



DEPT. OF
HIGHWAY &
CONSTRUCTION

1919 Alliant Energy Center Way
Madison, Wisconsin 53713
Office: 608/266-4018 ♦ Fax: 608/267-1533
Public Works Engineering Division
Public Works Solid Waste Division

ADDENDUM

Thursday, April 21, 2016,

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

RFB NO. 315022 - ADDENDUM NO. 1

BADGER PRAIRIE HEALTH CARE CENTER – REGRADING AND PRAIRIE RESTORATION

BIDS DUE: TUESDAY, MAY 3, 2016, 2:00 PM. DUE DATE AND TIME ARE NOT CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Bid Form

Replace previous Bid Form with the Attached Bid Form (BF-1 through BF-4), issued with this Addendum.

Explanation: Additional Unit Prices (Unit Price No. 3) were added to the Bid Form.

2. Grading and Erosion Control Plan (Addendum No. 1)

Replace previous Sheet 2A – Grading and Erosion Control Plan with attached Sheet 2 – Grading and Erosion Plan, issued with this Addendum (Addendum No. 1).

3. Restoration Plan (Addendum No. 1)

Replace previous Sheet 2 – Restoration Plan with attached Sheet 3 – Restoration Plan , issued with this Addendum (Addendum No. 1)

4. Details (Addendum No. 1)

Replace previous Sheet 5 – Details with attached Sheet 4 - Details, issued with this Addendum (Addendum No. 1)

5. Exhibit A (For Reference)

Reference Drawing for Paving and Roadwork associated with CFS loading dock area adjacent to project areas. Referenced on clouded area on Sheet 2 – Grading and Erosion Control Plan (Addendum No. 1)

6. Bidders Site Tour List

Sign-In Sheet for Pre-Bid Site Tour held on April 14, 2016.

If any additional information about this Addendum is needed, please call Eric Urtes, AIA – Project Manager at 608/266-4798, urtes.eric@countyofdane.com or Ryan Shore, CPESC at 608/266-4475, shore@countyofdane.com.

Sincerely,

Eric Urtes, AIA
Project Manager

Enclosures:

Bid Form – AddendumNo. 1
Sheet 2 – Grading and Erosion Control Plan (Addendum No. 1)
Sheet 4 – Restoration Plan (Addendum No. 1)
Sheet 5 – Details (AddendumNo. 1)
Exhibit A
Bidders Site Tour List

Name of Bidding Firm: _____

BID FORM

BID NO. 315022 (REBID)

**PROJECT: BADGER PRAIRIE HEALTH CARE CENTER – REGRADING AND PRAIRIE RESTORATION
1100 EAST VERONA AVE.
CITY OF VERONA, WISCONSIN**

**TO: DANE COUNTY DEPARTMENT OF PUBLIC WORKS, HIGHWAY & TRANSPORTATION PROJECT MANAGER
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713**

NOTE: WISCONSIN STATUTE 77.54 (9M) ALLOWS FOR NO SALES & USE TAX ON THE PURCHASE OF MATERIALS FOR COUNTY PUBLIC WORKS PROJECTS.

BASE BID - LUMP SUM:

Dane County is inviting Bids for soil regrading of existing swales / detention ponds and prairie restoration work (which will include a one year management plan to be re-negotiated with the selected Contractor on a year-by-year basis for another two years) at the Badger Prairie Health Care Center in Verona. Only firms with capabilities, experience & expertise with similar projects should obtain this packet & submit Bids.

The undersigned, having examined the site where the Work is to be executed and having become familiar with local conditions affecting the cost of the Work and having carefully examined the Drawings and Specifications, all other Construction Documents and Addenda thereto prepared by Dane County Department of Public Works, Highway & Transportation hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the entire Work, as specified in the Construction Documents, for the Base Bid stipulated sum of:

_____ and _____/100 Dollars
Written Price

\$ _____
Numeric Price

LUMP SUM ALLOWANCE FOR:

Interpretive Signage for Prairie Restoration along roadway. Include this lump sum allowance of four thousand dollars (\$4000) in the Base Bid). The allowance will be used for interpretive signs for public education of prairie restoration practices (including prairie burns) and information about volunteering for prairie seed harvesting with the Dane County Parks Department.

Four Thousand _____ and _____00/100 Dollars
Written Price

\$4,000 _____

UNIT PRICE 1: REMOVAL & REPLACEMENT OF UNSUITABLE SOIL

Add price for the removal of unsuitable soil (quantity and necessity to be confirmed by Engineer) encountered during grading or restoration that is determined not to be capable of sustaining prairie plantings. Removed soil is to be replaced by soil with a chemistry capable of establishing prairie. Unsuitable Soil Removal & Replacement with soil (approved by Project Manager).

• 500 cu. yds or less: @ \$ _____/cu. yd.

_____ and _____ /100 Dollars
Written Price

• 500 cu. yds or greater: @ \$ _____/cu. yd.

_____ and _____ /100 Dollars
Written Price

UNIT PRICE 2: ADDITIONAL TYPE B NATIVE VEGETATED MAT

Add price for additional Type B Native Vegetated Mat required beyond the 0.35 acres to be included in Base Bid.

@ \$ _____/sq. yd.

_____ and _____ /100 Dollars
Written Price

UNIT PRICE 3 : REMOVAL OF GRAVEL IN AREA ADJACENT TO BARN

Add price for the removal and relocation to gravel pile in nearby on-site compost area of gravel beyond the 1,400 C.Y. included in the Construction Documents (quantity and necessity to be confirmed by Engineer).

• 100 cu. yds or less: @ \$ _____/cu. yd.

_____ and _____ /100 Dollars
Written Price

• 100 cu. yds or greater: @ \$ _____/cu. yd.

_____ and _____ /100 Dollars
Written Price

Receipt of the following addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No(s). _____ through _____

Dated _____

Dane County, Badger Prairie Health Care Center must have this project completed October 7, 2016. Assuming this Work can be started by June 14, 2016 what dates can you commence and complete this job?

Commencement Date: _____ Completion Date: _____
(final, not substantial)

I hereby certify that all statements herein are made on behalf of:

(Name of Corporation, Partnership or Person submitting Bid)

Select one of the following:

1. A corporation organized and existing under the laws of the State of _____, or

2. A partnership consisting of _____, or

3. A person conducting business as _____;

Of the City, Village, or Town of _____ of the State of _____.

I have examined and carefully prepared this Bid from the associated Construction Documents and have checked the same in detail before submitting this Bid; that I have full authority to make such statements and submit this Bid in (its) (their) (my) behalf; and that the said statements are true and correct. In signing this Bid, we also certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a Bid; that this Bid has been independently arrived at without collusion with any other bidder, competitor, or potential competitor; that this Bid has not been knowingly disclosed prior to the Bids Due Date to another bidder or competitor; that the above statement is accurate under penalty of perjury.

The undersigned further agrees to honor the Base Bid and the Alternate Bid(s) for sixty (60) calendar days from date of Award of Contract.

SIGNATURE: _____
(Bid is invalid without signature)

Print Name: _____ Date: _____

Title: _____

Address: _____

Telephone No.: _____ Fax No.: _____

Email Address: _____

Contact Person: _____

THIS PAGE IS FOR BIDDERS' REFERENCE AND NEED NOT BE SUBMITTED WITH BID FORM.

BID CHECK LIST:

These items **must** be included with Bid:

- Bid Form Bid Bond Fair Labor Practices Certification
 Project Experience / Reference Summary (See ITB - 4. Qualifications of Bidder)

BIDDERS SHOULD BE AWARE OF THE FOLLOWING:

DANE COUNTY VENDOR REGISTRATION PROGRAM

Any person bidding on any County contract must be registered with the Dane County Purchasing Division & pay an annual registration fee. A contract will not be awarded to an unregistered vendor. Obtain a *Vendor Registration Form* by calling 608/266-4131 or complete a new form or renewal online at:

www.danepurchasing.com/registration

DANE COUNTY BEST VALUE CONTRACTING PRE-QUALIFICATION

Contractors must be pre-qualified as a Best Value Contractor with the Dane County Public Works Engineering Division before the award of contract. Obtain a *Best Value Contracting Application* by calling 608/266-4018 or complete one online at:

www.countyofdane.com/pwht/BVC_Application.aspx

EQUAL BENEFITS REQUIREMENT

By submitting a Bid, the contractor acknowledges that a condition of this contract is to provide equal benefits as required by Dane County Code of Ordinances Chapter 25.016. Contractor shall provide equal benefits as required by that Ordinance to all required employees during the term of the contract. Equal Benefits Compliance Payment Certification shall be submitted with final pay request. For more information:

www.danepurchasing.com/partner_benefit.aspx

LEGEND

- 975 --- EXISTING GRADE (5' CONTOUR)
- 965 --- EXISTING GRADE (1' CONTOUR)
- 965 --- PROPOSED GRADE (5' CONTOUR)
- 965 --- PROPOSED GRADE (1' CONTOUR)
- --- PROPERTY LINE
- --- EXISTING PAVED ROAD
- --- EXISTING UNPAVED ROAD
- --- EXISTING FIRE ACCESS ROAD
- --- EXISTING CULVERT/STORM SEWER
- --- EXISTING FIELD INLET
- --- EXISTING PERFORATED BIOTENTION BASIN UNDERDRAIN PIPING
- --- EXISTING NON-PERFORATED BIOTENTION BASIN UNDERDRAIN PIPING
- --- EXISTING SANITARY SEWER
- --- EXISTING GAS
- --- EXISTING ELECTRIC
- --- EXISTING TELEPHONE
- --- EXISTING WATER
- --- EXISTING MANHOLE
- --- EXISTING WATER VALVE
- --- EXISTING LIGHT POLE
- --- EXISTING HYDRANT
- --- EXISTING ELECTRICAL JUNCTION BOX (APPROXIMATE)
- --- EXISTING LANDFILL MONITORING WELL (APPROXIMATE)
- --- EXISTING TRANSFORMER (APPROXIMATE)
- --- EXISTING FENCE
- --- PROPOSED OUTLET PROTECTION (PERMANENT)
- --- PROPOSED SEDIMENT LOG (TEMPORARY)
- --- PROPOSED STONE WEEPER/SEDIMENT TRAP (PERMANENT AND TEMPORARY, AS NOTED)
- --- PROPOSED EROSION MAT (PERMANENT)
- --- PROPOSED INLET PROTECTION (TEMPORARY) (SEE EROSION CONTROL NOTE 13)
- --- PROPOSED SILT FENCE (TEMPORARY)
- --- PROPOSED SPOT ELEVATION
- --- PROPOSED GRAVEL PAD

- EROSION CONTROL NOTES:**
- EROSION CONTROLS SHALL BE INSTALLED PRIOR TO GRADING ACTIVITIES AND SHALL BE PROPERLY MAINTAINED THROUGHOUT CONSTRUCTION UNTIL VEGETATION IS ESTABLISHED. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR DURING CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER.
 - ALL EROSION CONTROL MEASURES AND STORM WATER STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY AND WITHIN 24 HOURS OF A 0.5 INCH OR GREATER RAINFALL. NECESSARY MAINTENANCE AND REPAIRS SHALL BE PERFORMED WITHIN 24 HOURS OF THE INSPECTION.
 - EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED PRECAUTIONS.
 - SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY.
 - SITE STABILIZATION AND RESTORATION SHALL BE IN ACCORDANCE WITH "BADGER PRAIRIE STORM WATER FACILITY INSTALLATION SPECIFICATION AND THREE YEAR MANAGEMENT PLAN".
 - A ROW OF SILT FENCE SHALL BE PLACED DOWNSLOPE AND AT LEAST 10 FEET AWAY FROM ANY STOCKPILE. SOIL STOCKPILES THAT ARE INACTIVE FOR MORE THAN 7 CONSECUTIVE DAYS SHALL BE STABILIZED WITH SEED AND MULCH, EROSION MAT, POLYMER, OR COVERED WITH TARP OR SIMILAR MATERIAL TO PREVENT OR REDUCE THE DISCHARGE OF SEDIMENT ERODING FROM THE STOCKPILE.
 - TEMPORARY STABILIZATION MEASURES SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. TEMPORARY STABILIZATION MAY INCLUDE TEMPORARY SEEDING, MULCHING, OR WISDOT TYPE B SOIL STABILIZERS. TEMPORARY SEED SHALL BE IN ACCORDANCE WITH "BADGER PRAIRIE STORM WATER FACILITY INSTALLATION SPECIFICATION AND THREE YEAR MANAGEMENT PLAN".
 - ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM 4 INCHES OF SALVAGED TOPSOIL/TOPSOIL, SEED, FERTILIZER, AND MULCH. RESTORATION SHALL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. PREVIOUS AREAS SHALL BE SEEDING IN ACCORDANCE WITH "BADGER PRAIRIE STORM WATER FACILITY INSTALLATION SPECIFICATION AND THREE YEAR MANAGEMENT PLAN".
 - INSTALL EROSION MAT (CLASS I, TYPE B) ON ALL SLOPES 3H:1V OR GREATER. SEE DETAIL (4) WHERE VEGETATIVE MAT IS INSTALLED FOR FINAL RESTORATION AN ADDITIONAL, SEPARATE LAYER OF EROSION MAT IS NOT REQUIRED.
 - REMOVE AND SALVAGE EXISTING RIPRAP AT PROPOSED OUTLET PROTECTION LOCATIONS SHOWN. PLACE GEOTEXTILE AND SALVAGED/NEW RIPRAP IN ACCORDANCE WITH DETAIL (4).
 - REMOVE TEMPORARY EROSION CONTROLS UPON COMPLETION OF SITE STABILIZATION AS DIRECTED BY ENGINEER OR OWNER.
 - CONSTRUCT/REPAIR BIOTENTION BASINS AS NOTED ONCE CONTRIBUTING DRAINAGE AREA IS STABILIZED.
 - INLET PROTECTION TO CONFORM WITH WISCONSIN DEPARTMENT OF TRANSPORTATION TYPE A PROTECTION.

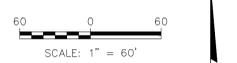
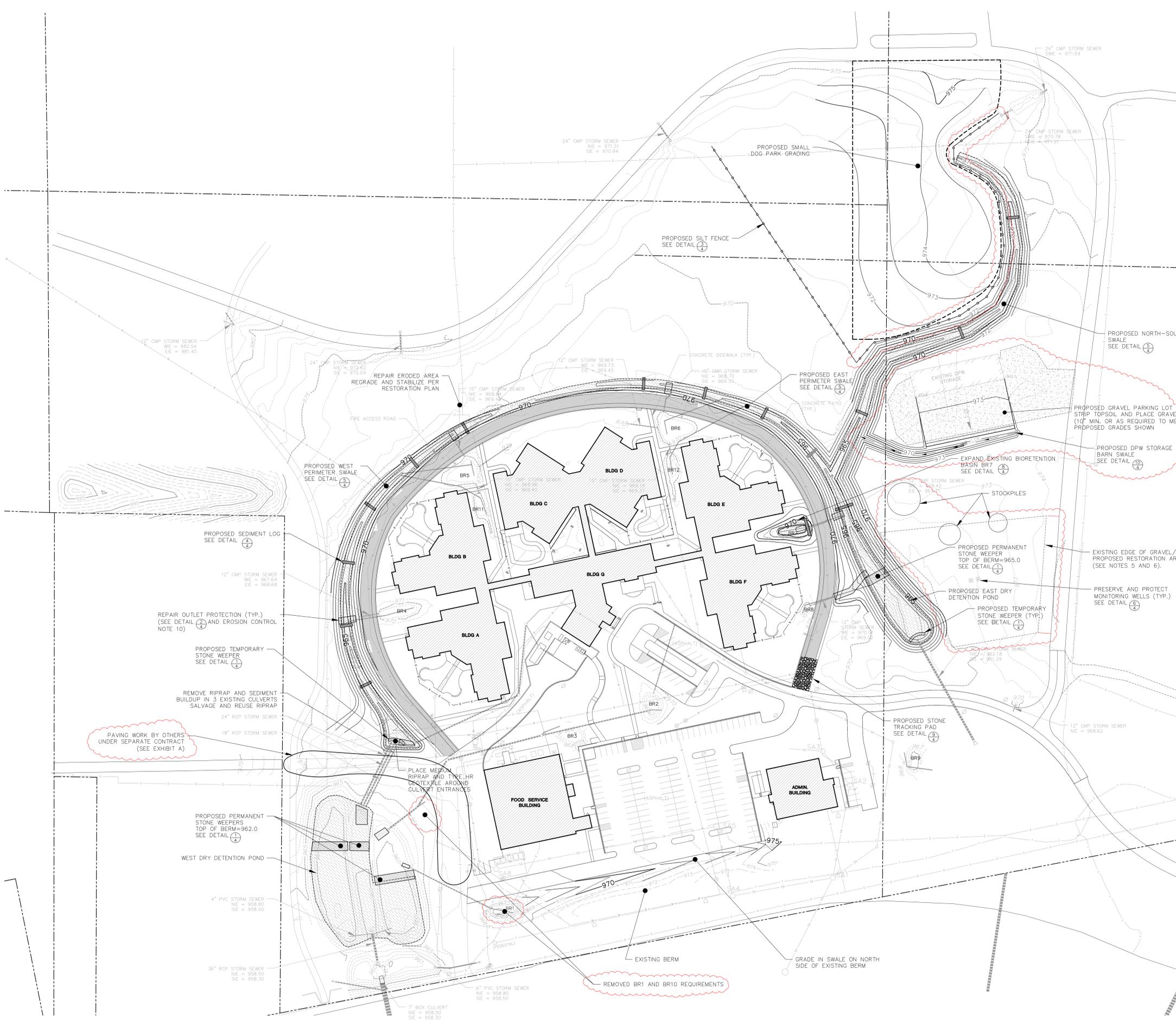
- NOTES:**
- EXISTING TOPOGRAPHY BASED ON SITE SURVEYS PERFORMED BY DANE COUNTY ON JUNE 12, 2013 (PERIMETER SWALE, GEOTHERMAL BERM, AND SOUTH OF FOOD SERVICE/ADMIN. BUILDING PARKING LOT), AND BY SCS ENGINEERS ON OCTOBER 26, 2011 (BR4, BR7, AND WEST DRY DETENTION BASIN) AND NOVEMBER 13, 14, AND 20, 2013 (REMAINING AREAS).
 - BUILDING, PARKING LOT, SIDEWALK AND ROAD LAYOUT FROM BT₁, INC. EROSION CONTROL PLAN "DRAWING C4, DATED OCTOBER 16, 2012."
 - UTILITIES OBTAINED FROM BT₁, INC. UTILITIES PLAN DRAWING, DATED JULY 20, 2012, WITH MODIFICATIONS PROVIDED BY DANE COUNTY.
 - THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. CONTRACTOR IS REQUIRED TO VERIFY SITE CONDITIONS AND SUBSURFACE UTILITIES PRIOR TO STARTING WORK. PRIVATE UTILITY LOCATORS OTHER THAN DIGGERS HOTLINE MAY BE REQUIRED PER CONTRACT DOCUMENTS.
 - OWNER WILL REMOVE JERSEY BARRIERS AND MISCELLANEOUS CONCRETE PIECES IN THE PROPOSED RESTORATION AREA. CONTRACTOR SHALL REUSE OR REMOVE, AND PROPERLY DISPOSE OFF-SITE ALL REMAINING SOIL, STOCKPILES, VEGETATION AND OTHER MISCELLANEOUS ITEMS REMAINING.
 - RESTORATION WITHIN LIMITS OF EXISTING GRAVEL SOUTH OF DPW STORAGE BUILDING INCLUDES REMOVING 1-FOOT OF GRAVEL (APPROXIMATELY 1,400 CY), BACKFILLING WITH 8-INCHES OF GENERAL FILL AND 4-INCHES OF TOPSOIL TO REESTABLISH EXISTING GRADES. SEED AS INDICATED ON RESTORATION PLAN. REMOVED GRAVEL MAY BE REUSED FOR PROPOSED GRAVEL PAD AT DPW STORAGE BUILDING AND/OR DISPOSED AS DIRECTED BY OWNER AT ADJACENT COMPOST FACILITY.

- CONSTRUCTION SEQUENCE NOTES:**
- INSTALL EROSION CONTROLS PRIOR TO THE START OF CONSTRUCTION.
 - RESTORE AND STABILIZE THE PROPOSED RESTORATION AREA SOUTH OF THE EXISTING DPW STORAGE BARN BEFORE PERFORMING PERIMETER SWALE AND EAST DETENTION BASIN CONSTRUCTION.

DIGGERS HOTLINE

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

TOLL FREE: (800) 242-8511
 TDD: (800) 542-2289
 ONLINE: WWW.DIGGERSHOTLINE.COM



DIGGERS HOTLINE

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

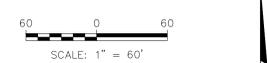
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- LEGEND**
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 - --- PROPOSED SEDIMENT LOG (TEMPORARY)
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 - --- PROPOSED EROSION MAT (PERMANENT)
 - --- PROPOSED SILT FENCE (TEMPORARY)

- RESTORATION PLAN LEGEND**
- PERIMETER SWALE - 2.92 ACRES
 - EXISTING STORM WATER BASIN - 1.81 ACRES
 - RAIN GARDENS - 0.02 ACRE
 - NATIVE SEED PRAIRIE RESTORATION AREA - 6.48 ACRES
 - PERIPHERAL MANAGEMENT AREA - 2.09 ACRES
 - COOL SEASON GRASS - 2.34 ACRES
 - TURF GRASS - 0.16 ACRE
 - NATIVE VEGETATED MAT - 0.35 ACRE
 - 4' BIKE TRAIL, ROADSIDE MOWED TURF BUFFER - 0.15 ACRE
 - COOL SEASON GRASS - MAINTENANCE ONLY - 1.44 ACRES

- NOTES:**
- EXISTING TOPOGRAPHY BASED ON SITE SURVEYS PERFORMED BY DANE COUNTY ON JUNE 12, 2013 (PERIMETER SWALE, GEOTHERMAL BERM, AND SOUTH OF FOOD SERVICE/ADMIN. BUILDING PARKING LOT), AND BY SCS ENGINEERS ON OCTOBER 26, 2011 (BR4, BR7, AND WEST DRY DETENTION BASIN) AND NOVEMBER 13, 14, AND 20, 2013 (REMAINING AREAS).
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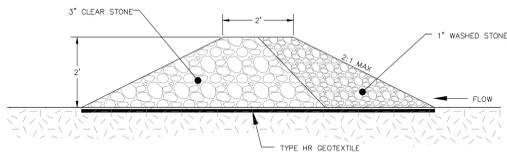


DIGGERS HOTLINE

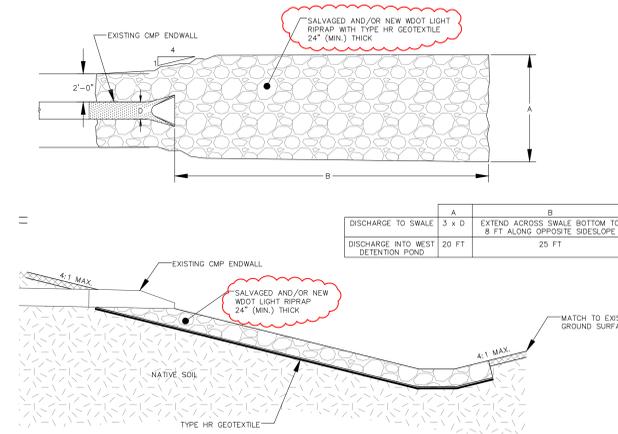
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

TOLL FREE: (800) 242-8511
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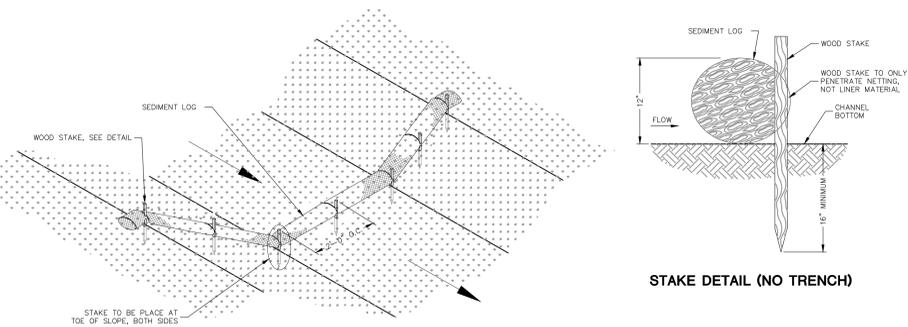
PROJECT NO.	25212311.00	DRAWN BY:	JB/PJ/PM	DATE	04/27/16
DRAWN:	07/22/14	CHECKED BY:	BP	TITLE	BID SET ADDENDUM NO. 1
REVISED:	04/27/16	APPROVED BY:		SHEET	3
			SITE		
			BADGER PRAIRIE HEALTH CARE CENTER		
			DANE COUNTY PUBLIC WORKS		
			DANE COUNTY PLANNING AND ZONING DEPARTMENT		
			MADISON, WISCONSIN		
			ENGINEER		
			SCS ENGINEERS		
			2830 DARY DRIVE, MADISON, WI 53718-8201		
			PHONE: (608) 224-2850		



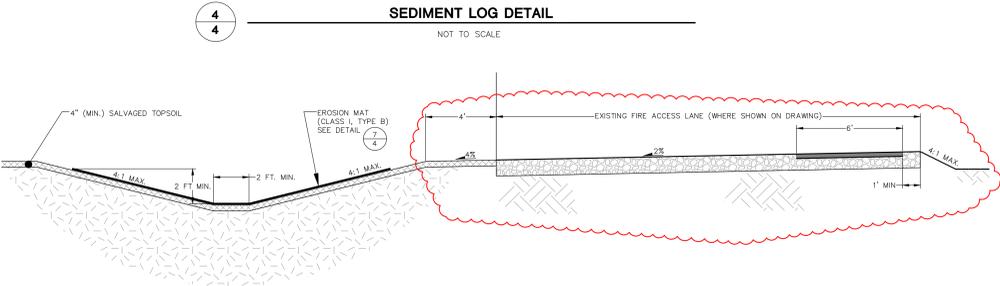
1
4 **STONE WEEPER**
1" = 2 FT



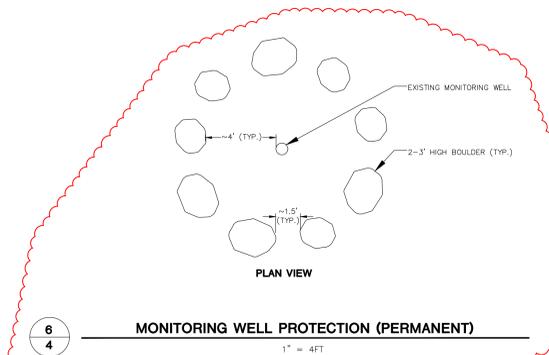
2
4 **RIPRAP OUTLET PROTECTION**
(NOT TO SCALE)



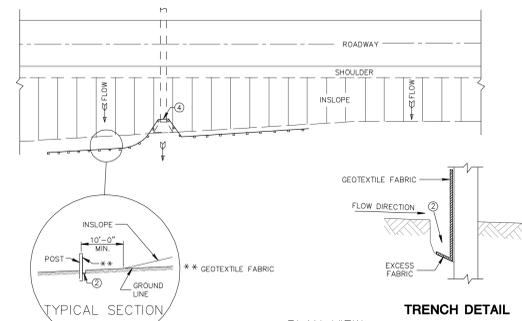
STAKE DETAIL (NO TRENCH)



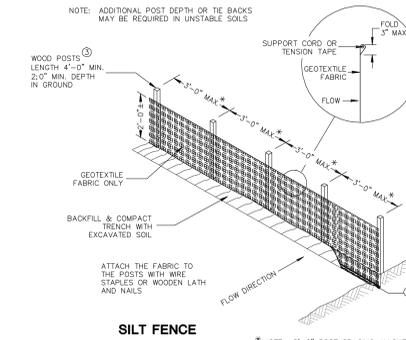
5
4 **PERIMETER SWALE (TYP.)**
1" = 4 FT



6
4 **MONITORING WELL PROTECTION (PERMANENT)**
1" = 4 FT



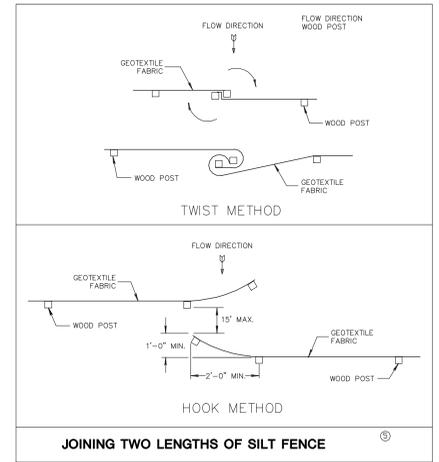
TYPICAL APPLICATION OF SILT FENCE



SILT FENCE

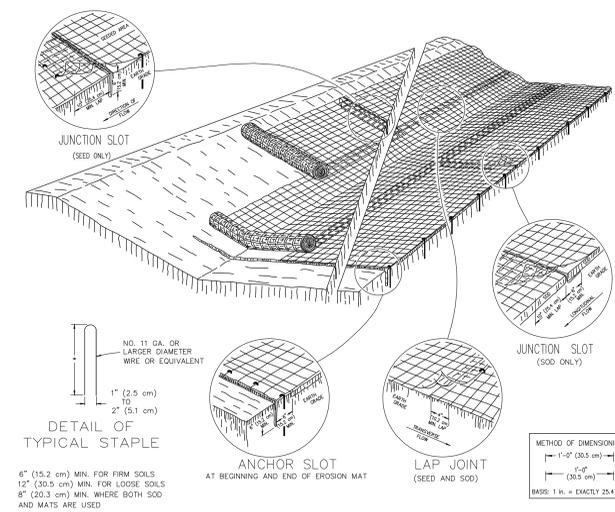
3
4 **SILT FENCE DETAIL**
(NOT TO SCALE)

GENERAL NOTES:
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
① HORIZONTAL BRACE REQUIRED WITH 2" x 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1" x 1" OF OAK OR HICKORY.
④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST OR ROTATE, AT LEAST 180 DEGREES; B) HOOK THE END OF EACH SILT FENCE LENGTH.
⑥ PLACE JERSEY BARRIERS OR EQUIVALENT BEHIND (DOWNSLOPE SIDE) SILT FENCE AS NEEDED TO PROVIDE ADDITIONAL STABILITY.



JOINING TWO LENGTHS OF SILT FENCE

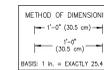
EROSION MAT NOTES:
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.
VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERTINENT IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND 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 FEET (1.219 m) APART.
EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.
EROSION MAT WILL BE MEASURED AND PAID FOR IN ACCORDANCE WITH THE SPECIFICATIONS.
EROSION MAT OVER SEEDING
JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET (30.48 m) ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET (15.24 m) ON GRADES EXCEEDING 3 PERCENT.



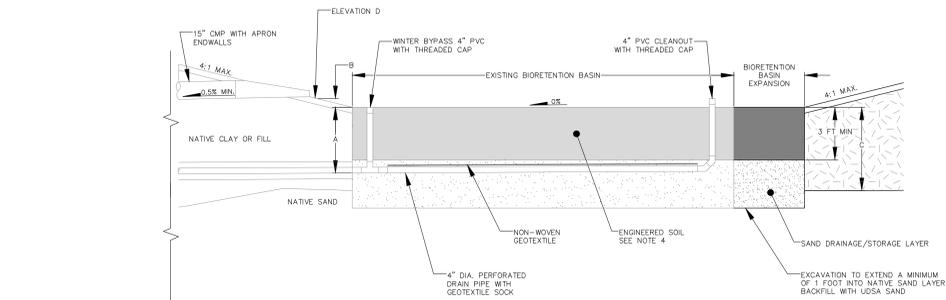
DETAIL OF TYPICAL STAPLE

NO. 11 GA. OR LARGER DIAMETER WIRE OR EQUIVALENT
1" (2.5 cm) TO 2" (5.1 cm)
6" (15.2 cm) MIN. FOR FIRM SOILS
12" (30.5 cm) MIN. FOR LOOSE SOILS
8" (20.3 cm) MIN. WHERE BOTH SOD AND MATS ARE USED

7
4 **EROSION MAT DETAIL**
(NOT TO SCALE)



METHOD OF DIMENSIONING



RAINGARDEN	A	B	C	D	PLANTING AREA (SQ. FT.)	APPROXIMATE LENGTH (FT.)	APPROXIMATE WIDTH (FT.)
BR7	7.7	3.5	0.5	368.6	500	10	10

EXPAND BR7 TO MEET PLANTING AREA. EXISTING PLANTING AREA IS APPROXIMATELY 350 SQUARE FEET.

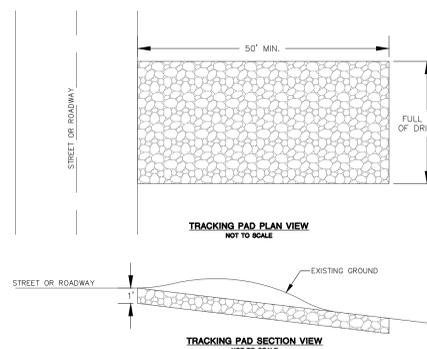
8
4 **BR7 BIORETENTION DETAIL**
NOT TO SCALE

BIORETENTION BASIN NOTES

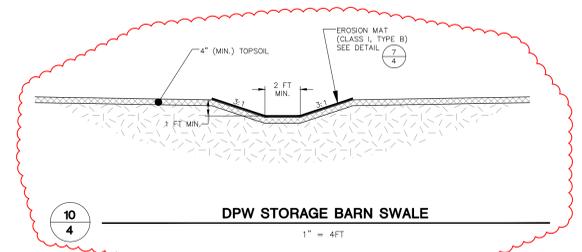
RAIN GARDEN AND BIORETENTION PLANTING PLAN SPECIES

- ANDROPOGON GERARDI (BIG BLUESTEM)
- SORGHASTRUM NUTANS (INDIAN GRASS)
- SULPHUR LACINATUM (COMPASS PLANT)
- RUDBECKIA HIRTA (BLACK-EYED SUSAN)
- EDHNAEA PURPUREA (PURPLE CONFLOWER)
- EUPATORIUM MACULATUM (ACE PINE WEED)

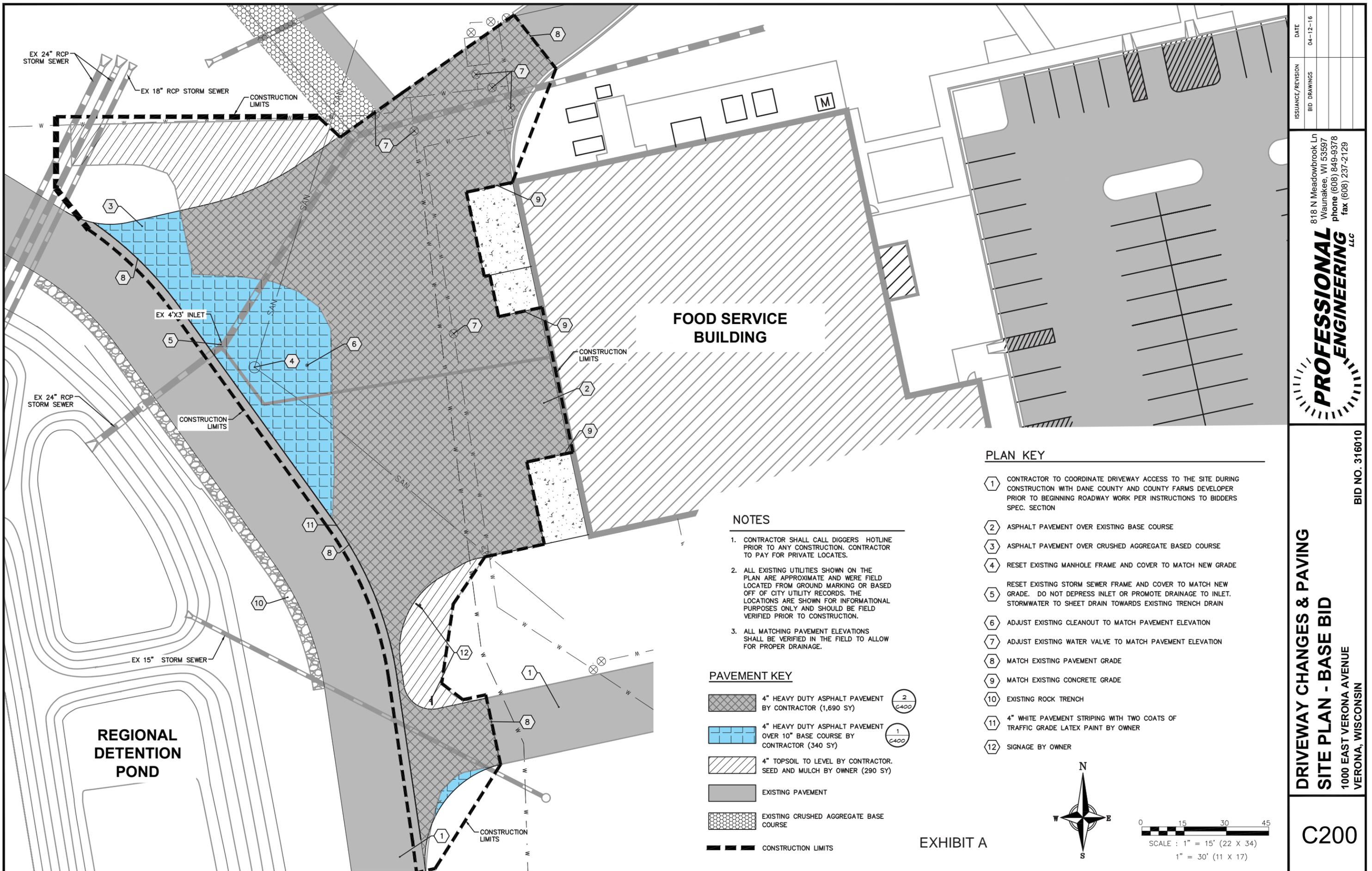
- NOTES:**
- PLUG SIZE PLANTS REQUIRED IN RAIN GARDENS AND BIORETENTION BASINS.
 - PLANTING DENSITY SHALL BE 1 PLANT PER SQUARE FOOT.
 - SURFACE MULCH LAYER SHALL CONSIST OF SHREDDED HARDWOOD MULCH OR CHIPS, AGED A MINIMUM OF 12 MONTHS, SHALL BE PLACED AT THE SURFACE OF THE RAIN GARDEN OR BIORETENTION AREA. THE MULCH SHALL BE 2 TO 3 INCHES IN DEPTH AND FREE OF FOREIGN MATERIAL, INCLUDING OTHER PLANT MATERIAL.
 - ENGINEERED SOIL SHALL COMPLY WITH WNR TECHNICAL STANDARD 1004.
 - CONSTRUCTION OF BIORETENTION BASINS SHALL BE IN ACCORDANCE WITH WNR TECHNICAL STANDARD 1004.



9
4 **STONE TRACKING PAD DETAIL**
NOT TO SCALE



10
4 **DPW STORAGE BARN SWALE**
1" = 4 FT



ISSUANCE/REVISION	DATE
BID DRAWINGS	04-12-16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**DRIVEWAY CHANGES & PAVING
 SITE PLAN - BASE BID**

1000 EAST VERONA AVENUE
 VERONA, WISCONSIN

BID NO. 316010

C200

NOTES

- CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO PAY FOR PRIVATE LOCATES.
- ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF CITY UTILITY RECORDS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- ALL MATCHING PAVEMENT ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.

PAVEMENT KEY

- 4" HEAVY DUTY ASPHALT PAVEMENT BY CONTRACTOR (1,690 SY) 2
C400
- 4" HEAVY DUTY ASPHALT PAVEMENT OVER 10" BASE COURSE BY CONTRACTOR (340 SY) 1
C400
- 4" TOPSOIL TO LEVEL BY CONTRACTOR. SEED AND MULCH BY OWNER (290 SY)
- EXISTING PAVEMENT
- EXISTING CRUSHED AGGREGATE BASE COURSE
- CONSTRUCTION LIMITS

PLAN KEY

- 1 CONTRACTOR TO COORDINATE DRIVEWAY ACCESS TO THE SITE DURING CONSTRUCTION WITH DANE COUNTY AND COUNTY FARMS DEVELOPER PRIOR TO BEGINNING ROADWAY WORK PER INSTRUCTIONS TO BIDDERS SPEC. SECTION
- 2 ASPHALT PAVEMENT OVER EXISTING BASE COURSE
- 3 ASPHALT PAVEMENT OVER CRUSHED AGGREGATE BASED COURSE
- 4 RESET EXISTING MANHOLE FRAME AND COVER TO MATCH NEW GRADE
- 5 RESET EXISTING STORM SEWER FRAME AND COVER TO MATCH NEW GRADE. DO NOT DEPRESS INLET OR PROMOTE DRAINAGE TO INLET. STORMWATER TO SHEET DRAIN TOWARDS EXISTING TRENCH DRAIN
- 6 ADJUST EXISTING CLEANOUT TO MATCH PAVEMENT ELEVATION
- 7 ADJUST EXISTING WATER VALVE TO MATCH PAVEMENT ELEVATION
- 8 MATCH EXISTING PAVEMENT GRADE
- 9 MATCH EXISTING CONCRETE GRADE
- 10 EXISTING ROCK TRENCH
- 11 4" WHITE PAVEMENT STRIPING WITH TWO COATS OF TRAFFIC GRADE LATEX PAINT BY OWNER
- 12 SIGNAGE BY OWNER

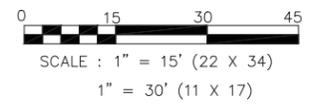


EXHIBIT A

Badger Prairie Health Care Center – Regrading and Prairie Restoration (ReBid)
Thursday, April 14, 2016 @ 1PM

Name	Company	Phone No/E-Mail
Steve Hjort	Eco-Resource Consulting, Inc	608 877 9372 shjort@eco-resource.net
Jeff Voegeli	Jeff Voegeli Landscaping	608 325-9662 Sodman 11@yahoo.com
Betsy Powers	SCS Engineers	608-216-7349 bpowers@scsengineers.com
Bill Protzman	Badger Prairie	protzman, bill p. protzman @countyofdane.com
Steve Banovetz	Field & Stream Restorations	Steveb@fs-Restorations.com
JAY SETTERSTEN	SETTERTECH	608 712-6302 JAY@SETTERTECH.COM
Josh Labinto	AES	608-214-2355 josh@appliedeco.com
Jan Prazak	Dane CO	
Jeremy Balousek	Dane County Land & Water Resources	608.224.3747 balousek@countyofdane.com