CLASS I & CLASS III

EROSION CONTROL PERMIT

&

STANDARD DETAILS

City of CHAMPAIGN

CLASS 1 & 3 EROSION CONTROL PERMIT STANDARDS

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CLASS 1 & 3 EROSION CONTROL PERMIT STANDARDS

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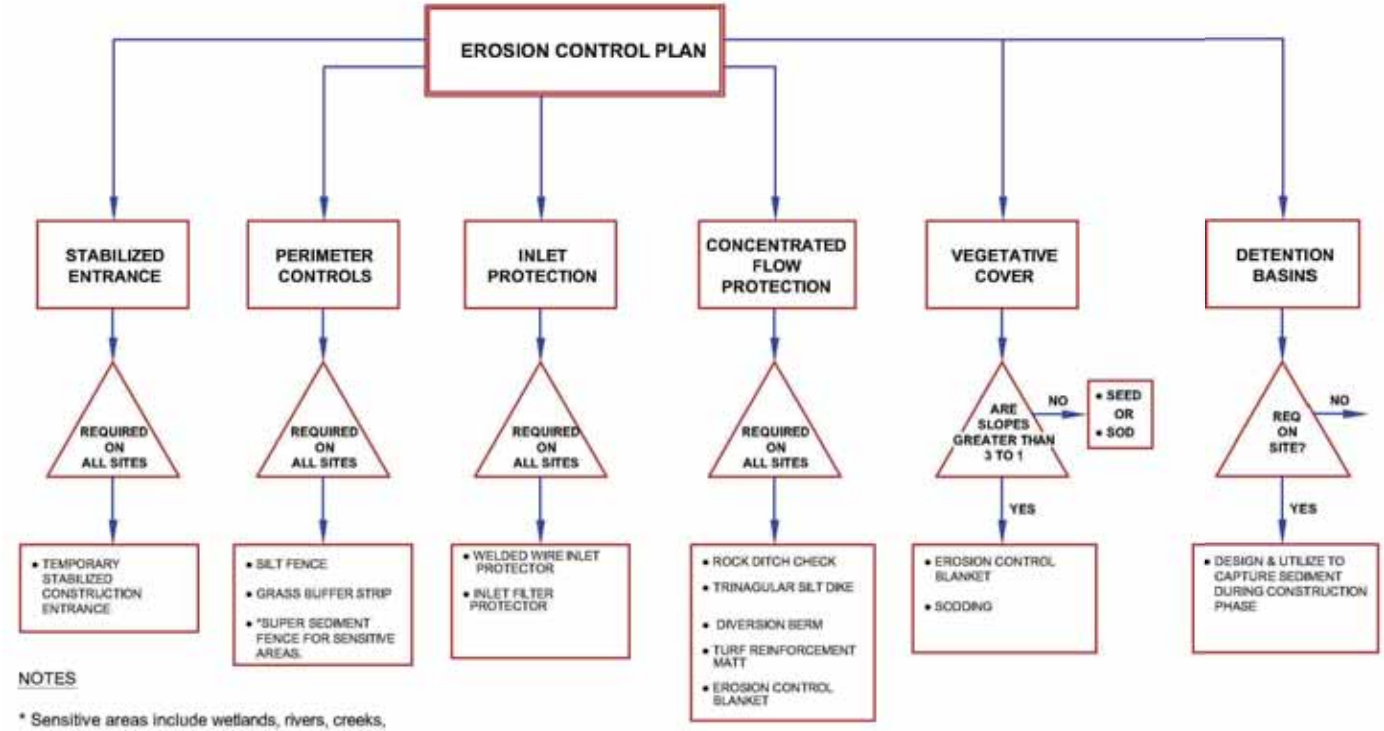
CLASS 1 & 3 EROSION CONTROL PERMIT

EROSION CONTROL PRACTICES FLOW CHART



NOTES

* Sensitive areas include wetlands, rivers, creeks, natural areas, and other areas designated by City.

City of Champaign
Engineering Division
702 Edgebrook Drive
Champaign, IL 61820
Phone 217-403-4710
Fax 217-403-4755

Date Received_____ Permit Number_____

Site Visit Date_____

Permit Fee_____ Check No._____

Permit Fees- $500 for first 5 acres and $20 per additional acre
Make check payable to City of Champaign

CLASS 1 LAND DISTURBANCE PERMIT FORM

(Land Disturbances that require an IEPA ILR-10 permit for one (1) acre or more land disturbance)

1. APPLICANT (Please check if applicant is the landowner or designated agent*)

Name Landowner Designated Agent*

Address

City State Zip Code Area Code/Telephone Number

2. ENGINEER

Name

Address

City State Zip Code Area Code/Telephone Number

License # State License Expiration Date

3. LOCATION

Subdivision Name

Subdivision Lot No. | **Tax ID Number**

Street Address

4. PROPOSED EARTH CHANGE

ILR-10 Permit No._____

Project Type: Residential Commercial Industrial (Copy must be attached)

5. Name and Telephone Number of on-site responsible person

Name Area Code/Telephone Number

I (we) affirm that the above information is accurate and that I (we) will conduct the above described earth change in accordance with Part 91 Soil Erosion and Sedimentation Control, of the Natural Resource and Environmental Protection Act, 1994 PA. No. 451 as amended, applicable local ordinances, and the documents accompanying this application.

I (we) request the City's Erosion Control Inspector to inspect and approve work completed in accordance with the approved Erosion and Sediment Control Plan.

_____

Landowner's Signature Print Name Date

_____

Designated Agent's Signature Print Name Date

6. Soil Erosion and Sedimentation Control Plan

Complete the following checklist and include the drawings, specifications, supporting documentation, and application.

EROSION AND SEDIMENT CONTROL PLAN CHECKLIST

Project: _____

Sheet/Page No.

I. Project Narrative Description

A. Description of proposed development . . . . . ☐ _____

B. Past, present and proposed land uses including adjacent properties . . . . . ☐ _____

C. Surface area involved, use of excess spoil material, use of borrow material ☐ _____

II. Vicinity Map – 500 ft around site

A. 8½" x 11" copy of a USGS map with the outline of the project area. . . . . ☐ _____

B. Scale indicated on map . . . . . ☐ _____

C. Streets and significant structures properly labeled on map. . . . . ☐ _____

D. Watercourses, water bodies, wetlands, and other significant geographic features in the vicinity of the project area properly identified and labeled on the maps . . . . . ☐ _____

III. Site Drawing(s)

A. Sealed by licensed professional engineer . . . . . ☐ _____

B. Existing and proposed contours shown and labeled -100 ft around site. . . . . ☐ _____

C. Property lines shown and labeled . . . . . ☐ _____

Sheet/Page No.

D. Scale, legend, and north arrow shown and labeled. . . . . ☐ _____

E. 100 year flood elevation and floodplain delineation shown and labeled . . . . ☐ _____

F. Delineation of any wetlands, natural or artificial water storage detention areas, and drainage ditches on the site. . . . . ☐ _____

G. Delineation of any storm drainage systems including quantities of flow and site conditions around all points of surface water discharge from the site. . . . ☐ _____

H. Delineation of any areas of vegetation or trees to be preserved . . . . . ☐ _____

I. Delineation of any grading or land disturbance activity including specific limits of disturbance and stockpile locations . . . . . ☐ _____

J. Stabilized construction entrance provisions shown and labeled . . . . . ☐ _____

K. Perimeter erosion control provisions shown and labeled . . . . . ☐ _____

- Silt Fence
- Grass Buffer Strip
- Super Sediment Fence for Sensitive Areas

L. Inlet protection provisions shown and labeled . . . . . ☐ _____

- Stone Bags
- Welded Wire Inlet Protectors
- Approved Manufacturers Product

M. Concentrated flow provisions shown and labeled . . . . . ☐ _____

- Diversion Berms
- Erosion Control Blanket
- Turf Reinforcement Matt
- Stone Ditch Check

N. Vegetative restoration provisions shown and labeled . . . . . ☐ _____

- Seed
- Erosion Control Blanket
- Sod

O. Sediment traps or basins shown and labeled . . . . . ☐ _____

P. Plan note stating "Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days on all perimeter dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); embankments of ponds, basins, and traps; and within fourteen (14) days on all other disturbed or graded areas. The requirements of this section do not apply to those areas which are shown on the plan and are currently being used for material storage or for those areas on which actual construction activities are currently being performed." . . . . . ☐ _____

Q. Erosion control provision details in accordance with standards presented in the Manual of Practice. . . . . ☐ _____

IV. Chronological Construction Schedule and Time Frame including the following:

A. Clearing and grubbing those areas necessary for installation of perimeter erosion control devices . . . . . ☐ _____

B. Construction of perimeter erosion control devices . . . . . ☐ _____

C. Remaining interior site clearing and grubbing. . . . . ☐ _____

D. Installation of permanent and temporary stabilization measures. . . . . ☐ _____

E. Road grading . . . . . ☐ _____

F. Grading for remainder of the site . . . . . ☐ _____

G. Building, parking lot, and site construction . . . . . ☐ _____

H. Final grading, landscaping, or stabilization . . . . . ☐ _____

I. Implementation and maintenance of final erosion control structures . . . . . ☐ _____

J. Removal of temporary erosion control devices . . . . . ☐ _____

V. Specifications

A. Sediment retention structure specifications . . . . . ☐ _____

B. Surface runoff and erosion control devices specifications . . . . . ☐ _____

VI. Vegetative Measures

A. Description of vegetative measures . . . . . ☐ _____

B. Proposed vegetative conditions of the site on the 15th of each month between and including the months of April through October . . . . . ☐ _____

VII. Concrete Washout Facilities

A. Location of Concrete Washout Facility shown on Site Plan . . . . . ☐ _____

B. Details of Concrete Washout Facility ☐ _____

City of Champaign
Engineering Division
702 Edgebrook Drive
Champaign, IL 61820
Phone 217-403-4710
Fax 217-403-4755

General Permit Number:_____

No Permit Fees Required For Class III Permits

CLASS III LAND DISTURBANCE PERMIT FORM

(Utility Company Land Disturbances Between 2,000 square feet and one (1) acre)

1. UTILITY COMPANY

Name

_____

Address

_____

City State Zip Code Area Code/Telephone Number

2. APPLICANT

Name Title of Applicant

_____

Address

_____

City State Zip Code Area Code/Telephone Number

_____

Signature of Applicant **Date**

3. LOCAL PERSON RESPONSIBLE FOR CONSTRUCTION SITE EROSION CONTROL

Name Title

_____

Address

_____

City State Zip Code Area Code/Telephone Number

_____

Fax Number Cell Phone Number

_____

Email Address

A GENERAL EROSION CONTROL PLAN OR PLANS THAT INCLUDES THE BEST MANAGEMENT PRACTICES (BMP) TYPICALLY USED ON THE LAND DISTURBING CONSTRUCTION ANTICIPATED DURING THE YEAR IS PROVIDED AS AN ATTACHMENT TO THIS GENERAL PERMIT APPLICATION (27.08(3)).

1. A General Permit may be issued for land disturbing construction activities that are subject to the City of Champaign Construction Site Erosion Control Regulations and Manual of Practice.

2. General Permits may be issued to a utility company for a one-year period.

Application Review by: _____ Date: _____

Permit Issued by: _____ Date: _____

CLASS 1 SAMPLE PERMIT PLAN

CLASS 1 PERMIT

TYPICAL EROSION CONTROL PLAN ELEMENTS

① SUPER SEDIMENT FENCE TO PROTECT SENSITIVE AREAS.

② STABILIZED CONSTRUCTION ENTRANCES.

③ STABILIZE PARKING AND LAY DOWN AREA WITH GRAVEL PAD AND SILT FENCE AROUND DOWNHILL SIDES.

④ BUILD DETENTION PONDS AND SEDIMENT TRAPS

⑤ DIVERT UPSTREAM SITE WATER AROUND SITE WITH DIVERSION BERMS

⑥ PROTECT STOCKPILE WITH TEMPORARY VEGETATION AND SILT FENCE.

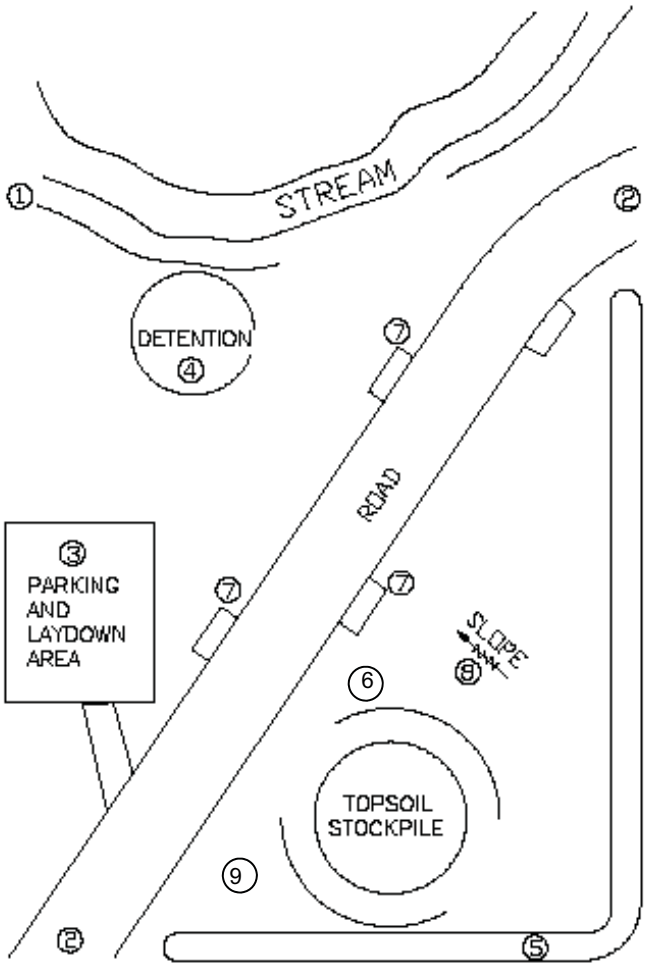
⑦ INLET PROTECTION ONCE STORM SEWERS ARE IN PLACE.

⑧ STABILIZE SOIL WITHIN 14 DAYS OF ROUGH GRADING WITH SOD, SEED BLANKETS, HYDRO MULCH, ETC.

⑨ SLOPES GREATER THAN 3:1 MUST RECEIVE EROSION CONTROL PROTECTION OF BLANKET OR SOD WITHIN 7 DAYS OF BEING PLACED OR STRIPPED.

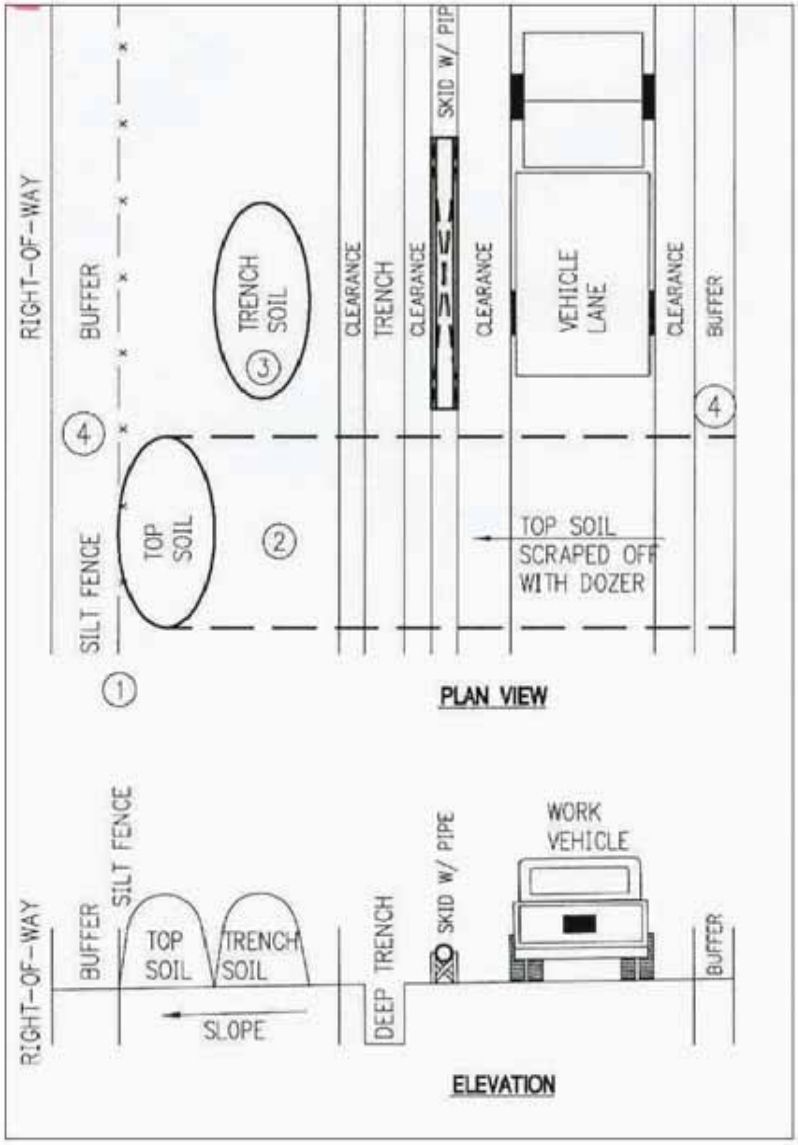
LEGEND

—— SILT FENCE OR OTHER LIKE CONTROL



CLASS 3 PERMIT

SAMPLE EROSION CONTROL PLAN DRAWING #1



CLASS III PERMIT
SAMPLE EROSION CONTROL
PLAN #1

① INSTALL FENCE ON DOWNHILL SIDE OF STOCK PILE.

② BLADE TOPSOIL INTO A PILE.

③ STOCKPILE TRENCH SOIL.

④ MAINTAIN VEGETATIVE BUFFERS ON BOTH EDGES OF UTILITY R-O-W.

CLASS 3 PERMIT

SAMPLE EROSION CONTROL PLAN DRAWING #2

CLASS 3 PERMIT
SAMPLE EROSION CONTROL
PLAN #2

① INLET PROTECTION ALTERNATES
–DIVERT OFFSITE WATER
–SEDIMENT TRAP

② RESTORE VEGITATION
–DEFINE PHASES
–DEFINE LAPSED TIME
–PLANT AS YOU GO

③ STOCKPILE ON PAVEMENT
–AVOID IF POSSIBLE
–LIMIT ON DURATION
–CONSIDER CLIMATE CONDITIONS DURING CONSTRUCTION PERIOD
–CONSIDER TARPS OR TREATMENT
–CONSIDER DIVERSION

④ WORK CROSSES FLOWLINE
–TIMING OF PAVEMENT PATCH
–RESTRICT TIMING TO PERIOD OF NO RAIN FORECAST
–CONTAIN FLOW IN FLOWLINES

⑤ CONCENTRATED FLOW CROSSING
–IMMEDIATE STABILIZATION
–SELECT SOD OR BLANKETS

⑥ PLAN SHOULD INDICATE REQUIRED MAINTENANCE & WHEN TO REMOVE ESC DEVICE

LEGEND

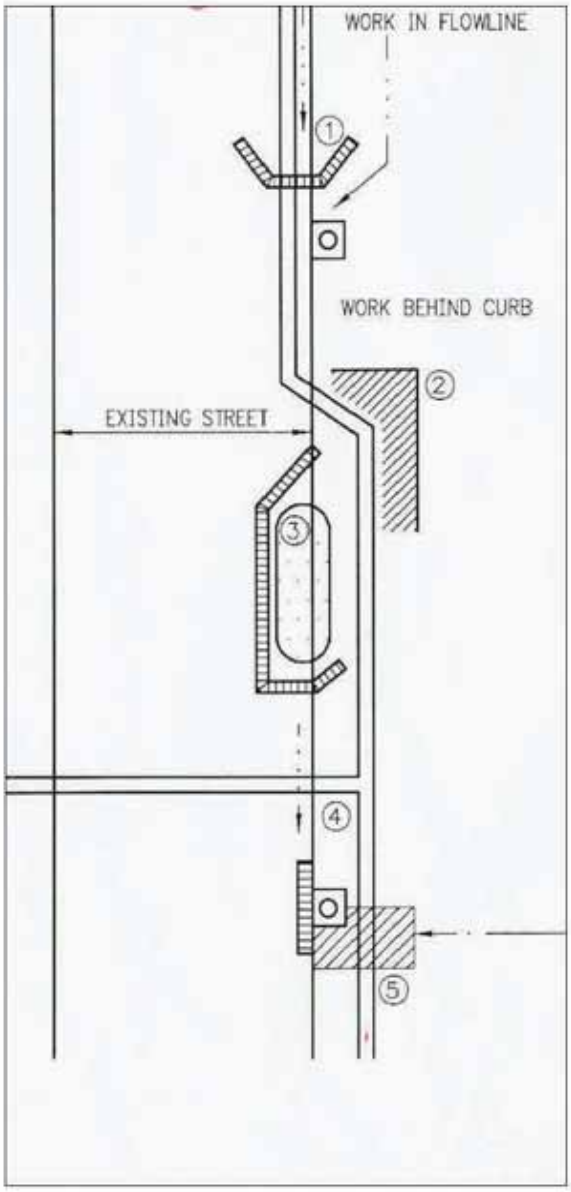
FLOW BARRIER

STORM SEWER INLET

STOCKPILED MATERIAL

CONCENTRATED FLOW PATH

STABILIZED SOIL



ESC IS EROSION AND SEDI,MENT CONTROL DEVICE

CLASS 3 PERMIT

SAMPLE EROSION CONTROL PLAN DRAWING #3

CLASS III PERMIT
SAMPLE EROSION CONTROL PLAN #3

① CONSTRUCTION ENTRY AT HAUL ROAD ACCESS TO STREET.

② BEDDING STOCKPILE. AVOID CONCENTRATED FLOW AREAS.

③ MINIMIZE DISTURBED AREA. CONSIDER FENCING TO CONTROL TRAFFIC. DEFINE SEQUENCE OF CLEARING.

④ TOPSOIL. STOCKPILE FOR REUSE. DIVERT WATER. TRAP AND TREAT RUNOFF. TARP OR SEED IF STOCKPILE TO LAST FOR MORE THAN 21 DAYS.

⑤ PLAN SHOULD INDICATE REQUIRED MAINTENANCE & WHEN TO REMOVE ESC DEVICE.

⑥ ESTABLISH VEGITATIVE COVER. BREAK OVERALL PROJECT INTO PHASES FOR REVEGITATION. MINIMIZE LAPSED TIME FOR REVEGITATION. SEED AS YOU GO. SEPERATE TIME LINES FOR TRENCH AND HAUL ROAD.

⑦ SLOPE ALONG MAIN. DIVERT SHEET FLOW TO UNDISTURBED AREAS. REFER TO STD. DRAWING.

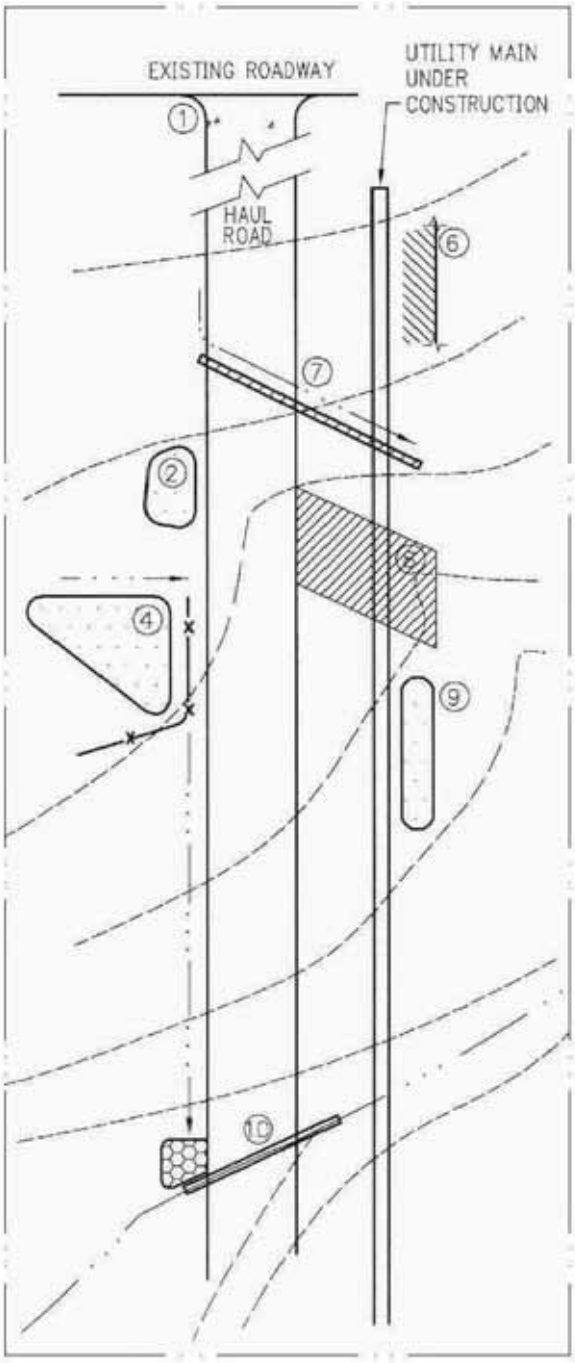
⑧ CONCENTRATED FLOW CROSSING. IMMEDIATE STABILIZATION. SELECT SOD OR BLANKETS. RESTRICT TIMING TO PERIOD OF NO RAIN FORECAST.

⑨ SLOPE ACROSS MAIN. DOWNHILL LOCATION OF TRENCH SPOIL STOCKPILE. CONSIDER DIVERSION OF CLEAN WATER PAST CONSTRUCTION AREA OUTLET PROTECTION. CONSIDER LIMITS OF DURATION & LINEAR EXTENT OF EXPOSED TRENCH & STOCKPILE.

⑩ TEMPORARY STREAM CROSSING. SELECT LOW WATER OR CULVERT CROSSING. BANK RESTORATION. REFER TO STREAM CROSSING STD. DRAWING.

LEGEND

- CONSTRUCTION ENTRY
- FLOW BARRIER
- SILT FENCE
- CONCENTRATED FLOW PATH
- STOCKPILED MATERIAL
- STABILIZED SOIL
- EROSION PROTECTION



ESC IS EROSION AND SEDI,MENT CONTROL DEVICE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INTENT (NOI)

GENERAL PERMIT TO DISCHARGE STORM WATER CONSTRUCTION SITE ACTIVITIES

OWNER INFORMATION

NAME:	LAST FIRST MI. (SEE INSTRUCTIONS)					OWNER TYPE: (SELECT ONE AND TYPE "X") ☐ PRIVATE ☐ COUNTY ☐ STATE	
MAILING ADDRESS:						☐ CITY ☐ SPECIAL DISTRICT	
CITY:		ST:		ZIP:		☐ FEDERAL	
CONTACT PERSON:						TELEPHONE NUMBER:	AREA CODE / NUMBER

CONTRACTOR INFORMATION

NAME	LAST FIRST MI. (SEE INSTRUCTIONS)			TELEPHONE NUMBER:		AREA CODE	NUMBER
MAILING ADDRESS:		CITY:		ST:		ZIP:	

CONSTRUCTION SITE INFORMATION

SELECT ONE:	☐ EXISTING SITE	☐ NEW SITE	☐ CHANGE OF INFORMATION	GENERAL NPDES PERMIT NO.	I L R 1 0	
FACILITY NAME:			OTHER NPDES PERMIT NUMBERS:			
FACILITY ADDRESS:			TELEPHONE NUMBER:		AREA CODE	NUMBER
CITY:		ST: IL	ZIP:	LATITUDE: DEG. MIN. SEC	LONGITUDE:	DEG. MIN. SEC.
COUNTY:		SECTION:		TOWNSHIP:	RANGE:	
START OF CONSTRUCTION DATE:	MM/DD/YY	END OF CONSTRUCTION DATE:	MM/DD/YY		TOTAL SIZE OF CONSTRUCTION SITE IN ACRES:	

TYPE OF CONSTRUCTION (TYPE "X" FOR ALL THAT APPLY)

☐ RESIDENTIAL ☐ COMMERCIAL ☐ INDUSTRIAL ☐ RECONSTRUCTION ☐ TRANSPORTATION ☐ OTHER

HISTORIC PRESERVATION AND ENDANGERED SPECIES COMPLIANCE (OPTIONAL)

HAS THIS PROJECT SATISFIED APPLICABLE REQUIREMENTS FOR COMPLIANCE WITH ILLINOIS LAW ON:

HISTORIC PRESERVATION ☐ YES ☐ NO, AND

ENDANGERED SPECIES ☐ YES ☐ NO?

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a storm water pollution prevention plan and a monitoring program plan, will be complied with.

OWNER SIGNATURE: ______________________ DATE: ______________

MAIL COMPLETED FORM TO:

(DO NOT SUBMIT ADDITIONAL DOCUMENTATION UNLESS REQUESTED)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
POST OFFICE BOX 19276
SPRINGFIELD, Illinois 62794-9276

FOR OFFICE USE ONLY

LOG:	
PERMIT:	ILR00
DATE:	

Information required by this form must be provided to comply with 415 ILCS 5/39(1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

IL 532 2104
WPC 623 Rev. 5/98

GUIDELINES FOR COMPLETION OF NOTICE OF INTENT (NOI) FORM

Please adhere to the following guidelines to allow automated forms processing using Optical Character Recognition (OCR) technology.

- Submit original forms. Do not submit photocopies. Original forms can be obtained from:

  Illinois Environmental Protection Agency
  Division of Water Pollution Control
  Permits Section
  2200 Churchill Road
  P.O. Box 19276
  Springfield, IL 62794-9276
  or call (217)782-0610

- Reports must be typed and signed. Do not staple.

- Center your information by typing within the allocated areas avoiding all lines which border the areas.

- Provide only one line of type per allocated area.

- Replace typewriter ribbons and clean as necessary to avoid smeared, faint or illegible characters.

- Use the formats given in the following examples for correct form completion.

	EXAMPLE	FORMAT
NAME:	Smith John C	Last First Middle Initial
	Taylor T J Mfg Co	Surname First (or initials) and remainder
	LJ Trucking Co	Initials and remainder
DATE:	06/30/92	Month/day/year
SECTION:	12	1 or 2 numerical digits
TOWNSHIP:	12N	1 or 2 numerical digits followed by "N" or "S"
RANGE:	12W	1 or 2 numerical digits followed by "E" or "W"
AREA CODE:	217	3 numerical digits
TELEPHONE NUMBER:	782-0610	3 numerical digits followed by a hyphen and 4 more numerical digits
ZIP CODE:	62546	5 numerical digits only

Illinois Department of Transportation

Contractor Certification Statement

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency on May 14, 1998.

Project Information:

Route _____ Marked _____

Section _____ Project No. _____

County _____

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

_____ _____
Signature Date

_____
Title

_____
Name of Firm

_____
Street Address

_____
City State

_____
Zip Code

_____
Telephone Number

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

CONSTRUCTION SITE STORM WATER DISCHARGE INCIDENCE OF NON-COMPLIANCE (ION)

IMPORTANT: FORM MUST BE TYPED TO ENABLE AUTOMATED OPTICAL PROCESSING.

SUBMIT ORIGINAL FORM - DO NOT SUBMIT PHOTOCOPY

PERMITTEE NAME:	LAST	FIRST	MI.	(SEE INSTRUCTIONS)			
STREET:		CITY:		ST:		ZIP:	
CONSTRUCTION SITE NAME:							
COUNTY:		SECTION:		TOWNSHIP:		RANGE:	
NPDES PERMIT NUMBER: I L R 1 0	TELEPHONE NUMBER: AREA CODE / NUMBER	LATITUDE: NEAREST 15 SECONDS	DEG.	MIN.	SEC.	LONGITUDE: NEAREST 15 SECONDS	DEG. MIN. SEC.
DATE(S) OF NON-COMPLIANCE:							

CAUSE OF NON-COMPLIANCE

ACTIONS TAKEN TO PREVENT ANY FURTHER NON-COMPLIANCE

ENVIRONMENTAL IMPACT RESULTING FROM THE NON-COMPLIANCE

ACTIONS TAKEN TO REDUCE THE ENVIRONMENTAL IMPACT RESULTING FROM THE NON-COMPLIANCE

Signature: ______________________ Title: ______________________ Date: ____________

Return completed form to:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section #19
2200 Churchill Road
P.O. Box 19276
Springfield, IL 62794-9276

FOR OFFICE USE ONLY

LOG	
PERMIT	ILR10
DATE	

This Agency is authorized to require this information under Illinois Revised Statutes, 1991, Chapter 111 1/2, Section 1039. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 per day of violation or a fine up to $25,000.00 per day of violation and imprisonment up to three years. This form has been approved by the Forms Management Center.

GUIDELINES FOR COMPLETION OF INCIDENCE OF NON-COMPLIANCE (ION) FORM

Complete and submit this form for any violation of the Storm Water Pollution Prevention Plan observed during any inspection conducted, including those not required by the Plan. Please adhere to the following guidelines to allow automated forms processing using Optical Character Recognition (OCR) technology.

- Submit original forms. Do not submit photocopies. Original forms can be obtained from:

  Illinois Environmental Protection Agency
  Division of Water Pollution Control
  Permits Section
  2200 Churchill Road
  P.O. Box 19276
  Springfield, IL 62794-9276
  or call (217)782-0610

- Reports must be typed and signed. Do not staple.

- Center your information by typing within the allocated areas avoiding all lines which border the areas.

- Provide only one line of type per allocated area unless you are describing the cause of non-compliance, environmental impact, or actions taken.

- Replace typewriter ribbons and clean as necessary to avoid smeared, faint or illegible characters.

- Use the formats given in the following examples for correct form completion.

	EXAMPLE	FORMAT
NAME:	Smith John C	Last First Middle Initial
	Taylor T J Mfg Co	Surname First (or initials) and remainder
	LJ Trucking Co	Initials and remainder
DATE:	06/30/92	Month/day/year
SECTION:	12	1 or 2 numerical digits
TOWNSHIP:	12N	1 or 2 numerical digits followed by "N" or "S"
RANGE:	12W	1 or 2 numerical digits followed by "E" or "W"
AREA CODE:	217	3 numerical digits
TELEPHONE NUMBER:	782-0610	3 numerical digits followed by a hyphen and 4 more numerical digits
ZIP CODE:	62546	5 numerical digits only

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF TERMINATION (NOT) OF COVERAGE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES

OWNER INFORMATION

NAME:	LAST	FIRST	MI. (SEE INSTRUCTIONS)				
MAILING ADDRESS:							
CITY:		ST:		ZIP:			
CONTACT PERSON:				TELEPHONE NUMBER:	AREA CODE	NUMBER	

OWNER TYPE: (SELECT ONE AND TYPE "X")

☐ PRIVATE ☐ COUNTY ☐ STATE

☐ CITY ☐ SPECIAL DISTRICT

☐ FEDERAL

CONTRACTOR INFORMATION

NAME:	LAST	FIRST	MI. (SEE INSTRUCTIONS)		TELEPHONE NUMBER:	AREA CODE	NUMBER		
MAILING ADDRESS:			CITY:			ST:		ZIP:	

CONSTRUCTION SITE INFORMATION

FACILITY NAME:					NPDES STORM WATER GENERAL PERMIT NUMBER:	I	L	R	1	0					
MAILING ADDRESS:															
CITY:		ST:	IL	ZIP:	LATITUDE: (NEAREST 15 SECONDS)	DEG.	MIN.	SEC.	LONGITUDE: (NEAREST 15 SECONDS)	DEG.	MIN.	SEC.			
COUNTY:		SECTION:			TOWNSHIP:				RANGE:						

"I certify under penalty of law that disturbed soils at the identified facility have been finally stabilized or that all storm water discharges associated with industrial activity from the identified facility that are authorized by an NPDES general permit have otherwise been eliminated. I understand that by submitting this notice of termination, that I am no longer authorized to discharge storm water associated with industrial activity by the general permit, and that discharging pollutants in storm water associated with industrial activity to Waters of the State is unlawful under the Environmental Protection Act and the Clean Water Act where the discharge is not authorized by an NPDES permit."

OWNER SIGNATURE: _____ DATE: _____

MAIL COMPLETED FORM TO:

(DO NOT SUBMIT ADDITIONAL DOCUMENTATION UNLESS REQUESTED)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
2200 CHURCHILL ROAD
POST OFFICE BOX 19276
SPRINGFIELD, IL 62794-9276

FOR OFFICE USE ONLY

LOG	
PERMIT	ILR10
DATE	

This Agency is authorized to require this information under Illinois Revised Statutes, 1991, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

GUIDELINES FOR COMPLETION OF NOTICE OF TERMINATION (NOT) FORM

Please adhere to the following guidelines to allow automated forms processing using Optical Character Recognition (OCR) technology.

- Submit original forms. Do not submit photocopies. Original forms can be obtained from:

  Illinois Environmental Protection Agency
  Division of Water Pollution Control
  Permits Section
  2200 Churchill Road
  P.O. Box 19276
  Springfield, IL 62794-9276
  or call (217)782-0610

- Reports must be typed and signed. Do not staple.

- Center your information by typing within the allocated areas avoiding all lines which border the areas.

- Provide only one line of type per allocated area.

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RANGE:	12W	1 or 2 numerical digits followed by "E" or "W"
AREA CODE:	217	3 numerical digits
TELEPHONE NUMBER:	782-0610	3 numerical digits followed by a hyphen and 4 more numerical digits
ZIP CODE:	62546	5 numerical digits only

SWPPP INSPECTION REPORT
City of Champaign, Illinois

PROJECT NAME: _____

EROSION CONTROL PERMIT NO. _____

INSPECTION TYPE (circle one): ***Routine Weekly*** ***Post Rain***

DATE: _____FOR WEEK ENDING: _____

WEATHER: _____

DATE AND TIME OF LAST STORM EVENT: _____

INSPECTOR INFORMATION: _____ _____
(PRINT NAME) (TITLE)

_____
(SIGNATURE)

NO.	DESCRIPTION	YES	NO	N/A
1.	Are all erosion control devices in-place and functioning in accordance with the SWPPP and erosion control site map?			
2.	Are all sediment traps, barriers, and basins clean and functioning properly?			
3.	Are sediment controls in place at the site perimeter and storm drain inlets?			
4.	Are all discharge points free of any noticeable pollutants?			
5.	Are construction accesses stabilized adequately?			
6.	Is sediment, debris, or mud being cleaned from public roads where they intersect with site access roads?			
7.	Are all exposed slopes protected from erosion?			
8.	Are all temporary stockpiles or construction materials located in approved areas (as shown on map) and protected from erosion?			
9.	Are dust control measures being appropriately implemented?			
10.	Are all materials and equipment properly covered?			
11.	Are all material (paint, fuel, oil, etc.) handling and storage areas clean and free of spills and leaks?			
12.	Are all equipment storage and maintenance areas clean and free of spills and leaks?			
13.	Is concrete washing conducted on-site? If so, are wash-out areas defined and maintained properly?			
14.	Are there areas where construction activities have temporarily or permanently ended?			
15.	Is construction debris or other litter being blown off-site?			
16.	Are off-site material storage areas being managed properly?			
17.	Is the Notice of Permit Coverage posted in a location where the public can view it without entering the site?			
18.	Other:			

If any answer is "No", describe needed corrections on reverse side. Indicate the location of needed corrections and date corrections are made on attached site map.

Development Name:_____

Development Address:

File No._____

Inspection Date:_____

Time:_____

NOTES

Illinois Department of Transportation

Storm Water Pollution Prevention Plan

Route _____ Marked _____

Section _____ Project No. _____

County _____

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency for storm water discharges from Construction Site Activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

_____ _____

Signature Date

_____

Title

1. Site Description

a. The following is a description of the construction activity which is the subject of this plan (use additional pages, as necessary):

b. The following is a description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as grubbing, excavation and grading (use additional pages, as necessary):

c. The total area of the construction site is estimated to be _____ acres.

The total area of the site that it is estimated will be disturbed by excavation, grading or other activities is _____ acres.

d. The estimated runoff coefficients of the various areas of the site after construction activities are completed are contained in the project drainage study which is hereby incorporated by reference in this plan. Information describing the soils at the site is contained either in the Soils Report for the project, which is hereby incorporated by reference, or in an attachment to this plan.

e. The design/project report, hydraulic report, or plan documents, hereby incorporated by reference, contain site map(s) indicating drainage patterns and approximate slopes anticipated after major grading activities, areas of major soil disturbance, the location of major structural and nonstructural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to a surface water.

f. The names of receiving water(s) and area extent of wetland acreage at the site are in the design/project report or plan documents which are incorporated by reference as a part of this plan.

2. Controls

This section of the plan addresses the various controls that will be implemented for each of the major construction activities described in 1.b. above. For each measure discussed, the contractor that will be responsible for its implementation is indicated. Each such contractor has signed the required certification on forms which are attached to, and a part of, this plan:

a. Erosion and Sediment Controls

(i) Stabilization Practices. Provided below is a description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided in 2.a.(i).(A) and 2.b., stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased on all disturbed portions of the site where construction activity will not occur for a period of 21 or more calendar days.

(A) where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable thereafter.

Description of Stabilization Practices (use additional pages, as necessary):

(ii) **Structural Practices.** Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

Description of Structural Practices (use additional pages, as necessary):

b. Storm Water Management

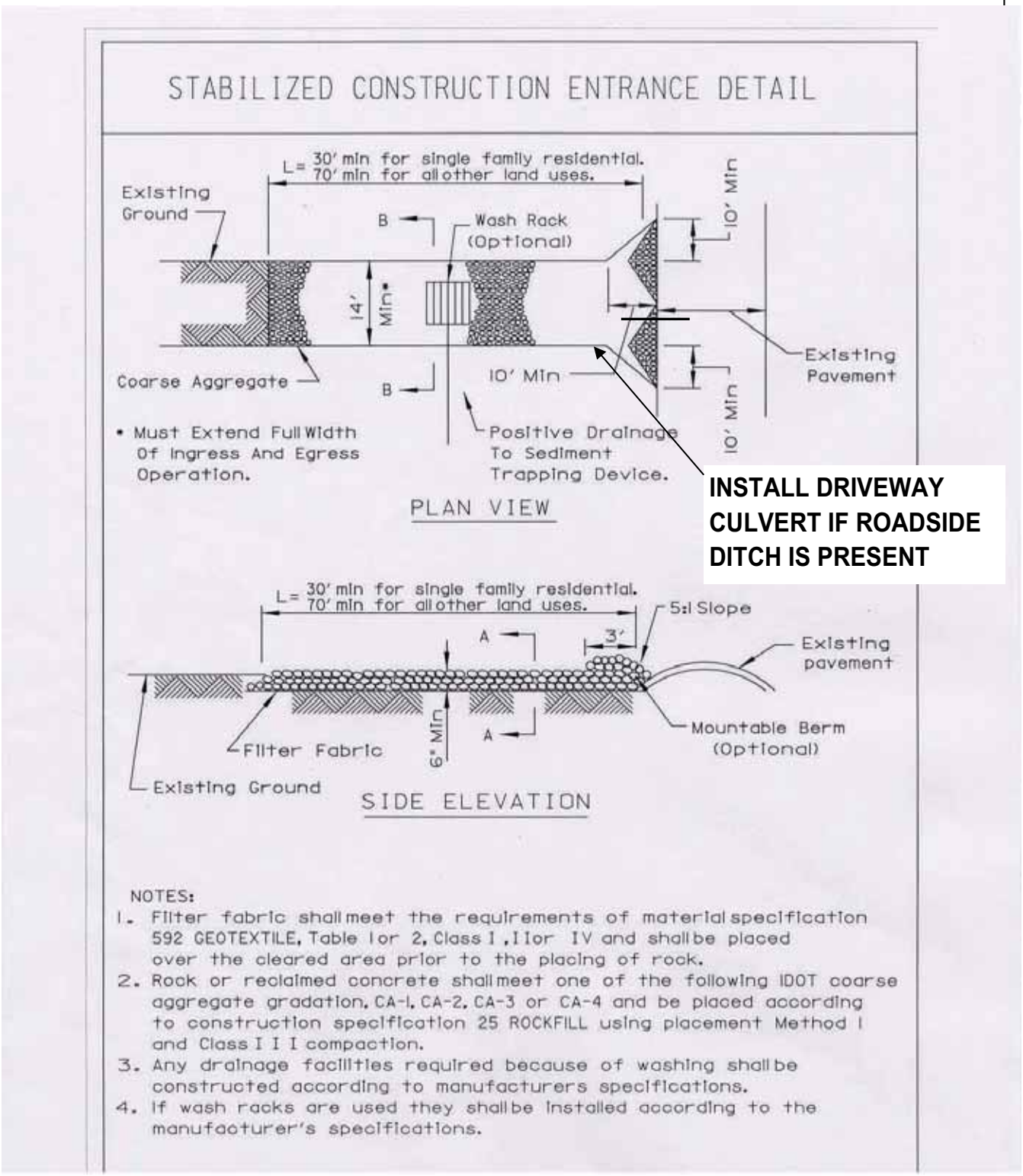
Provided below is a description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

(I) Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on site; and sequential systems (which combine several practices). **The practices selected for implementation were determined on the basis of the technical guidance in Section 10-300 (Design Considerations) in Chapter 10 (Erosion and Sedimentation Control) of the Illinois Department of Transportation Drainage Manual. If practices other than those discussed in Section 10-300 are selected for implementation or if practices are applied to situations different from those covered in Section 10-300, the technical basis for such decisions will be explained below.**

(ii) Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of Storm Water Management Controls (use additional pages, as necessary):

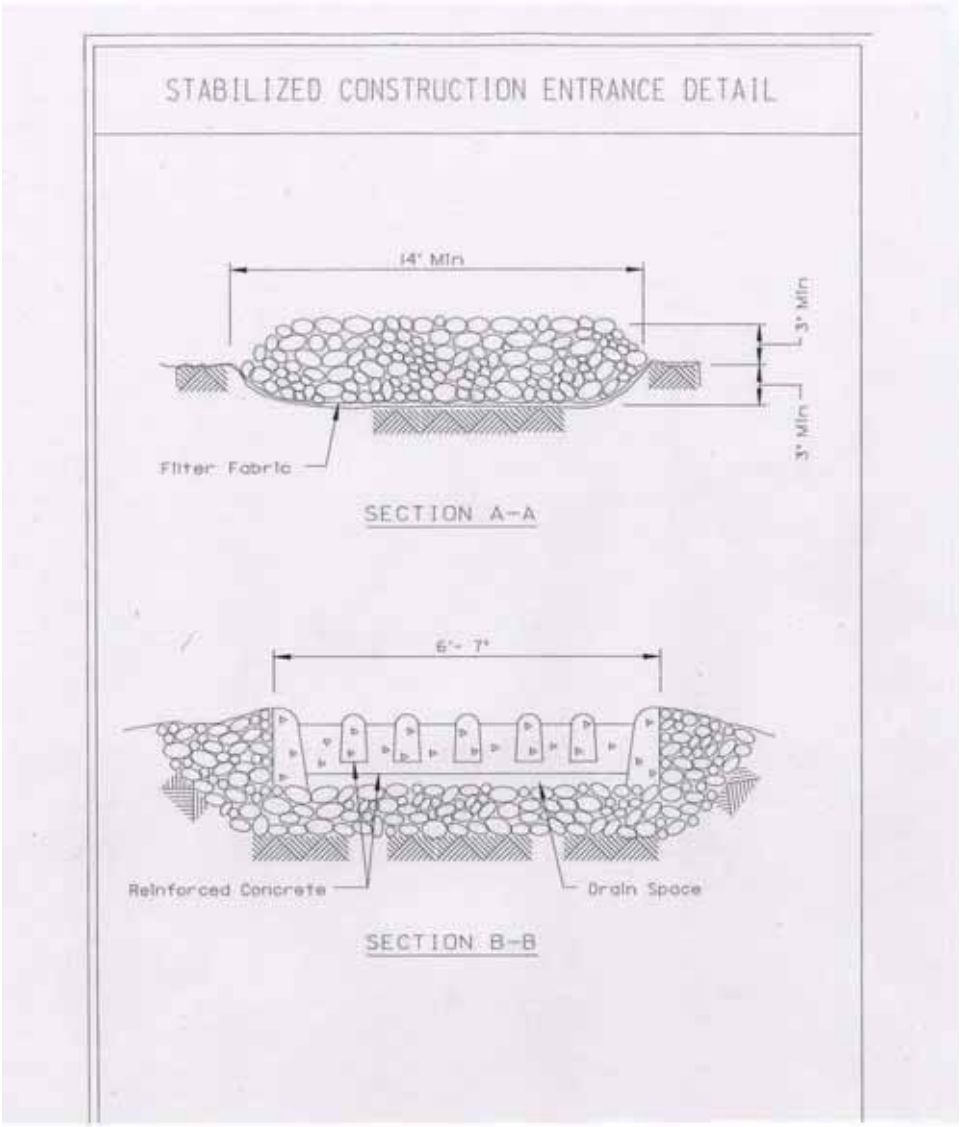
STABILIZED CONSTRUCTION ENTRANCE:



NOTES:

1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method I and Class I I I compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

STABILIZED LOT ENTRANCE:



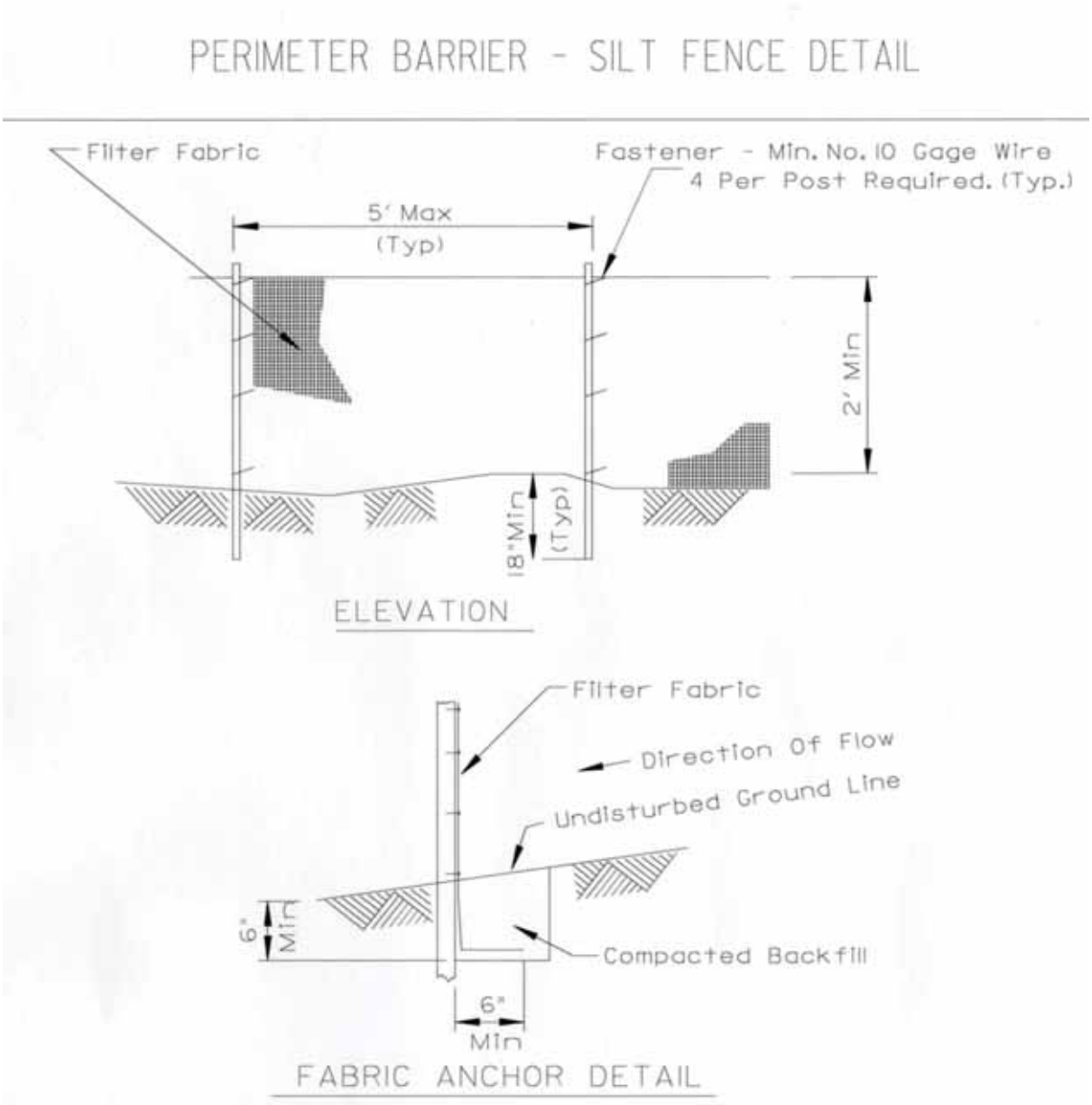
MAINTENANCE:

1.) Inspect on a daily basis or as necessary.

2.) Immediately remove mud or sediment tracked onto road.

3.) Add additional stabilized material as necessary.

SILT FENCE



NOTES:

1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table I or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

SILT FENCE NOTES:

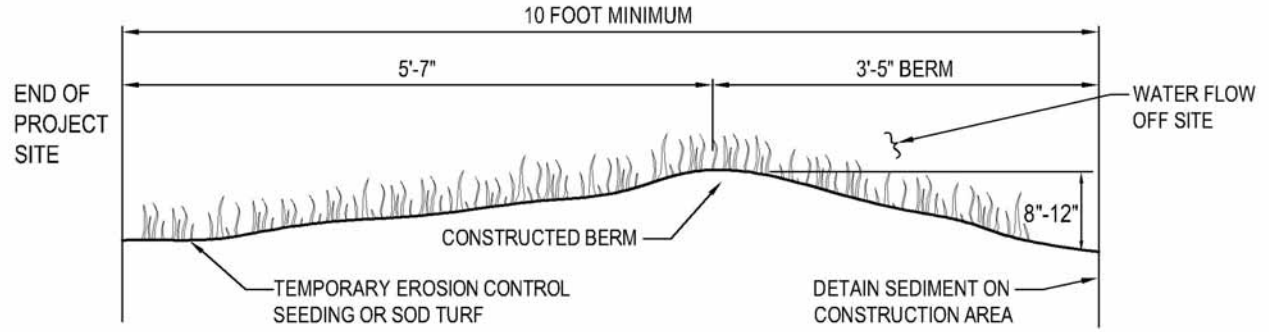
INSTALLATION:

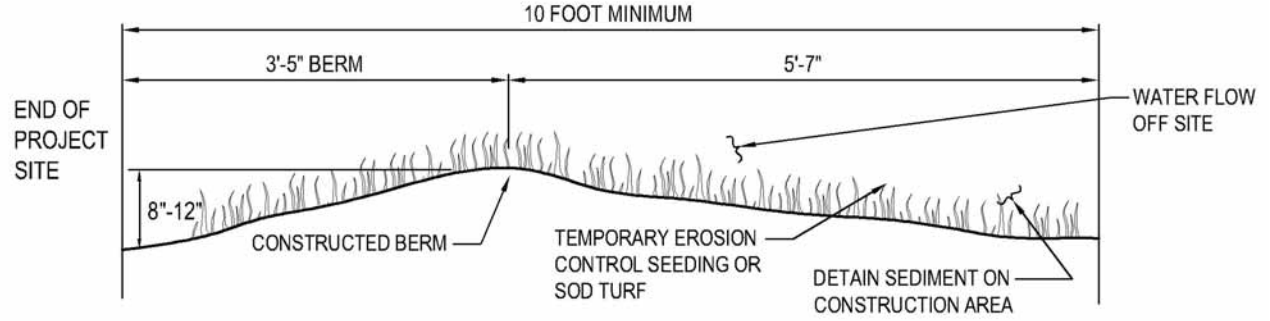
1. Silt fence shall be a minimum of 24 inches above the original ground surface and shall not exceed 36 inches above ground surface.
2. Excavate a trench approximately 6 inches wide and 6 inches deep on the upslope side of the proposed location of the fence. A slicing machine may be used in lieu of trenching.
3. Posts shall be placed a maximum of 5 feet apart. Fabric shall be fastened securely to the upslope side of posts using min. One-inch long, heavy-duty wire staples or tie wires. Eight inches of the fabric shall be extended into the trench. The fabric shall not be stapled to existing trees.
4. The 6 inch by 6 inch trench shall be backfilled and the soil compacted over the textile unless a slicing machine is used.

MAINTENANCE:

1. Inspect on a daily basis or as necessary.
2. Any damage shall be repaired immediately.
3. Sediment must be removed when it reaches 6 inches high on the fence.
4. If geotextile has deteriorated due to ultraviolet breakdown, it shall be replaced.
5. Silt fence shall be removed when it has served its useful purpose, but not before the upslope area has been permanently stabilized.

GRASS BUFFER STRIP





NOTES

GRASS BUFFER STRIP

DESCRIPTION:

These are wide strips of undisturbed vegetation consisting of grass or other erosion resistant plants surrounding the disturbed site. They provide infiltration, intercept sediment and other pollutants, and reduce stormwater flow and velocity. They can also act as a screen for visual pollution and reduce construction noise.

PLANNING CONSIDERATIONS:

Grass strips should be fenced off prior to construction. Avoid storing debris from clearing and grubbing, and other construction waste material in these strips during construction.

DESIGN CRITERIA:

The minimum length of strip must be at least as long as the contributing runoff area. The minimum width should conform to Table below.

MINIMUM WIDTHS OF FILTER STRIPS

SLOPE OF LAND %	WIDTH OF FILTER STRIP FOR GRASSED AREAS (FT)
0	10
2	12
4	14
6	16
8	18
10	20
15	25

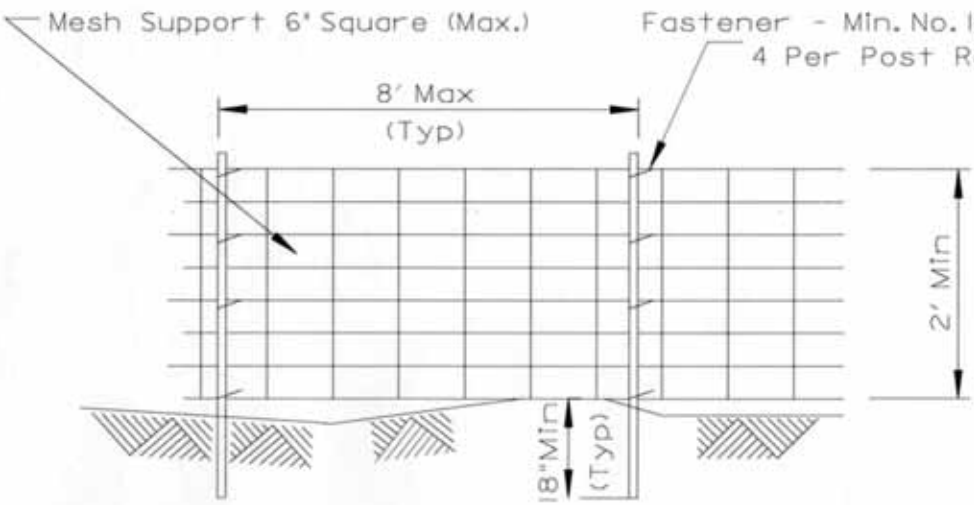
INSPECTION AND MAINTENANCE

1. Maintain moist soil conditions immediately after seeding and/or sod installation.
2. Maintain moist soil conditions throughout vegetation establishment period.
3. Sediment deposits should be removed after each storm event.

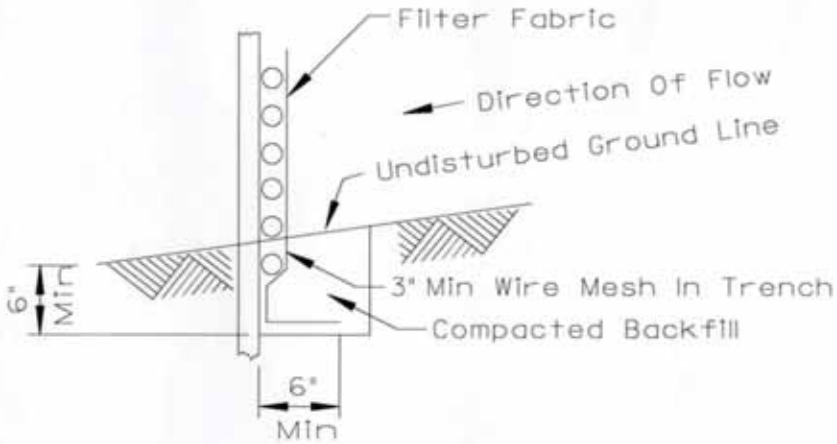
PERIMETER CONTROL

SUPER SILT FENCE

PERIMETER BARRIER - SILT FENCE WITH WIRE SUPPORT DETAIL



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:

1. Wires of mesh support shall be min. gage no. 12.
2. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
3. Filter fabric shall meet the requirements of material specification 592 Geotextile Table I or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
4. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

SUPER SILT FENCE NOTES:

INSTALLATION:

1. Silt fence shall be a minimum of 24 inches above the original ground surface and shall not exceed 36 inches above ground surface.
2. Excavate a trench approximately 6 inches wide and 6 inches deep on the upslope side of the proposed location of the fence. A slicing machine may be used in lieu of trenching.
3. Posts shall be placed a maximum of 5 feet apart. Fabric shall be fastened securely to the upslope side of posts using min. One-inch long, heavy-duty wire staples or tie wires. Eight inches of the fabric shall be extended into the trench. The fabric shall not be stapled to existing trees.
4. The 6 inch by 6 inch trench shall be backfilled and the soil compacted over the textile unless a slicing machine is used.

MAINTENANCE:

1. Inspect on a daily basis or as necessary.
2. Any damage shall be repaired immediately.
3. Sediment must be removed when it reaches 6 inches high on the fence.
4. If geotextile has deteriorated due to ultraviolet breakdown, it shall be replaced.
5. Silt fence shall be removed when it has served its useful purpose, but not before the upslope area has been permanently stabilized.

WELDED WIRE INLET PROTECTION

WELDED WIRE / MONOFILAMENT INLET PROTECTORS

SPECIFICATIONS

Description: Inlet protector shall consist of three (3) parts:

1. 36" wide geotextile fabric shall be Mirafi® FF101. Mirafi® FF101 is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. FF101 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

2. 6" x 6" welded wire mesh geotextile composite, shall be 30" tall, formed and secured into a 42" minimum diameter circle.

3. Fastening rings shall be constructed of wire conforming to ASTM A-641, A-809, A-370, and A-938.

Assembly
Geotextile shall be wrapped three inches over the top member of the 6" x 6" welded wire mesh and secured with fastening rings at six inches on center. Geotextile shall be secured to the sides of the welded wire mesh with fastening rings at a spacing of one per square foot. The fastening rings shall penetrate both layers of geotextile and securely close around a steel member.

Geotextile

Mechanical/ Physical Properties	Description/Minimum Average Roll Values	Test Method
Structure	Woven Monofilament	
Polymer	Polypropylene	
U.V. Resistance (@ 500hrs)	80% Strength Retained	ASTM D4355
Permittivity	2.9 Sec-1	ASTM D4491
Flow Rate	100 gpm/ft²	ASTM D4491
Grab Tensile Strength (md)	130 lbs	ASTM D4632
AOS (U.S. Sieve)	30	ASTM D4751
Mullen Burst Strength	175 psi	ASTM D3786
Color	Orange or Black	

Welded Wire Mesh
6" x 6" welded wire mesh shall be formed of 10 gauge steel conforming to ASTM A-185.

SILT FENCE FABRICATORS, LLC P.O. BOX 36 GREENWOOD, IN 46142
PHONE: (317) 888-0599 Rev. 2/12/05

WELDED WIRE INLET PROTECTION NOTES:

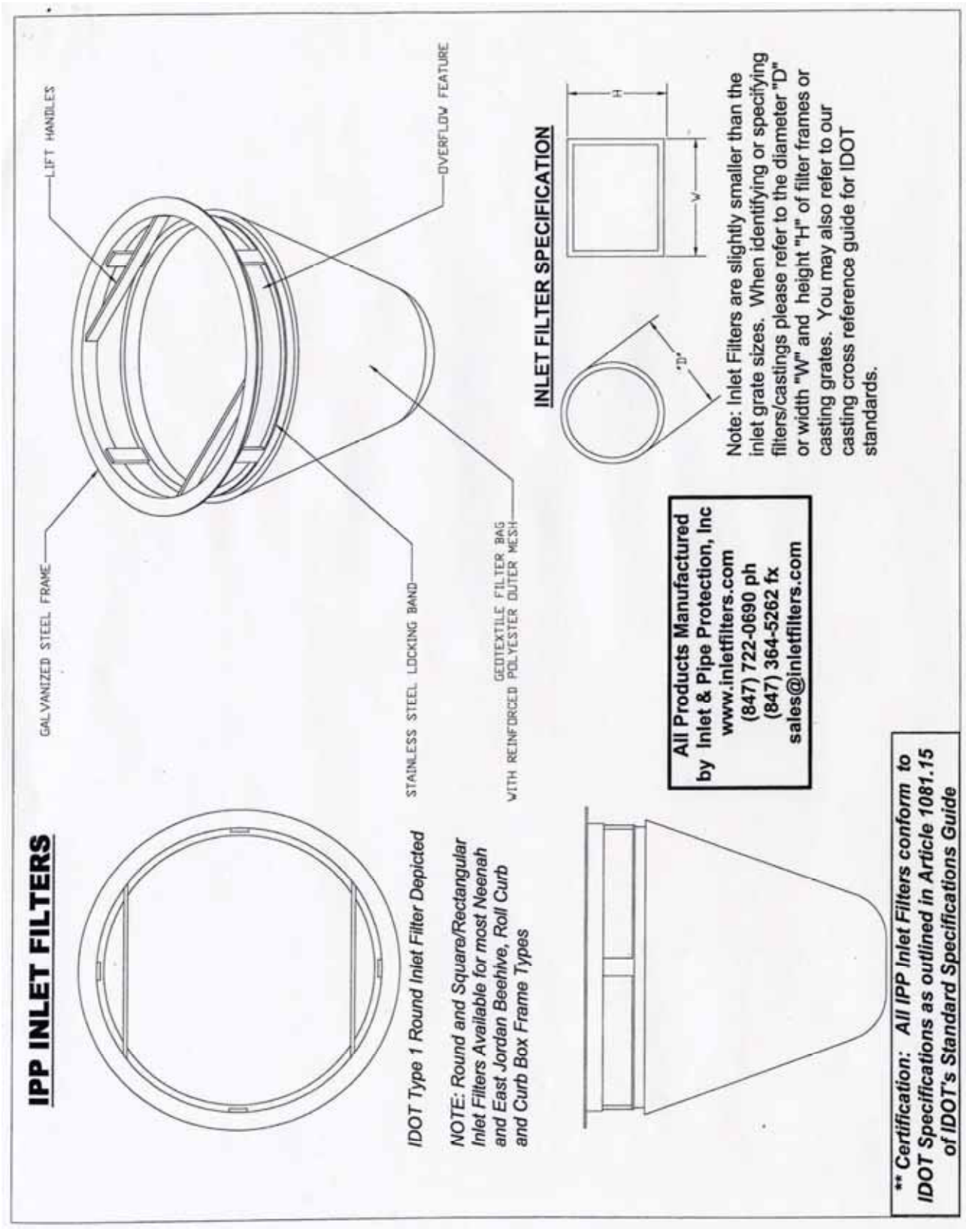
MAINTENANCE:

1. Excavate a trench approximately 6 inches wide and 6 inches deep the proposed location of the inlet protector.
2. The 6 inch by 6 inch trench shall be backfilled and the soil compacted over the textile

MAINTENANCE:

1. Inspect on a daily basis or as necessary.
2. Any damage shall be repaired immediately.
3. Sediment must be removed when it reaches 6 inches high on the basket.
4. If geotextile has deteriorated due to ultraviolet breakdown, it shall be replaced.
5. Inlet protector shall be removed when it has served its useful purpose, but not before the upslope area has been permanently stabilized.

INLET FILTER PROTECTOR



INLET FILTER PROTECTOR

THE FOLLOWING PRODUCTS ARE
APPROVED FOR INLET PROTECTION

IPP INLET FILTERS
3535 Stackinghay
Naperville, IL 60564
847-722-0690 Telephone
847-364-5262 Fax

www.inletfilters.com

CATCH-ALL INLET PROTECTOR
MARATHON MATERIALS, INC.
25523 WEST SCHULTZ STREET
PLAINFIELD, ILLINOIS 60544
(630) 983-9494 Tel
(800) 983-9493 Toll Free
(630) 983-9580 Fax

www.marathonmaterials.com

OTHER PRODUCTS CAN BE SUBMITTED
FOR REVIEW AND APPROVAL

INLET FILTER PROTECTORS

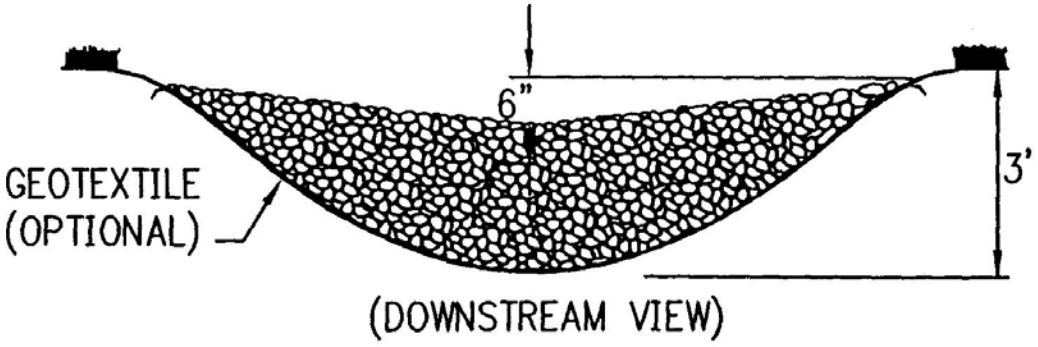
INSTALLATION:

All inlet filter protectors shall be installed in accordance with manufacturer's instructions.

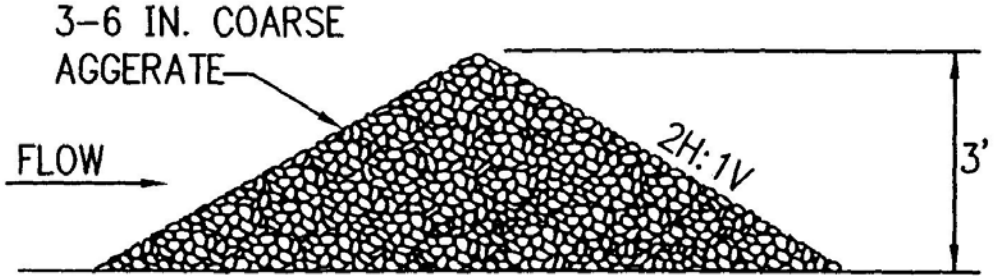
MAINTENANCE

1. Inspect on a daily basis or as necessary.
2. Any damage to products shall be repaired immediately.
3. Sediment must be removed when it reaches 1/3 the height of the product.
4. Inlet protection shall be removed when it has served its useful purpose, but not before upslope area has been permanently stabilized.

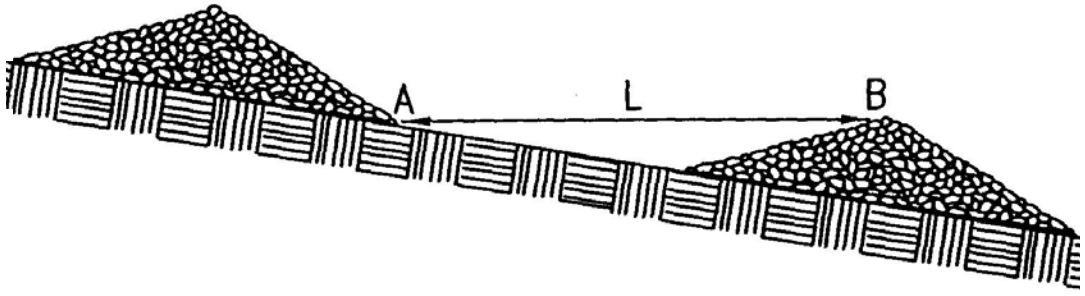
ROCK CHECK DAM:



(DOWNSTREAM VIEW)



SPACING BETWEEN CHECK DAMS:



L = DISTANCE SUCH THAT POINTS
A AND B ARE OF EQUAL ELEVATION.

SOURCE: MODIFIED ILLINOIS URBANA MANNUAL, 1995

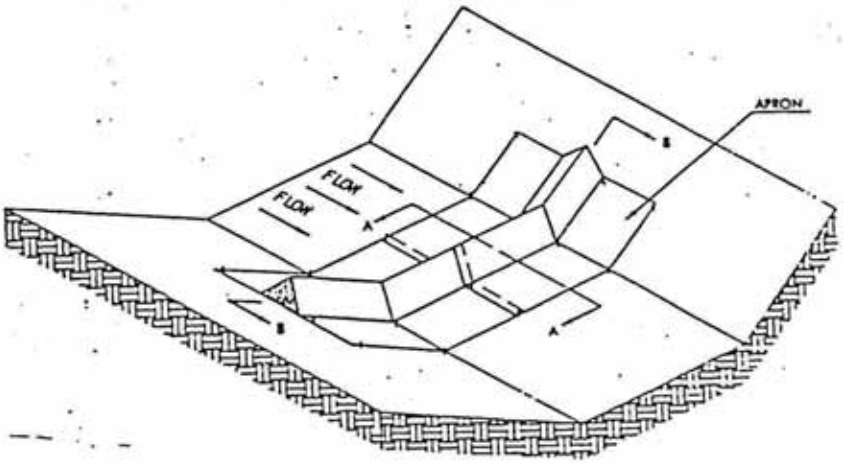
ROCK CHECK DAM:

NOTES:

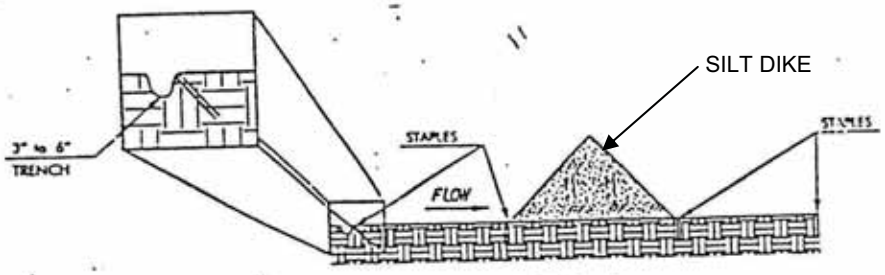
1. The maximum height of the dam shall be 3.0 feet.
2. The center of the check dam must be at least 6 inches lower than the outer edges.
3. For added stability, the base of the check dam can be keyed into the soil approximately 6 inches.
4. The dams should be spaced so the toe of the upstream dam is at the same elevation as the top of the downstream dam.
5. Stone should be placed according to the detail. Hand or Mechanical placement will be necessary to achieve complete coverage of the ditch or swale and to ensure that the center of the dam is lower than the edges.
6. Geotextile may be used under the stone to provide a stable foundation and to facilitate removal of the stone.
7. Check dams should be inspected for sediment accumulation after each runoff producing storm event. Sediment should be removed when it reaches half of the original height of the measure.
8. Regular inspection should be made to ensure that the center of the dam is lower than the edges. Erosion caused by high flows around the edges of the dam should be corrected immediately.

TRIANGULAR SILT DIKE:

TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OF DRAINAGE DITCH

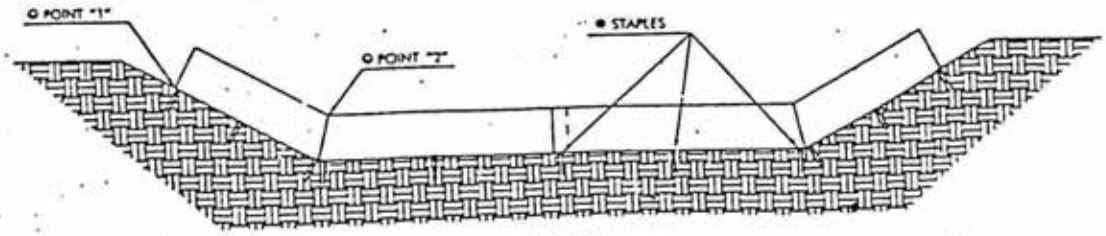


SILT DIKE UNIT
CUT SECTION



DETAIL A–A

● STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.



DIKE SECTION
DETAIL B–B

POINT "1" MUST BE HIGHER THAN POINT "2" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

TRIANGULAR SILT DIKE NOTES:

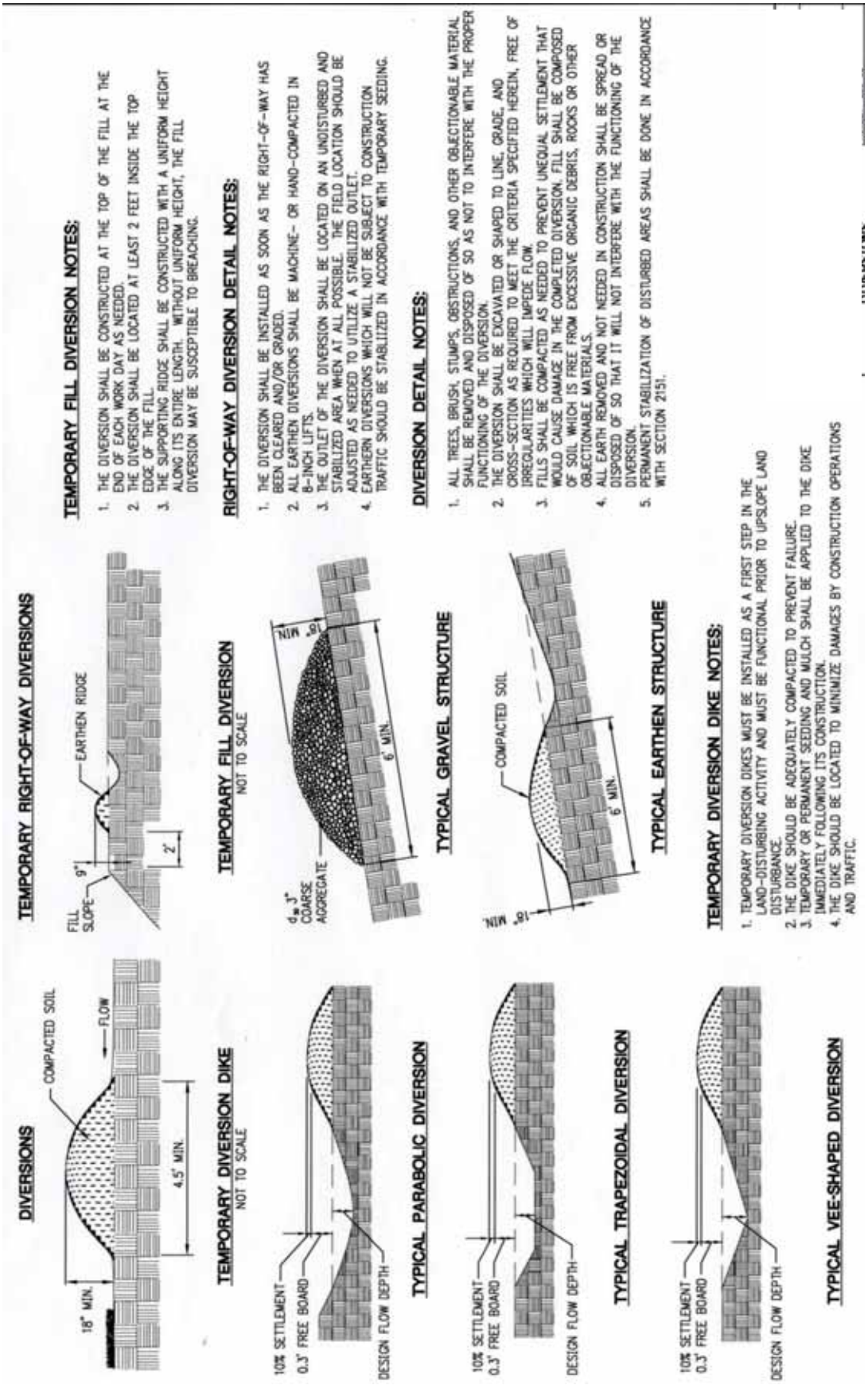
INSTALLATION:

1. Excavate a trench approximately 3-6 inches wide and 3-6 inches deep on the upslope side of the proposed location of the dike.
2. The 3-6 inch by 3-6 inch trench shall be backfilled and the soil compacted over the textile .

MAINTENANCE:

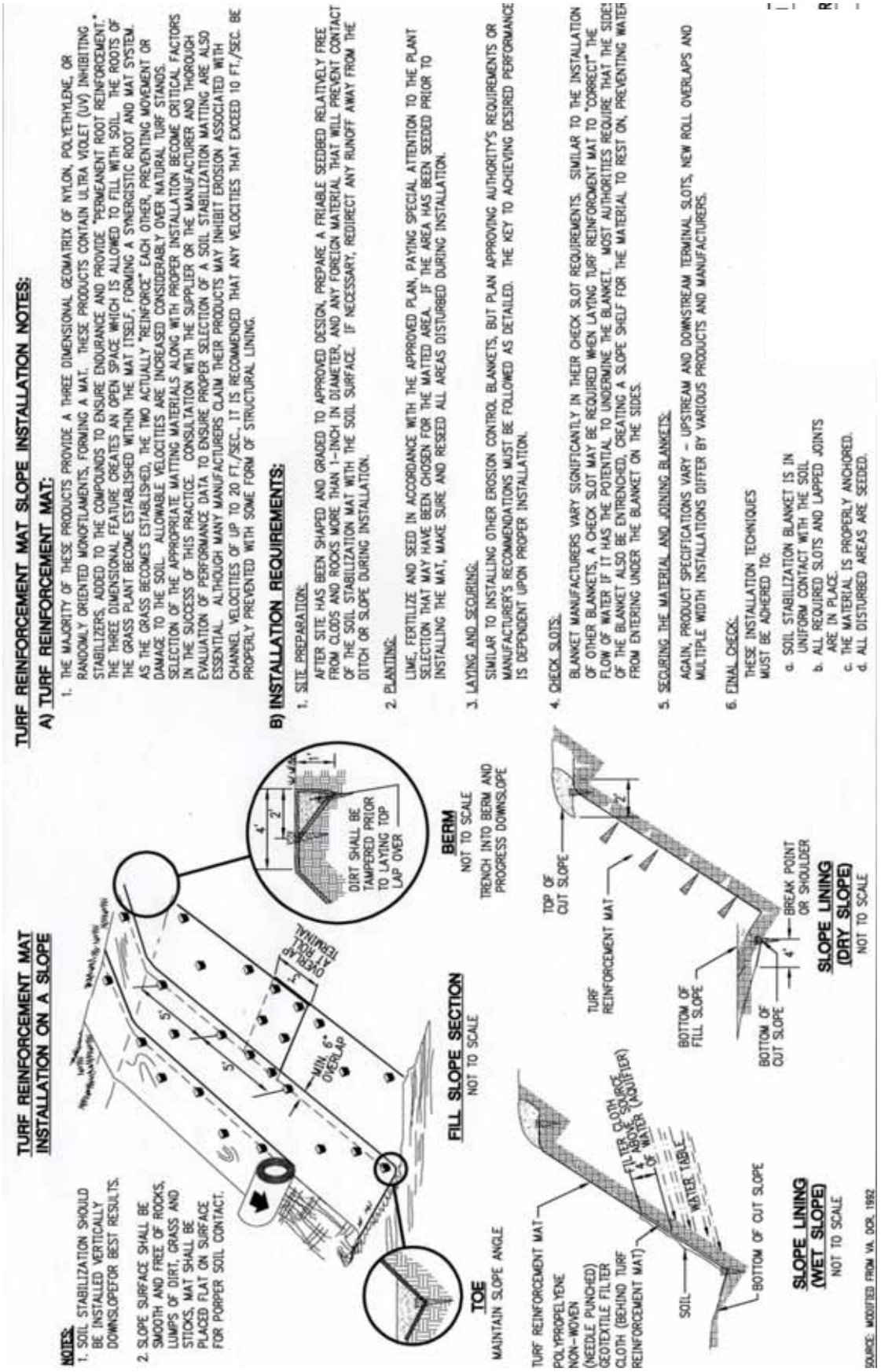
1. Inspect on a daily basis or as necessary.
2. Any damage shall be repaired immediately.
3. Sediment must be removed when it reaches 6 inches high on the dike.
4. If geotextile has deteriorated due to ultraviolet breakdown, it shall be replaced.
5. Dike shall be removed when it has served its useful purpose, but not before the upslope area has been permanently stabilized.

DIVERSION BERMS:



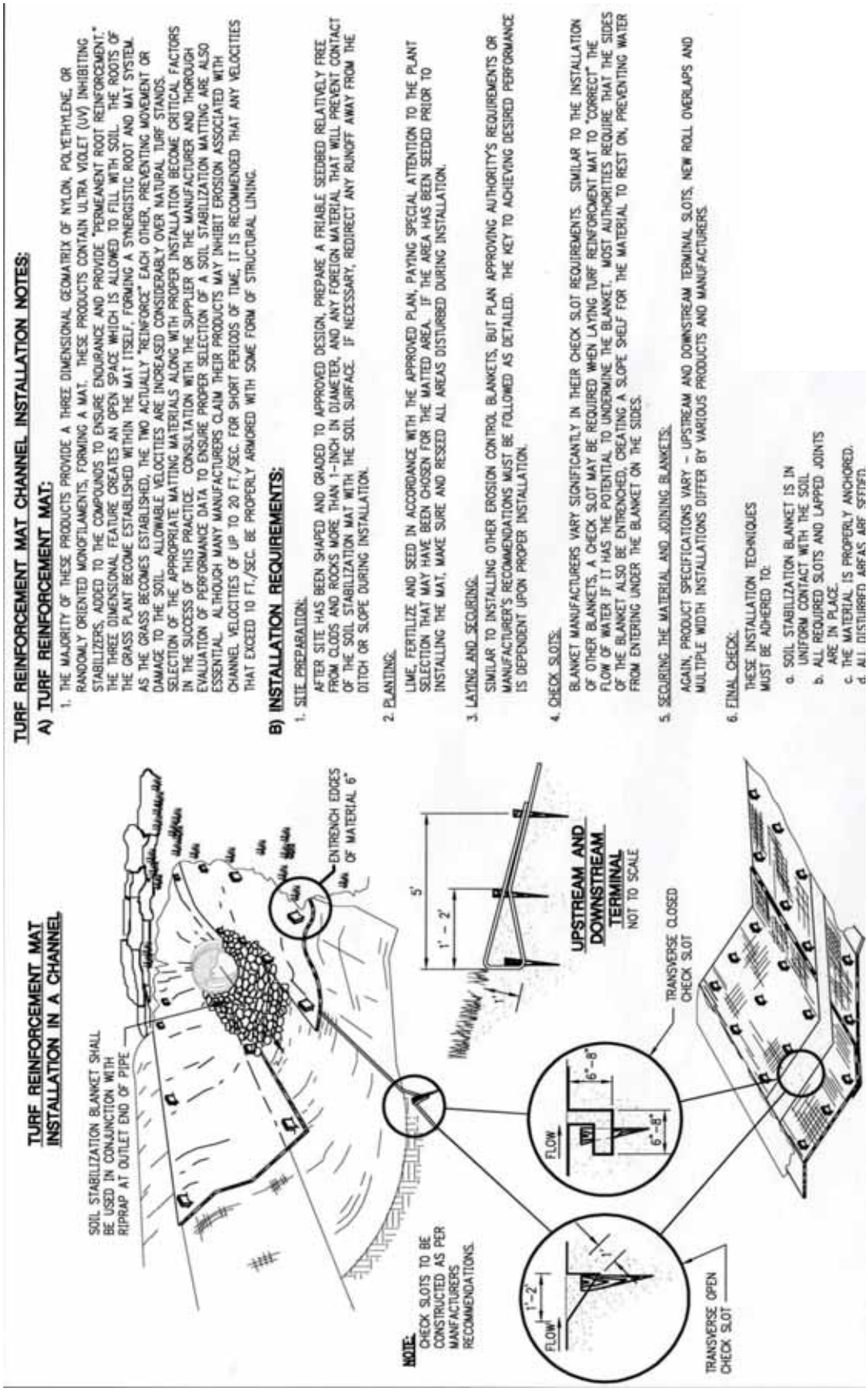
SOURCE: APWA KANSAS CITY METRO CHAPTER

TURF REINFORCEMENT MAT:



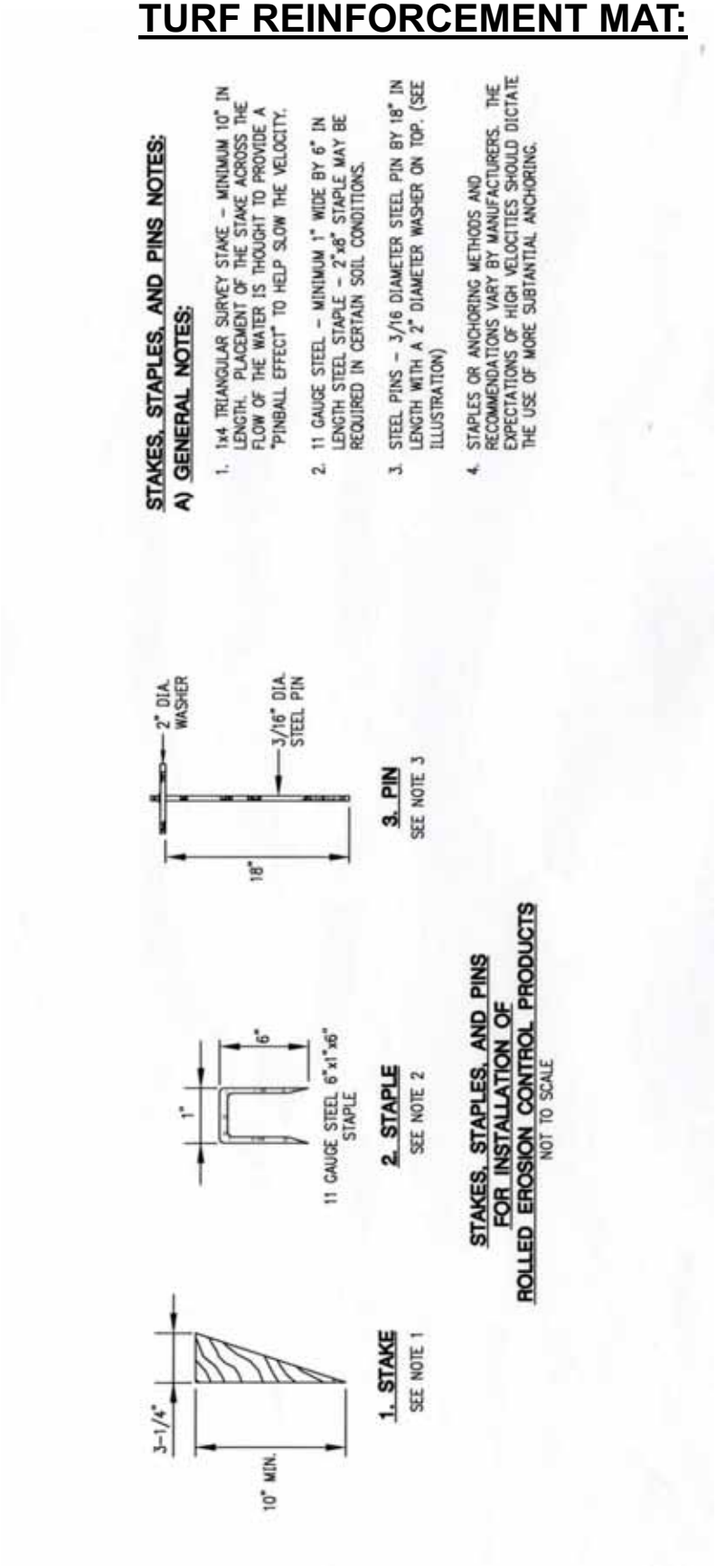
SOURCE: APWA KANSAS CITY METRO CHAPTER

TURF REINFORCEMENT MAT:



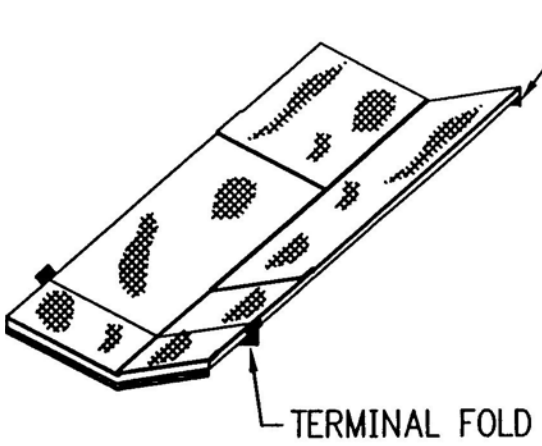
SOURCE: APWA KANSAS CITY METRO CHAPTER

TURF REINFORCEMENT MAT:



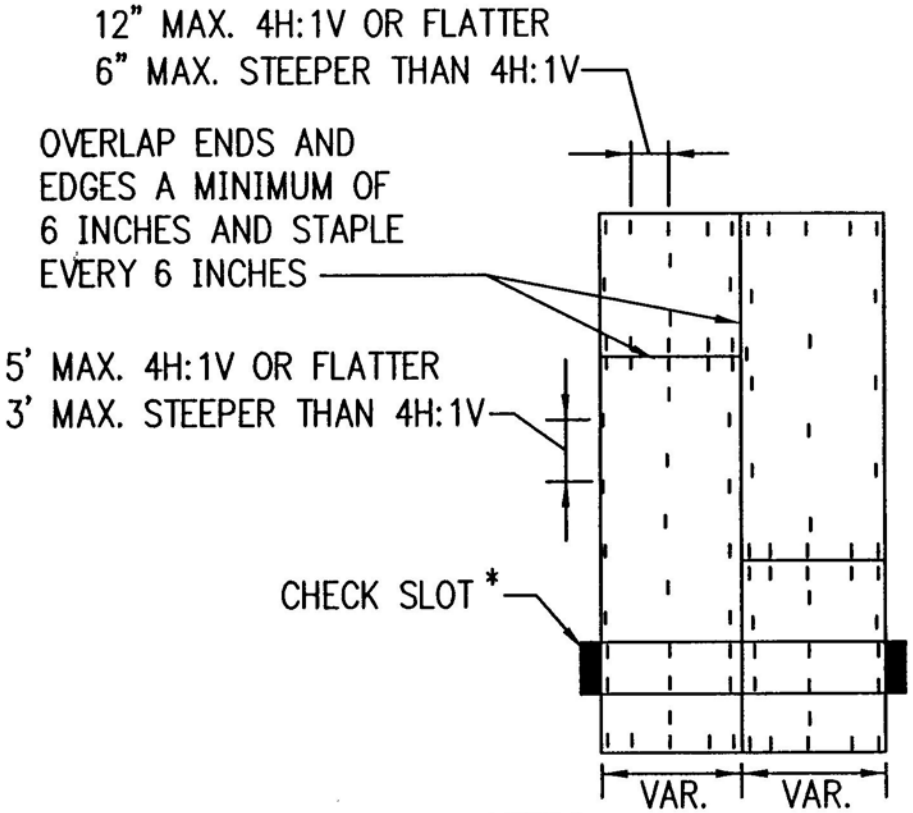
SOURCE: APWA KANSAS CITY METRO CHAPTER

EROSION CONTROL BLANKET



NOTES:

1. APPROXIMATELY 200 STAPLES REQUIRED PER 100 SQ. YDS. OF MATERIAL ROLL. CHECK MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC INSTALLATION ANS STAPLING REQUIREMENTS.



PLAN VIEW

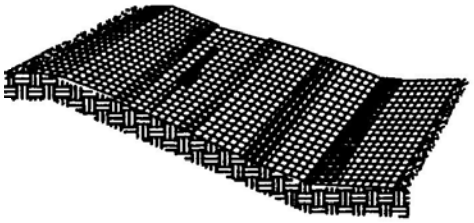
STAPLING DIAGRAM:

* CHECK SLOTS AT MIN. 50' INTERVALS; NOT REQ'D WITH ALL "COMBINATION" BLANKETS.

SOURCE: MODIFIED ILLINOIS URBANA MANUAL, 1995

TYPICAL ORIENTATION OF EROSION CONTROL BLANKET

SHALLOW SLOPE:

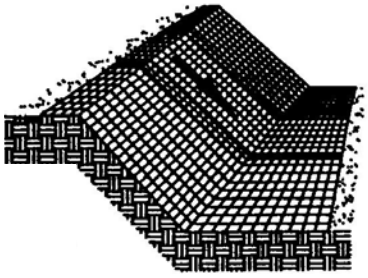


ON SHALLOW SLOPES, STRIPS OF PROTECTIVE COVERINGS MAY BE APPLIED PARALLEL TO DIRECTION OF FLOW.

BERM:

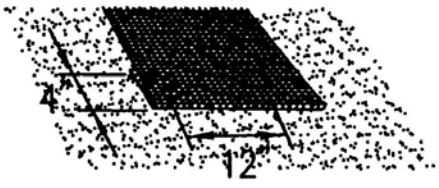
WHERE THERE IS A BERM AT THE TOP OF THE SLOPE, BRING THE MATERIAL OVER THE BERM AND ANCHOR IT BEHIND THE BERM.

STEEP SLOPE:



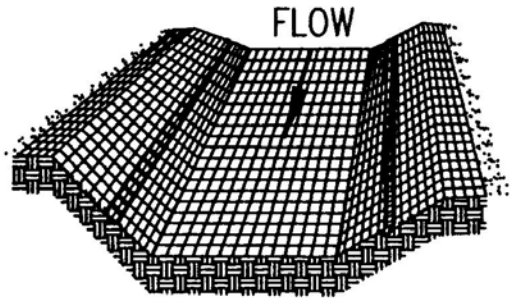
ON STEEP SLOPES, APPLY PROTECTIVE COVERING PERPENDICULAR TO THE DIRECTION OF FLOW AND ANCHOR SECURELY.

STEEP SLOPE:



BRING MATERIAL DOWN TO A LEVEL AREA BEFORE TERMINATING INSTALLATION. TURN THE END UNDER 4" AND STAPLE AT 12" INTERVALS.

DITCH:



IN DITCHES, APPLY PROTECTIVE COVERING PARALLEL TO THE DIRECTION OF FLOW. AVOID JOINING MATERIAL IN THE CENTER OF THE DITCH IF AT ALL POSSIBLE.

SOURCE: MODIFIED ILLINOIS URBANA MANUAL, 1995

EROSION CONTROL BLANKET

LAYING AND STAPLING:

Place the erosion control blanket on a friable seedbed free of clods, rocks, and roots that might impede good contact.

1. Start placing the protective covering from the top of the channel or slope and unroll down-grade.
2. Allow to rest loosely on soil; do not stretch.
3. Upslope ends of the protective covering should be buried in an anchor slot no less than 6 inches deep. Tamp earth firmly over the material. Staple the material at a minimum of every 12 inches across the top end.
4. Edges of the material shall be stapled every 3 feet. The multiple widths are placed side by side, the adjacent edges shall be overlapped a minimum of 6 inches and stapled together. Staples shall be placed down the center, staggered with the edges at 3 foot intervals.

NOTE:

Study manufacturer's recommendations and site conditions for correct installation and stapling of product.

EROSION CONTROL BLANKET NOTES (CONTINUED):

JOINING PROTECTIVE COVERINGS:

Insert a new roll of material into an anchor slot as with upslope ends. Overlap the end of the previous roll a minimum of 12 inches, and staple across the end of the roll just below the anchor slot and across the material every 12 inches.

TERMINAL END:

Where the material is discontinued or where the ends under 4 inches, and staple across end every 12 inches.

AT BOTTOM OF SLOPES:

Roll onto a level surface before anchoring, turn ends under 4 inches, and staple across end every 12 inches.

FINAL CHECK:

These installation criteria must be met:

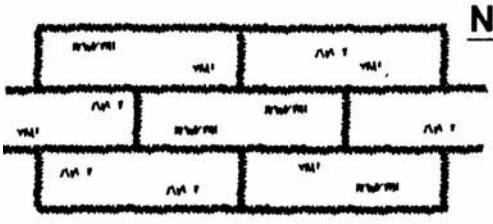
1. Protective blanket is in uniform contact with the soil.
2. All lap joints are secure.
3. All staples are driven flush with the ground.
4. All disturbed areas have been seeded.

MAINTENANCE:

All soil stabilization blankets and matting should be inspected periodically following installation, particularly after storms, to check for erosion and undermining. Any dislocation or failure should be repaired immediately. If washouts or breakage occurs, reinstall the material after repairing damage to the slope or ditch. Continue to monitor these areas until they become permanently stabilized; at that time an annual inspection should be adequate.

SOURCE: MODIFIED ILLINOIS URBANA MANUAL, 1995

SODDING:



INCORRECT

CORRECT

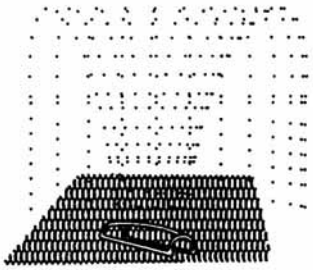
NOTE:

LAY SOD IN A STAGGERED PATTERN. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER. DO NOT LEAVE SPACES AND DO NOT OVERLAP. A SHARPENED MASON'S TROWEL IS A HANDY TOOL FOR TUCKING DOWN THE ENDS AND TRIMMING PIECES.

BUTTING:

ANGLED ENDS CAUSED BY THE AUTOMATIC SOD CUTTER MUST BE MATCHED CORRECTLY.

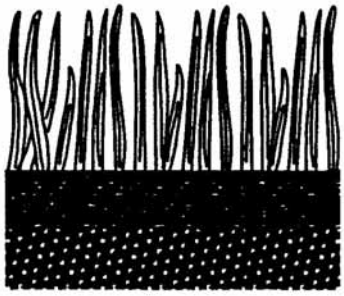
ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.



WATER SOD TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS INSTALLED.

MOW WHEN THE SOD IS ESTABLISHED – IN 2–3 WEEKS. SET THE MOWER HEIGHT AT 2"–3".

APPEARANCE OF GOOD SOD:



SHOOTS:

GRASS SHOULD BE GREEN AND HEALTHY, MOWED AT A 2"–3" CUTTING HEIGHT.

THATCH:

GRASS CLIPPINGS AND DEAD LEAVES UP TO ½" THICK.

ROOT ZONE:

SOIL AND ROOTS SHOULD BE ½" – ¾" THICK WITH DENSE ROOT MAT FOR STRENGTH.

SOURCE: MODIFIED ILLINOIS URBANA MANUAL, 1995

PUMP DISCHARGE FILTER BAG:

DIRTBAG® PUMP-SILT CONTROL SYSTEM NOTES:

A) GENERAL NOTES:

1. THE DIRTBAG® WILL HAVE AN OPENING LARGE ENOUGH TO ACCOMMODATE A 4" DISCHARGE HOSE WITH ATTACHED STRAP TO TIE OFF THE HOSE TO PREVENT THE PUMPED WATER FROM ESCAPING THE DIRTBAG® WITHOUT BEING FILTERED.
2. INSTALL THE DIRTBAG® ON A SLOPE. IT SHOULD BE PLACED SO THE INCOMING WATER FLOWS THROUGH THE DIRTBAG® SHOULD BE TIED OFF TIGHTLY TO STOP THE WATER FROM FLOWING OUT OF THE OPENING WITHOUT BEING FILTERED THROUGH THE FABRIC TO INCREASE THE EFFICIENCY OF THE FILTRATION, THE BAG SHOULD BE PLACED ON AN AGGREGATE BED TO ALLOW WATER TO FLOW THROUGH ALL SURFACES OF THE BAG.
3. DISPOSAL MAY BE ACCOMPLISHED AS DIRECTED BY THE ENGINEER. IF THE SITE ALLOWS, THE DIRTBAG® MAY BE CUT OPEN AND SEEDED, REMOVING THE VISIBLE FABRIC. THE DIRTBAG® IS STRONG ENOUGH TO BE LIFTED IF IT MUST BE HAULED AWAY. IF THE JOBSITE REQUIRES THE DIRTBAG® TO BE RELOCATED TO LANDFILL FOR DISPOSAL, IT MAY BE HELPFUL TO PLACE THE DIRTBAG® IN THE BACK OF A DUMP TRUCK OR FLATBED PRIOR TO USE, ALLOWING THE WATER TO DRAIN WITH BAG IN PLACE, THEREBY DISMISSING THE NEED TO LIFT THE DIRTBAG®.

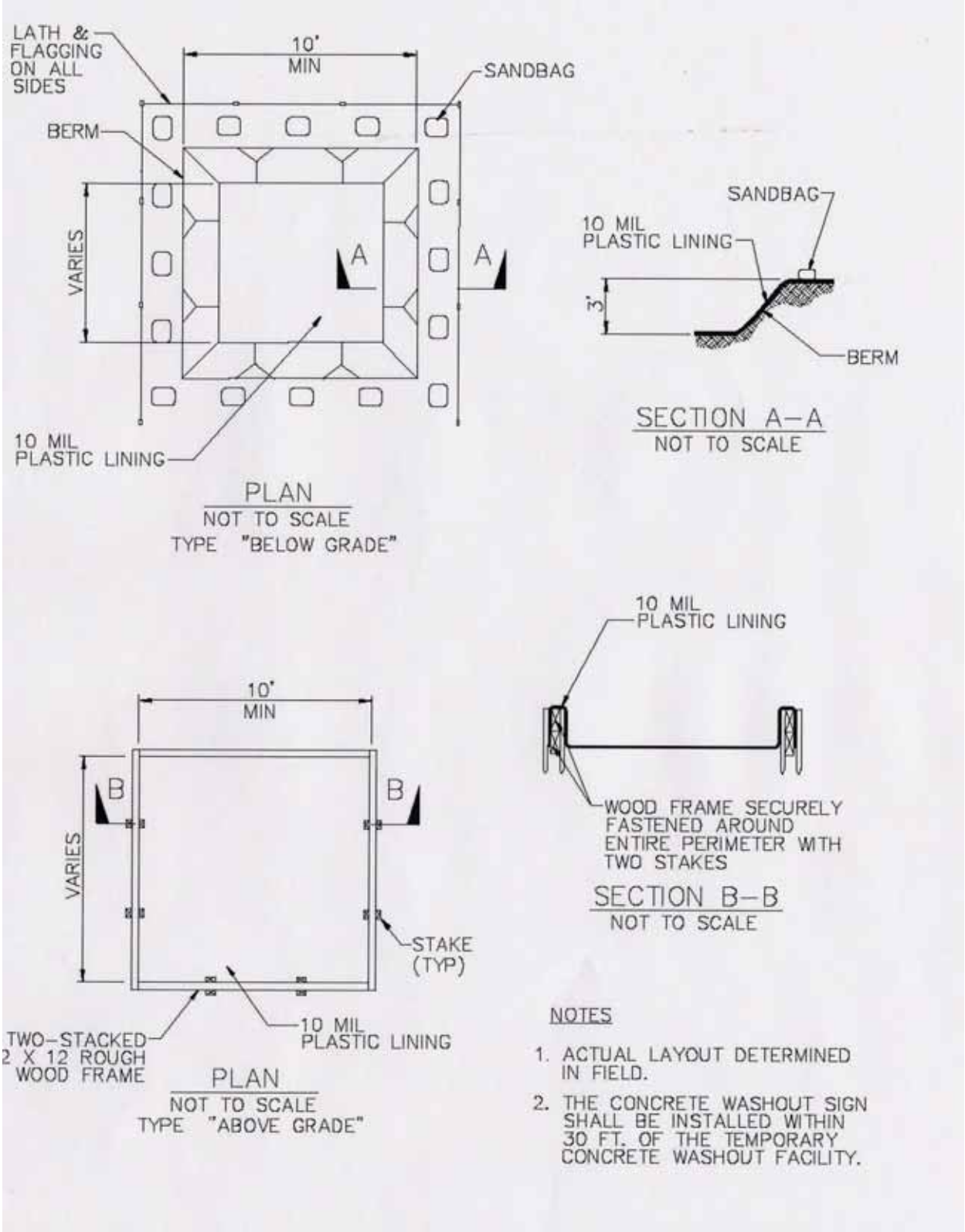
B) INSPECTION AND MAINTENANCE:

1. THE DIRTBAG® SHOULD BE CONSIDERED FULL WHEN IT IS IMPRACTICAL FOR THE BAG TO FILTER OUT SEDIMENT AT A REASONABLE RATE, AND SHOULD BE REPLACED WITH A NEW DIRTBAG®.

TOP VIEW

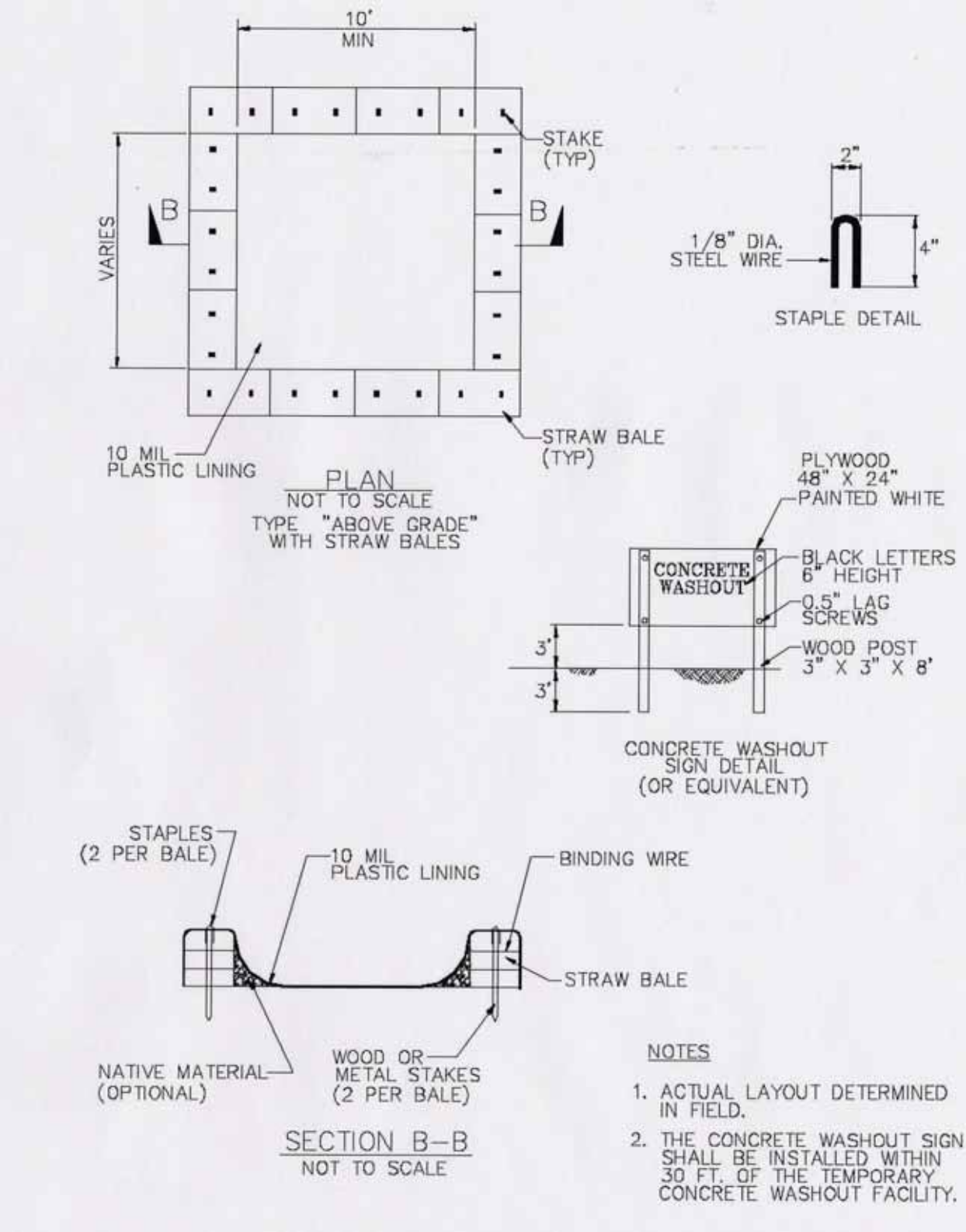
SIDE VIEW

CONCRETE WASHOUT FACILITIES



SOURCE: CALIFORNIA STORM WATER BMP HANDBOOK

CONCRETE WASHOUT FACILITIES



SOURCE: CALIFORNIA STORM WATER BMP HANDBOOK

CONCRETE WASHOUT FACILITIES NOTES

GENERAL

- PCC and AC wastes shall be collected and disposed of or placed in a concrete washout facility. No PCC or AC wastes shall enter the storm sewer system or watercourses.
- Sign shall be installed adjacent to each facility to inform concrete equipment operators to utilize proper facilities.
- Below grade facilities are typical. Above grade facilities are utilized if excavation is not practical.
- Washout facilities shall have sufficient volume to contain all liquid and waste concrete materials generated by washout and construction activities.
- Once concrete wastes are discharged to facility and allowed to harden, the concrete waste should be broken up and disposed of in accordance with state and local law.
- Plastic lining shall be free of holes, tears, or other defects that comprise the impermeability of the material.
- A minimum freeboard 12-inches is required for below grade facilities and a minimum of 4-inches freeboard is required for above grade facilities.

REMOVAL

- When facilities are no longer required for construction work, the materials used to construct the facility shall be removed from the site and disposed of in accordance with state and local law.
- Holes, depressions or other ground disturbance caused by removal of the facility shall be backfilled and restored to its pre-existing condition or intended use.

CONCRETE WASHOUT FACILITIES NOTES

MAINTENANCE

- Facilities must be cleaned or new facilities constructed once the washout is 75% full.
- Remove and dispose of hardened concrete materials to return facilities to a functional condition.
- Inspect washout facility on a weekly basis.

NOTES