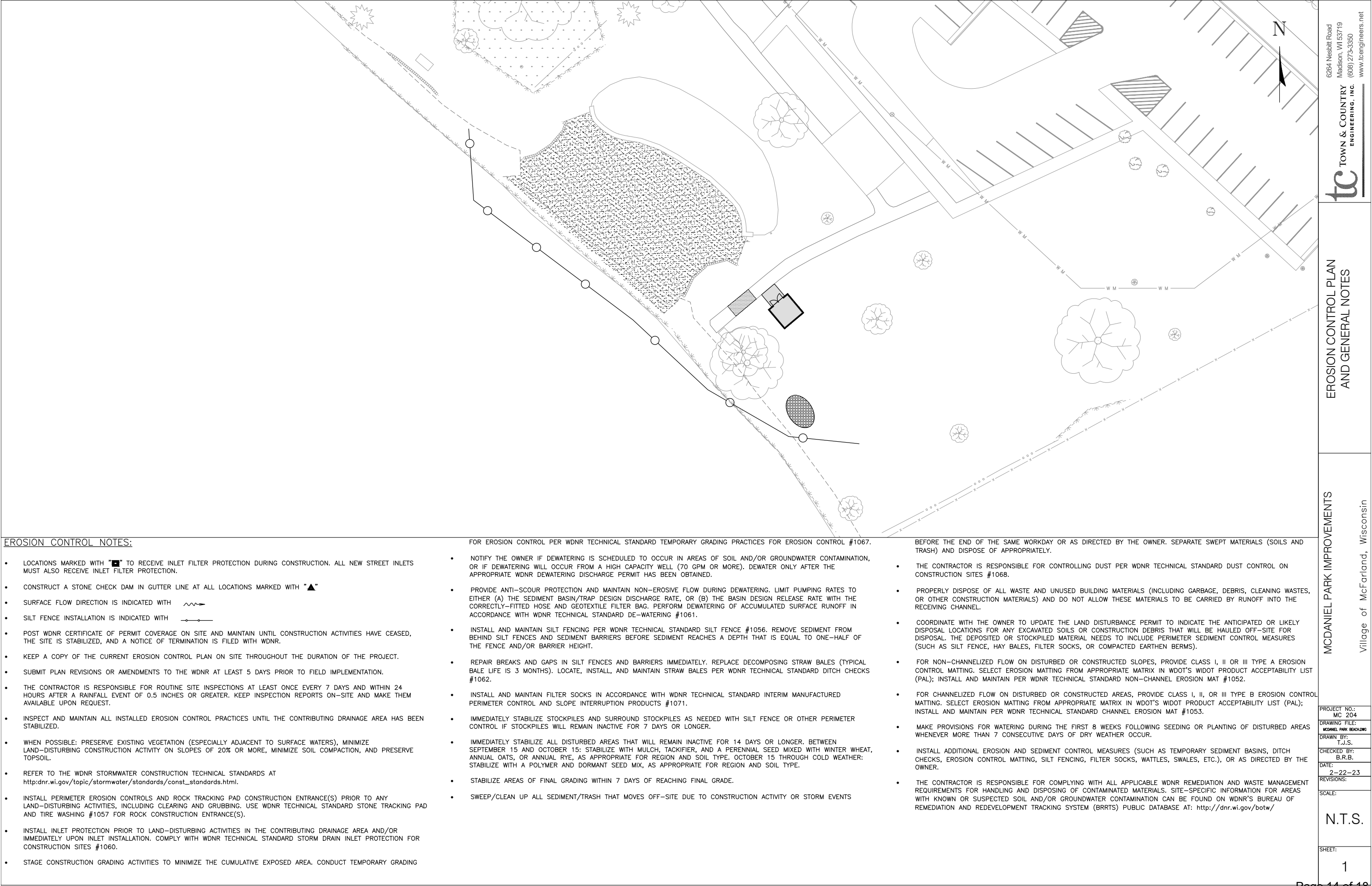
LEGEND

UNDERGROUND TELE.	— . . — UT — . . — UT — . . — UT —
UNDERGROUND CATV.	————— UCATV —————
UNDERGROUND ELEC.	— UE — UE — UE — UE — UE — UE —
OVERHEAD	— OH — OH — OH —
EXISTING GAS	— G — G — G — G — G —
PROPERTY LINE	— — — — —
EXISTING WATER MAIN	— W M — W M — W M —
EXISTING SANITARY SEWER	— SAN — SAN — SAN —
EXISTING STORM SEWER	— STM — STM — STM — STM —
EXISTING FENCE LINE	— x — x — x — x — x — x — x —
SAWCUT	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
NEW STORM SEWER	—————
NEW WATER MAIN	—————
NEW SANITARY SEWER	—————

NEW ITEMS:							
WATER VALVE	CURB STOP	HYDRANT	MANHOLE	CURB INLET	ENDWALL	GAS WARNING	

EXISTING ITEMS:							
FLAG POLE	MAILBOX	POWER POLE	LIGHT POLE	LAMP POST	PULL BOX		
WATER VALVE	CURB STOP	HYDRANT	WELL	MONITORING WELL	TRACER WIRE		
SANITARY MANHOLE	SANITARY VALVE	CLEANOUT	STORM MANHOLE	CURB INLET	CIRCULAR INLET		
SQUARE INLET	ENDWALL	STUMP	DECID. TREE (RELATIVE SIZE SHOWN)	EVERGREEN	SHRUB OR HEDGE	SIGN	
CATV. PED.	TELE. PED.	ELEC. PED.	GAS VALVE	STREET SIGN	IRON PIPE	IRON ROD	

NOTES: 1.) EXISTING FEATURES AND LABELS ARE SHOWN WITH SCREENED, LIGHTER LINES.
 2.) NEW CONCRETE IS SHOWN SHADED IN PLAN VIEWS
 3.) CONCRETE REMOVALS ARE SHOWN BY CROSS-HATCHING



EROSION CONTROL NOTES:

- LOCATIONS MARKED WITH "■" TO RECEIVE INLET FILTER PROTECTION DURING CONSTRUCTION. ALL NEW STREET INLETS MUST ALSO RECEIVE INLET FILTER PROTECTION.
- CONSTRUCT A STONE CHECK DAM IN GUTTER LINE AT ALL LOCATIONS MARKED WITH "▲"
- SURFACE FLOW DIRECTION IS INDICATED WITH
- SILT FENCE INSTALLATION IS INDICATED WITH
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
- INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
- INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.
- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING

FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.

- NOTIFY THE OWNER 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 OBTAINED.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. LIMIT PUMPING RATES TO EITHER (A) THE SEDIMENT BASIN/TRAP DESIGN DISCHARGE RATE, OR (B) THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY-FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS

BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE OWNER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.

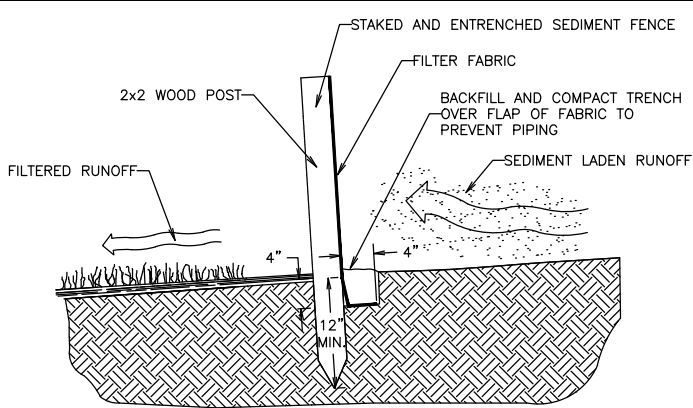
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.
- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- COORDINATE WITH THE OWNER TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
- FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I, II OR III TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
- FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I, II, OR III TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: <http://dnr.wi.gov/botw/>

**EROSION CONTROL PLAN
AND GENERAL NOTES**

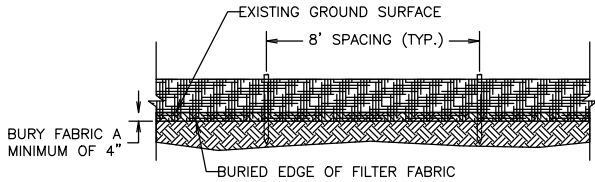
MCDANIEL PARK IMPROVEMENTS
Village of McFarland, Wisconsin

PROJECT NO.: MC 204
DRAWING FILE: MCDANIEL PARK BEACHING
DRAWN BY: T.J.S.
CHECKED BY: B.R.B.
DATE: 2-22-23
REVISIONS:
SCALE:
SHEET: 1

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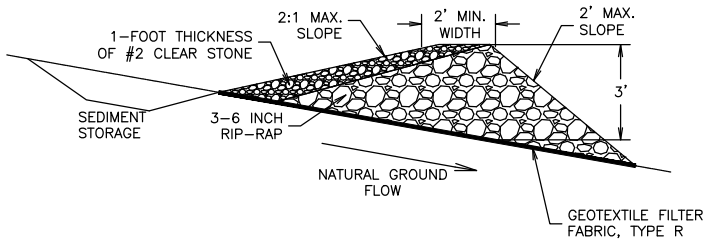


CROSS-SECTION OF A PROPERLY INSTALLED SEDIMENT FENCE

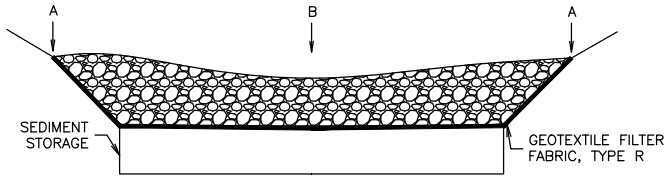


SEDIMENT FENCE DETAIL

DETAIL
SEDIMENT FENCE

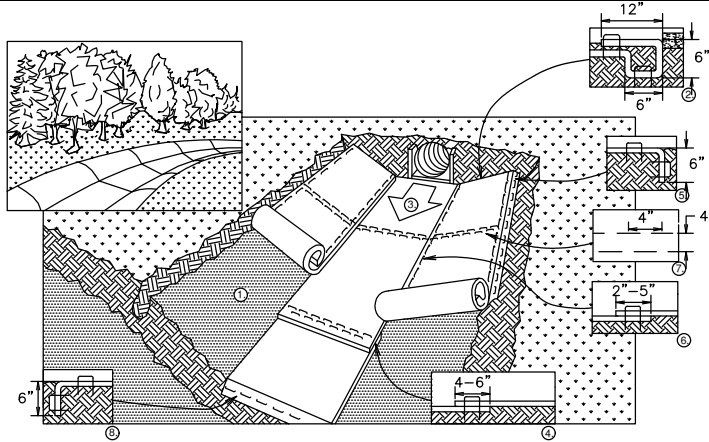


SECTION VIEW



FRONT VIEW

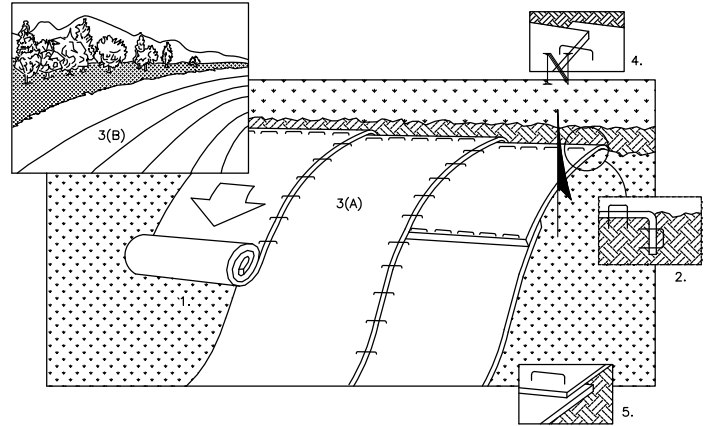
DETAIL
STONE CHECK DAM



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
7. A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

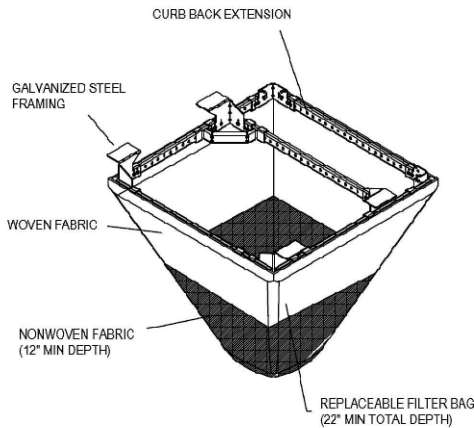
DETAIL
EROSION CONTROL MAT - CHANNEL INSTALLATION



NOTE:
REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT
STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

DETAIL
EROSION CONTROL MAT - SLOPE INSTALLATION

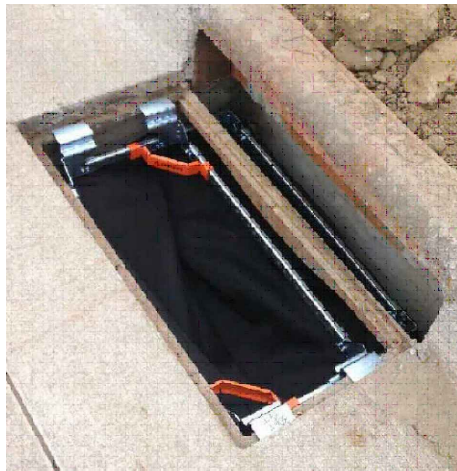


GENERAL NOTES:

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

FRAMED INLET PROTECTION SHALL BE COMPLIANT WITH ALL ASTM STANDARD D8057-17 REQUIREMENTS, INCLUDING:
A. BYPASS OVERFLOW THAT MEETS OR EXCEEDS INLET DESIGN FLOW
B. FRAME AND BAG STRONG ENOUGH TO HANDLE FULL SEDIMENT LOAD.

DETAIL
INLET PROTECTION - FRAMED (W/ CURB BOX)



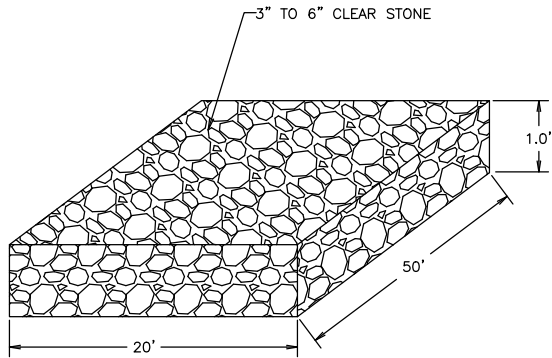
INSTALLATION NOTES:

NO PART OF INLET PROTECTION SHALL BE PROJECTING ABOVE THE GRATE.

FOR COMBINATION INLETS, PROTECTION SHALL CAPTURE RUNOFF ENTERING BOTH GRATE AND CURB OPENING.

A DUAL FABRIC FILTER BAG, WITH NON-WOVEN BOTTOM AND WOVEN TOP SHALL BE USED.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

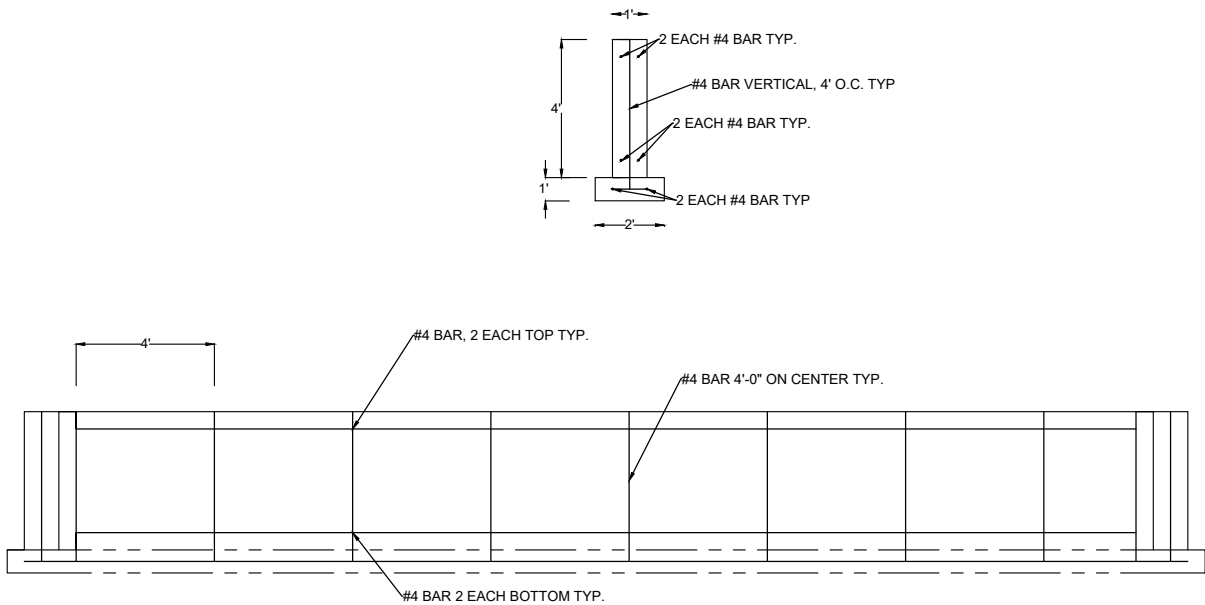


NOTE:

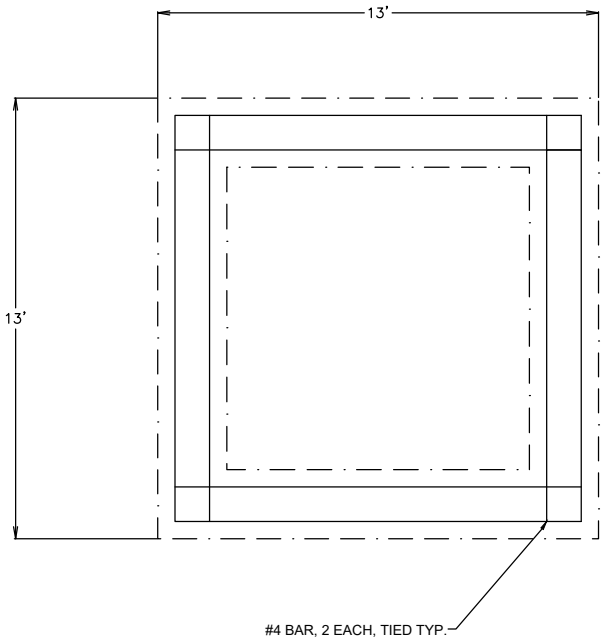
- ON STREET SURFACES
CRUSHED AGGREGATE BASE STONE
SERVES AS TRACKING PAD.

DETAIL
CLEAR STONE TRACKING PAD

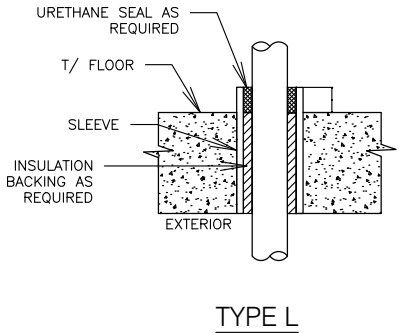




DETAIL
FROST WALL SECTIONS

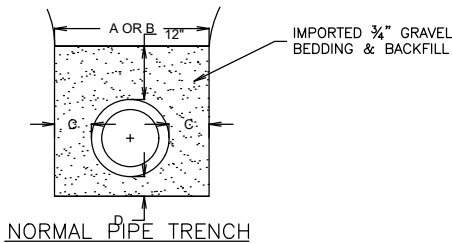


DETAIL
FROST WALL PLAN

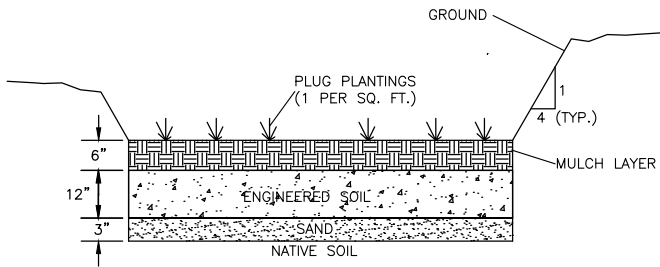


DETAIL
BASE/FLOOR PIPING PENETRATION

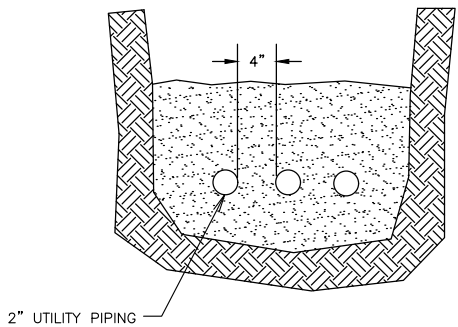
DIMENSIONS:
A: OUTSIDE DIAMETER OF PIPE PLUS 24" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36". TRENCH SHIELDS NARROWER THAN 4 FEET INSIDE WIDTH WILL NOT BE REQUIRED UNLESS SPECIFICALLY REQUIRED IN THE PROJECT SPECIFICATIONS.
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36".
C: MINIMUM - 6"
D: MINIMUM 4" BELOW BARREL AND 3" BELOW BELL.



DETAIL
TRENCH WIDTH AND BEDDING



DETAIL
BIORETENTION FLUSHING AREA



DETAIL
JOINT TRENCH INSTALLATION

GENERAL DETAILS

MCDANIEL PARK IMPROVEMENTS
Village of McFarland, Wisconsin

PROJECT NO.: MC 204
DRAWING FILE: MCDANIEL PARK BEACH/DWG
DRAWN BY: T.J.S.
CHECKED BY: B.R.B.
DATE: 2-22-23
REVISIONS:
SCALE:

N.T.S.

SHEET:

4

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McFarland
SUMMARY SHEET

MEETING DATE: Monday, March 13, 2023

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Sayer Larson, Parks Superintendent

AGENDA ITEM: Discussion regarding the upcoming Arbor Day event

PREVIOUS ACTION:

None

ISSUE SUMMARY:

The Village of McFarland hosted an Arbor Day event at Lewis Park in 2022. The event was held during the evening on Arbor Day. The event included a presentation of tree health issues by a certified arborist, tree art from high school students, crafts for children, a bucket truck demonstration, and a table of available tree books staffed by the library. There were trees given away to attendees. Staff is seeking assistance from the tree board (SNR Committee members) in planning and hosting the event.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

This is for discussion only.

ATTACHMENTS:

None