



CONSTRUCTION PLAN

PRACTICE(S) WETLAND RESTORATION (657), CRITICAL AREA PLANTING (342),
SPOIL DISPOSAL (572)
LANDOWNER GORDAN ERIKSON
ADDRESS W384S7460 COUNTY ROAD N
LANDOWNER PHONE NO. _____ COUNTY WAUKESHA
TOWNSHIP EAGLE T 05 N, R 17 E, Sec. 08
FIELD OFFICE UNION GROVE TELEPHONE NO. 262-878-3353

DIGGERS HOTLINE

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Nationwide
811

Toll Free
1-800-242-8511

TDD
1-800-542-2289

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www.diggershotline.com



PROJECT LOCATION



Not to
Scale

LOCATION
MAP

NOTICE TO LANDOWNERS AND EXCAVATORS

Any representation made by the USDA, Natural Resources Conservation Service, or the WAUKESHA County LCD, as to the approximate location or nonexistence of above or under ground hazards does not relieve the owner of the property or the excavator that is hired to complete construction, from notifying Diggers Hotline of the pending construction. You will be liable for damages resulting from construction activities.
Call Diggers Hotline! Ticket Number _____

CONSTRUCTION DRAWINGS AND SPECIFICATIONS ACCEPTANCE

I have reviewed and understand the construction plans and specifications and agree to complete the work accordingly. Failure to meet these plans and specifications may jeopardize any continued NRCS technical assistance or program cost sharing applied for. I understand that it is my responsibility to secure all necessary permits and licenses, and to complete the work in accordance with all local, state, and federal laws. Modification of these construction plans or specifications must be approved by the NRCS before installation. I assume all responsibility for negotiations and contract agreements with the construction contractors.

Landowner Signature: Gordon Erikson Date: 10/16/25
Designed by: KIMBERLY WALSH Date: 6/17/2025
Checked by: Mark J. Steinfest - ACES Date: _____
Approved by: TYLER MAASS Digitally signed by TYLER MAASS Date: 2025.07.07 08:21:30 -0500 Date: _____

The installed practices comply with applicable NRCS technical standards and specifications. The "redlined" construction plans (as-built drawings) reflect changes made during construction.

Construction Approved by: _____ Date: _____

Job Approval Class 342 - II, 572 - V, 657 - V

Sheet 1 of 7

ESTIMATED QUANTITIES

ITEM	UNIT	QUANTITY	SHEET NUMBER	WI CONSTRUCTION SPEC. OR JOB SHEET NUMBER
EXCAVATION	SY	5100	4-7	002. EXCAVATION
SPREADING	SY	5100	4-7	003. EARTHFILL
SEEDING	ACRE	1	4-7	WI-710 SEEDING ESTABLISHMENT

QUANTITIES ARE ESTIMATED TO THE NEAT LINES AND GRADES OF IN-PLACE MATERIALS SHOWN ON THE CONSTRUCTION PLAN UNLESS OTHERWISE STATED. TRUCK YARDAGE, SHRINKAGE, ETC. MUST BE CALCULATED AND COMPENSATED FOR BY THE CONTRACTOR PREPARING A BID OR CONSTRUCTING THE PROJECT.



United States
Department of
Agriculture

Natural Resources
Conservation Service

ESTIMATED QUANTITIES

CLIENT: GORDAN ERIKSON

COUNTY: WAUKESHA

Designed KAW Date 6/17/25

Drawn KAW Date 6/17/25

Checked MTS 7/25

Approved _____

Drawing Name
WI-005

Date
05/15

Sheet 2 of 7

CONSTRUCTION NOTES

1. ALL UNDERGROUND HAZARDS AND UTILITIES MUST BE INVESTIGATED PRIOR TO CONSTRUCTION. NOTIFICATION OF EFFECTED UTILITY COMPANIES IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTACT DIGGERS HOTLINE AT LEAST THREE DAYS PRIOR TO START OF CONSTRUCTION.
2. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED WITH NRCS PERSONNEL, THE CONTRACTOR, AND THE LANDOWNER PRIOR TO CONSTRUCTION START-UP.
3. THE CONTRACTOR AND/OR LANDOWNER SHALL NOTIFY NRCS AT LEAST 3 DAYS PRIOR TO START-UP OF CONSTRUCTION.
4. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH WISCONSIN NRCS CONSTRUCTION SPECIFICATION (ATTACHED TO THIS PLAN). IF YOU HAVE QUESTIONS CONTACT NRCS AT 920-674-2020.
5. THE LANDOWNER IS RESPONSIBLE FOR ALL LOCAL, STATE, AND FEDERAL PERMITS PRIOR TO CONSTRUCTION.
6. IF SOIL IS STOCKPILED A WDNR OR WAUKESHA COUNTY PERMIT MAY BE REQUIRED.
7. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL ACCESS AND STAGING AREA TO PRE-CONSTRUCTION CONDITIONS AFTER CONSTRUCTION IS COMPLETE.
8. NO SPOILS SHALL BE PLACED IN WETLANDS OR WITHIN THE 100-YEAR FLOODPLAIN. SPOIL DISPOSAL LOCATION MUST BE APPROVED BY NRCS PRIOR TO PLACEMENT.
9. NRCS WILL STAKE OUT ALL CONSTRUCTION ACTIVITIES PRIOR TO CONSTRUCTION.
10. ALL DISTURBED AREAS WITHIN THE PROJECT AREA SHALL BE SEEDED WITH THE MIX SPECIFIED ON SHEET 6.
11. ESTABLISH VEGETATION ON SPOIL AREAS IF THE AREA WILL NOT BE CROPPED. IF SPOIL DISPOSAL IS COMPLETED AT A TIME OF YEAR THAT IS NOT CONDUCIVE TO THE ESTABLISHMENT OF THE DESIRED PLANT SPECIES OR CROPPING IS DELAYED, UTILIZE TEMPORARY EROSION CONTROL MEASURES IMMEDIATELY AND MAINTAIN THE MEASURES UNTIL THE SITE CAN BE SUCCESSFULLY VEGETATED OR CROPS PLANTED.
12. THE SCRAPE BOTTOM SHALL NOT BE FLAT, THE BOTTOM SHALL BE ROUGH AND HAVE VARIABLE ELEVATION, SEE SHEET 5 FOR DETAILS.
13. SITE CONDITIONS ARE TYPICALLY WET, CONTRACTOR IS RESPONSIBLE FOR OPERATING PROPER EQUIPMENT FOR THOSE CONDITIONS AND IS RESPONSIBLE FOR MAKING SURE ALL EQUIPMENT IS CLEANED AND FREE OF DEBRIS, SOIL, AND VEGETATION PRIOR TO LEAVING SITE.



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Conservation Service

CONSTRUCTION NOTES

CLIENT: GORDAN ERIKSON

COUNTY: WAUKESHA

Designed	<u>KAW</u>	Date	<u>6/17/25</u>
Drawn	<u>KAW</u>	Date	<u>6/17/25</u>
Checked	<u>MTS</u>	Date	<u>7/2X</u>
Approved			

Drawing Name
WI-011

Date
06/14

Sheet 3 of 7

SPOILS LOCATION - 5100 CY

- PLACE FILL OUTSIDE OF THE 100-YEAR FLOODPLAIN AND WETLANDS
- PER LANDOWNERS PREFERENCE SPREAD OR PILE ON CROPLAND
- PILES MUST HAVE A MINIMUM SLOPE OF 8:1

NORTHERN WETLAND SCRAPE - 0.5 ACRE
 24" AVERAGE DEPTH, MAX DEPTH 4-FEET.
 SCRAPE BOTTOM SHALL HAVE MICRO-TOPOGRAPHY.
 SEE SHEET 5 & 6 FOR DETAILS.

CRITICAL AREA SEEDING - 1.0 ACRE
 SEED 25-FOOT BUFFER AROUND SCRAPE AND ALL DISTURBED AREAS.
 SEE SHEET 5 AND 6 FOR DETAILS.

SOUTHERN WETLAND SCRAPE - 0.5 ACRE
 24" AVERAGE DEPTH, MAX DEPTH 4-FEET.
 SCRAPE BOTTOM SHALL HAVE MICRO-TOPOGRAPHY.
 SEE SHEET 5 & 6 FOR DETAILS.

100-YEAR FLOODPLAIN AND MAPPED WETLANDS - NO FILL SHALL BE PLACED IN MAPPED WETLANDS OR THE FLOODPLAIN. THE TECHNICIAN WILL FLAG WETLAND BOUNDARIES PRIOR TO CONSTRUCTION.



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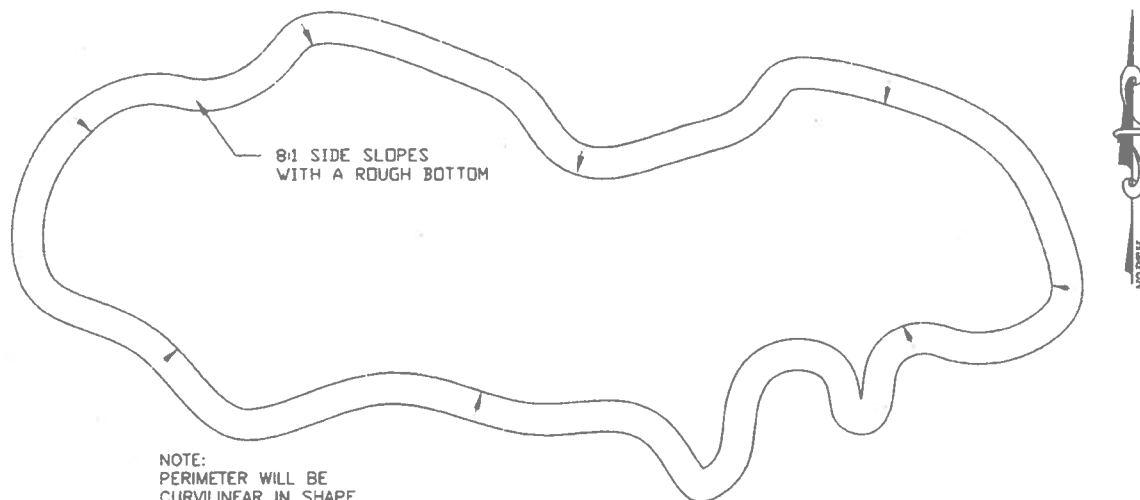
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PLAN VIEW

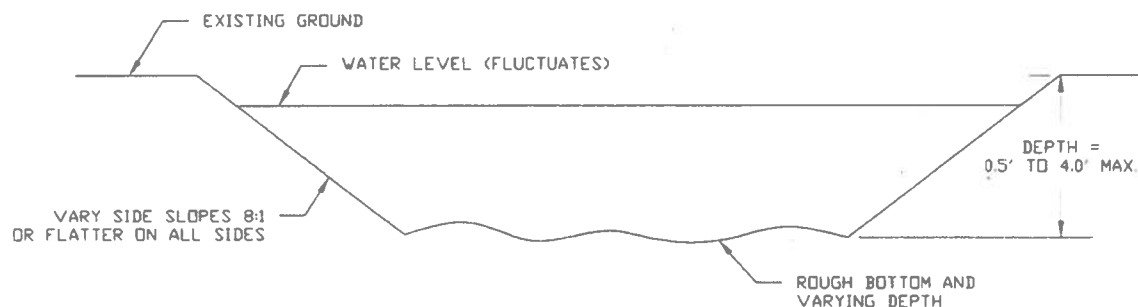
CLIENT: GORDAN ERIKSON
 COUNTY: WAUKESHA

	Date	6/17/25
Designed	KAW	6/17/25
Drawn	KAW	6/17/25
Checked	MJS	7/25
Approved		

Drawing Name	WI-011
Date	06/14
Sheet	4 of 7



WETLAND SCRAPE PLAN VIEW



TYPICAL WETLAND SCRAPE CROSS SECTION

SEE SHEET 4 FOR THE
LOCATION OF THE SCRAPES

NOTES:

1. SCRAPES/BORROW AREAS WILL BE CONSTRUCTED AT LOCATIONS AND AS FLAGGED BY THE TECHNICIAN.
2. SCRAPES ARE TO BE IRREGULAR IN SHAPE WHEN COMPLETED. WHEEL RUTS ARE ALLOWED AND DESIRED.
3. WISCONSIN CONSTRUCTION SPECIFICATION 2, EXCAVATION, SHALL BE FOLLOWED.
4. STRIP MINIMUM 6" OF TOPSOIL AND STOCKPILE IT FOR SPREADING, IF NEEDED, AFTER THE EXCAVATION IS COMPLETED.
5. BEFORE TOPSOIL IS SPREAD, THE DEPTH AND SLOPES MUST BE CHECKED BY THE TECHNICIAN. SEEDING SHALL BE DONE AS PER JOB SHEET 134 FOR INTRODUCED SPECIES OR JOB SHEET 135 FOR NATIVE SPECIES OR WI DRAWINGS WI-710 OR WI-711.
6. SPOIL SHALL BE DISPOSED OF AT LOCATIONS APPROVED BY THE TECHNICIAN.



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**WETLAND SCRAPE/BORROW
AREAS**

CLIENT: GORDAN ERIKSON
COUNTY: WAUKESHA

Date
Designed KAW 6/17/25
Drawn KAW 6/17/25
Checked MJS 7/25
Approved _____

Drawing Name
WI-950A

Date
07/2019

Sheet 5 of 7

SEEDING DATES

SOUTH

TIME PERIOD	DATES			TYPE OF SEEDING
Spring	April 1	through	May 15	Permanent
Summer	May 16	through	see WI-710 s pg 2	Temporary *
Late Summer	August 7	through	August 29	Permanent
Fall	August 30	through	see WI-710 s pg 2	Temporary *
Late Fall	November 1	through	Snow Cover	Dormant
Winter	Snow Cover	through	March 31	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 (K2O) per acre. Apply two tons / acre of 80-89 lime or equivalent. (See page 2 for equivalent)

* Seed a temporary cover crop of **Annual Ryegrass** at 20 #/ac (0.8 bu/ac)
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 (DESIGN)	LOCATION: ACRES:	SCRAPE 1.00
SPECIES	RATE	POUNDS
Timothy	6.0	6.0
Perennial Ryegrass	6.0	6.0
Red Clover	6.0	6.0
Smooth Bromegrass	12.0	12.0
Kentucky Bluegrass	4.0	4.0
**	#N/A	#N/A

SEEDING MIX _____	LOCATION _____	
(AS-BUILT)	ACRES _____	
SPECIES	RATE	POUNDS

1. PLS = 100% Germination x 100% Purity x 100% Test Weight

(100%)

** Companion Crop

ADDITIONAL SEED PERCENT 100%

Mulching Required No WARNING TOO HIGH

MINIMUM ADDITIONAL SEED - 20%

Total % Germination may also be termed Total % Viable Seed on a tag. If a tag only shows % Germination, the user must include percentage of the seed that germinated during the lab test (% Germination) **plus** the percentage of hard and/or dormant seed. Hard seed and dormant seed are seeds that are still capable of germinating and producing a plant but did not germinate under the conditions of the test in the lab

Additional native seeds may be required by permitting agencies. These additions are allowed.
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 less than 1/4 inch deep.



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INTRODUCED SPECIES
SEEDING ESTABLISHMENT

CLIENT: GORDAN ERIKSON
COUNTY: WAUKESHA

Date 6/17/25
Designed KAW
Drawn KAW 6/17/25
Checked MJS 7/25
Approved _____

File Name
WI-710
Date
12/2016

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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.

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 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.

Two (2) tons/ac of 80-89 lime or equivalent from UW-EXT A3671

<u>Lime Quality</u>	<u>Tons / AC.</u>	<u>Lime Quality</u>	<u>Tons / AC.</u>
40-49	3.9	70-79	2.3
50-59	3.2	90-99	1.9
60-69	2.7	100+	1.6



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INTRODUCED SPECIES SEEDING ESTABLISHMENT CONT.

CLIENT: GORDAN ERIKSON
COUNTY: WAUKESHA

Designed KAW Date 6/17/25
Drawn KAW Date 6/17/25
Checked MJS 7/25
Approved _____

File Name
WI-710
Date
12/2016

Sheet 7 of 7