VILLAGE OF WINDSOR
BOARD RESOLUTION 2018-84

APPROVING CHANGE ORDER #1 FOR THE WINDOSR COMMUNITY PARK IN BEAR TREE SUBDIVISION

WHEREAS, the Village of Windsor has contracted with Advanced Building Corporation to complete the construction of Windsor Community Park in Bear Tree Subdivision; and

WHEREAS, Dane County, in the review and permitting of erosion control for the site, required the addition of an earthen berm and sump and temporary cover treatment, as needed; and

WHEREAS, Advanced Building Corporation has provided a Request for Change Order #1 Revised (and supplemental materials), of $4,200 to cover the additional erosion control measures required by Dane County, attached hereto as Exhibit A; and

WHEREAS, temporary cover treatment, polymer/mulch may or may not be needed depending on stage of construction Advanced Building Corporation is at with site restoration prior to winter; and

WHEREAS, the Advanced Building Corporation Request for Change Order #1Revised, includes the temporary cover treatment of polymer/mulch at a rate of $0.15/SY if required upon the written directive of the Village's General Contractor, Bruce Hollar; and

WHEREAS, the Village's General Contractor, Bruce Hollar of D'Onofrio Kottke and Associates has reviewed the Advanced Building Corporation Change Order #1 Revised and has deemed it acceptable and necessary;

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Windsor that the Advanced Building Corporation Change Order #1 Revised is hereby approved and the Village President and Staff are authorized to execute same for the following services:

1. Earthen berm and sump, $4,200.
2. Temporary cover treatment of polymer/mulch at a unit price of $0.15/SY as needed, upon the written directive of Bruce Hollar, Village General Contractor, and paid only for the amount actually placed.

The above and foregoing resolution was duly adopted by the Village Board of the Village of Windsor, Dane County, Wisconsin at a meeting held on the September 20, 2018, by a vote of 4 in favor, and 0 opposed.

Signatures appear on next page.

VILLAGE OF WINDSOR

Robert E. Wipperfurth

Robert E. Wipperfurth, President

Attested by:

Christine Capstran

Christine Capstran, Clerk

INCORPORATED BY REFERENCE:

Exhibit A: Advanced Building Corporation Request for Change Order #1 Revised and Supplemental Documentation

ADVANCED BUILDING CORPORATION
3624 PIONEER ROAD
VERONA, WI 53593
PHONE: 608.833.0900

REQUEST FOR CHANGE ORDER #1 Revised

To:	**Village of Windsor** **4084 Mueller Road** **DeForest, WI 53532**	**Date:**	**9/10/2018**	**Bear Tree Park**
		Re:	**Cost to provide additional erosion control measures**	
Attn:	**Tina Butteris**	**Mailed Via**	**Email**	

We are requesting a Change Order be issued to our contract for the following work:

Added work:

- Erosion control permit supplemental material correspondence date 8/24/2018 (See enclosed)
- Parisi proposed EWR01 dated 8/23/2018 (Earthen Berms Only) $ 4,000.00
- OH & P per article 12-5% $ 200.00

Total cost proposal for work as described above $ 4,200.00

Note: Mulch identified in referenced proposal will be applied at a rate of $0.15/SY if required. Bruce Hollar will issue a field directive to provide the mulch if it is necessary and will verify the area.

Respectfully Submitted,

Gary Tree
Vice President
Advanced Building Corporation
3624 Pioneer Rd.
Verona, WI 53593-9706
O| 608.833.0900
F| 608.833.8483
C| 608.2092352
E| gary@abcmadison.com

ADVANCED BUILDING CORPORATION
3624 PIONEER ROAD
VERONA, WI 53593
PHONE: 608.833.0900

REQUEST FOR CHANGE ORDER #1

To:	**Village of Windsor** **4084 Mueller Road** **DeForest, WI 53532**	**Date:**	**8/28/2018**	**Bear Tree Park**
		Re:	**Cost to provide additional erosion control measures**	
Attn:	**Tina Batteris**	**Mailed Via**	**Email**	

We are requesting a Change Order be issued to our contract for the following work:

Added work:

- Erosion control permit supplemental material correspondence date 8/24/2018 (See enclosed)
- Parisi proposed EWR01 dated 8/23/2018 $16,500.00
- OH & P per article 12-5% $ 465.00

Total cost proposal for work as described above $ 17,325.00

Respectfully Submitted,

Gary Tree
Vice President
Advanced Building Corporation
3624 Pioneer Rd.
Verona, WI 53593-9706
O| 608.833.0900
F| 608.833.8483
C| 608.2092352
E| gary@abcmadison.com

PARISI CONSTRUCTION CO. INC
508 South Nine Mound Road Verona, WI 53593
Phone: 608-848-5991 FAX 608-848-5992

PARISI
CONSTRUCTION CO. INC.

EWR01

Attention: Gary Tree
Company: Advanced Building Corporation
Date: August 22, 2018

Project Name: Bear Tree Park
Location: Windsor
Project #: 18-3-039
Description: Erosion control plan changes

Extra Work Summary:

Erosion control plan changes

Item No.	Description	Quantity	Unit	Unit Price	Extension
	Earthern berm & sump	4	EA	$ 1,000.00	$ 4,000.00
	Temporary cover treatment - polymer / mulch	50,000	SY	$ 0.25	$ 12,500.00

Total Price: $ 16,500.00

D'ONOFRIO KOTTKE AND ASSOCIATES, INC. 7530 Westward Way, Madison, WI 53717 • Phone: 608.833.7530 • www.donofrio.cc

Date: August 14, 2018

To: Water Resources Engineering Section
Attn: Elliott Mergen
5201 Fen Oak Drive, Room 208
Madison, WI 53718

Re: Bear Tree Park – Village of Windsor – Erosion Control Permit Supplemental Material

Enclosed you will find the following related information:

1. Updated Project Summary
2. Updated and additional USLE spreadsheets
3. Revised Plans

[x] For your approval and/or comment.
[ ] Per your request.
[ ] With our approval, as noted thereon.
[ ] For your information.
[ ] Preliminary only
[ ] Revised copy

Remarks:

None

cc:

Sincerely yours,
D'Onofrio, Kottke and Associates, Inc.

Matt Saltzberry

Matt Saltzberry, PLA

FN: 17-01-101

BEAR TREE PARK SITE IMPROVEMENTS

VILLAGE OF WINDSOR

PROJECT SUMMARY

Project Overview:

Bear Tree Park is located on Pederson Crossing in the Village of Windsor. It is a 10-acre community park with many amenities for the public to enjoy including park shelters, a splash pad, tennis and pickleball courts playground equipment and bicycle track for the kids.

Construction Schedule:

Construction of the site improvements for this park consist of installation of a parking lot along with the various features listed above. The timeframe for construction is to begin site grading in mid-July of 2018 and final completion and restoration prior to Memorial Day of 2019. A more detailed construction schedule can be found on sheet C0.1 of the plan sheets.

Stormwater Management and Erosion Control:

Erosion control for this site will consist of clear stone tracking pads, silt fence, inlet filter bags, sediment traps and staged restoration to maximize the sedimentation retainage on site.

Stormwater management for this park has been included under a regional management plan for the Bear Tree subdivision. Runoff from the Bear Tree Park site improvements will be directed into the basins that control the areawide stormwater. The report has been prepared by Vierbicher and approved by Dane County Land and Water Resources. I assume the DNR has been issued the report and reviewed it as well.

Wetlands and Indicators:

Wetlands and wetland indicator screening has been done for this site. There are no wetlands within the boundary of the disturbed area of the site, but the screening indicates hydric soils may be present. This site was graded under the initial construction of the streets and subdivision so a screening was done at that time and determined that wetlands were not present and grading of the park area was cleared to proceed.

Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)

WISCONSIN DEPT. OF NATURAL RESOURCES

YEAR 1

Developer: VILLAGE OF WINDSOR

Project: BEAR TREE PARK - STRIPPED CONDITIONS-ENTIRE SITE ("A" USLE PATH)

Date: 08/14/18

County: Dane

Version 1.0

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	08/21/18	04/15/19	31.2%	150	Silt Loam	0.43	1.2%	800	0.27	1.00	5.3	1.270	Silt Fence	4.1
Seed with Mulch or Er	04/15/19	06/15/19	22.0%	150	Silt Loam	0.43	1.2%	800	0.27	0.10	0.4	1.270	Silt Fence	0.3
End	06/15/19	-----	-----	-----	-------	-----	1.2%	800	0.27	------	-----	0.000		0.0
		-----	-----	-----	-------	-----	1.2%	800	0.27	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	1.2%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	0.0%	0	-----	-----	-----	0.000		0.0
										TOTAL	5.7		TOTAL	4.4
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/1-5/15	and	8/7-8/29	Turf, introduced grasses and legumes
Thaw-6/30			Native Grasses, forbs, and legumes

Designed By:	Josh Meyerhofer
Date	8/14/2018

ASSUMING ENTIRE SITE IS STRIPPED IMMMEDIATELY AND IS KEPT OPEN FOR ENTIRETY OF SITE WORK

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Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)

WISCONSIN DEPT. OF NATURAL RESOURCES

YEAR 1

Developer: VILLAGE OF WINDSOR

Project: BEAR TREE PARK - STRIPPED CONDITIONS NORTH EAST HILL ("C" USLE PATH)

Date: 08/14/18

County: Dane

Version 1.0

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	08/21/18	09/01/18	5.2%	150	Silt Loam	0.43	11.5%	102	1.72	1.00	5.8	0.789	Silt Fence	2.7
Bare Ground	09/01/18	04/15/19	26.0%	150	Silt Loam	0.43	5.9%	68	0.54	1.00	9.1	0.859	Sediment Trap	1.6
Seed with Mulch or Er	04/15/19	06/15/19	22.0%	150	Silt Loam	0.43	5.9%	68	0.54	0.10	0.8	0.859		0.7
End	06/15/19	-----	-----	-----	-------	-----	5.9%	68	0.54	------	-----	0.000		0.0
		-----	-----	-----	-------	-----	5.9%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	0.0%	0	-----	-----	-----	0.000		0.0
										TOTAL	15.6		TOTAL	4.9
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/1-5/15	and	8/7-8/29	Turf, introduced grasses and legumes
Thaw-6/30			Native Grasses, forbs, and legumes

Designed By:	Josh Meyerhofer
Date	8/14/2018

FROM INITIAL SOIL DISTURBANCE, LOCATION MUST BE GRADED TO FINAL GRADE WITHIN 11 DAYS AND THEN RESTORED BY SPECIFIED DATE.

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Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)

WISCONSIN DEPT. OF NATURAL RESOURCES

YEAR 1

Developer: VILLAGE OF WINDSOR

Project: BEAR TREE PARK - PROPOSED CONDITIONS (WORST CASE SCENARIO)

Date: 08/14/18

County: Dane

Version 1.0

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	07/17/18	04/15/19	52.7%	150	Silt Loam	0.43	4.2%	130	0.47	1.00	16.0	0.982	Sediment Trap	3.1
Seed with Mulch or Er	04/15/19	06/15/19	22.0%	150	Silt Loam	0.43	4.2%	130	0.47	0.10	0.7	0.982	Sediment Trap	0.1
End	06/15/19	-----	-----	-----	-------	-----	4.2%	130	0.47	------	-----	0.000		0.0
		-----	-----	-----	-------	-----	4.2%	130	0.47	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	4.2%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	0.0%	0	-----	-----	-----	0.000		0.0
										TOTAL	16.6		TOTAL	3.3
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/1-5/15	and	8/7-8/29	Turf, introduced grasses and legumes
Thaw-6/30			Native Grasses, forbs, and legumes

Designed By:	Josh Meyerhofer
Date	8/14/2018

Worst case scenario will be the long slope east of the basketball courts on the north east corner of the project.

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Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)

WISCONSIN DEPT. OF NATURAL RESOURCES

YEAR 1

Developer: VILLAGE OF WINDSOR

Project: BEAR TREE PARK - STRIPPED CONDITIONS SOUTH EAST SLOPE ("B" USLE PATH)

Date: 08/14/18

County: Dane

Version 1.0

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	08/21/18	09/12/18	10.7%	150	Silt Loam	0.43	12.5%	40	1.23	1.00	8.5	0.676	Silt Fence	3.4
Bare Ground	09/12/18	04/15/19	20.5%	150	Silt Loam	0.43	2.2%	40	0.16	1.00	2.2	0.974	Silt Fence	1.3
Seed with Mulch or Er	04/15/19	06/15/19	22.0%	150	Silt Loam	0.43	2.2%	40	0.16	0.10	0.2	0.974		0.2
End	06/15/19	-----	-----	-----	-------	-----	2.2%	40	0.16	------	-----	0.000		0.0
		-----	-----	-----	-------	-----	2.2%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	0.0%	0	-----	-----	-----	0.000		0.0
										TOTAL	10.9		TOTAL	4.9
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/1-5/15	and	8/7-8/29	Turf, introduced grasses and legumes
Thaw-6/30			Native Grasses, forbs, and legumes

Designed By:	Josh Meyerhofer
Date	8/14/2018

FROM INITIAL SOIL DISTURBANCE, LOCATION MUST BE GRADED TO FINAL GRADE WITHIN 22 DAYS AND THEN RESTORED BY SPECIFIED DATE.

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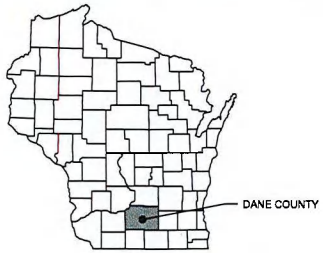
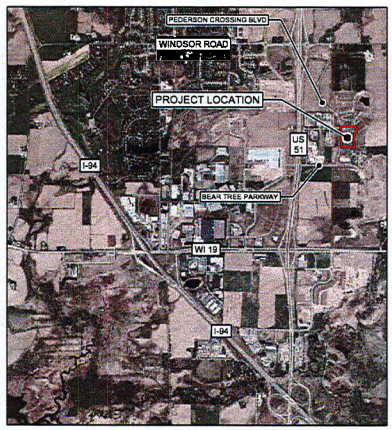
PROJECT LOCATION



STATE OF WISCONSIN



PROJECT LOCATION MAP (N.T.S.)

CONSTRUCTION NOTES

1. VERIFY & COORDINATE ALL DEMOLITION WITH OWNER PRIOR TO CONDUCTING DEMOLITION ACTIVITIES
2. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
3. TYPICAL SECTIONS SHOW THE GENERAL FEATURES THROUGHOUT THE PROJECT. PAVEMENT SLOPES, BORDER SLOPES, ETC. MAY VARY WITHIN LIMITS OF THE SECTION.
4. CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS. SEE DETAIL SHEETS AND CROSS SECTIONS FOR SLOPES AND GRADES
5. EXCAVATION BELOW SUBGRADE IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN OF THE CROSS SECTION. EBS IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION OF EBS WILL BE DETERMINED BY THE ENGINEER.
6. ALL HOLES OR OPENING BELOW SUBGRADE RESULTING FROM THE ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES OR FROM THE GRUBBING OF TREES OR STUMPS SHALL BE BACKFILLED WITH GRANULAR BACKFILL.
7. THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED
8. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISCONSIN DOT, DCOMM, AND WISCONSIN DNR.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
   A. EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
   B. VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
   C. NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
   D. NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED. IF REQUIRED, ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
11. THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
12. ANY SANITARY SEWER, SANITARY SEWER LATERALS, WATERMAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE
13. ALL RADII ARE MEASURES TO THE FACE OF THE CURB UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.
14. EXPANSION JOINTS TO BE CONSTRUCTED AT ALL CURVATURE AND TANGENT POINTS (PC/PT) IN CURB AND GUTTER OR AT LOCATIONS SHOWN ON THE PLAN.
15. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS
16. CURB AND GUTTER JOINT SPACING SHALL BE 10' O.C. UNLESS DIRECTED BY THE ENGINEER.
17. ALL CURB RAMP TYPES ARE SHOWN ON THE PLANS.
18. PAVEMENTS ARE TO BE SAWED TO PROVIDE A BUTT JOINT AT ALL BITUMINOUS INTERSECTIONS AND DRIVEWAYS.
19. RIM ELEVATIONS FOR CURB STRUCTURES SHOWN ON THE UTILITY PLANS ARE AT THE FLOW LINE OF THE CASTING. IT SHALL BE DEPRESSED 2 INCHES FROM THE NORMAL FLOW LINE OF THE GUTTER.
21. THE LOCATION OF CURB STRUCTURES IS MEASURED TO THE FACE OF THE CURB AT THE MIDPOINT OF THE CURB BOX
22. ALL SUMPS ARE TO BE OMITTED IN CATCH BASINS EXCEPT AS NOTED.

APPROXIMATE CONSTRUCTION SCHEDULE

08/20/18 - Install Erosion Control
08/21/18 - Begin Construction
08/21/18 - 05/31/19 - Site Grading, Utilities, Building and Site Construction
08/21/18 - 09/01/18 - Remove and grade hill in NE corner to finished conditions
08/21/18 - 09/12/18 - Fill in SE slope to existing drainage path and reroute runoff to new SW basins
10/01/18 - 10/31/18 - Place Gravel and Pave Parking Lot
05/15/19 - Complete Building Construction
04/15/19 - 05/31/19 Final Site Restoration

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE STORM WATER MANAGEMENT TECHNICAL STANDARDS (REFERRED TO AS BMPS). IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY LAND DISTURBANCE.
3. EROSION CONTROL IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. EROSION CONTROL SHOWN ON THE PLAN SHALL BE CONSIDERED MINIMUMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING EROSION CONTROL PROBLEMS THAT ARE A RESULT OF LAND DISTURBING ACTIVITIES.
4. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY THE DNR, VILLAGE OR THE ENGINEER SHALL BE INSTALLED WITHIN 24 HOURS.
5. THE CONTRACTOR SHALL TAKE EFFORTS TO MINIMIZE LAND DISTURBANCE.
6. CONSTRUCTION VEHICLE ACCESS SHALL BE CONTROLLED AND ALL CONSTRUCTION VEHICLES SHALL EXIT SITE VIA DESIGNATED TRACKING PADS.
7. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
8. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
9. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER
10. INSTALL INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS
11. SLOPES EXCEEDING 4:1 SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING.
12. ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC THOROUGHFARES SHALL BE CLEANED UP AND REMOVED BY THE END OF EACH WORKING DAY OR AS DIRECTED BY CITY/ENGINEER DURING WORK HOURS, USING PROPER DISPOSAL METHODS. HYDRAULIC FLUSHING IS PROHIBITED.
13. PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
14. INSTALL EROSION CONTROLS IN ACCORDANCE WITH WDNR PRESCRIPTIVE COMPLIANCE MEASURES FOR ALL STOCKPILES.
15. RESTORATION PER LANDSCAPE PLAN. IF A LANDSCAPE PLAN IS NOT RECOMMENDED BY THE OWNER ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF SIX (6) INCHES OF TOPSOIL, FERTILIZER, SEED, AND MULCH. SEED MIXTURE "WISCONSIN DOT 40" OR SIMILAR LAWN MIX SHALL BE USED ON ALL RESTORED AREAS. THE SEED MIXTURE SHALL BE APPLIED AT A RATE OF FIVE (5) POUNDS PER 1,000 SQUARE FEET. MULCH SHALL BE CRIMPED AND PLACED ON DISTURBED AREAS. FERTILIZER SHALL BE APPLIED PER A SOIL TEST
16. DEWATERING, IF APPLICABLE, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.
17. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.).
    A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
    B. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
    C. DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH BMP'S PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
18. DISTURBED AREAS THAT ARE NOT SEEDED PRIOR TO NOVEMBER 30, 2018 SHALL RECEIVE A TEMPORARY COVER TREATMENT TO PROTECT OPEN SOILS THROUGH THE WINTER & FOLLOWING SPRING UNTIL PERMANENT COVER CAN BE INSTALLED.

UTILITY NOTES

1. ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
2. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN - AND ALL STATE AND LOCAL CODES AND SPECIFICATIONS (CITY OF VERONA SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS.) IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
3. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
4. ELECTRICAL WIRING & CONDUIT ROUTES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL ENSURE & PROVIDE CONSTRUCTION THAT IS COMPLIANT WITH ALL LOCAL, STATE, & NATIONAL ELECTRICAL CODE

GRADING AND SEEDING NOTES

1. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL WATER ALL NEWLY SEEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7 DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
3. PROPOSED DRAINAGE SWALES TO BE SEEDED USING A WET-DETENTION BASIN MIX FOR CHANNEL SIDESLOPES UNLESS NOTED OTHERWISE.

PAVING NOTES

1. ALL PAVING SHALL CONFORM TO "STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION," APPLICABLE TO THE CITY OF VERONA ORDINANCES.
2. MINIMUM PAVEMENT DESIGN TO BE DETERMINED BY GEOTECHNICAL ENGINEER BASED UPON GEOTECHNICAL REPORT.

UTILITY CONTACTS

GAS:
MG&E
ATTN: JOHN WICHERN
P.O. BOX 1231
MADISON, WI 53701-1231
(608)-252-1563

ELECTRIC:
ALLIANT ENERGY
ATTN: JIM JOHNSRUD
6462 BLANCHARS CROSSING
WINDSOR, WI 53598
(608)-842-1704

ELECTRIC SHARED SAVINGS PROGRAM:
JEFF MCCARTHY
ALLIANT
(608)-845-1117

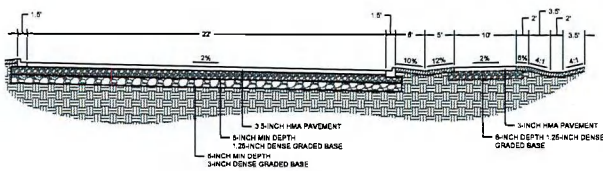
CABLE:
CHARTER COMMUNICATIONS
ATTN: MIGUEL DEL MORAL
2701 DANIELS STREET
MADISON, WI 53718
(608)-209-4817

TELEPHONE:
CENTURY TEL
ATTN: MARK MURN
201 STARK STREET
P.O. BOX 98
RANDOLPH, WI 53956
(262)-392-5210

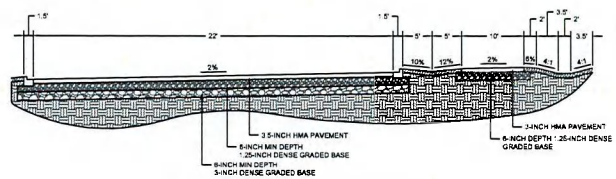
WATER / SEWER:
WINDSOR UTILITY
ATTN: JEFF BARTOSIAK
6716 PARK ST
WINDSOR, WI 53598
(608) 888-0011

PLAYGROUND EQUIPMENT CONTACT

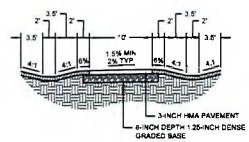
LEE RECREATION
ATTN: VERN LEE
260 WEST MAIN STREET
CAMBRIDGE, WI 53523
(800) 775-8937



TYPICAL PARKING LOT CROSS-SECTION 1



TYPICAL PARKING LOT CROSS-SECTION 2



TYPICAL RECREATION PATH CROSS-SECTION

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608 833 7530 • Fax: 608 833 1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

SITE CONSTRUCTION NOTES

BEAR TREE PARK

VILLAGE OF WINDSOR, DANE COUNTY, WI

0 50'

DATE: 05-09-2018
BIDDING DOCS
EROS CTRL RESUBMIT 07-26-18
EROS CTRL RESUBMIT 08-14-18

DRAWN BY: MS

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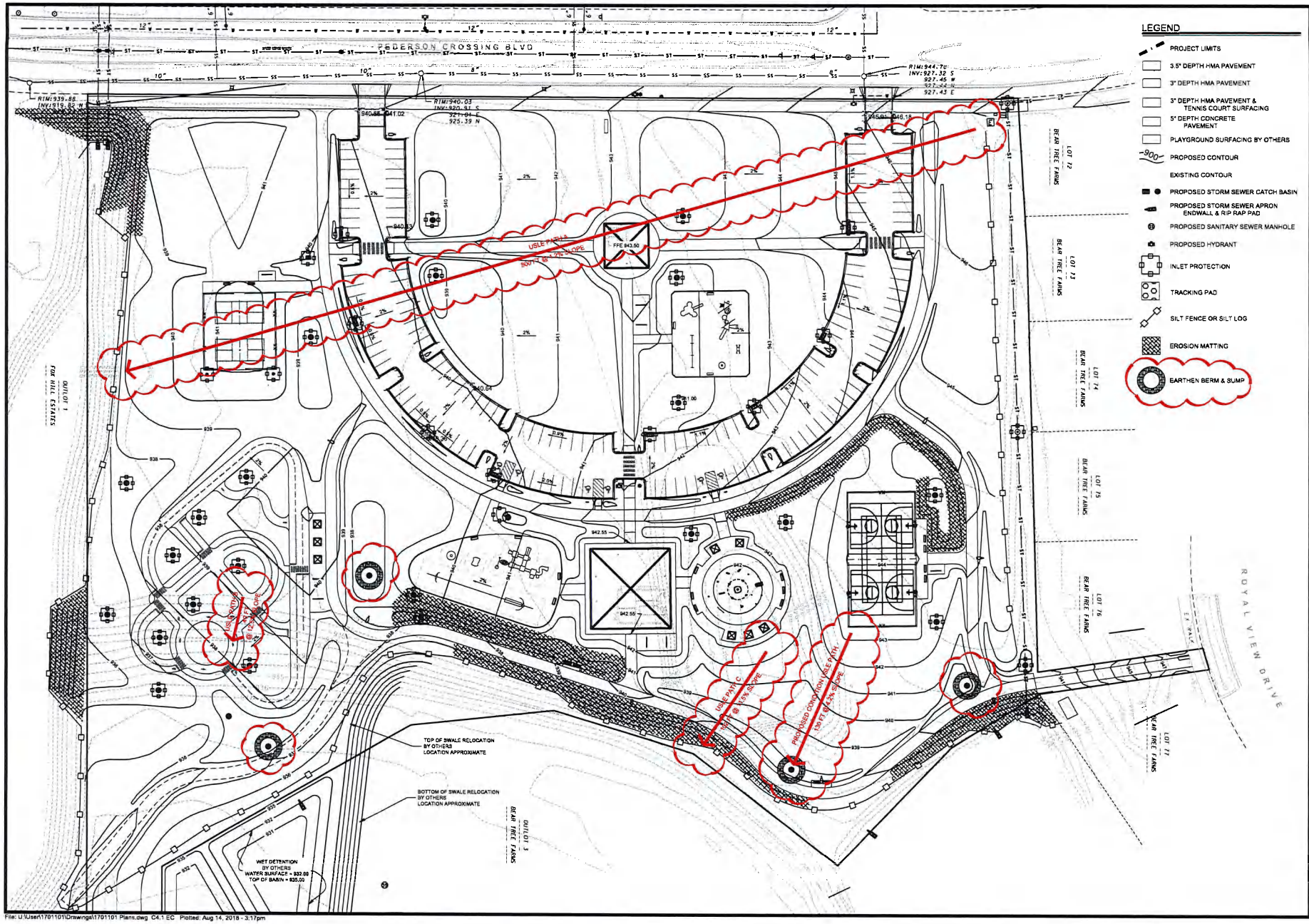

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

EROSION CONTROL PLAN

BEAR TREE PARK

VILLAGE OF WINDSOR, DANE COUNTY, WI

DATE: 05-09-2018
BIDDING DOCS
EROS CTRL RESUBMIT 08-14-18

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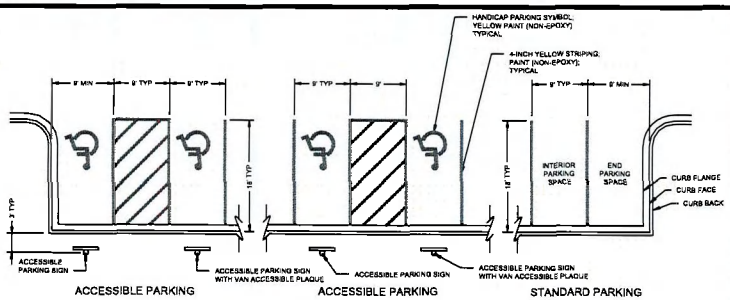
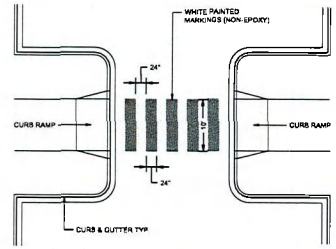
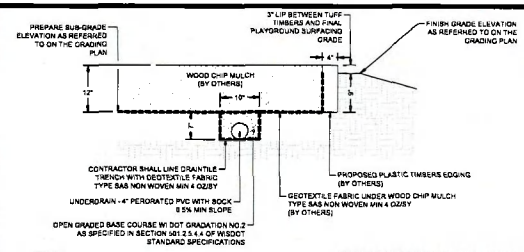


PARKING SPACE STRIPING



CROSSWALK STRIPING



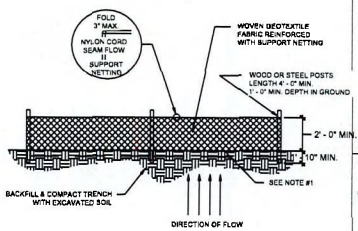
NOTES

1. ALL WORK SHOWN SHALL BE INCLUDED IN THE CONTRACTOR'S BID UNLESS OTHERWISE NOTED AS "BY OTHERS"
2. ALL WORK IN PLAYGROUND AREAS SHALL BE COORDINATED WITH PLAYGROUND EQUIPMENT CONTRACTOR
3. SUBGRADE SHALL BE PREPARED BY CONTRACTOR PRIOR TO PLAYGROUND EQUIPMENT INSTALLATION.
4. PLAYGROUND EQUIPMENT CONTRACTOR SHALL INSTALL ALL FOOTINGS PRIOR TO DRAINTILE INSTALLATION

PLAYGROUND EQUIPMENT CONTRACTOR

LEE RECREATION
ATTN: VERN LEE
290 WEST MAIN STREET
CAMBRIDGE, WI 53523
(800) 775-8837

PLAYGROUND CROSS SECTION



GENERAL NOTES:

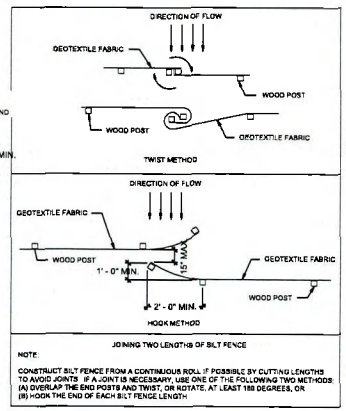
DETAILS OF CONSTRUCTION NOT SHOWN ON THESE DRAWINGS SHALL CONFORM TO CRITERIA SET BY AUTHORITIES HAVING JURISDICTION AND BY THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRATICE HANDBOOK.

WHEN POSSIBLE, THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE WITH THE ENDS POINTING UP SLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS

1. EXCAVATE A TRENCH A MINIMUM OF 4' WIDE AND 8" DEEP TO ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.

2. WOVEN GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF ¾" OR EQUAL. A HEAVY-DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.

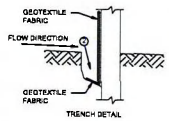
3. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM BEARING OF 128 LBS/LINEAL FOOT (WITHOUT ANCHOR). FINISH ANCHORS RESISTANT TO POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIAMETER OR 1 ½" x 3 ½". EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING WHICH SHALL BE A MINIMUM SIZE OF 1 ½" x 1 ½" x 48" OAK OR HICKORY



NOTE:

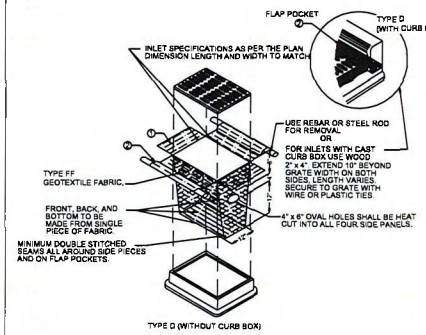
CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL. IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: (A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, OR (B) HOOK THE END OF EACH SILT FENCE LENGTH

SILT FENCE



TRENCH DETAIL

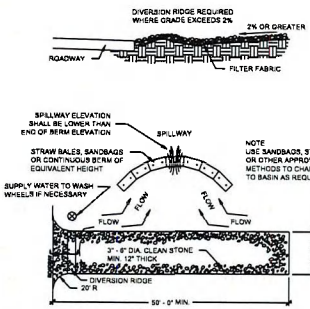
NOTE: FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE AND 8" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.



NOTES:

1. IF DEPTH IS LESS THAN 30" FROM INLET RIM TO CROWN OF PIPE, USE EITHER TYPE B OR TYPE C INLET PROTECTION.
2. FABRIC SIZE SHALL BE 8' (MIN) GREATER ON ALL SIDES OF THE INLET COVER TO PROVIDE A HAND HOLD WHEN MAINTENANCE OR REMOVAL IS REQUIRED.
3. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

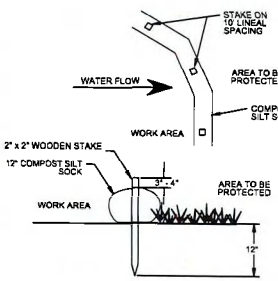
INLET PROTECTION / INLET FILTER



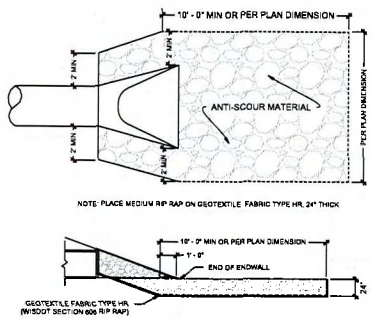
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT ANY MEASURES USED TO TRAP SEDIMENT
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY TO PREVENT TRACKING OF SEDIMENT ON TO PUBLIC RIGHT OF WAYS.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

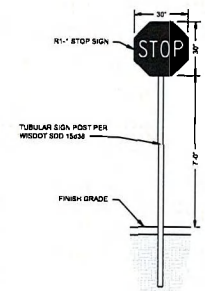
TEMPORARY TRACKING PAD



12" COMPOST SILT SOCK



ENDWALL STRUCTURE W/ RIPRAP

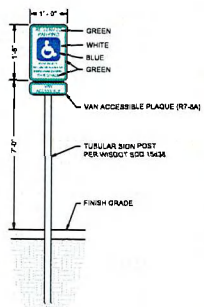


STOP SIGN

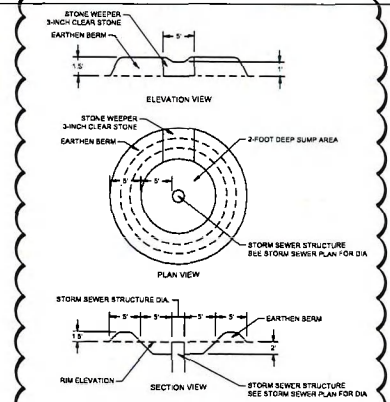
NOTES

THE SIGN MUST BE A WHITE RECTANGLE WITH LONGER DIMENSION VERTICALLY; HAVING A GREEN MESSAGE AND A BLUE AND WHITE SYMBOL OF ACCESS. THE SIGN MAY EITHER BE REFLECTIVE OR NON-REFLECTIVE.

THE SIGN MUST INCLUDE THE WORDS: "RESERVED PARKING" AND THE WORDS: "VEHICLES WITH VET OR DIS. PLATES OR STATE DISABLED CARD"



ACCESSIBLE PARKING SIGN



EARTHEN BERM & SUMP

D'AMATO DOTTIE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

CONSTRUCTION DETAILS

BEAR TREE PARK

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