

Overall Site Plan and Grading Exhibits

Xref: xgl-1-dh01; XCS=BASE; XCS=DSGN; XCS=PARCELS; XCS=ROW; XDX=IMAGE; XCS=BLDG=INDEX; XCP=PART; XCG=CONSTRUCTION-LIMITS; XCL=STRM; XVS=GIS-100YR-FLOOD



OWNER: WILLIE E & DONNA M SEE
 GEOPARCEL ID: 1131200110
 LEGAL: NW NE N330' E660'
 SECTION: 31 TOWNSHIP: 85 RANGE: 22

OWNER: CITY OF NEVADA
 GEOPARCEL ID: 1131200305
 ORCHARD VIEW SD LOT: 1
 SECTION: 31 TOWNSHIP: 85 RANGE: 22
 ACRES: 122.6200
 BK: 2019 EG: 05771

FEMA 100 YR
 FLOOD HAZARD,
 MAP NUMBER
 1916900305E,
 EFFECTIVE ON
 02/20/2008

STRUCTURE KEY	
120	ADMINISTRATION/VEHICLE STORAGE/ELECTRICAL CONTROL
210	HEADWORKS
320	OXIDATION DITCHES
350	SECONDARY TREATMENT
360	CHEMICAL STORAGE
380	CLARIFIERS
390	RETURN PUMP STATION
420	UV DISINFECTION
520	AEROBIC DIGESTERS
550	SOLIDS PROCESSING
570	BIOSOLIDS PUMPING
580	BIOSOLIDS STORAGE

SITWORK
OVERALL SITE PLAN
 SCALE: 1"=150'



PRELIMINARY
NOT FOR CONSTRUCTION

DRAWN BY: VALUE	JOB DATE: 2020	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: VALUE	JOB NUMBER: 160473	0" = 1"
CAD DATE: 5/4/2020 10:56:33 AM		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2016\160473\CAD\Dwgs\G\G.09 OVERALL SITE PLAN.dwg		

NO.	DATE	BY	REVISION DESCRIPTION

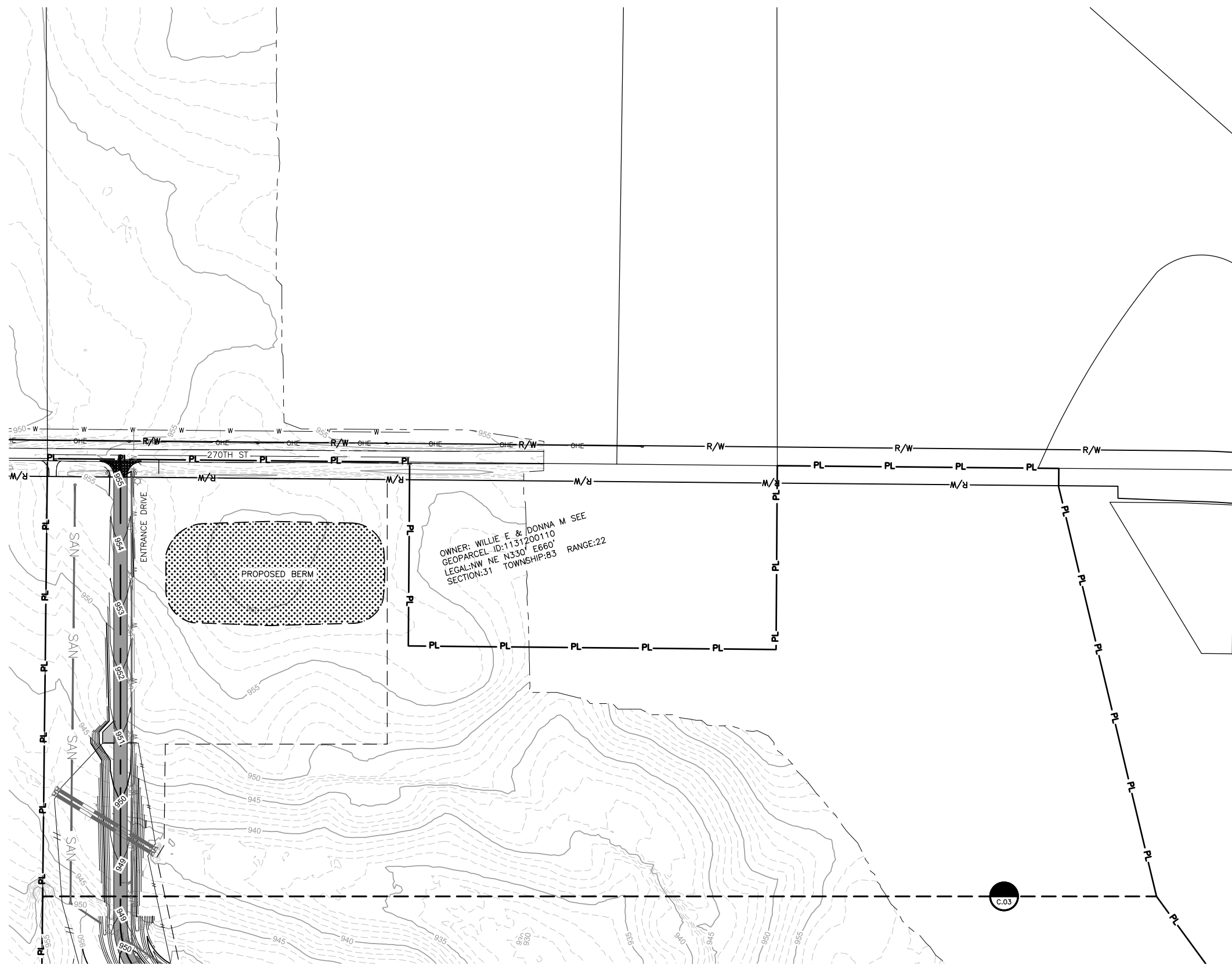


NEVADA WWTF IMPROVEMENTS
CITY OF NEVADA
 NEVADA, IOWA

GENERAL
OVERALL SITE PLAN

SHEET NO.
G.09

Xref: xgl-1-dh01; XCS-BASE; XCS-DSON; XCS-PARCELS; XCS-ROW; XCS-VIEWFRAME; XCG-CONT-FG; XCU-ELEC; XCP-PATT; XCU-WATR; XCU-SANI; XCU-STRM; XCT-ALIGNMENT; XVG-CONT-EG; XCG-CONSTRUCTION-LIMITS; XLS-PATT; XLS-DSGN



1 SITEWORK
ENTRANCE GRADING PLAN
 SCALE: 1"=100'



PRELIMINARY
 NOT FOR CONSTRUCTION

DRAWN BY: CMB, JST JOB DATE: 2020
 APPROVED: MAR JOB NUMBER: 160473
 CAD DATE: 5/4/2020 11:40:53 AM
 CAD FILE: J:\2016\160473\CAD\Dwgs\C\C.02 ENTRANCE GRADING PLAN.dwg

BAR IS ONE INCH ON
 OFFICIAL DRAWINGS:
 0" = 1"

IF NOT ONE INCH,
 ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

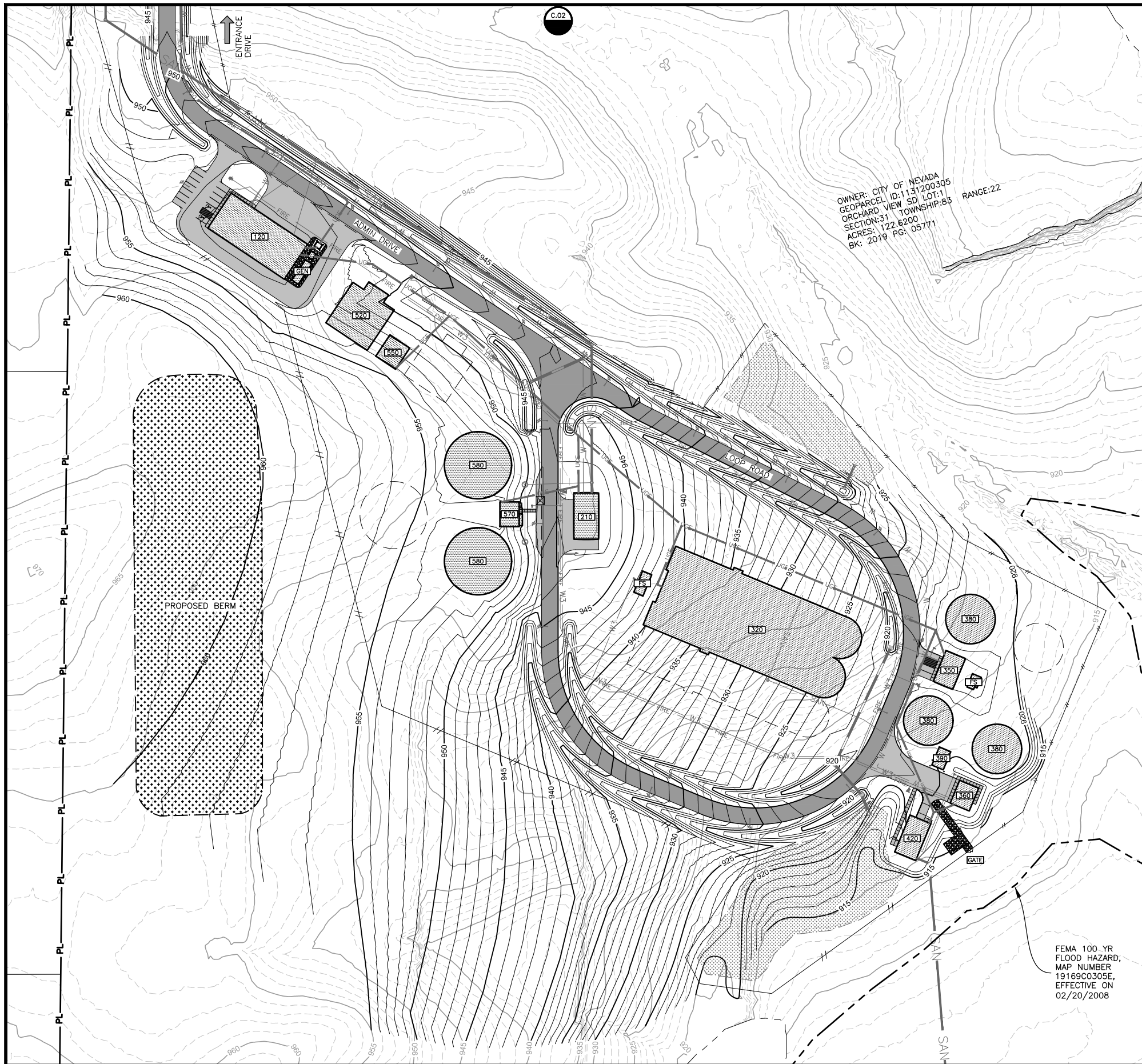


NEVADA WWTF IMPROVEMENTS
 CITY OF NEVADA
 NEVADA, IOWA

SITE WORK
ENTRANCE GRADING PLAN

SHEET NO.
C.02

Xrefs: xgl-1-dh01: XCS-BASE; XCS-DSON; XCS-PARCELS; XCS-RDW; XCS-BLDG-INDEX; XCS-CONT-FG; XCP-PATT; XCU-ELEC; XCU-SANI; XCU-STRM; XCU-WATR; XWG-CONT-EG; XLS-DSGN; XLS-PATT; XWS-GIS-100YR-FLOOD



OWNER: CITY OF NEVADA
 GEOPARCEL ID: 1131200305
 ORCHARD VIEW SD LOT: 1
 SECTION: 31 TOWNSHIP: 83 RANGE: 22
 ACRES: 122.6200
 BK: 2019 PG: 05771

FEMA 100 YR
 FLOOD HAZARD,
 MAP NUMBER
 19169C0305E,
 EFFECTIVE ON
 02/20/2008

**SITWORK
 PLANT GRADING PLAN**
 SCALE: 1" = 80'



STRUCTURE KEY	
120	ADMINISTRATION/VEHICLE STORAGE/ELECTRICAL CONTROL
210	HEADWORKS
320	OXIDATION DITCHES
350	SECONDARY TREATMENT
360	CHEMICAL STORAGE
380	CLARIFIERS
390	RETURN PUMP STATION
420	UV DISINFECTION
520	AEROBIC DIGESTERS
550	SOLIDS PROCESSING
570	BIOSOLIDS PUMPING
580	BIOSOLIDS STORAGE

**PRELIMINARY
 NOT FOR CONSTRUCTION**

DRAWN BY: CMB, JST
 APPROVED: MAR
 CAD DATE: 5/4/2020 1:18:25 PM
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 OFFICIAL DRAWINGS.
 IF NOT ONE INCH,
 ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION



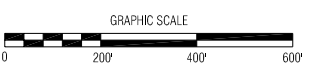
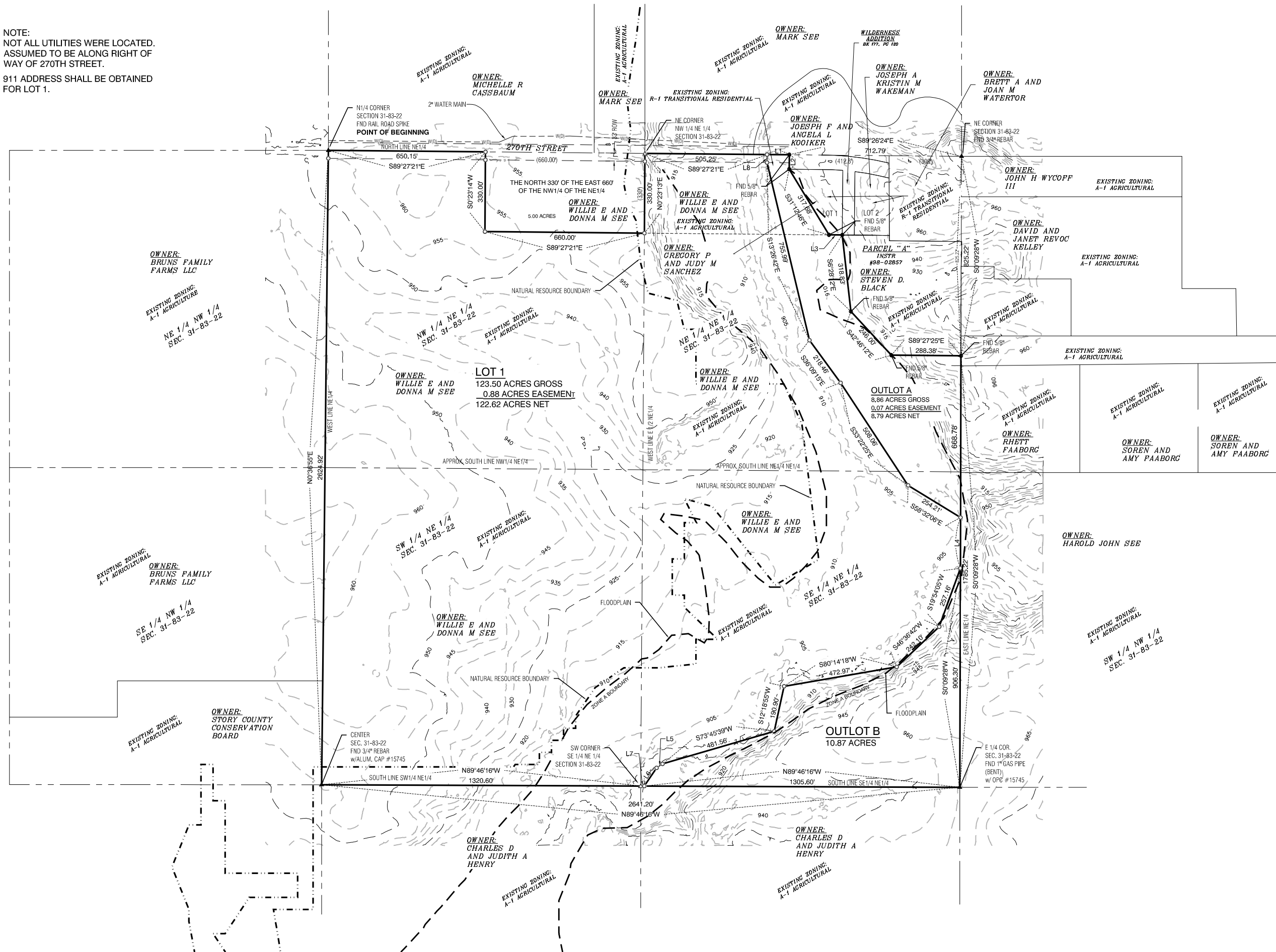
NEVADA WWTF IMPROVEMENTS
 CITY OF NEVADA
 NEVADA, IOWA

SITE WORK
PLANT GRADING PLAN

SHEET NO.
C.03

Natural Resources Exhibits

NOTE:
 NOT ALL UTILITIES WERE LOCATED.
 ASSUMED TO BE ALONG RIGHT OF
 WAY OF 270TH STREET.
 911 ADDRESS SHALL BE OBTAINED
 FOR LOT 1.



NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE

CGA Clapsaddle-Garber Associates, Inc.
 116 East Main Street
 Marshalltown, Iowa 50158
 Ph 641-752-6701
 www.cgaconsultants.com

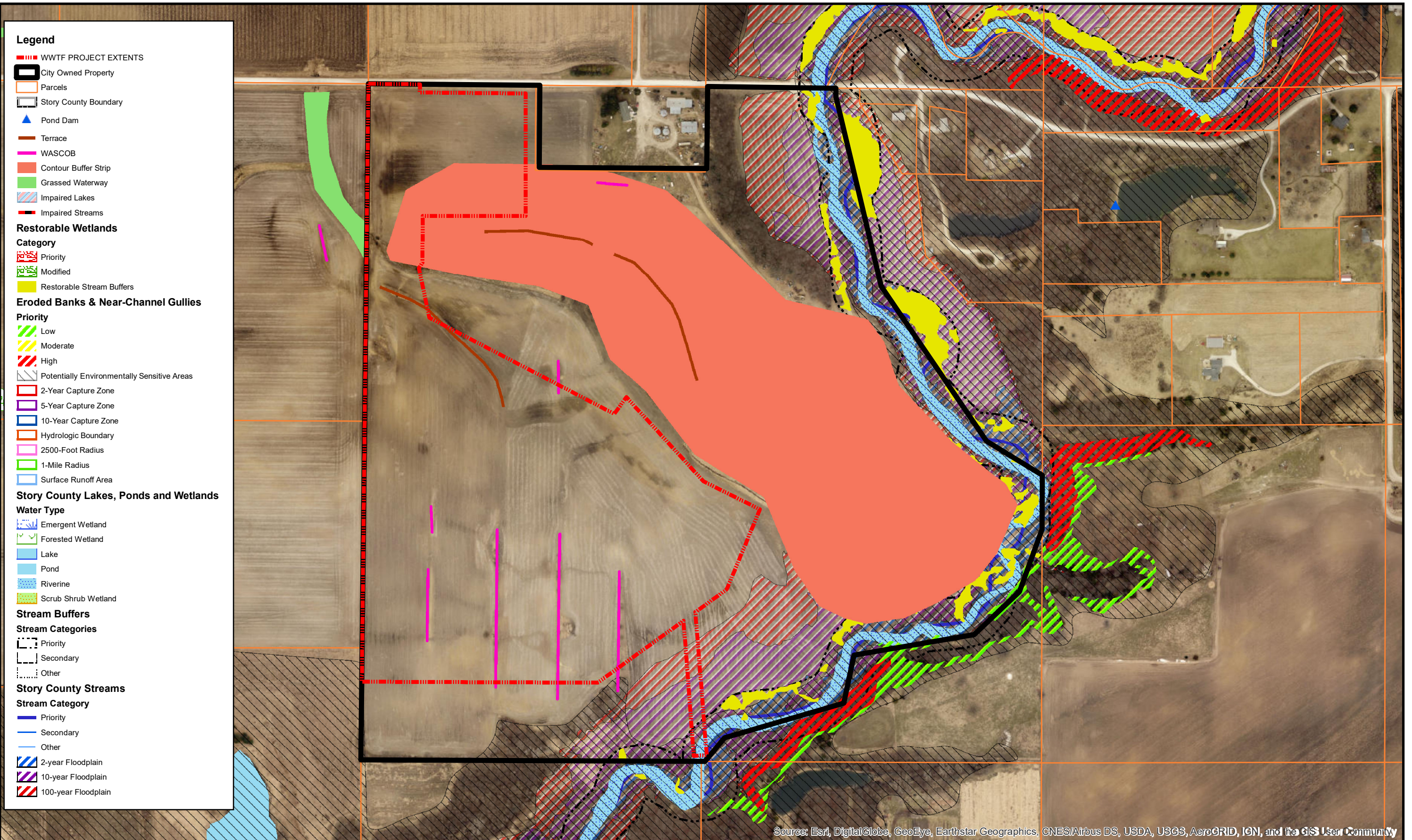
DESIGNED: - DATE: -
 DRAWN: JDR DATE: 3-14-2017
 CHECKED: IRS DATE: 3-14-2017
 APPROVED: IRS DATE: 3-14-2017

ORCHARD VIEW SUBDIVISION
 NEVADA, IOWA

MINOR PLAT

PROJECT NO.
 77253.05
 SHEET NO.
 2 OF 3

J:\77253.dwg Survey\77253 Minor Plat Sheet 3.dwg - Sheet 3 - 04-26-17 - 4:13pm - mac281



Legend

- ▬▬▬▬ WWTF PROJECT EXTENTS
- City Owned Property
- Parcels
- Story County Boundary
- ▲ Pond Dam
- Terrace
- WASCOB
- Contour Buffer Strip
- Grassed Waterway
- Impaired Lakes
- Impaired Streams

Restorable Wetlands

Category

- Priority
- Modified
- Restorable Stream Buffers

Eroded Banks & Near-Channel Gullies

Priority

- Low
- Moderate
- High

- Potentially Environmentally Sensitive Areas
- 2-Year Capture Zone
- 5-Year Capture Zone
- 10-Year Capture Zone
- Hydrologic Boundary
- 2500-Foot Radius
- 1-Mile Radius
- Surface Runoff Area

Story County Lakes, Ponds and Wetlands

Water Type

- Emergent Wetland
- Forested Wetland
- Lake
- Pond
- Riverine
- Scrub Shrub Wetland

Stream Buffers

Stream Categories

- Priority
- Secondary
- Other

Story County Streams

Stream Category

- Priority
- Secondary
- Other
- 2-year Floodplain
- 10-year Floodplain
- 100-year Floodplain

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Drawn By: WRUBLE Job Date: 2020
 Approved: X.X.X. Job Number: XXXXXXXX
 GIS Date: 5/4/2020 1:36:11 PM
 GIS File: Natural Resources Exhibit_ACPF Layers

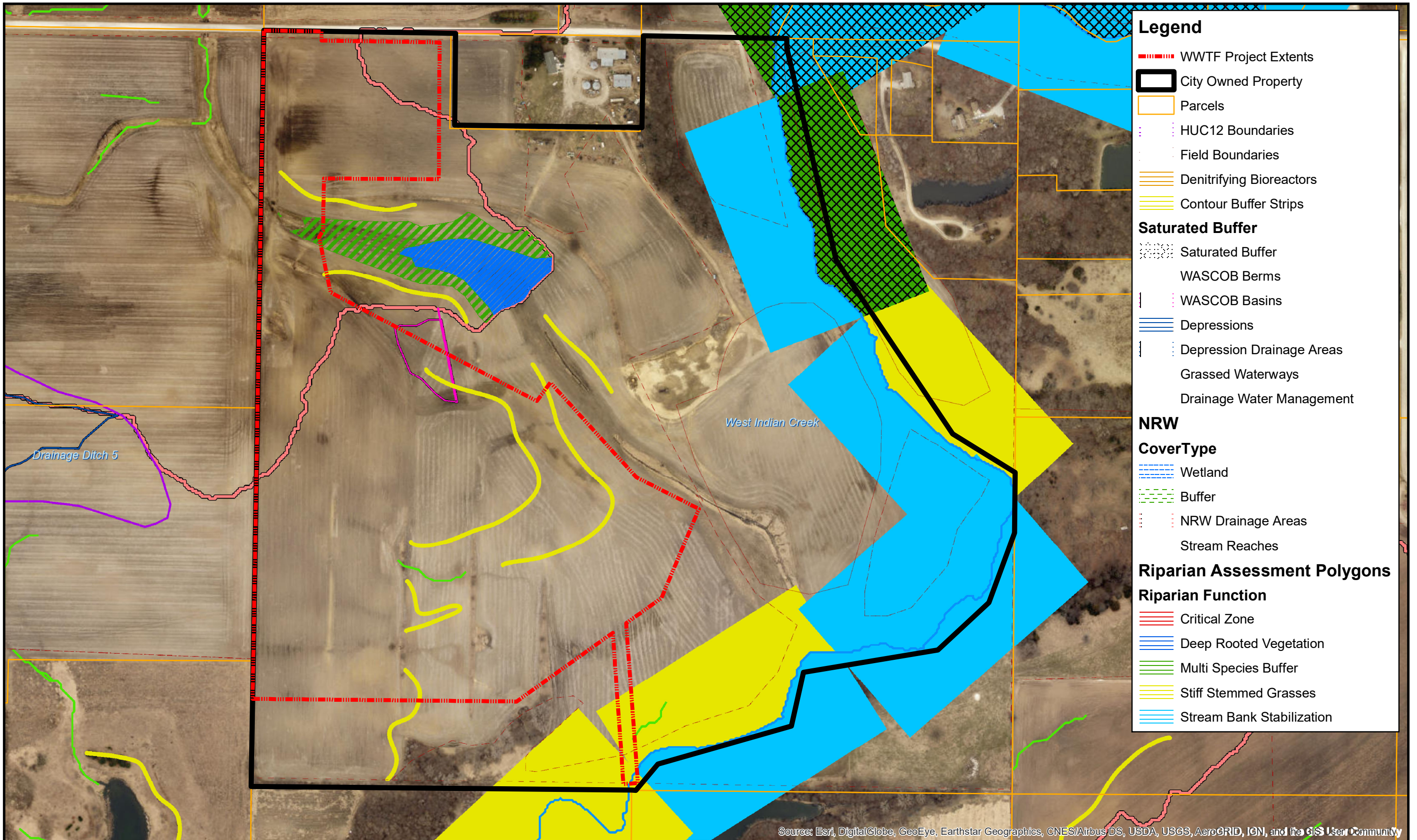
NO.	DATE	BY	REVISION DESCRIPTION



NEVADA WWTF IMPROVEMENTS PROJECT
 NEVADA, IOWA
 2020

NATURAL RESOURCES
 ACPF NATURAL RESOURCES LAYERS

SHEET NO.
XX



- Legend**
- ▬▬▬▬ WWTF Project Extents
 - City Owned Property
 - Parcels
 - HUC12 Boundaries
 - Field Boundaries
 - Denitrifying Bioreactors
 - Contour Buffer Strips
- Saturated Buffer**
- Saturated Buffer
 - WASCOB Berms
 - WASCOB Basins
 - Depressions
 - Depression Drainage Areas
 - Grassed Waterways
 - Drainage Water Management
- NRW**
- CoverType**
- Wetland
 - Buffer
 - NRW Drainage Areas
 - Stream Reaches
- Riparian Assessment Polygons**
- Riparian Function**
- Critical Zone
 - Deep Rooted Vegetation
 - Multi Species Buffer
 - Stiff Stemmed Grasses
 - Stream Bank Stabilization

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Drawn By: WRUBLE Job Date: 2020
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NO.	DATE	BY	REVISION DESCRIPTION

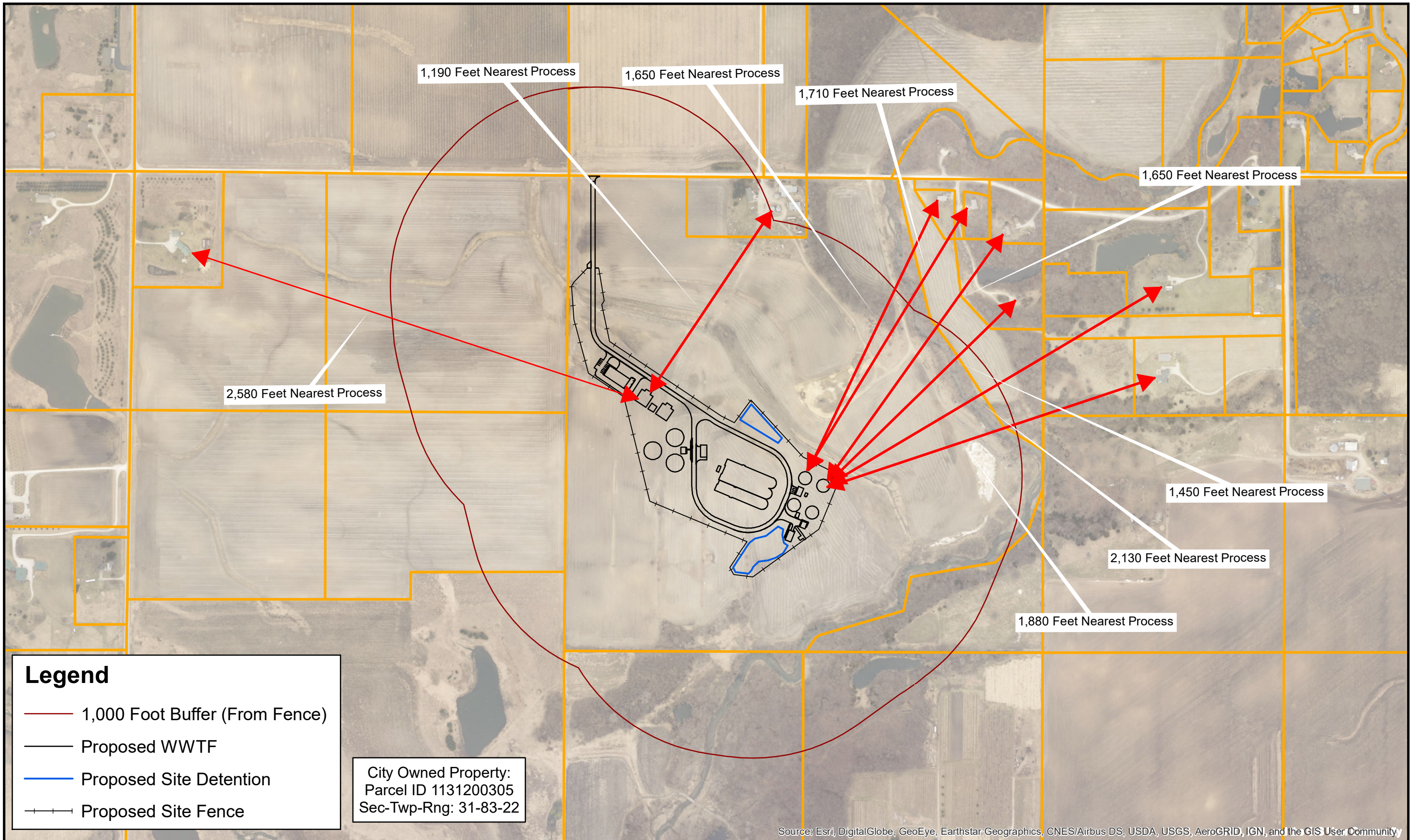


NEVADA WWTF IMPROVEMENTS PROJECT
 NEVADA, IOWA
 2020

NATURAL RESOURCES
 PROJECT/RESTORATION ACPF LAYERS

SHEET NO.
XX

WWTF Site Separation Exhibit



Legend

- 1,000 Foot Buffer (From Fence)
- Proposed WWTf
- Proposed Site Detention
- - - Proposed Site Fence

City Owned Property:
 Parcel ID 1131200305
 Sec-Twp-Rng: 31-83-22

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Drawn By: WRUBLE Job Date: 2020
 Approved: X.X.X. Job Number: XXXXXXX
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NO.	DATE	BY	REVISION DESCRIPTION

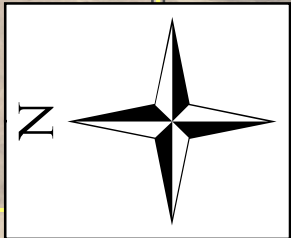
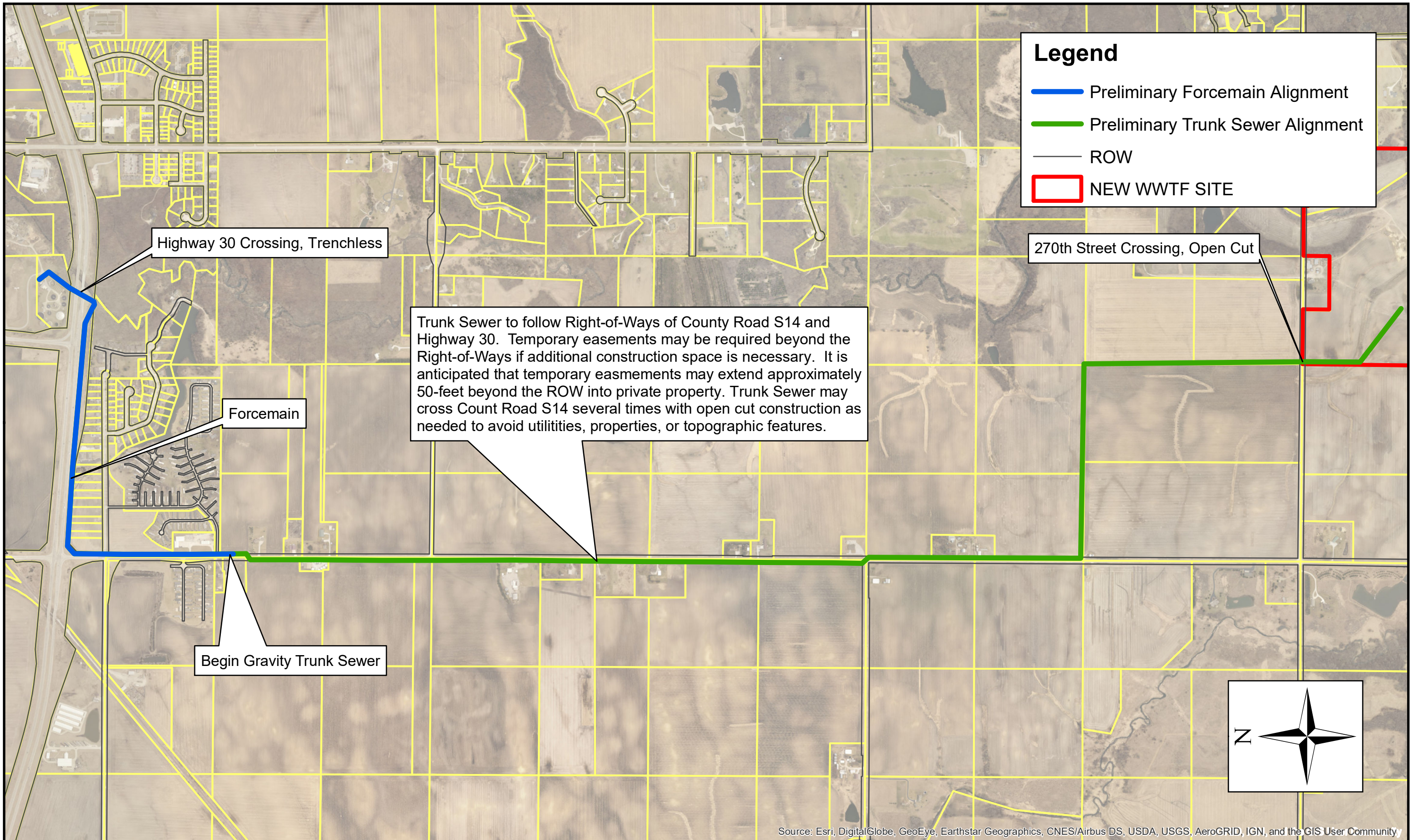


NEVADA WWTf
 NEVADA, IOWA
 2020

NEVADA WWTf
 WWTf SITE SEPARATION

SHEET NO.
00

Preliminary Trunk Sewer Exhibit



Drawn By: WRUBLE Job Date: 2020
 Approved: X.X.X. Job Number: XXXXXXXX
 GIS Date: 5/5/2020 9:11:23 AM
 GIS File: Preliminary Trunk Sewer

NO.	DATE	BY	REVISION DESCRIPTION



NEVADA WWTF
 NEVADA, IOWA
 2020

GENERAL
 PRELIMINARY TRUNK SEWER ALIGNMENT

SHEET NO.
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