

Permit Application Information Cover Sheet

LANDOWNER _____

ADDRESS _____

LANDOWNER PHONE NO. _____

TOWNSHIP _____ T _____ N, R _____ E/W, Sec. _____

COUNTY _____

PRACTICE _____

Sheet	Contents
1	_____
2	_____
3	_____
4	_____
5	_____
6	_____
7	_____
8	_____
9	_____
10	_____
11	_____
12	_____

NOTICE TO LANDOWNERS

It is your responsibility to obtain any permits that are needed.
 Additional technical assistance to fulfill your permitting responsibilities can be obtained from NRCS, LCD, DATCP, or Professional Engineers as time and staff resources allow.

I certify that I am a state or federally funded employee for NRCS, DATCP, or LCD and have the appropriate job approval required for the evaluation and design of the enclosed project. I have provided federal/state funding for this project in the form of permanent staff salary and fringe benefits for project planning, inventory and evaluation, resource assessment, and the alternative(s) recommended contained in this permit package. If funded through a federal program (EQIP) or state program (TRM) NRCS, DATCP, or LCD employees will provide an engineered design and construction quality assurance of this project.

Information provided by: _____ Date: _____

Title and Agency: _____

Signature: _____

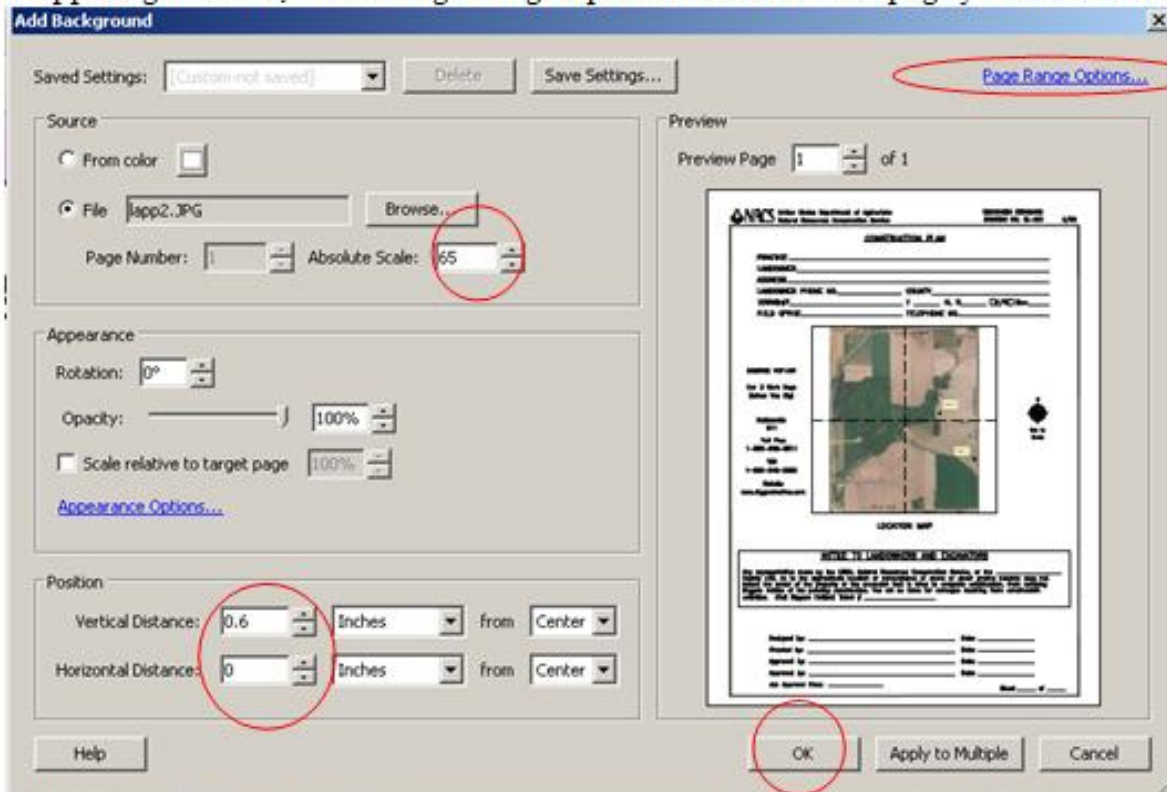
FIELD OFFICE _____ TELEPHONE NO. _____



First use Paint to crop your Location Map Photo the way you want it and save it as a JPG
 To insert the jpeg into the Location Map area, click Document – Background – Add/replace...
 Click on Replace Background



In upper right corner, choose Page Range Options and choose the page you want the background on.



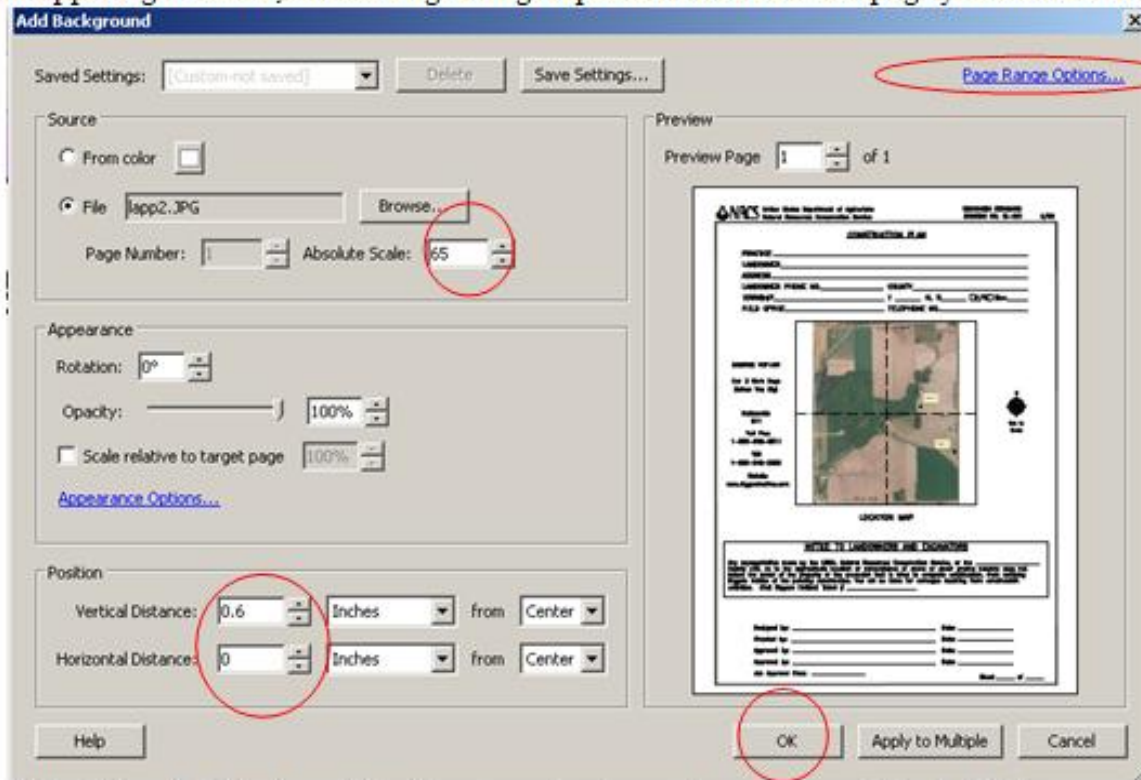
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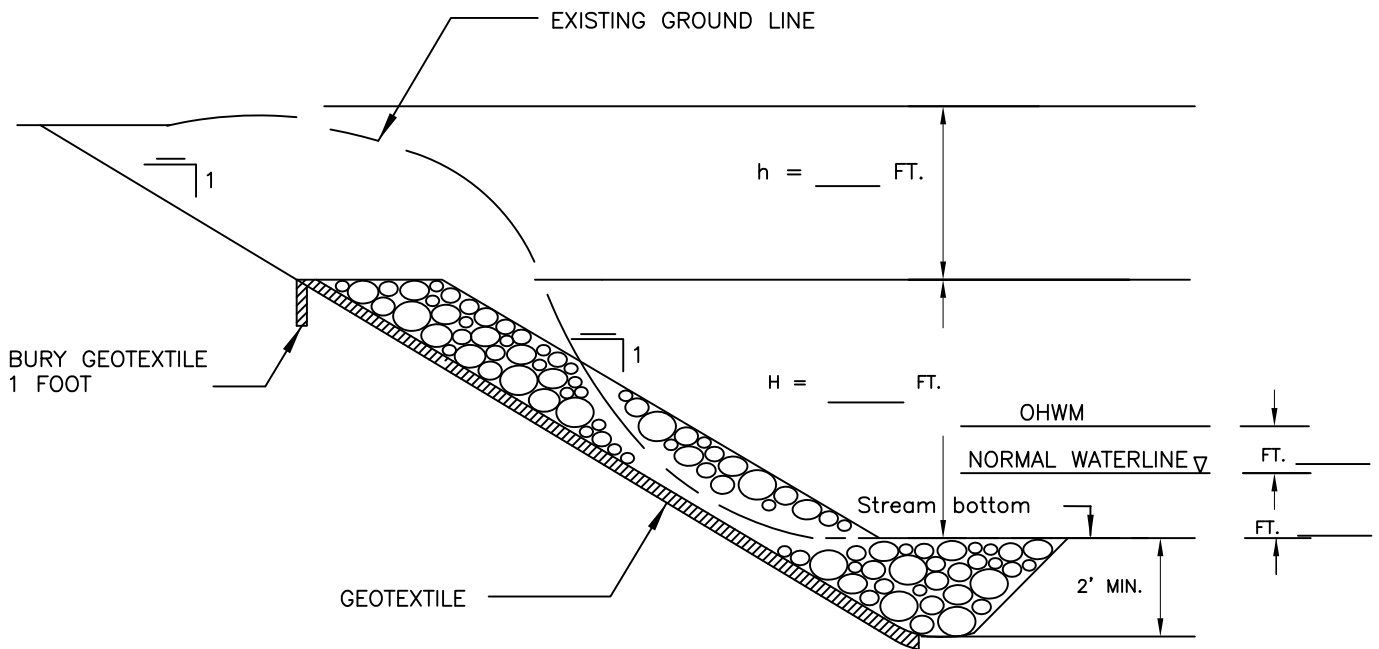
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Adjust Absolute Scale and Position to center jpeg where you want it, click OK.

NOT TO SCALE

SITE _____



TYPICAL CROSS SECTION NOT TO SCALE

PRELIMINARY QUANTITY ESTIMATE

BANK SLOPING FOR RIPRAP	_____	LIN. FT.
BANK SLOPING (SEEDING ONLY)	_____	LIN. FT.
ROCK RIPRAP D50	_____	INCHES
GEOTEXTILE	_____	YES/NO
BEPI SCORE	_____	

THIS PRELIMINARY DESIGN, BASED ON A SITE VISIT, IS SUBJECT TO CHANGE IN FINAL DESIGN



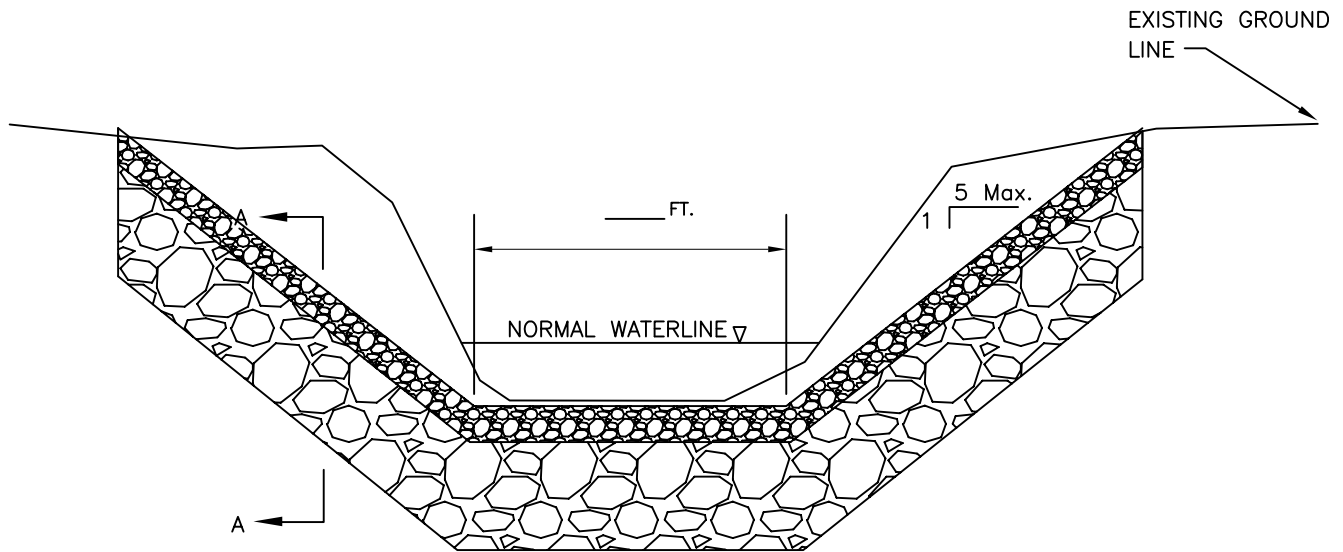
STREAM BANK PROTECTION
SITE INVESTIGATION DATA SHEET

CLIENT: _____
COUNTY: _____

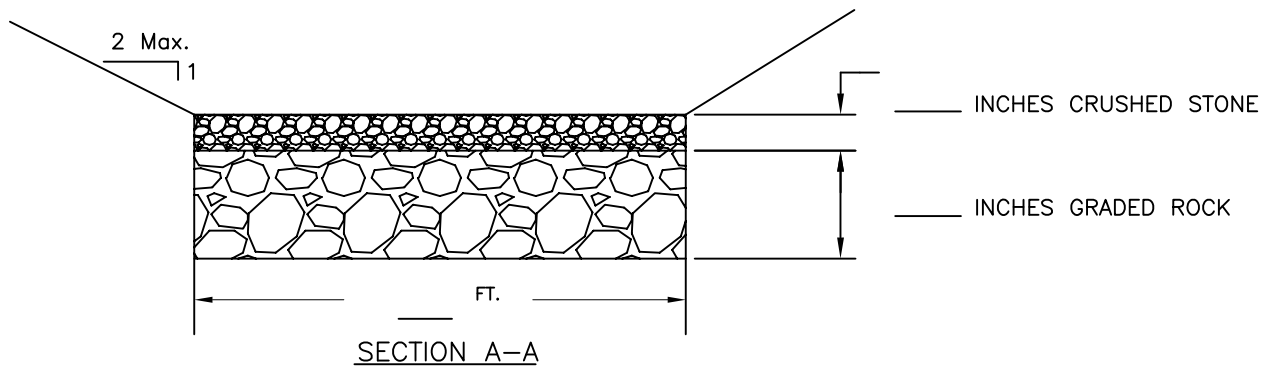
Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

File Name
WI-404-PERMIT
Date
2/14
Sheet _____ of _____

SITE _____



PROFILE ALONG CENTERLINE OF CROSSING (not to scale)



STREAM DEPTH _____

STREAM WIDTH _____

CRUSHED STONE CONSISTS OF 100% PASSING 3/4" SIEVE AND 10% MAXIMUM PASSING THE #200 SIEVE.

GRADED ROCK: 100% PASSING THE BASE COURSE THICKNESS DIMENSION WITH A MAX. OF 10% PASSING THE 3/4" SIEVE. ALL SIZES BETWEEN THE LIMITS ARE TO BE REPRESENTED.

CROSSINGS SHALL HAVE THE TOP-MOST SURFACE LAYER AT THE SAME LEVEL AS THE NATURAL STREAMBED IMMEDIATELY UPSTREAM AND DOWNSTREAM FROM THE CROSSING

THIS PRELIMINARY DESIGN, BASED ON A SITE VISIT, IS SUBJECT TO CHANGE IN FINAL DESIGN



ROCK CROSSING
SITE INVESTIGATION DATA SHEET

CLIENT: _____
COUNTY: _____

Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

File Name
WI-405-PERMIT
Date
2/14
Sheet _____ of _____

TEMPORARY SEEDING OPTIONS

Select one of the following species for temporary cover if:

- 1) The required seeds or plant stock are not available or the normal permanent seeding period for the species has passed
 - Forage Sorghum – 1/2 bushel per acre (May 15–July 15)
 - Sorghum – Sudangrass Hybrid – 1 bushel per acre (May 15–July 15)
 - Sudangrass – 1 bushel per acre (May 15–July 15)
 - Winter Wheat – 2 bushels per acre (Aug 1–Oct 1)
 - Winter Cereal Rye – 2 bushels per acre (Aug 1–Oct 15)
 - Oats – 2 bushels per acre (Apr 1–Sept 1)
 - Annual Ryegrass – 20 Pounds per acre (Apr 1–Sept 1)

- 2) Triazine herbicide carryover will not allow establishment of permanent cover immediately.
 - Forage Sorghum – 1/2 Bushel per acre (May 15–July 15)
 - Sorghum – Sudangrass Hybrid – 1 Bushel per acre (May 15–July 15)
 - Sudangrass – 1 Bushel per acre (May 15–July 15)

DORMANT SEEDING

Seed is broadcast and incorporated, no-tilled, or drilled into the seedbed. Seedbed preparations and conditions are similar to conventional seeding.

MULCHING

(Mulching is required.) (Mulching is not required.)

Mulching shall be done immediately after seedbed preparation and seeding. Mulch shall be applied immediately after final grading for areas seeded at a later date.

Mulch material shall be relatively free of disease, pesticides, chemicals, noxious weed seeds, and other pests and pathogens.

Spread straw and hay mulch uniformly and at the rate of 1.5–2.0 tons per acre (60–70 bales). This application results in a layer of 6 to 7 stems, 1 to 2 inches thick, and provides a minimum 70% ground cover. Some soil surface can be seen after the application. Crimping (disking), wood cellulose fiber, tackifiers, netting, pinning, or other acceptable methods of anchoring will be used if needed to hold the mulch in place.

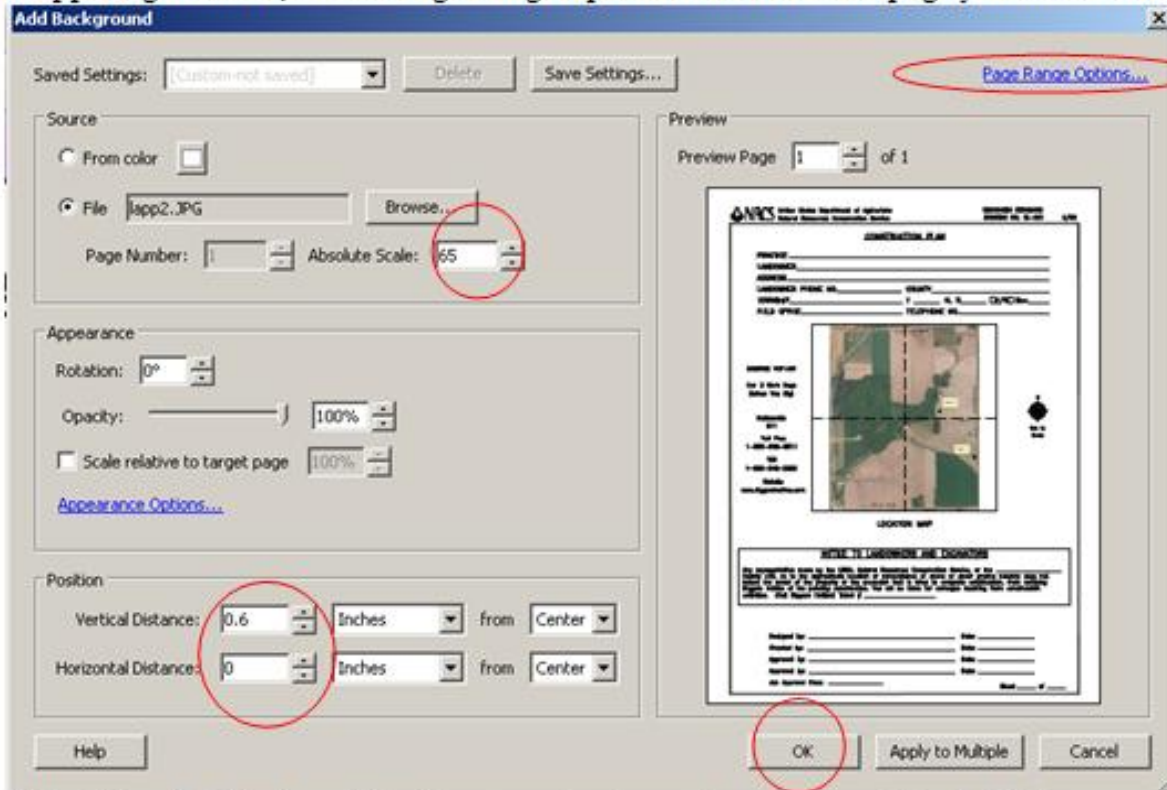
If other mulch materials are used, the rate of application shall meet the manufacturer’s recommendations.



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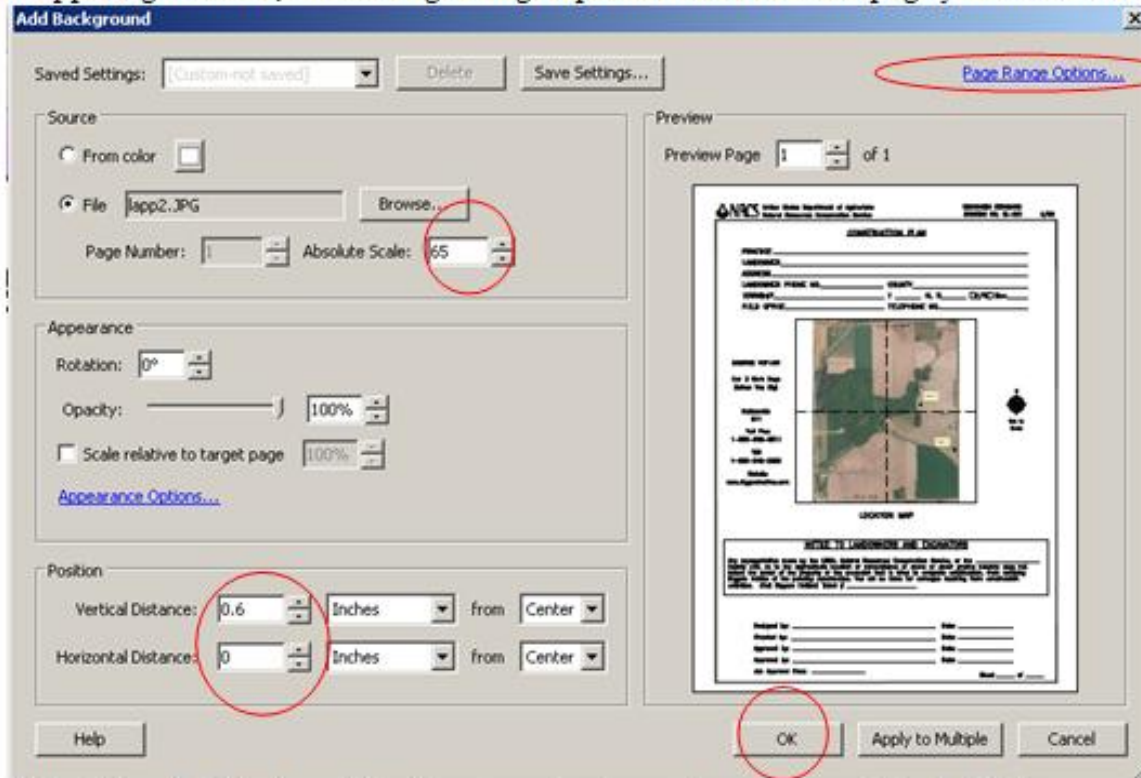
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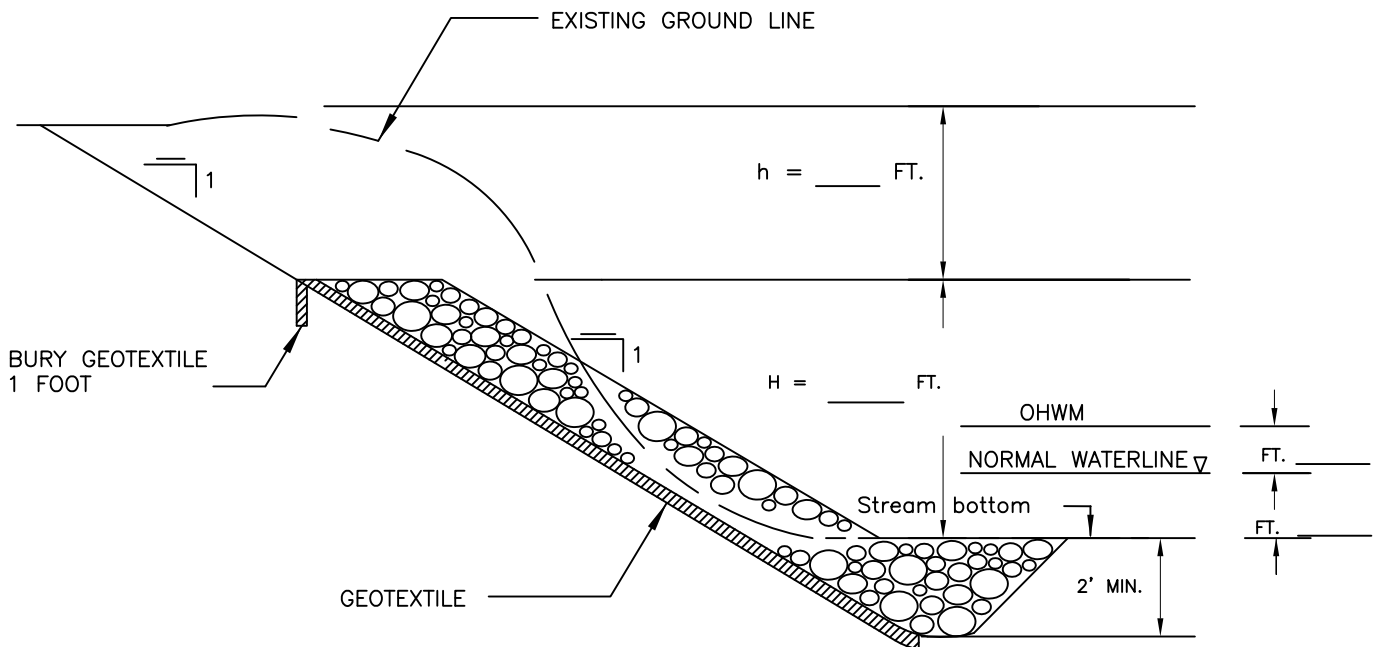


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NOT TO SCALE

 United States Department of Agriculture Natural Resources Conservation Service	PLAN VIEW		Date _____	Drawing Name WI-002
	CLIENT: _____	Drawn _____	Checked _____	Date 10/2006
	COUNTY: _____	Approved _____	Sheet _____ of _____	

SITE _____



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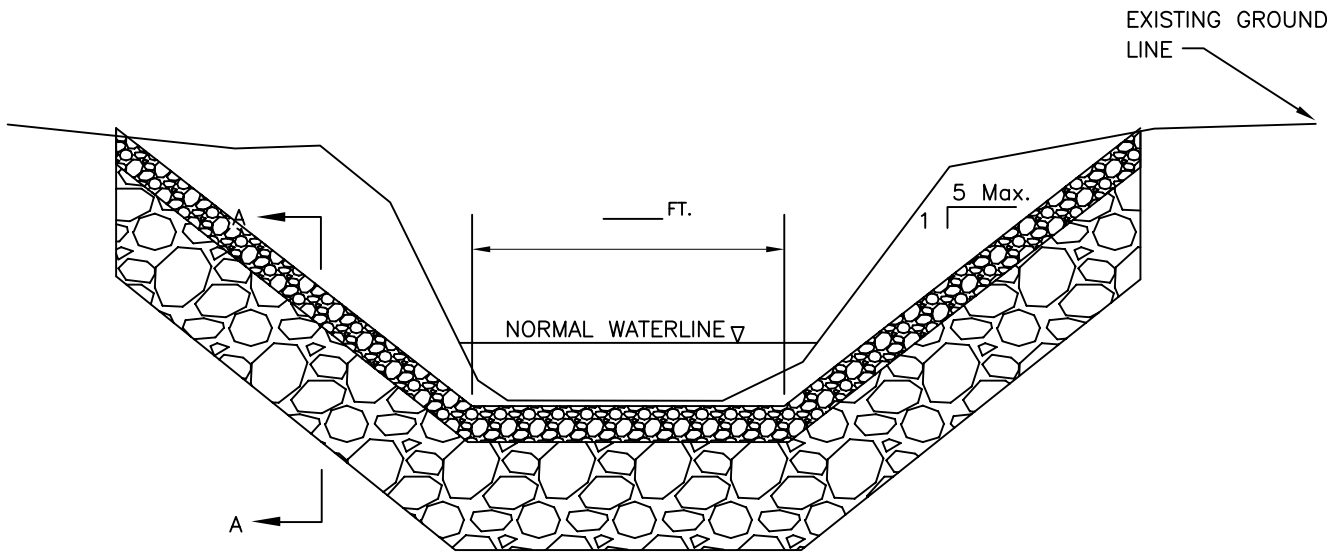
STREAM BANK PROTECTION
SITE INVESTIGATION DATA SHEET

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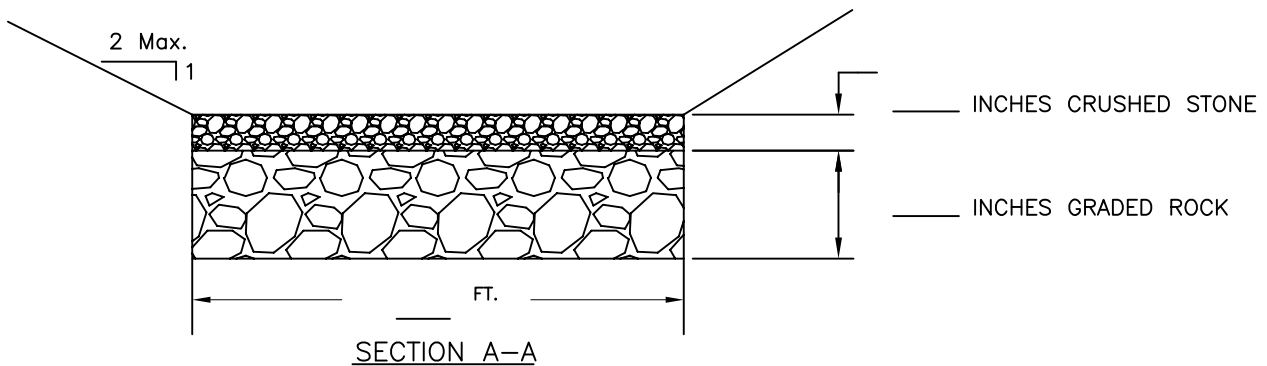
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SEEDING DATES

TIME PERIOD	DATES		TYPE OF SEEDING
Spring	through		Permanent
Summer	through	see WI-710 pg 2	Temporary *
Late Summer	through		Permanent
Fall	through	see WI-710 pg 2	Temporary *
Late Fall	through	snow cover	Dormant
Winter	Snow Cover	through	Not Allowed

MATERIALS

If no soil test is available, apply a minimum of 150 pounds of 20-10-10 fertilizer per acre. This is equivalent to 30 pounds nitrogen (N), 15 pounds phosphate (P205), and 15 pounds potash (K20) per acre. Apply two tons of 80-89 lime or equivalent.

* Seed a temporary cover crop of _____ at a rate of _____ pounds/acre. (_____ Bushels/acre)
 A permanent seeding shall be completed during the next acceptable time period following a temporary seeding.

MINIMUM PURE LIVE SEED (PLS)¹ RATE PER ACRE AND TOTAL POUNDS OF SEED NEEDED

SEEDING MIX _____			LOCATION _____ ACRES _____			SEEDING MIX _____			LOCATION _____ ACRES _____		
SPECIES	RATE	POUNDS	SPECIES	RATE	POUNDS	SPECIES	RATE	POUNDS	SPECIES	RATE	POUNDS

**

1. PLS = (% Germination X % Purity) ADDITIONAL SEED PERCENTAGE: % (maximum 50%)
 ** Companion Crop Mulching Required:

Seed mixture shall meet all requirements of the WI weed laws.
 Species identified as restricted or prohibited by law shall not be planted.
 Certified seed shall be used, and the seeding rates will be based on pure live seed.
 For dormant seedings, increase the seeds per square foot by 15%.

SEEDBED PREPARATION

Seedbed preparation shall immediately follow construction activities.
 Prepare a fine, firm seedbed to a minimum depth of three inches. A seedbed is considered firm when a footprint penetrates 1/4 to 1/2 inch deep.

SEEDING

Inoculate legumes with the specific inoculum for the species in accordance with the manufacturer's recommendations. When using a hydroseeder, five times the recommended rate of inoculant shall be added to the hydroseeder. Inoculant shall not be mixed with liquid fertilizer.

Seed may be broadcast or drilled as appropriate to the site.
 Seed, fertilize, and lime as soon as possible after construction.
 Seeding perpendicular to direction of flow is required to limit erosion.
 Seed grasses and legumes no more than 1/4 inch deep.

Consider seeding at a lower rate and making 2 passes to ensure more uniform distribution.

 <p>United States Department of Agriculture Natural Resources Conservation Service</p>	<p>INTRODUCED SPECIES SEEDING ESTABLISHMENT</p> CLIENT: _____ COUNTY: _____	Date _____	File Name Date
		Designed _____	WI-710 11/13
		Drawn _____	
		Checked _____	
		Approved _____	Sheet of