

Information for File #2012-02998-DAS

Applicant Nick Gebhart (NGC, LLC)

Corps Contact David Studenski
Address 1114 South Oak Street, La Crescent, MN 55947
E-Mail david.a.studenski@usace.army.mil
Phone (651) 290-5902

Primary County Jackson

Section SW ¼ of the NE ¼, Sec. 33

Township 20 North

Range 1 East

Information Complete On March 24, 2014

Posting Expires On May 4, 2014

Authorization Type LOP-06-WI

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.

Project Description and Purpose (As stated by the applicant):

The applicant has proposed the expansion of an existing cranberry marsh. Four existing beds would be extended to the east approximately 400 feet in length. The expansion would provide an additional 4.319 acres of bed area. Topsoil would be scraped from the area of the expansion to create the berms between the beds. Sand would be brought in to bring the grade up to bed elevation.

The expanded beds would continue to utilize water from an existing on-site reservoir. Water would be pumped from the reservoir through the west ditch and into the beds for flooding and irrigation. An existing drainage ditch for the beds to the north would be extended to the south along the east perimeter of the beds proposed for expansion. Drainage from the beds would flow to the extended ditch along the east end of the beds and drain back to the reservoir.

The expansion is proposed to increase the efficiency of the bed by simplifying maintenance, chemical application, and harvest. Extending the drainage ditch along the east perimeter of the proposed beds would address potential vine and crop loss associated with the applicant's current inability to drain beds which do not need to be maintained in a flooded condition by allowing drainage of each bed individually.

Aquatic Resource Impacts (As stated by the applicant):

A total of 0.85 acres of fresh (wet) meadow wetland adjacent to Beaver Creek would be converted to cranberry bed, and berm and drainage ditch construction as a result of the proposed project. The wetland is in the Castle Rock watershed of the Upper Mississippi Region.

Alternatives Considered (As stated by the applicant):

They do not own, and has not sold, additional lands that would be suitable for bed expansion. Adjacent land to the east is not available for purchase and would also result in wetland impact. Alternative sites would result in additional travel expenses.

Extending the drainage ditch to the south would result in 0.145 acres of wetland impact, but would not address harvest and maintenance inefficiencies of the existing beds.

Extending the existing beds approximately 700 feet to be in alignment with the beds to the north would result in 2.289 acres of wetland impact. The applicant originally proposed this as the preferred alternative but amended the application to permit the project described above.

Embankments associated with the proposed project would have 2:1 side slopes to minimize wetland impacts.

Compensatory Mitigation:

The applicant has proposed the purchase of 1.02 credits from the Northland Wetland Mitigation Bank. The bank is located in Sec. 1, T. 23N, R. 5E, Wood County, Wisconsin. The bank site is also in the Castle Rock watershed of the Upper Mississippi Region.

Drawings See attached.

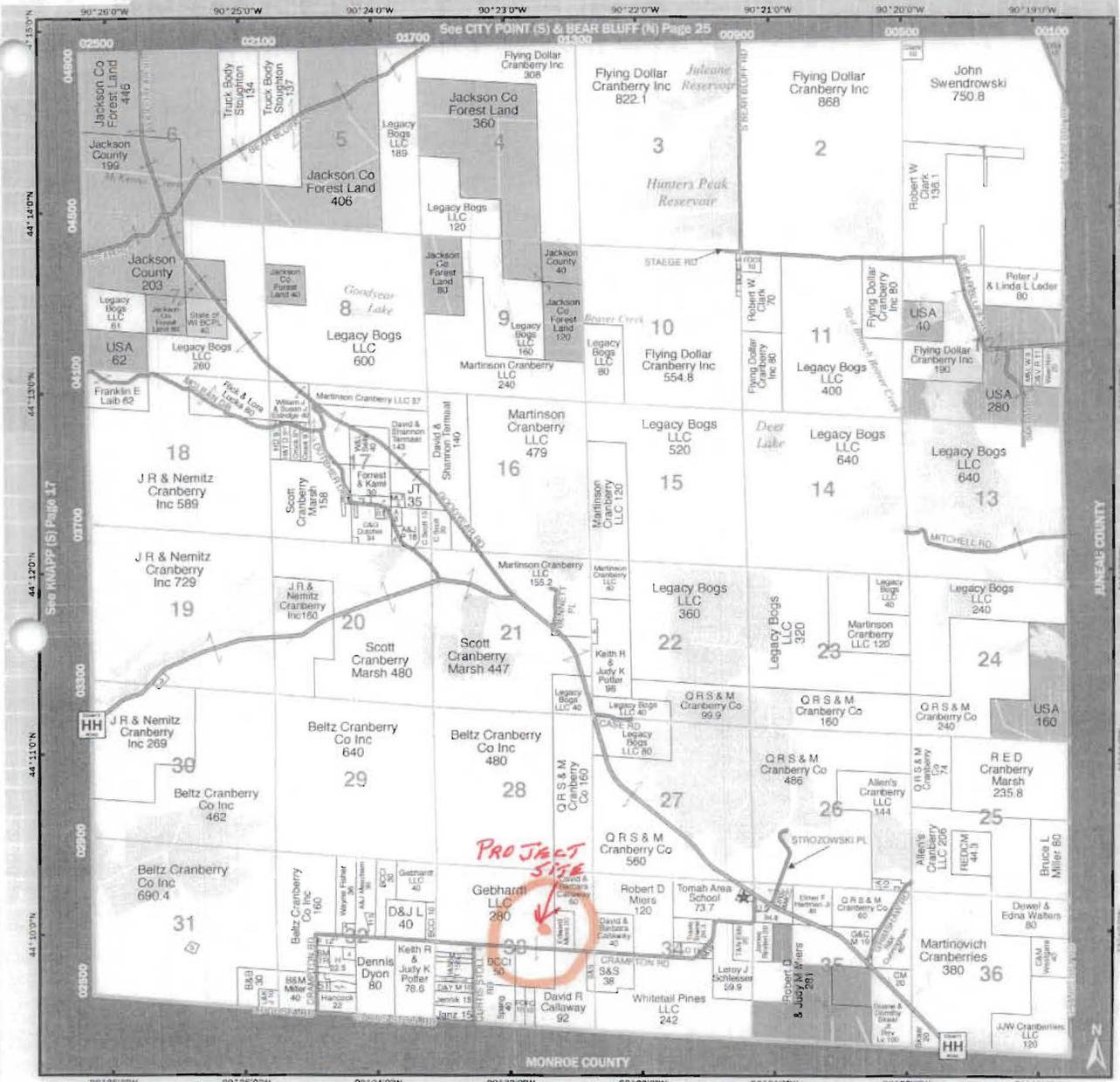


Bear Bluff (S)

T.20N. - R.1E.



© 2008 Jackson County 4 H



SIGHT & SOUND ELECTRONICS
 10 S. Roosevelt Rd.
 Black River Falls, WI 54615
 1-715-284-5105

Tues-Fri 9-5:30 • Sat 9-4 • Sun & Mon Closed

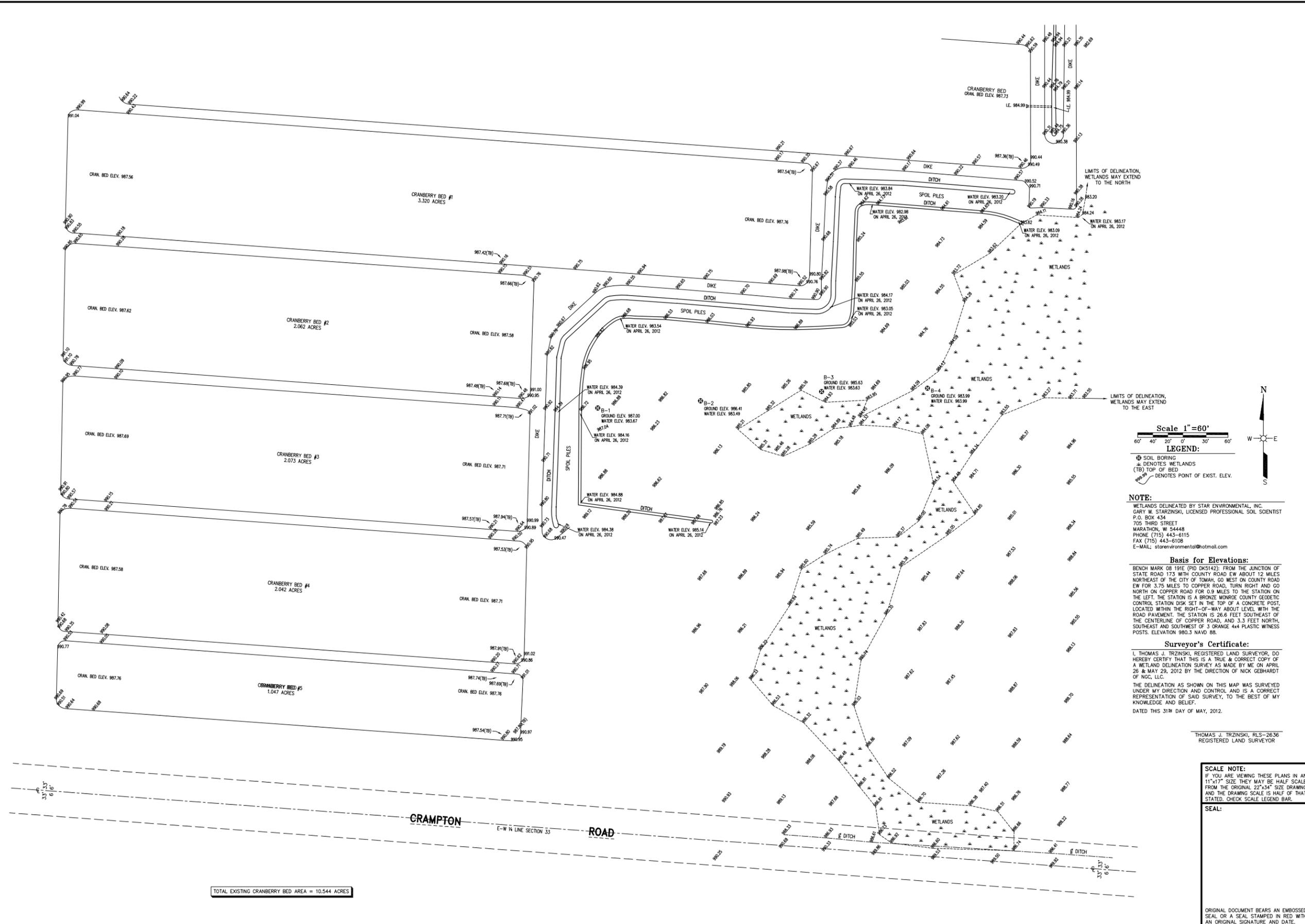
U.S. Cellular
 AUTHORIZED AGENT

Trained, knowledgeable staff
 Fast, friendly customer service
 Convenient, hometown location

Nick GEBHARDT



J:\P.P. - Jun 02, 2013, 09:39:48, CADD FILE: 9636-F-1-Dwg



TOTAL EXISTING CRANBERRY BED AREA = 10.544 ACRES

| REVISIONS | | |
|-----------|------|-------------|
| BY | DATE | DESCRIPTION |
| | | |
| | | |
| | | |
| | | |

ESP GROUP, INC.
LAMPERT-LEE & ASSOCIATES
 ENGINEERS • SURVEYORS • PLANNERS

10968 State Hwy. 54 East • Wisconsin Rapids, WI 54494-8718
 715-424-3131 or 715-344-0088 • FAX 715-423-8774
 COPYRIGHT © 2013 BY ESP GROUP, INC. ALL RIGHTS RESERVED. DUPLICATION BY WRITER PERMISSION ONLY.

NGC, LLC

CRANBERRY BED EXPANSION

EXISTING TOPOGRAPHY
 PART OF THE SW1/4E4, SECTION 33, T20N, R1E,
 TOWN OF BEAR BLUFF, JACKSON COUNTY, WISCONSIN

Scale 1"=60'

60' 40' 20' 0' 20' 40' 60'

LEGEND:
 ⊕ SOIL BORING
 * DENOTES WETLANDS
 (TB) TOP OF BED
 --- DENOTES POINT OF EXIST. ELEV.

NOTE:
 WETLANDS DELINEATED BY STAR ENVIRONMENTAL, INC.
 GARY W. STARZINSKI, LICENSED PROFESSIONAL SOIL SCIENTIST
 P.O. BOX 434
 705 THIRD STREET
 MARATHON, WI 54448
 PHONE (715) 443-6115
 FAX (715) 443-6108
 E-MAIL: storenvironmental@hotmail.com

Basis for Elevations:
 BENCH MARK 08 191E (PID DK5142): FROM THE JUNCTION OF STATE ROAD 173 WITH COUNTY ROAD EW ABOUT 12 MILES NORTHEAST OF THE CITY OF TOMAH; GO WEST ON COUNTY ROAD EW FOR 3.75 MILES TO COPPER ROAD, TURN RIGHT AND GO NORTH ON COPPER ROAD FOR 0.9 MILES TO THE STATION ON THE LEFT. THE STATION IS A BRONZE MONROE COUNTY GEODETIC CONTROL STATION DISK SET IN THE TOP OF A CONCRETE POST, LOCATED WITHIN THE RIGHT-OF-WAY ABOUT LEVEL WITH THE ROAD PAVEMENT. THE STATION IS 26.6 FEET SOUTHWEST OF THE CENTERLINE OF COPPER ROAD, AND 3.3 FEET NORTH, SOUTHEAST AND SOUTHWEST OF 3 ORANGE 4x4 PLASTIC WISNESS POSTS. ELEVATION 980.3 NAVD 88.

Surveyor's Certificate:
 I, THOMAS J. TRZINSKI, REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS IS A TRUE & CORRECT COPY OF A WETLAND DELINEATION SURVEY AS MADE BY ME ON APRIL 26 & MAY 29, 2012 BY THE DIRECTION OF NICK GEBHARDT OF NGC, LLC.
 THE DELINEATION AS SHOWN ON THIS MAP WAS SURVEYED UNDER MY DIRECTION AND CONTROL AND IS A CORRECT REPRESENTATION OF SAID SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 DATED THIS 31ST DAY OF MAY, 2012.

THOMAS J. TRZINSKI, RLS-2636
 REGISTERED LAND SURVEYOR

SCALE NOTE:
 IF YOU ARE VIEWING THESE PLANS IN AN 11"x17" SIZE THEY MAY BE HALF SCALE FROM THE ORIGINAL 22"x34" SIZE DRAWING AND THE DRAWING SCALE IS HALF OF THAT STATED. CHECK SCALE LEGEND BAR.

SEAL:

ORIGINAL DOCUMENT BEARS AN EMOSSSED SEAL OR A SEAL STAMPED IN RED WITH AN ORIGINAL SIGNATURE AND DATE.

CLIENT: _____

PROJECT: _____

TITLE: _____

PRELIMINARY
 NOT FOR CONSTRUCTION
 DATE: _____ BY _____

FOR BIDDING ONLY
 DATE: _____ BY _____

FOR CONSTRUCTION
 DATE: _____ BY _____

DRAWING OF RECORD
 DATE: _____ BY _____

DESIGNER: LARRY KOOPMAN
 DRAWN BY: PAT PAZUREK

FIELD DATA BY: D.S. & T.T.
 DATE: 4/26/12, 5/29/12
 CHECKED BY: T.J.T. DATE: 5/31/12

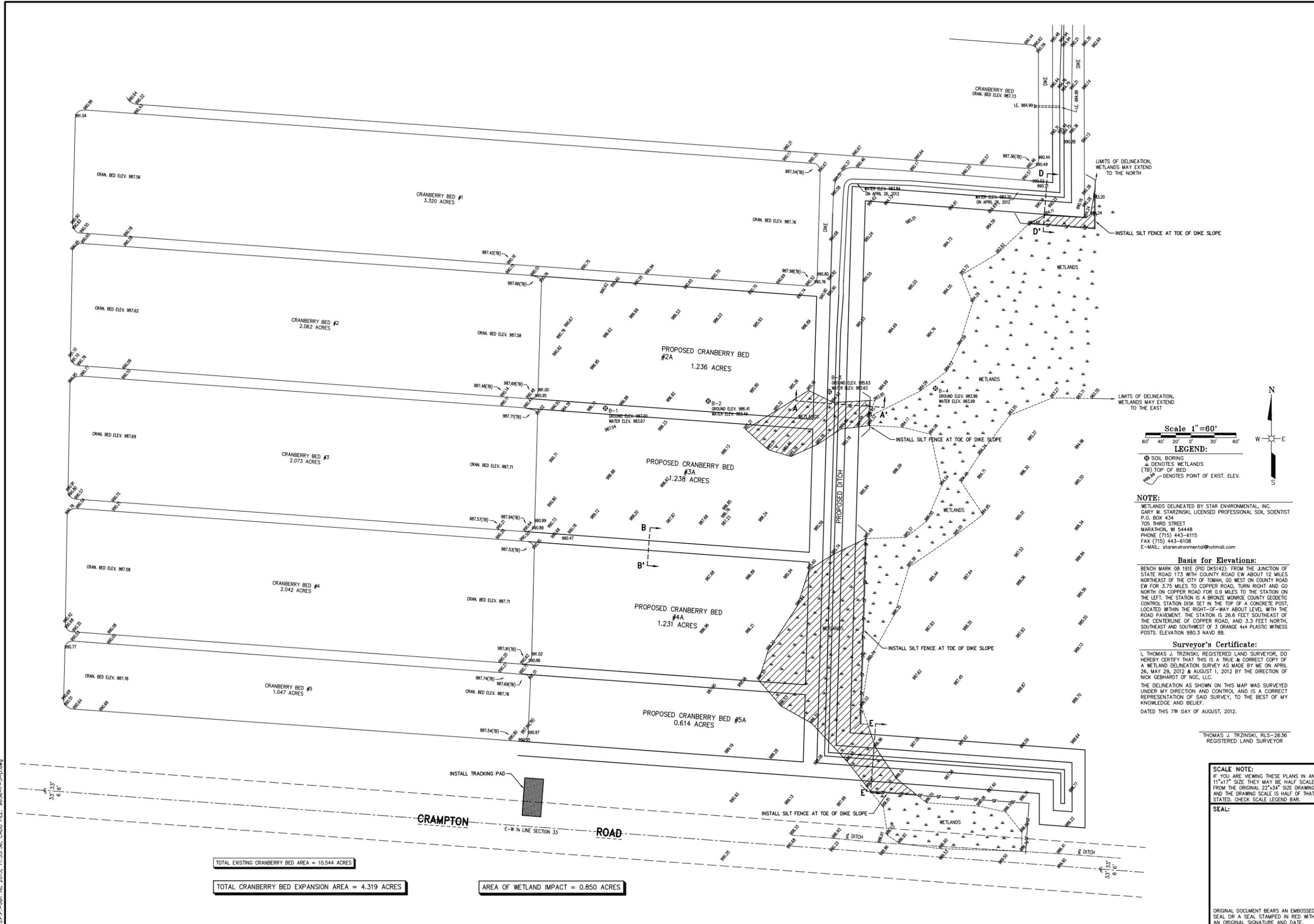
DWG. DATE: JAN. 7, 2013

DWG. NO. 9636-F-1-D

PROJECT NO. 12-50

PLAN SHEET SHEET 1 OF 5 SHEET(S)

J:\P.P. - Jun 16, 2013, 11:53:36, CADD FILE: 9636-F-3-D.dwg



TOTAL EXISTING CRANBERRY BED AREA = 10.544 ACRES
 TOTAL CRANBERRY BED EXPANSION AREA = 4.319 ACRES
 AREA OF WETLAND IMPACT = 0.850 ACRES

| REVISIONS | | |
|-----------|------|-------------|
| BY | DATE | DESCRIPTION |
| | | |
| | | |
| | | |
| | | |

ESP GROUP, INC.
LAMPERT-LEE & ASSOCIATES
 ENGINEERS • SURVEYORS • PLANNERS

10986 State Hwy. 54 East • Wisconsin Rapids, WI 54484-8718
 715-424-3131 or 715-344-0068 • FAX 715-423-8774
 COPYRIGHT © 2013 BY ESP GROUP, INC. ALL RIGHTS RESERVED. DUPLICATION BY WRITTEN PERMISSION ONLY.

NGC, LLC
CRANBERRY BED EXPANSION
ALTERNATIVE #1

CLIENT: _____
 PROJECT: _____
 TITLE: _____

Scale 1"=60'
 60' 40' 20' 0' 30' 60'

LEGEND:
 ⊕ SOIL BORING
 * DENOTES WETLANDS
 (TB) TOP OF BED
 --- DENOTES POINT OF EXIST. ELEV.

NOTE:
 WETLANDS DELINEATED BY STAR ENVIRONMENTAL, INC.
 GARY W. STARZINSKI, LICENSED PROFESSIONAL SOIL SCIENTIST
 P.O. BOX 434
 705 THIRD STREET
 MARATHON, WI 54448
 PHONE (715) 443-6115
 FAX (715) 443-6108
 E-MAIL: starenvironmental@hotmail.com

Basis for Elevations:
 BENCH MARK 08 191E (PID DK5142): FROM THE JUNCTION OF STATE ROAD 173 WITH COUNTY ROAD EW ABOUT 12 MILES NORTHEAST OF THE CITY OF TOMAH, GO WEST ON COUNTY ROAD EW FOR 3.75 MILES TO COPPER ROAD, TURN RIGHT AND GO NORTH ON COPPER ROAD FOR 0.9 MILES TO THE STATION ON THE LEFT. THE STATION IS A BRONZE MONROE COUNTY GEODETIC CONTROL STATION DISK SET IN THE TOP OF A CONCRETE POST, LOCATED WITHIN THE RIGHT-OF-WAY ABOUT LEVEL WITH THE ROAD PAVEMENT. THE STATION IS 26.6 FEET SOUTHEAST OF THE CENTERLINE OF COPPER ROAD, AND 3.3 FEET NORTH, SOUTHEAST AND SOUTHWEST OF 3 ORANGE 4x4 PLASTIC WITNESS POSTS. ELEVATION 980.3 NAVD 88.

Surveyor's Certificate:
 I, THOMAS J. TRZINSKI, REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS IS A TRUE & CORRECT COPY OF A WETLAND DELINEATION SURVEY AS MADE BY ME ON APRIL 26, MAY 29, 2012 & AUGUST 1, 2012 BY THE DIRECTION OF NICK GEBHARDT OF NGC, LLC.
 THE DELINEATION AS SHOWN ON THIS MAP WAS SURVEYED UNDER MY DIRECTION AND CONTROL AND IS A CORRECT REPRESENTATION OF SAID SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 DATED THIS 7TH DAY OF AUGUST, 2012.

THOMAS J. TRZINSKI, RLS-2636
 REGISTERED LAND SURVEYOR

SCALE NOTE:
 IF YOU ARE VIEWING THESE PLANS IN AN 11"x17" SIZE THEY MAY BE HALF SCALE FROM THE ORIGINAL 22"x34" SIZE DRAWING AND THE DRAWING SCALE IS HALF OF THAT STATED. CHECK SCALE LEGEND BAR.

SEAL:

PRELIMINARY
 NOT FOR CONSTRUCTION
 DATE: _____ BY: _____

FOR BIDDING ONLY
 DATE: _____ BY: _____

FOR CONSTRUCTION
 DATE: _____ BY: _____

DRAWING OF RECORD
 DATE: 8/7/12 BY: T.J.T.

DATE: _____ BY: _____

DESIGNER: LARRY KOOPMAN
 DRAWN BY: PAT PAZUREK

FIELD DATA BY: D.S. & T.T.
 DATE: 4/12, 5/12 & 8/12
 CHECKED BY: T.J.T. DATE: 8/7/12

DWG. DATE: JAN. 7, 2012
 DWG. NO. 9636-F-3-D
 PROJECT NO. 12-50

PLAN SHEET SHEET 3
 OF 5 SHEET(S)

3

ORIGINAL DOCUMENT BEARS AN EMBOSSED SEAL OR A SEAL STAMPED IN RED WITH AN ORIGINAL SIGNATURE AND DATE.