



Board of County Commissioners Agenda Request

5D
Agenda Item #

Requested Meeting Date:

Title of Item:

<input checked="" type="checkbox"/> REGULAR AGENDA <input type="checkbox"/> CONSENT AGENDA <input type="checkbox"/> INFORMATION ONLY	Action Requested: <input type="checkbox"/> Approve/Deny Motion <input type="checkbox"/> Adopt Resolution (attach draft)	<input type="checkbox"/> Direction Requested <input type="checkbox"/> Discussion Item <input checked="" type="checkbox"/> Hold Public Hearing* <i>*provide copy of hearing notice that was published</i>
Submitted by: Kirk Peysar		Department: Auditor
Presenter (Name and Title): Kirk Peysar, John Welle, Jim Ratz		Estimated Time Needed:
Summary of Issue: A public hearing for the Partial Abandonment of a Drainage System (County Ditch 24) located in Sections 7, 8, and 18 of Spencer Township T47N, R26W) and Sections 12 and 13 of Aitkin Township (T47N, R27W). EverStar, LLC submits this petition pursuant to Minnesota Statute 103E.806. See attachments		
Alternatives, Options, Effects on Others/Comments:		
Recommended Action/Motion:		
Financial Impact: Is there a cost associated with this request? <input type="checkbox"/> Yes <input type="checkbox"/> No What is the total cost, with tax and shipping? \$ Is this budgeted? <input type="checkbox"/> Yes <input type="checkbox"/> No Please Explain:		

NOTICE OF PUBLIC HEARING

AITKIN COUNTY BOARD OF COMMISSIONERS

**Partial Ditch Abandonment of a Drainage System
Involving County Ditch 24
(Pursuant to Minnesota Statute 103E.806)**

Notice is hereby given that on Tuesday, September 9, 2014 , at 10:00a.m., the Aitkin County Board of Commissioners will hold a public hearing at the county board room, county courthouse in the City of Aitkin, Minnesota, for the purpose of considering partial abandonment of drainage systems, in the County of Aitkin, Minnesota.

A copy of the petition for partial abandonment of a drainage system is available for public review at the Office of the County Auditor, Aitkin County Courthouse, 209 Second Street Northwest, Aitkin, Minnesota. Or by calling 218-927-7354.

BY ORDER OF THE COUNTY BOARD.

Dated at Aitkin, Minnesota, this 12th day of August, 2014.

**Kirk Peysar
County Auditor**

STATE OF MINNESOTA

AITKIN COUNTY BOARD OF COMMISSIONERS
DRAINAGE AUTHORITY FOR AITKIN COUNTY DITCH 24

Regarding the Petition of EverStar, LLC, for the Impoundment and Diversion of Drainage System Waters on Aitkin County Ditch 24 (Statutes Section 103E.227) and alternative Petition for Partial Abandonment of Drainage System (Statutes Section 103E.806)	Petition for Impoundment and Diversion and Alternative Petition for Partial Abandonment
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For its petition to impound and divert waters on Aitkin County Ditch (CD) 24, or, in the alternative, for its petition to partially abandon CD 24, EverStar, LLC states and alleges the following:

Part 1: General Statement of Facts and Conditions:

1. EverStar, LLC is the owner of property in portions of Sections 7, 8 and 18 of Spencer Township (T47N, R26W) and Sections 12 and 13 of Aitkin Township (T47N, R27W) all in Aitkin County, Minnesota.
2. EverStar's property is within the benefitted area of CD 24 and is subject to assessment for the maintenance of CD 24.
3. A branch of CD 24 traverses a portion of EverStar's property flowing west from the northeast corner of Section 18 and following the north line of section 18 for approximately ¼ mile then flowing south across section 18 where it enters the main channel of CD 24 which flows west to the Mississippi River. The main channel of CD 24 follows the improved course of Sissabagemah Creek for approximately 1 ¼ miles before entering the Mississippi River. (See Attachment 1).

4. Everstar is proposing a wetland restoration on its property which will be protected by a permanent conservation easement. This will require permanent modification of the public drainage system which has eliminated wetland hydrology by draining the property. The modification will include obstruction of the branch of the drainage system located on EverStar's property in order to block the drainage system waters and divert them into the property to support the wetland restoration. Modification of CD 24 will accompany elimination of private ditches and drainage improvements on the property.
5. The location of the modifications, concept plans for the proposed project, and maps that identify the areas likely to be affected by the project are included in Attachment 2.
6. EverStar owns all property to be affected by the modifications and is funding the modifications as a private project. EverStar does not request any funds from the public drainage system for its project.
7. After construction of its project, water draining from and through EverStar's property will continue to discharge to CD 24. Therefore, EverStar's property will continue to benefit from CD 24 and be subject to assessments for future maintenance of CD 24. EverStar is not seeking removal of its property from the benefitted area of the drainage system.

Part 2a: Petition for Impoundment and Diversion of Drainage System Waters:

8. Minnesota Statutes Section 103E.227 allows any person, public or municipal corporation, governmental subdivision, the state or a department or agency of the state or federal government to petition to impound or divert drainage system waters for beneficial use.

Beneficial uses can include wetland preservation or restoration or creation of water quality improvements or flood control.

9. The project does not impact public waters and neither a public waters work permit nor a water use permit is required from the commissioner of natural resources. EverStar is securing all required local, state and federal permits for its project and evidence of such permits may be made a condition of approval of the action requested by this petition.
10. A bond or similar surety in the amount of \$10,000 was offered upon initial filing of this petition as required by statutes section 103E.202; but EverStar was notified by the Drainage Authority that the bond was not required.
11. EverStar understands that it must pay the costs incurred if the proceedings are dismissed.
12. EverStar has performed a technical analysis of the proposed modifications of the drainage system to ensure that the drainage system modification will not impair the utility of the drainage system or deprive affected landowners of its benefit. The technical analysis is found in Attachment 3.
13. EverStar's proposed project will be of a public and private benefit. The public benefits of the project result from the restoration of natural wetland conditions and the elimination of soil and nutrient runoff to the Mississippi River. Additional public benefits result from the creation of wetland mitigation to support development in the region. Private benefits will result from the project because restrictions on the use of the property make the development of wetland mitigation bank the highest and best use of the property.

14. Based on the technical analysis found in Attachment 3, no flowage or other easements are necessary as a result of the modification of the drainage system and all impacts from the modification of the drainage system will be contained on EverStar's property.
15. Granting of the petition to impound or divert drainage system waters will give EverStar authority to permanently modify the drainage system in the manner detailed in Attachment 2. The permanent modification will be reflected in the drainage system record as the only authorized configuration of the drainage system on the property. The permanent modification is not subject to further changes, including restoration of the original alignment or grade of the drainage system, that are inconsistent with plans and specifications for the permanent modification found in Attachment 2.
16. EverStar acknowledges that it is solely responsible for construction, operation, and maintenance of the drainage system modifications and remains subject to the Drainage Authority's jurisdiction and authority to require EverStar to maintain the modification at EverStar's expense.
17. By operation of statute section 103E.227, unless the Drainage Authority determines otherwise, the drainage system will have no financial obligation for the cost of future maintenance of the drainage system modifications.

Part 2b: Alternative Petition for Partial Abandonment of Drainage System:

18. Minnesota Statutes Section 103E.806 allows an owner of benefited property to petition the drainage authority to abandon any part of the drainage system that is not of public

benefit and utility and does not serve a substantial useful purpose to property remaining in the system.

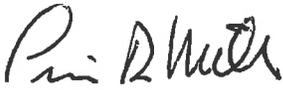
19. The benefitted properties and roads lying upstream of EverStar's property will continue to discharge beneficial drainage onto EverStar's property and EverStar's modification of the drainage system will continue to carry those waters through EverStar's property and return them to a downstream, unmodified portion of the drainage system.
20. EverStar's analysis of the impact of its project indicates that once the project and modifications to the drainage system are constructed, the modified portion of the drainage system will not be of public benefit and will not serve a substantial useful purpose to property remaining in the system.
21. The construction plan for EverStar's wetland restoration provides for the passage of drainage system waters through EverStar's property along the general route of CD 24.
22. EverStar's wetland restoration plan provides for the passage of water in a manner that does not adversely affect adjacent lands or damage any property that otherwise relies on CD 24 as an outlet for drainage.
23. Based on the post-project conditions to be established and maintained by EverStar as part of its wetland restoration, the branch of CD 24 on EverStar's property will no longer be of public benefit and utility or serve a substantial useful purpose to property remaining in the system.
24. Continuing jurisdiction is the only difference in the drainage authority's status after granting a petition to impound and divert drainage system waters under statute section 103E.227 versus granting a petition for partial abandonment under 103E.806. When a

portion of a drainage system is abandoned, the responsibility of the drainage authority for that part of the drainage system ends. When authority is granted to modify a drainage system, the drainage authority retains jurisdiction over the modification and may require the petitioner to maintain modification under the drainage code.

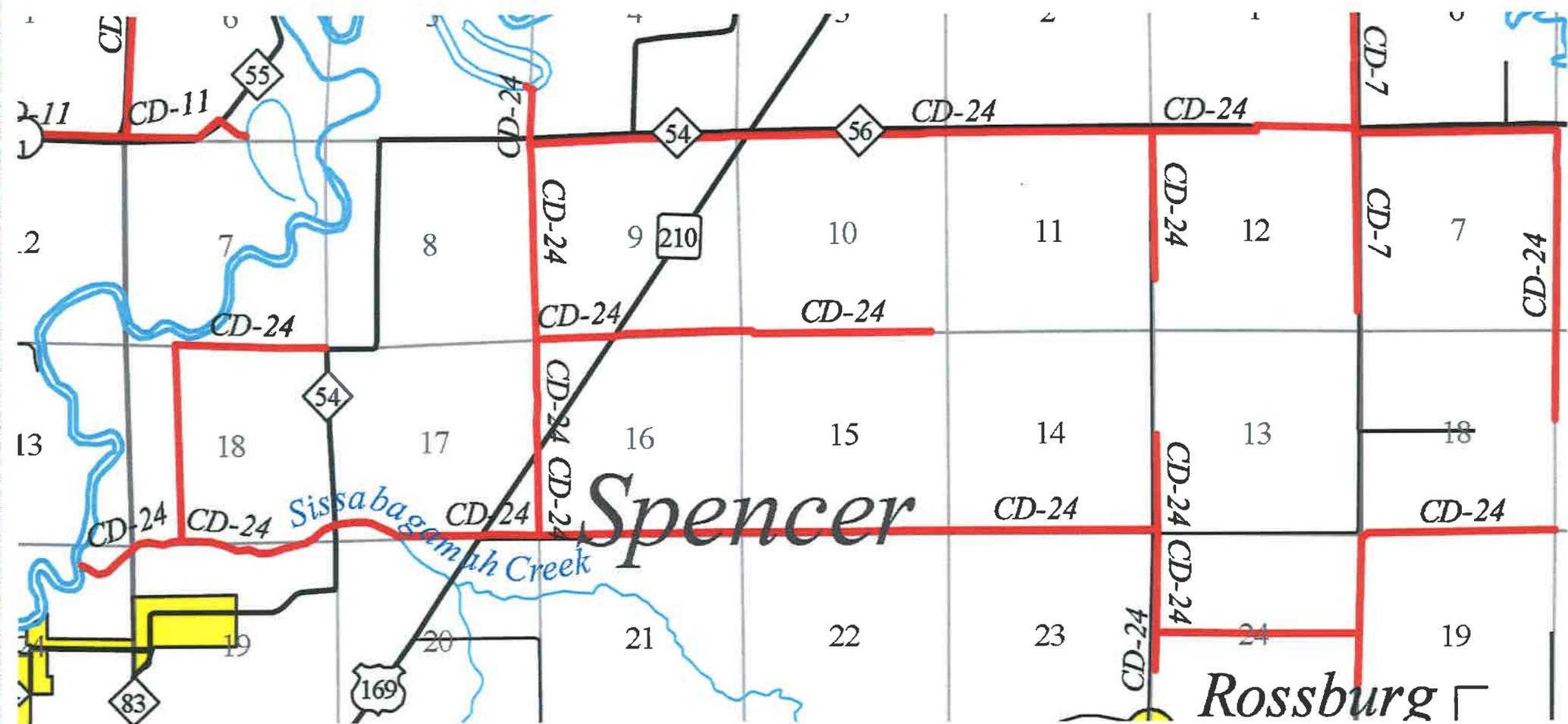
25. Therefore, in the alternative, if the Drainage Authority finds it to be in the public interest, EverStar petitions for partial abandonment of the branch of CD 24 on its property.

Respectfully Submitted,

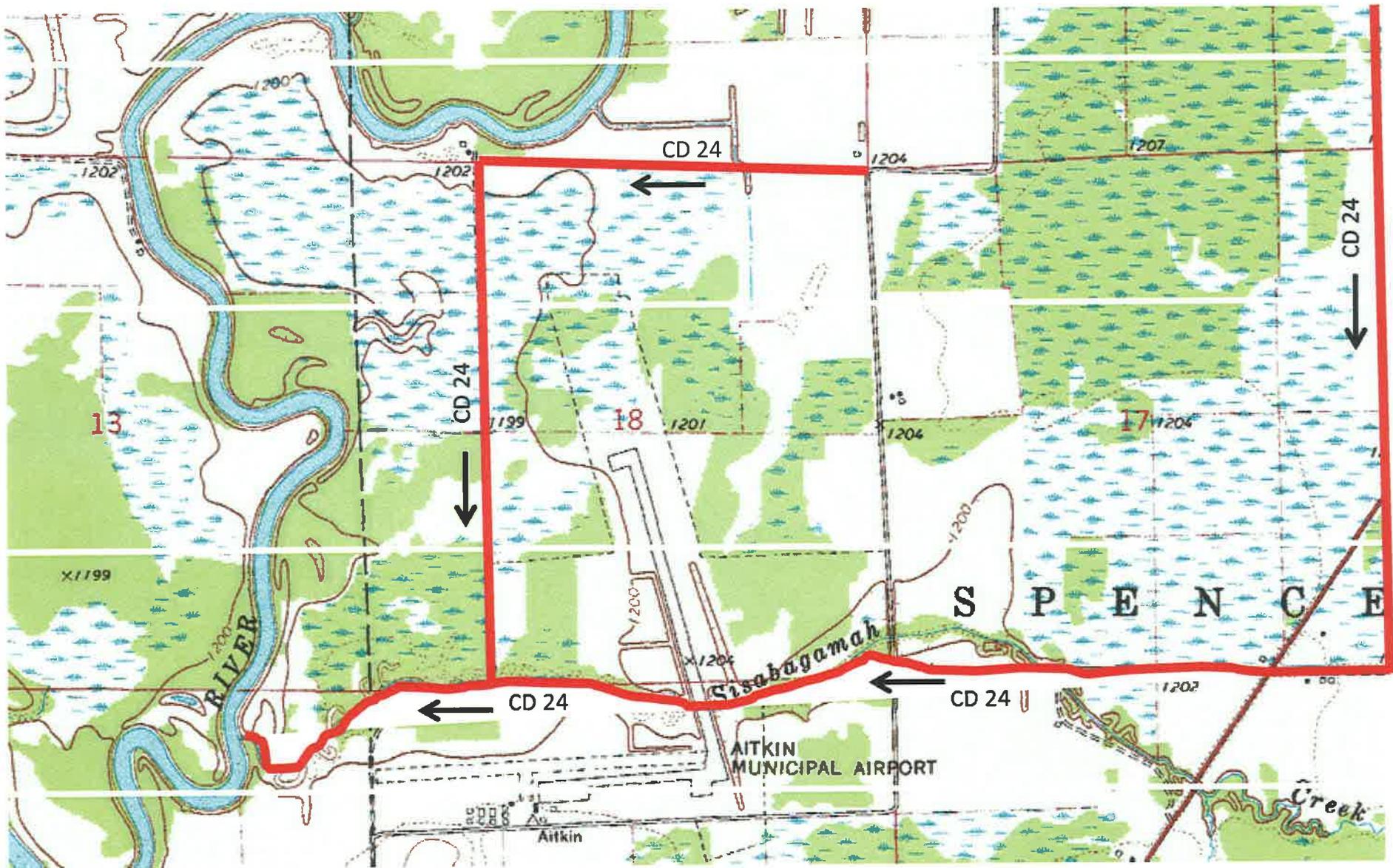
EverStar, LLC

By 

Travis D. Mills, its President
9302 Interlachen Road
Lake Shore, MN 56468



ATTACHMENT 1 (Petition for Impoundment/Partial Abandonment



ATTACHMENT 1 (Petition for Impoundment/Partial Abandonment)

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Construction Plans

for

Grading, Drainage, and Erosion Control

for

EverStar Wetland Bank Project Aitkin County, Minnesota

Prepared for:

EverStar, LLC
 9302 Interlachen Road
 Lake Shore, Minnesota 56468
 Contact: Gayle Momchilovich
 Phone: 218-963-4515

Prepared by:



Westwood Professional Services, Inc.

7659 Ansgren Drive

Eden Prairie, MN 55344

PHONE 952-837-6199

FAX 952-837-0822

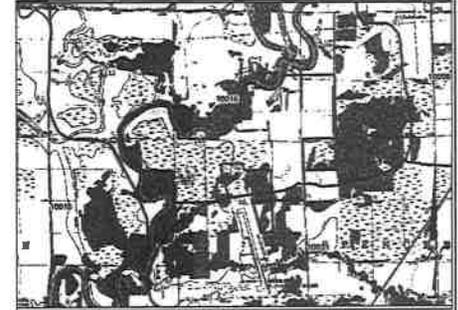
TOLL FREE 1-888-937-6150

www.westwoodps.com

Project number: 2004-7566

Contact: Eric J. Hansen

Vicinity Map



(Not to Scale)

Sheet List Table	
Sheet Number	Sheet Title
1	COVER
2	OVERALL WETLAND PLAN
2A	GENERAL DESIGN SUMMARY
3	WETLAND CONSTRUCTION DETAILS
3A	COUNTY DITCH ORIGINATION DETAIL
4	WETLAND PLAN - SHEET A
5	WETLAND PLAN - SHEET B
6	WETLAND PLAN - SHEET C
7	WETLAND PLAN - SHEET D
8	WETLAND PLAN - SHEET E
9	WETLAND PLAN - SHEET F
10	WETLAND PLAN - SHEET G
11	WETLAND PLAN - SHEET H
12	WETLAND PLAN - SHEET I
12A	SUBSURFACE CLAY BARRIER CONSTRUCTION DETAIL
12B	REVEGETATION PLAN

NO.	DATE	REVISION	SHEETS
1	8/2/13	UPDATE PLAN PER HYDROLOGY	ALL
2	9/3/13	SUBSURFACE CLAY BARRIER DETAIL	12
3	11/15/13	PER REGULATORY COMMENTS	ALL

Construction Plans

for
 Grading, Drainage, and Erosion Control

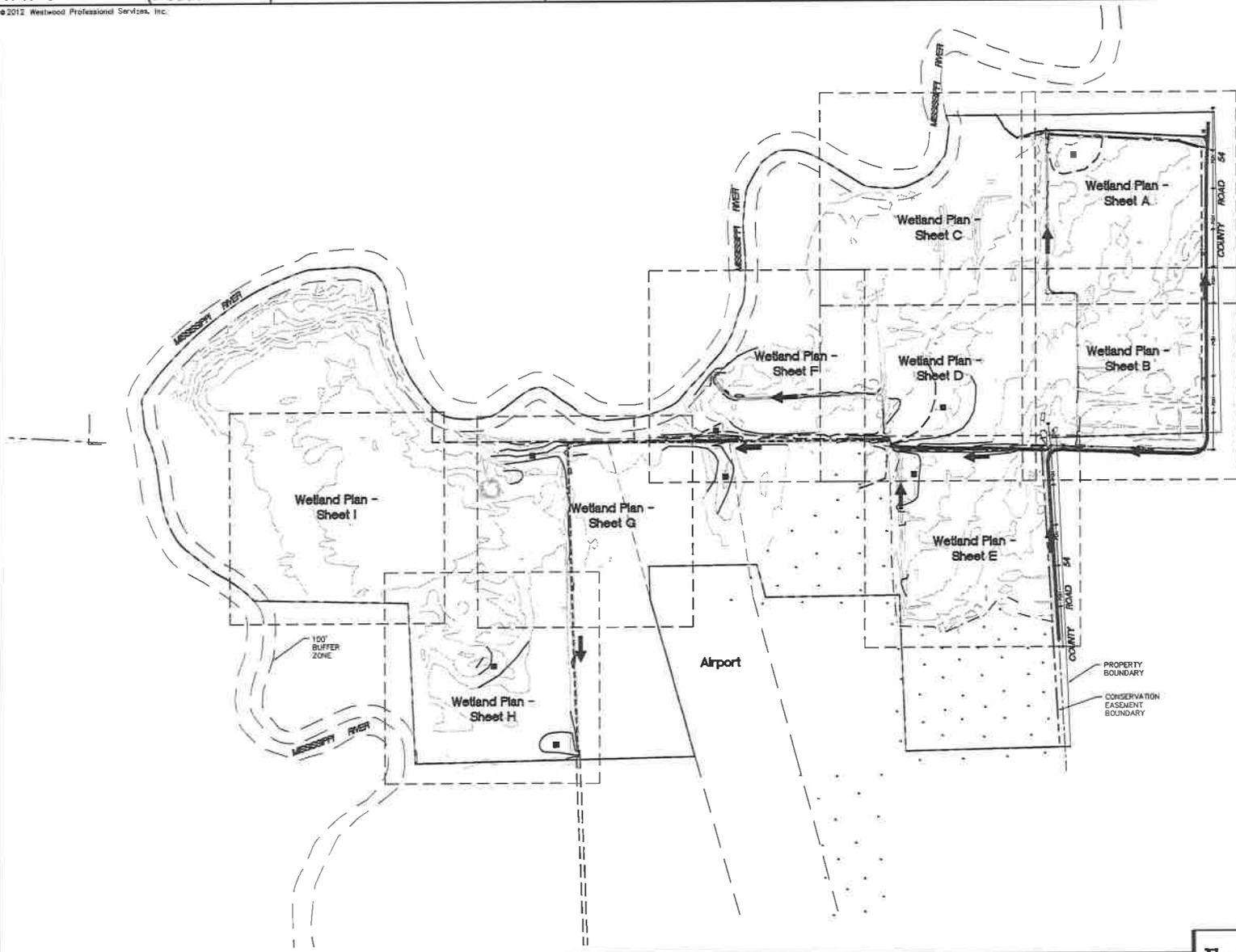
for
EverStar Wetland Bank Project
 Aitkin County, Minnesota

Date: 03/23/12 Sheet: 1 of 12

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

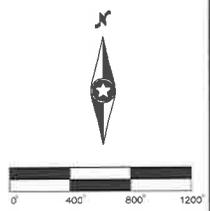
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LEGEND

- MATERIAL BORROW AREA
- ← EXISTING DITCH FLOW DIRECTION
- DENOTES COUNTY DITCH



Date 03/23/12 Sheet 2 OF 12

Westwood
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 7800 Augsburg Drive
 Lake Park, MN 55844
 PHONE: 862.877.8400
 FAX: 862.877.8282
 TOLL FREE: 1-888-874-6162
 www.westwoodps.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed professional. I will be liable under the laws of the State of Minnesota.
 A Professional Engineer/Professional Surveyor
 Eric J. Haggren
 Date 11/15/13 License No. 23833

Revisions:
 12/13 - UPDATE PLAN FOR REGULATORY COMMENTS
 11/15/13 - FOR REGULATORY COMMENTS

Checked: YEA
 Checked: YEA
 Design: CHM
 Record Drawing by Date:

Prepared for:

EverStar, LLC
 9302 Interlachen Road
 Lake Shore, Minnesota 56468

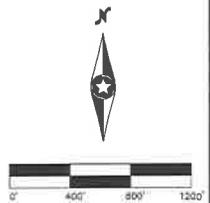
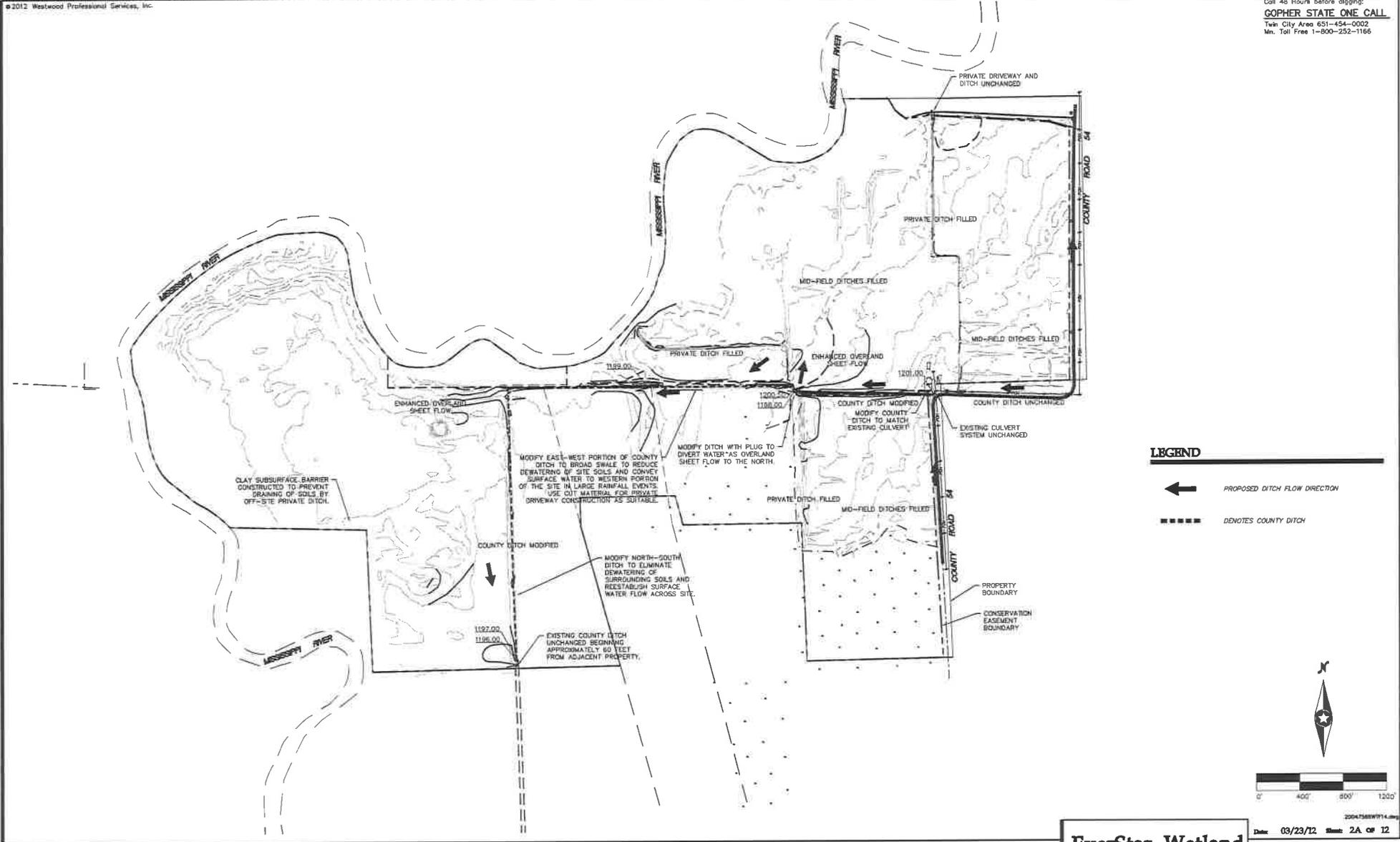
EverStar Wetland Bank Project
 Aitkin County, Minnesota

Overall Wetland Plan

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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Date: 03/23/12 Sheet: 2A of 12

EverStar Wetland Bank Project
 Atkin County, Minnesota

General Design Summary

Westwood
 Wetland Professional Services, Inc.
 1700 Argonne Drive
 Eden Prairie, MN 55424
 PHONE 952-837-6150
 FAX 952-837-8922
 TOLL FREE 1-888-837-6150
 www.westwoodpro.com

I hereby certify that this plan was prepared by an individual who is duly licensed and qualified to practice as a wetland professional under the laws of the State of Minnesota.
 A. Signature of Licensed Professional
 B. Title
 Date: 11/15/13 License No. 23838

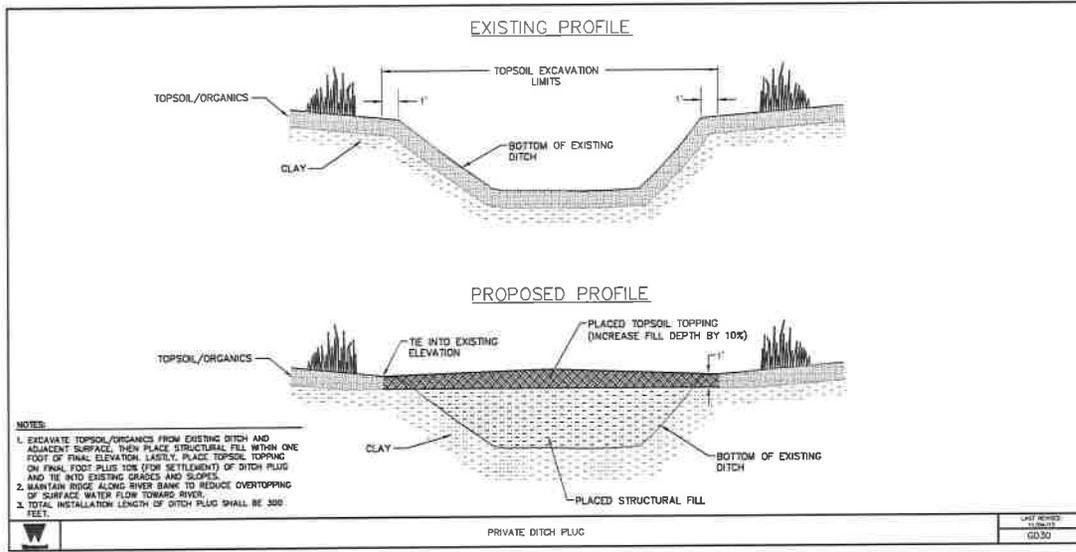
Client	DATE
Checked	MM
Drawn	DD
Field	DD
Revised	DD

Prepared for:
EverStar, LLC
 5902 Interlachen Road
 Lake Shore, Minnesota 56468

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

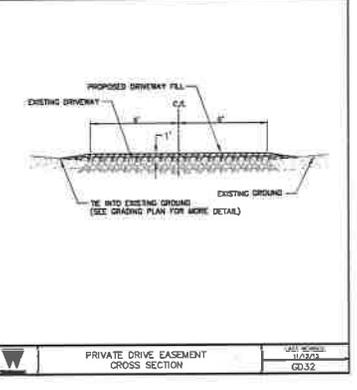
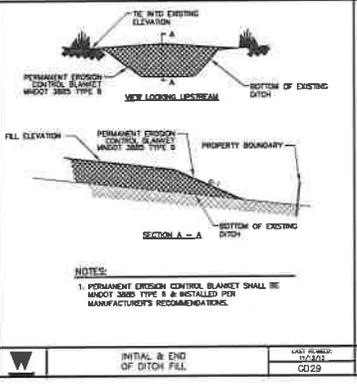
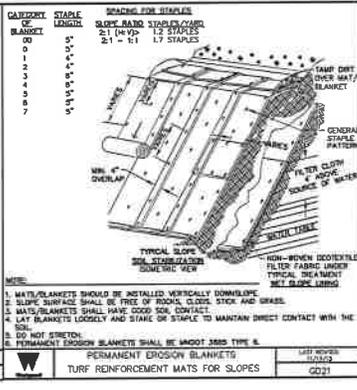
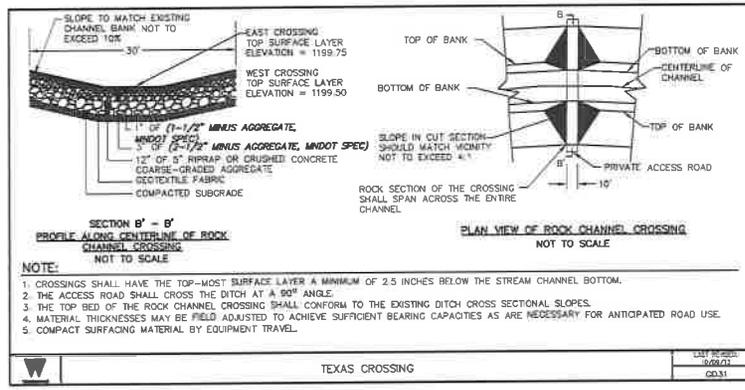
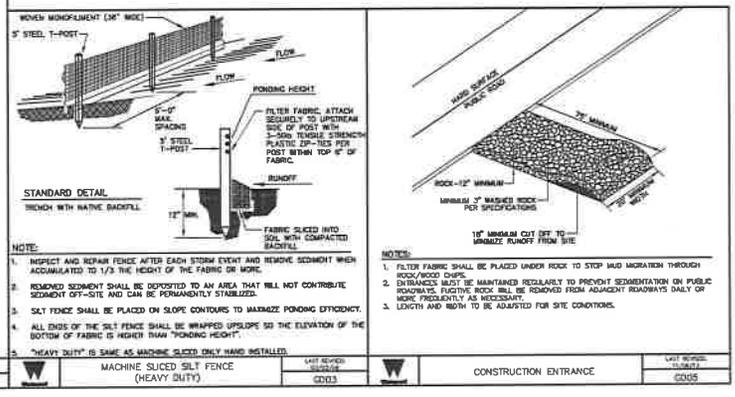
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MATERIALS & CONSTRUCTION NOTES:

- COMMON FILL MAY BE COMPOSED OF TOPSOIL OR ANY MIXTURE OF CLEAN MINERAL SOIL SUITABLE TO SUPPORT VEGETATIVE GROWTH.
- OVERALL DITCH PROFILE SHOULD BE MAINTAINED IN A LEVEL MANNER TO AVOID PONDING IN AREAS OF FILL.
- STRUCTURAL FILL FOR DITCH PLUGS SHALL BE COMPOSED OF CLAY SOILS CONTAINING LESS THAN 5% ORGANIC MATERIAL.
- FINAL DITCH FILL ELEVATIONS SHALL BE INCREASED BY 10% OF FILL HEIGHT TO ALLOW FOR SETTLEMENT, UNLESS OTHERWISE NOTED.



LAST REVISED: 03/07/12 CD30	MACHINE SLICED SILT FENCE (HEAVY DUTY)	LAST REVISED: 03/07/12 CD03	CONSTRUCTION ENTRANCE	LAST REVISED: 03/07/12 CD05
LAST REVISED: 03/07/12 CD31	PERMANENT EROSION BLANKETS	LAST REVISED: 03/07/12 CD29	PRIVATE DRIVE EASEMENT CROSS SECTION	LAST REVISED: 03/07/12 CD32



I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Date: 01/15/13 License No. 23838

Permitted: YES	Checked: YES	Design: CNU
Revised: Drawing/Date:		

Prepared for:
EverStar, LLC
 9302 Interlachen Road
 Lake Shore, Minnesota 56468

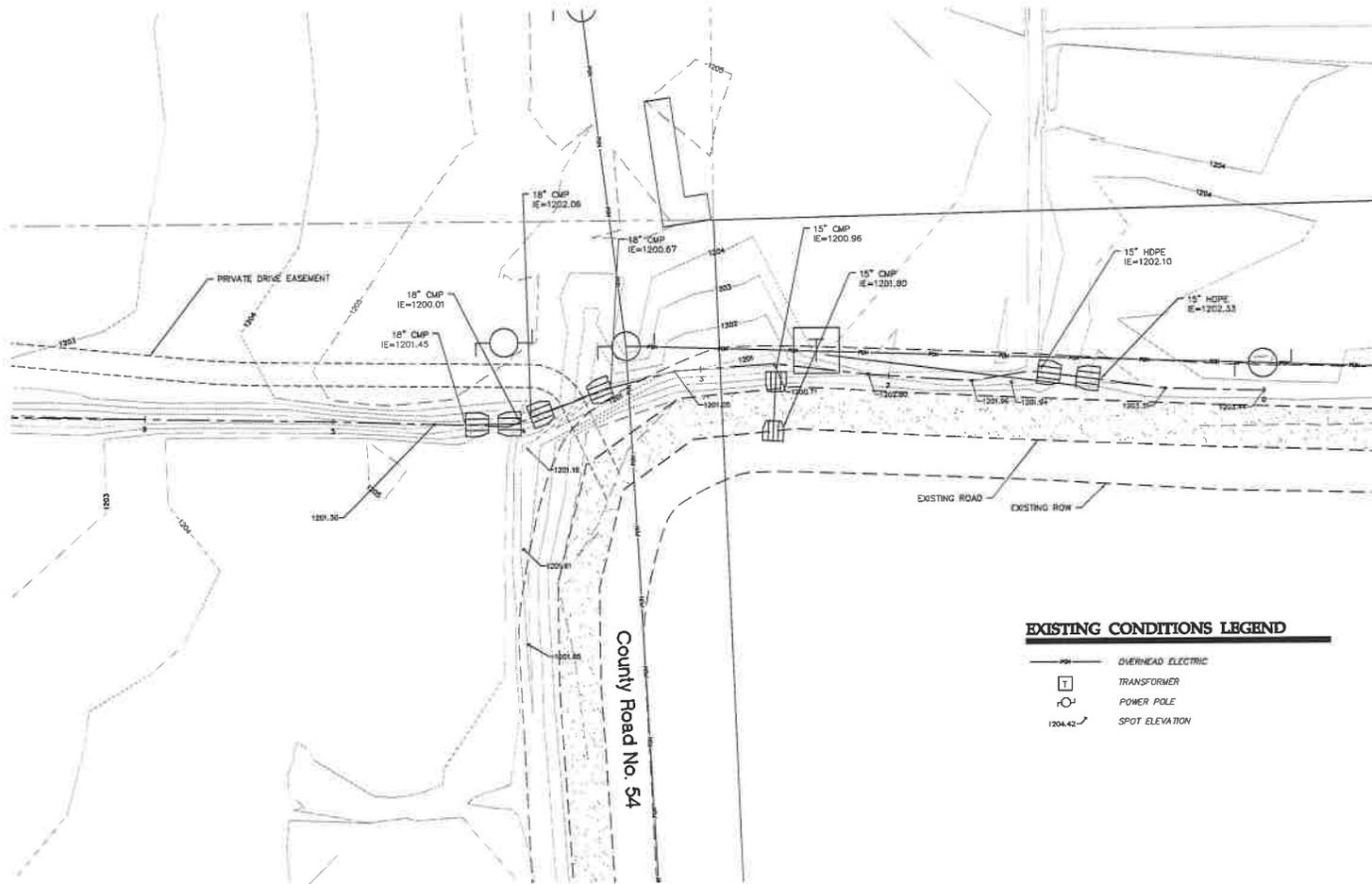


Wetland Construction Details

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

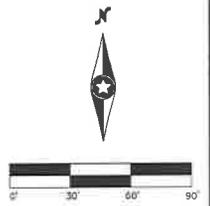
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EXISTING CONDITIONS LEGEND

- OVERHEAD ELECTRIC
- TRANSFORMER
- POWER POLE
- SPOT ELEVATION



Date: 09/23/12 Sheet: 3A OF 12

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 Eden Prairie, MN 55344
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 FAX: 952-937-4822
 TOLL FREE: 1-800-437-6149
 www.westwoodps.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
 Date: 11/15/13 License No. 23838

Author: 6/20/12 - UTILITY PLAN AND PROPOSED 11/20/13 - FOR REGULATORY COMMENTS
 Checked: []
 Drawn: []
 Board Director/Engineer: []

Prepared for:

EverStar, LLC
 9302 Interlachen Road
 Lake Shore, Minnesota 56468

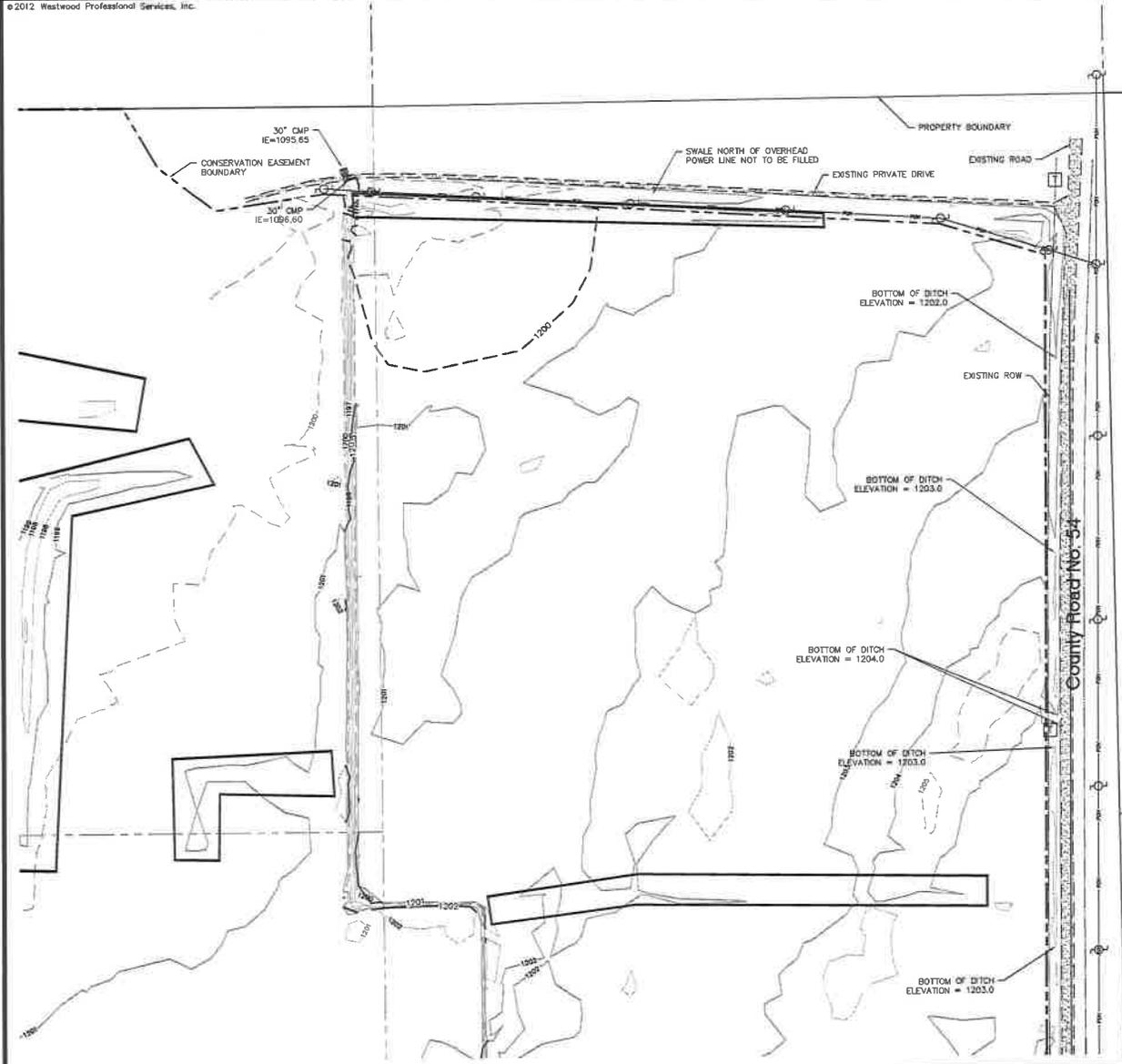
EverStar Wetland Bank Project
 Atoka County, Minnesota

County Ditch Origination Detail

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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GENERAL GRADING & CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES AND TOPOGRAPHICAL FEATURES WITH THE OWNERS AND FIELD-VISIT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- THE CONTRACTOR IS TO CONTACT GOPHER STATE "ONE-CALL" FOR UTILITY LOCATIONS.
- PRIOR TO THE CONSTRUCTION AND FILLING THE DITCHES THE CONTRACTOR SHALL REMOVE ALL EXISTING VEGETATION, ROOTS, TOPSOIL DEBRIS, PEAT, MUCK AND ANY OTHER MATERIALS HIGH IN ORGANIC-MATTER CONTENT FROM THE DITCH AREA, EXCEPT IN MID-FIELD DITCH FILL AREAS. EACH DITCH SHALL BE CONSTRUCTED WITH NATIVE MATERIALS FROM A BORROW AREA ON-SITE AS DESIGNATED BY THE ENGINEER. ALL BORROW AREAS SHALL BE APPROVED BY THE ENGINEER.
- THE DITCH FILL SHALL BE CONSTRUCTED IN ACCORDANCE WITH MNDOT SPECIFICATION 2105 AND SHALL BE COMPACTED MEETING THE QUALITY COMPACTION METHOD.
- FINAL DITCH FILL ELEVATIONS SHALL BE INCREASED BY 10% OF FILL HEIGHT TO ALLOW FOR SETTLEMENT, UNLESS OTHERWISE NOTED.
- REFER TO THE WETLAND BANKING PLAN APPLICATION FOR SPECIFICS REGARDING SEEDING AND VEGETATION ESTABLISHING OF WETLAND AND UPLAND CREDIT AREAS. SEEDING SHALL BE IN ACCORDANCE WITH MNDOT SPECIFICATION 2575 "CONTROLLING EROSION AND ESTABLISHING VEGETATION".
- ALL EXPOSED SOILS WITHIN THE DITCHES SHALL BE STABILIZED WITHIN 24 HOURS OF GRADING COMPLETION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF EROSION CONTROL MEASURES UNTIL FINAL STABILIZATION HAS BEEN ESTABLISHED AND APPROVED BY THE OWNER.
- CONTRACTOR SHALL INSPECT DITCHES TO LOCATE ANY POTENTIAL FIELD TILE OUTLETS. ANY DRAINILE NETWORKS WILL NEED TO BE DISMANTLED. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF THE EXISTENCE OF ANY DRAINILE OUTLETS.
- MID-FIELD DITCH FILL SHALL BE PLACED AND GRADED IN A MANNER TO ELIMINATE PREPREFERENTIAL FLOW AND RE-ESTABLISH OVERLAND SHEET FLOW IN THE IMMEDIATE AREA WITHOUT CAUSING LOCALIZED PONDING. BORROW FOR THESE FILLS SHALL BE TAKEN FROM A SUFFICIENTLY WIDE AREA TO PREVENT CREATION OF A NEW, BROAD SURFACE WATER DRAINAGE SWALE IN PLACE OF THE MID-FIELD DITCH. FILL MATERIALS SHALL BE CONTOURED TO CREATE LOW RIDGES ALONG THE FLOW PATH OF THE DITCH TO FURTHER ENSURE PREPREFERENTIAL DRAINAGE IS ELIMINATED.
- MID-FIELD DITCH FILL SHALL EXCLUDE WOODED AREAS; STANDING TREES SHALL NOT BE CUT TO FACILITATE FILLING.
- CONTRACTOR SHALL FIELD VERIFY EROSION CONTROL BMPs AND IMPLEMENT AS NEEDED.

UTILITIES

- 1) THE LOCATION OF EXISTING UNDERGROUND UTILITIES THAT ARE SHOWN, ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS NOT GUARANTEED THAT ANY OR ALL EXISTING UTILITIES ARE SHOWN.
- 2) THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 3) THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY LEVEL D. THIS QUALITY WAS DETERMINED ACCORDING TO THE GUIDELINES OF OJASSE 98-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

LEGEND

- MID-FIELD DITCH FILL AREA
- OVERHEAD ELECTRIC
- TRANSFORMER
- POWER POLE



Date: 03/23/12 Sheet: 4 OF 12



Westwood Professional Services, Inc.
 7895 Augsburg Drive
 Eden Prairie, MN 55344
 PHONE: 952-837-8100
 FAX: 952-837-8822
 TOLL FREE: 1-800-837-6100

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.
 A Professional Engineer Seal No. 11/15/13 License No. 28838

Revisions:
 03/21 - UPDATE PLAN FOR PERMITS
 11/25/12 - FOR REGULATORY COMMENTS

Engineer: **YES**
 Check: **YES**
 Design: **CHS**
 Special: **Charles, Kristine**

Prepared for:

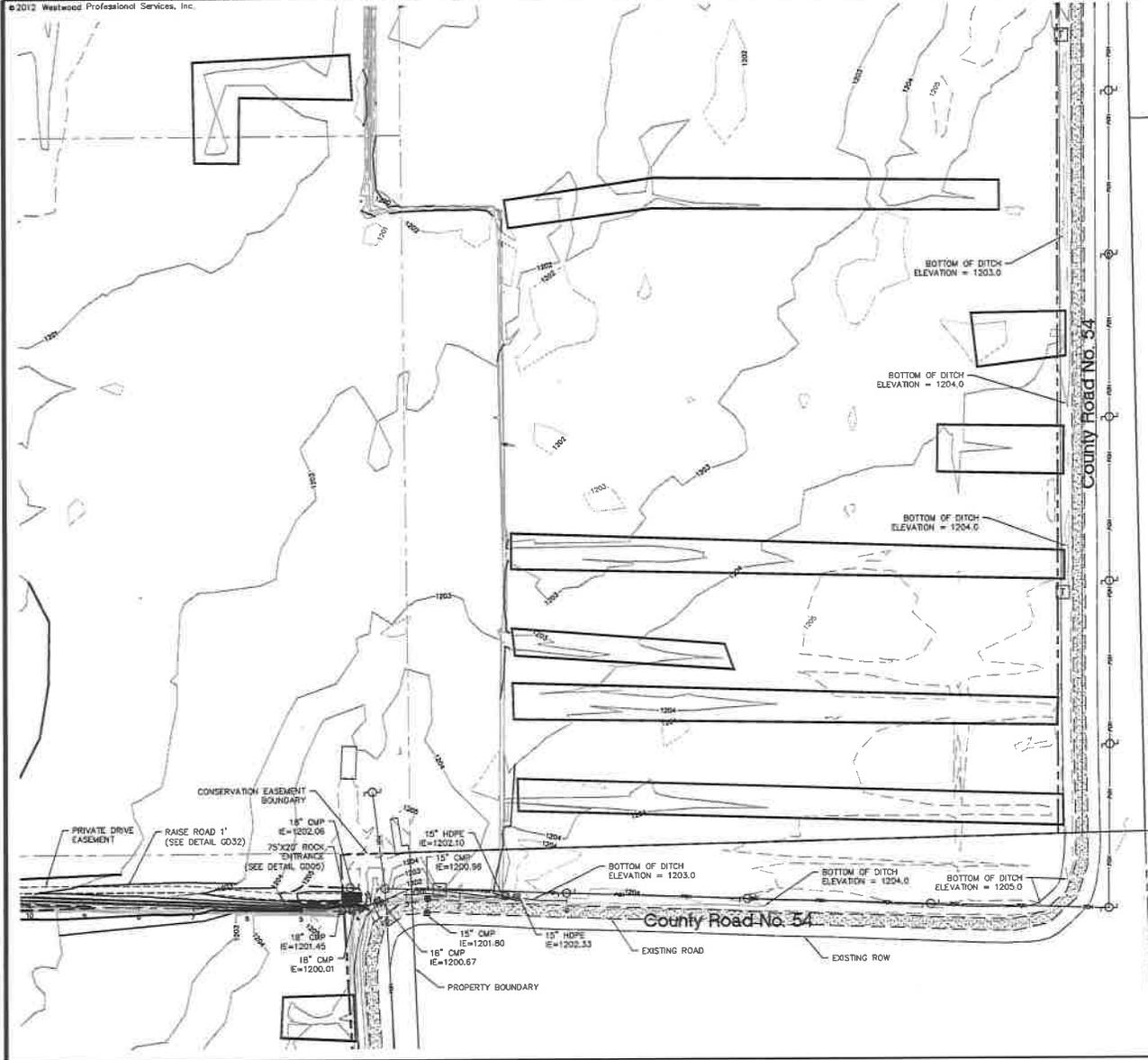
EverStar, LLC
 9302 Interlachen Road
 Lake Shore, Minnesota 56468

EverStar Wetland Bank Project
 Alitka County, Minnesota

Wetland Plan - Sheet A

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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GENERAL GRADING & CONSTRUCTION NOTES:

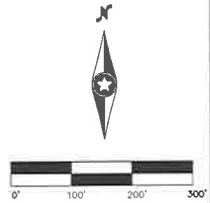
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LEGEND

- MID-FIELD DITCH FILL AREA
- OVERHEAD ELECTRIC
- TRANSFORMER
- POWER POLE



Date 03/23/12 Sheet 5 OF 12

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 Westwood Professional Services, Inc.
 2889 Annapolis Drive
 Eden Prairie, MN 55424
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 FAX: 952-937-5452
 TOLL FREE: 1-888-437-6193
 www.westwoodps.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER in the State of Minnesota.
 Date: 11/15/12 License No. 23038

Author:	Checked:	Drawn:	Revised:
DATE: 03/23/12	DATE: 03/23/12	DATE: 03/23/12	DATE: 03/23/12
Scale: AS SHOWN	Scale: AS SHOWN	Scale: AS SHOWN	Scale: AS SHOWN

Prepared for:
 EverStar, LLC
 9002 Interlachen Road
 Lake Shore, Minnesota 56468

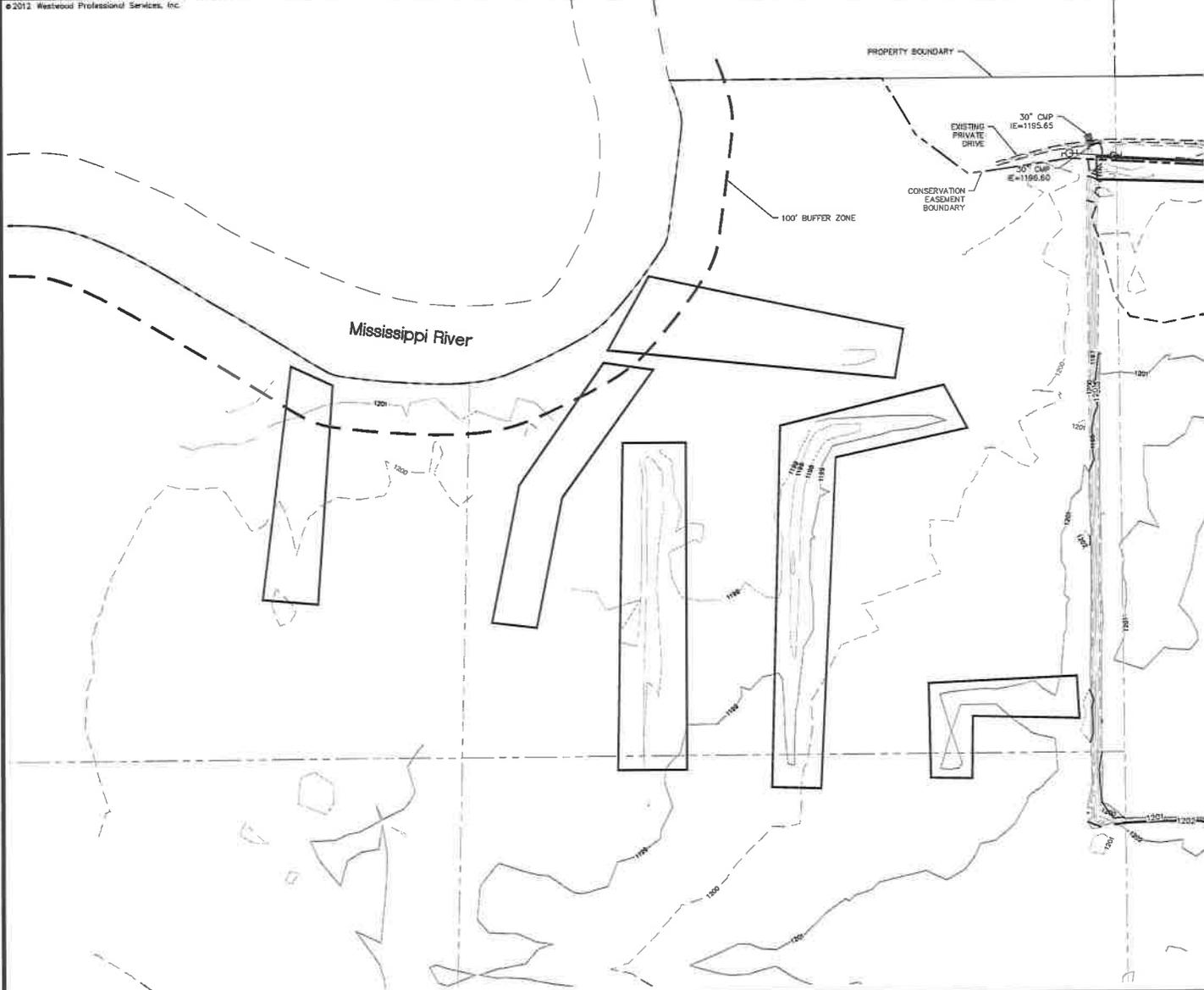
EverStar Wetland Bank Project
 Atkin County, Minnesota

Wetland Plan - Sheet B

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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GENERAL GRADING & CONSTRUCTION NOTES:

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LEGEND

- MID-FIELD DITCH FILL AREA
- OVERHEAD ELECTRIC
- POWER POLE



Date: 03/23/12 Sheet: 6 OF 12



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 1400 Augsburg Drive
 Eden Prairie, MN 55344
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 FAX: 952-937-6622
 TOLL FREE: 1-888-627-6100
 www.westwood.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.
 K.C. J. Bosman
 Date: 11/15/13 License No. 23838

Revisions:	Checked:	YTB
03/21 - DRAFT PLAN FOR PERMITS	Checked:	YTB
11/15/13 - FOR REGULATORY COMMENTS	Drawn:	CHSL
	Revised/Checked/Verified:	

Prepared for:

EverStar, LLC
 9302 Interlachen Road
 Lake Shore, Minnesota 56469

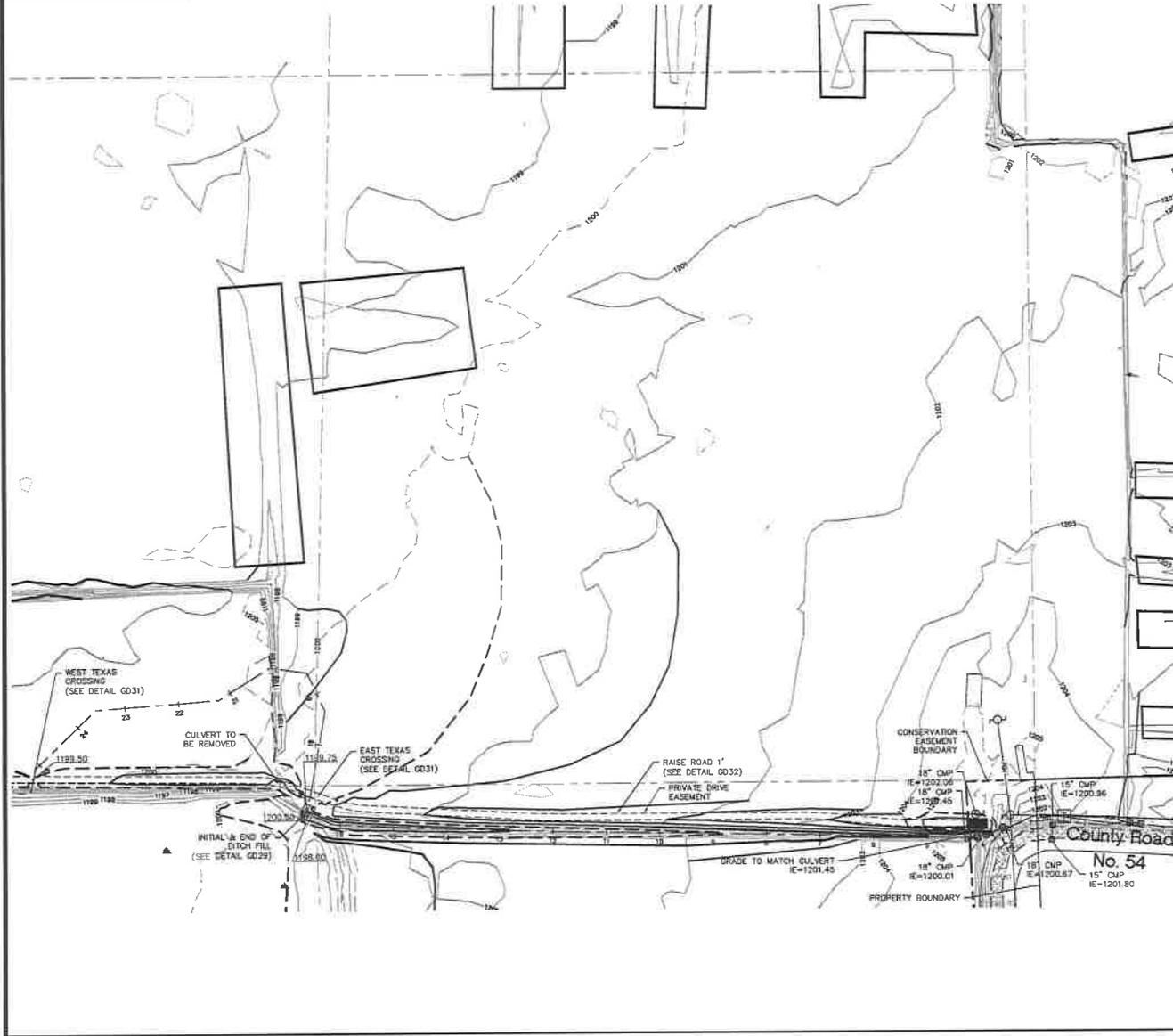
EverStar Wetland Bank Project
 Atoka County, Minnesota

Wetland Plan - Sheet C

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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GENERAL GRADING & CONSTRUCTION NOTES:

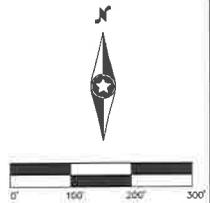
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LEGEND

- MID-FIELD DITCH FILL AREA
- OVERHEAD ELECTRIC
- TRANSFORMER
- POWER POLE



30047500W1107.dwg
 Date: 03/23/12 Sheet: 7 OF 12

Westwood
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 FAX: 952-897-6422
 TOLL FREE: 1-800-437-6119
 www.westwood.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Date: 11/26/13 License No.: 23838

Author: J. J. HANSEN
 Title: PROJECT MANAGER
 Date: 11/26/13 License No.: 23838

Checked: TTR
 Drawn: CHC
 Panel Number: 141416

Prepared for:

EverStar, LLC
 3902 Interlachen Road
 Lake Shore, Minnesota 56468

EverStar Wetland Bank Project
 Atkinson County, Minnesota

Wetland Plan - Sheet D

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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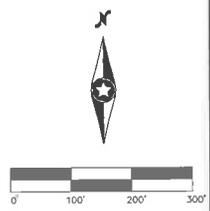
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LEGEND

- MID-FIELD DITCH FILL AREA
- OVERHEAD ELECTRIC TRANSFORMER
- POWER POLE
- EASEMENT LINE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION



Date: 03/23/12 Sheet: 8 OF 12



I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER within the State of Minnesota.
 Date: 11/15/13 License No. 23838

Checked:	YES
Checked:	YES
Drawn:	CWG
Revised:	DATE: 11/15/13

Prepared for:

EverStar, LLC
 8002 Interlachen Road
 Lake Shore, Minnesota 56468

EverStar Wetland Bank Project
 Aitkin County, Minnesota

Wetland Plan - Sheet E

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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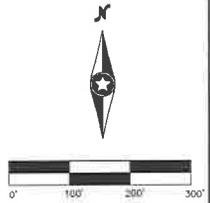
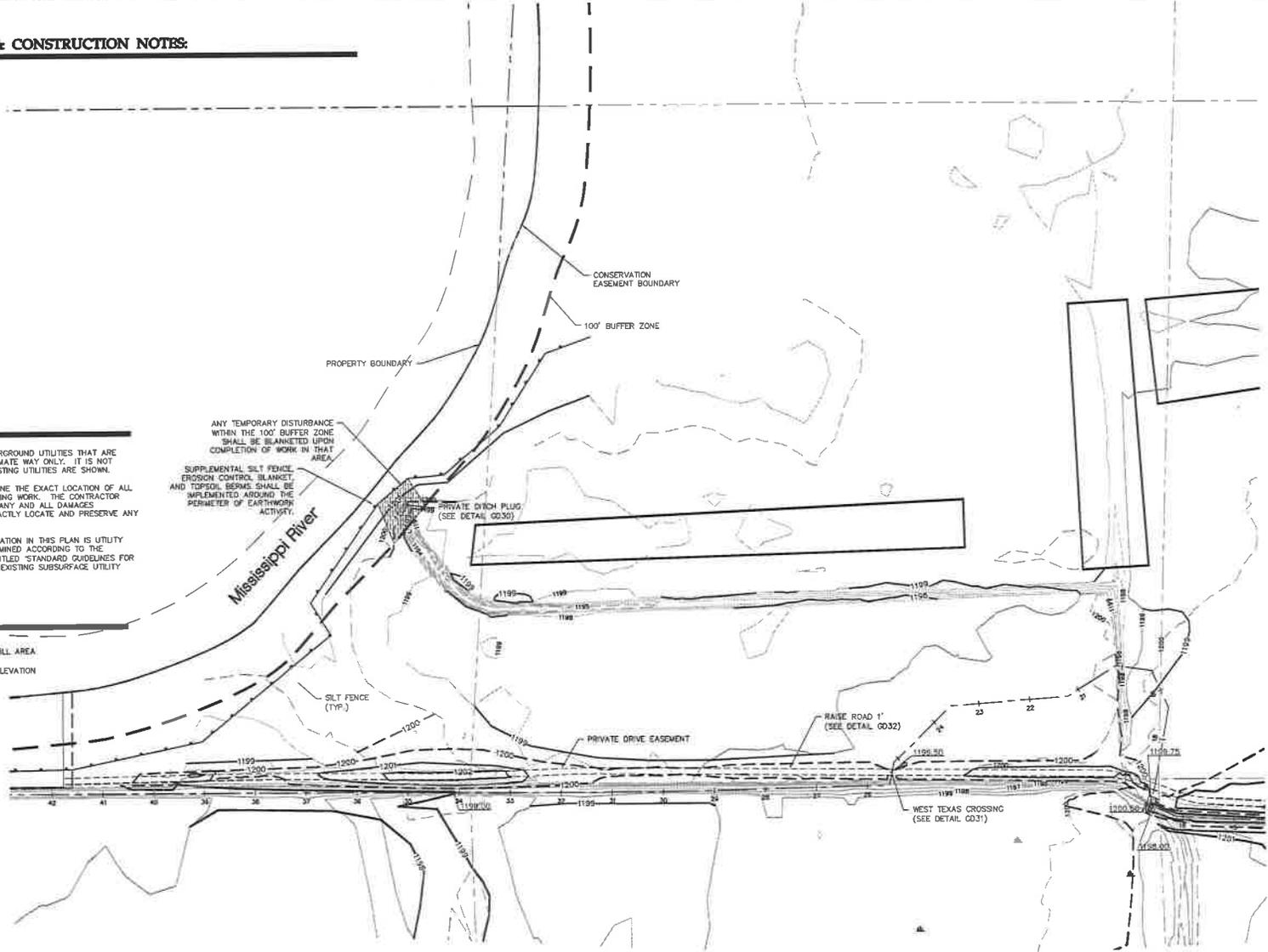
GENERAL GRADING & CONSTRUCTION NOTES:

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LEGEND

-  MID-FIELD DITCH FILL AREA
-  PROPOSED SPOT ELEVATION



Date 03/23/12 Sheet 9 OF 12



I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed professional engineer within the State of Minnesota.
 A Professional Engineer License No. 23838
 Date 11/15/13 License No. 23838

Author	DATE	YTD
DESIGN - GREAT PLAN PER HYDROLOGY		
1/25/13 - PER REGULATORY COMMENTS		
Checked	YTD	
Drawn	CNS	
Scale	As Shown	

Prepared for:

EverStar, LLC
 9002 Interlachen Road
 Lake Shore, Minnesota 56466

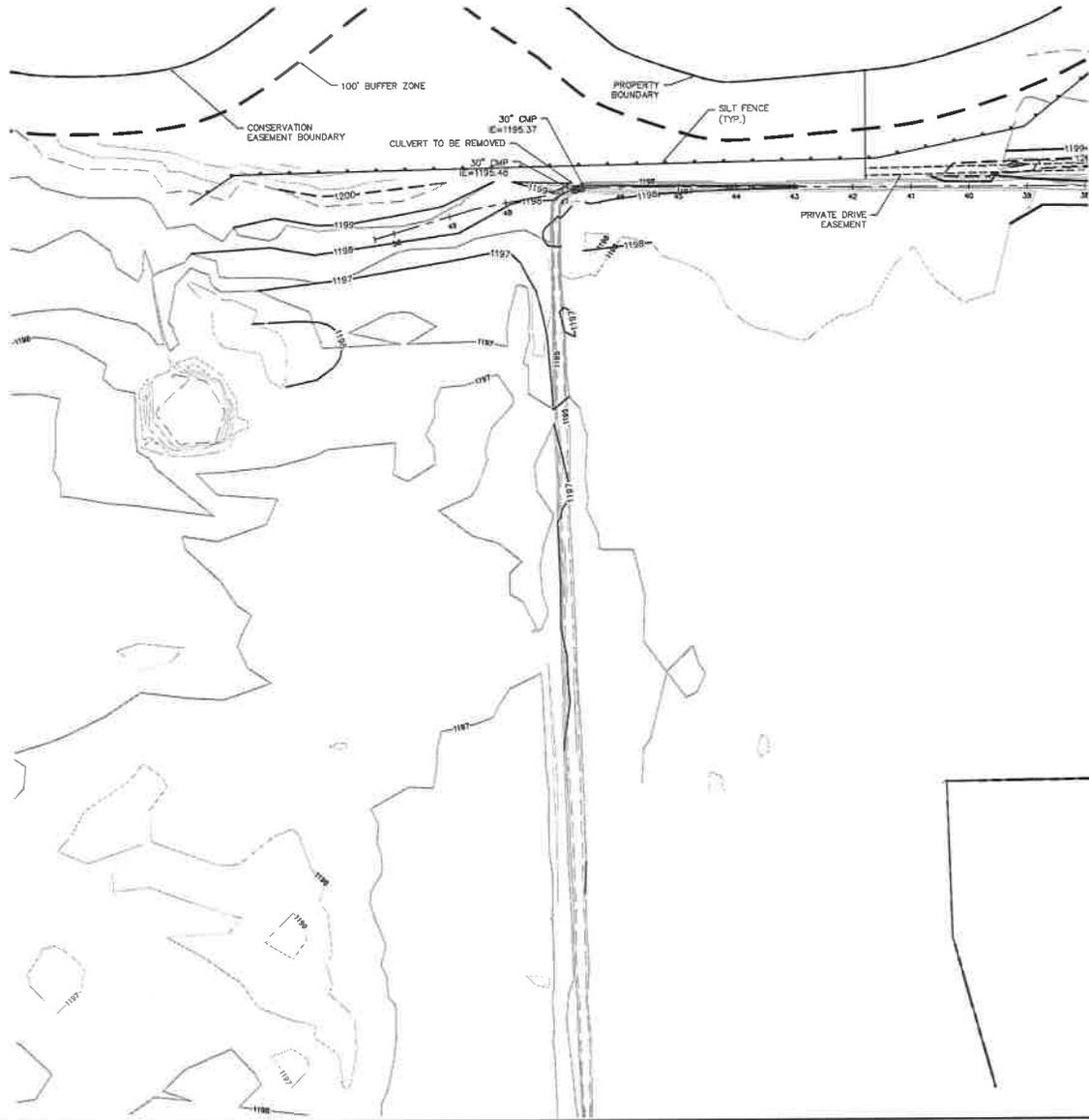
EverStar Wetland Bank Project
 Atkin County, Minnesota

Wetland Plan - Sheet F

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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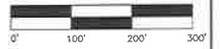
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LEGEND

--- EASEMENT LINE



300475600WT10.dwg
 Date 03/23/12 Sheet 10 of 12

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 7884 Annapolis Drive
 Eden Prairie, MN 55344
 PHONE: 952-937-5450
 FAX: 952-937-5622
 TOLL-FREE: 1-888-691-6433
 www.westwoodps.com

I hereby certify that the plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer within the State of Minnesota.
 Professional Engineer/Minnesota Dept
 License # 11/15/13 License No. 230138
 Date: 11/15/13

Author: _____
 6/2/12 - UPDATE PLAN FOR HYDROLOGY
 1/25/13 - PER REGULATORY COMMENTS

Checked: TTP
 Checked: STB
 Drawn: CMPL
 Revis: Doretha.bv@eas

Prepared for:

EverStar, LLC
 9002 Interlachen Road
 Lake Shore, Minnesota 56468

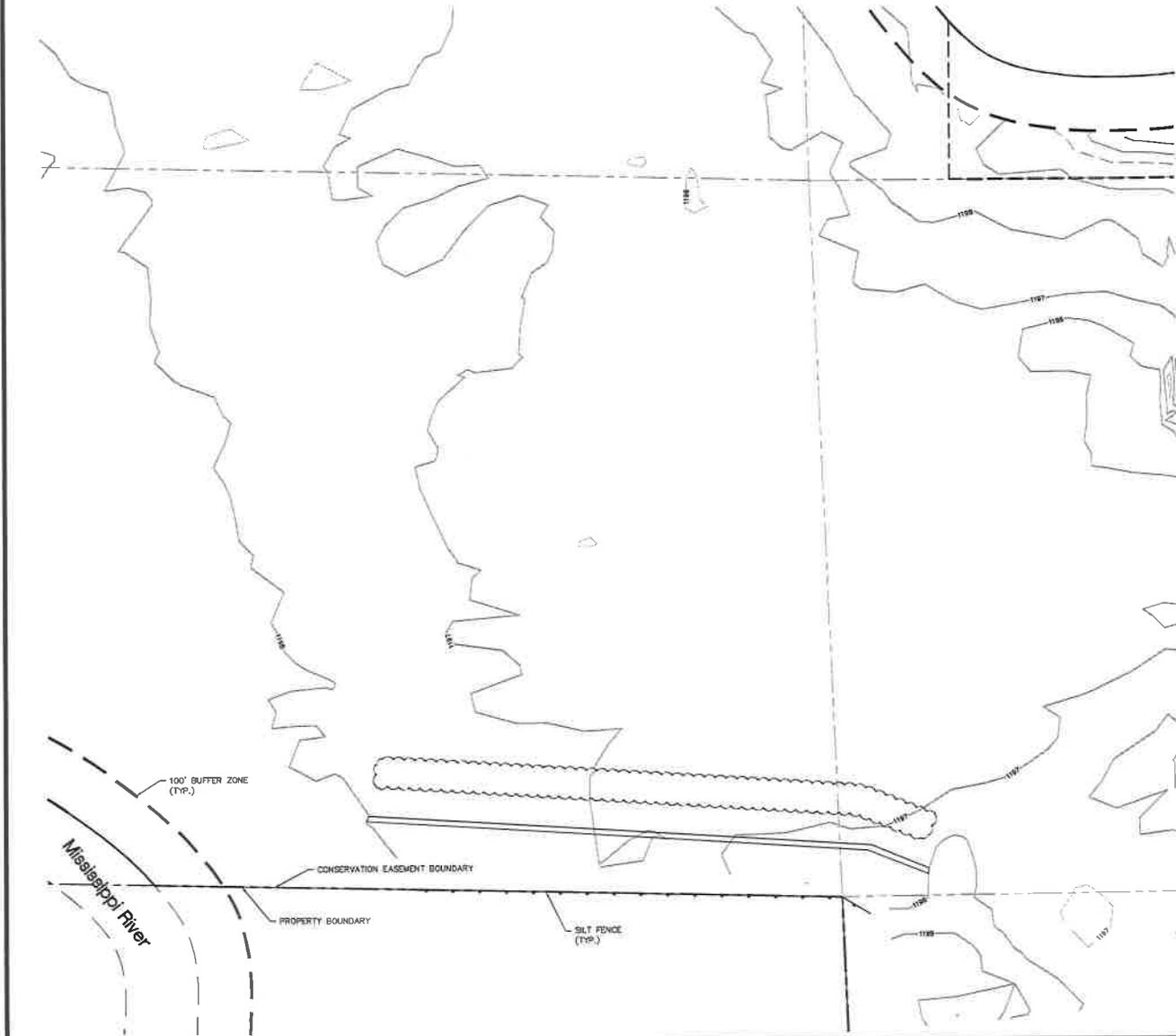
EverStar Wetland Bank Project
 Aitkin County, Minnesota

Wetland Plan - Sheet G

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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GENERAL GRADING & CONSTRUCTION NOTES:

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LEGEND

- LOCATION OF CLAY TO BE EXCAVATED FOR SUBSURFACE CLAY BARRIER
- LOCATION OF SUBSURFACE CLAY BARRIER (10' WIDE)
- EASEMENT LINE



200475669712.dwg
 Date 03/23/12 Sheet 12 OF 12

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 Westwood Professional Services, Inc.
 7380 Augsburg Drive
 Eden Prairie, MN 55344
 PHONE 952-937-9100
 FAX 952-937-6522
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I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER within the State of Minnesota.
 A. J. Berman
 Date 11/15/13 License No. 22838

Revised:	11/15/13	Drawn:	TTT
11/15/13 - DESIGN PLAN FOR SUBSURFACE		Checked:	TTT
11/15/13 - SUBSURFACE CLAY BARRIER DESIGN		Design:	CHW
11/15/13 - FOR REGULATION SUBMITTAL		Scale/Oversee/Inch:	

Prepared for:

EverStar, LLC
 9802 Interlachen Road
 Lake Shore, Minnesota 56468

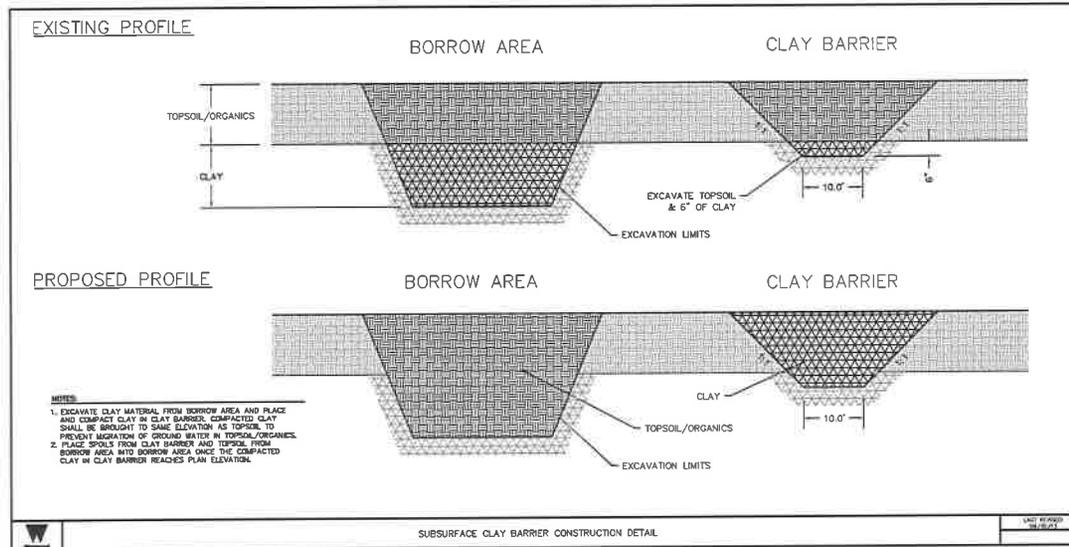
EverStar Wetland Bank Project
 Aitkin County, Minnesota

Wetland Plan - Sheet I

ATTACHMENT 2 (Petition for Impoundment/Partial Abandonment)

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 Eden Prairie, MN 55344
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 TOLL FREE 1-800-437-6110
 www.westwoodpro.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Professional Engineer License No. _____
 Date: 03/23/12 License No. 23838

Revisions:
 03/23 - SUBSURFACE CLAY BARRIER DETAIL

Drawn: _____
 Checked: _____
 Date: _____
 Revised: _____

Prepared for:

EverStar, LLC
 5002 Interlachen Road
 Lake Shore, Minnesota 56468

EverStar Wetland Bank Project
 Aitkin County, Minnesota

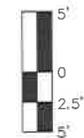
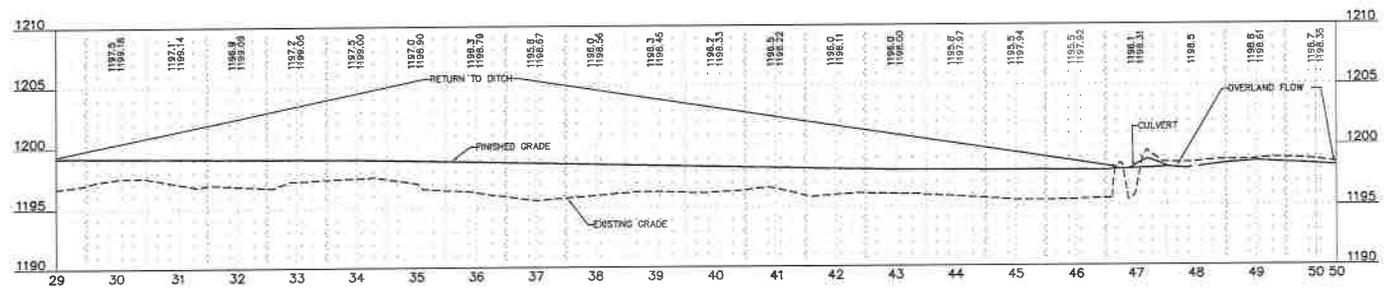
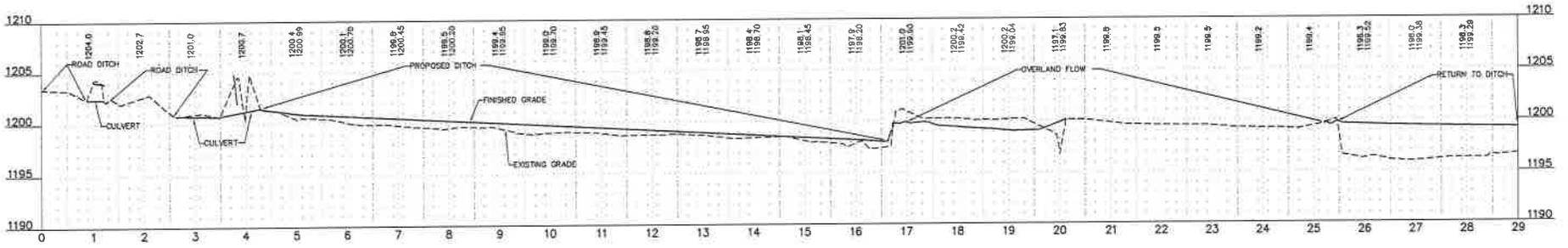
Date: 03/23/12 Sheet: 12A OF 12

Subsurface Clay Barrier Construction Detail

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Date: 03/23/12 Sheet: 12B of 12



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DATE: 11/15/13 License No. 23838

Author:	
Checker:	
Engineer:	
Special Services Section:	

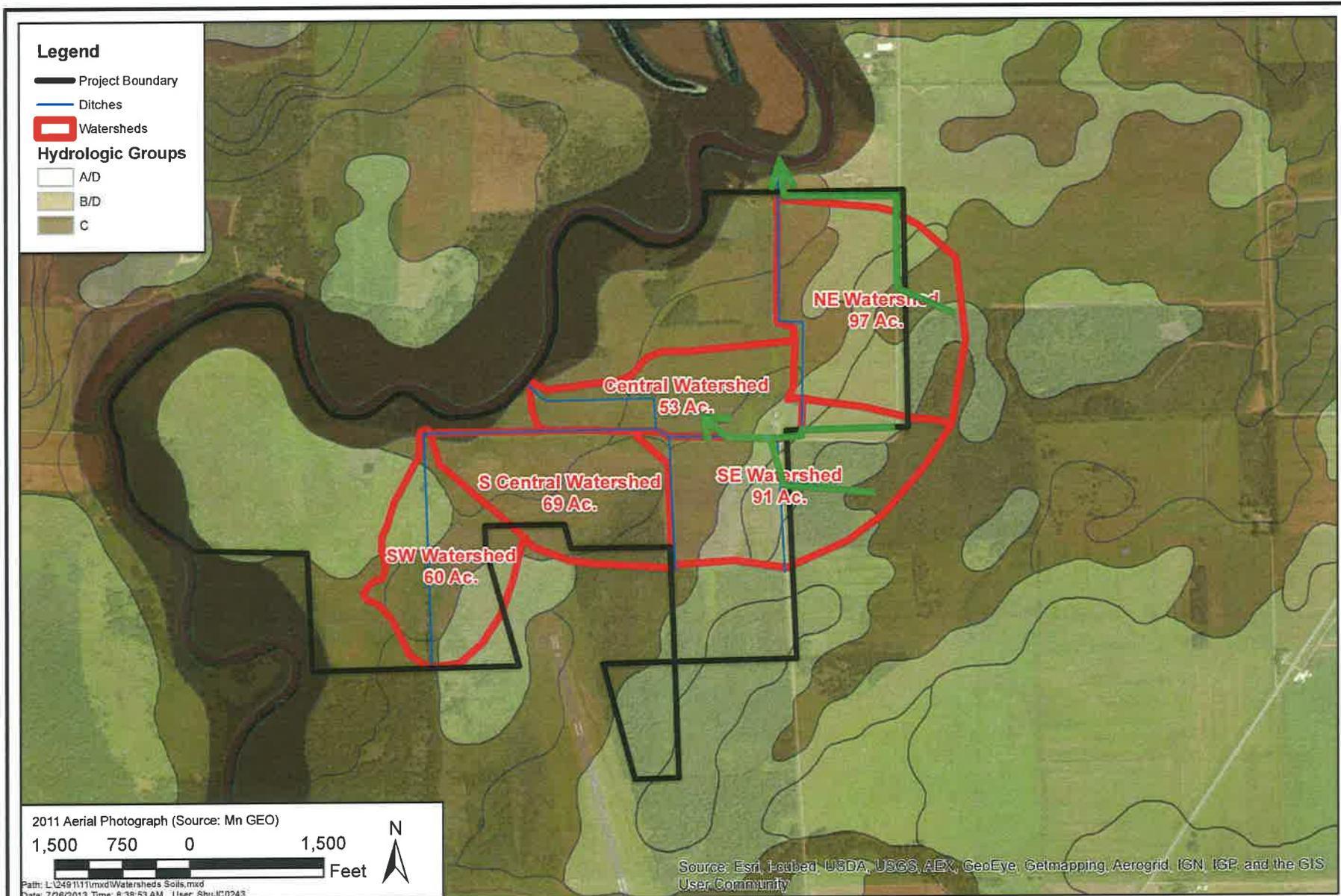
Project:	118
Checked:	101
Drawn:	20
Special Services Section:	

Prepared for:

EverStar, LLC
 5002 Interlachen Road
 Lake Shore, Minnesota 56469

EverStar Wetland Bank Project
 Aitkin County, Minnesota

Ditch Profile



EVERSTAR WETLAND BANK

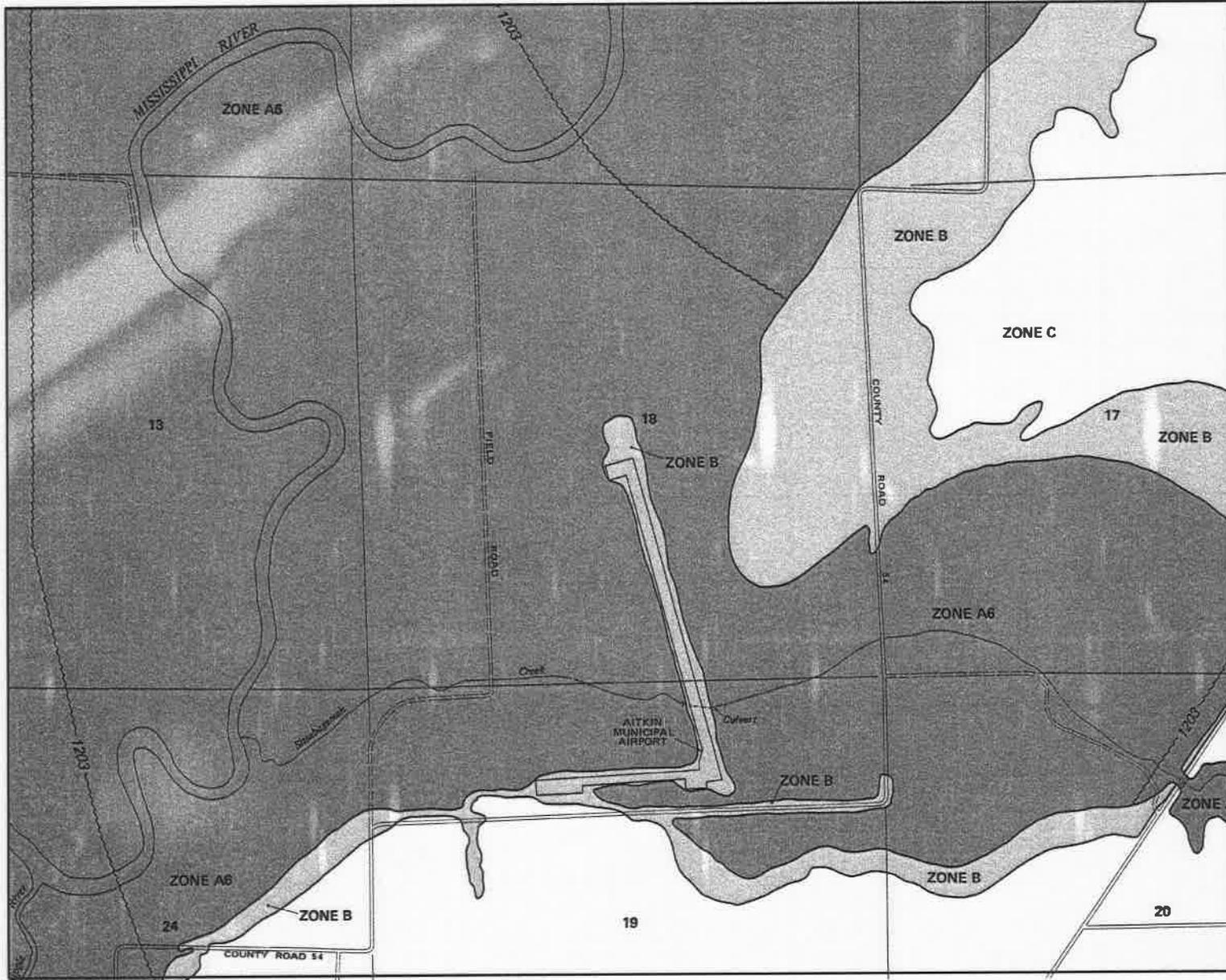
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JULY 2013

Figure 1




 APPROXIMATE SCALE
 1000 0 1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COUNTY OF
AITKIN,
MINNESOTA
(UNINCORPORATED AREAS)

PANEL 245 OF 500
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
270020 0245 B

EFFECTIVE DATE:
MARCH 13, 1982


 Federal emergency management agency
 Federal Insurance Administration

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map State at www.msc.fema.gov