

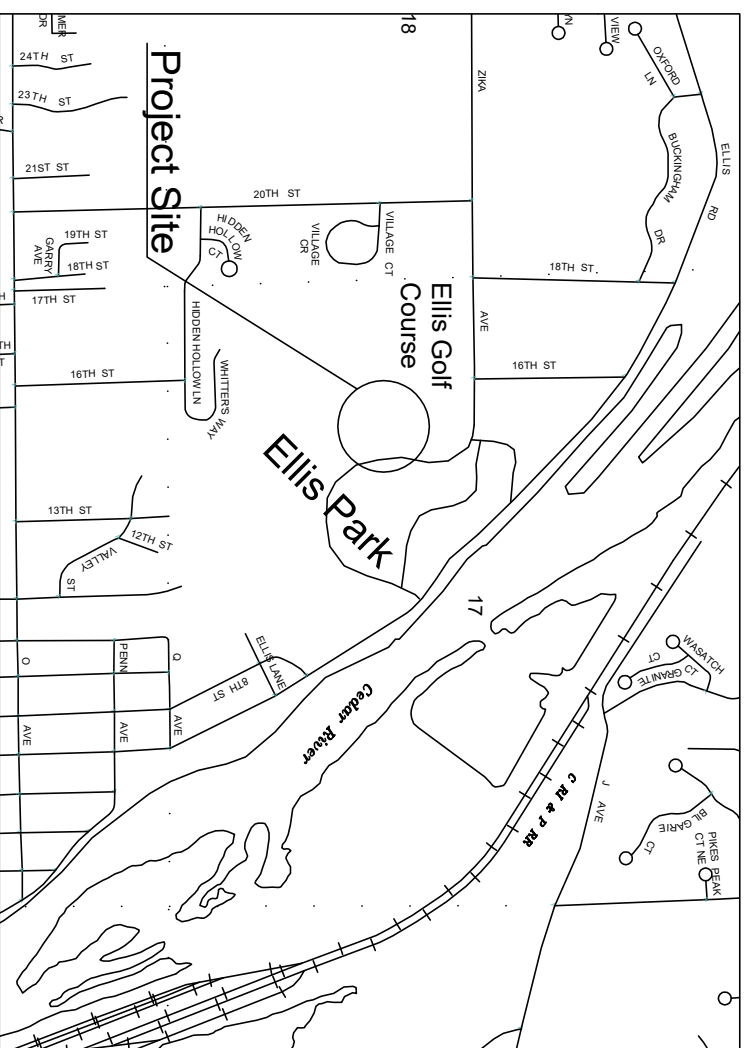
2017 - Ellis Golf Course Asphalt Parking Lot Overlay

City of Cedar Rapids, Iowa

Contract No. 695126-01

Utility & Emergency Numbers

Parks & Recreation Department	319-286-5750
Police Department	319-286-5491
Fire Department	319-286-5200
Emergency	911
Alliant Energy	319-786-1912
Mid American Energy	319-298-5155
Water Department	319-286-5910
Qwest Communications	319-399-7600



Location Map

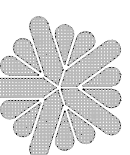
Not to Scale

Cedar Rapids Metropolitan Specifications

Sections most prevalent to this project	
Section 01400	Clearing and Demolition
Section 02000	Grading and Excavation
Section 02100	Subgrade and Sub base Preparation
Section 02700	Portland Cement Concrete Pavement
Section 02750	Hot Mix Asphalt Pavement
Section 02800	Miscellaneous Pavement Construction
Section 02850	Pavement Markings
Section 02900	Seeding

Mayor: Ron Corbett
City Council

Susie Weinacht	Ann Poe
Ralph Russell	Kris Gulick
Scott Overland	Pat Shey
Scott Olson	Justin Shields



CEDAR RAPIDS
City Of Five Seasons

Sheet Index

- Cover Sheet
- 1-3 Demolition / Removals
- 4-6 Proposed Improvements

Cedar Rapids Parks & Recreation Department

This Document is Recommended for Filing with the
City Clerk

Director, Parks & Recreation

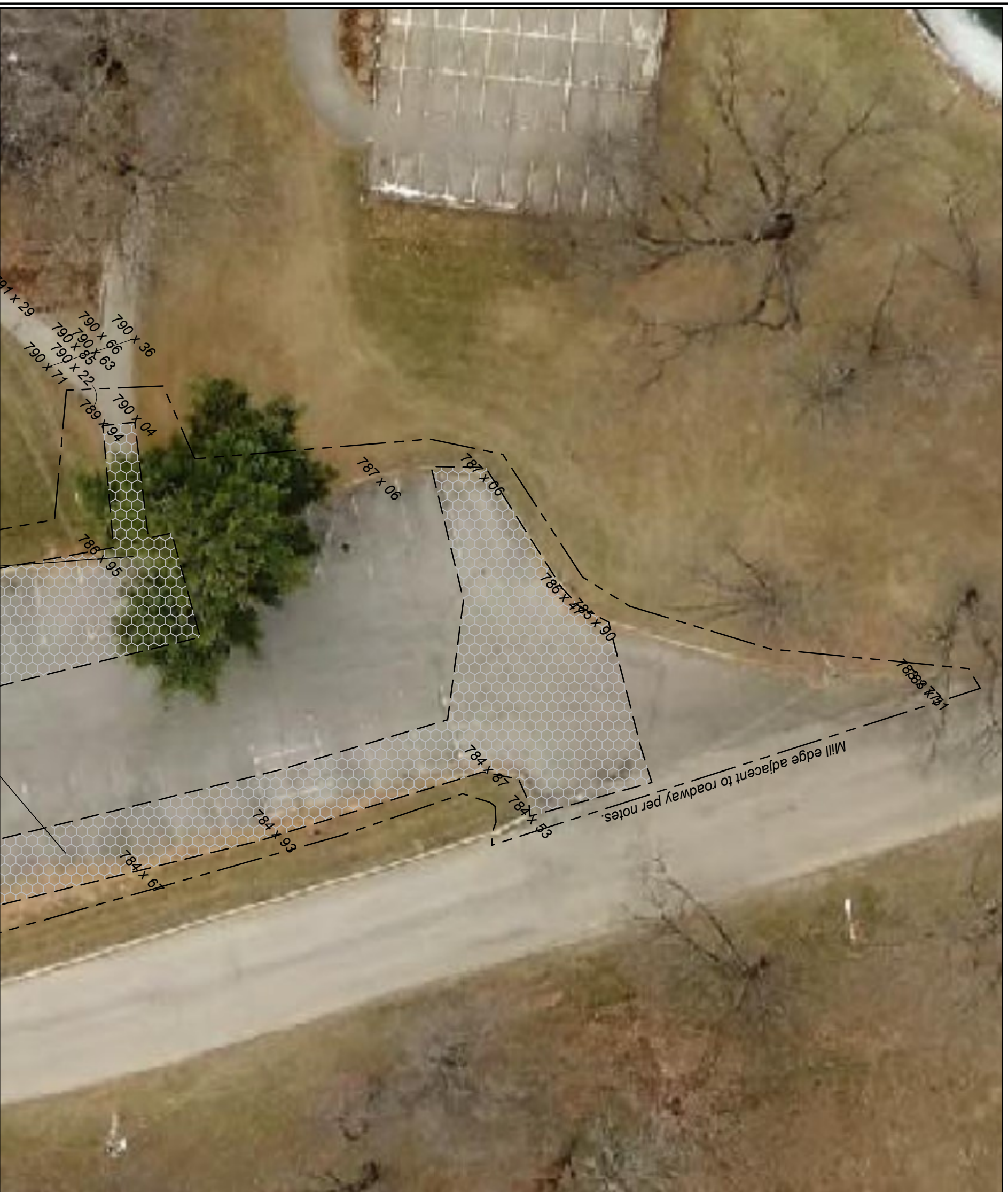
Date

Ellis Golf Parking Lot Repairs

1401 Zilka Avenue NW
 Cedar Rapids, Ia. 52405
Owner:
 City of Cedar Rapids Golf
 500 15th Avenue SW
 Cedar Rapids, Ia. 52404

Demolition Notes:

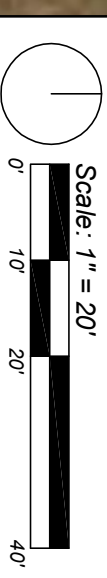
1. Contractor shall call Iowa One Call (1-800-292-8989) 48 hours in advance of any work commencing on the project.
2. Contractor shall locate and protect all existing structures and utilities during construction. Any damage to existing structures or utilities shall be repaired by the contractor to the satisfaction of the owner at the contractor's expense.
3. Contractor shall install orange construction fencing around work areas as needed during construction to keep the public out of construction areas.
4. The contractor for this project is responsible for working with the City of Cedar Rapids Parks and Recreation Department, Golf Division, to coordinate work as to alleviate any conflicts with Golf patrons and large outings.
5. Contractor is responsible for any construction staking and layout needed on the project. Contractor shall mark the elevations of the existing pavement in areas to be removed as needed to aid in placing patches and new overlay at correct elevations.
6. Contractor shall coordinate marking of removal areas with owner prior to removals.
7. Contractor shall remove existing asphalt (+/- 4-inches) and sub-base material full depth and dispose of off site.
8. Contractor shall remove existing curb stops and store on-site. In an area approved by the owner, for re-installation once project is complete.
9. Contractor shall remove existing sub-base material to allow for 6-inches of new granular sub-base material and 2-inches of asphalt base material to bring removal areas up to existing parking lot grades.
10. Where the parking lot overlay meets existing asphalt roadways or walkways, mill down a to depth of 1-1/2 inches for a width of 2.0 feet and place new asphalt in transition to match existing grades.
11. When working around trees adjacent to the existing parking lot care shall be taken to disturb the root structure of the tree as minimally as possible. Sub-base material thickness may be decreased in these areas with approval of the owner.
12. It is the responsibility of the contractor to review the plans in the field for accuracy before bidding.



Legend

- Existing / Proposed
- Edge of Asphalt
 - Asphalt Removal Area
 - P.C. Concrete ADA stalls

North



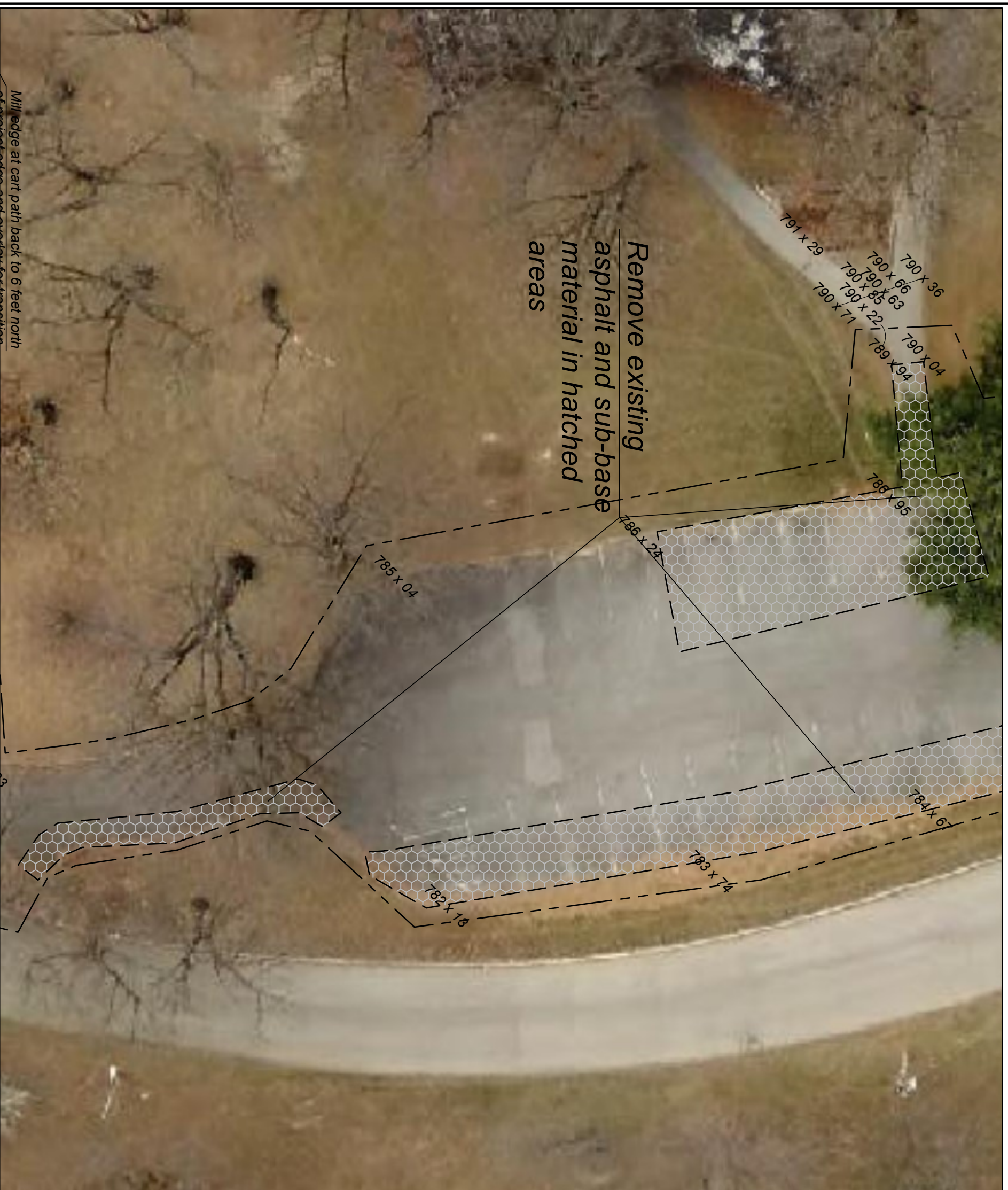
FILE NAME:	DRAWN BY:	NO.	REVISION DESCRIPTION	APPROVED	DATE	CEDAR RAPIDS City of Cedar Rapids	2017 - Ellis Golf Course Asphalt Parking Lot Overlay	Demolition / Removals	SHEET NO. 1 OF 6
	APPROVED BY:								

Ellis Golf Parking Lot Repairs

1401 Zilka Avenue NW
 Cedar Rapids, Ia. 52405
Owner:
 City of Cedar Rapids Golf
 500 15th Avenue SW
 Cedar Rapids, Ia. 52404

Demolition Notes:

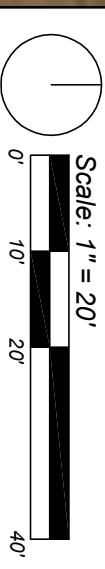
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Legend

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- Edge of Asphalt
- Asphalt Removal Area
- P.C. Concrete ADA stalls

North



FILE NAME:

DRAWN BY:
 APPROVED BY:

NO.

REVISION DESCRIPTION

APPROVED

DATE

CEDAR RAPIDS
 CITY OF THE SOUVAINS

2017 - Ellis Golf Course
 Asphalt Parking Lot Overlay

FILE NO: 695126

Demolition / Removals

SHEET NO.
 2
 OF
 6

Ellis Golf Parking Lot Repairs

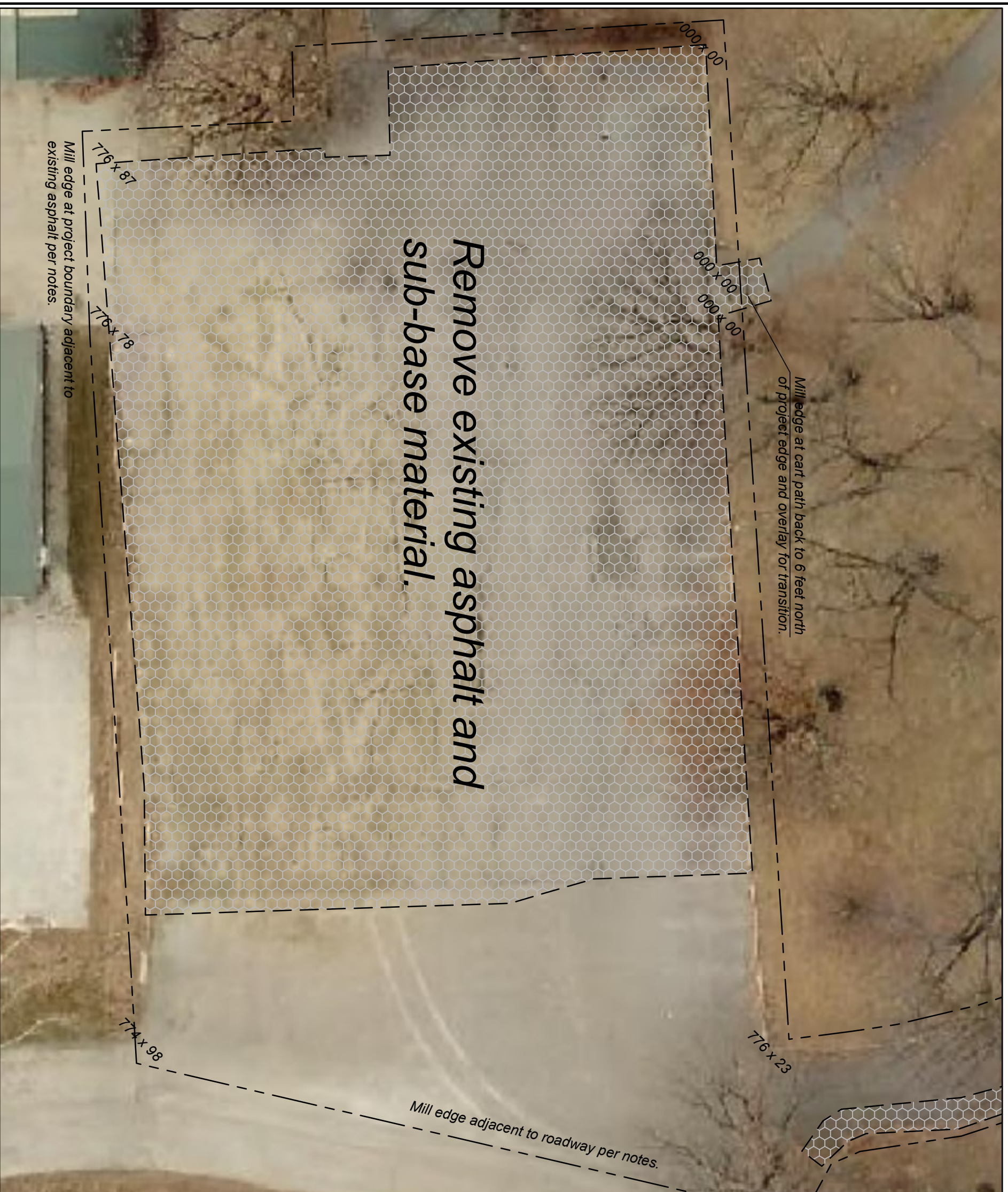
1401 Zilka Avenue NW
Cedar Rapids, Ia. 52405

Owner:

City of Cedar Rapids Golf
500 15th Avenue SW
Cedar Rapids, Ia. 52404

Demolition Notes:

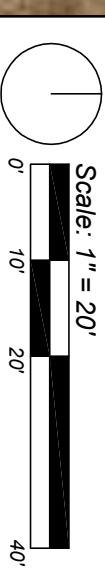
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- Edge of Asphalt
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 - P.C. Concrete ADA stalls

North



FILE NAME:

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NO.

REVISION DESCRIPTION

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DATE

CEDAR RAPIDS
City of Two Seasons

2017 - Ellis Golf Course
Asphalt Parking Lot Overlay

FILE NO: 695126

Demolition / Removals

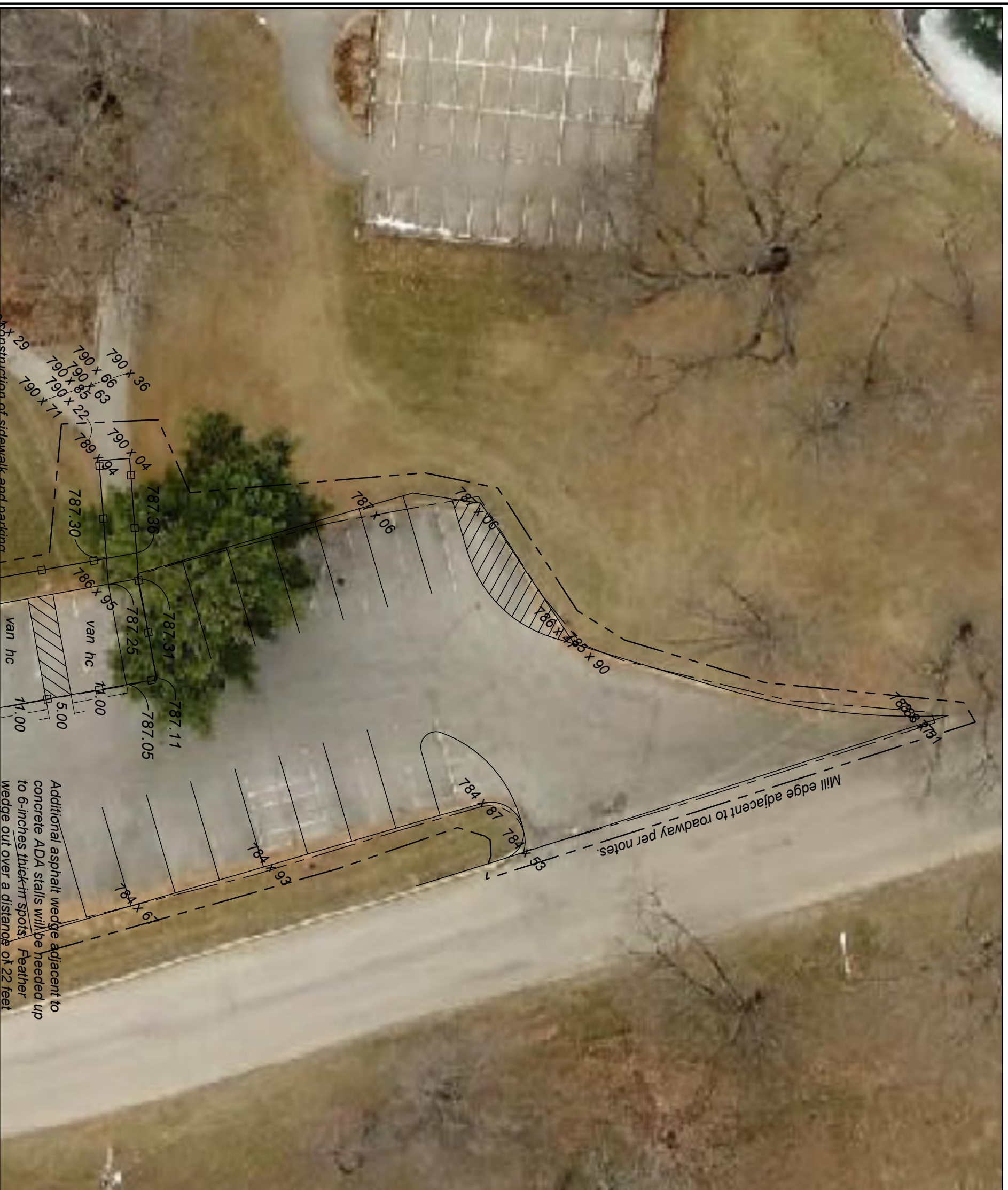
SHEET NO.
3 OF 6

Ellis Golf Parking Lot Repairs

1401 Zilka Avenue NW
 Cedar Rapids, Ia. 52405
Owner:
 City of Cedar Rapids Golf
 500 15th Avenue SW
 Cedar Rapids, Ia. 52404

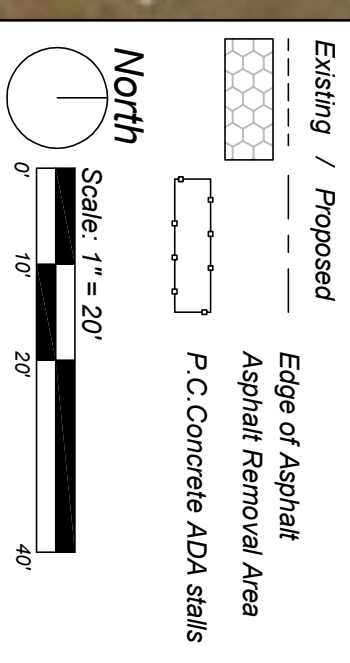
Paving Notes:

1. All construction shall be in accordance with Cedar Rapids Metropolitan Standard Specifications for Public Improvements and all applicable building codes.
2. In removal areas Contractor shall compact existing sub-grade to 95% standard proctor density.
3. Once sub-grade has been compacted Contractor shall install 6-inches minimum of 1-inch road stone and compact to Metro Specifications.
4. Upon compaction of the sub-base Contractor shall install 2-inches of asphalt base material in removal areas to bring areas up to existing parking lot grade.
5. Clean parking lot surfaces and place bituminous binder over parking lot area to be resurfaced.
6. All Asphalt shall be PG 58-28 in a 1/2-inch mixture.
7. Place asphalt leveling course across entire lot being resurfaced then place asphalt surface course across entire lot being resurfaced. Nominal thickness of asphalt leveling and surface courses to be 3-inches thick.
8. Once asphalt surface has been installed re-stripe the parking lot as shown on the plans per Metro Specifications. When striping of lot is complete Contractor shall re-install (place and pin) existing curb stops starting with the upper lot and working down to the lower lot.
9. Contractor shall supply and place black dirt as needed along the edge of the overland parking lot to bring adjacent grassed areas up to parking lot grade.
10. Contractor shall seed all areas disturbed during construction. Use Type 1-b lawn mixture per Metro Specifications.
11. P.C. Concrete ADA parking stalls and aisles as well as adjacent sidewalks as shown on the plans shall be 5-inches thick P.C. Concrete on top of 6-inches of compacted 1-inch road stone sub-base with a compacted sub-grade similar to adjacent parking lot removal areas. P.C. Concrete walkway heading towards the clubhouse shall be 4-inches thick on a compacted 4-inch granular sub-base of 1-inch road stone.
12. Asphalt overlay adjacent to the P.C. Concrete parking stalls may be up to 6-inches thick in some areas. Asphalt shall transition from the edge of the concrete stalls out to the 3-inch overlay over the 22 foot distance of the parking lot aisle. Each side of the concrete stalls to the north and south shall transition to the 3-inch overlay in a similar manner.
13. All pavement markings shall be painted 4-inch yellow lines. ADA stalls shall have a universal ADA symbol painted on the stall.
14. Contractor shall install ADA signs for parking stalls per current ADA standards. Verify with owner before installation.



Additional asphalt wedge adjacent to concrete ADA stalls will be needed up to 6-inches thick in spots. Feather wedge out over a distance of 22 feet

FILE NAME:	DRAWN BY:	APPROVED BY:	NO.	REVISION DESCRIPTION	APPROVED	DATE	CEDAR RAPIDS City of Cedar Rapids	2017 - Ellis Golf Course Asphalt Parking Lot Overlay	FILE NO: 695126	SHEET NO. 4 OF 6
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Proposed Improvements

Ellis Golf Parking Lot Repairs

1401 Zilka Avenue NW
 Cedar Rapids, Ia. 52405
Owner:
 City of Cedar Rapids Golf
 500 15th Avenue SW
 Cedar Rapids, Ia. 52404

Paving Notes:

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- Clean parking lot surfaces and place bituminous binder over parking lot area to be resurfaced.
- All Asphalt shall be PG 58-28 in a 1/2-inch mixture.
- Place asphalt leveling course across entire lot being resurfaced then place asphalt surface course across entire lot being resurfaced. Nominal thickness of asphalt leveling and surface courses to be 3-inches thick.
- Once asphalt surface has been installed re-stripe the parking lot as shown on the plans per Metro Specifications. When striping of lot is complete Contractor shall re-install (place and pin) existing curb stops starting with the upper lot and working down to the lower lot.
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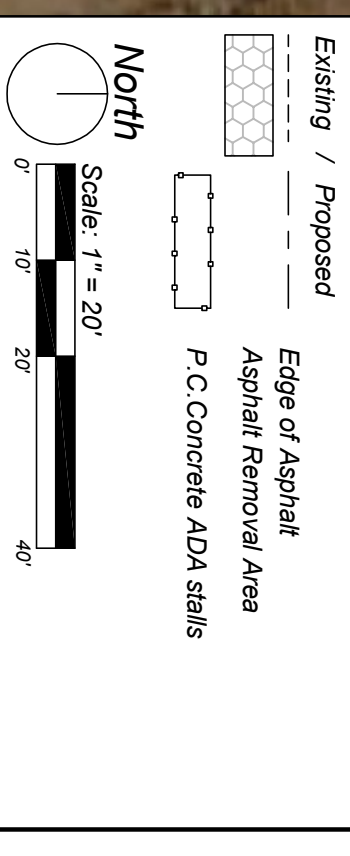
NO.	REVISION DESCRIPTION	APPROVED	DATE



2017 - Ellis Golf Course
 Asphalt Parking Lot Overlay

Proposed Improvements

SHEET NO. 5 OF 6



Ellis Golf Parking Lot Repairs

1401 Zilka Avenue NW
 Cedar Rapids, Ia. 52405
Owner:
 City of Cedar Rapids Golf
 500 15th Avenue SW
 Cedar Rapids, Ia. 52404

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	APPROVED BY:						Proposed Improvements	6

