



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

PUBLIC NOTICE

Applicants: City of Johnston

Date: July 22, 2021

CEMVR-RD-2021-0973

Expires: August 20, 2021
Section 404

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

1. **Applicant:** City of Johnston, c/o: Mr. Adam Plagge, PO Box 410, Johnston, Iowa 50131.
2. **Project Location:** The project is located within the Beaver Creek Natural Resource Area, west of Merle Hay Road, north of I-35/I-80, south of Pioneer Parkway, in Sections 12, Township 79 North, Range 25 West, Polk County Iowa within the City of Johnston. UTM NAD-83 Zone 15, Latitude 41.657599, Longitude -93.701639.
3. **Project Description:** This project was originally submitted with the City of Johnston/Ignit Fitness Recreational Complex (MVR-2020-1592) application. As it is a separate and complete project, the project was resubmitted in a new application. The Applicant proposes to construct a regional stormwater detention facility to provide stormwater for the Green Meadow neighborhood and surrounding areas. Specifically, this project will involve the loss of 3.43 acres of Wetland 1 (one) for the grading and fill associated with the footprint of the stormwater detention facility. The applicant proposes to combine the detention facility from the City of Johnston/Ignit Fitness project with the detention facility from this project to reduce the overall impacts. As the impacts to this project exceed 0.1 acre of wetland, compensatory mitigation is required. The applicant proposes to purchase 3.43 acres of emergent wetland credits from a Corps approved mitigation bank. 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 the purpose of this project is to provide stormwater detention and water quality improvements for the Green Meadow neighborhood and surrounding areas. The applicant states that this project is needed to improve water quality and to mitigate the effects of flooding from the Green Meadows neighborhood before it enters into Beaver Creek. The applicant states that the existing flume network does not meet the stormwater needs of this area and repairing the flume network would not improve the flooding issues this area is experiencing.
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 11., of this public notice for address).

6. **Historical/Archaeological:** The Corps consulted with the Iowa I-Sites online geographic information systems (GIS) archeological site and survey databases (including the HILD data layer) and there were no sites in proximity of the project area shown on the I-Sites GIS website. A Phase 1 Archeologic Survey was completed and coordinated with the Iowa SHPO under the previous file number (MVR-2020-1592), and this project area is included in that Phase 1 survey. The Iowa SHPO concurred with the "**no historic properties affected**" determination that was made.

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*) & Northern long-eared bat (*Myotis septentrionalis*) –The project area is located on a site that is surrounded by residential neighborhoods and commercial/industrial development and is not in a well-developed riparian/wooded area; therefore, the Corps has determined there will be **no effect** on these bats.
- Prairie Bush-clover (*Lespedeza leptostachya*) – The project site does not contain dry to mesic prairies with gravelly soils; 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, 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 (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.

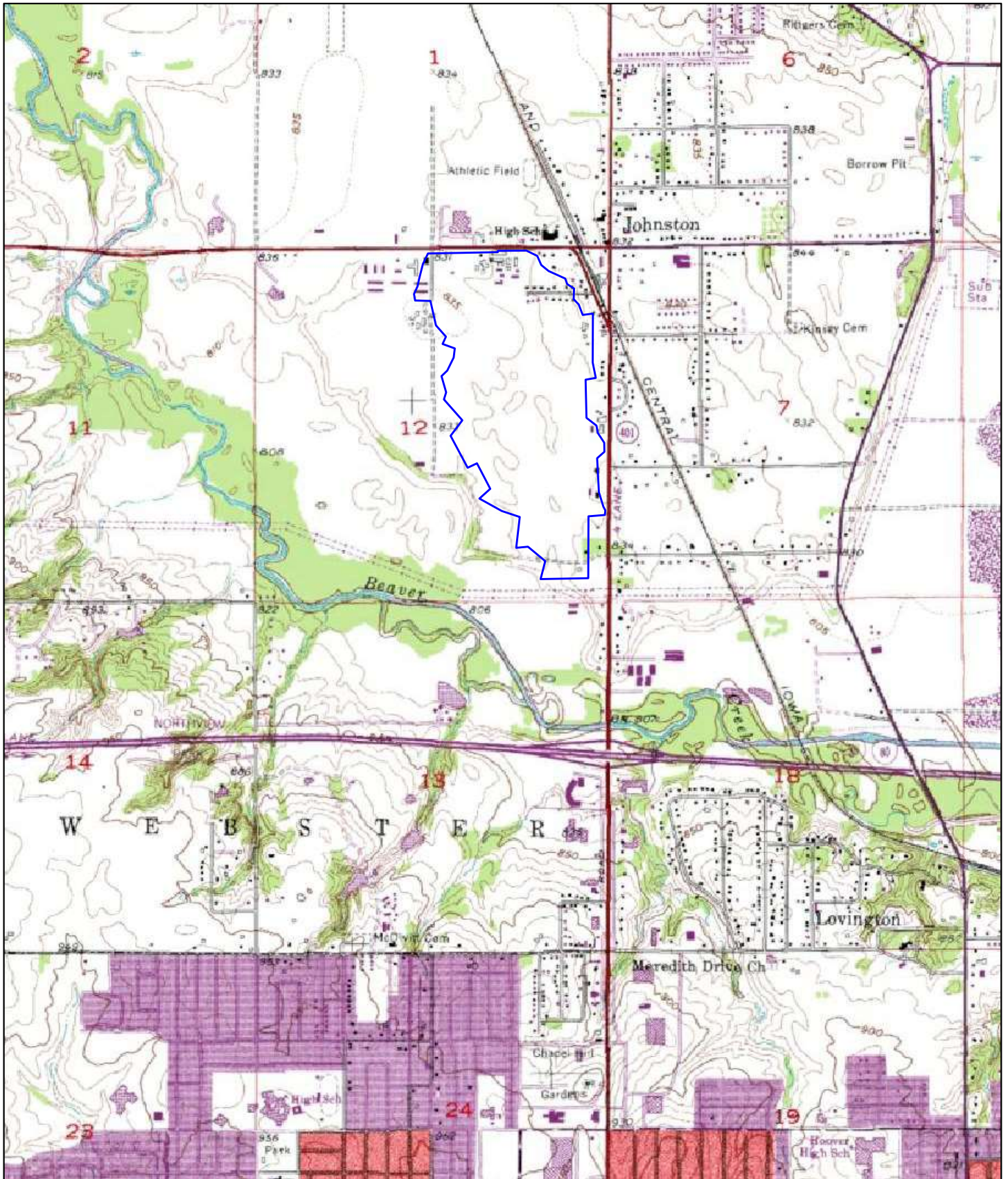
Alex Meincke

Attach
Plan

Mr. Alex 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.



LEGEND

——— - GREEN MEADOWS WATERSHED

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USGS TOPOGRAPHIC MAP

GREEN MEADOWS
 STORMWATER IMPROVEMENT PROJECT
 PIONEER PKWY, NW 62ND AVE & MERLE HAY RD
 JOHNSTON, IOWA

0 APPROXIMATE DRAWING SCALE 5000 Feet Project ID #: 20J007.01

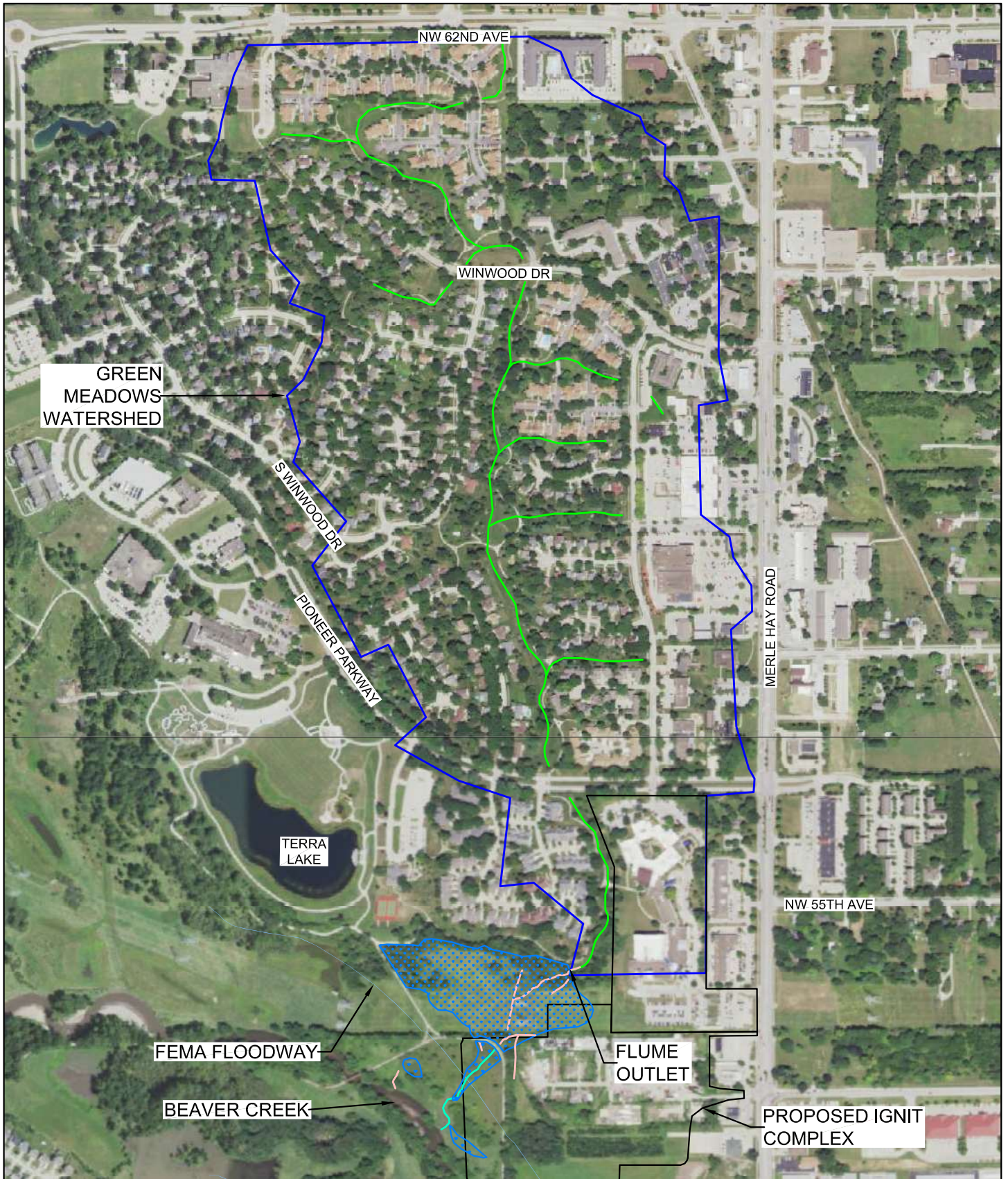
Date: 6/22/2021

Prepared By: ESM

Checked By: SMT



1



GREEN MEADOWS WATERSHED

S WINWOOD DR

PIONEER PARKWAY

NW 62ND AVE

WINWOOD DR

MERLE HAY ROAD

TERRA LAKE

NW 55TH AVE

FEMA FLOODWAY

BEAVER CREEK

FLUME OUTLET

PROPOSED IGNIT COMPLEX



LEGEND

-  - GREEN MEADOWS WATERSHED
-  - GREEN MEADOWS FLUME SYSTEM
-  - WETLAND
-  - WUS
-  - DRAINAGE FEATURE

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GREEN MEADOWS WATERSHED

GREEN MEADOWS
STORMWATER IMPROVEMENT PROJECT
PIONEER PKWY, NW 62ND AVE & MERLE HAY RD
JOHNSTON, IOWA

0 APPROXIMATE DRAWING SCALE 700 Feet

Project ID #: 20J007.01

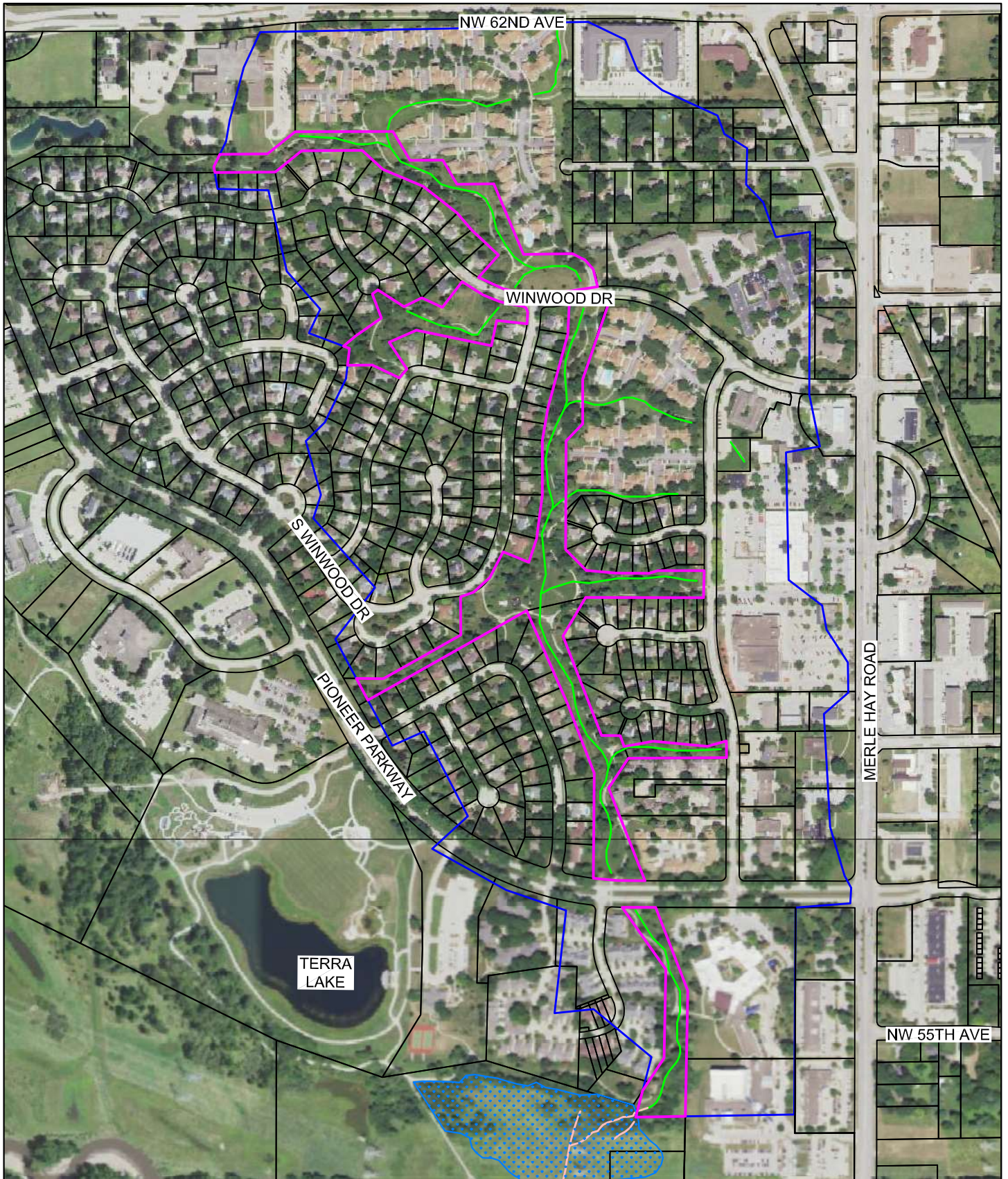
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- LEGEND**
- - GREEN MEADOWS WATERSHED
 - - GREEN MEADOWS FLUME SYSTEM
 - ▤ - WETLAND
 - - WUS
 - - DRAINAGE FEATURE
 - - PROPERTY LINES
 - - CITY-OWNED PROPERTY

PROPERTY OWNERSHIP MAP

GREEN MEADOWS
 STORMWATER IMPROVEMENT PROJECT
 PIONEER PKWY, NW 62ND AVE & MERLE HAY RD
 JOHNSTON, IOWA

0 APPROXIMATE DRAWING SCALE 600 Feet

Project ID #: 20J007.01

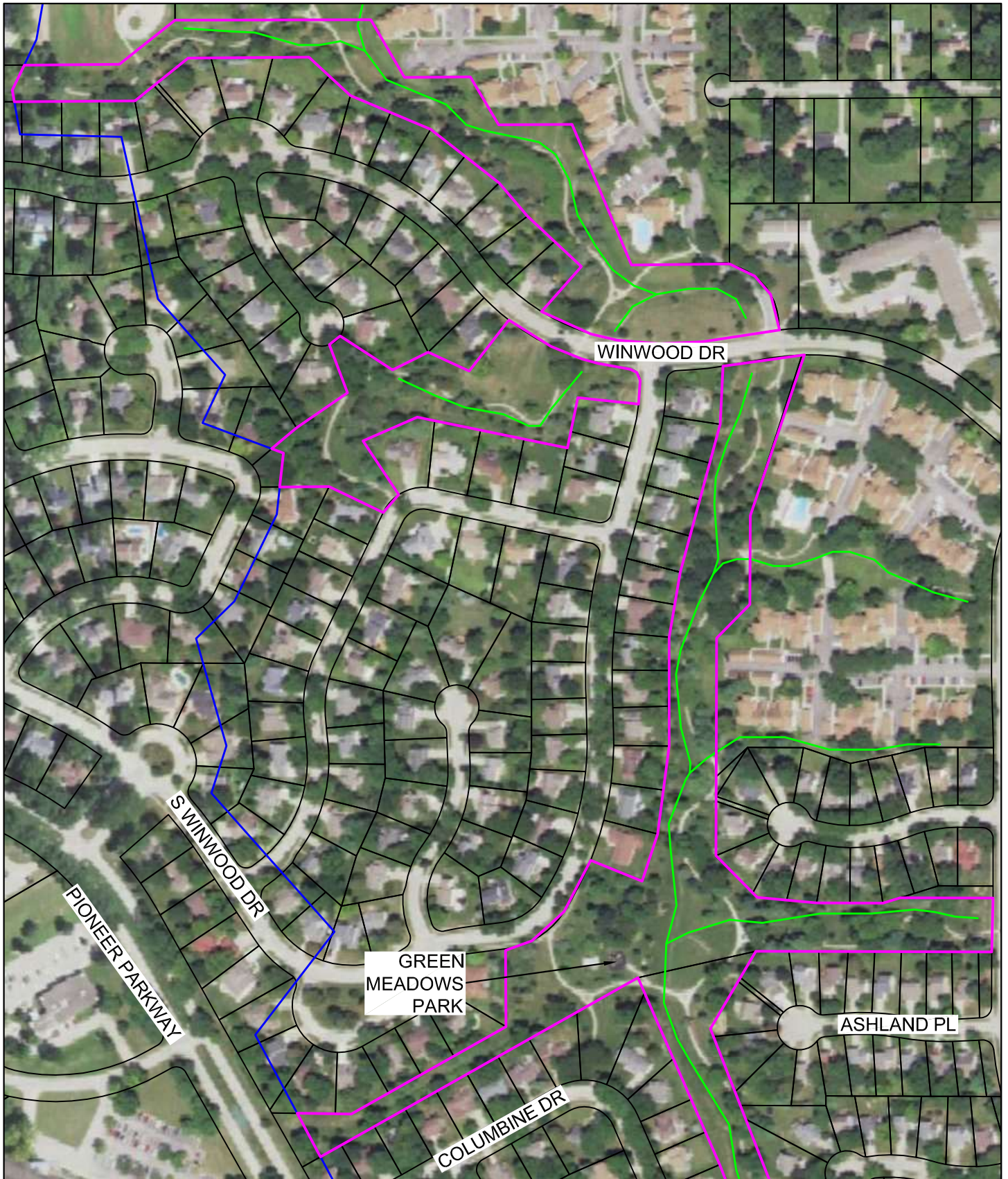
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LEGEND

- - GREEN MEADOWS WATERSHED
- - GREEN MEADOWS FLUME SYSTEM
- PROPERTY LINES
- - CITY-OWNED PROPERTY

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PROPERTY OWNERSHIP MAP

**GREEN MEADOWS
STORMWATER IMPROVEMENT PROJECT
PIONEER PKWY, NW 62ND AVE & MERLE HAY RD
JOHNSTON, IOWA**

0 APPROXIMATE DRAWING SCALE 300 Feet Project ID #: 20J007.01

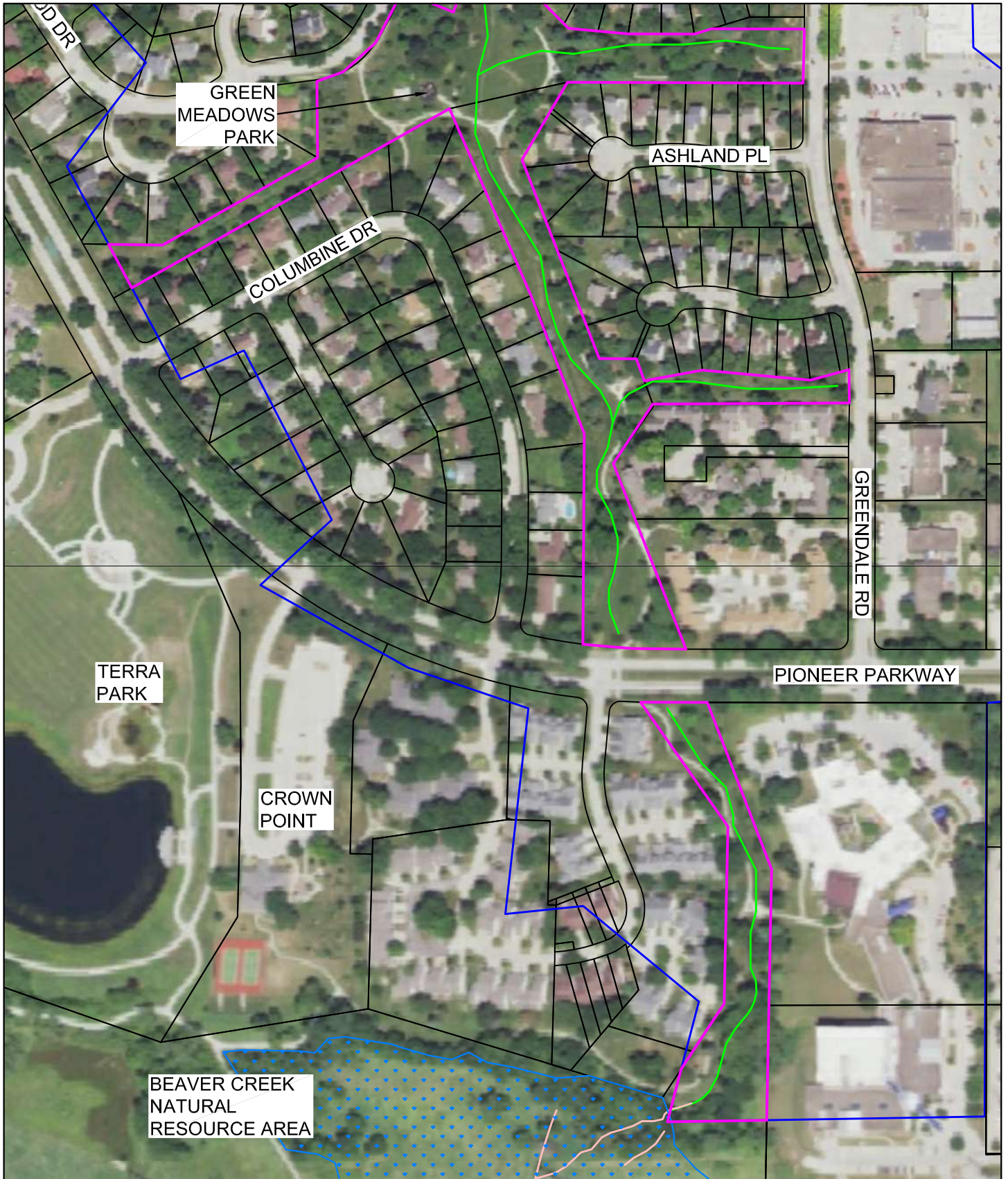
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3A



TERRA PARK

GREEN MEADOWS PARK

ASHLAND PL

COLUMBINE DR

GREENDALE RD

PIONEER PARKWAY

CROWN POINT

BEAVER CREEK NATURAL RESOURCE AREA



LEGEND

- GREEN MEADOWS WATERSHED
- GREEN MEADOWS FLUME SYSTEM
- WETLAND
- WUS
- DRAINAGE FEATURE
- PROPERTY LINES
- CITY-OWNED PROPERTY

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PROPERTY OWNERSHIP MAP

GREEN MEADOWS
 STORMWATER IMPROVEMENT PROJECT
 PIONEER PKWY, NW 62ND AVE & MERLE HAY RD
 JOHNSTON, IOWA

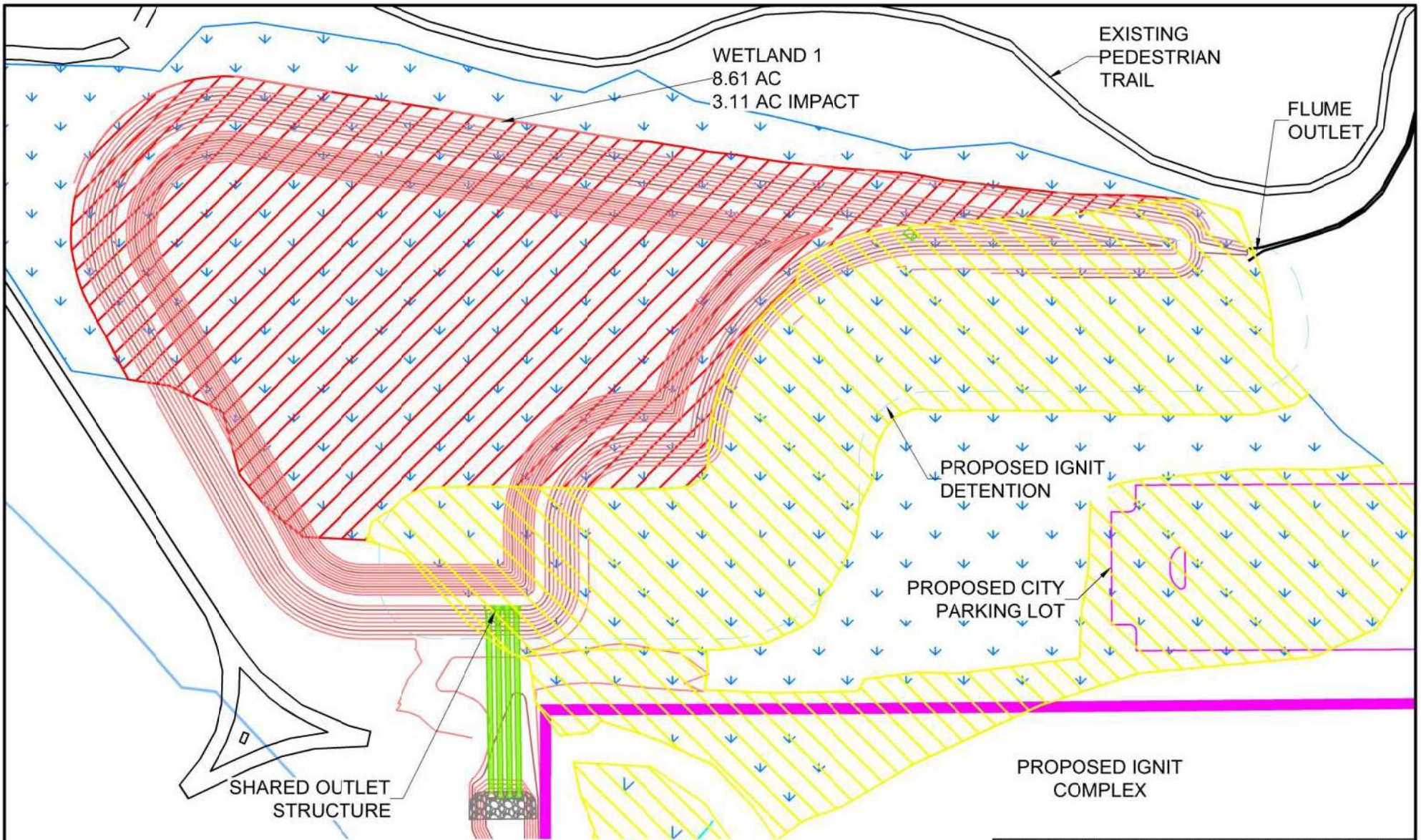
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Project ID #: 20J007.01

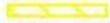

Date: 6/22/2021
 Prepared By: ESM
 Checked By: SMT



3B



LEGEND

-  - WETLAND
-  - WETLAND IMPACT - IGNIT PROJECT
-  - WETLAND IMPACT - GREEN MEADOWS DEDICATED BASIN

SINGLE DEDICATED BASIN - CONCEPT 1

GREEN MEADOWS
 STORMWATER IMPROVEMENT PROJECT
 PIONEER PKWY, NW 62ND AVE & MERLE HAY RD
 JOHNSTON, IOWA

0 APPROXIMATE DRAWING SCALE 100 Feet Project ID #: 20J007.01

Date: 6/22/2021
 Prepared By: ESM
 Checked By: SMT

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