



**US Army Corps
of Engineers** ®
Rock Island District

PUBLIC NOTICE

Applicant: Double Eagle Golf, Inc
CEMVR-OD-P-2020-1477

Date: November 1, 2021
Expires: December 1, 2021
Section 404

**Joint Public Notice
US Army Corps of Engineers
Iowa Department of Natural Resources**

1. **Applicant:** Double Eagle Golf, Inc, c/o Mr. Randy Winegard, 5592 Clubhouse Drive, Burlington, Iowa 52601.
2. **Project Location:** The project is located on Sprit Hollow, an existing golf course, east of US 61/71st Street, south of 60th Street, and northwest of 50th Street, Section 24, Township 69 North, Range 3 West, Des Moines County, Iowa. UTM NAD-83 Zone 15, Latitude 40.7563, Longitude -91.1434.
3. **Project Description:** The Applicant proposes to construct an earthen dam and a pond to provide irrigation to the golf course. Impacts to Waters of the U.S., will occur through the construction of the dam, and inundation and conversion of a stream to a pond. Specifically, this project will involve the loss of approximately 1800 linear feet of perennial stream. As the permanent losses exceed 300 linear feet of stream, compensatory mitigation will be required. As there are no stream mitigation credits in the service areas of this project, the applicant proposes permittee responsible mitigation. Alternatives, both on-site and off-site will be evaluated to ensure compliance with the 404 B 1 guidelines.
4. **Purpose and Need:** The applicant states that the purpose and need of this project is to construct an earthen dam and pond to provide irrigation.
5. **Agency Review:**
 - a. Department of the Army, Corps of Engineers. The Department of the Army application is being processed under the provisions of Section 404 of the Clean Water Act (33 U.S.C. 1344).
 - b. State of Iowa. The project plans have been submitted to the Iowa Department of Natural Resources for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification, if issued, will express the Department's opinion that the proposed activity will comply with Iowa's water quality standards (Chapter 61 IAC). The applicant has also applied for authorization of work in the floodplain pursuant to Chapter 455B of the Iowa Code and other applicable state permits. Written comments concerning possible impacts to waters of Iowa should be addressed to: Iowa Department of Natural Resources, 502 E. 9th Street, Des Moines, Iowa 50319. A copy of the comments should be provided to the Corps of Engineers office (see paragraph 12, of this public notice for address).

6. **Historical/Archaeological:** The Corps reviewed the Iowa I-Sites online geographic information systems (GIS) archeological site and survey databases (including the HILD data layer) and a Phase 1 Cultural Resource Survey was completed. The Corps will review the Phase 1 Survey, make a determination, and coordinate with the Iowa SHPO.

7. **Endangered Species:** District staff has performed a preliminary review of this application for the potential impact on threatened or endangered species pursuant to Section 7 of the Endangered Species Act as amended. The following threatened or endangered species are listed by the United States Fish and Wildlife Service as occurring in Polk County, Iowa: (<https://ecos.fws.gov/ipac/>)

- Indiana bat (*Myotis sodalis*) and Northern long-eared bat (*Myotis septentrionalis*) – The project area is located on an existing golf course. There are no hibernacula on site and there is not suitable habitat. Therefore, the Corps has made a **no effect** determination to these species.
- Prairie Bush-clover (*Lespedeza leptostachya*) – The project site does not contain dry to mesic prairies with gravelly soils and does not contain suitable habitat. Therefore, the Corps has determined there will be **no effect** to this species.
- Western Prairie Fringed Orchid (*Platanthera praeclara*) – The project site does not contain mesic to wet unplowed tallgrass prairies and meadows and does not contain suitable habitat. Therefore, the Corps has determined there will be **no effect** to this species.
- Eastern Prairie Fringed Orchid (*Platanthera leucophaea*) – The project site does not contain mesic prairies or wetlands and does not contain suitable habitat. Therefore, the Corps has determined there will be **no effect** to this species.
- Higgens Eye [pearlymussel] (*Lampsilis higginsii*) – The project site does not contain large rivers with deep water and moderate currents and does not contain suitable habitat. Therefore, the Corps has determined there will be **no effect** to this species.
- Sheepnose (*Plethobasus cyphus*) – This project site does not contain large rivers or streams with moderate to swift currents flowing over coarse sand and gravel and does not contain suitable habitat for this species. Therefore, the Corps has determined there will be **no effect** to this species.
- Spectaclecase (mussel) *Cumberlandia monodonta* – The project site does not contain larger rivers and does not contain suitable habitat. Therefore, the Corps has determined there will be **no effect** to this species.

8. **Dredge/Fill Material Guidelines:** The evaluation of the impact of the proposed activity on the public interest will also include application of the guidelines promulgated by the Administrator of the United States Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

9. **Public Interest Review:** The decision whether to issue the Corps permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important

resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

10. Who Should Reply: The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above.

Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. These statements should be submitted on or before the expiration date specified at the top of page 1. These statements should bear upon the adequacy of plans and suitability of locations and should, if appropriate, suggest any changes considered desirable.

11. Public Hearing Requests: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided.

12. Reply to the Corps. Comments concerning the Corps permit should be addressed to the District Engineer, US Army Corps of Engineers, Rock Island District, ATTN: RD-W Alex Meincke), Clock Tower Building - Post Office Box 2004, Rock Island, Illinois 61204-2004. For additional information contact **Mr. Alex Meincke 309-794-5368** or email: alexander.c.meincke@usace.army.mil.

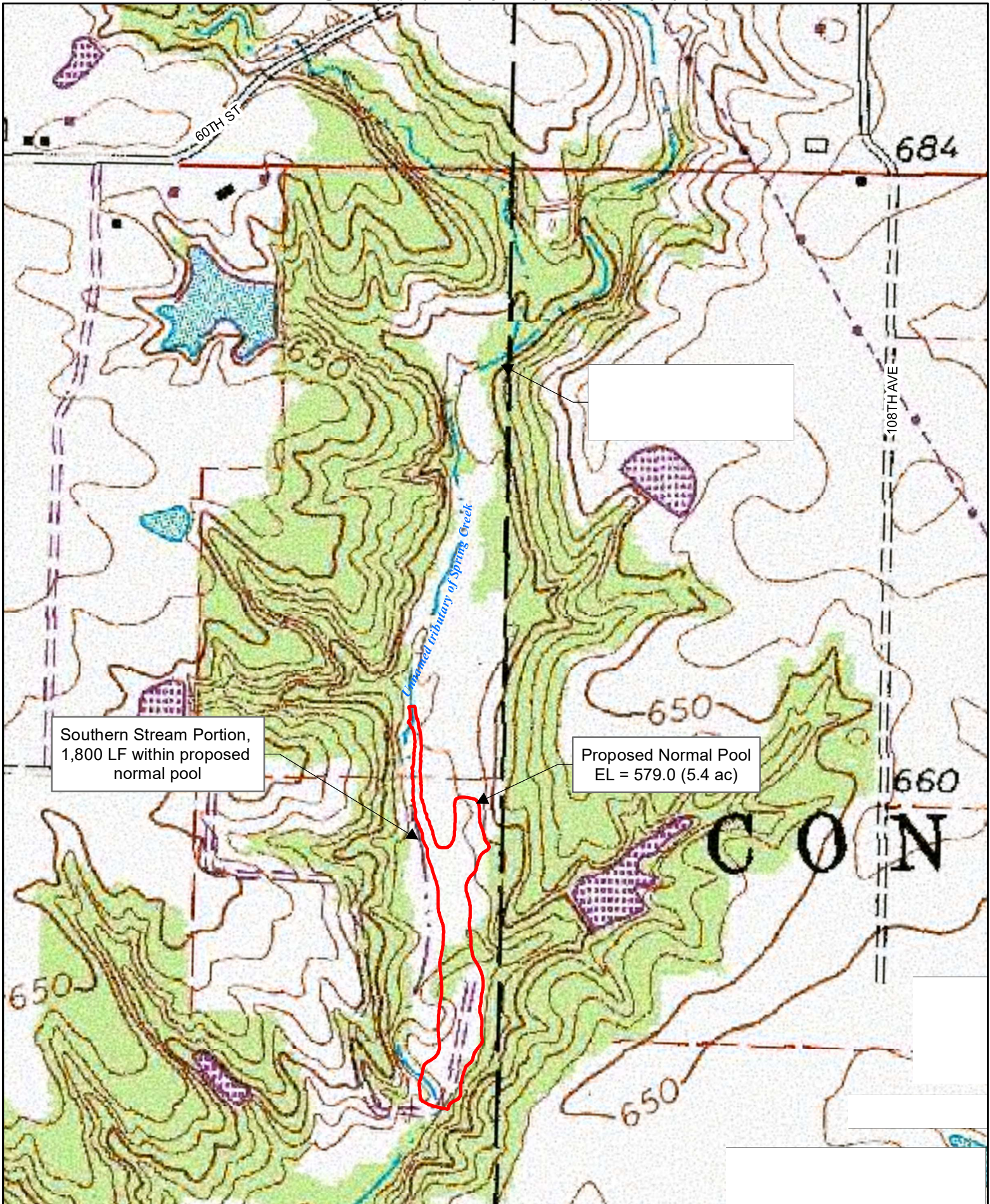
Alex Meincke

Attach
Plan

Mr. Alexander C. Meincke
Project Manager, Western Branch
Regulatory Division

REQUEST TO POSTMASTERS: Please post this notice conspicuously and continuously until the expiration date specified at the top of page 1.

NOTICE TO EDITORS: This notice is provided as background information for your use in formatting news stories. This notice is not a contract for classified display advertising.



Southern Stream Portion,
1,800 LF within proposed
normal pool

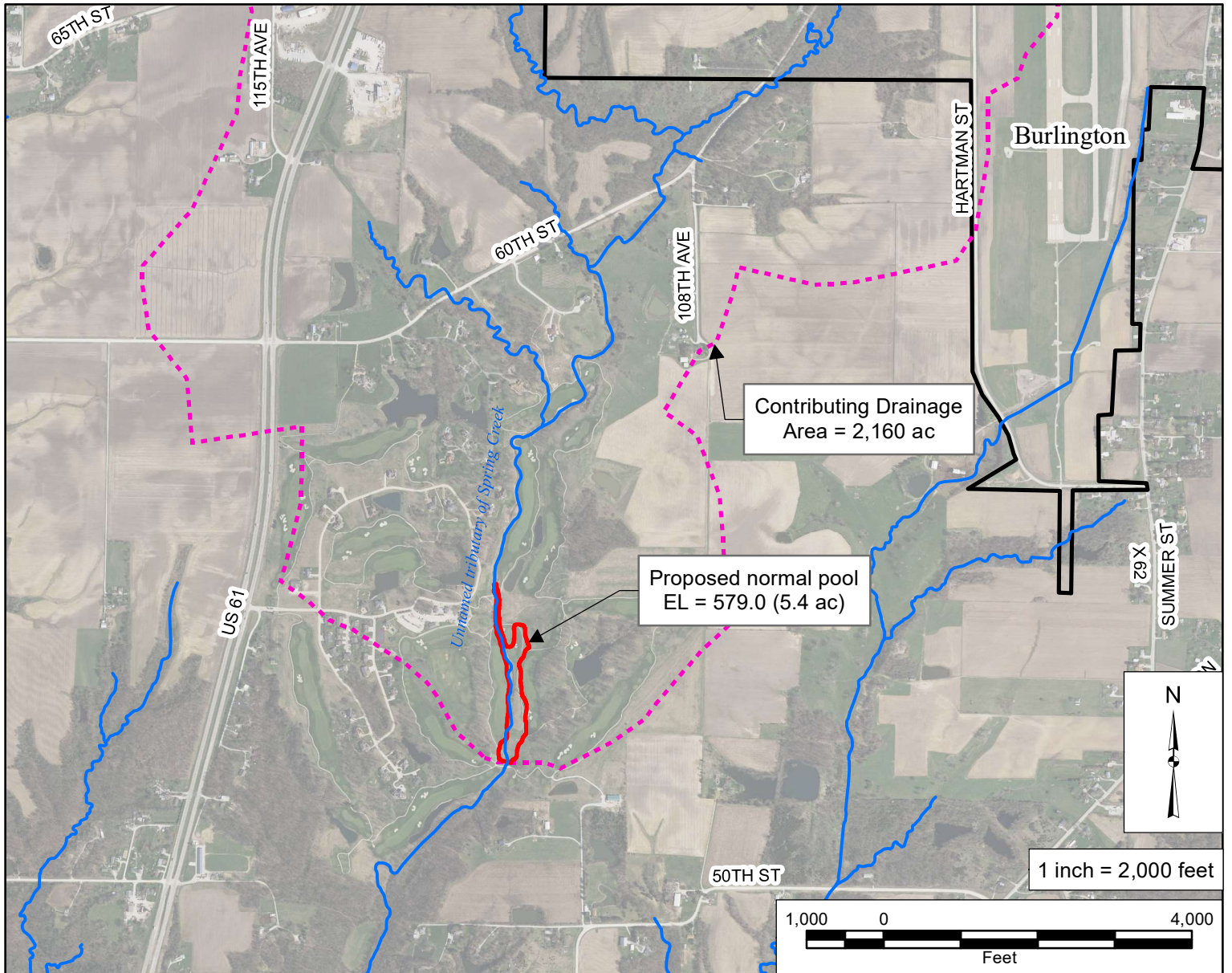
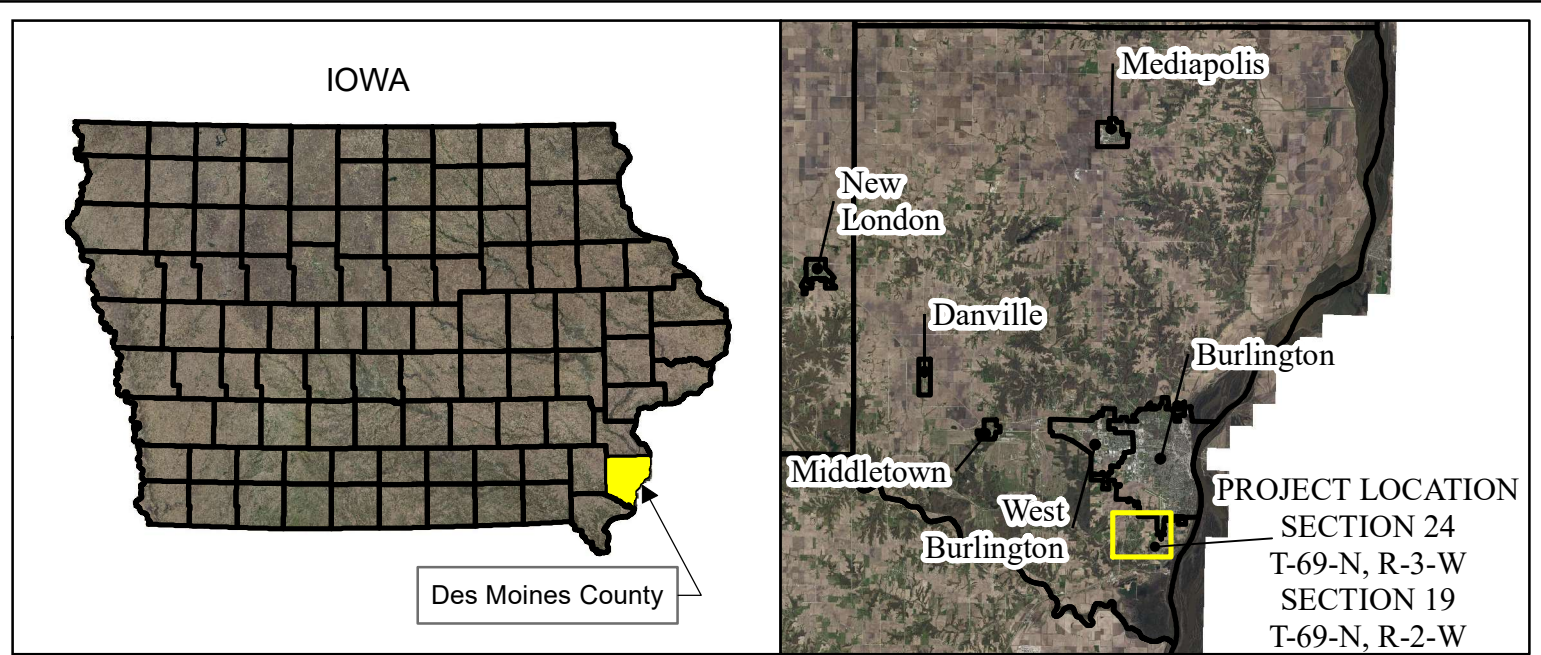
Proposed Normal Pool
EL = 579.0 (5.4 ac)

P.N. 20-085.003
DATE 04/06/2021
SHEET 1 OF 1

USGS TOPO MAP
SPIRIT HOLLOW
AQUATIC RESOURCES DELINEATION



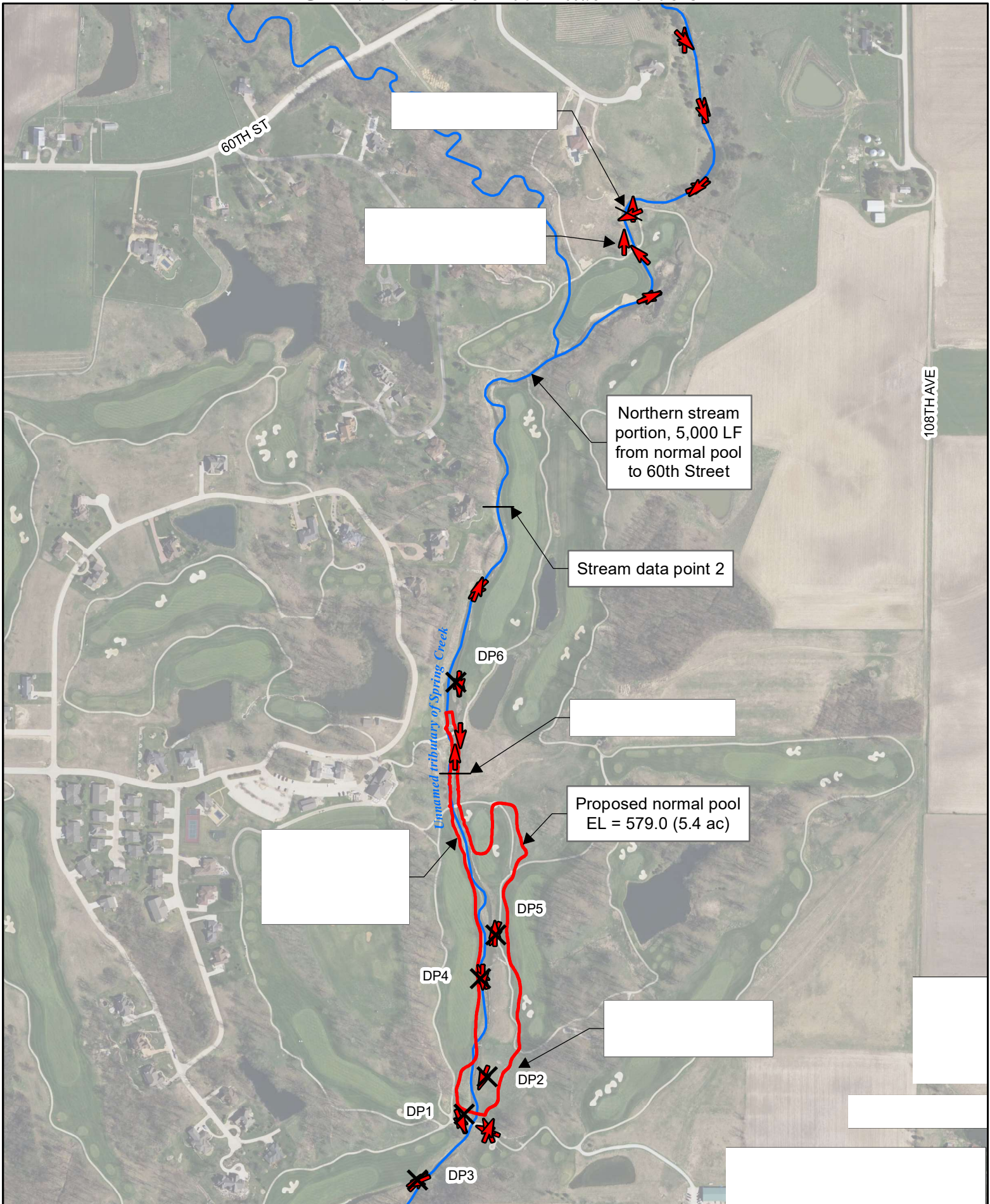
FRENCH-RENEKER-ASSOCIATES
ENGINEERS & SURVEYORS



P.N. 20-085.003
DATE 04/06/2021
SHEET 1 OF 1

GENERAL LOCATION MAP
SPIRIT HOLLOW
AQUATIC RESOURCES DELINEATION

FRENCH-RENEKER-ASSOCIATES
ENGINEERS & SURVEYORS



P.N. 20-085.003

DATE 04/06/2021

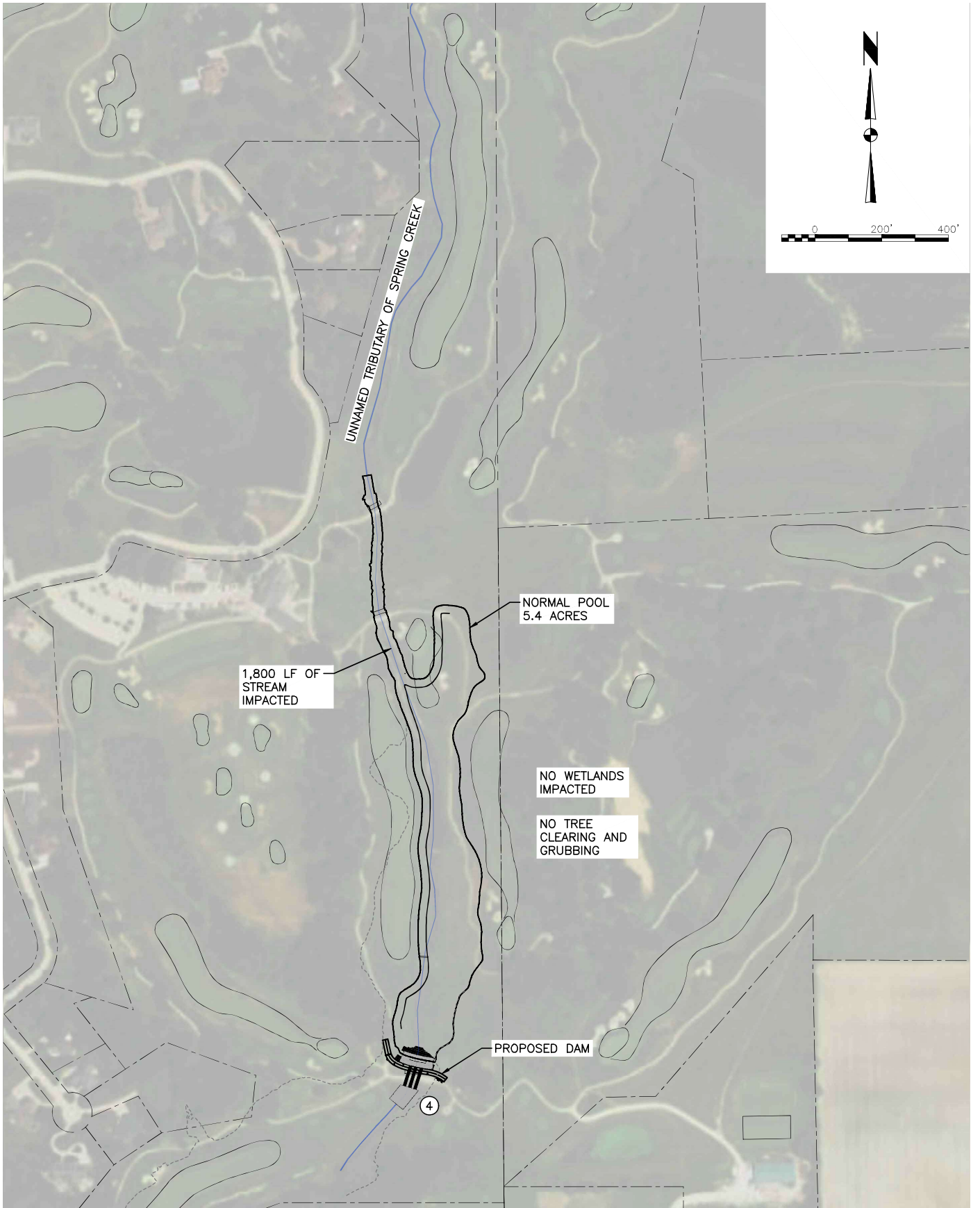
SHEET 1 OF 1

DATA POINT AND PHOTO LOCATIONS
 SPIRIT HOLLOW
 AQUATIC RESOURCES DELINEATION



FRENCH-RENEKER-ASSOCIATES
 ENGINEERS & SURVEYORS

APPENDIX A



DRAWING PATH NAME: G:\2020\20085\WIN DRAWINGS\COE Permit Sketches\COE Permit Sketches.dwg - PR POND
PLOTTED: 09/21/21 - 3:21pm - baileyk

P.N. 20-085

DATE 07/06/21

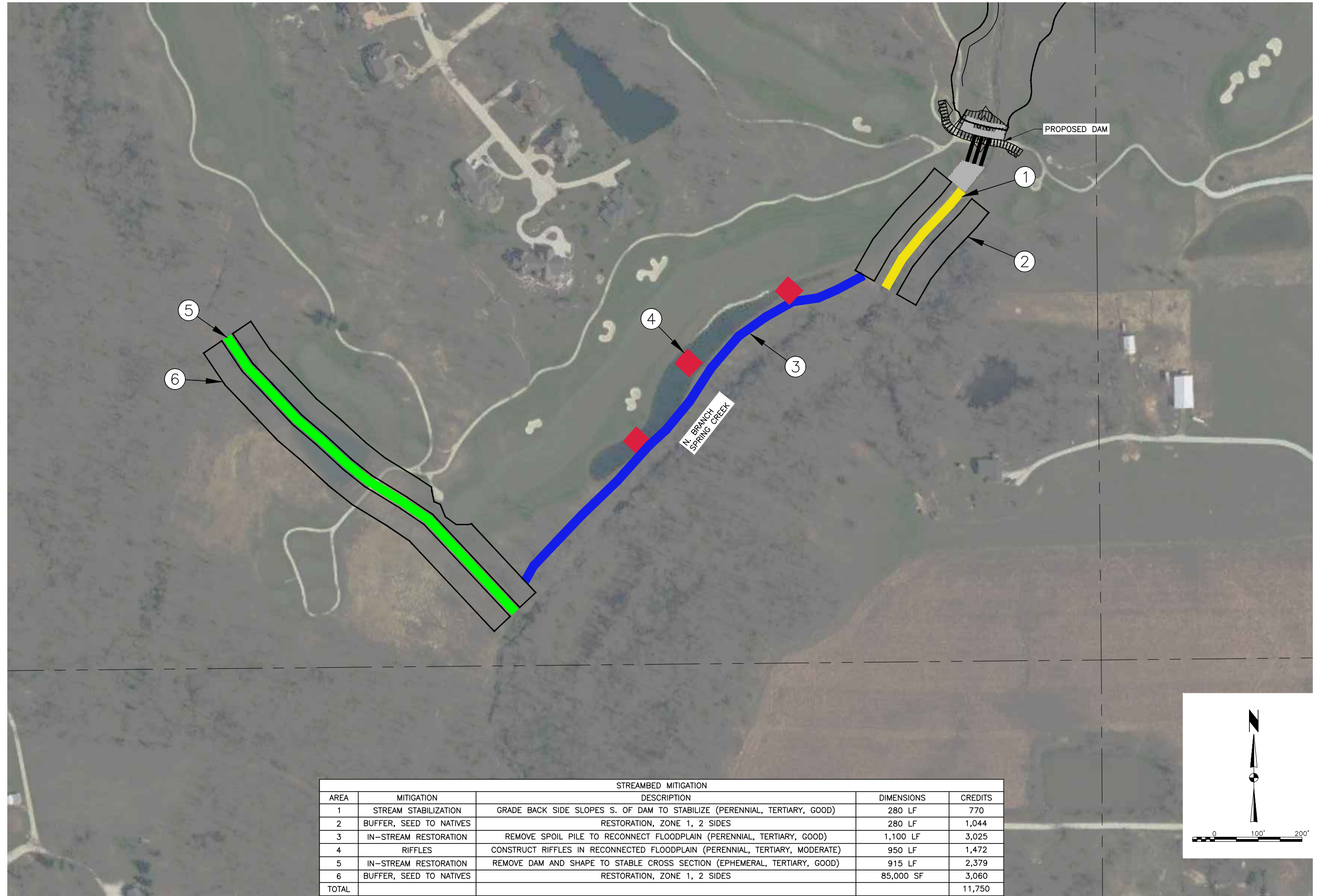
SHEET 6 OF 6

ALTERNATIVES ANALYSIS
ALTERNATIVE 4
SPIRIT HOLLOW GOLF COURSE, BURLINGTON, IOWA

 FRENCH-RENEKER-ASSOCIATES
ENGINEERS & SURVEYORS

DRAWING PATH\NAME: c:\2020\20085WIN\DRAWINGS\C3D\Lidar_South_NEW.dwg - MITIGATION PLAN 2 OPTION 4
 PLOTTED: 08/05/21 - 5:35pm - stephmp

MARK	REVISION DESCRIPTION	DATE	BY



STREAMBED MITIGATION				
AREA	MITIGATION	DESCRIPTION	DIMENSIONS	CREDITS
1	STREAM STABILIZATION	GRADE BACK SIDE SLOPES S. OF DAM TO STABILIZE (PERENNIAL, TERTIARY, GOOD)	280 LF	770
2	BUFFER, SEED TO NATIVES	RESTORATION, ZONE 1, 2 SIDES	280 LF	1,044
3	IN-STREAM RESTORATION	REMOVE SPOIL PILE TO RECONNECT FLOODPLAIN (PERENNIAL, TERTIARY, GOOD)	1,100 LF	3,025
4	RIFFLES	CONSTRUCT RIFFLES IN RECONNECTED FLOODPLAIN (PERENNIAL, TERTIARY, MODERATE)	950 LF	1,472
5	IN-STREAM RESTORATION	REMOVE DAM AND SHAPE TO STABLE CROSS SECTION (EPHEMERAL, TERTIARY, GOOD)	915 LF	2,379
6	BUFFER, SEED TO NATIVES	RESTORATION, ZONE 1, 2 SIDES	85,000 SF	3,060
TOTAL				11,750

FRENCH-RENEKER-ASSOCIATES
 ENGINEERS & SURVEYORS
 1501 S. Main Street
 Fairfield, IA 52556
 Phone: (641) 472-9145
 Email: french@french-reneker.com
 www.french-reneker.com

WINEGARD STREAMBED MITIGATION
 OPTION #4

2021

PROPOSED STREAMBED MITIGATION
 DES MOINES COUNTY, IOWA

DATE: 07/29/21
 PROJECT NO.: 20-085
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 SHEET 4 OF 4