



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

# PUBLIC NOTICE

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Applicant: City of Nevada

Date: September 18, 2023

Expires: October 11, 2023

CEMVR-RD-2023-817

Section 404

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

1. **Applicant:** City of Nevada, POC Mr. Tim Hansen, 1209 6<sup>th</sup> Street, Nevada, Iowa 50201.
2. **Project Location:** The proposed project is located on West Indian Creek and a tributary to West Indian Creek in Section 7, Township 83 North, Range 22 West and Section 12, Township 83 North, Range 23 West, Story County, Iowa within the City of Nevada. Lat. 42.0199, Lon. -93.4647.

**3. Project Description:**

A. The Applicant has proposed two separate but related streambank protection projects that are sponsored by the Iowa State Revolving Fund which received funds from the U.S. Environmental Protection Agency.

1) Project A is on the main stem of West Indian Creek and includes the stabilization of West Indian Creek from approximately 750 feet downstream of West Lincoln Highway to approximately 650 feet upstream of E Avenue. This project is approximately 4100 feet long and techniques used will include stone toe protection, bio-engineering techniques, floodplain benches, large wood debris and cross vane weirs to reduce erosion.

2) Project B is located on a tributary of West Indian Creek. This project will stabilize approximately 1300 feet along the tributary and will include the same strategies as West Indian Creek. Techniques used will include stone toe protection, bio-engineering techniques, floodplain benches, large wood debris and cross vane weirs to reduce erosion.

B. Avoidance and Minimization. The Applicant provided the following Avoidance and Minimization Statement. The project avoids and minimizes impacts to the extent practicable within a largely urban stream corridor and will protect existing adjacent infrastructure and property while restoring West Indian Creek largely within its current alignment. The project avoids piping any stream and will limit bank erosion further protecting this project reach and downstream reaches of West Indian Creek. 4300 linear feet of stream is present currently and 4257 linear feet of stream will be open when completed. The slight shortening of the stream alignment results from some of the

existing unstable meanders being more of an S-shape and the proposed more stable alignment designed per the Iowa River Restoration Toolbox (IRRT) is more of a gradual meander Stream and wetland impacts were minimized using bioengineering techniques for streambank stabilization including soil lifts, floodplain benches, native vegetation restoration, large woody debris, and cross veins weirs where stone or other hardscape material would provide similar bank stabilization.

C. Impacts/mitigation. This project will result in the stabilization of approximately 5400 feet of stream through restorative techniques. Mitigation is not required for this project.

4. **Agency Review.** 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 East 9<sup>th</sup> 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).

5. **Historical/Archaeological.** This project is a State sponsored project through the Iowa State Revolving Fund. All Section 106 coordination will be handled by the State Revolving Fund as the lead Federal Agency because funding is provided by the U.S. Environmental Protection Agency.

6. **Endangered Species.** This project is a State sponsored project through the Iowa State Revolving Fund. All Section 7 coordination will be handled by the State Revolving Fund as the lead Federal Agency because funding is provided by the U.S. Environmental Protection Agency.

7. **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).

8. **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.

9. **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.

**10. 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.

**11. Reply to the Corps of Engineers.** Comments concerning the Corps permit should be addressed to the District Engineer, U. S. Army Corps of Engineers, Rock Island District, ATTN: RD (Frohlich), Clock Tower Building - Post Office Box 2004, Rock Island, Illinois 61204-2004. For additional information contact **Albert Frohlich** at **(309/794-5859)** or email at [Albert.J.Frohlich@usace.army.mil](mailto:Albert.J.Frohlich@usace.army.mil).



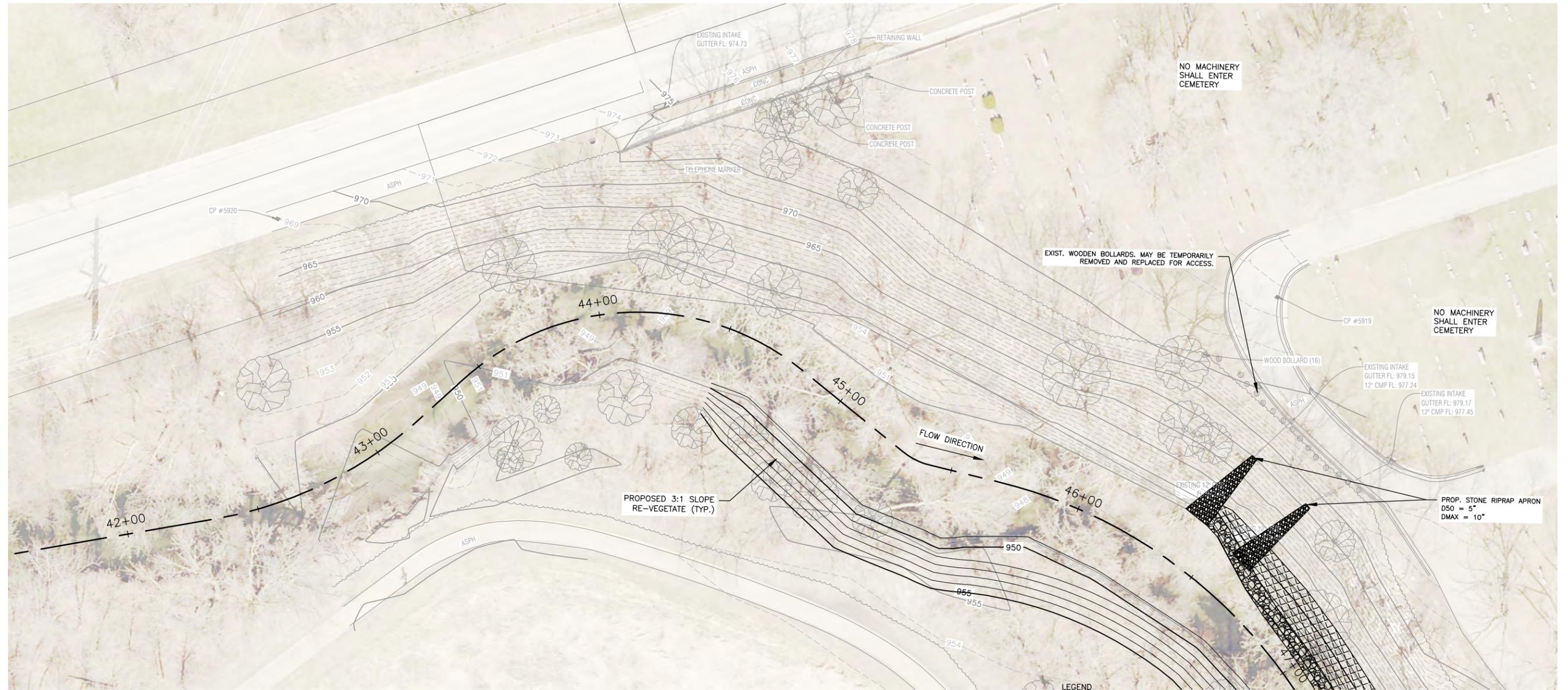
Attach  
Plans

Mr. Albert J. Frohlich  
Project Manager, Western Branch  
Regulatory Division

- 1) Location Map
- 2) Plan View
- 3) Cross Section

**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

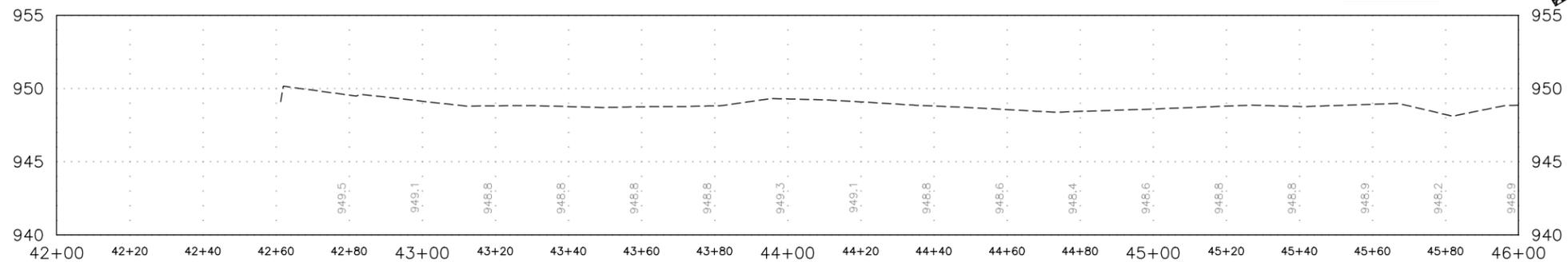


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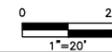


LEGEND

- STONE TOE
- RIPRAP APRON
- LARGE WOODY DEBRIS
- SOIL LIFTS
- CROSS VANE WEIR



**2 PROFILE**  
SCALE: 1" = 20'



65% DESIGN SET

PRELIMINARY  
NOT FOR CONSTRUCTION

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NO.	DATE	BY	REVISION DESCRIPTION

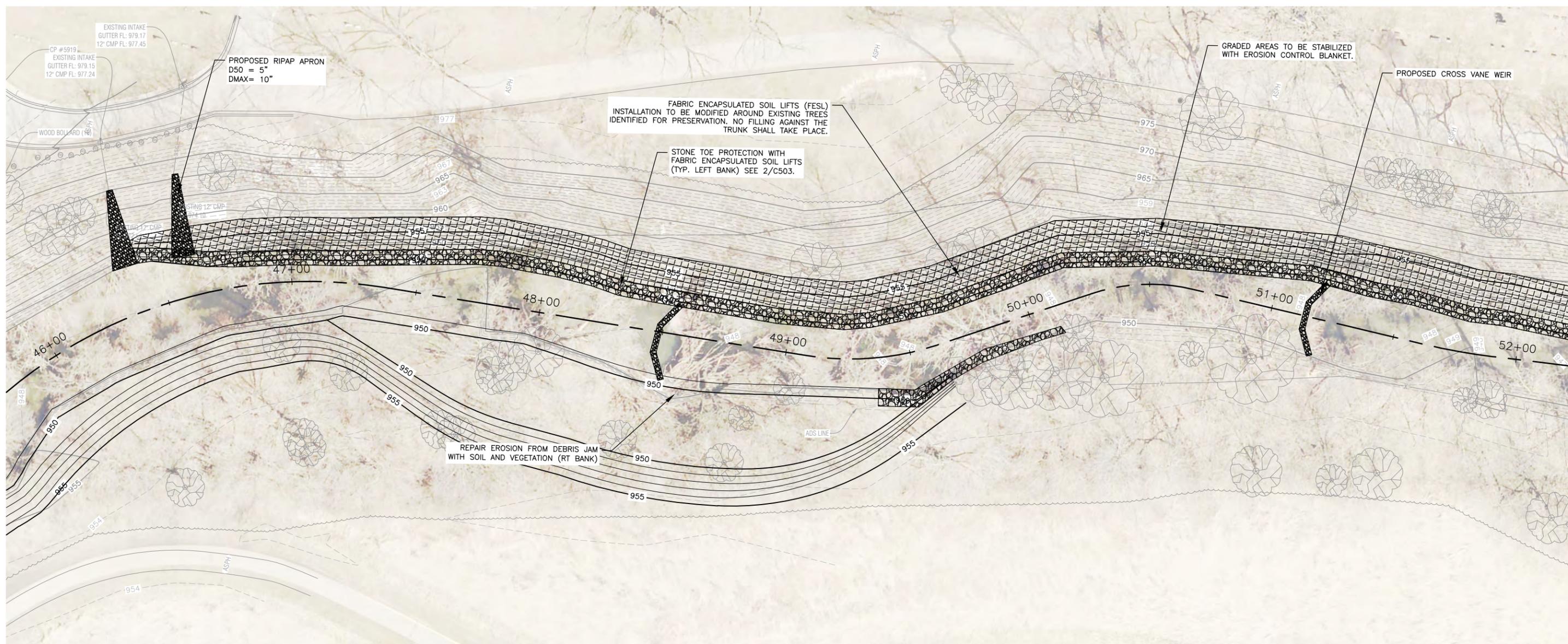


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CITY OF NEVADA IOWA  
NEVADA, IOWA

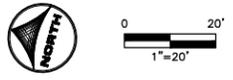
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SHEET NO.  
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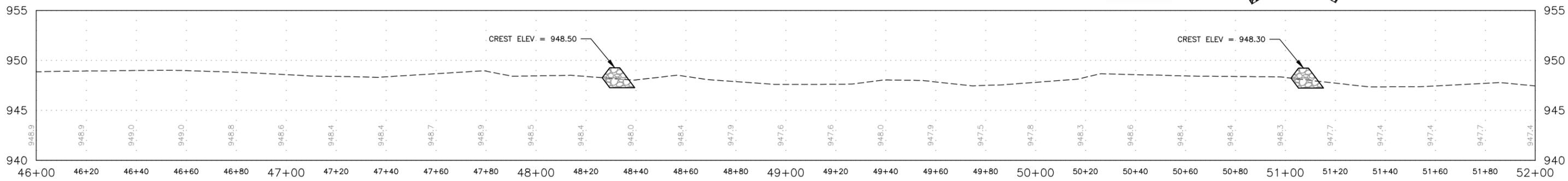


**1 PLAN**  
SCALE: 1" = 20'



**LEGEND**

- STONE TOE
- RIPRAP APRON
- SOIL LIFTS
- CROSS VANE WEIR
- LARGE WOODY DEBRIS



**2 PROFILE**  
SCALE: 1" = 20'

**65% DESIGN SET**  
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NO.	DATE	BY	REVISION DESCRIPTION

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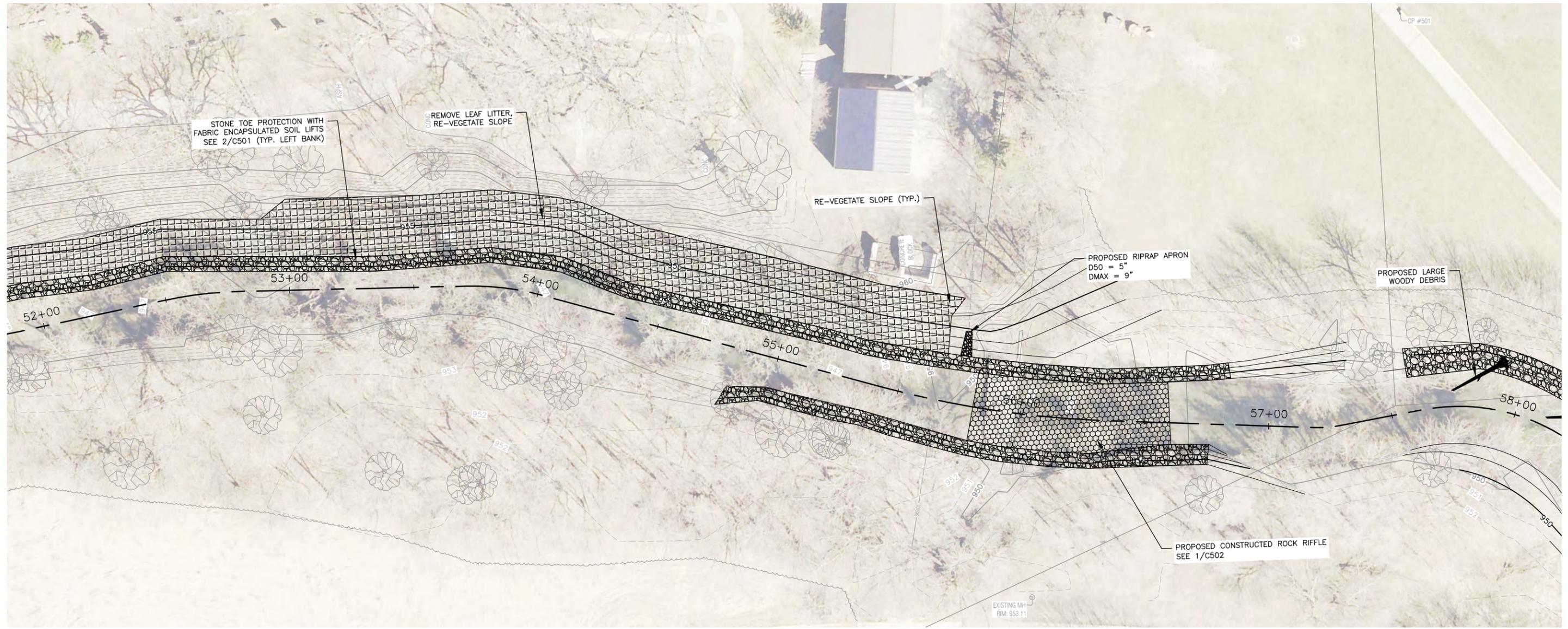
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CITY OF NEVADA IOWA  
NEVADA, IOWA

CIVIL  
**PLAN & PROFILE - STA 46+00 TO 52+00**

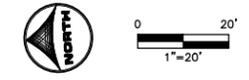
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XC-2-SURF; XV-2-BASE; XV-2-FLOW; XV-2-SURF; XC-2-ALIGN; XC-2-PROF; XC-2-IMAGE; XC-2-HIGH; XC-2-HIGH; XC-2-STRM-HIGH

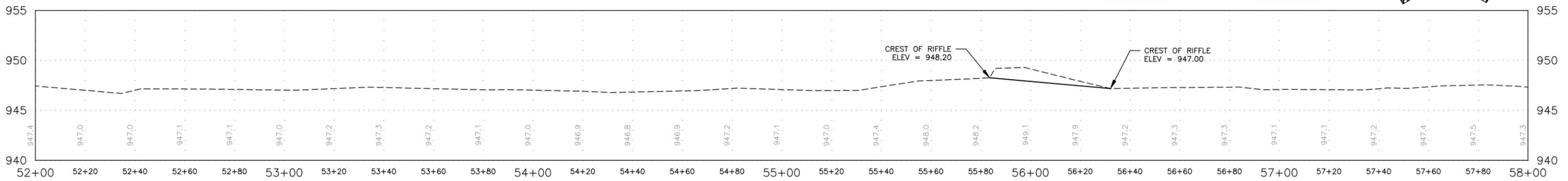


**1 PLAN**  
SCALE: 1" = 20'



**LEGEND**

- STONE TOE
- SOIL LIFTS
- RIPRAP APRON
- ROCK RIFFLE
- LARGE WOODY DEBRIS
- CROSS VANE WEIR



**2 PROFILE**  
SCALE: 1" = 20'

65% DESIGN SET

PRELIMINARY  
NOT FOR CONSTRUCTION

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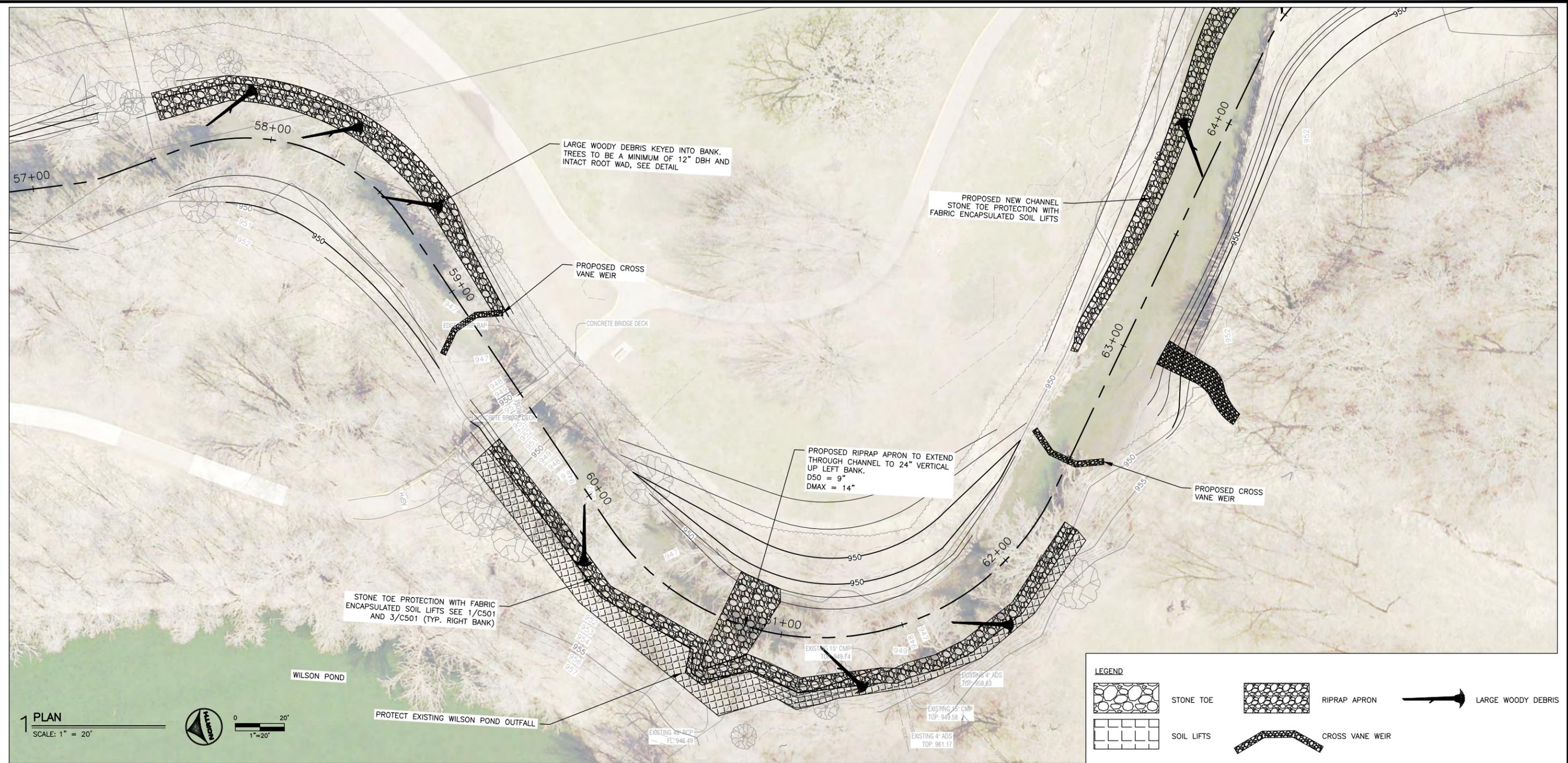


**WEST INDIAN CREEK (PROJECT A)**  
CITY OF NEVADA IOWA  
NEVADA, IOWA

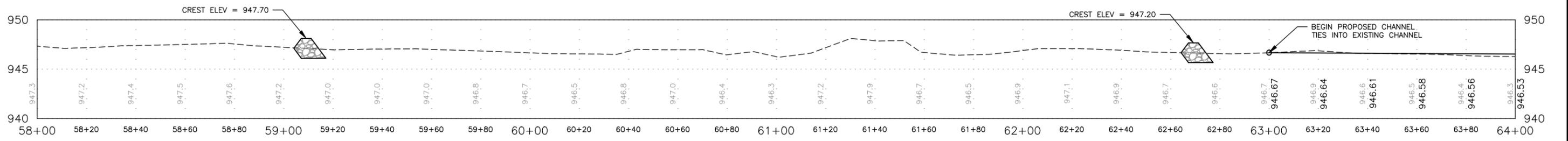
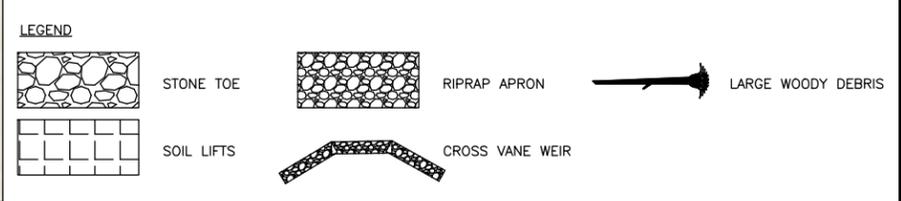
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SHEET NO.  
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**1 PLAN**  
SCALE: 1" = 20'



65% DESIGN SET  
PRELIMINARY NOT FOR CONSTRUCTION

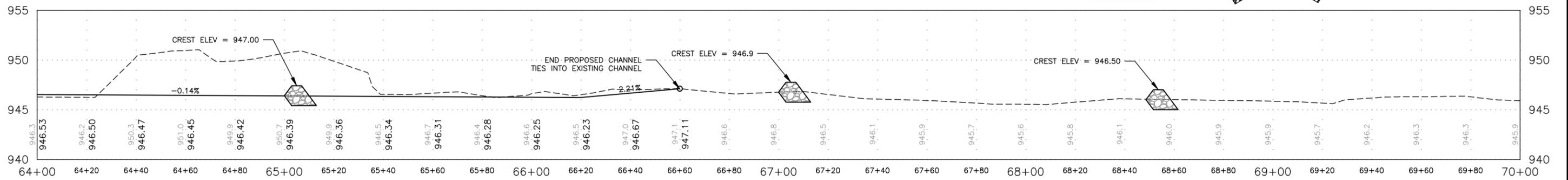
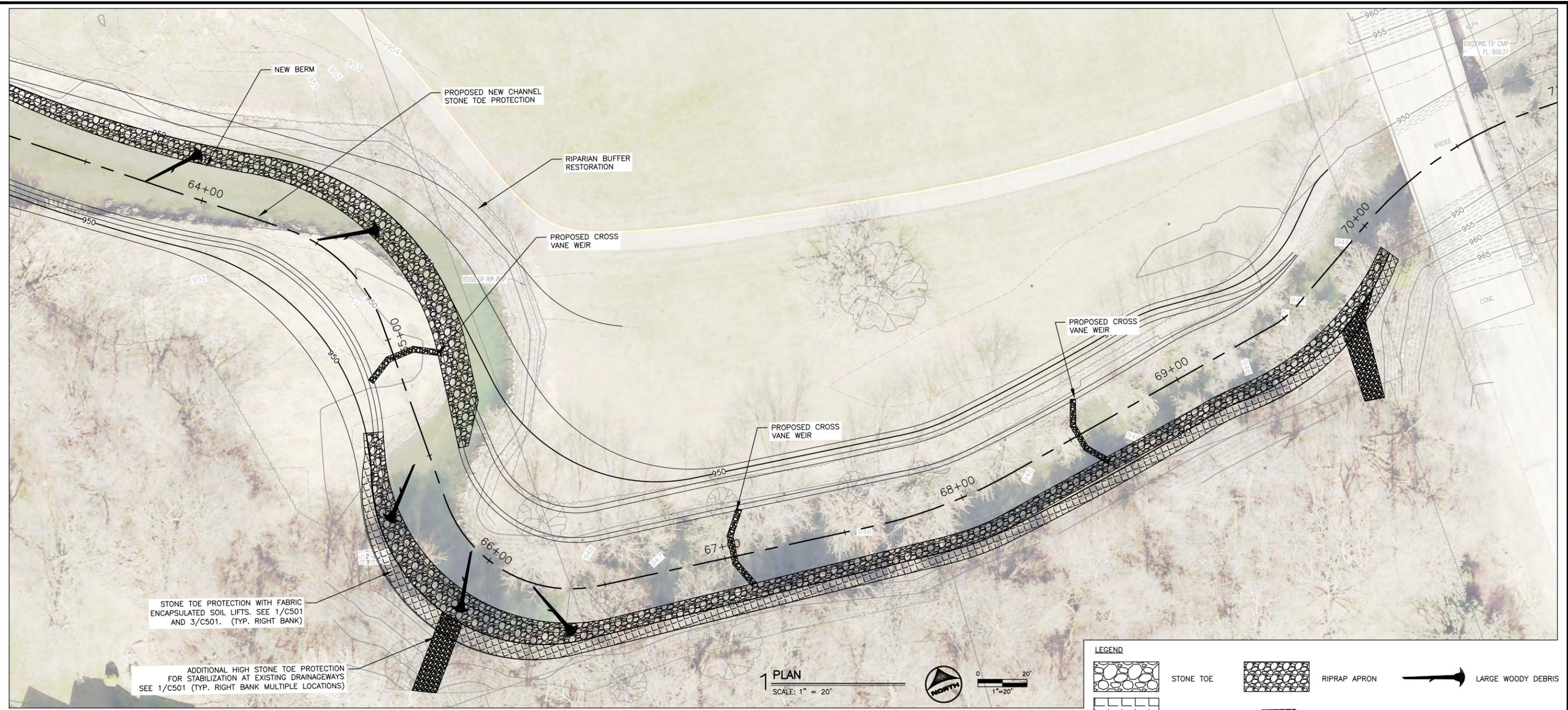
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WEST INDIAN CREEK (PROJECT A)  
CITY OF NEVADA IOWA  
NEVADA, IOWA

CIVIL  
PLAN & PROFILE - STA 58+00 TO 64+00

SHEET NO.  
**C204**



65% DESIGN SET  
PRELIMINARY NOT FOR CONSTRUCTION

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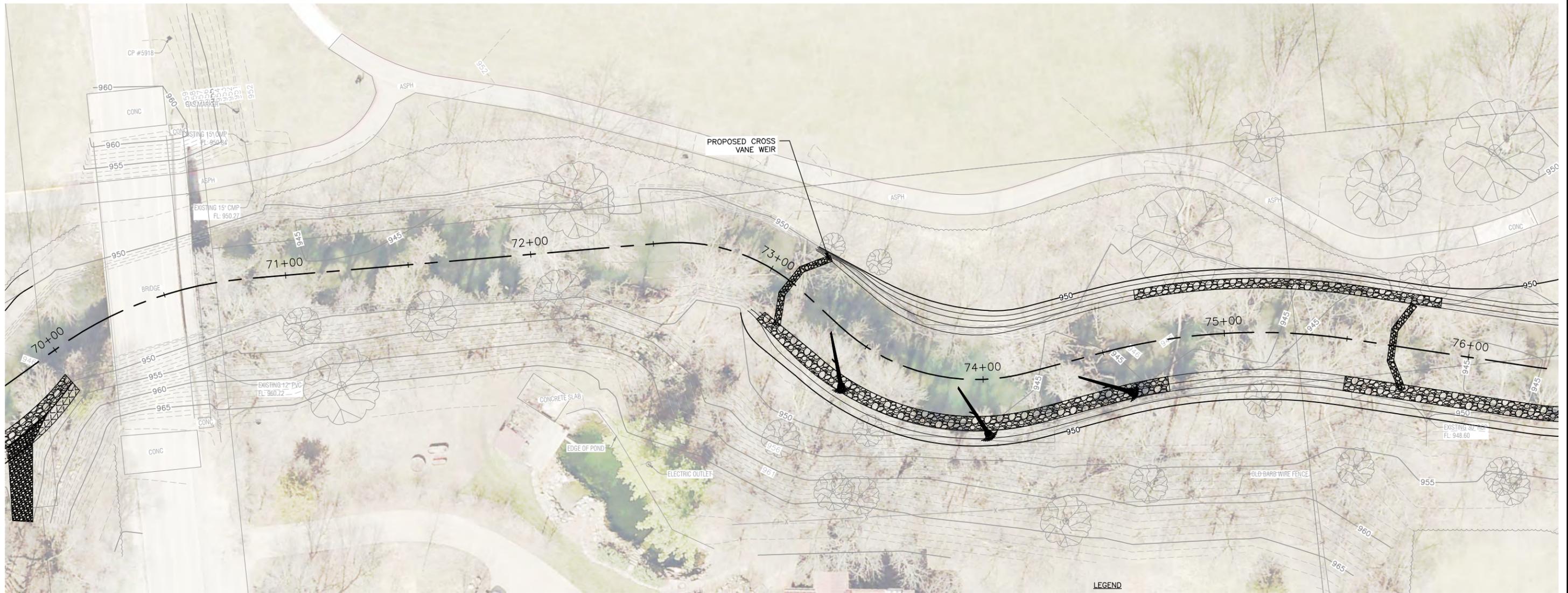
WEST INDIAN CREEK (PROJECT A)  
CITY OF NEVADA IOWA  
NEVADA, IOWA

CIVIL  
PLAN & PROFILE - STA 64+00 TO 70+00

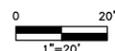
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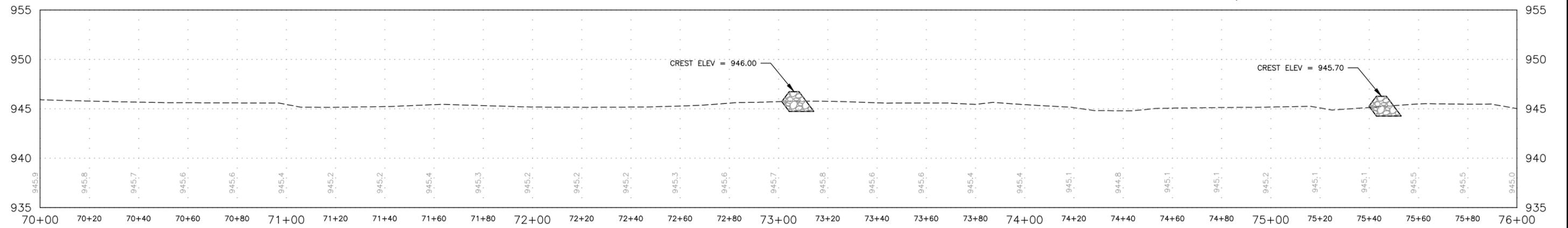


**1 PLAN**  
SCALE: 1" = 20'



**LEGEND**

- STONE TOE
- RIPRAP APRON
- LARGE WOODY DEBRIS
- SOIL LIFTS
- CROSS VANE WEIR



**2 PROFILE**  
SCALE: 1" = 20'

**65% DESIGN SET**  
**PRELIMINARY NOT FOR CONSTRUCTION**

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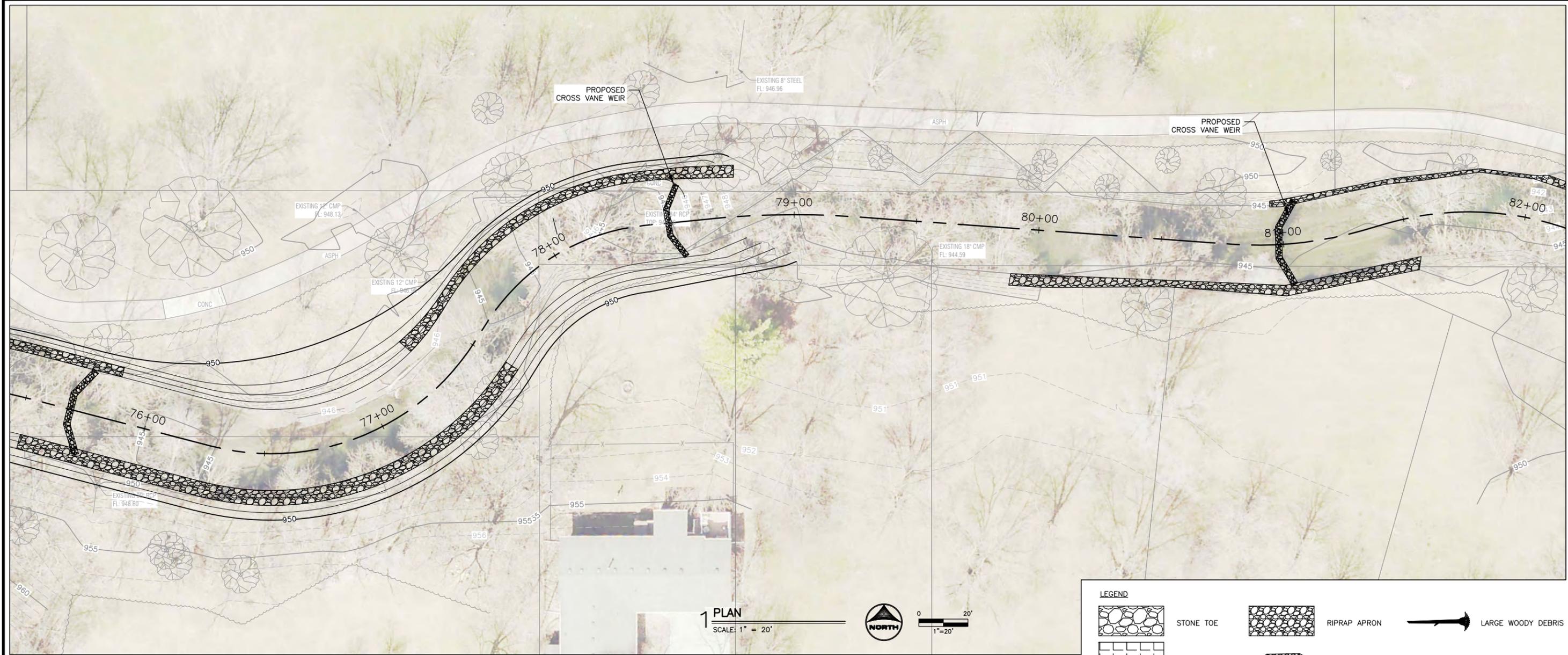
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WEST INDIAN CREEK (PROJECT A)  
 CITY OF NEVADA IOWA  
 NEVADA, IOWA

CIVIL  
 PLAN & PROFILE - STA 70+00 TO 76+00

SHEET NO.  
**C206**

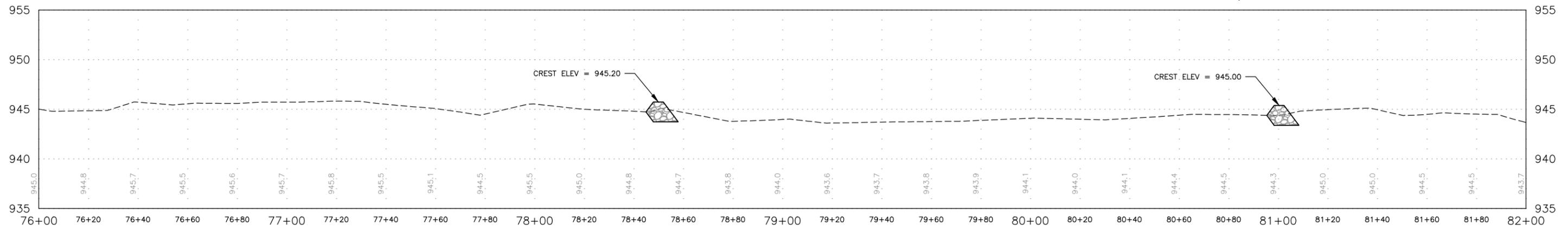


**1 PLAN**  
SCALE: 1" = 20'



**LEGEND**

- STONE TOE
- RIPRAP APRON
- LARGE WOODY DEBRIS
- SOIL LIFTS
- CROSS VANE WEIR



**2 PROFILE**  
SCALE: 1" = 20'

**65% DESIGN SET**  
**PRELIMINARY NOT FOR CONSTRUCTION**

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NO.	DATE	BY	REVISION DESCRIPTION



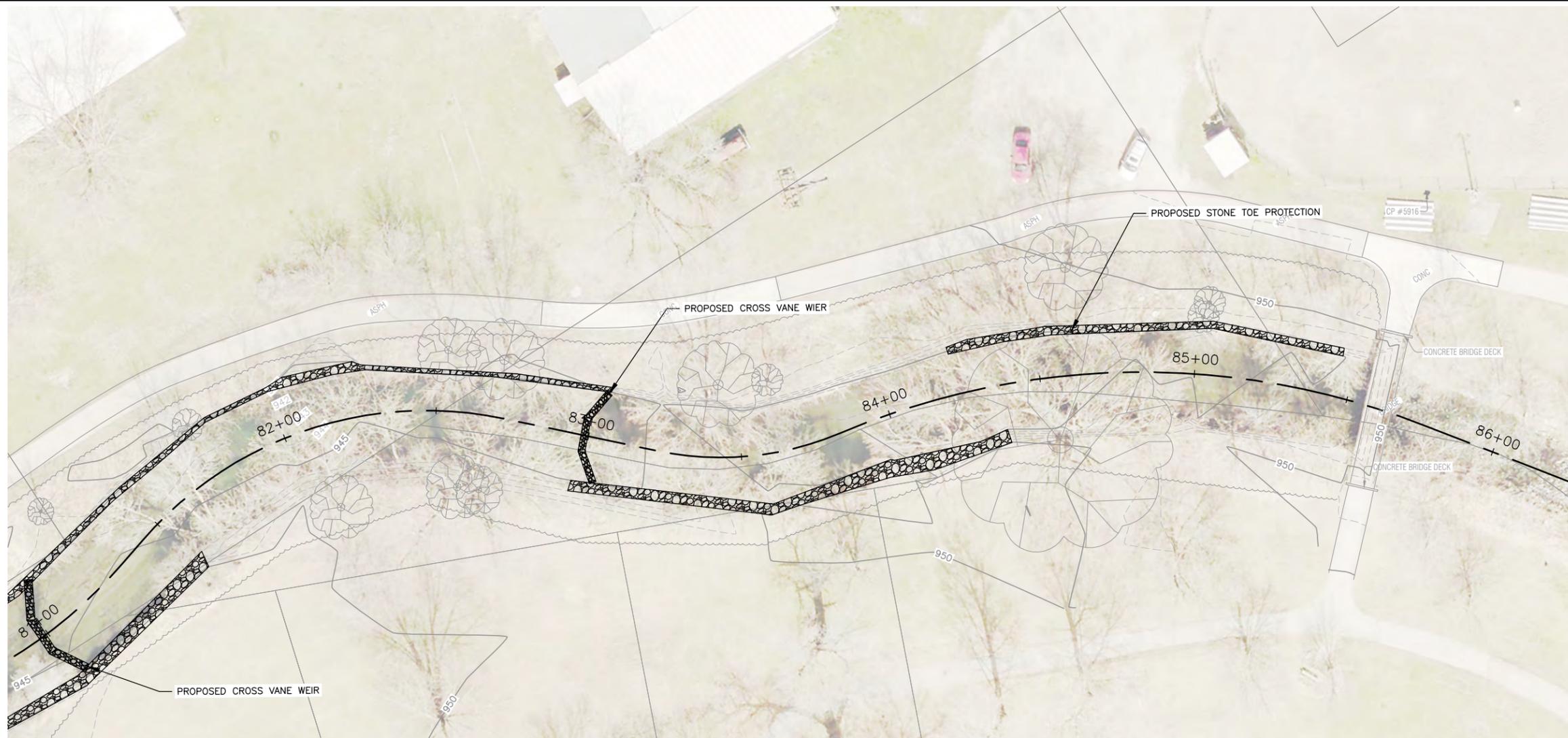
**WEST INDIAN CREEK (PROJECT A)**  
 CITY OF NEVADA IOWA  
 NEVADA, IOWA

CIVIL  
**PLAN & PROFILE - STA 76+00 TO 82+00**

SHEET NO.  
**C207**

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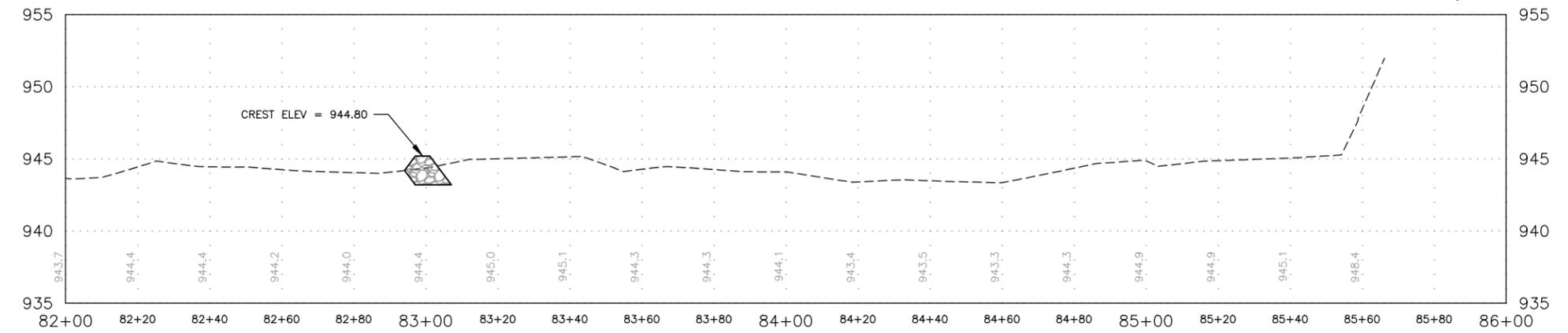


**1 PLAN**  
SCALE: 1" = 20'



**LEGEND**

- STONE TOE
- RIPRAP APRON
- LARGE WOODY DEBRIS
- SOIL LIFTS
- CROSS VANE WEIR



**2 PROFILE**  
SCALE: 1" = 20'

65% DESIGN SET

PRELIMINARY  
NOT FOR CONSTRUCTION

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NO.	DATE	BY	REVISION DESCRIPTION

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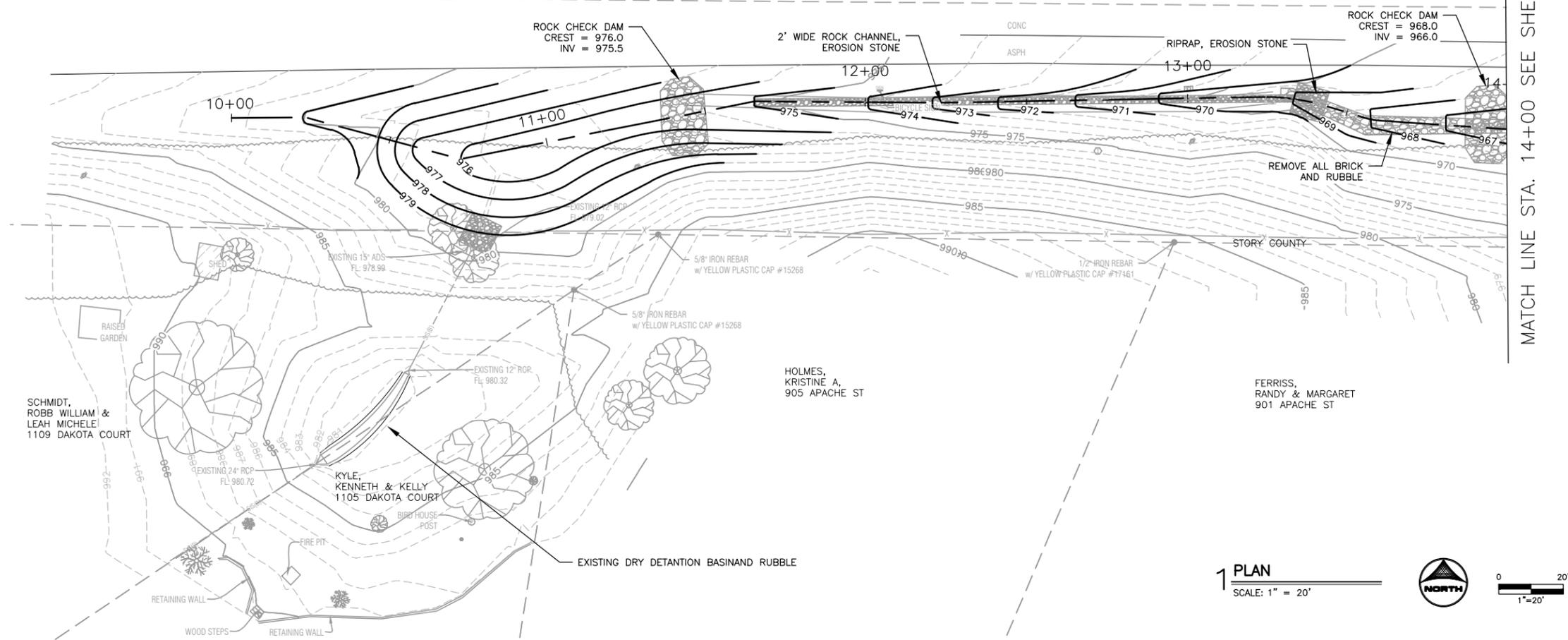
**WEST INDIAN CREEK (PROJECT A)**  
CITY OF NEVADA IOWA  
NEVADA, IOWA

CIVIL  
**PLAN & PROFILE - STA 82+00 TO 86+00**

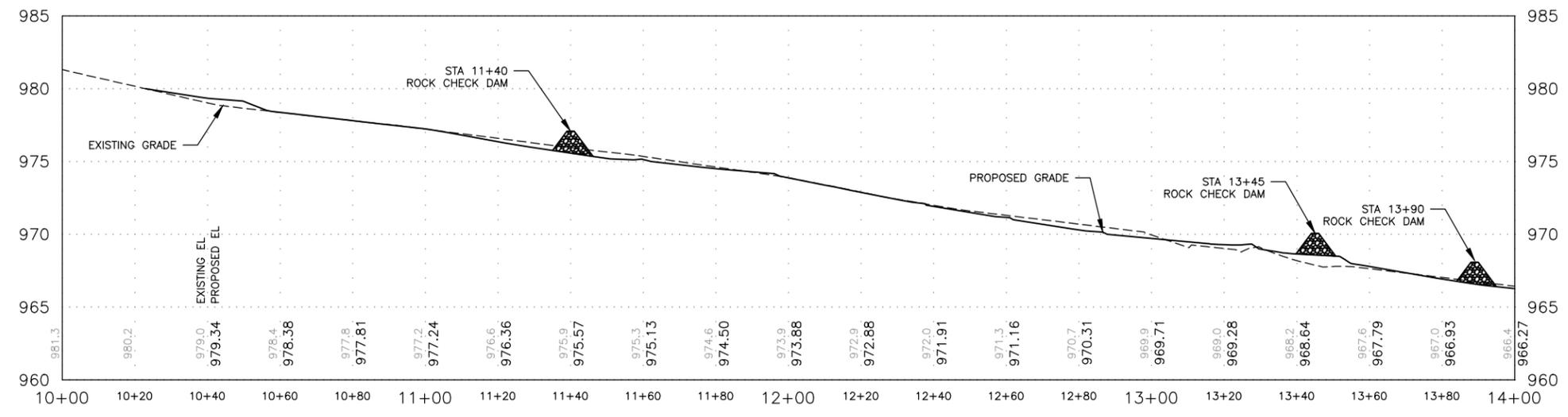
SHEET NO.  
**C208**

SORY COUNTY  
975 W LINCOLN HIGHWAY

# LINCOLN HIGHWAY



MATCH LINE STA. 14+00 SEE SHEET C202



**2 PROFILE**  
SCALE: 1" = 20'

**60% DESIGN SET**  
**PRELIMINARY**  
**NOT FOR CONSTRUCTION**

Xref: xg=1-df01: XC-1-ALIGN; XC-1-SURF; XY-1-ROW; XC-1-PROF; XY-1-BASE; XV-1-SURF; XCX-IMAGE; XC-1-HIGH

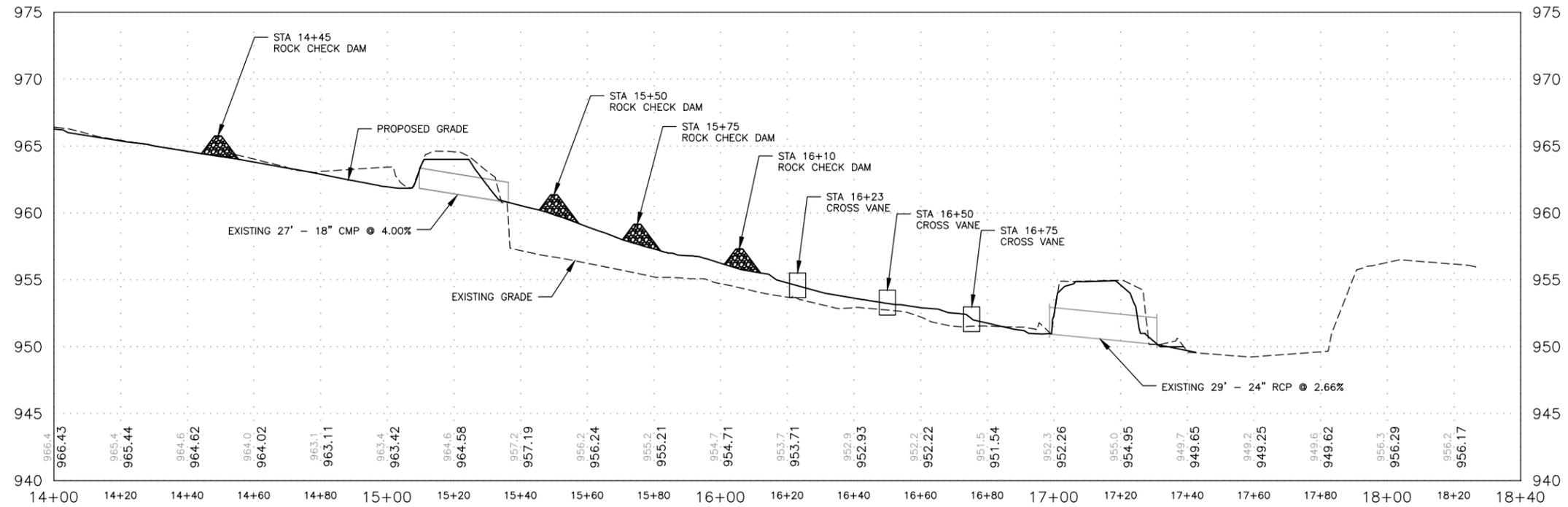
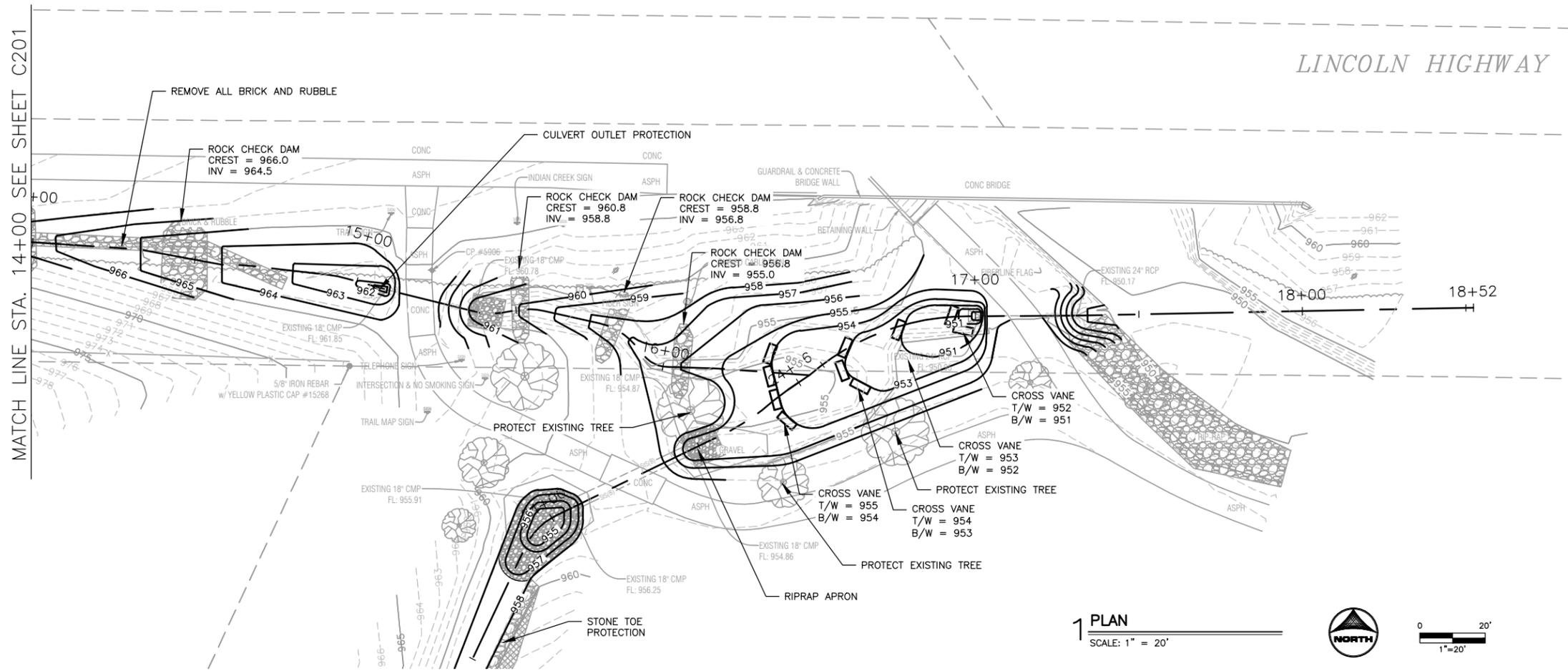
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NO.	DATE	BY	REVISION DESCRIPTION

TRIBUTARY TO INDIAN CREEK (PROJECT B)  
CITY OF NEVADA IOWA  
NEVADA, IOWA

CIVIL  
PLAN & PROFILE - STA 10+00 TO 14+00

SHEET NO.  
**C201**



2 PROFILE  
SCALE: 1" = 20'

60% DESIGN SET  
PRELIMINARY  
NOT FOR CONSTRUCTION

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NO.	DATE	BY	REVISION DESCRIPTION

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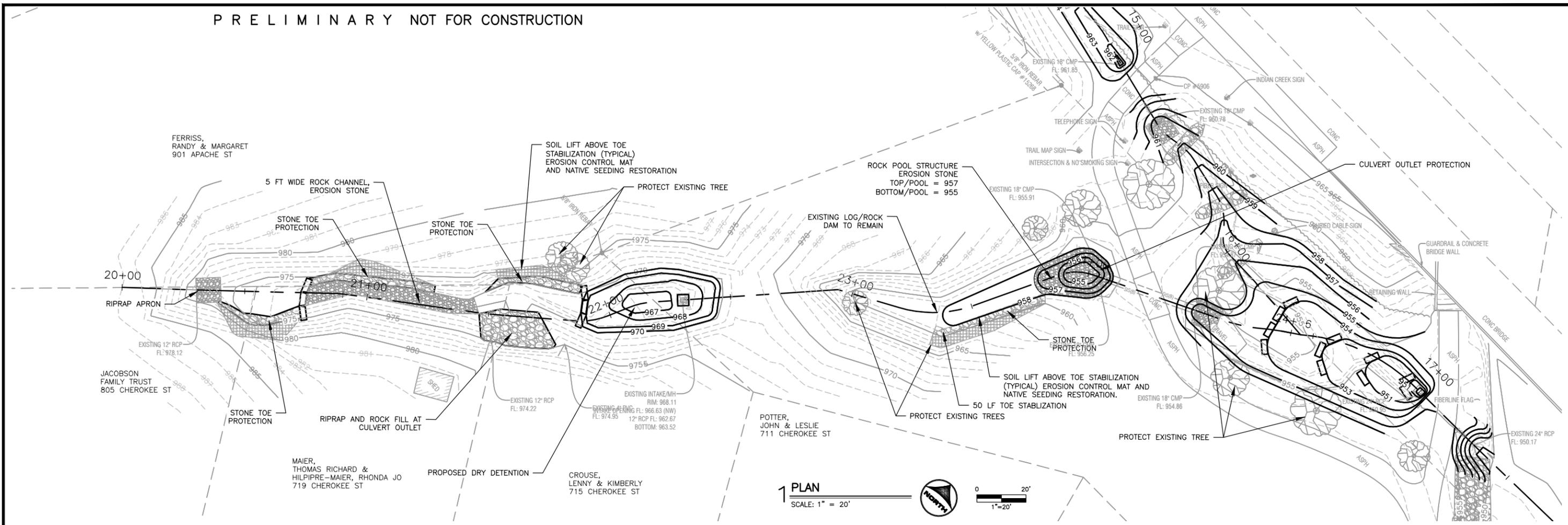
TRIBUTARY TO INDIAN CREEK (PROJECT B)  
 CITY OF NEVADA IOWA  
 NEVADA, IOWA

CIVIL  
 PLAN & PROFILE - STA 14+00 TO 18+40

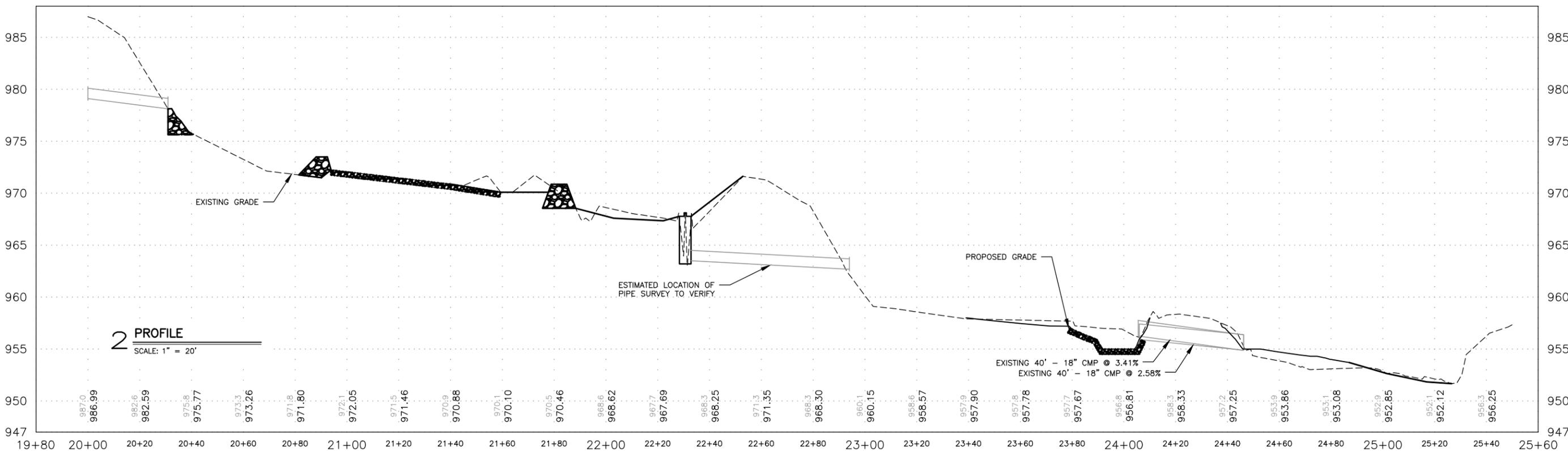
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PRELIMINARY NOT FOR CONSTRUCTION



1 PLAN  
SCALE: 1" = 20'



2 PROFILE  
SCALE: 1" = 20'

DRAWN BY: ELC JOB DATE: 2023  
 APPROVED: JM JOB NUMBER: 191900.03  
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NO.	DATE	BY	REVISION DESCRIPTION



TRIBUTARY TO INDIAN CREEK (PROJECT B)  
 CITY OF NEVADA IOWA  
 NEVADA, IOWA

CIVIL  
 PLAN & PROFILE - STA 19+80 TO 25+60

SHEET NO.  
 C203