

Information for File #2012-05174-MHK

Applicant: Village of Menomonee Falls

Corps Contact: Marie Kopka

Address: U.S. Army Corps of Engineers
20711 Watertown Road, Suite F.
Waukesha, Wisconsin 53186

E-Mail: Marie.H.Kopka@usace.army.mil

Phone: (262) 717-9539 ext. 4

Primary County: Waukesha

Section/Township/Range: Sec. 5, T. 8N., R. 20E.

Information Complete On: March 29, 2013

Posting Expires On: April 29, 2013

Authorization Type: Section 404 Letter of Permission

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

Project AFTER-THE-FACT APPLICATION? No.

PROJECT INVOLVES:

THREATENED OF ENDANGERED SPECIES? No.
TRIBAL TRUST OR OTHER RESOURCES? No.
A LISTED STATE-IMPAIRED WATER? No.
FEMA 100-YEAR FLOODPLAIN? Yes.
COASTAL RIDGE & SWALE CMPLX? No.
MINK, KAKAGON OR BAD RIVER? No.
PLEASANT PRAIRIE ADID? No.

PROJECT DESCRIPTION AND PURPOSE: The Village of Menomonee Falls is applying for a Department of the Army permit to discharge dredged and fill material into waters of the United States for the construction of a wetland scrape in association with the reconstruction of Christman Road. The project would include grading in adjacent uplands in order to route storm water from Christman Road into the wetland scrape before water discharges into a tributary to the Fox River. This wetland enhancement project would provide some flood storage and relief to surrounding properties but is not designed as an engineered detention facility.

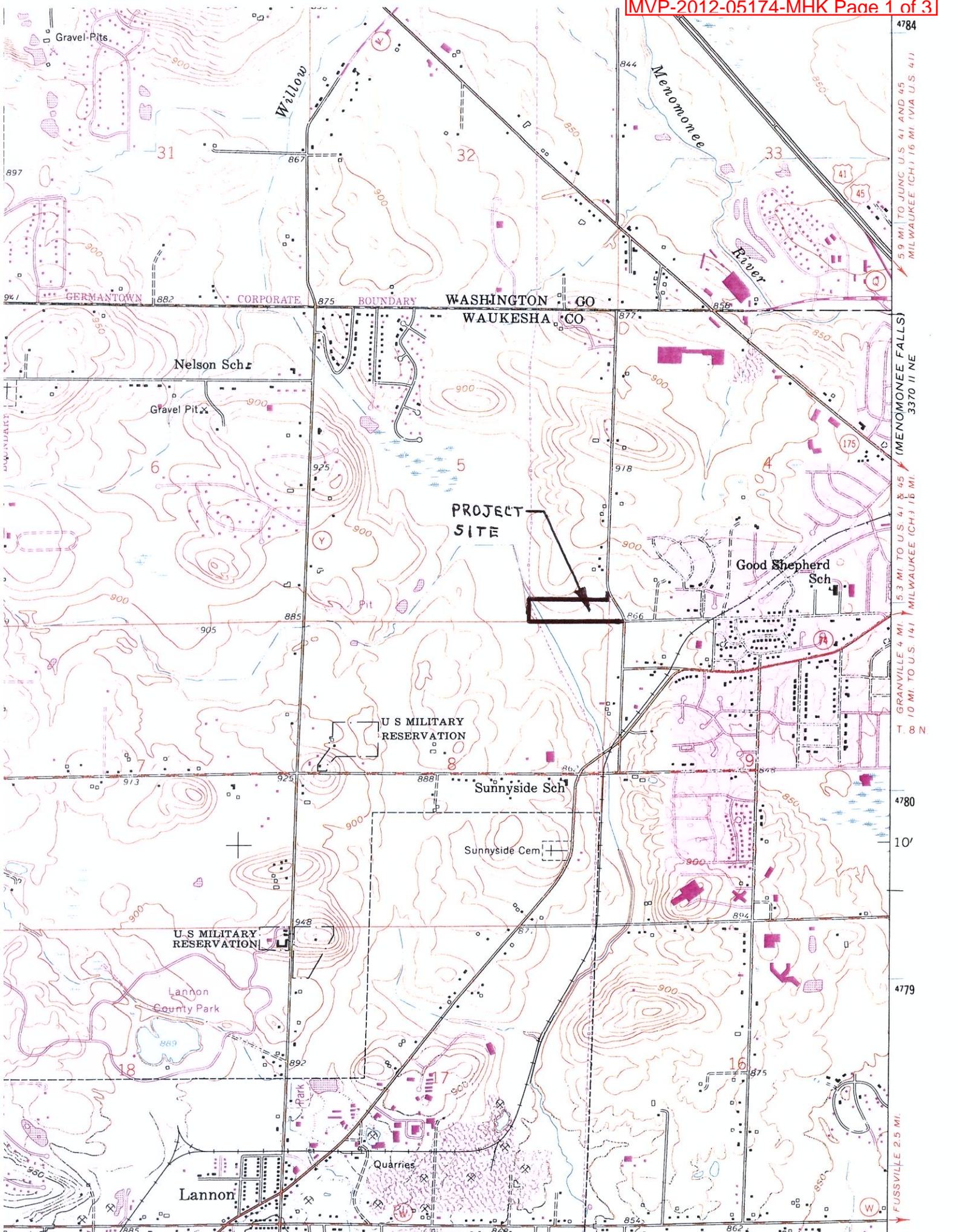
NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: The proposed project would result in the filling of 0.16 acre of farmed wetland and the grading and enhancement of 0.45 acre of farmed wetland. With the additional excavation and seeding of adjacent upland areas, the total fresh wetland meadow area proposed would be approximately 1 acre in size. The applicant proposes to seed the wetland area with a wet prairie seed mix. The adjacent upland area would be seeded with a tallgrass prairie seed mix.

ALTERNATIVES CONSIDERED: The “no action” alternative was eliminated because this alternative would not meet the project purpose and need. The applicant considered an alternative design to avoid the existing wetland area. However, this alternative would not meet the project purpose of enhancing the existing wetland and would result in the wetland becoming higher in elevation than the surrounding upland area (i.e. the wetland area would eventually be eliminated).

COMPENSATORY MITIGATION: Because wetland functions would increase and downstream waters would benefit from the proposed project, no compensatory mitigation would be required.

Additional information is available upon request.

Drawings See attached maps and drawings labeled MVP-2012-05174-MHK, Page 1 of 3 through Page 3 of 3.



4784

5.9 MI TO JUNC U.S. 41 AND 45
MILWAUKEE (CH.) 16 MI (VIA U.S. 41)

(MENOMONEE FALLS)
3370 II NE

GRANVILLE 4 MI 5.3 MI TO U.S. 41 & 45
10 MI TO U.S. 141 MILWAUKEE (CH.) 16 MI

4780

10'

4779

FUSSVILLE 2.5 MI.

REVISION/PLOT DATE
 Sht09_PondGrading.dgn 3/21/2013
 PLOT BY: T. HARTJES

EROSION CONTROL

EROSION CONTROL

A. General.
 1. The Contractor shall take all measures necessary to minimize erosion, water pollution and siltation caused by construction of this project. Erosion control measures shall be in accordance with Chapter 2.8.0 of the "Standard Specifications", Subs 107.20 and Section 628.0 of the "State Specifications", and the details shown on the Plans.
 The Contractor shall use the standards prepared by the Wisconsin Department of Natural Resources (WDNR) as reference and guide for erosion control practices. The standards are maintained and located on the WDNR website at:
http://dnr.wi.gov/topic/stormwaterstandardsconst_standards.html

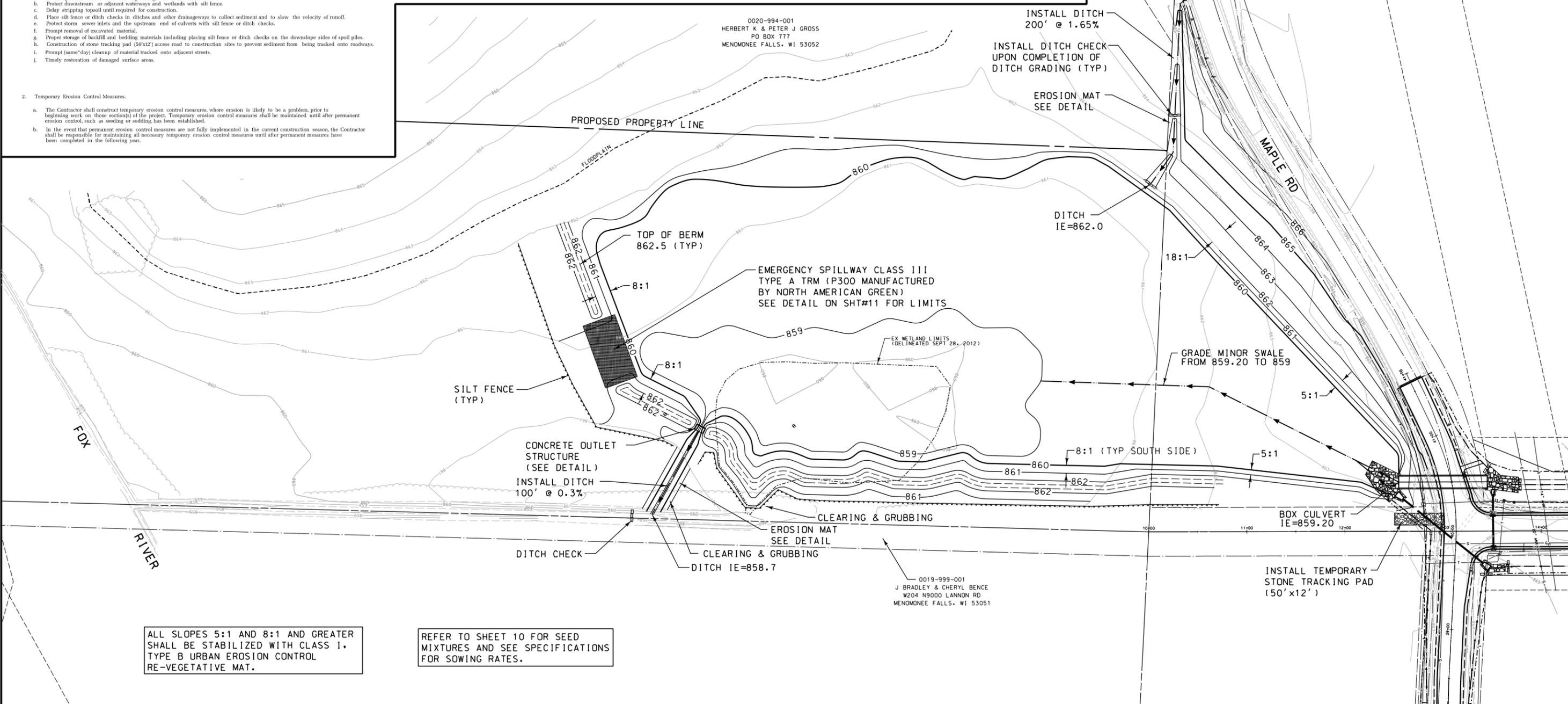
The Contractor shall comply with the provisions of local erosion control plans and/or ordinances.
2. Erosion Control Plan.
 a. Prior to beginning work, the Contractor may be required to submit an erosion and sediment control plan, detailing specific measures that will be employed in the various stages of construction for approval by the Engineer.
3. Implementation.
 a. The Contractor shall not begin work until after initial erosion and sediment control devices are in place and approved by the Engineer.

B. Erosion Control Measures.
 1. Erosion control measures shall include, but not be limited to the following:
 a. Divert upstream runoff from flowing through the construction site.
 b. Protect downstream or adjacent waterways and wetlands with silt fence.
 c. Delay stripping topsoil until required for construction.
 d. Place silt fence or ditch checks in ditches and other drainageways to collect sediment and to slow the velocity of runoff.
 e. Protect storm sewer inlets and the upstream end of culverts with silt fence or ditch checks.
 f. Prompt removal of excavated material.
 g. Proper storage of backfill and bedding materials including placing silt fence or ditch checks on the downslope sides of spoil piles.
 h. Construction of stone tracking pad (50'x12') access road to construction sites to prevent sediment from being tracked onto roadways.
 i. Prompt (same day) cleanup of material tracked onto adjacent streets.
 j. Timely restoration of damaged surface areas.

2. Temporary Erosion Control Measures.
 a. The Contractor shall construct temporary erosion control measures, where erosion is likely to be a problem, prior to beginning work on those section(s) of the project. Temporary erosion control measures shall be maintained until after permanent erosion control, such as seeding or sodding, has been established.
 b. In the event that permanent erosion control measures are not fully implemented in the current construction season, the Contractor shall be responsible for maintaining all necessary temporary erosion control measures until after permanent measures have been completed in the following year.

C. Construction Activity.
 1. Description.
 Major construction activities on this project include:
 a. clearing and grubbing
 b. site grading
 c. detention pond
 d. ditching
 e. road construction
 2. Construction Sequence.
 Construction activities will generally consist of the following work sequence:
 a. install temporary erosion control
 b. clearing and grubbing
 c. construct detention pond
 d. construct ditches to divert or direct runoff
 e. site grading
 f. complete site grading
 g. place salvaged topsoil, seed, mulch, and erosion mat (where required) and install permanent erosion control measures

D. Erosion Control Sequence.
 No construction may proceed until after the appropriate erosion control devices have been installed and approved by the Engineer. Erosion control measures or devices shall be installed in the following sequence, unless otherwise approved by the Engineer.
 1. Preconstruction Erosion Control Measures.
 a. Install silt fence as shown on the plans
 b. Construct detention pond.
 c. Protect existing culverts and storm inlets with ditch checks or silt fence.
 d. Construct stone tracking pad (50'x12') access roads.
 2. Erosion Control Measures Installed During Construction.
 a. Place ditch checks or silt fence in rough graded drainageways.
 b. Protect stockpiles with silt fence.
 c. Immediate restoration of critical areas such as stream banks.
 d. Maintenance of erosion control devices.
 3. Permanent Erosion Control Measures
 a. Seed and mulch immediately after placing topsoil.
 b. Install erosion control fabric.
 c. Place ditch checks on steep slopes in ditches.
 4. Post Construction Activities.
 a. Remove all temporary erosion control devices after permanent erosion control has been established and the site is stabilized.
 b. Restore areas from which erosion control devices have been removed by seeding, mulching, and erosion mat or sodding as directed by the Engineer.



ALL SLOPES 5:1 AND 8:1 AND GREATER SHALL BE STABILIZED WITH CLASS I, TYPE B URBAN EROSION CONTROL RE-VEGETATIVE MAT.

REFER TO SHEET 10 FOR SEED MIXTURES AND SEE SPECIFICATIONS FOR SOWING RATES.

NO.	REVISIONS	BY	DATE

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING. 0" = 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWN BY: PRELIM B.J.G. FINAL B.J.G. DATE JANUARY, 2013	DESIGNED BY D. PINKOWSKI CHECKED BY T. HARTJES SCALE HORZ: 1"=50'
REVISED TO CONFORM TO CONSTRUCTION RECORDS DATE _____ BY _____		

CRISPELL-SNYDER, INC.
 PROFESSIONAL CONSULTANTS
Lake Geneva (262)348-5600 Madison (608)244-6277 Milwaukee Region (262)250-8000
 Racine (262)554-8530 Fox Valley (715)752-4620

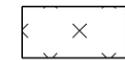
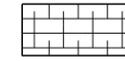
POND GRADING & EROSION CONTROL CHRISTMAN ROAD RECONSTRUCTION VILLAGE OF MENOMONEE FALLS WAUKESHA COUNTY, WISCONSIN	
PROJECT NO. R12-0063-100	SHEET NO. 9 OF 20
FILE NO. F-	

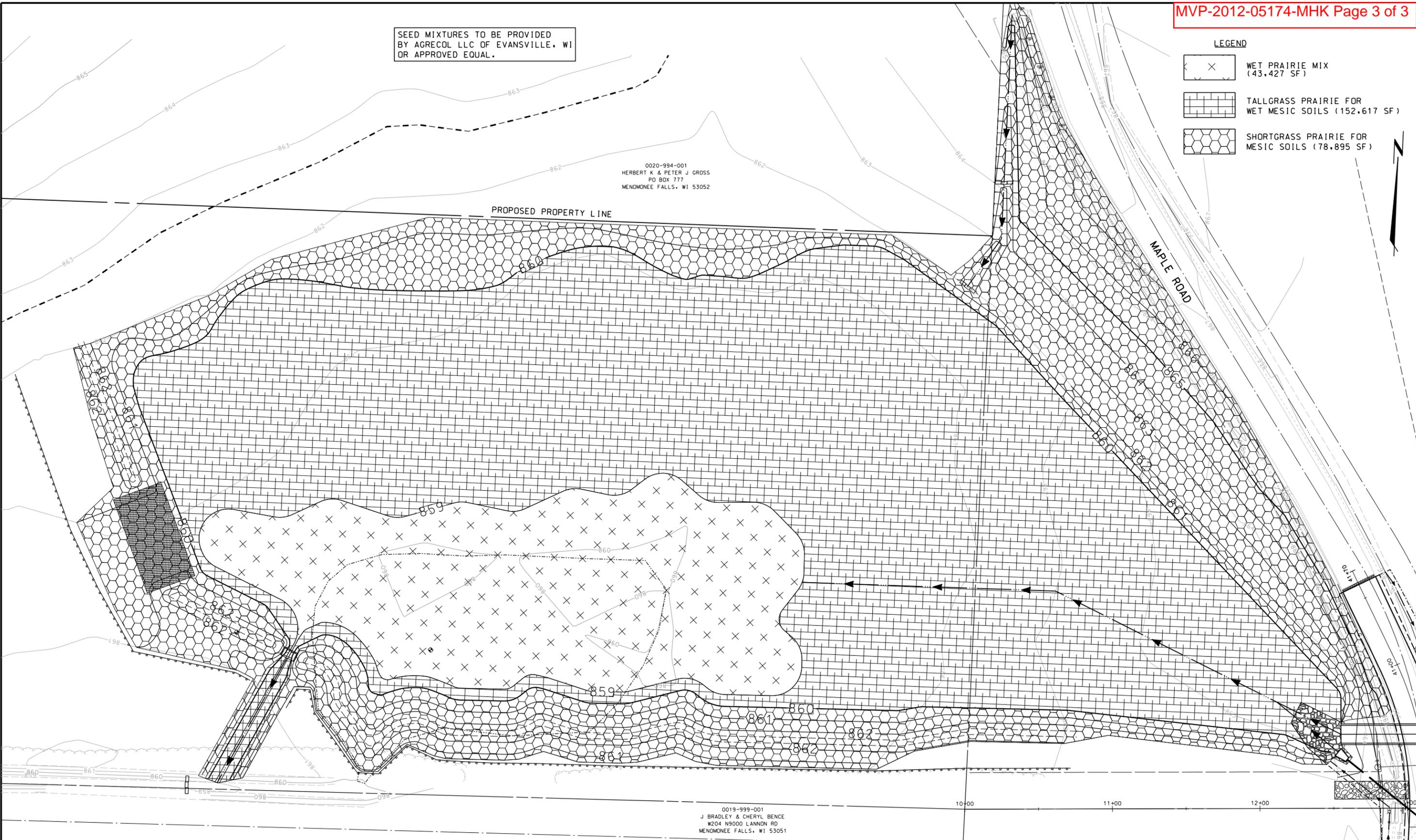
REVISION/PLOT DATE

SEED MIXTURES TO BE PROVIDED BY AGRECOL LLC OF EVANSVILLE, WI OR APPROVED EQUAL.

0020-994-001
HERBERT K & PETER J GROSS
PO BOX 777
MENOMONEE FALLS, WI 53052

LEGEND

-  WET PRAIRIE MIX (43,427 SF)
-  TALLGRASS PRAIRIE FOR WET MESIC SOILS (152,617 SF)
-  SHORTGRASS PRAIRIE FOR MESIC SOILS (78,895 SF)



0019-999-001
J BRADLEY & CHERYL BENCE
W204 N9000 LANNON RD
MENOMONEE FALLS, WI 53051

NO.	REVISIONS	BY	DATE

VERIFY SCALES		DRAWN BY:		DESIGNED BY	
BAR IS ONE INCH ON ORIGINAL DRAWING.		PRELIM	FINAL	D. PINKOWSKI	
0" = 1"		BJG	BJG	CHECKED BY	
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		DATE		T. HARTJES	
		JANUARY, 2013		SCALE	
				HORZ: 1"=30'	
REVISED TO CONFORM TO CONSTRUCTION RECORDS DATE BY					

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**POND PLANTING & LANDSCAPE PLAN
CHRISTMAN ROAD RECONSTRUCTION
VILLAGE OF MENOMONEE FALLS
WAUKESHA COUNTY, WISCONSIN**

PROJECT NO.	R12-0063-100
SHEET NO.	10 OF 20
FILE NO.	F-

ALL RIGHTS RESERVED