Scale: 1"=20' (24"x36")

0 10 20 30

BENCH MARK TABLE			
BM NO.	DESCRIPTION	LOCATION	ELEVATION
BM #1	Paint Dot	Lift Station	934.21'
BM #2	RR Spike	Power Pole	934.45'

Property Information

Zoning: C-2, Commercial District

Lot Descriptions: Lot#1 & Lot #2 of CSM #1410

DELTA 3 ENGINEERING INC

Professional Civil-Municipal & Structural Engineering, Grant Writing, Land Development Planning & CADD Services

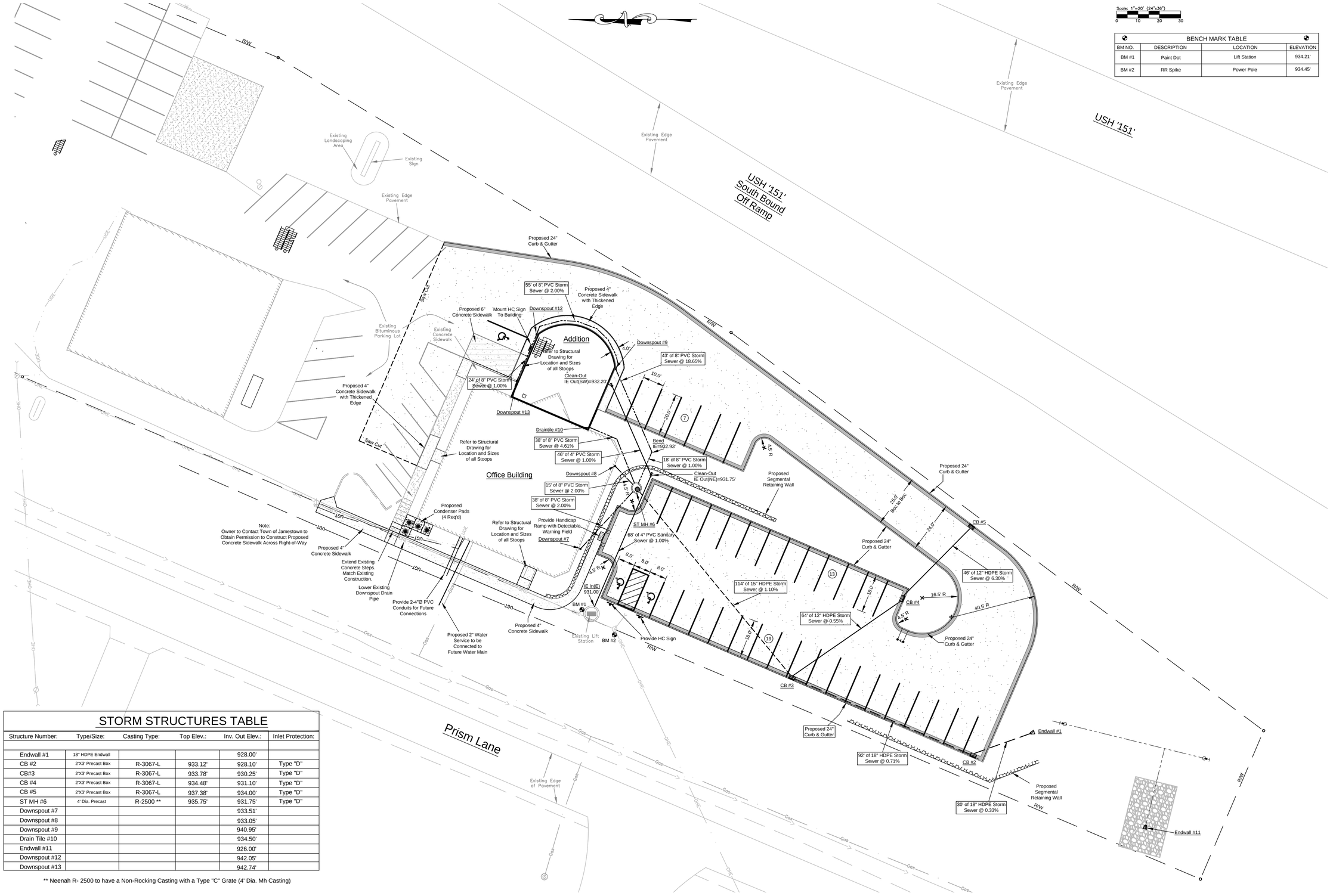
875 South Chestnut Street
Platteville, Wisconsin 53818
Phone: (608) 348-5355
Fax: (608) 348-5455

PSSI
OFFICE REMODEL / ADDITION

3681 PRISM LANE, KIELER, WI 53812

REVISIONS:		
NO.	DATE	DESCRIPTION

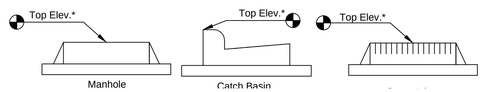
For Construction	
PROJECT NUMBER	D14-041
SHEET SCALE	1" = 20'
DRAWN BY	C.Coyier
DATE ISSUED	August 31, 2015
SHEET NUMBER	C101
	Existing Site



STORM STRUCTURES TABLE

Structure Number:	Type/Size:	Casting Type:	Top Elev.:	Inv. Out Elev.:	Inlet Protection:
Endwall #1	18" HDPE Endwall			928.00'	
CB #2	2'X3' Precast Box	R-3067-L	933.12'	928.10'	Type "D"
CB#3	2'X3' Precast Box	R-3067-L	933.78'	930.25'	Type "D"
CB #4	2'X3' Precast Box	R-3067-L	934.48'	931.10'	Type "D"
CB #5	2'X3' Precast Box	R-3067-L	937.38'	934.00'	Type "D"
ST MH #6	4' Dia. Precast	R-2500 **	935.75'	931.75'	Type "D"
Downspout #7				933.51'	
Downspout #8				933.05'	
Downspout #9				940.95'	
Drain Tile #10				934.50'	
Endwall #11				926.00'	
Downspout #12				942.05'	
Downspout #13				942.74'	

** Neenah R- 2500 to have a Non-Rocking Casting with a Type "C" Grate (4' Dia. Mh Casting)



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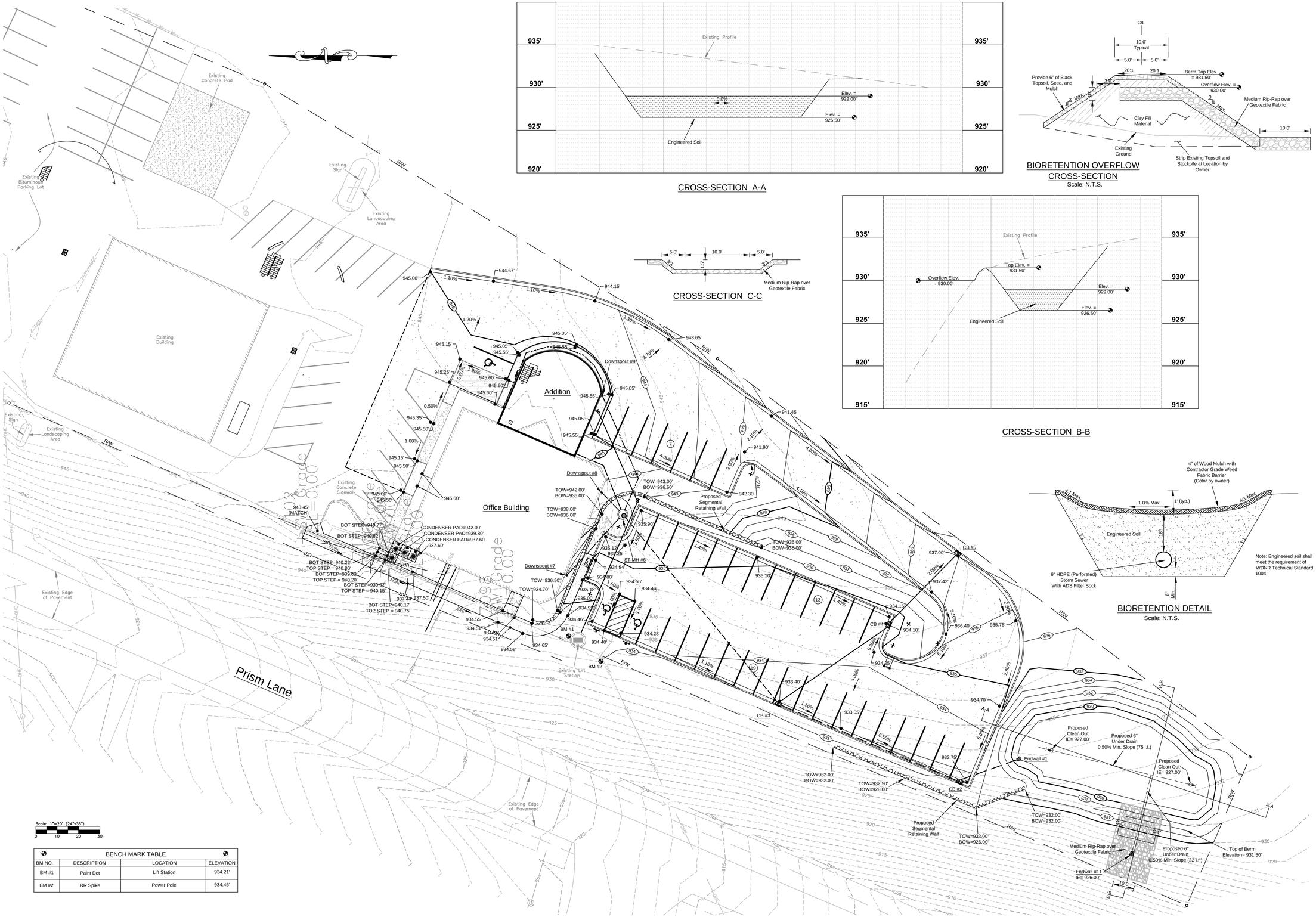
REVISIONS:		
NO.	DATE	DESCRIPTION
1	8/14/14	WDNR NOI SUB.
2	9/15/14	ADDED SIDEWALK
		ON NORTH SIDE
3	11/6/14	DOWNSPOUT #13
		ADDED

For Construction	
PROJECT NUMBER	D14-041
SHEET SCALE	1" = 20'
DRAWN BY	C.Coyier
DATE ISSUED	November 6, 2014
SHEET NUMBER	C102
	Proposed Site



CROSS-SECTION A-A

CROSS-SECTION C-C

CROSS-SECTION B-B

BIORETENTION OVERFLOW CROSS-SECTION

Scale: N.T.S.

BIORETENTION DETAIL

Scale: N.T.S.

Note: Engineered soil shall meet the requirement of WDNR Technical Standard 1004

BENCH MARK TABLE			
BM NO.	DESCRIPTION	LOCATION	ELEVATION
BM #1	Paint Dot	Lift Station	934.21'
BM #2	RR Spike	Power Pole	934.45'

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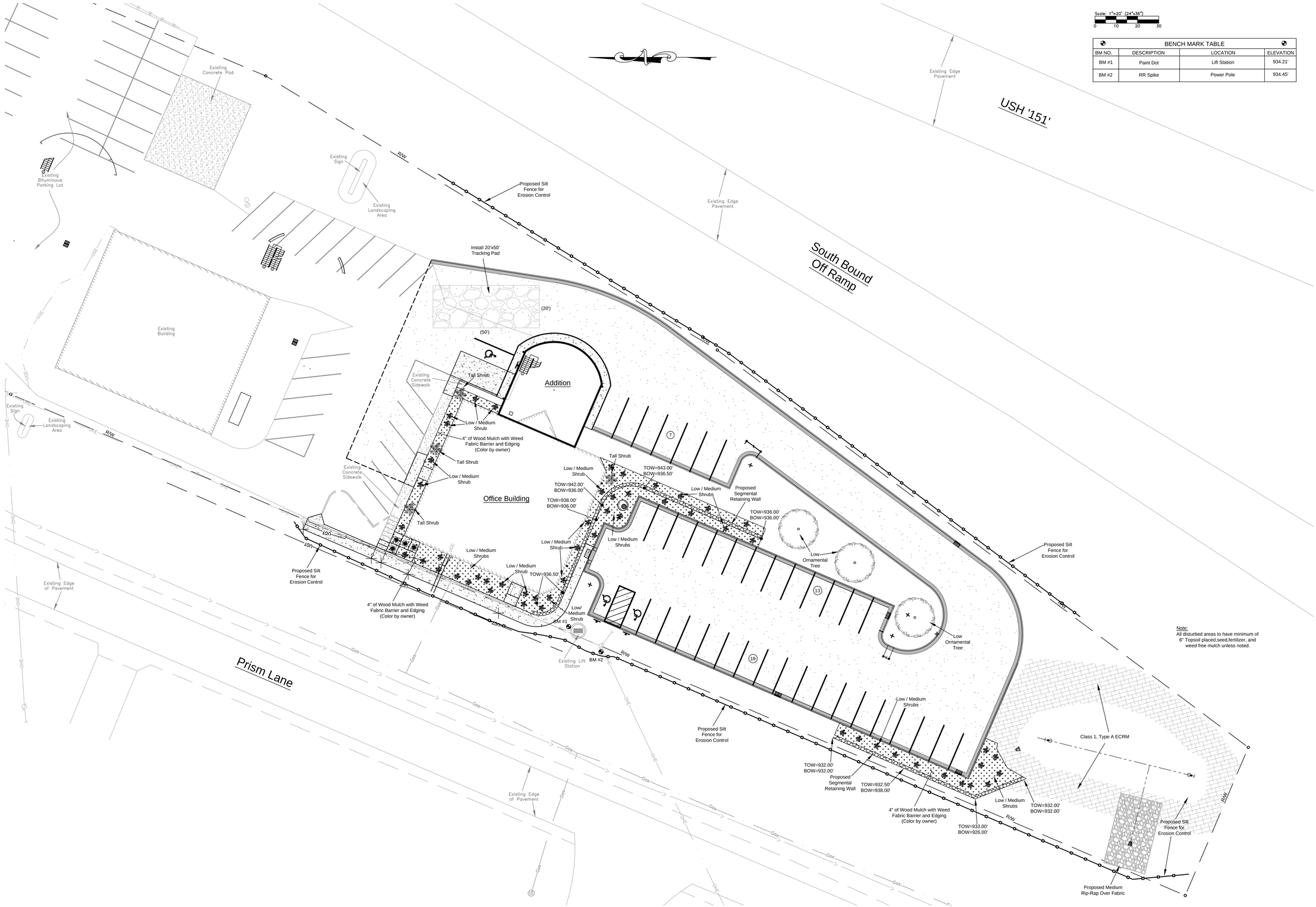
PSSI OFFICE REMODEL / ADDITION

3881 PRISM LANE, KIELER, WI 53812

REVISIONS:		
NO.	DATE	DESCRIPTION
1	8/14/14	WDNR NOI SUB.
2	9/15/14	ADDED SIDEWALK ON NORTH SIDE
3	11/6/14	DOWNSPOUT #13 ADDED

For Construction	
PROJECT NUMBER	D14-041
SHEET SCALE	1" = 20'
DRAWN BY	K.Kobbervig
DATE ISSUED	November 6, 2014
SHEET NUMBER	C103



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875 South Chestnut Street
Platteville, Wisconsin 53818
Phone: (608) 348-5355
Fax: (608) 348-5455

PSSI
OFFICE REMODEL / ADDITION
3881 PRISM LANE, KIELER, WI 53812

REVISIONS:

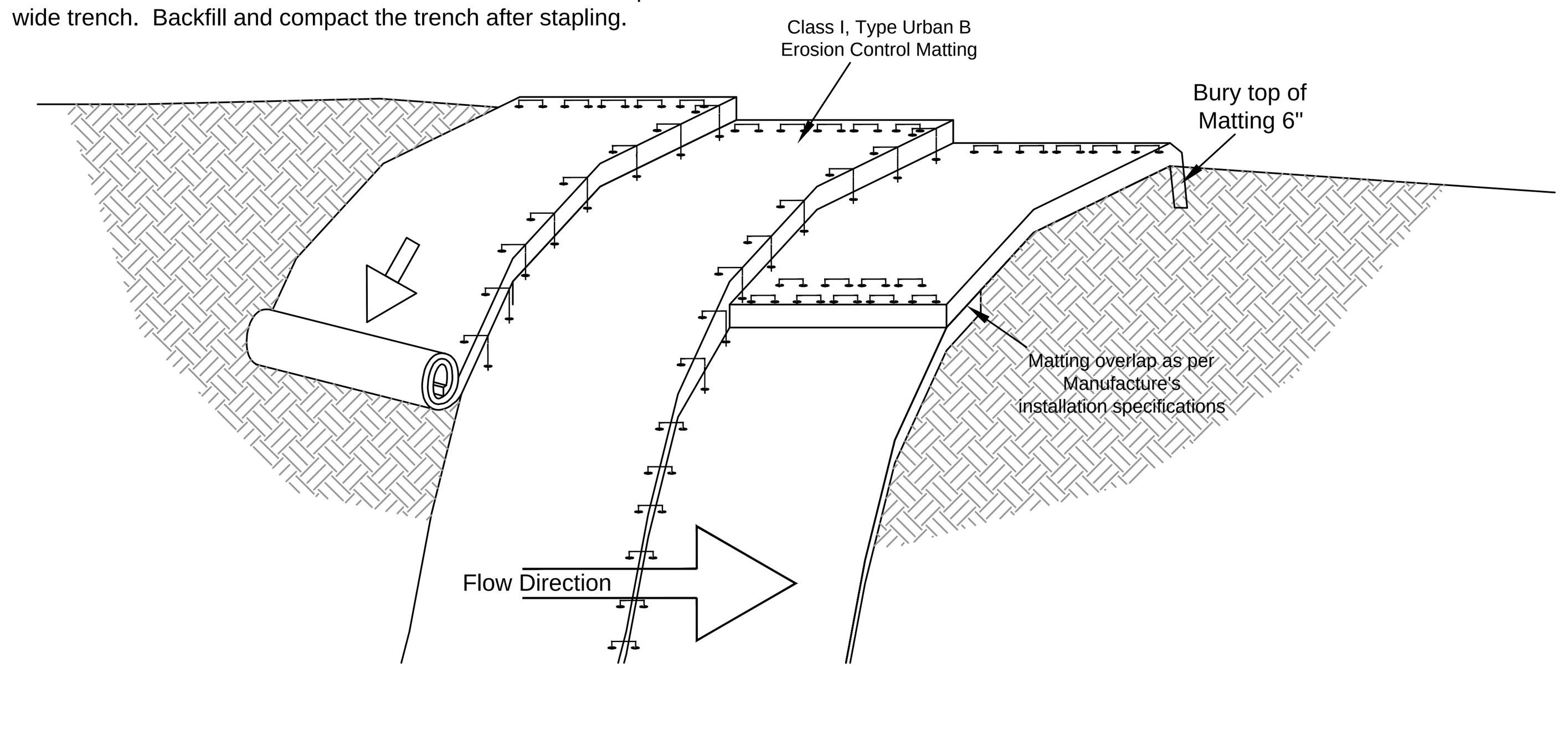
NO.	DATE	DESCRIPTION
1	8/14/14	WDNR NOI SUB.
2	9/15/14	ADDED SIDEWALK ON NORTH SIDE
3	11/6/14	DOWNSPOUT #13 ADDED

For Construction

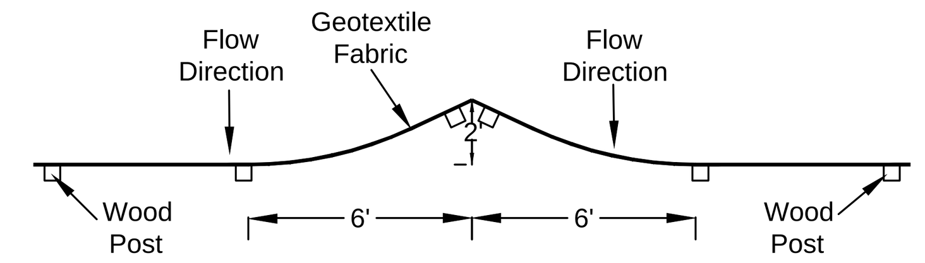
PROJECT NUMBER	D14-041
SHEET SCALE	1" = 20'
DRAWN BY	L. Rupp
DATE ISSUED	November 6, 2014
SHEET NUMBER	C104 Landscaping & Erosion Control Plan

G:\Projects\2014\D14-041 Kielers 2014 Office Addition\Civil\Plans\C104_Landscaping.dwg, grading, 2/25/2016 3:07:26 PM, kdhall

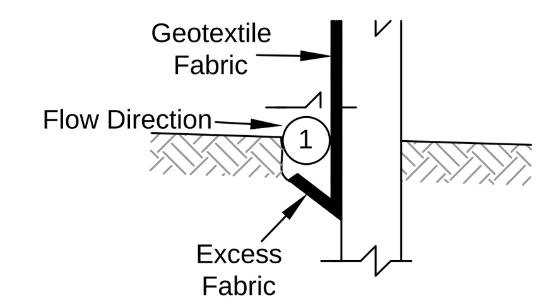
1. Prepare soil before installing blankets, including application of Fertilizer and Mulch and Seed.
2. Begin at the top of the shoulder (or Channel) by anchoring the blanket in a 6" deep x 6" wide trench. Backfill and compact the trench after stapling.
3. Roll the blankets down (starting at downstream proceeding upstream) horizontally across the slope.
4. The edges of parallel blankets must be stapled with manufacture's recomended overlap.
5. When blankets must be spliced down the slope, place blankets end over end (shingle style) with an overlap. Use a double row of staggered staples 4" apart to secure blankets.
6. In high channel applications, a staple slot is recommended at 30 to 40 foot intervals. Use a row of staples 4" apart over the entire width of the channel. Place a second row 4" below the first row in a staggered pattern.
7. The terminal end of the blankets must be anchored in a 6" deep x 6" wide trench. Backfill and compact the trench after stapling.



Erosion Matting - Slope Installation
Scale: N.T.S.



Silt Fence - Joining Two Lengths Detail
Scale: N.T.S.

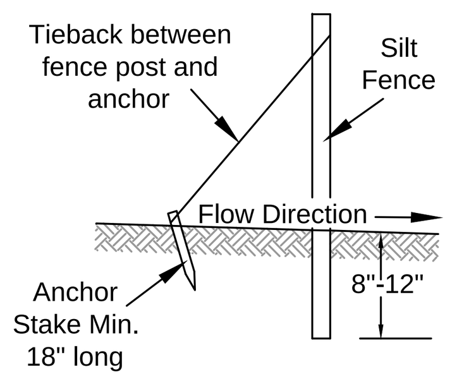


Silt Fence - Trench Detail
Scale: N.T.S.

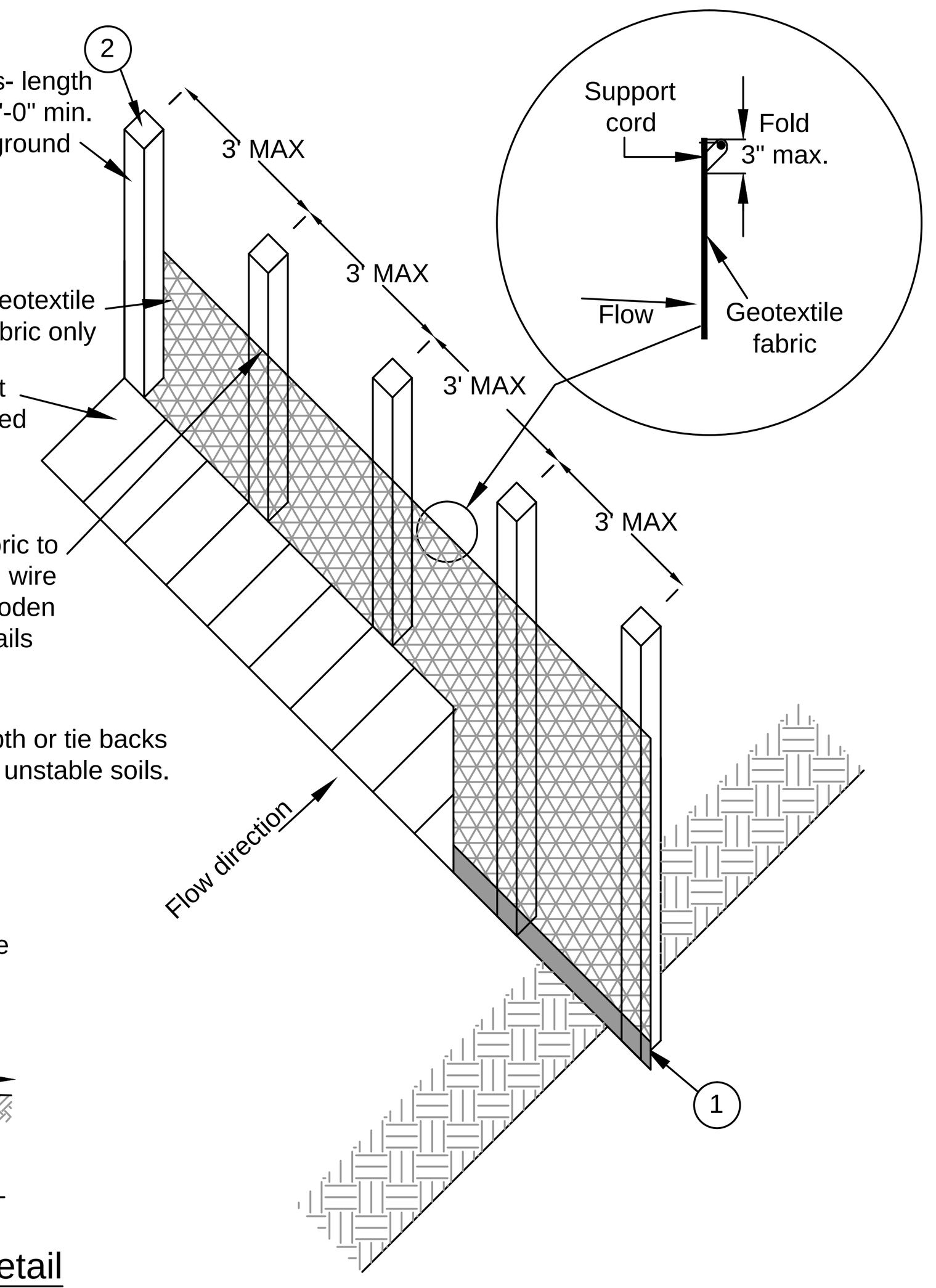
GENERAL NOTES- SILT FENCE:
Details of construction not shown on this drawing shall conform to the pertinent requirements of the WisDOT Standard Specifications for Highway and Structure Construction (most current edition) and the applicable Special Provisions.

(1) 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.

(2) Wood post shall be a minimum size of 1-1/8" x 1-1/8" of oak or hickory.

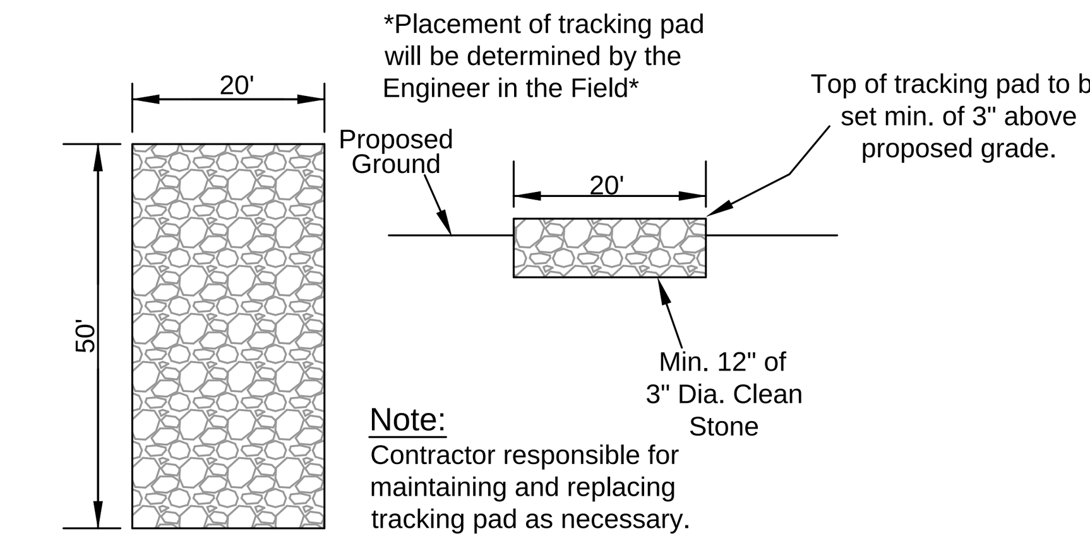


Silt Fence - Tie Back Detail
Scale: N.T.S.



SILT FENCE INSTALLATION DETAIL
Scale: N.T.S.

SILT FENCE DETAILS
Scale: N.T.S.



Note:
Contractor responsible for maintaining and replacing tracking pad as necessary.

TRACKING PAD DETAIL
Scale: N.T.S.

NOTE:
Silt fence will not be allowed as fabric for inlet protection!!

INSTALLATION NOTES:
TYPE B & C
Trim excess fabric in the flow to within 3" of grate. The contractor shall demonstrate a method of maintenance, using a sewn flap, hand holds or other method to prevent accumulated sediment from entering the inlet.

TYPE D
Do not install protection Type D in inlets shallower then 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.

GENERAL NOTES- INLET PROTECTION:
Inlet protection devices shall be maintained or replaced at the direction of the Engineer.

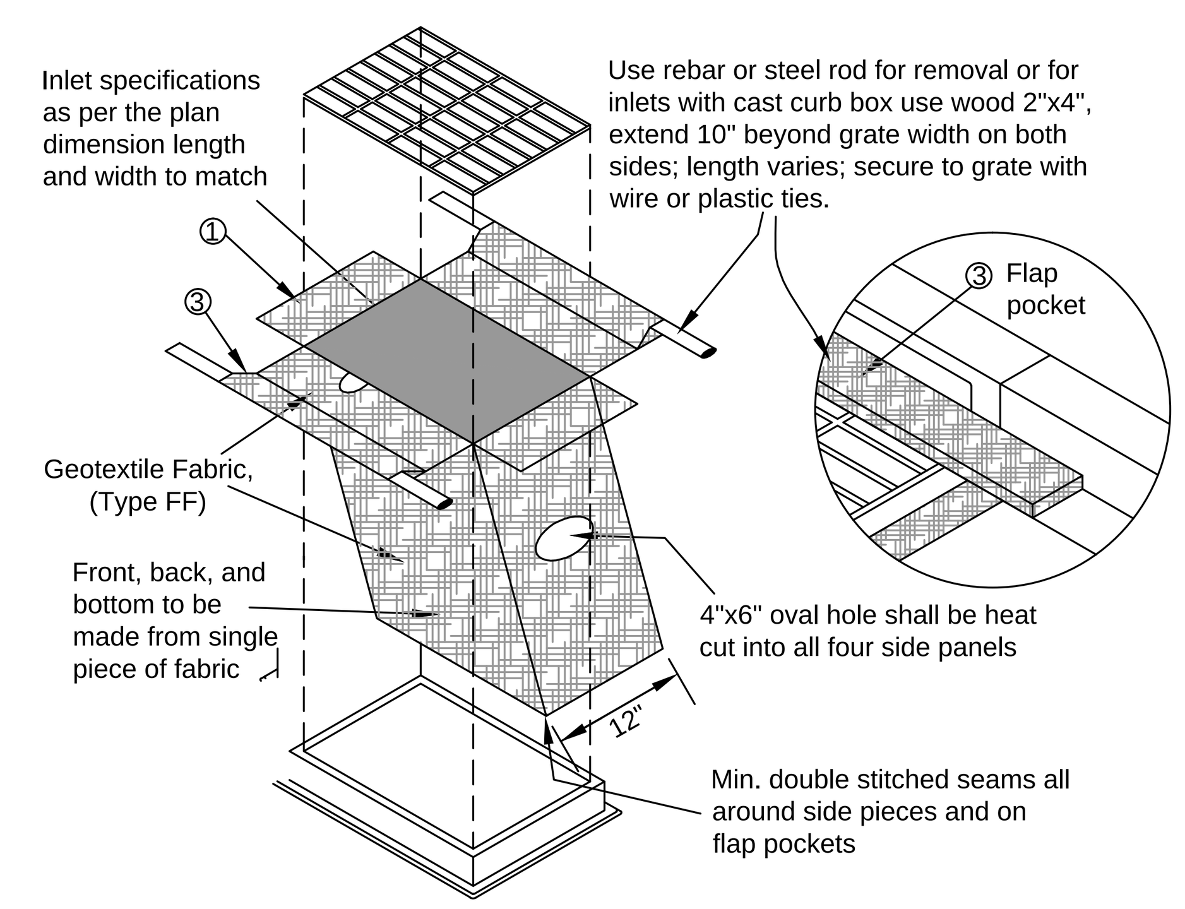
Manufactured alternatives approved and listed on the departments erosion control product acceptability list may be substituted.

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.

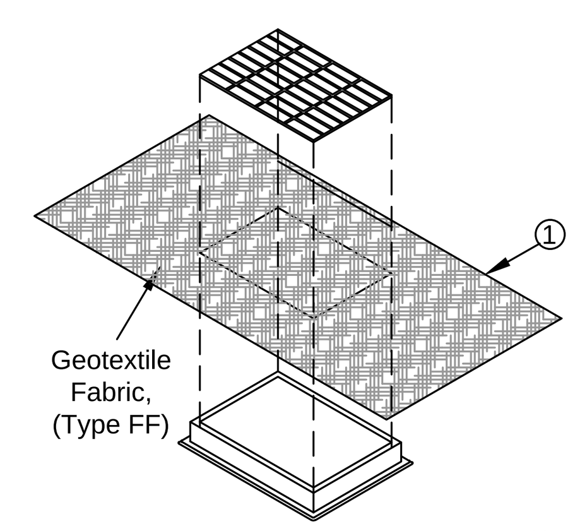
(1) Finished size, including flap pockets where required, shall extend a min. of 10" around the perimeter to facilitate maintenance or removal.

(2) For inlet protection, Type C (with curb box), an additional 18" of fabric is wrapped around the wood and secured with staples. The wood shall not block the entire height of the curb box opening.

(3) Flap pockets shall be large enough to accept wood 2"x4".

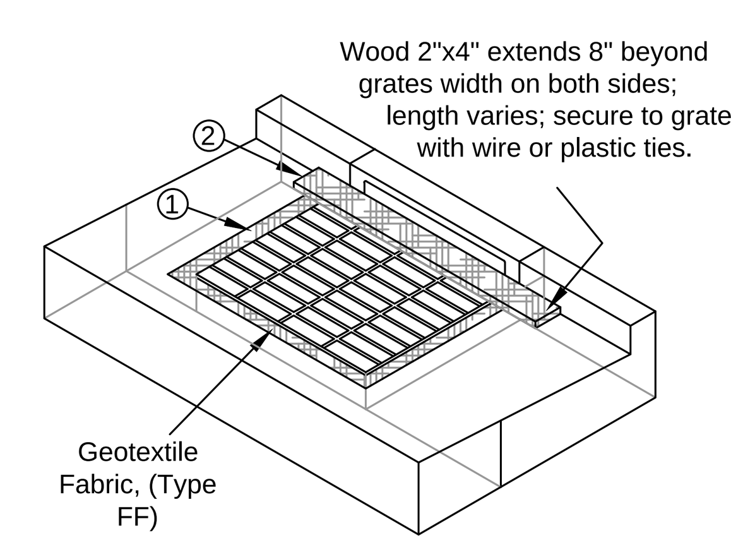


Inlet Protection - Type D
(Can be installed in any inlet with or without a curb box as per note (2))
Scale: N.T.S.



Can be installed in any inlet without a curb box

Inlet Protection, Type B
(without Curb Box)
Scale: N.T.S.



Inlet Protection, Type C
(with Curb Box)
Scale: N.T.S.

INLET PROTECTION DETAILS
Scale: N.T.S.

PLANT SIZING TABLE	
Landscape Element	Minimum Plant Size
Canopy Trees	2.5" Diameter in Caliper-
Evergreen Trees	4 feet and larger
Low Ornamental Trees	5 Feet and BB stock
Tall Shrubs	36" Material & Taller
Medium Shrubs	24"-36" Material
Low Shrubs	12"-24" Material

LANDSCAPING NOTES:
This drawing is part of a set of bid documents which include additional drawings, details, specifications, and exhibits.

The lawn/turf seeding and sodding and restoration is included in this contract.

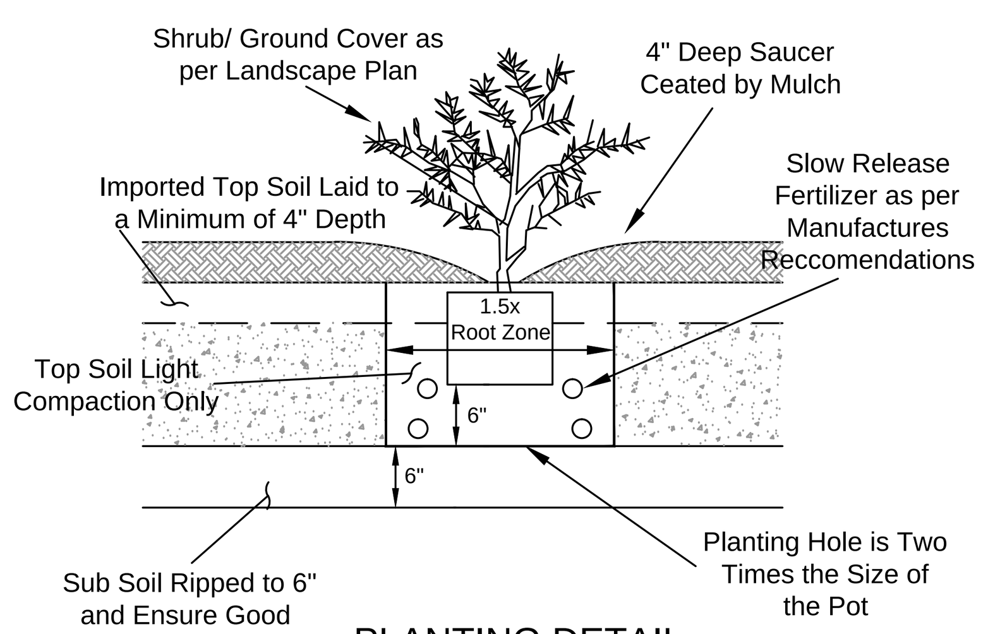
The contractor shall include finished grading, soil preparation, fertilizer, seeding, sodding and watering; 90 days of maintenance and 1 year guarantee on plant replacement and replacement labor.

All plant material on site to be salvaged and replanted as directed in the proposed landscape plan.

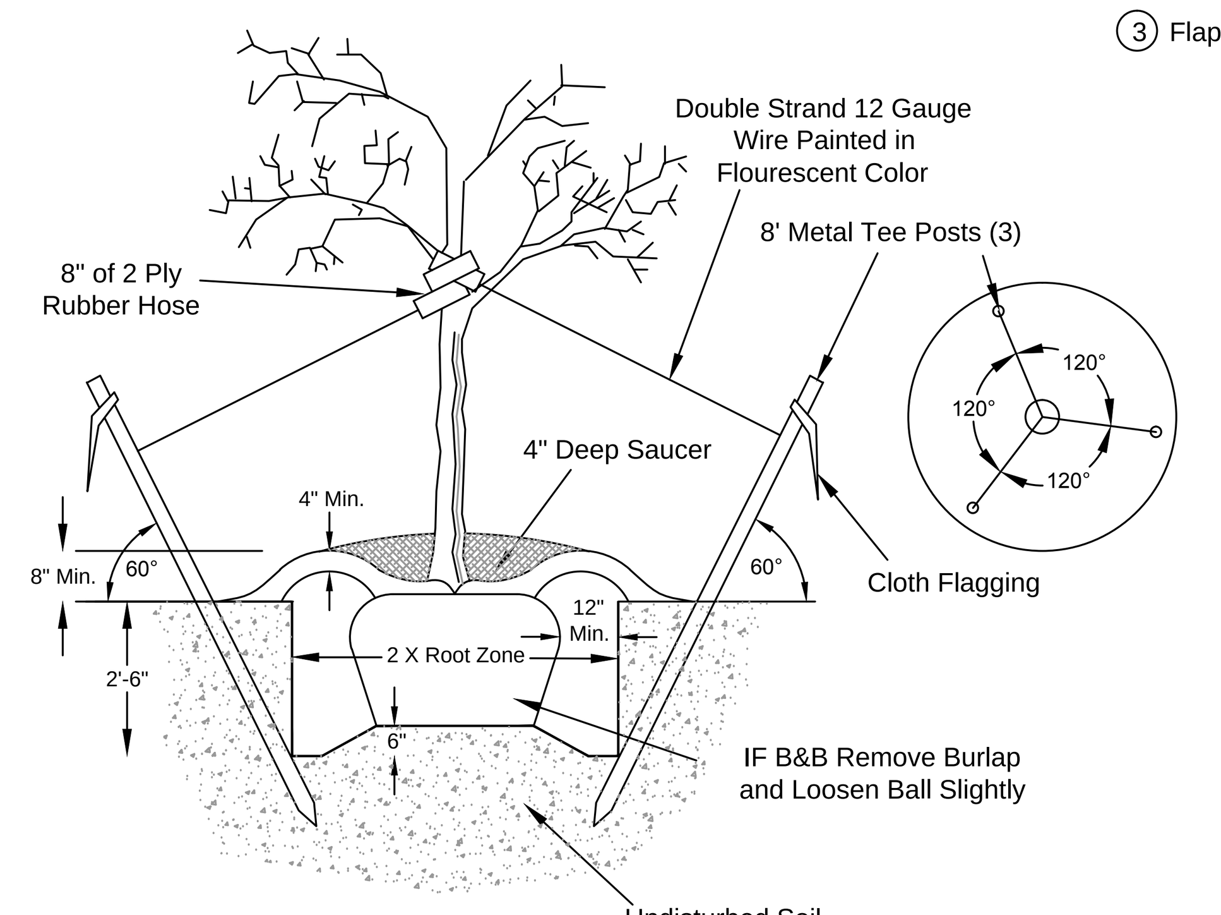
The contractor will be aware of the specifications for warranties, final acceptance and maintenance period requirements.

Mulch rings and planter mulch layer shall be a minimum 4" depth. Mulch shall be a clean, wood strip, color as directed by owner. The contractor shall provide edging consistent with existing edging if none existing then it shall be contractor grade (poly/alum).

The landscape designer and consultants do not warrant or guarantee the accuracy and completeness of the work product herein beyond a reasonable due diligence. If any mistakes, omissions, or discrepancies are found to exist in the work product, the designer shall be promptly notified so that they may have the opportunity to take steps to resolve the issue. Failure to promptly notify the owner and the designer of any such conditions shall absolve them from any responsibility. Actions taken without the knowledge and consent of the owner and landscape designer, or in contradiction to the owner and the designer's work product or recommendations, shall become fully the responsibility not of the owner or designer but of the parties responsible for taking such action.



PLANTING DETAIL
SHRUBS, PERENIALS, GROUND COVERS
SCALE: NTS



PLANTING DETAIL
ADVANCED STOCK

EROSION CONTROL NOTES

1. General erosion notes and maintenance measures are illustrated on the erosion control detail sheets. After award of the contract the General Contractor shall install all Best Management Practices as shown on the plan & profile that are required to be installed prior to commencing mass grading. Once installed the General Contractor shall contact Delta 3 Engineering, Inc. Dan Dreessens 608-348-5355. Once notified Delta 3 Engineering Inc. will visit the site within 5 days to review the site with the General Contractors Superintendent. Upon visiting the site the Consulting Engineer and the General Contractors Superintendent will review the site for compliance with the Erosion Control Plan. If and when all Best Management Practices required to commence site construction are in place, the Consulting Engineer and Project Superintendent will sign and certify this fact. This review and certification shall take place prior to the required Pre-Construction Meeting. The site Superintendent shall maintain as-built copy of the Erosion Control Plan on site at all times. Any activities involving installation of Best Management Practices shall be indicted on the as-built Plan with an installed time and date. Recorded information shall be permanently placed on the site map including any changes made to the Best Management Practices. If the Site Map becomes hard to read the initial drawing shall be saved and a clean copy shall be issued in order to continue recording any on-site erosion control activity.

2. A complete copy of all inspection reports, plan revisions, etc., must be retained at the project site at all times during duration of the project and kept in the permanent project records for at least five years following submission of the Notice of Termination (NOT).

3. The General Contractor shall be responsible for insuring that all sub-contractors involved in ground disturbing activity comply with the requirements of the Erosion Control Plan.

4. Daily inspections by the Project Superintendent and monthly inspections by the Owner's Construction Manager must be made to determine the effectiveness of the Erosion Control Plan. The General Contractor to inspect erosion and sediment controls within 24 hours after a rainfall event of 0.5 inches or greater. The General Contractor shall be responsible to repair or replace erosion and sediment control Best Management Practices as necessary within 24 hours of inspection.

5. A weekly storm water meeting will be held by the General Contractor with all contractors and subcontractors involved in ground-disturbing activities to review the requirements of Grading Permits, the Erosion Control Plan, and address any problems that have arisen in implementing the Erosion Control Plan or maintaining the BMPs. Contractor shall maintain a log of all weekly meetings and document the issues addressed in the meetings.

6. Once the site reaches final stabilization, all permanent erosion and sedimentation controls are installed and all temporary erosion and sedimentation controls are removed, the General Contractor and Owner must complete a final site inspection. Upon approval by Owner, the Owner and General Contractor, as applicable, must complete and submit a Notice of Termination (NOT) form to be submitted to the Wisconsin Department of Natural Resources.

7. A record of the dates when major ground-disturbing activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated must be maintained until the NOT is filed. Controls must be in place down gradient of ground-disturbing activities prior to the commencement of construction.

8. A log of all inspections by federal, state, or local storm water or other environmental agencies shall be kept by the General Contractor. The log shall include the date and time of visit and whether a report was issued or will be issued as a result of the inspection. Any reports issued shall be faxed to the Delta 3 Engineering Inc. 608-348-5455 (fax).

9. Soil stabilization - The purpose of soil stabilization is to prevent soil from leaving the site. In the natural condition, soil is stabilized by native vegetation. The primary technique to be used at this project for stabilizing site soil will be to provide a protective cover of turf grass or pavement.

   (a) Temporary Seeding or Stabilization - Areas may be stabilized temporarily with the use of fast-germinating annual seed, straw mulch, wood cellulose fibers, tackifiers, netting or blanket. Where conditions are favorable, areas shall be temporarily stabilized within 7 days after construction activity ceases. All disturbed ground where there will not be construction for longer than 14 days must be seeded or otherwise stabilized.

   (b) Permanent Seeding or Sod - All areas at final grade must be seeded or sodded within 3 days after completion of the major construction activity. Except for small level spots, seeded areas should generally be protected with mulch. All areas to be seeded will also have topsoil and other amendment as stated in Specification Section 02900-Planting.

   (c) Mulching - All areas that are temporary or permanent seeded shall be mulched according to Section 627 - Mulching of the WisDOT Standard Specifications for Highway Construction. All mulch is to be anchored utilizing Method A, B, or C.

   (d) Erosion Control - For any slopes greater than 3:1 slope erosion mating is required.

10. Structural Controls - Before any major grading activities, the following Best Management Practices shall be installed on the proposed site - Silt Fence,Construction Exit, Storm Sewer Inlet Protection.

   (a) Wet Detention Pond - The Wet Detention Pond is constructed down slope of construction activity and located such that storm water runoff from upland areas of less than 100 acres is diverted through the basin. The Wet Detention Pond shall be constructed as directed by the Storm Water Pollution Prevention Plan and shall be constructed as part of the initial best management practices whenever practical. The Wet Detention Pond shall be constructed per Wisconsin DNR technical standards for Wet Detention Basin (Code 1001). Once substantial final restoration of the project has been completed, the Wet Detention Pond shall be drained and re-graded as necessary to remove all accumulated silt.

   (b) Sediment Traps - Temporary sediment traps are depressions constructed down slope of construction activity and located such that storm water runoff from upland areas of less than 5 acres are diverted through the trap. Sediment traps shall be constructed as indicated by the Storm Water Pollution Prevention Plan and shall be constructed as part of the initial best management practices whenever practical. Traps are designed for an overflow weir is incorporated at the outlet to discharge flow from the trap. Sediment traps shall be phased with the earthwork activity where practical. The Sediment Traps to be included for this project shall be constructed per Wisconsin DNR technical standards for Sediment Traps (Code 1063).

   (c) Silt Fence - Silt fence, is a synthetic permeable woven or non-woven fabric typically incorporating wooden or metal support stakes at intervals sufficient to support the fence, water and sediment retained by the fence. Silt fence can also be installed with a wire fence backing. The fence is designed to retain sediment-laden water and allow settlement of suspended soils before the storm water flows through the fabric for discharge downstream. Silt fence shall be located as shown on the plan & profile sheets. The Silt Fence to be included for this project shall be constructed per Wisconsin DNR technical standards for Silt Fence (Code 1056).

   (d) Construction Exit - All access points from the public street into the construction site shall include a tracking pad composed of course stone to the dimensions shown on the plan & profile sheets. Any Sediment reaching a public or private road shall be removed by street cleaning (not flushing) before the end of each workday.

   (e) Storm Sewer Inlet Protection - Curb and grated inlets are protected from the intrusion of silt and sediment through a variety of sediment control practices to allow settlement of suspended soils before discharging into the storm sewer. Grated inlets typically include a sturdy frame wrapped in geotextile fabric or sediment lined perimeter to slow the flow of water and allow ponding where sediment may settle out. Curb inlets typically include sediment lined barriers held in place with geotextile fabric. Other manufactured products are also available. All storm drains shall be protected by using straw bales, filter fabric, or equivalent barrier.

   (f) Check Dam - Defined channels subject to concentrated flows in larger quantities and higher velocities may be protected with erosion bail, rock, or other manufactured device check dams. The dams impound sediment-laden water to allow settlement of suspended soils before flowing over and through the device.

   (g) Diversion Berm - Diversion and berms (or dikes) are constructed as shown on the Construction Drawings at locations within the construction site to intercept overland flow and direct or divert flow to a sediment basin or other point where discharge can be controlled. Berms are built up on the surface soils and compacted to create a stable diversion. The temporary diversions are to be placed on the existing grade. General runoff is directed away from the temporary diversions, the diversion are diverting any perimeter runoff preventing any runoff from leaving the site.

   (h) Water Application of Polymers - The Contractor shall apply Polymers to all sediment traps and the wet detention pond for the duration of the construction project. Polymers shall be applied per Wisconsin DNR requirements (Technical Standard 1051).

   Final site stabilization is achieved when turf grass cover provides permanent stabilization for at least 70 percent of the disturbed soil surface, exclusive of areas that have been paved.

11. Other Pollutant Controls

   (a) Dust Control - Construction traffic must enter and exit the site at the stabilized construction exit. The purpose is to trap dust and mud that would otherwise be carried off-site by construction site.

   Water trucks or other dust control agents will be used as needed during construction to reduce dust generated on the site. Dust control must be provided by the General Contractor to a degree that is acceptable to the Owner's Construction Manager, and in compliance with applicable local and state dust control regulations. After construction, the site will be stabilized (as described elsewhere), which will reduce the potential for dust generation.

   (b) Solid Waste Disposal - No solid materials, including building materials, are allowed to be discharged from the site with storm water. All solid waste, including disposable materials incidental to the major construction activities, must be collected and placed in containers. The containers will be emptied as necessary by a contract trash disposal service and hauled away from the site. The location of solid waste receptacles shall be shown on the Erosion Control Plan.

   Substances that have the potential for polluting surface and/or groundwater must be controlled by whatever means necessary in order to ensure that they do not discharge from the site. As an example, special care must be exercised during equipment fueling and servicing operations. If a spill occurs, it must be contained and disposed so that it will not flow from the site or enter groundwater, even if this requires removal, treatment, and disposal of soil. In this regard, potentially polluting substances should be handled in a manner consistent with the impact they represent.

   (c) Sanitary Facilities - All personnel involved with construction activities must comply with state and local sanitary or septic system regulations. Temporary sanitary facilities will be provided at the site throughout the construction phase. They must be utilized by all construction personnel and must be serviced by a commercial operator.

   (d) Water Source - Non-storm water components of site discharge must be clean water. Water used for construction which discharges from the site must originate from a public water supplier, or private well approved by the State Health Department. Water used for construction that does not originate from an approved public supply must not discharge from the site. It can be retained in the ponds until it infiltrates and evaporates.

   (e) Concrete Waste from Concrete Ready-Mix Trucks - Discharge of excess or waste concrete and/or wash water from concrete trucks will be allowed on the construction site, but only in specifically designated diked areas prepared to prevent contact between the concrete and/or wash water and storm water that will be discharged from the site. Alternatively, waste concrete can be placed into forms to make rip-rap or other useful concrete products. The cured residue from the concrete washout diked areas shall be disposed in accordance with applicable state and federal regulations. The job site superintendent is responsible for assuring that these procedures are followed.

   (f) Fuel Tanks - Temporary on-site fuel tanks for construction vehicles shall meet all state and federal regulations. Tanks shall have approved spill containment with the capacity required by the applicable regulations. The tank shall be in sound condition free of rust or other damage which might compromise containment. Hoses, valves, fittings, caps, filler nozzles, and associated hardware shall be maintained in proper working condition at all times.

12. Prior to commencing site mass grading, the Grading Contractor shall complete a plan of areas that will be utilized for earth material stockpiling, and a plan for providing suitable erosion control measures. The location of the stockpiles shall not be within 20' of a drainage swale (existing, temporary, or proposed) or within 20' of the proposed ponds. The plan shall be submitted to Delta 3 Engineering for review and approval. Temporary seeding shall be provided for all stockpiled material per note 9 (a). A local perimeter control shall be place around the downstream side of all stockpiles. The perimeter control shall be placed 10' from the bottom of the stockpile slope. Local perimeter control to be silt fence unless an alternate is approved by the Engineer.

13. Minimizing Erosion and Runoff During Trench Operations

   (a) Excavated trench materials shall be placed on the upper side of the trench while the trench is open.

   (b) Excavated trench material, upon completing work in trench, shall be placed back in the trench or hauled away to a proper spoil site. The trench shall be backfilled and stabilized at the end of each working day.

14. The Contractor shall provide a schedule of mass grading to Delta 3 Engineering for review and approval prior to commencing grading activity. If necessary, the schedule shall section the mass grading operation into phases. Each phase shall take no more than 30 calendar days to complete. A phase shall be considered complete when final grading has been established, and restoration the disturbed area has been topsoiled, seeded, and mulched.

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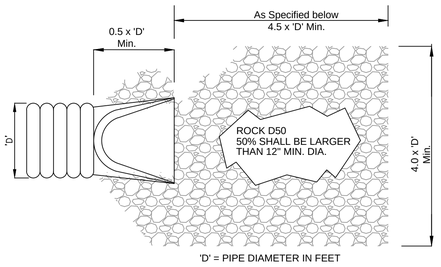
Phone: (608) 348-5355
Fax: (608) 348-5455

PSSI
OFFICE REMODEL / ADDITION
3681 PRISM LANE, KIELER, WI 53812

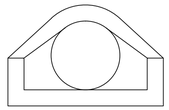
REVISIONS:

NO.	DATE	DESCRIPTION

CONSTRUCTION	
PROJECT NUMBER	D14-041
SHEET SCALE	1" = N.T.S.
DRAWN BY	C.Coyier
DATE ISSUED	November 6, 2014
SHEET NUMBER	C105 Details - Erosion Control



'D' = PIPE DIAMETER IN FEET



End View

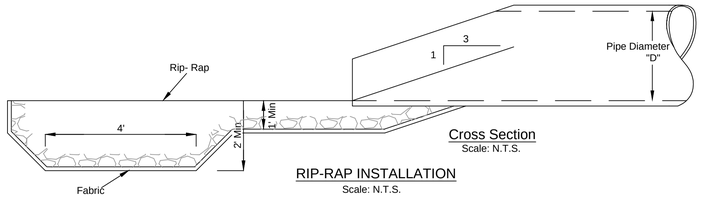
APRON ENDWALL DETAIL

Scale: N.T.S.

MINIMUM LENGTH OF APRON (FEET)

	PIPE DIAMETER											
	12"	15"	18"	21"	24"	27"	30"	36"	42"	48"	54"	60"
3cfs	8											
5cfs	8											
8cfs	11	10										
10cfs	14	12	10									
15cfs	18	16	14	12								
20cfs		18	18	16	12							
30cfs			22	20	18	16						
40cfs			26	24	24	20	18					
50cfs				26	26	24	22	18				
70cfs					30	30	28	25				
100cfs						36	36	33	27			
150cfs						42	42	42	38	33	28	
200cfs								48	45	42	37	32

From USDA Soil Conservation Service

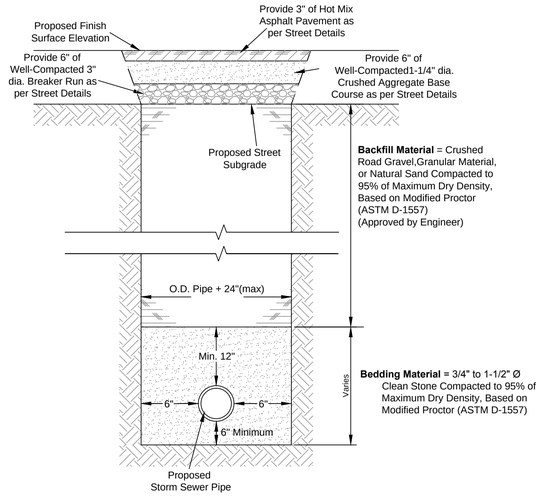


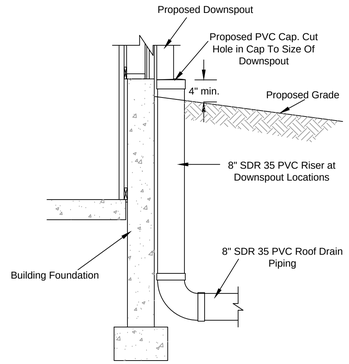
Cross Section

Scale: N.T.S.

RIP-RAP INSTALLATION

Scale: N.T.S.





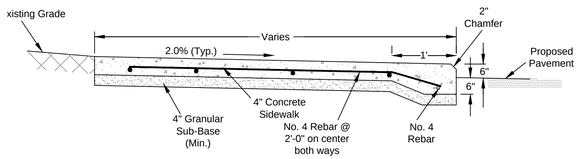
TYPICAL BUILDING STORM TO STORM SEWER CONNECTION

Scale: N.T.S.

TYPICAL TRENCH AND BEDDING DETAIL- STORM SEWER

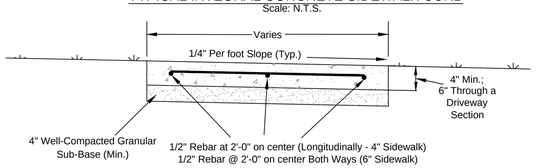
(Located under street, parking lot, driveway, etc.)

Scale: N.T.S.



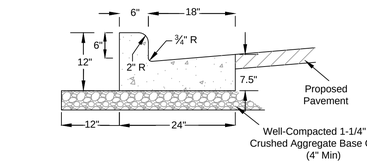
TYPICAL INTEGRAL CONCRETE SIDEWALK CURB

Scale: N.T.S.



TYPICAL CONCRETE SIDEWALK DETAIL

Scale: N.T.S.

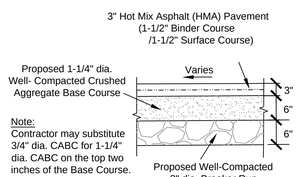


STANDARD 24" CURB & GUTTER DETAIL

Scale: N.T.S.

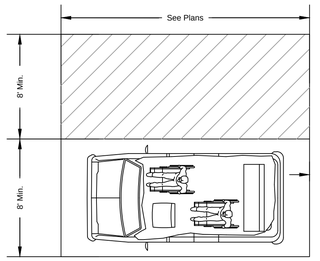
GENERAL NOTES- PAVEMENT

1. All areas disturbed during construction that are not to be paved shall be restored with a minimum 6" of topsoil, fertilizer, seed, and mulch unless otherwise specified.
2. Contractor will be responsible for replacement of all disturbed project area components including, but not limited to, existing concrete, bituminous pavement, gravel, culverts, water and sanitary sewer components, storm sewer system components, mailboxes, lawn ornaments, and landscaping that are not specifically noted for removal.



TYPICAL 3" HMA PAVEMENT SECTION

Scale: N.T.S.



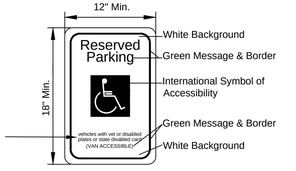
ACCESSIBLE PARKING DETAIL

Scale: N.T.S.

NOTE:

-Mount sign on wood 4"x4" post embed 42" min. into 18" dia. hole filled with concrete

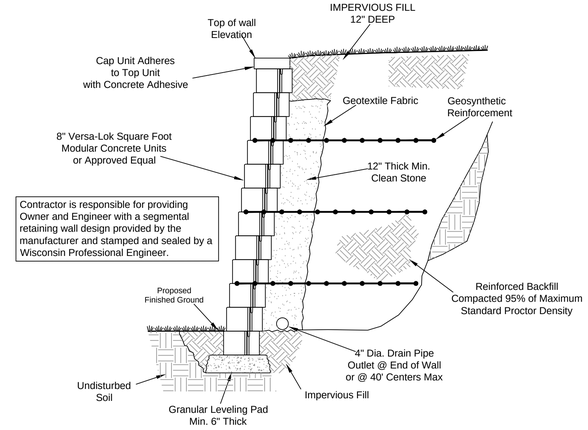
-Sign mounted max. 7' above finish grade (bottom of sign). Coordinate final height with owner.



HANDICAP PARKING SIGN DETAIL

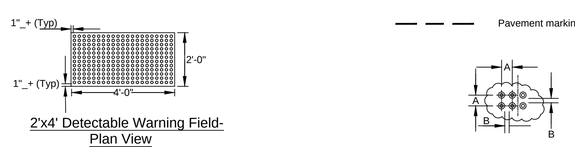
Scale: N.T.S.

TABLE 1106.1



TYPICAL SECTION - REINFORCED SEGMENTAL RETAINING WALL

Scale: N.T.S.

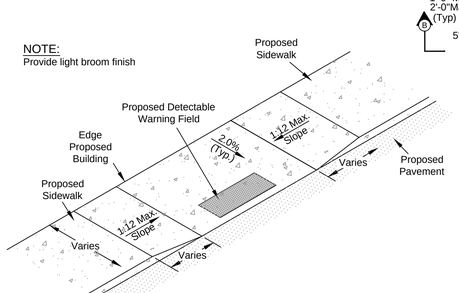


2'x4' Detectable Warning Field- Plan View

Scale: N.T.S.

2'x2' Detectable Warning Field- Plan View

Scale: N.T.S.



BLENDED SIDEWALK SECTION FOR INTREGAL SIDEWALKS

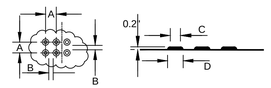
Scale: N.T.S.

LEGEND

Expansion Joint- sidewalk

Contraction Joint- Field Located

Pavement marking, White, 6- inch



Grid- Plan View

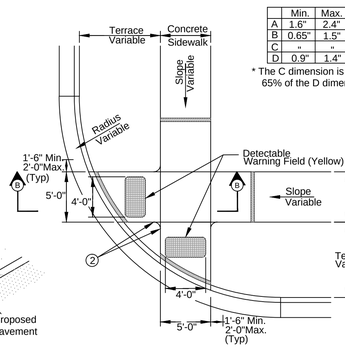
Scale: N.T.S.

Grid-Elevation-View

Scale: N.T.S.

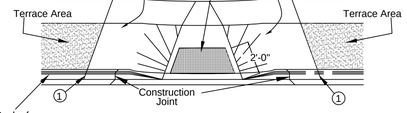
	Min.	Max.
A	1.6"	2.4"
B	0.65"	1.5"
C	"	"
D	0.9"	1.4"

* The C dimension is 50% to 65% of the D dimension



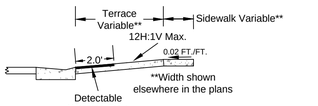
TYPE 2 HANDICAP RAMP DETAIL

Scale: N.T.S.



CROSS-SECTION A - HANDICAP RAMP DETAIL

Scale: N.T.S.



CROSS SECTION B - HANDICAP RAMP DETAIL

Scale: N.T.S.

GENERAL NOTES - HANDICAP RAMPS:

-Details of construction, materials and workmanship not shown on this drawing shall conform to the pertinent requirements of the Wisconsin Department of Transportation Standard Specifications (most current edition) and the applicable special provisions.

-Ramps shall be built at 12H:1V or flatter. When necessary, the sidewalk elevation may be lowered to meet the high point on the ramp.

-The Detectable Warning Field shall be paid for by each 2'x4' (8 S.F.) or 2'x2' (4 S.F.) installation.

-Curb ramp detectable warning field materials and devices shall be approved by the Engineer. The color of the Detectable Warning Field shall be yellow and is incidental to the bid item of "Curb Ramp Detectable Warning Field."

-Surface texture of the ramp shall be obtained by course brooming transverse to the slope of the ramp.

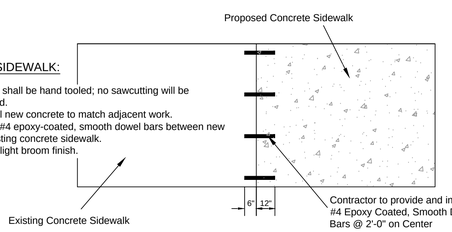
-Detectable warning fields for bike paths shall be 6' wide for a 10' wide ramp opening and 8' wide for a 12' wide opening. Detectable Warning Fields shall be centered on opening.

(1) This point is an extension of outside edge of approaching sidewalk where it meets the back of concrete curb.

(2) When this distance is less that 6'-0" it may be difficult to achieve a 12H: 1V slope, or flatter, on the ramp. Reduce curb height in triangle area to achieve 12H:1V slope, or flatter, on ramp. 2' minimum curb height.

NOTES - SIDEWALK:

1. All joints shall be hand tooled; no sawcutting will be permitted.
2. Score all new concrete to match adjacent work.
3. Provide #4 epoxy-coated, smooth dowel bars between new and existing concrete sidewalk.
4. Provide light broom finish.



TYPICAL SIDEWALK CONNECTION DETAIL

Scale: N.T.S.

DELTA 3 ENGINEERING INC

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PSSI

OFFICE REMODEL / ADDITION

3681 PRISM LANE, KIELER, WI 53812

REVISIONS:		
NO.	DATE	DESCRIPTION

For Construction	
PROJECT NUMBER	D14-041
SHEET SCALE	1" = N.T.S.
DRAWN BY	L. Rupp
DATE ISSUED	August 31, 2015
SHEET NUMBER	C106 Details - Site