

City of Whitewater
Parks and Recreation Board Agenda
Tuesday, April 9, 2013 - 5:00pm
Community Room – 1st Floor, City Municipal BuildingDis
312 W. Whitewater St. Whitewater, WI 53190

Call to Order and Roll Call

Consent Agenda:

CA-A	Approval of Parks and Recreation Board minutes of March 4, 2013
CA-B	Receipt and acknowledgement of Urban Forestry Commission minutes of February 26, 2013
CA-C	Expedited approval of the following items, per staff recommendation: C-1

Hearing of Citizen Comments:

No formal action will be taken during this meeting, although issues raised may become part of a future agenda. Participants are allotted a 3 minute speaking period. Specific items listed on the agenda may not be discussed at this time; however, citizens are invited to speak to those issues as designated in the agenda.

Staff Reports:

Recreation & Community Events Programmer	Wellfest; Summer Brochure & Programs; Registration Hours
City Forester	Update on Bird City
Senior Coordinator	Senior Resource Fair; Volunteer Appreciation
Parks & Recreation Director	DNR Storm water Grants; Bicycle & Pedestrian Master Plan; Cravath Lakefront Stakeholder Meeting; Introduction of Sports Coordinator, Abby Schyvinch
Sports Coordinator	Youth Baseball & Softball

Considerations:

*C-1	Request by UW-W Student Group for waived rental fees at Starin Park to hold "Save Second Base" on April 27 th which will benefit the Susan G. Komen Foundation
C-2	Discussion and possible action related to proposed treatment of garlic mustard at Effigy Mounds Preserve (Friends of the Effigy Mounds)
C-3	Discussion and possible action on landscaping improvements to the Effigy Mounds Preserve (Friends of the Effigy Mounds)
C-4	Discussion related to camping location of 4 th of July carnival employees
C-5	Review proposal for consultant services to assist with Strategic Plan
C-6	Discussion related to the creation of a butterfly friendly area within city park system
C-7	Discussion and possible action related to the site and landscape plan for Treyton's Field of Dreams
C-8	Request for future agenda items
C-9	Adjourn

Memo

To: Parks and Recreation Board
From: Matt Amundson, Parks and Recreation Director
Date: April 5, 2013
Re: April 9, 2013 Meeting

C-1 Request by UW-W Student Group for waived rental fees at Starin Park to hold “Save Second Base” on April 27th which will benefit the Susan G. Komen Foundation

This request is from a group of UW-Whitewater students to hold a softball tournament to raise funds for breast cancer research at Starin Park later this month. This rental is consistent with groups that have received free facility use in the past and I especially appreciate the fact that this is a group focused on increasing wellness. My recommendation is to waive the rental fees for this event and I have included this item on the consent agenda.

C-2 Discussion and possible action related to proposed treatment of garlic mustard at Effigy Mounds Preserve & C-3 Discussion and possible action on landscaping improvements to the Effigy Mounds Preserve (Friends of the Effigy Mounds)

I have listed these items together for my memo as the information is tied together in a request from the Friends of the Effigy Mounds (FOTEM). Please see the submitted information from FOTEM in the packet. This information was reviewed by the Urban Forestry Commission on March 26th. Both requests are within the scope of the restoration plan for the Effigy Mounds Preserve.

In my summary of previous discussions with the Board and FOTEM members, the following are the priorities at the site.

1. Continue to battle invasive plant species – may need to look at chemical treatment options in Spring 2013 – input needed from FOTEM & Park Board
2. Conversion of mounds from turf grass to short-stature prairie
3. Realign the trail entrance
4. Improve the green space off of Indian Mounds Parkway – input needed from FOTEM & Park Board (option included entrance garden, trees, prairie in an effort to tie in entrance to the rest of the site)

The three issues that must be determined by the Board:

- Concerns regarding chemical application and its impact on the environment and neighborhood
- If chemical treatment is allowed, what role can volunteers play in its application
- A finite amount of financial resources are available and must be balanced between chemical treatment, plantings, and conversion of the mounds to prairie.

Funds currently available for this work total \$5,350. This includes \$3600 which was budgeted for the conversion of the mounds to short stature prairie and \$1,750 that Eric Tabaka raised for his Eagle Scout project. Chuck estimates that the conversion process for the mounds will cost \$2,500-\$3,000. This leaves approximately \$2,500 for chemical treatment, plantings, or any other work at the site in 2013.

C-4 Discussion related to camping location of 4th of July carnival employees

The City has hosted the 4th of July carnival workers at Trippe Lake Park through 2008 and at Starin Park (2010-2012). In 2009, the 4th of July committee provided a site in the business park. While at Trippe Lake Park I heard concerns from park users that the group blocked trail access and created clean-up challenges while utilizing the former Trippe Lake bath house. As we look at 2013 the group again plans to camp at Starin Park. We have continued to need to play youth baseball and softball games while this group is camped in the north east parking lot at Starin Park. Looking past 2013 with the addition of the Field of Dreams I feel that we need to work with the 4th of July committee to identify a long term home for the carnival employees and would like to discuss this matter with the Parks & Recreation Board.

C-5 Review proposal for consultant services to assist with Strategic Plan

I would like to discuss a proposal that I have received from Ryan Garcia of Schreiber Anderson & Associates for this work. I have included the proposal in the packet.

C-6 Discussion related to the creation of a butterfly friendly area within city park system

This item was requested at the last meeting for a future agenda item and has been listed to discuss ideas or suggestions that the board has.

C-7 Discussion and possible action related to the site and landscape plan for Treyton's Field of Dreams

Strand & Associates is in the process of preparing the necessary documents for Plan Commission submittal and will be on the May 13th plan commission agenda. I am asking that the Parks & Recreation Board review the information, provide comment, and approve these plans prior to review by the Plan Commission. At time of this memo I do not have the documents and will send to the board as soon as I receive them.

Your consideration of these matters is greatly appreciated.

Thanks!

Matt Amundson,
Parks & Recreation Director

City of Whitewater
Parks and Recreation Board
Minutes
Monday, March 4, 2013 - 5:00pm
Community Room-1st Floor, City Municipal Building
312 W. Whitewater St. Whitewater, WI 53190

Call to Order and Roll Call

Teri Smith, Ken Kidd, Brandon Knedler, Bruce Parker, and Rachel DePorter. Absent: Nathan Jaeger, Jen Kaina, and Kim Gosh.

Staff: Matt Amundson, Deb Weberpal, Michelle Dujardin

Guests: Richard Helmick, Stacey Lunsford

Consent Agenda: Approval of Parks and Recreation Board minutes of February 4, 2012, and Receipt and acknowledgment of Urban Forestry Commission minutes of January 22, 2013.

No items to be removed from consent agenda. Kidd moved to accept the consent agenda. Seconded by Parker. Ayes: Parker, Kidd, DePorter, Smith, and Knedler. Noes: None. Abstain: None. Absent: Gosh, Kaina, and Jaeger. Motion passed.

Hearing of Citizen Comments:

No formal action will be taken during this meeting, although issues raised may become part of a future agenda. Participants are allotted a 3 minute speaking period. Specific items listed on the agenda may not be discussed at this time; however, citizens are invited to speak to those issues as designated in the agenda.

No Comments

Staff Reports:

Parks & Recreation Director

- Sports Coordinator: Abby Schyvinch has been hired as the Sports Coordinator for the Parks and Recreation Department. The position is 20 hours per week. Abby will be starting in early April. Abby has a degree in Sports Management from UW-LaCrosse. Her past work experience includes the Just A Game Field house in Wisconsin Dells, the Wisconsin Rapids Rafters Northwoods League Baseball team, and television broadcast experience on camera and behind the scenes.
- Website URL: We have a new home on the web! Our new Parks and Recreation URL is www.wwparks.org. This will be a direct link to Parks & Recreation. We think this is short and catchy and something everyone can remember. Most importantly, it is much easier to remember than www.whitewater-wi.gov then go to departments, then Parks & Recreation.

Recreation & Community Events Programmer

- Freeze Fest Recap: On Saturday, February 16th the 5th Annual Freeze Fest took place at Cravath Lakefront and around Whitewater. At the present time, it is calculated that we had 238 plungers and raised \$40, 426.27 with continued dollars to be taken in. Final counts are usually finalized by May. The 2014 date has been set for Saturday, February 15th.
- Wellfest: The 2nd Annual Wellfest is taking place on Sunday, March 10th from Noon-3pm at the Whitewater High School. The event is completely free and appropriate for all ages. Parks & Recreation and Seniors In The Park will have a table to promote programs and answer questions.
- Creative Writing: The department is adding additional programs in multiple areas. Creative Writing is being offered at the Hamilton House by Katy Wimer, who is a local photographer and writer. The first class has brought out six writing enthusiasts with only complements of the class.

Senior Coordinator

- Chili Cook-off Recap: The chili cook off registration hit max this year for Freeze Fest. The event brought out 12 competitors and raised \$400 for Special Olympics and \$400 for Seniors In The Park.
- Valentine's Day Event: The Seniors In The Park hosted Sweetheart Bingo with a visit from Elvis. The event brought out 53 people which created a full house.
- Meal Site: The community building is a current site for the meal program. Due to funding, there is a chance the meal site could be discontinued at our location.
- Intern projects update: Sara is doing fantastic as an Intern and has co-created the first Senior Resource Fair to take place May 2nd.

Considerations:

Discussion and direction related to library building expansion

Amundson stated that at the February 18th Library Board Meeting discussion of the concept of looking at a library expansion project was brought forward. The concept included space for senior programming and even the possibility of a community center.

Stacey Lunsford (Library Director) commented that senior programs dove tails nicely with what the Library has to offer. The hope is to become more of a one stop shop multipurpose center. Creating a center where people can come in the morning and stay all day due to so many activities.

Kidd: Where are you with the space consultant?

Lunsford: There will be no more second story. Space hasn't been defined yet for concept plan.

Kidd: In the past, moving the senior programming has been a sore subject.

Weberpal: We have lots of new people in our programs and only a handful of diehards of staying at Starin. The Parks and Recreation Board directed Amundson to move forward and bring back more information when available.

Discussion and possible action on extended hours of Parks & Recreation Department

Amundson stated the extended Thursday hours to 6:00pm and the 1st Saturday of the Month from 8-11am has generated zero contact with the public. Amundson asked the board if there was something better we could be doing. Amundson also stated that online registration has increased.

Kidd suggested publishing certain dates and times in the next brochure for extended registration hours.

Knedler suggested creating a two week period during the busy registration times to have extended registration hours.

The Parks and Recreation Board directed staff to design times and dates best suited for busy registration times.

Discussion and possible action on future Parks & Recreation Meeting dates

Amundson asked Board's thought on moving regularly scheduled meetings to the 2nd Tuesday of the month. This would put the Council on the 1st & 3rd Tuesday, Parks & Recreation on the 2nd Tuesday, and UFC on the 4th Tuesday.

Knedler moved to move the meetings to the second Tuesday of the month at 5:00pm starting April.

Seconded by Parker. Ayes: Parker, Kidd, DePorter, Smith, and Knedler. Noes: None. Abstain: None.

Absent: Gosh, Kaina, and Jaeger. Motion passed.

Discussion and review of Fall 2012 Recreation Program financials

Amundson presented program financials included in the packet and highlighted program details and new additions for 2012.

Discussion and possible action related to the site plan for Treyton's Field of Dreams

A recent tour by Amundson and Mike Kilar to concession stands in Milton and Fort Atkinson resulted in a few proposed changes to current concession stand. The revised site plan included in the packet illustrated the following changes; location of concession/restroom building moved outside of the Field of Dreams site to across the trail, expanded bleacher seating behind backstop, and shade structure/picnic areas.

Smith expressed concern with restrooms facing the parking lot and the safety of the users.

Parker suggested turning the building to allow the serving window to face the parking lot and having the restrooms face the field of dreams.

Amundson stated the final landscape and concession plan will be brought to Council in April.

Direction and possible action related to forestry issues and EAB public education

Amundson announced a free EAB Seminar will be held on April 3rd from 6:30pm-8:00pm located at the Cravath Lakefront Community building for community members. Amundson asked for the board's direction in his role in the UFC.

Kidd stated that the UFC comes through the Parks and Recreation Board and that Amundson should play a large role in that Commission. Smith stated that Amundson should continue his current involvement level. Knedler suggested Amundson help set agenda items, goals and objectives for the year with the UFC while creating a better working relationship together with the Parks & Recreation Board.

Introduction to Strategic Plan Process and discussion of Goals & Objectives

Amundson referred to the board's packet with the goals & objectives from the last Park and Open Space plan. A power point presentation was given to compliment the packet information.

Amundson asked the board to look at the goals & objectives and give feedback on the next step and commented that it needed to be a 5 year plan. He also stated that the department will be setting up focus groups and would like the first focus group to be a SWAT Analysis of the department. A separate special meeting will be set up to work on the strategic plan.

Request for future agenda items

Due to field construction, location of Fourth of July carnival workers

Update on Bird City

Butterfly friendly garden area

Adjourn

Motion to adjourn to closed session at 7:00pm by DePorter, seconded by Smith.

Next meeting: Tuesday April 9, at 5:00 pm

Respectfully submitted,

Michelle Dujardin

Michelle Dujardin

**City of Whitewater
Urban Forestry Commission Meeting
Tuesday, February 26, 2013**

Call to order by Chairperson, Tiiu Gray-Fow.

Roll call:

Members present: Tiiu Gray-Fow, Karen Coburn, Andrew Crone, Bev Stone

City staff present: Brian Neumeister

Approval of Agenda:

Motion by Bev Stone to approve the Agenda Second Karen Coburn.

Unanimous approval

Karen McCulloch arrives at this point in the meeting

Approval of Minutes of January 22, 2012 meeting:

Motion by Andrew Crone, Second by Karen Coburn.

Unanimous approval

Brandon Knedler arrives at this time.

Consideration 3:

Coburn asks to review last meetings EAB minutes to see how the points raised last meeting are being implemented. The overview is as follows:

- 1)The Parks and Rec Board doesn't want to have our cautionary disclaimer about specific treatment types. Rather they just want to tell residents to use the treatments, which ever they choose, to be careful.
- 2) The Park and Rec Board chose not to pursue a possibility of citizens creating treatment agreements with the city. They mentioned liability issue and the possibility it could take business away from potential private service providers.
- 3) The Park and Rec Board is still working on date for March event at Cravath Lake. Brian says it might be early April.
- 4)Regarding where EAB info will be posted, it will be posted, under Urban Forestry, but we are looking to see if it can be someplace easier to find. Knedler will ask if EAB can be its own button on the city or park board page.

Consideration 4:

Coburn stated her concern that Landscape plans come in late for the UFC to review the plan. Knedler stated we should have a request from Plan board to Latisha to emphasize the need to get landscaping plans in sooner. Coburn will talk to Latisha.

A Cravath Lake Park meeting is to be in April to find out from citizens and business to see what we want the park to be like. These suggestions will then go before the park board.

Staff Report:

Letters have been sent out for 4 inch and under trees to be removed. In the next week or two they are to be removed. Those to be treated, will have a letter sent out in March. Letters will be sent to people whose trees will not be treated. There maybe option for homeowner to pay to have it treated.

McCulloch states citizen concern for two trees without tree guards.

Suggestions for future agenda items: We can push to enter our request to become a bird city by March 1 if Nass can review the form in time. Pamphlet for EAB.; Coburn will look into it and get back. Knedler will ask Amundson if the Park and Rec Department can make it. Look to see if it can be put on water bill. Look into radio and Whitewater Banner listings.

Move to adjourn:

Motion by Karen Coburn, seconded by Bev Stone
Unanimous approval.

Respectfully submitted:
Andrew Crone

To Whom It May Concern,

My name is Maria Glorioso, and I am an Assistant Complex Director at the University of Wisconsin-Whitewater. This year I work in Fischer Hall, which is a wellness focused building. Many of our programmatic efforts revolve around nutrition, mental health and physical wellness. This spring my Leadership Involvement Team (LIT) is collaborating with our sister buildings Tutt/Knilians halls to put on a program called "Save Second Base." The Leadership Involvement Team acts like a hall council for the residents in their respective building or complex and has a programmatic focus. It is comprised of aspiring student leaders looking to make a difference in their community. The program we are hoping to put on is a softball tournament to raise money for breast cancer research and we are hoping to use your facilities in Starin Park to host the tournament. Because our funds are limited, and we are hoping to donate as much money as possible to breast cancer research, we are hoping to use your facilities for free or at a reduced cost.

The date we are looking to host this tournament would be Saturday April 27th from 10am-6pm, and we would like to use both baseball diamonds with lights if possible. We are looking to get about 10 co-ed teams to sign up with 10-12 people per team. The game will be slow pitch softball, and will be five innings long or up to an hour per game. It will cost each team \$20 to enter the tournament, and all the proceeds from team signups will be donated. We will be using the University's Rec Sports rules to officiate the games. We have volunteers from our campus' Rec Sports who will be acting as umpires for the game, and we have a total 60 volunteers, including three of our professional staff members, who will be working various shifts throughout this event. A professional staff member will be present at all times throughout the program, and students participating will be required to sign a hold-harmless agreement prior to playing.

Thus far, our LIT team has already raised \$25 from a Pie Your RA program that was held earlier in the semester. We are also getting t-shirts made that we will be selling in the Campus' University Center for \$10 each, and whatever we do not sell at the University Center we will bring to the park the day of the tournament to sell. All of the profits made from the t-shirt sales will also be donated. Our LIT has a popcorn machine, and we were hoping to sell popcorn for \$1 per bag at the park and we were also going to make pink rice krispie treats to sell the day of the event. The profits made from concessions will also be donated. Altogether, we are projecting that we will raise close to \$750 to donate to the South Central Wisconsin Affiliate of the Susan G. Komen foundation because it is important to us that the funds we raise remain local.

Combined, our LIT Teams are putting forth \$500 to buy equipment and supplies for the tournament as well as prizes. The first and second place teams will be getting engraved medals and the first place team will also be getting a trophy. We would be willing to make any changes necessary to comply with your policies and procedures in terms of facility rentals. We thank you for your consideration and look forward to collaborating with you. If you have any questions, comments or concerns, please do not hesitate to contact me.

Sincerely,

Maria Glorioso
Assistant Complex Director – Fischer Hall
(262) 472-4459
GloriosoMF19@uww.edu

FRIENDS OF THE EFFIGY MOUNDS (FOTEM)
INITIATIVES for SPRING, 2013
Parks & Recreation Board Meeting April 9, 2013
Subject to change, modification, etc.

I. INTRODUCTION

II. HANDOUTS

A. aerial view of combined cataloged and un-cataloged sites

1. disturbing of soil in cataloged Indian burial sites

- a. need written verification from State Archeologist which areas are catalogued.**
- b. should the eastern section of turf grass from the street to the fence be catalogued, can we get permission to plant native plants there?**

B. close-up aerial view of un-cataloged site

C. rough draft schematic layout (not to exact scale)

- 1. “cloudy” images at edges appear to be tree canopy, bushes, etc.**
- 2. street entrances, obstacles**
- 3. sign, 4 boulders, large evergreen tree on east side**
- 4. numbered pods or display gardens**
 - a. concentrated on north side, allowing open space to accommodate other structures to be added later**
 - 1) portable tent area**
 - 2) seating area across from tent**
 - 3) high relief ground level replica of mounds group**
 - 4) educational Kiosk opposite display gardens**
 - b. turf grass pedestrian paths wide enough for group tours and city riding mowers – aprox. 6 feet wide**

III. **AN APPROACH for LANDSCAPING THE UN-CATALOGED SITE**

Herbicide, cultivate (rotatill), plant, water, and mulch:

Plant 1, 2, or 3 pods each spring, finishing the plantings over 3 to 5 years, based on available funds, such as \$2,000 1st year, another \$1,000 2nd, \$1,000 more the 3rd, and wait for available funds to finish.

A. **Spring 2013:** plant pods at street end first, N.E. corner, pods # 1 & 2, estimated @ \$2,178. Paint the pod outline on turf, apply herbicide within the outlines to the turf grass, cultivate, plant native plants, water new plants, and mulch heavily with organic mulch or compost free of weed seeds.

B. **Spring 2013:** also paint the outline on turf for pods 3 through 7, apply herbicide at regular intervals to the turf throughout the summer to kill the newly emerging weeds.

Continue monitoring & controlling weeds on all remaining pods.

C. **Spring 2014:** cultivate dead turf grass (or sod-cut) on 1, 2, or 3 more pods, plant 1, 2 or 3 more pods, water new plants, mulch with organic weed free compost.

Continue monitoring & controlling weeds on all remaining pods.

D. **Spring 2015:** cultivate dead turf grass (or sod-cut) on 1, 2, or 3 more pods, plant 1, 2, or 3 more pods, water new plants, mulch with organic weed free compost.

Continue monitoring & controlling weeds on any remaining pods.

E. **Spring 2016:** do the above with any remaining pods.

IV. **OTHER APPROACHES for preparing lawn turf for native plantings**

(from Prairie Nursery 2013 Growing Guide)

A. **Sod-cut:** using sod-cutter, remove top 2-3" of grass and soil. Till the open ground lightly and plant into prepared bed.

A. **Smother:** layer heavy leaves, cardboard, carpeting, plastic sheeting, etc. on top of grass, summer, fall, winter before planting, cultivate, plant.

B. **Cultivate:** rotatill site all summer during growing season, 2 to 3 times at 1-week intervals, herbicide active weeds, plant in fall or following spring.

V. **PLANT QUANTITIES & COST – (ESTIMATE)**

A. 20 feet/inch scale X .910 = # of actual feet.
Planting density of 30 %.

B. 7 Planting “Pods/Islands” are numbered on the drawing from the street to the west border of the “non-catalogued” site:

- # 1. 291 sq. ft. x 30% = 90 plants x \$ 5 = \$ 450
- # 2. 1,152 sq. ft. x 30% = 345 plants x \$ 5 = \$1,728
- # 3. 1,132 sq. ft. x 30% = 340 plants x \$ 5 = \$1,700
- # 4. 1,078 sq. ft. x 30% = 323 plants x \$ 5 = \$1,617
- # 5. 583 sq. ft. x 30% = 175 plants x \$ 5 = \$ 875
- # 6. 1,152 sq. ft. x 30% = 346 plants x \$ 5 = \$1,730
- # 7. 528 sq. ft. x 30% = 158 plants x \$ 5 = \$ 790

\$8,890

VI. **EARLY SPRING HERBICIDE CONTROL OF GARLIC MUSTARD IN CATALOGUED AREA PER DNR RECOMMENDATIONS (see separate page in packet)**

A. Garlic Mustard rosettes, and rosettes of other invasive species, are clearly visible on the soil surface before native species have emerged.

1. other early emerging invasives

- a. Common Mullein
- b. Thistle
- c. Creeping Charlie

2. Garlic Mustard and Mullein shade out native species and are out of control in the catalogued site at this time, forming smothering carpets of rosettes.

- a. **SUGGESTION** – follow DNR guidelines and apply glyphosate herbicide starting ASAP this April and continuing until natives emerge.

NATIVE FORBES (Wildflowers) PERENNIALS FOR FULL SUN, or UP TO 20% SHADE, Mesic to Dry Soil
As listed in 2013 Prairie Moon Nursery catalog

Common Name	Genus	Species	Bloom Time	Color	Height	Comments
Anise Hyssop	AGASTACHE	<i>foeniculum</i>	Jun, Jul, Aug, Sep	Purple	3 ‘	<i>bare root, plants</i> , *, Easy
Columbine	AQUILEGIA	<i>canadensis</i>	April, May, June	Red, Or.	2 ‘	<i>bare root, plants</i> , *
Butterfly Weed	ASCLEPIAS	<i>tuberosa</i>	June, July, Aug	Orange	2 ‘	<i>bare root, plants</i> , Easy, *
Sky Blue Aster	ASTER	<i>oolentangiense</i>	Aug, Sept, Oct	Blue	3 ‘	<i>bare root, plants</i> , Easy, *
Cream Wild Indigo	BAPTISIA	<i>bracterata</i>	May, June	Cream	2 ‘	<i>bare root, plants</i> , Easy, Leg.
Bush’s Poppy Mallow	CALLIRHOE	<i>bushii</i>	June, July, Aug	Pink	2 ‘	<i>bare root, plants</i> , Easy, *
Lance-leaf Coreopsis	COREOPSIS	<i>lanceolata</i>	May, Jun, Jul, Aug	Yellow	2 ‘	<i>no roots, plants</i>
Pale Purple Coneflower	ECHINACEA	<i>pallida</i>	June, July	Purple	3 ‘	<i>bare root, plants</i> , Easy, *
Rattlesnake Master	ERYNGIUM	<i>yuccifolium</i>	Jul, Aug, Sept	White	4 ‘	<i>bare root, plants</i> , Easy, *
Button Blazing Star	LIATRIS	<i>aspera</i>	Jul, Aug, Sep, Oct	Purple	3 ‘	<i>plants</i> *
Wild Bergamot	MONARDA	<i>fistulosa</i>	July, Aug, Sept	Purple	4 ‘	<i>bare root, plants</i> , Easy, *
Wild Petunia	RUELLIA	<i>humilis</i>	June, July, Aug.	Purple	1 ‘	<i>bare root, plants</i> , Easy, *
Scarlet Catchfly	SILENE	<i>regia</i>	July, Aug.	Red	4 ‘	<i>bare root, plants</i> , Easy, *
Goat’s Rue	TEPHROSIA	<i>virginiana</i>	June, July	Pink & Yel.	1 ‘	<i>no roots, plants</i> Legume?, *
Ohio Spiderwort	TRADESCANTIA	<i>ohiensis</i>	May, June, July	Blue	3 ‘	<i>bare root, plants</i> *

SHRUBBY PERENNIALS

New Jersey Tea	CEANOTHUS	<i>americanus</i>	June, July, Aug	White	3 ‘	<i>6” roots, plants</i> *
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NATIVE FORBES (Wildflowers) PERENNIALS FOR FULL SUN, or UP TO 20% SHADE, Mesic to Dry Soil
As listed in 2013 Prairie Moon Nursery catalog

Common Name	Genus	Species	Bloom Time	Color	Height	Comments
Showy Wild Garlic	ALLIUM	<i>canadense var lavendulare</i>	April, May, June	White	1'	<i>bare root</i> , *
Prairie Onion	ALLIUM	<i>stellatum</i>	July, Aug.	Purple	14"	<i>bare root</i> , Easy *
Carolina Anemone	ANEMONE	<i>caroliniana</i>	April, May	White	3"	<i>bare root</i> ,
Thimbleweed	ANEMONE	<i>cylindrical</i>	June, July	White	2'	<i>bare root</i> , Easy, *
Pasque Flower	ANEMONE	<i>patens wolfgangiana</i>	April, May	Purple	6"	<i>bare root</i> , Easy, *
Heath Aster	ASTER	<i>ericoides</i>	Aug, Sept, Oct	White	2'	<i>bare root</i> , Rhiz.
Smooth Blue Aster	ASTER	<i>laevis</i>	Aug, Sept, Oct	Blue	4'	<i>bare root</i> , *
Aromatic Aster	ASTER	<i>oblongifolius</i>	Aug, Sept, Oct	Purple	2'	<i>bare root</i> , Rhiz. *
Ground Plum	ASTRAGALUS	<i>crassicaarpus</i>	May, June	Pink/Purp	1'	<i>bare root</i> , *
Creamy Milk Vetch	ASTRAGALUS	<i>racemosus</i>	May, June	Cream	2'	<i>bare root</i> , Easy
Dwarf Blue Indigo	BAPTISIA	<i>minor</i>	May, June	Blue	3'	<i>bare root</i> , *, Legume.
Lg. Yellow Wild Indigo	BAPTISIA	<i>sphaerocarpa</i>	June, July	Yellow	3'	<i>bare root</i> ,
Small Yellow Wild Indigo	BAPTISIA	<i>tinctoria</i>	June, July, Aug	Yellow	2'	<i>bare root</i> , , *, Legume
Golden Aster	CHRYSOPSIS	<i>camporum</i>	Jun, Jul, Aug, Sep.	Yellow	2'	<i>bare root</i> , Easy, *
White Prairie Clover	DALEA(PETALOSTEMUM)	<i>candida</i>	Jun, Jul, Aug, Sep.	White	2'	<i>bare root</i> , Easy, *
Purple Prairie Clover	DALEA (PETALOSTEMUM)	<i>purpureum</i>	July, Aug, Sept.	Purple	2'	<i>bare root</i> , Easy, *
Wild Blue Larkspur	DELPHINIUM	<i>carolinianum</i>	May, June	Blue	4'	<i>bare root</i> , *

Prairie Larkspur	DELPHINIUM	<i>virescens</i>	June, July	White	4 ‘	<i>bare root</i> , *
Midland Shooting Star	DODECATHEON	<i>meadia</i>	April, May, June	Pink	1 ‘	<i>bare root</i> , *
Bush’s Coneflower	ECHINACEA	<i>paradoxa</i>	June, July, Aug	Yellow	3 ‘	<i>bare root</i> , Easy, *
Rattlesnake Master	ERYNGIUM	<i>yuccifolium</i>	Jul, Aug, Sept	White	4 ‘	<i>bare root</i> , Easy, *
Cream Gentian	GENTIANA	<i>flavida</i>	Aug, Sep	Cream	3 ‘	<i>bare root</i> ,
Prairie Smoke	GEUM	<i>triflorum</i>	April, May, June	Pink	8”	<i>bare root</i> ,
Dwarf Blazing Star	LIATRIS	<i>cylindracea</i>	Jul, Aug, Sep, Oct	Purple	1 ‘	* <i>bare root</i> ,
Dotted Blazing Star	LIATRIS	<i>punctata</i>	Jul, Aug, Sept	Purple	2 ‘	<i>bare root</i> Easy, *
Northern Blazing Star	LIATRIS	<i>scariosa</i>	Aug, Sept	Purple	2 ‘	<i>bare root</i> , *
Scaly Blazing Star	LIATRIS	<i>squarrosa</i>	July, Aug, Sept	Purple	2 ‘	<i>bare root</i> , Easy, *
Hairy Beardtongue	PENSTEMON	<i>hirsutus</i>	May, June	Purple	18”	<i>bare root</i> , Easy
Prairie Phlox	PHLOX	<i>pilosa</i>	May, June, July	Pink	2 ‘	<i>bare root</i> , *
Western Indian Physic	PORTERANTHUS	<i>stipulates</i>	May, June	White	2 ‘	<i>bare root</i> ,
Prairie Cinquefoil	POTENTILLA	<i>arguta</i>	Jun Jul, Aug, Sep.	White	2 ‘	<i>bare root</i> ,
Rattlesnake Root	PRENANTHES	<i>racemosa</i>	July Aug Sep, Oct	Pink	3’	<i>bare root</i> ,
Prairie Turnip	PSORALEA	<i>esculenta</i>	May, June, July	Blue	1 ‘	<i>bare root</i> , *
Scurfy Pea	PSORALEA	<i>tenuiflora</i>	June, July	Blue	2 ‘	<i>bare root</i> , Legume, *
Early Buttercup	RANUNCULUS	<i>fascicularis</i>	April, May, Oct.	Yellow	5-10”	<i>bare root</i> , *
Starry Campion	SILINE	<i>stellata</i>	Jul, Aug, Sep, Oct	White	3 ‘	<i>bare root</i> , Easy, *
Comn. Blue-eyed Grass	SISYRINCHIUM	<i>albidum</i>	May, June	Blue	6”	<i>bare root</i> , *

Prairie Blue-eyed Grass	SISYRINCHIUM	<i>campestre</i>	May, June, Oct.	Blue	6"	<i>bare root</i> *
Hoary Vervain	VERBENA	<i>stricta</i>	Jun, Jul, Aug, Sep	Blue	2'	<i>bare root</i> , *
Prairie Violet	VIOLA	<i>pedatifida</i>	Apr, May, Jun, Sep	Purple	6"	<i>bare root</i> , Easy, *
Kittentails	WULFENIA	<i>bullii</i>	May, Sept.	Yellow	8"	<i>bare root</i> ,
Heart-leaf Golden Alexanders	ZIZIA	<i>aptera</i>	April, May	Yellow	3'	<i>bare root</i> , Easy, *

SHRUBBY PERENNIALS

Lead Plant	AMORPHA	<i>canescens</i>	June, July, Aug	Purple	3'	<i>bare root</i> , Easy, *
Fragrant False Indigo	AMORPHA	<i>nana</i>	May, June, July	Magenta	2'	<i>bare root</i> , Easy, *

EFFIGY MOUNDS PRESERVE CONSIDERATION
Garlic Mustard Control

DNR advice for Garlic Mustard control . . .

SPRAY the foliage beginning of March through July

In the Effigy Mounds catalogued site, if herbicide is used, it should be sprayed before the other native plants emerge, probably no later than April, depending on weather conditions. One needs to walk out to the site and observe which plants are visible at the surface.

In the Effigy Mounds site, staff and volunteers could start spraying with Glyphosate herbicide as soon as Garlic Mustard rosettes appear after the snow melts, the air temperature reaches 60, there is no breeze, and no rain is predicted for 24 hours. As soon as other plants emerge, spraying should stop, because any drift could harm native buds and shoots. Also, native Woodland Violet rosettes will also be apparent along with the Garlic Mustard rosettes, so herbicide appliers need to know the difference, and not spray the violets. They look similar at this early stage.

BURN it from the end of March through the end of June.

HAND PULL or DIG beginning the end of March through the end of June.

(Garlic Mustard flowers from Mid April to July)

The goal is to remove plants without disturbing the soil in the cataloged area. However, pulling isn't recommended because of soil disturbance, opening the soil to other weed seeds, and soil erosion on sloping land.

As long as the roots are exposed to air, the rosettes wouldn't need to be bagged, as no flowers or seeds are present – they can biodegrade above soil.

Landscape
Architects
Planners
Engineers

March 18, 2013

Matt Amundson, CPRP
Parks & Recreation Director
314 W. Whitewater Street
Whitewater, WI 53190

Dear Matt,

Thank you for taking the time to talk with me about your department's upcoming planning initiatives. It was a pleasure to speak with you, and I'm grateful for the opportunity to present SAA's proposal to supplement the efforts of your staff and your Parks and Recreation Board with our team's specialized abilities and approach. SAA takes pride in its legacy of success in Whitewater, including our collaboration with the city at Cravath Lakefront Park, and we look forward to serving the city as a visionary partner in evaluating and planning for community park and recreation needs in 2013 and beyond.

As we discussed over the phone on March 13, SAA is prepared to assist the City of Whitewater's Parks and Recreation Department in completing three critical planning and analysis tasks, as follows:

- "Benchmarking" Whitewater's park, recreation, and open space system in comparison to cohort communities, with a focus on Wisconsin communities with state university campuses;
- Review and develop recommendations related to the city's existing parkland dedication regulations and fees in the context of existing and proposed city goals and objectives;
- Provide analysis and reporting on the role of parks in local and regional economic development.

Like you, SAA sees the importance and value in conducting these key tasks as a supplement to a typical "update" of the 5-year communitywide parks and open space plan. In conducting these tasks, SAA will assist the city in confirming its position of importance as both a home to and a destination for dynamic and diverse outdoor recreation within southeastern Wisconsin.

Enclosed, you'll find a concise - yet informative - proposal for SAA Design Group to conduct this work for the city. At your request, I can provide additional information, team member résumés, and relevant project examples that illustrate SAA's understanding of, expertise in, and unique qualifications to conduct this work.

We look forward to this challenge and thank you for your consideration.

Regards,



Ryan Garcia, AICP
Senior Planner/Project Manager
SAA Design Group, Inc.

define
enhance
sustain

define
enhance
sustain

SCOPE OF SERVICES

TASK I. BENCHMARKING WHITEWATER'S PARKS, RECREATION, AND OPEN SPACE SYSTEM

- Conduct background research and data collection. Acquire and review Whitewater's CORP Plan and up to 5 comparable community CORPs, to identify issues such as:
 - Levels of Service, for example, number of active park acres per 1,000 population;
 - Comparative analysis of depth/breadth of facilities offered;
 - Comparative analysis of recreation and parks programming;
 - Comparative analysis of parkland dedication regulations for new development and/or impact fees (groundwork to contribute to Task II, also).
- Create a "comparables" matrix, to summarize in graphic form Whitewater's competitive advantage in parks, recreation, and open space.
- Prepare an issues and opportunities memorandum which details the findings of this comparative analysis and can act as a chapter or appendix to the updated CORP plan, or as a standalone document.
- Attend one meeting of the Parks and Recreation Board to present a PowerPoint show of findings of this analysis.

Cost to complete Phase I: \$3,712

TASK II. REVIEW PARKLAND DEDICATION REGULATIONS

- Review existing city zoning, subdivision, and other ordinances referencing parkland dedication and impact fee requirements.
- Review goals and objectives as identified in CORP, Citywide Comprehensive Plan, Strategic Plan, and other city-identified documents.
- Prepare memorandum of findings, to include recommendations.
- Integrate findings into presentation identified in Task I, above.

Cost to complete Phase II: \$884

TASK III. ROLE OF PARKS IN ECONOMIC DEVELOPMENT

- Conduct literature review and contact previous clients for updated assessment of economic impacts of implemented park, recreation, and open space projects.
- Prepare a memorandum summarizing "case studies of economic impacts of parks and other recreational amenities.
- Integrate findings into presentation identified in Task I, above.

Cost to complete Phase III: \$702

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FEE FOR SERVICES

ASSUMPTIONS

This proposal assumes that the City of Whitewater will provide the most up-to-date copy of its Park and Open Space Plan, as well as local demographic and socioeconomic studies, land use changes since 2008, special regulations such as parkland dedication requirements, and other local ordinances to SAA. The city will provide all available GIS/CAD data pertaining to the project areas and will assist SAA in coordinating with coterminous or overlapping jurisdictions to obtain pertinent studies or data within the planning area. The cost proposal also assumes that each of the three main tasks will be conducted simultaneously, so as to provide the most cost effective approach to conducting data collection, report preparation, and face-to-face meetings. If the city should request additional services outside those expressly identified in the attached scope of services, a fee will be negotiated between SAA and the City of Whitewater prior to any work being performed.

NOT TO EXCEED FEE

SAA offers a not to exceed fee of **\$5,298** to perform the services as outlined in the proposal above. Payment for services will be due 30 days from the date of the invoice, issued on or about the first of each month.

Task 1	\$3,712
Task 2	\$884
Task 3	\$702
Totals	\$5,298

TREYTON'S FIELD OF DREAMS

FOR THE

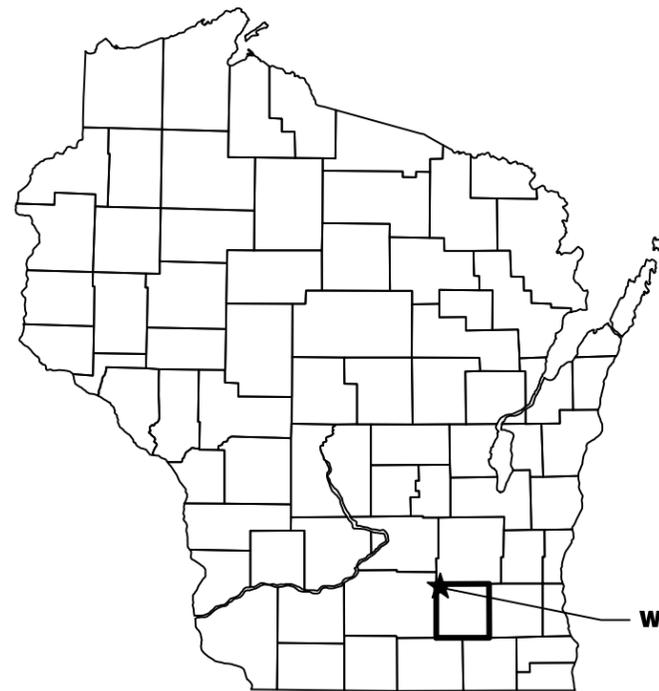
CITY OF WHITEWATER

WALWORTH COUNTY, WISCONSIN

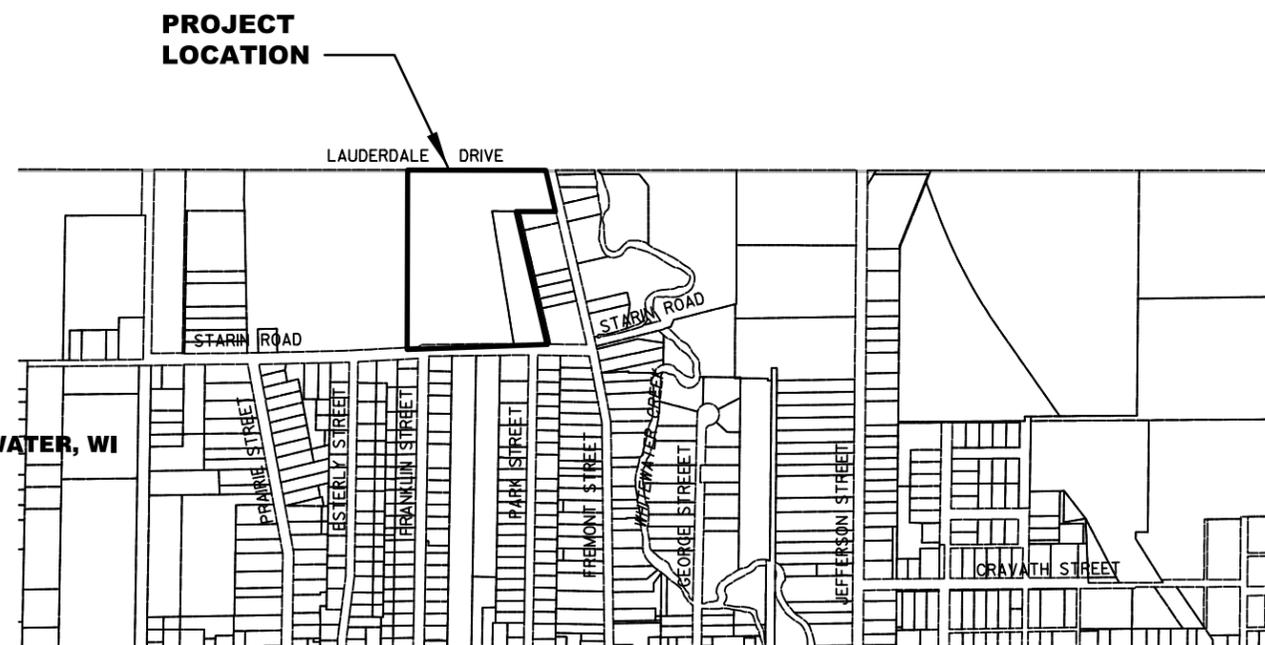
JULY 2013

LIST OF DRAWINGS

<u>SHEET NO.</u>	<u>DRAWING TITLE</u>
1	TITLE SHEET
2	STANDARD NOTES, SYMBOLS, AND DETAILS
3	EROSION CONTROL DETAILS
4	EROSION CONTROL PLAN
5	SITE PLAN NORTH - BASEBALL FIELD
6	SITE PLAN SOUTH - PARKING LOTS
7	GRADING PLAN NORTH - BASEBALL FIELD
8	GRADING PLAN SOUTH - PARKING LOTS
9	NORTH BIORETENTION BASIN DETAILS
10	SOUTH BIORETENTION BASIN DETAILS
11	SITE RESTORATION AND LANDSCAPING PLAN
12	PAVEMENT MARKING PLAN



PROJECT LOCATION MAP
NO SCALE



PROJECT LOCATION MAP

NO SCALE

Strand Associates, Inc.
 910 West Wingra Drive
 Madison, WI 53715
 608-251-4843
 608-251-8655 fax
 www.strand.com

CONTRACT NO. 1-2013



Call 811 3 Work Days Before You Dig
 or Toll Free (800) 242-8511
 Milwaukee Area (414) 259-1181
 Hearing Impaired TDD (800) 542-2289
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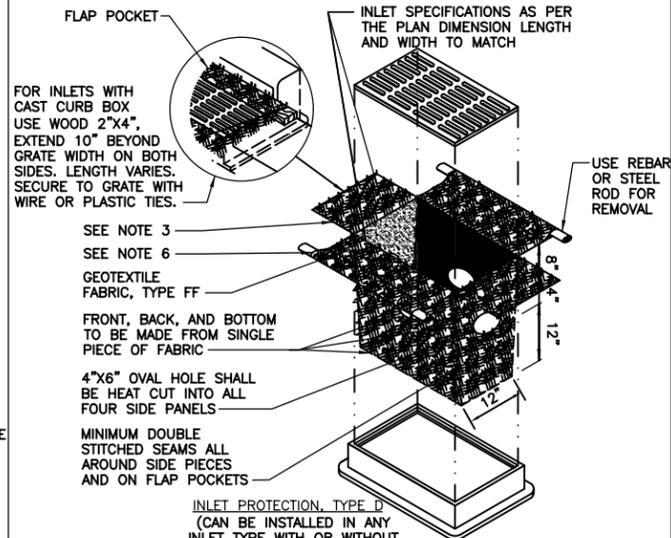
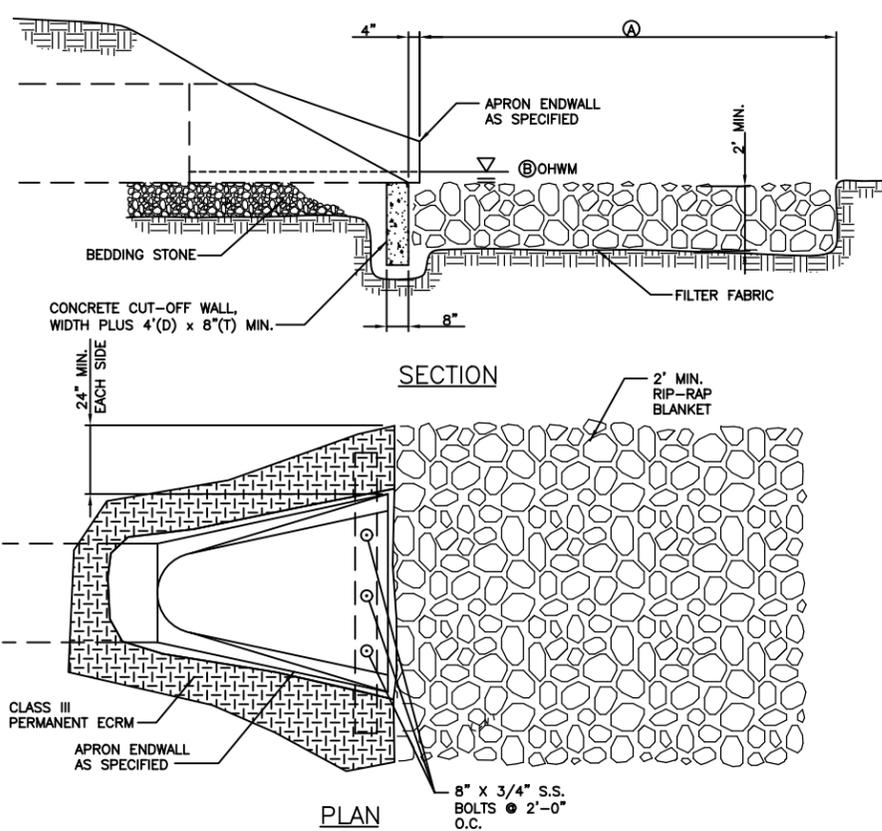
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EROSION CONTROL FLOW NOTES:

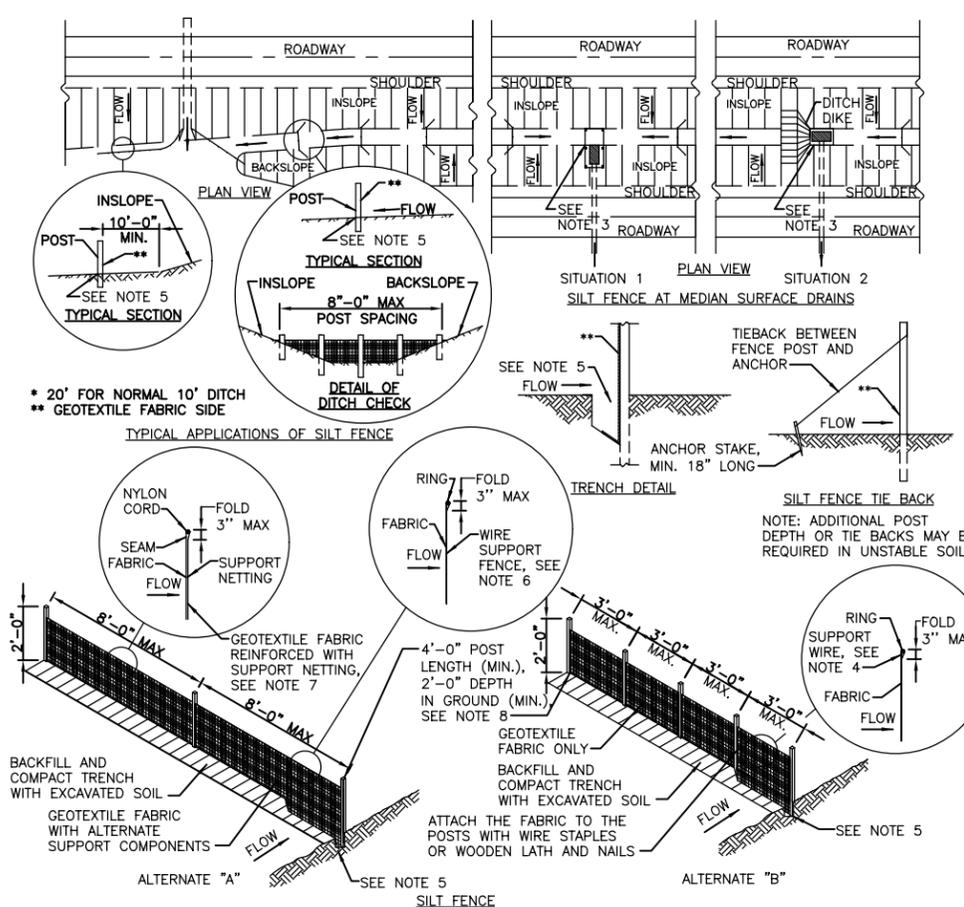
1. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 7 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
2. A MINIMUM OF 6 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.
3. ALL MULCH SHALL BE ANCHORED (CRIMPED) IN PLACE.
4. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
5. NO EXCAVATED MATERIAL SHALL BE STOCK PILED OR STORED ON SITE.
6. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.
7. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE WORK REDONE.
8. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING. TEMPORARY STABILIZATION AFTER OCTOBER 1, 2012 SHALL INCLUDE USE OF TYPE B SOIL STABILIZER IN ACCORDANCE WITH DNR CONSERVATION STANDARD, CODE 1050.
9. ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 70% VEGETATION AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE DNR.
10. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR CONSERVATION PRACTICE STANDARDS, LATEST EDITION.
12. UPON COMPLETION OF STORM INLET CONSTRUCTION, THE CONTRACTOR SHALL INSTALL STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITE AS SPECIFIED.
13. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, OR PARKING AREAS BY MANUAL OR MECHANICAL SWEEPING A MINIMUM OF ONCE PER WEEK AND BEFORE ALL IMMINENT RAINS.
14. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY, WITHIN 24 HOURS OF RAINFALL OF 0.5 INCH OR MORE, AND BEFORE IMMINENT/FORECASTED PRECIPITATION.
15. WHERE POSSIBLE CONTRACTOR SHALL PLACE ACTIVE/TEMPORARY SPOIL PILES UPSTREAM OF EXCAVATED TRENCHES.
16. DISTURBED DITCH AREAS AND AREAS WITH SIDE SLOPES STEEPER THAN 4:1 REQUIRE E-MAT (TYPE 1, CLASS B). UNLESS OTHERWISE NOTED.
17. ALL DISTURBED RIPARIAN AREAS SHALL BE STABILIZED WITHIN 24 HOURS.

GENERAL NOTES:

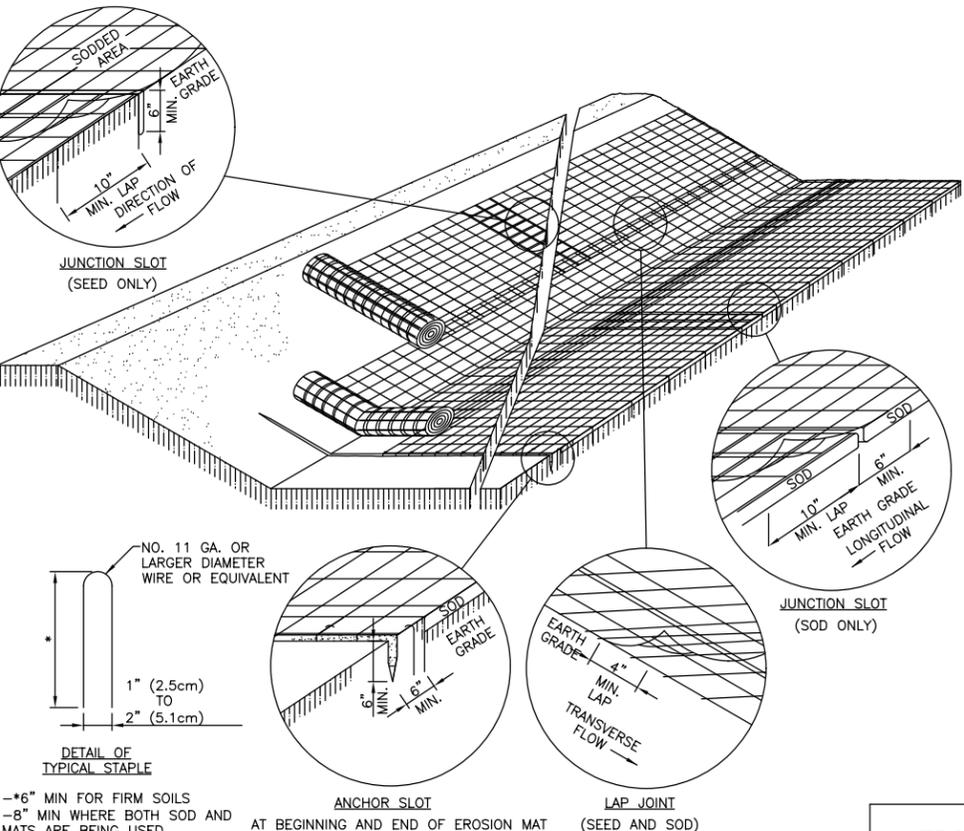
1. DNR TECHNICAL STANDARDS SHALL BE REVIEWED AND FOLLOWED FOR EROSION CONTROL PRACTICES SUCH AS DUST CONTROL (WDNR TECHNICAL STANDARD 1068), DEWATERING (WDNR TECHNICAL STANDARD 1061), MULCHING (DNR TECHNICAL STANDARD 1058), OR OTHER STANDARD PRACTICES AS NEEDED.
2. STONE TRACKING PADS SHALL BE THE FULL WIDTH OF THE EGRESS POINT, A MINIMUM OF 50- FEET LONG AND 12-INCH DEPTH (3-6 CLEAR STONE). STONE TRACKING PADS SHALL BE PLACED IN LOCATIONS AS REQUIRED. DNR TECHNICAL STANDARD 1057 SHALL BE FOLLOWED FOR THE MAINTENANCE OF THE STONE TRACKING PADS.
3. DISTURBED AREAS SHALL BE UNIFORMLY GRADED PRIOR TO RESTORATION (SEEDING, EROSION MAT PLACEMENT, AND/OR MULCHING).



- NOTES:**
1. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
 2. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENTS EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
 3. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET, ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
 4. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
 5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.
 6. FOR TYPE D, DO NOT INSTALL INLET PROTECTION TYPE D INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. 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.



- NOTES:**
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
 2. WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE, WITH THE ENDS POINTING UPSLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.
 3. CROSS BRACE WITH 2"x4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
 4. MINIMUM 14 GAGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C-C.
 5. EXCAVATE TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 6. WIRE SUPPORT FENCE SHALL BE 14 GAGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C-C.
 7. GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 1/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
 8. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.2 LBS/LINEAR FOOT WITHOUT ANCHORS, OR ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIAMETER, OR 2 1/2" X 3 1/2", EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OAK OR HICKORY.
 9. ALTERNATES A AND B ARE EQUAL AND EITHER MAY BE USED.



EROSION CONTROL MAT INSTALLATION (WDNR TECHNICAL STANDARD 1052)

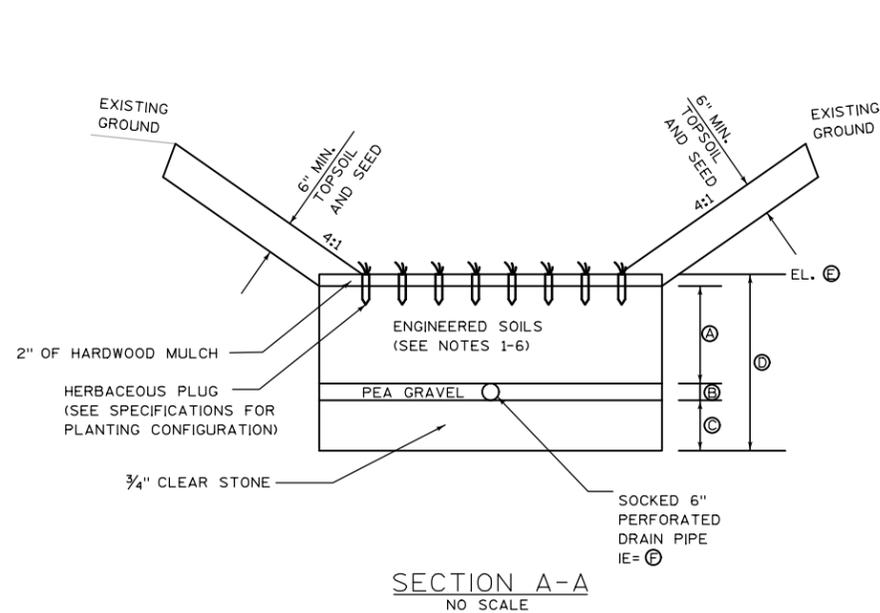
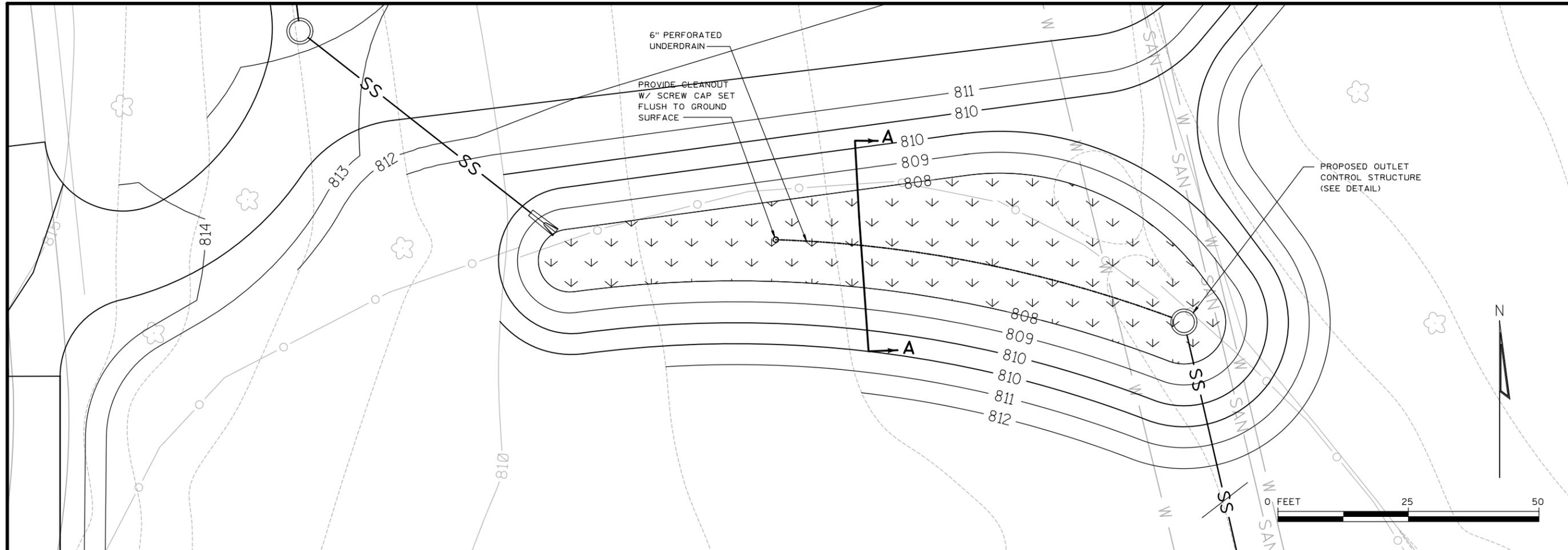
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REVISIONS:	
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EROSION CONTROL DETAILS
 TREYTON'S FIELD OF DREAMS
 CITY OF WHITEWATER
 WALWORTH COUNTY, WISCONSIN

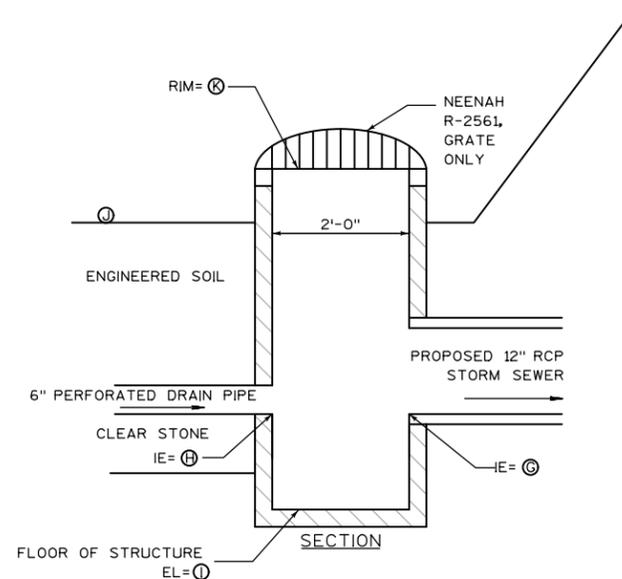
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PROJECT MGR.
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BIORETENTION BASIN TYPICAL SECTION
NO SCALE



OUTLET CONTROL STRUCTURE DETAIL
NO SCALE

ELEVATION/ DIMENSION	NORTH BASIN
ⓐ	2.83'
ⓑ	6"
ⓒ	12"
ⓓ	4.5'
ⓔ	808.00
ⓕ	804.50
ⓖ	804.50
ⓗ	804.50
ⓓ	803.50
ⓙ	808.00
Ⓚ	809.00
DS LENGTH	150'
DS SLOPE	0.35%

ENGINEERED SOIL NOTES

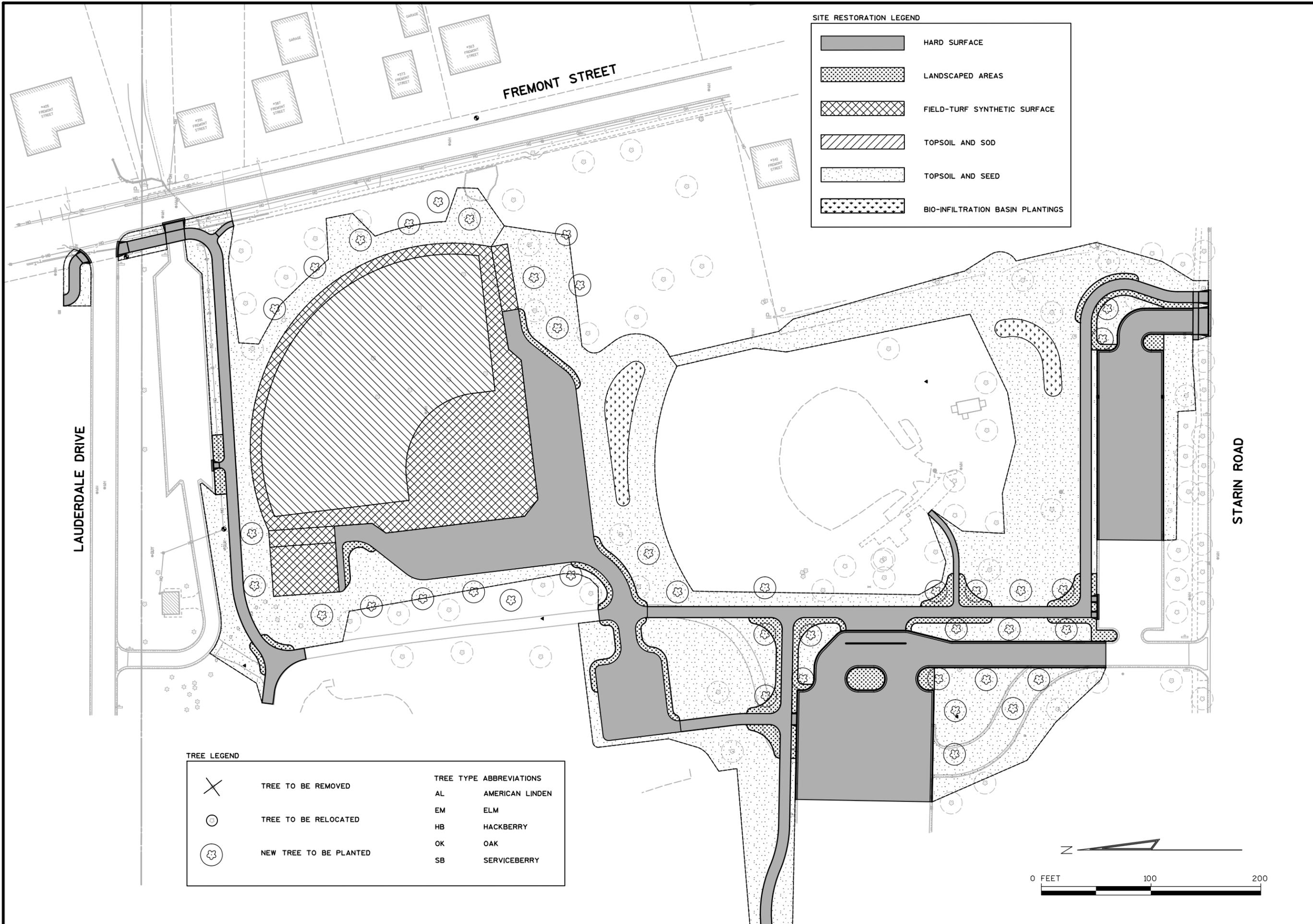
- ENGINEERED SOIL SHALL ONLY BE USED WITHIN THE LIMITS OF THE 739 CONTOUR FOR BASIN 1 WITHIN THE BIORETENTION BASIN.
- ENGINEERED SOIL SHALL BE FREE OF ALL ROCKS, STUMPS, OR BRUSH.
- ENGINEERED SOIL SHALL BE PREPARED ACCORDING TO THE FOLLOWING REQUIREMENTS (BY VOLUME), 40% SAND (UNIVERSAL SOIL CLASSIFICATION TYPE SM OR SP OR SIMILAR INERT EQUIVALENTS), 20% TO 30% NATIVE SOIL, 30% TO 40% COMPOST. NR. 151.12(5)(C)5.1, WIS. ADM. CODE.
- THE SAND SHALL BE COARSE 0.02- TO 0.04-INCH DIAMETER (PASSING 14 TO 28 SIEVES).
- COMPONENT OF NATIVE SOIL USED SHALL BE SANDY LOAM OR LOAMY SAND UNLESS APPROVED BY ENGINEER.
- THE COMPOST COMPONENT SHALL HAVE A 98% PASSING RATE THROUGH THE 0.75-INCH SCREEN; AT LEAST 40% MUST BE ORGANIC, LESS THAN 60% ASH, PH BETWEEN 6-8, MOISTURE CONTENT BETWEEN 35% TO 50%. COMPOST SHALL BE WEATHERED, AGED AND SHALL BE FREE OF AMMONIA AND ORGANIC ACIDS.

PLAN DETAILS
STARIN PARK NORTH - BIORETENTION BASIN
TREYTON'S FIELD OF DREAMS
CITY OF WHITEWATER
WALWORTH COUNTY, WISCONSIN

JOB NO.
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PROJECT MGR.
ZRS



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SITE RESTORATION LEGEND

	HARD SURFACE
	LANDSCAPED AREAS
	FIELD-TURF SYNTHETIC SURFACE
	TOPSOIL AND SOD
	TOPSOIL AND SEED
	BIO-INFILTRATION BASIN PLANTINGS

TREE LEGEND

	TREE TO BE REMOVED	TREE TYPE ABBREVIATIONS
	TREE TO BE RELOCATED	AL AMERICAN LINDEN
	NEW TREE TO BE PLANTED	EM ELM
		HB HACKBERRY
		OK OAK
		SB SERVICEBERRY

NO.	REVISIONS	DATE:

SITE RESTORATION AND LANDSCAPING PLAN
 TREYTON'S FIELD OF DREAMS
 CITY OF WHITEWATER
 WALWORTH COUNTY, WISCONSIN

JOB NO.
1407070
 PROJECT MGR.
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SHEET
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