



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

PUBLIC NOTICE

Applicant: City of Nevada

Date: September 18, 2023

Expires: October 11, 2023

CEMVR-RD-2023-817

Section 404

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

1. **Applicant:** City of Nevada, POC Mr. Tim Hansen, 1209 6th 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 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).

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.



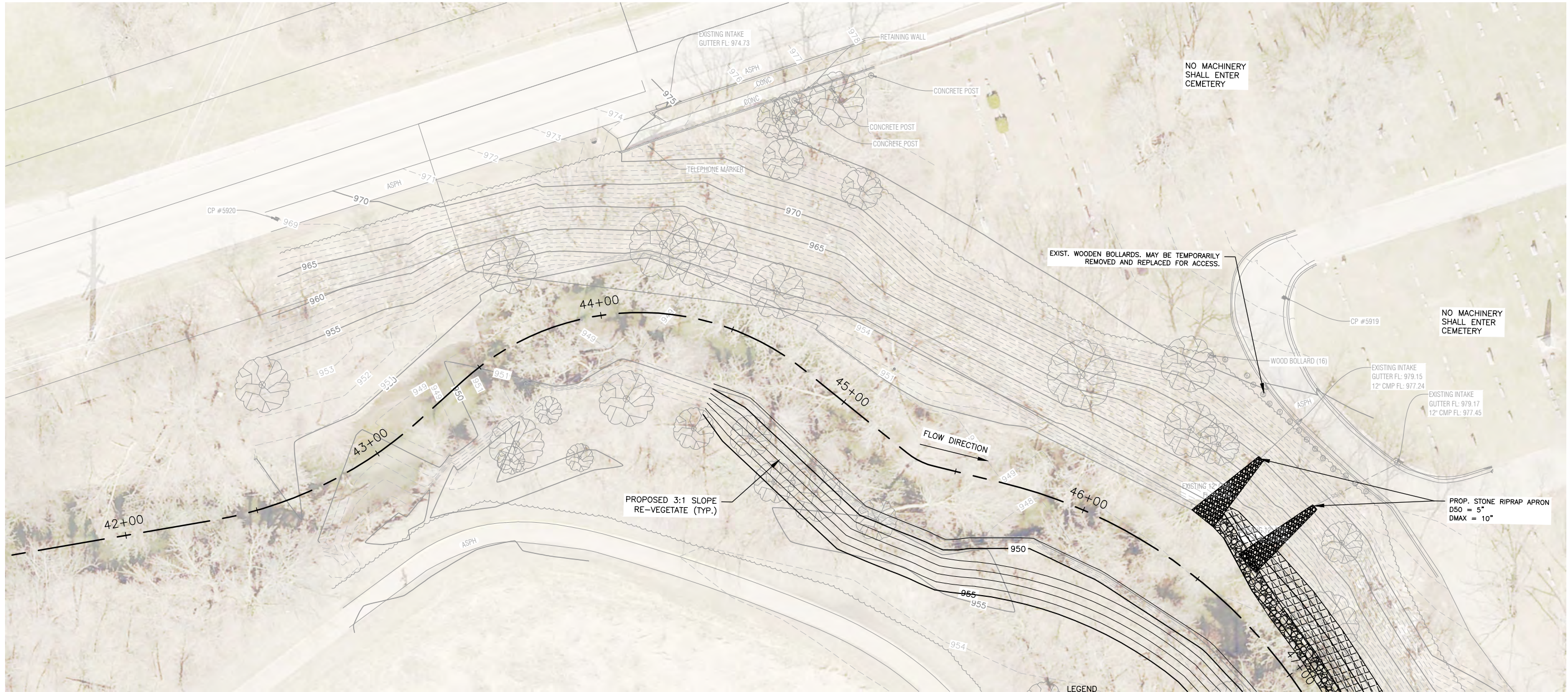
Attach
Plans

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

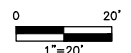
- 1) Location Map
- 2) Plan View
- 3) Cross Section

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

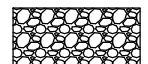
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1 PLAN
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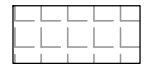
STONE TOE



RIPRAP APRON



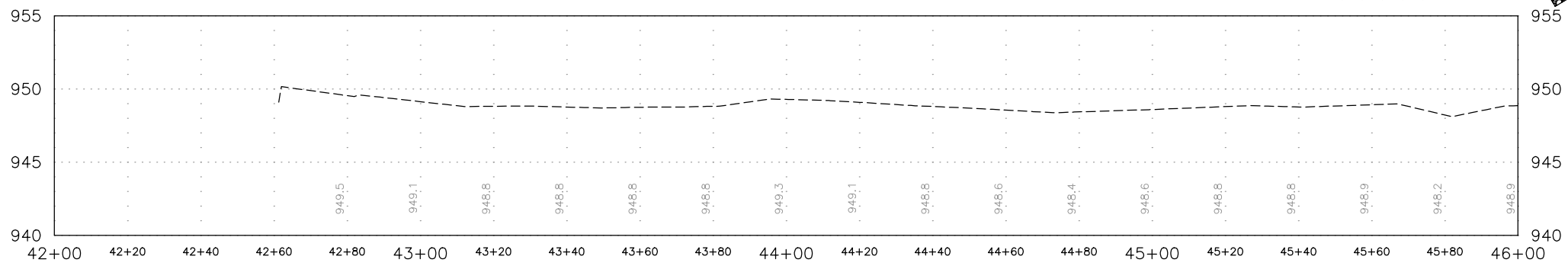
LARGE WOODY DEBRIS



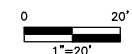
SOIL LIFTS



CROSS VANE WEIR



2 PROFILE
SCALE: 1" = 20'



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PRELIMINARY
NOT FOR CONSTRUCTION

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APPROVED: **ESP** JOB NUMBER: 191900.03
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0" = 1"
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ADJUST SCALE ACCORDINGLY.

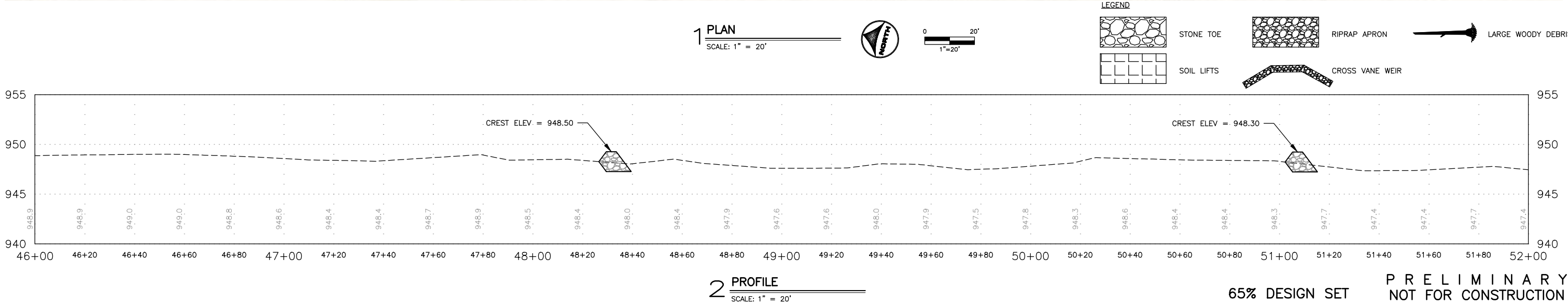
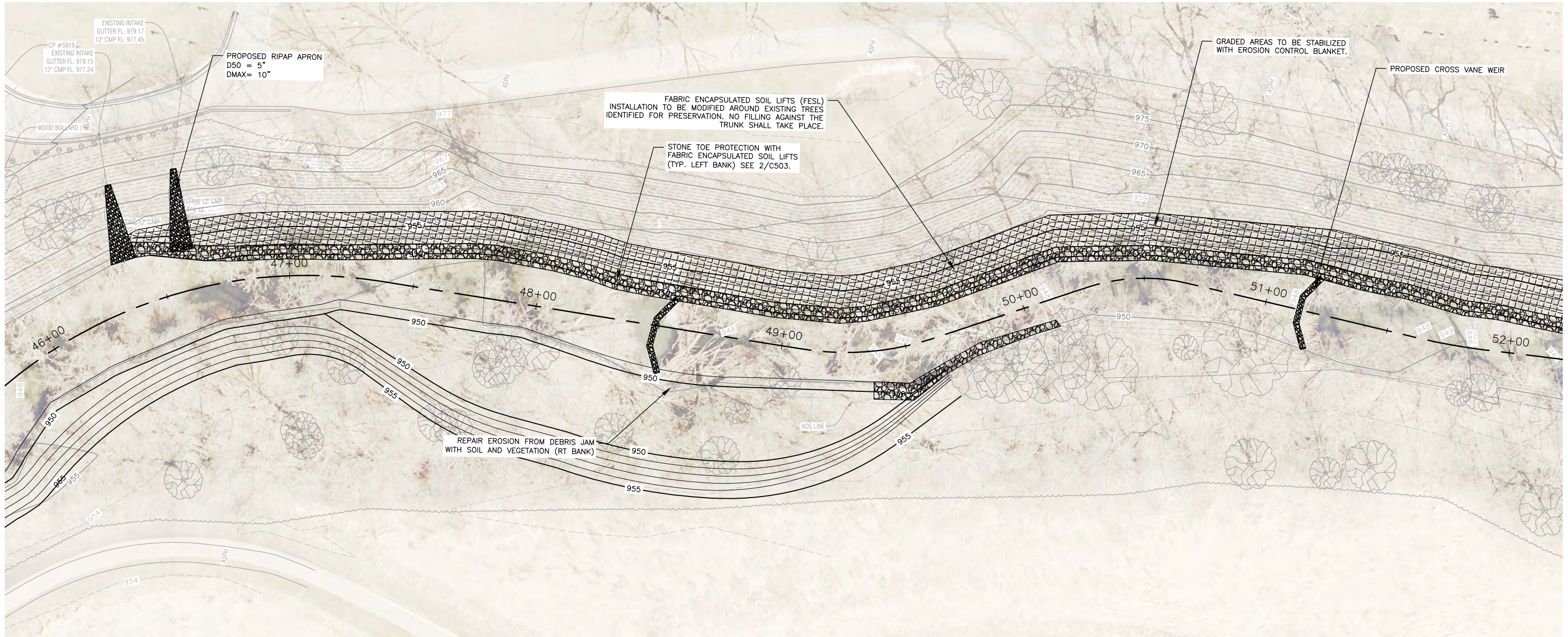
NO.	DATE	BY	REVISION DESCRIPTION



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

CIVIL
PLAN & PROFILE - STA 42+40 TO 46+00

SHEET NO.
C201



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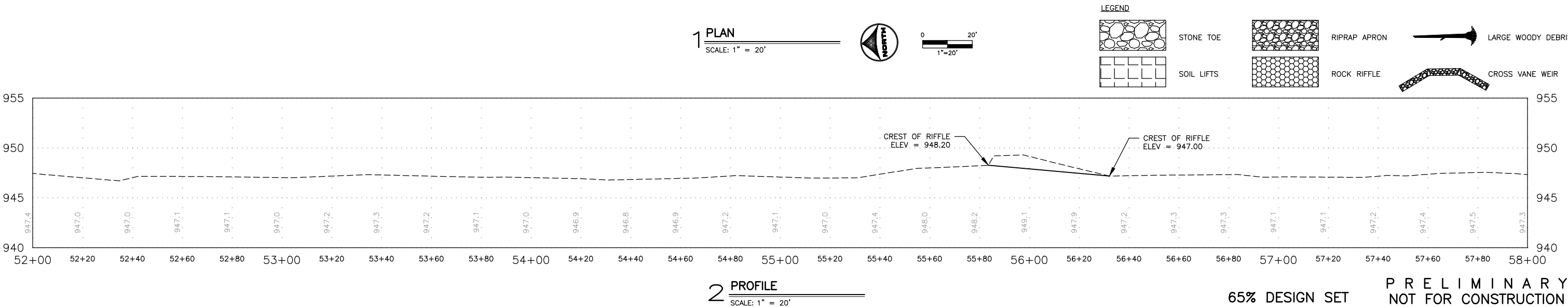
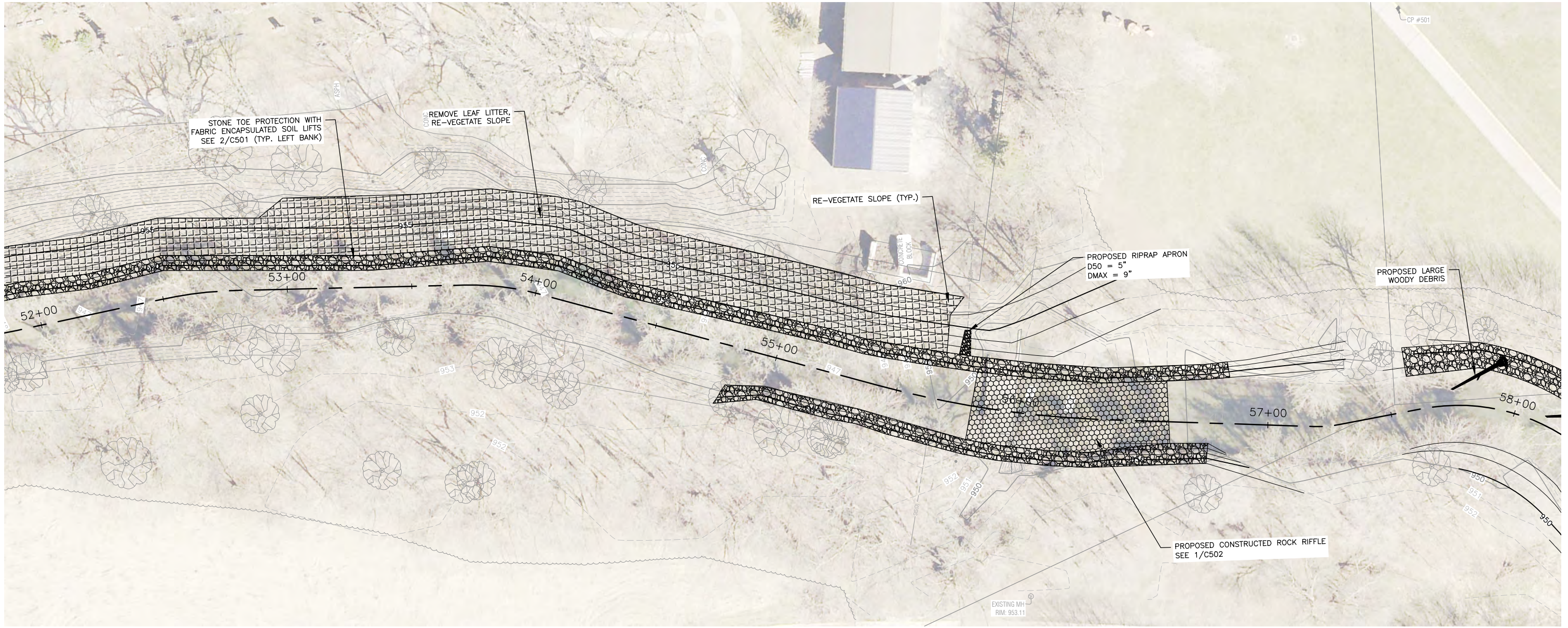
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WEST INDIAN CREEK (PROJECT A)
CITY OF NEVADA IOWA
NEVADA, IOWA

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

SHEET NO.
C202



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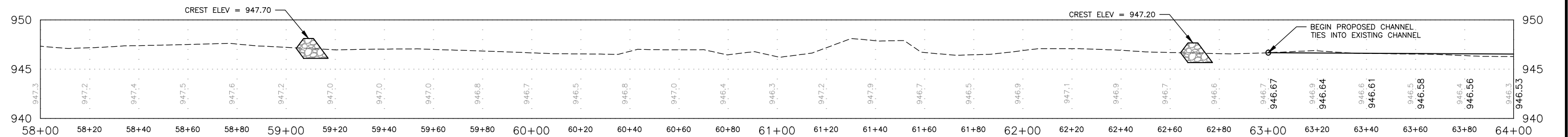
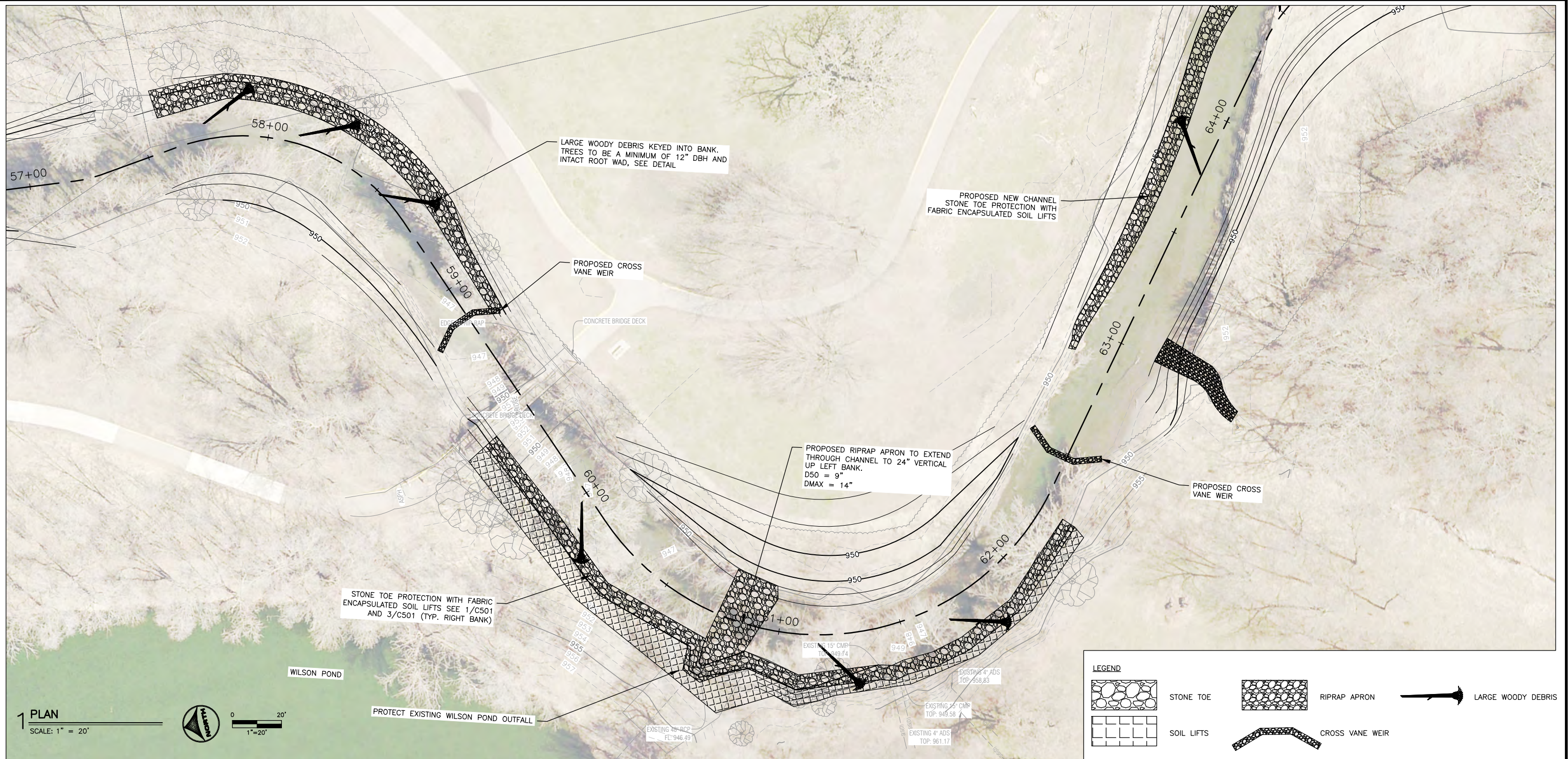
WEST INDIAN CREEK (PROJECT A)
CITY OF NEVADA IOWA
NEVADA, IOWA

CIVIL
PLAN & PROFILE - STA 52+00 TO 58+00

SHEET NO.
C203

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PRELIMINARY
NOT FOR CONSTRUCTION

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2 PROFILE
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65% DESIGN SET

PRELIMINARY
NOT FOR CONSTRUCTION

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JOB DATE: 2023
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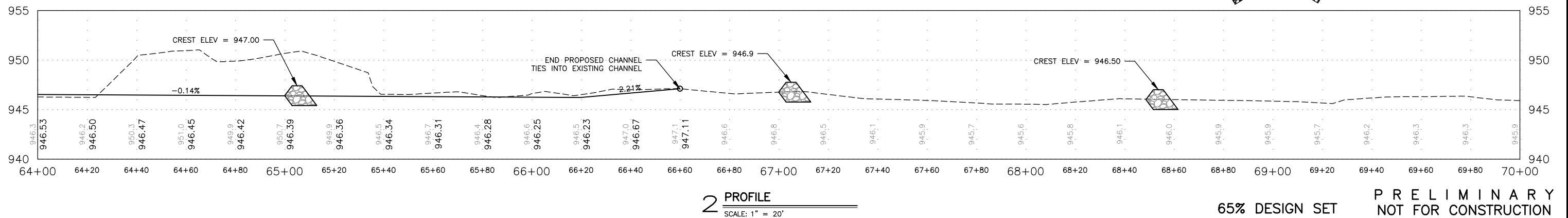
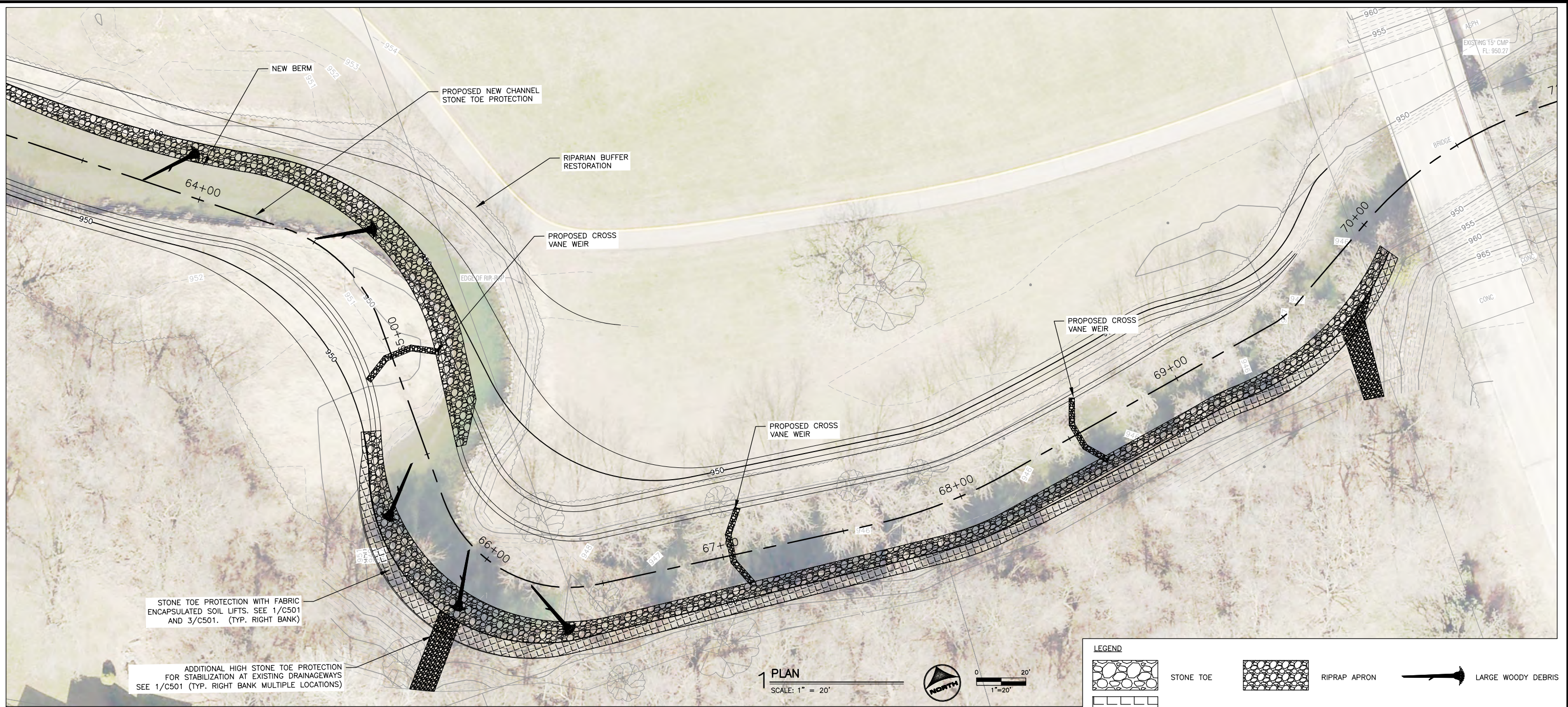


WEST INDIAN CREEK (PROJECT A)
CITY OF NEVADA IOWA
NEVADA, IOWA

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

SHEET NO.
C204

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65% DESIGN SET

PRELIMINARY
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JOB DATE: 2023
JOB NUMBER: 191900.03

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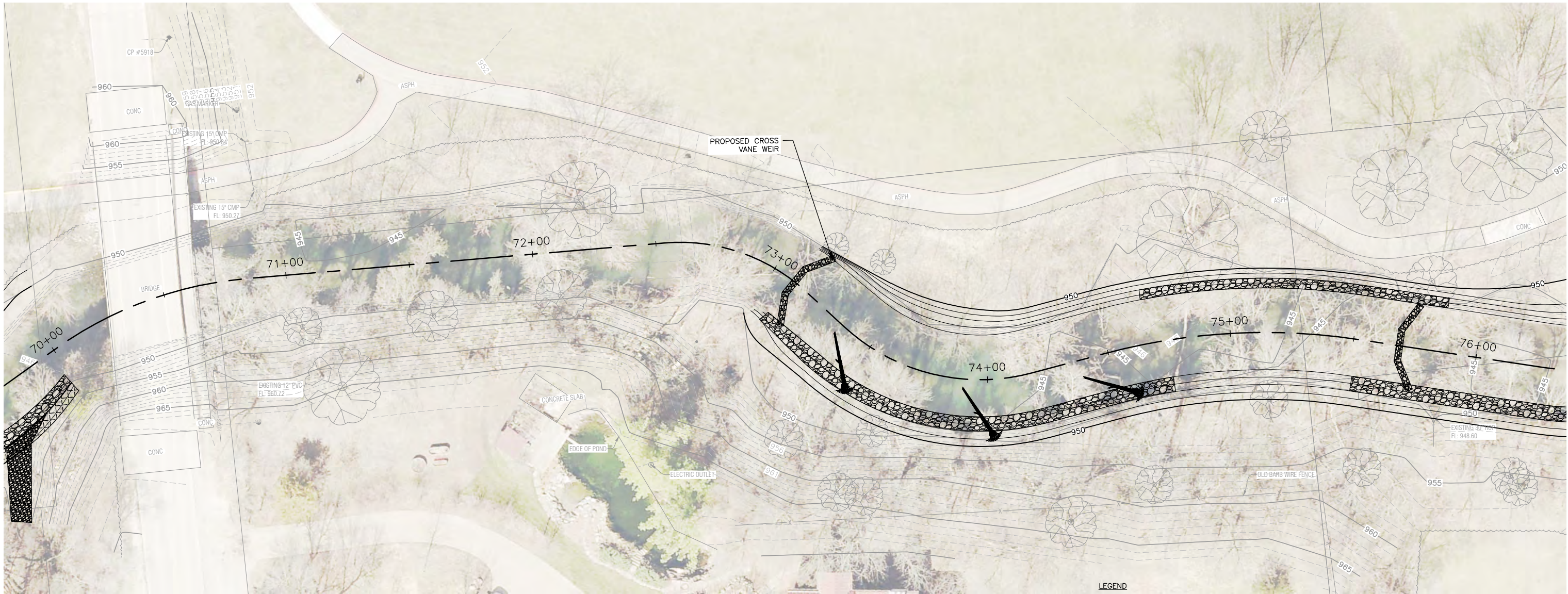


WEST INDIAN CREEK (PROJECT A)
CITY OF NEVADA IOWA
NEVADA, IOWA

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

SHEET NO.
C205

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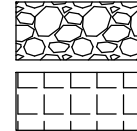


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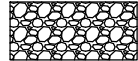
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LEGEND



STONE TOE

SOIL LIFTS



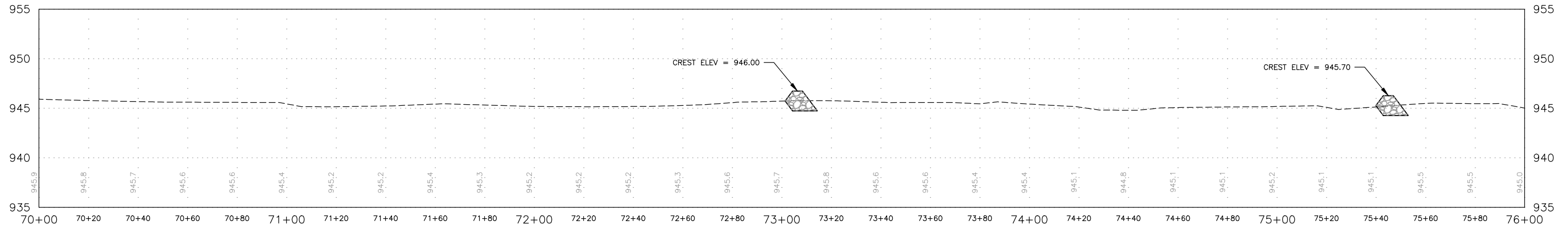
RIPRAP APRON



CROSS VANE WEIR



LARGE WOODY DEBRIS



2 PROFILE
SCALE: 1" = 20'

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PRELIMINARY
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JOB DATE: 2023
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NO.	DATE	BY	REVISION DESCRIPTION



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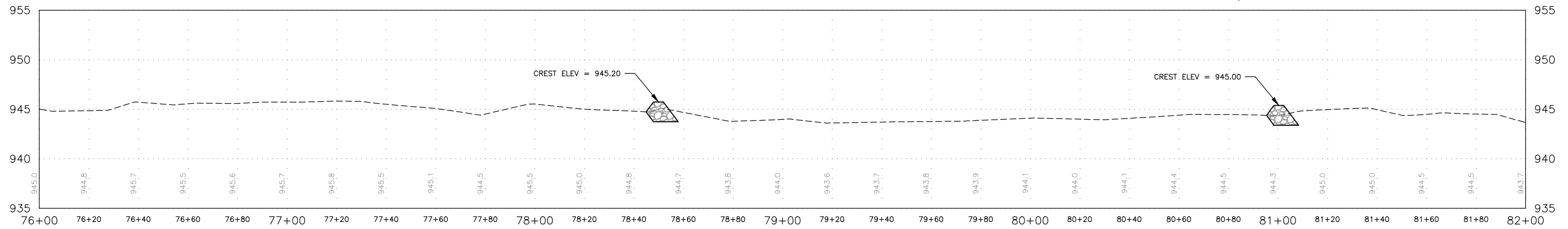
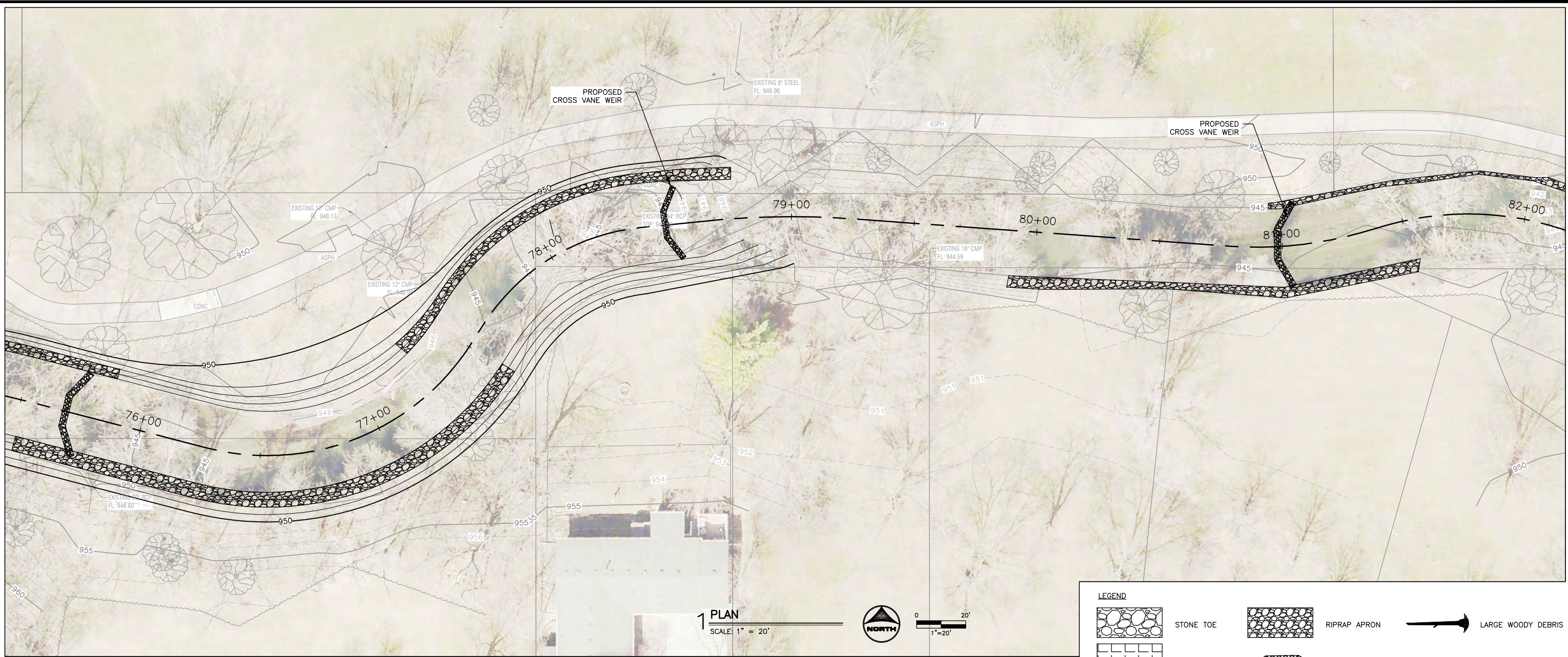
WEST INDIAN CREEK (PROJECT A)
CITY OF NEVADA IOWA
NEVADA, IOWA

CIVIL

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

SHEET NO.

C206



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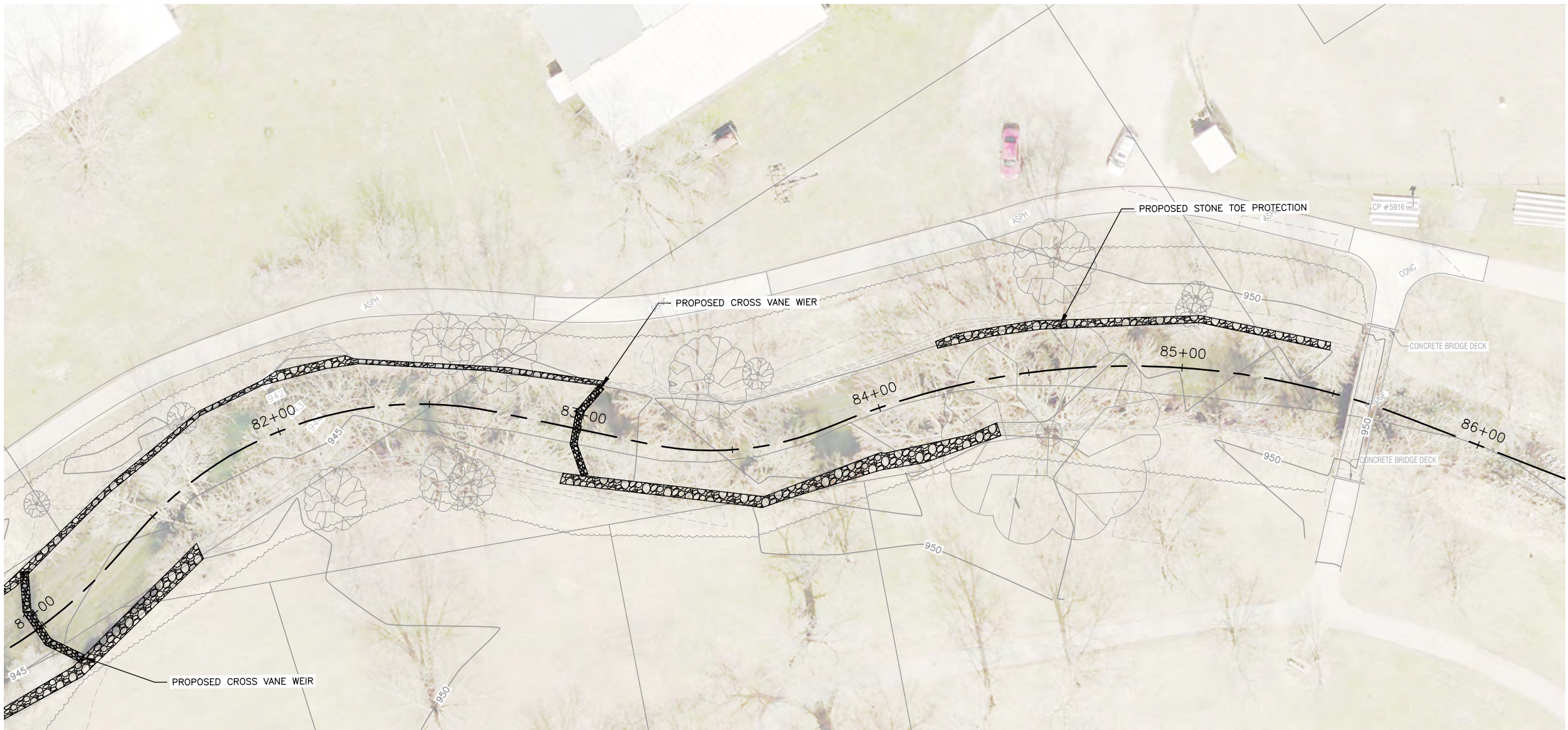
WEST INDIAN CREEK (PROJECT A)
CITY OF NEVADA IOWA
NEVADA, IOWA

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

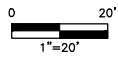
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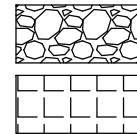
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1 PLAN
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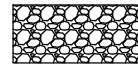


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STONE TOE

SOIL LIFTS



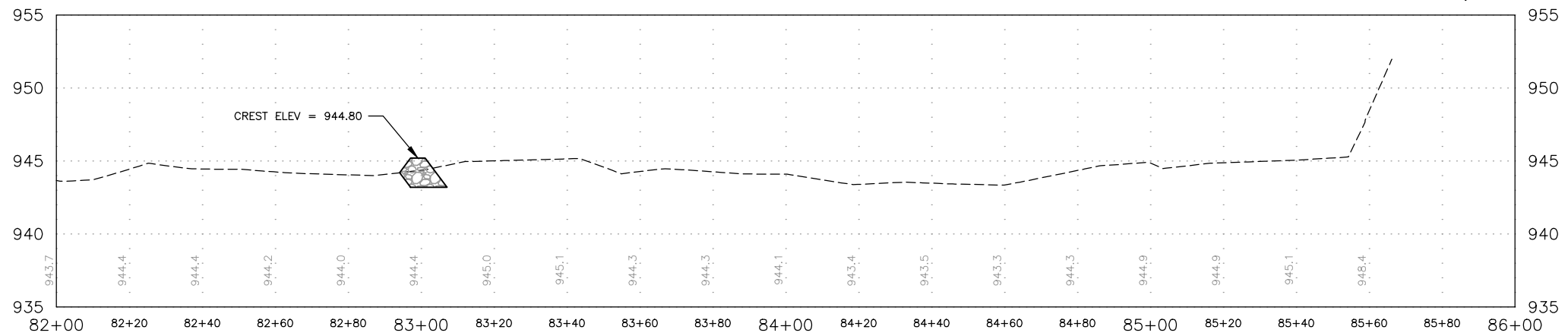
RIPRAP APRON



CROSS VANE WIER



LARGE WOODY DEBRIS



2 PROFILE
SCALE: 1" = 20'

65% DESIGN SET

PRELIMINARY
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APPROVED: SDP JOB NUMBER: 191900.03
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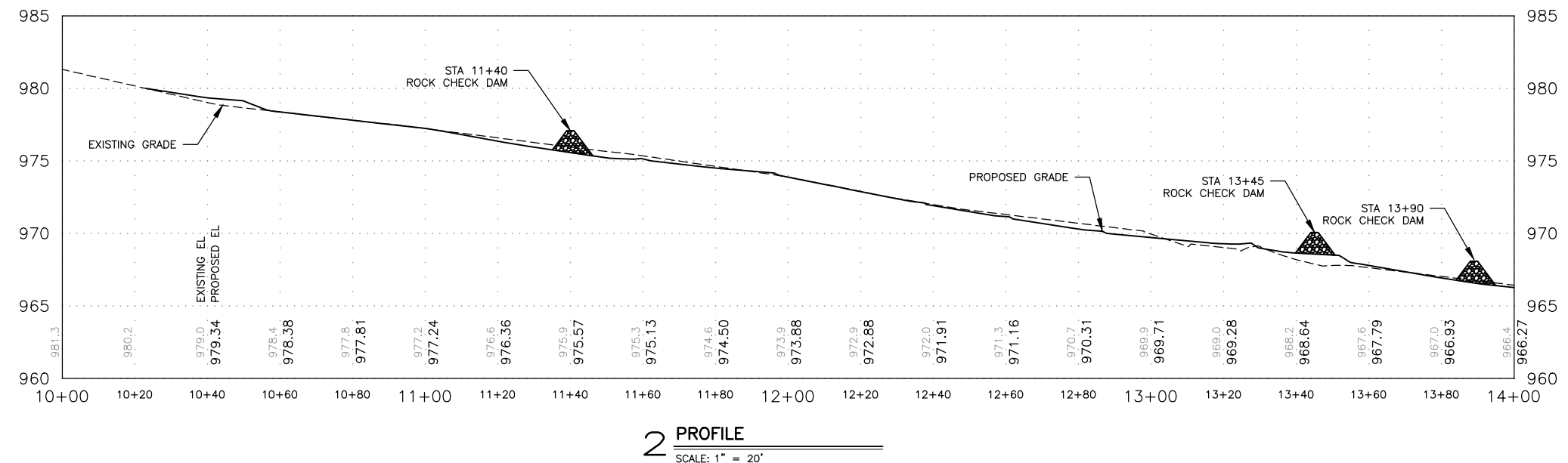
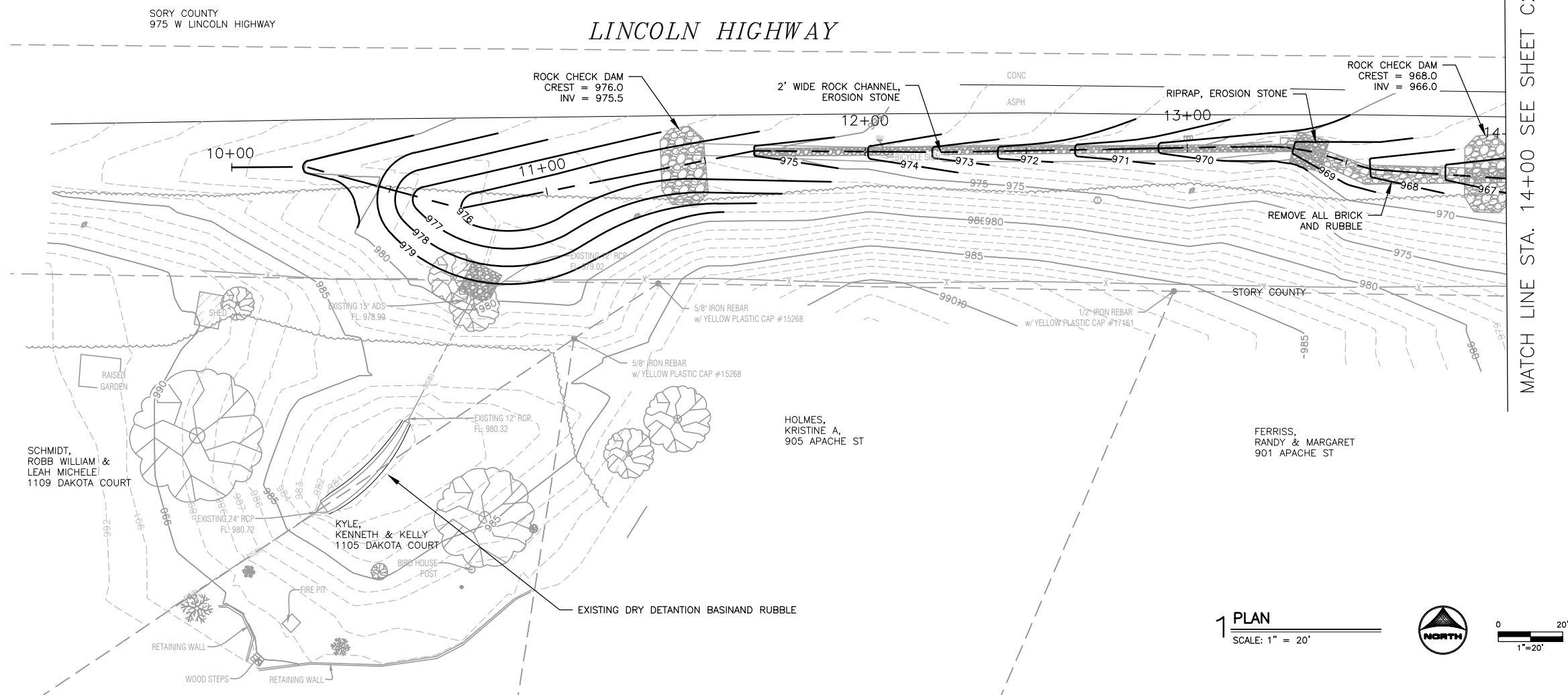
NO.	DATE	BY	REVISION DESCRIPTION



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

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

SHEET NO.
C208



60% DESIGN SET
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JOB DATE: 2023
JOB NUMBER: 191900.03

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NO.	DATE	BY	REVISION DESCRIPTION

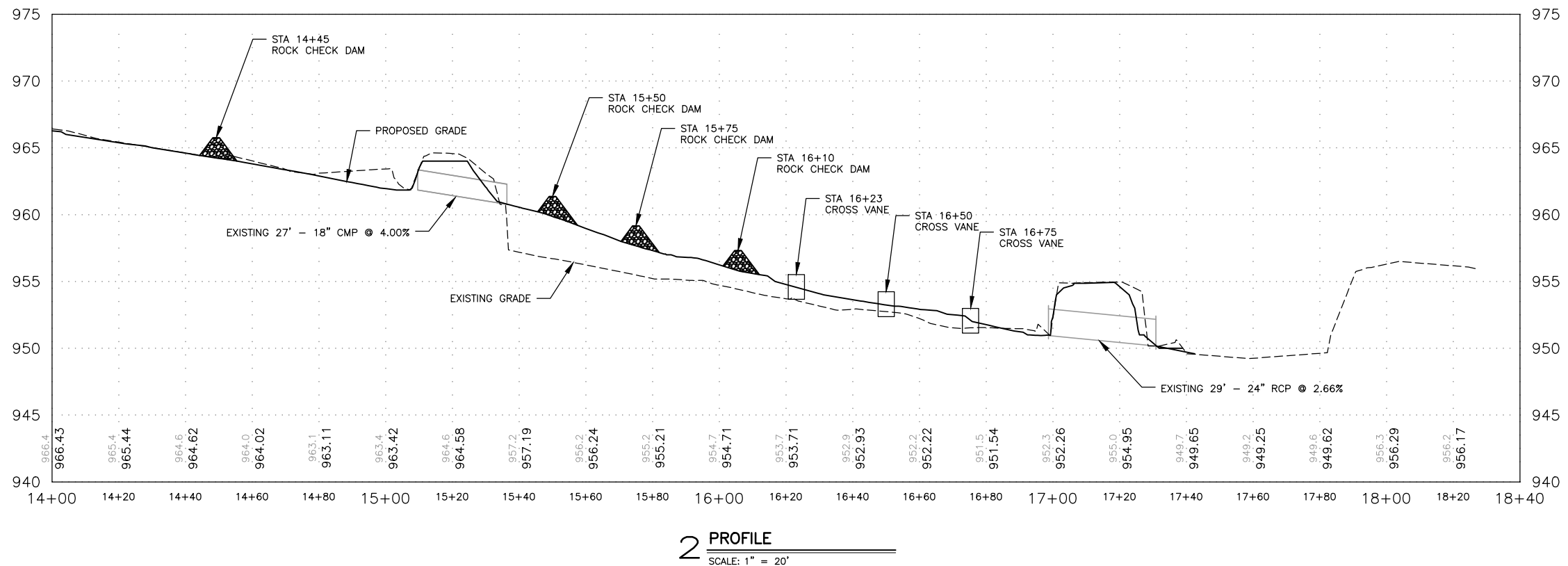
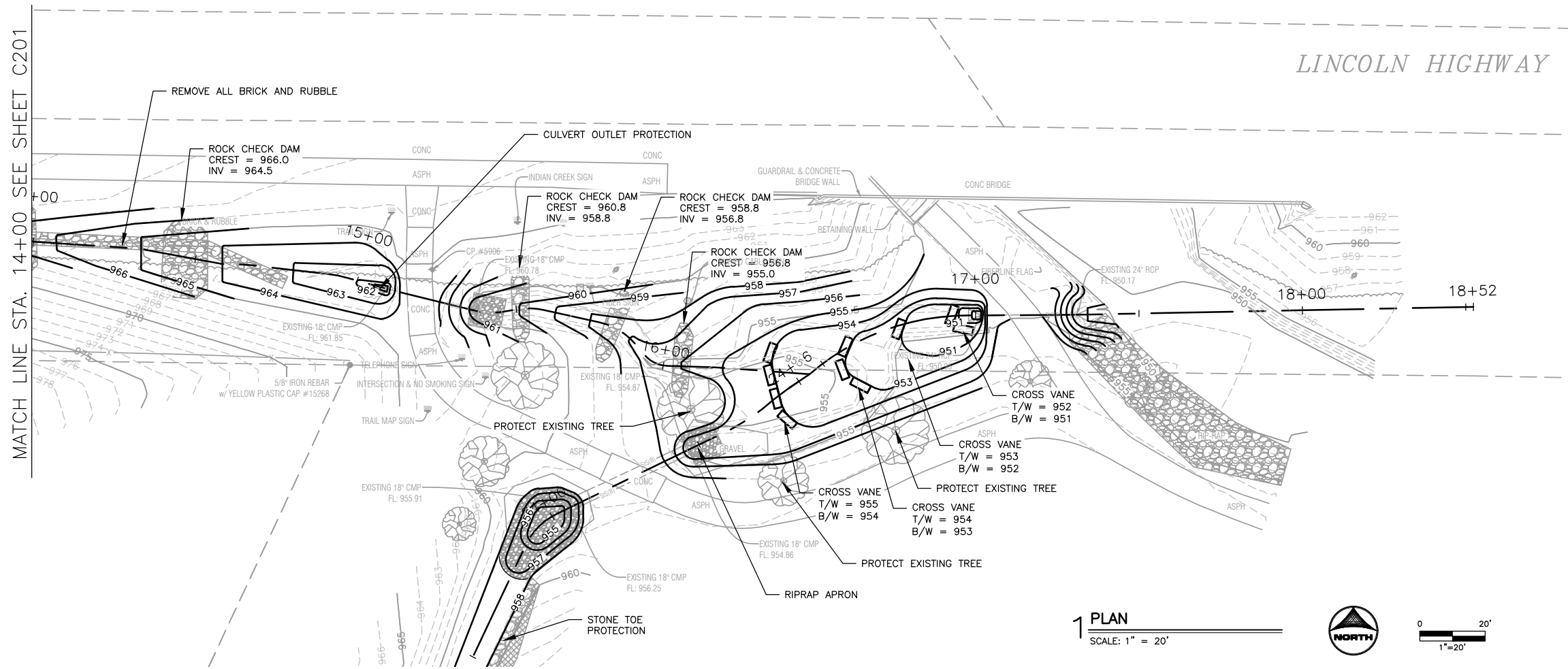


TRIBUTARY TO INDIAN CREEK (PROJECT B)
CITY OF NEVADA IOWA
NEVADA, IOWA

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

SHEET NO.
C201

Xrefs: xref-1.dwg: XC-1-ALGN; XC-1-SURF; XV-1-ROW; XC-1-PROF; XV-1-BASE; XV-1-SURF; XC-1-IMAGE; XC-1-HTCH



60% DESIGN SET
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JOB DATE: 2023
JOB NUMBER: 191900.03

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NO.	DATE	BY	REVISION DESCRIPTION

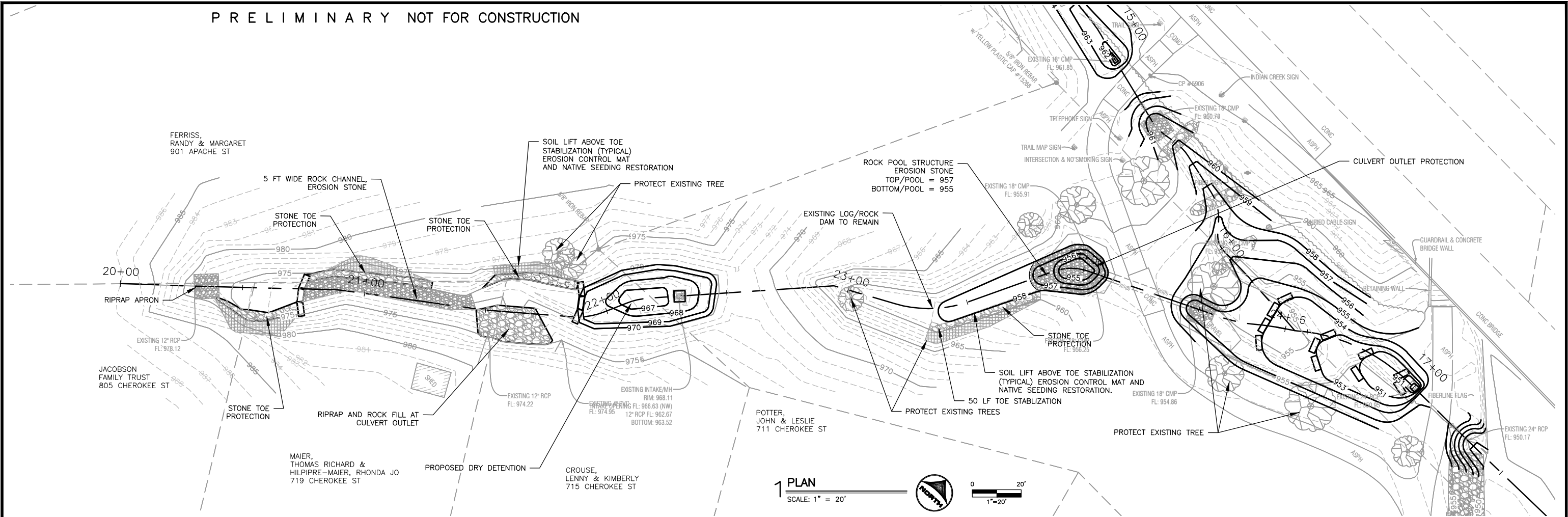


TRIBUTARY TO INDIAN CREEK (PROJECT B)
CITY OF NEVADA IOWA
NEVADA, IOWA

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

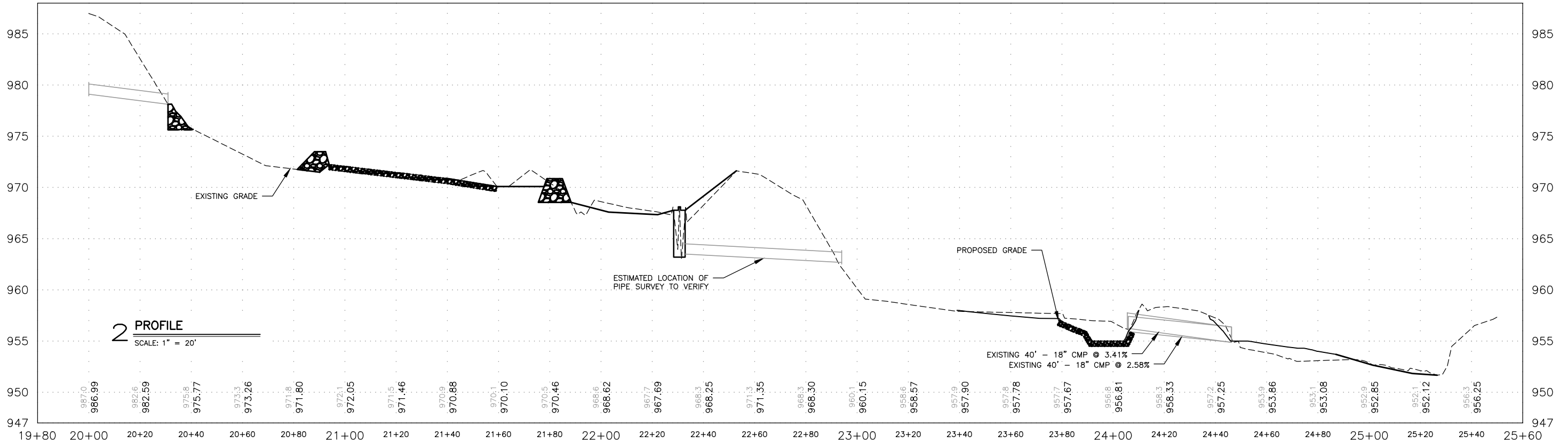
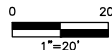
SHEET NO.
C202

P R E L I M I N A R Y N O T F O R C O N S T R U C T I O N



1 PLAN

SCALE: 1" = 20'



2 PROFILE

SCALE: 1" = 20'

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CAD DATE: 3/14/2023 10:18:20 AM
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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 19+80 TO 25+60

SHEET NO.

C203