

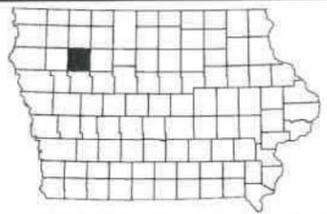
IDALS BV933724D-TZ WETLAND

BUENA VISTA COUNTY, IOWA

CONSTRUCTION PLANS FOR:

ISG PROJECT # 19-22574

SITE GRADING, BERM CONSTRUCTION, SEEDING, TILE ROUTE



NOTE:
THE CLARITY OF THESE PLANS DEPEND UPON COLOR COPIES. IF THIS TEXT DOES NOT APPEAR IN COLOR, THIS IS NOT AN ORIGINAL PLAN SET AND MAY RESULT IN MISINTERPRETATION.

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PROJECT

IDALS
BV933724D-TZ
WETLAND

BUENA VISTA COUNTY IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY
X	X	XXX

PROJECT NO.	19-22574
FILE NAME	22574 WETLAND NOTES - DETAILS
DRAWN BY	SMW
DESIGNED BY	BAB
REVIEWED BY	IDD
ORIGINAL ISSUE DATE	08/30/19
CLIENT PROJECT NO.	8V933724D-TZ

TITLE

TITLE

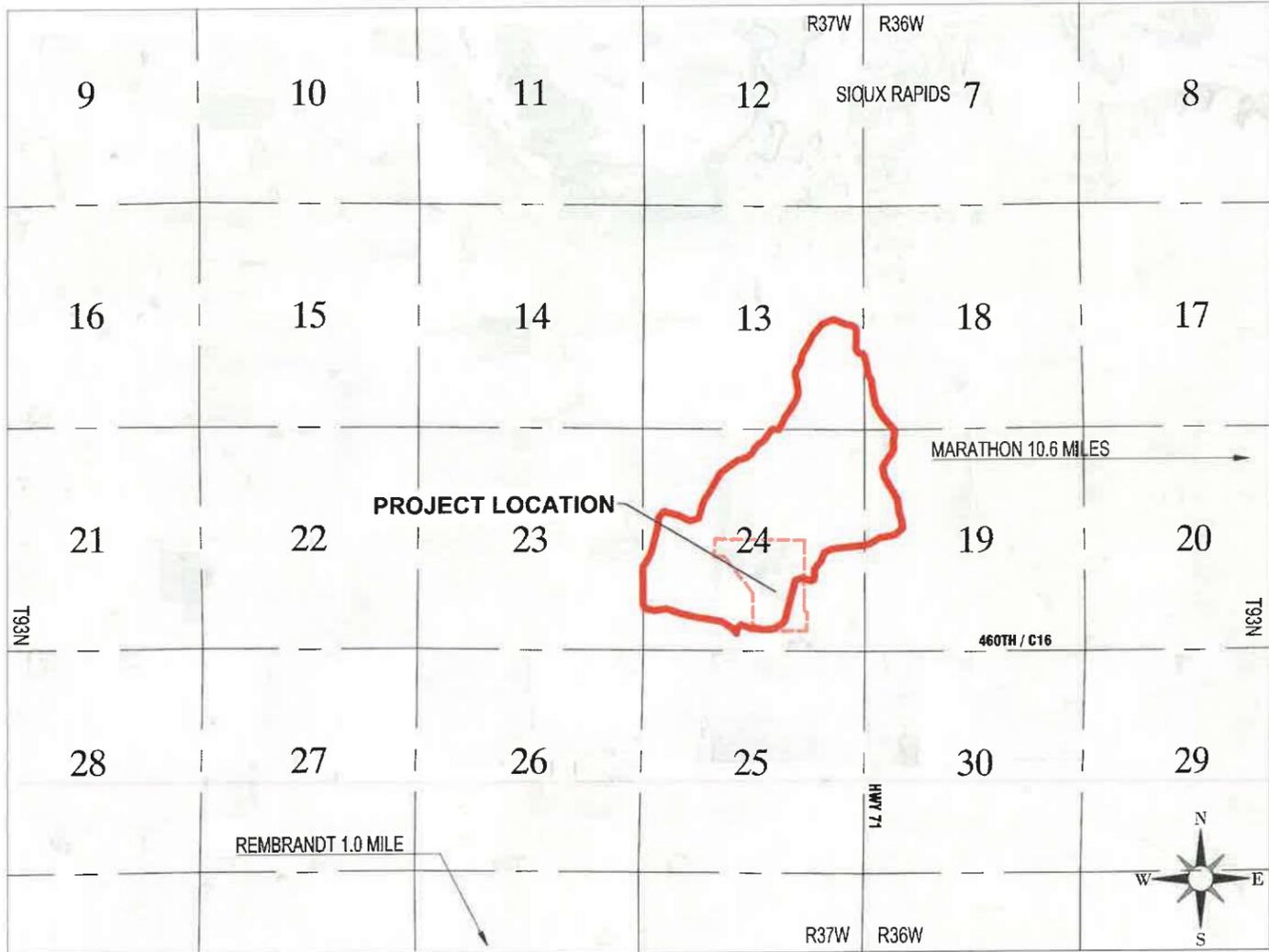
SHEET

T0-01

LEGEND

- EXISTING**
- CITY LIMITS
 - SECTION LINE
 - QUARTER SECTION LINE
 - RIGHT OF WAY LINE
 - PROPERTY / LOTLINE
 - EASEMENT LINE
 - ACCESS CONTROL
 - WATER EDGE
 - WETLAND BOUNDARY
 - WETLAND / MARSH
 - FENCE LINE
 - CULVERT
 - STORM SEWER
 - SANITARY SEWER
 - SANITARY SEWER FORCEMAIN
 - WATER
 - GAS
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND TELEPHONE
 - UNDERGROUND TV
 - OVERHEAD UTILITY
 - UNDERGROUND UTILITY
 - UNDERGROUND FIBER OPTIC
 - CONTOUR (MAJOR)
 - CONTOUR (MINOR)
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - TREE LINE
 - MANHOLE/STRUCTURE
 - CATCH BASIN
 - HYDRANT
 - VALVE
 - CURB STOP
 - POWER POLE
 - UTILITY PEDESTAL / CABINET

- PROPOSED**
- LOT LINE
 - RIGHT OF WAY
 - EASEMENT
 - CULVERT
 - STORM SEWER
 - STORM SEWER (PIPE WIDTH)
 - SANITARY SEWER
 - SANITARY SEWER (PIPE WIDTH)
 - WATER
 - GAS
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND TV
 - CONTOUR
 - MANHOLE
 - CATCH BASIN
 - HYDRANT
 - VALVE



SHEET INDEX

- T0-01 TITLE
- C0-20 DETAILS
- C3-10 OVERALL SITE & GRADING PLAN
- C3-20 INLET TILE PLAN-PROFILES
- C3-21 OUTLET STRUCTURE PLAN-PROFILES
- C3-22 BERM & SPILLWAY PLAN-PROFILES
- C3-23 DD16 MAIN TILE PLAN-PROFILE

PROJECT GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.
7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8. THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9. THE CONTRACTOR IS TO CONTACT "IOWA ONE CALL" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (1-800-292-8989).



SEAL

I hereby certify that this engineering document was prepared by me or under direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Ivan D. Droessler 2-18-2021
(signature) (date)

Printed or typed name IVAN_DROESSLER

License number 11837

My license renewal date is December 31, 2019

Page or sheets covered by this seal: **ALL SHEETS**

PROJECT INDEX:

LANDOWNER:
BERTNESS FAMILY FARMS LP
PO BOX 49
SIOUX RAPIDS, IA 50585

PROJECT ADDRESS / LOCATION:
SECTION 24/T93N/R37W

BARNES TWP
BUENA VISTA COUNTY, IOWA

MANAGING OFFICE:

STORM LAKE OFFICE
1725 LAKE AVE. NORTH
STORM LAKE, IA 50588
PHONE: 712.732.7745

PROJECT MANAGER: IVAN DROESSLER
EMAIL: IVAN.DROESSLER@ISGINC.COM

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE COUNTY OF BUENA VISTA REQUIREMENTS AND WITH THE 2018 EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) AND ISG SPECIFICATIONS, UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), ON THE 1823-NF ZONE 4 COORDINATE SYSTEM, IN U.S. SURVEY FEET. ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). RTK GPS METHODS WERE USED TO ESTABLISH HORIZONTAL AND VERTICAL COORDINATES FOR THIS PROJECT.

B.M. ELEVATION=1329.59

CONTROL POINT SET 0.50 MILES NORTH ALONG HWY 71 FROM INT OF HWY 71 AND C16, 83 FEET WEST OF HWY 71 CENTERLINE

CULTURAL RESOURCES

IF A CULTURAL RESOURCE IS IDENTIFIED DURING CONSTRUCTION, WORK WILL STOP IMMEDIATELY AND THE NRCS ARCHEOLOGISTS WILL BE NOTIFIED AT (515) 284-4370.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN SPRING 2019 BY ISG.

TITLE

TITLE

SHEET

T0-01