

ABBREVIATIONS	
STA.	STATION
D.I.	DROP INLET
MH.	MANHOLE
PUE	PUBLIC UTILITY EASEMENT
EP	EDGE OF PAVEMENT
CL	CENTER LINE
R/W	RIGHT OF WAY
PL	PROPERTY LINE
C.	CONCRETE
IRR.	IRRIGATION
MTRS	METERS
WV	WATER VALVE
ACP	ASBESTOS CEMENT PIPE
F.H.	FIRE HYDRANT
S.	SIGN
CMP	CORRIGATED METAL PIPE
T(UG)	TELEPHONE (UNDER GROUND)
TEL.	TELEPHONE
PED.	PEDESTAL
E(UG)	ELECTRICAL LINE (UNDER GROUND)
E(OH)	ELECTRICAL LINE (OVERHEAD)
JP	JOINT POLE
G	GAS LINE
SD	STORM DRAIN
W	WATER LINE
SS	SANITARY SEWER
ROWD	REDWOOD TREE
ASPH	ASPHALT PAVING
SSCO	SANITARY SEWER CLEANOUT
BC	BEGIN CURVE
EC	END CURVE
PI	POINT OF INTERSECTION
BVC	BEGIN VERTICAL CURVE
EVC	END VERTICAL CURVE
SSMH	SANITARY SEWER MAN HOLE

CALL  
UNDERGROUND  
SERVICE ALERT  
1-800-642-2444  
AT LEAST 48 HOURS  
PRIOR TO EXCAVATION

# IMPROVEMENT PLANS FOR CONSTRUCTION OF AMERICORPS TRAIL AND ZIMPHER CREEK BRIDGE CROSSING CITY OF SEBASTOPOL, CALIFORNIA CITY CONTRACT NO. 2022-03

## INDEX OF SHEETS

- 1.TITLE SHEET
- 2.LAYOUT PLAN
- 3.PLAN & PROFILE - MAIN TRAIL STA 1+00 TO 4+00
- 4.PLAN & PROFILE - MAIN TRAIL STA 4+00 TO 9+00
- 5.PLAN & PROFILE - MAIN TRAIL STA 9+00 TO 14+00
- 6.PLAN & PROFILE - MAIN TRAIL STA 14+00 TO 19+00
- 7.PLAN & PROFILE - MAIN TRAIL STA 19+00 TO 22+00
- 8.PLAN & PROFILE - SUBTRAIL #1
- 9.PLAN & PROFILE - SUBTRAIL #2
- 10.TYPICAL SECTIONS
- S1.STRUCTURAL - GENERAL NOTES
- S2.STRUCTURAL - BRIDGE ABUTMENT
- S3.STRUCTURAL - PUNCHEON DECK

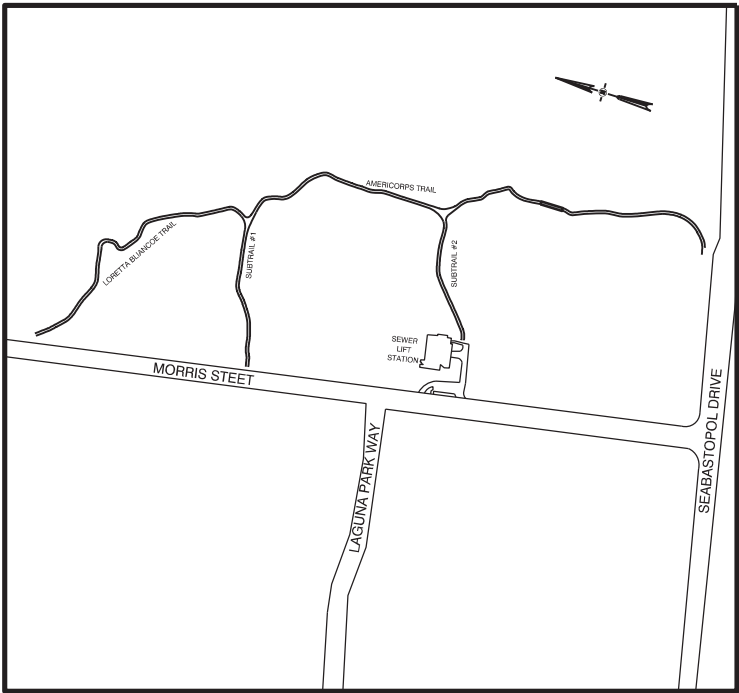
**PROJECT ENGINEER**  
KASL CONSULTING ENGINEERS  
7777 GREENBACK LANE, SUITE 104  
CITRUS HEIGHTS, CA 95610  
916-722-1800

**STRUCTURAL ENGINEER**  
VE SOLUTIONS  
7777 GREENBACK LANE, SUITE 104  
CITRUS HEIGHTS, CA 95610  
916-505-0519

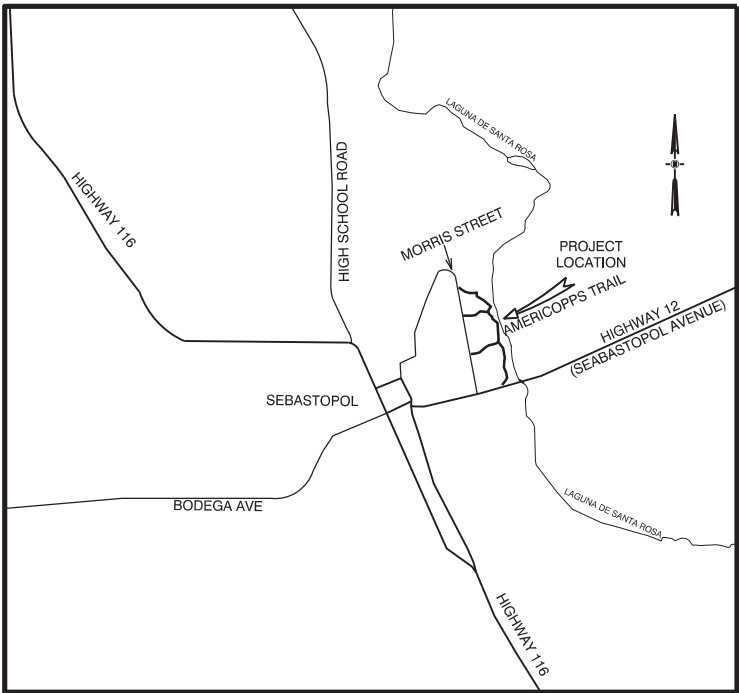
CONVENTIONAL SIGNS		
	EXISTING	PROPOSED
CENTERLINE		
RIGHT OF WAY		
LOT LINE		
EASEMENT		
EDGE OF PAVEMENT		
EDGE OF SHOULDER		
CURB-GUTTER & SIDEWALK		
CONTOUR		
FLOW LINE		
WATER MAIN		
SEWER MAIN		
STORM DRAIN		
SEWER SERVICE		
SEWER SERVICE		
SEWER SERVICE		
FIRE HYDRANT		
WATER SERVICE		
WATER VALVE & BOX		
DRAIN DROP INLET		
GAS MAIN		
GAS SERVICE		
TELEPHONE		
ELECTRICITY		
TELEVISION		
FENCE		
GUY WIRE & ANCHOR		
STREET LIGHT		
UTILITY POLE		
PULL BOX		
CONTROL PEDESTAL		

CITY OF SEBASTOPOL

APPROVED BY:  
  
MARIO LANDEROS, CITY ENGINEER CITY OF SEBASTOPOL DATE 4/18/23



VICINITY MAP  
NO SCALE



PROJECT LOCATION  
AMERICORPS TRAIL  
NO SCALE

PROJECT REPRESENTATIVES		
AGENCY	REPRESENTATIVES	PHONE
CITY ENGINEER	MARIO LANDEROS	(707) 236-1542
PROJECT ENGINEER	KASL CONSULTING ENGINEERS	(916) 722-1800
PG&E GAS	STEVE WILLIS	(707)-579-6189
U.S.A. NORTH		(800) 227-2600
		or (800) 642-2444

REVISIONS

NO.	DESCRIPTION	DATE	BY

BID SET

RELEASE 2  
DATE: APR 2023

SCALE: N.A.  
JOB NO. 6840-05

PROFESSIONAL ENGINEER  
KASL CONSULTING ENGINEERS  
No. 26388  
Exp. 3-31-24  
STATE OF CALIFORNIA  
REGISTERED

IMPROVEMENT PLANS FOR CONSTRUCTION OF  
AMERICORPS TRAIL AND ZIMPHER  
CREEK BRIDGE CROSSING  
CITY OF SEBASTOPOL

TITLE SHEET

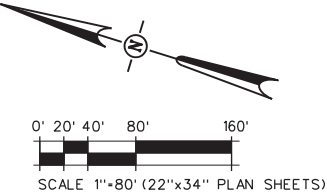
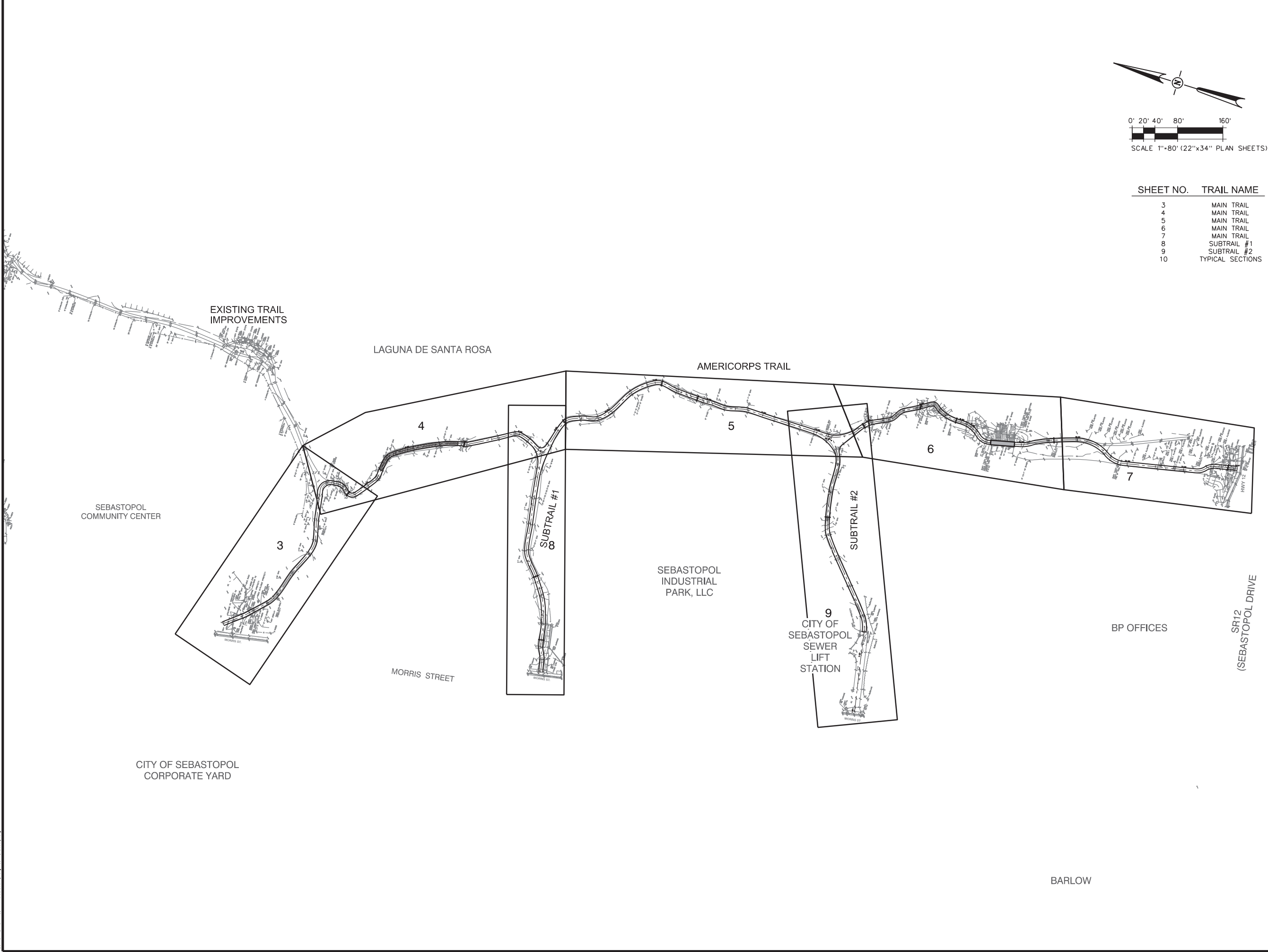
CONSULTING  
KASL  
ENGINEERS

7777 Greenback Lane  
Suite 104  
Citrus Heights, CA 95610  
Tel. (916) 722-1800  
Fax (916) 722-4595  
CIVIL - WATER RESOURCES - SURVEYING

SHEET 1 OF 13

FILE: S:\6840-05 AmerCorps Trail\Plan\01 TITLE.dgn  
PLOT: 4/18/23 10:54:00 AM User: mlanderos  
PLOT: 4/18/23 10:54:00 AM User: mlanderos  
PLOT: 4/18/23 10:54:00 AM User: mlanderos

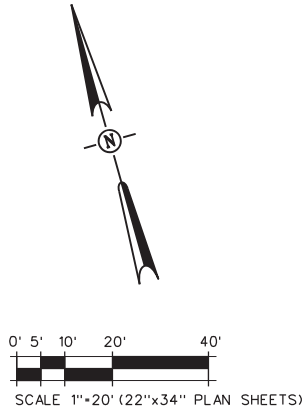
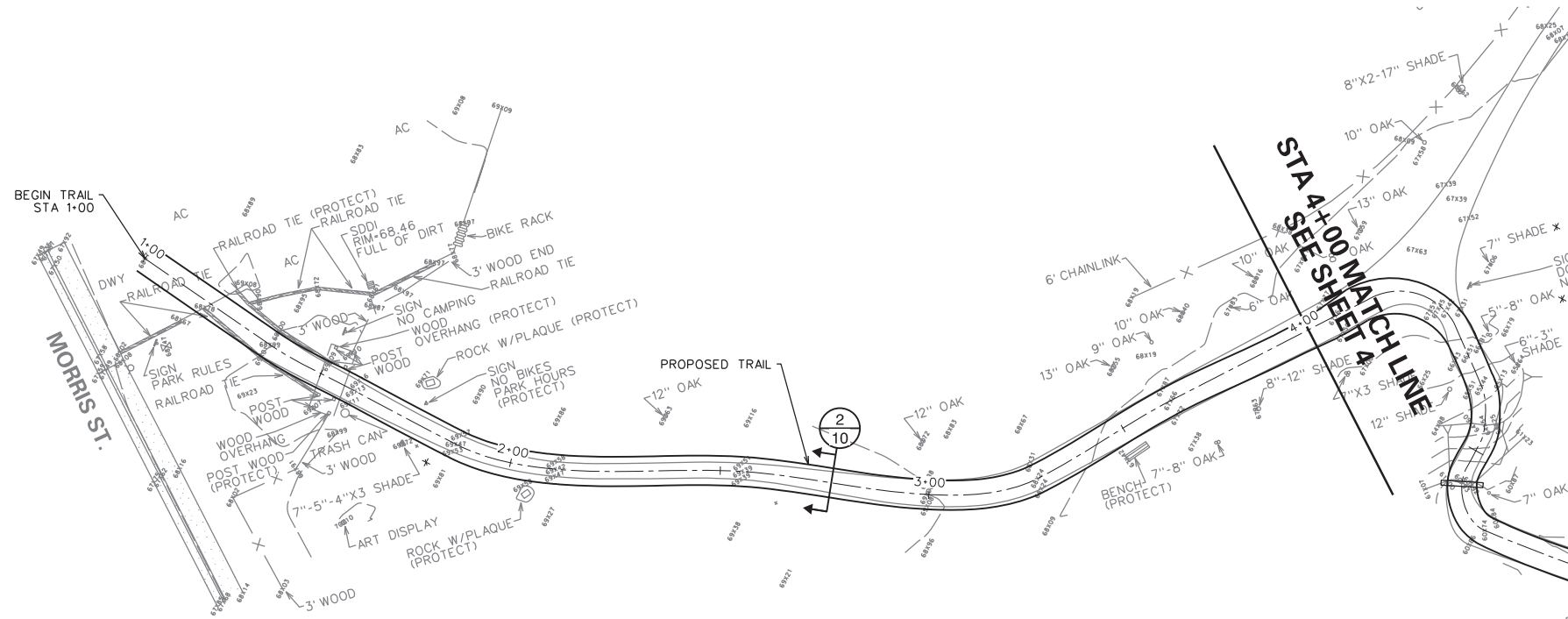
FILE: S:\6840-05 AmerCorps Trail\Plan\02 LAYOUT PLN.dgn  
PLOT: 11/16/2023 10:40:05 AM Scale: 1"=80' (22"x34" PLAN SHEETS)  
PLOT: 11/16/2023 10:40:05 AM Scale: 1"=80' (22"x34" PLAN SHEETS)



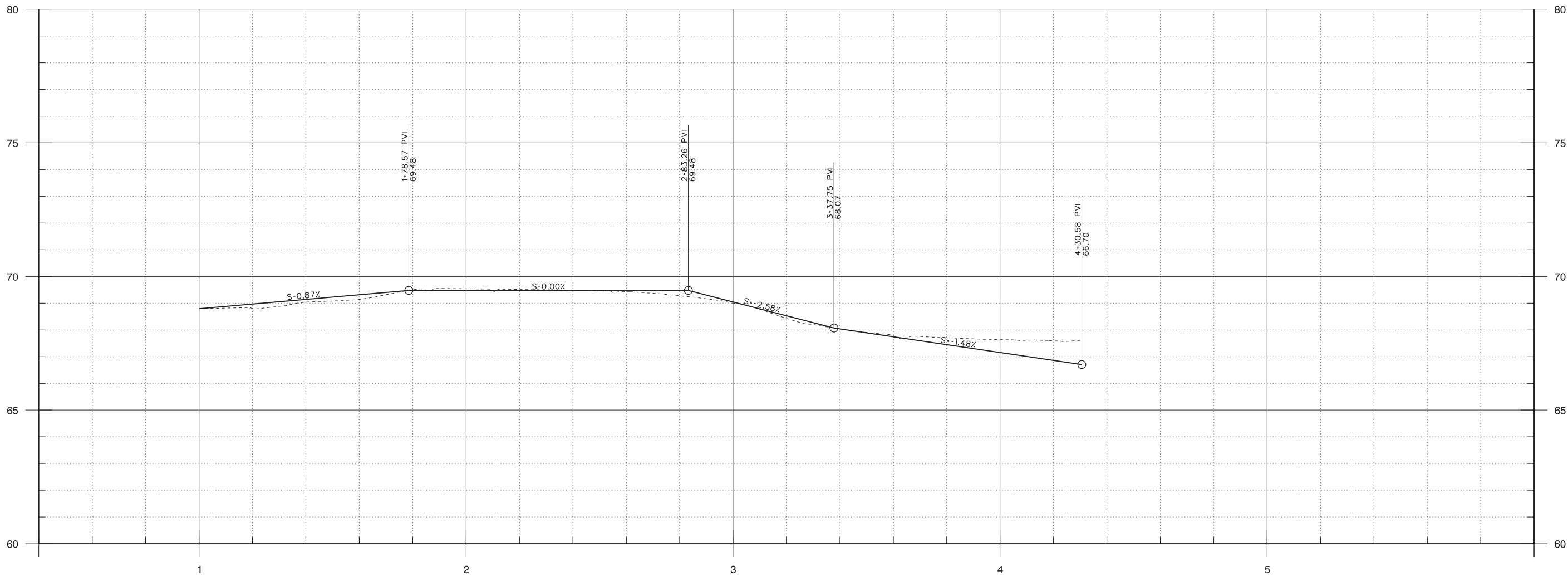
SHEET NO.	TRAIL NAME
3	MAIN TRAIL
4	MAIN TRAIL
5	MAIN TRAIL
6	MAIN TRAIL
7	MAIN TRAIL
8	SUBTRAIL #1
9	SUBTRAIL #2
10	TYPICAL SECTIONS

<b>CONSULTING</b> <b>KASL</b> <b>ENGINEERS</b> CIVIL - WATER RESOURCES - SURVEYING	IMPROVEMENT PLANS FOR CONSTRUCTION OF <b>AMERICORPS TRAIL AND ZIMPHIER CREEK BRIDGE CROSSING</b> CITY OF SEBASTOPOL			<b>BID SET</b>		REVISIONS	
	LAYOUT PLAN			NO.	DESCRIPTION	DATE	BY
SHEET 2 OF 13		JOB NO. 6840-05		SCALE: 1"=80' (22"x34" PLAN SHEETS)		RELEASE 2	
						DATE: APR 2023	

BARLOW



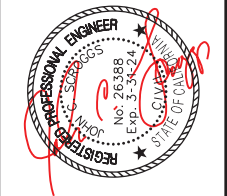
**AMERICORPS TRAIL** ✕TRIM EXISTING VEGETATION CLEAR OF PROPOSED TRAIL



FILE: S:\1640-05\_Americorps Trail\Plan\03\_Main Trail\_Lay1  
PLOT: 1640-05\_Americorps Trail\Plan\03\_Main Trail\_Lay1  
PLOT: 1640-05\_Americorps Trail\Plan\03\_Main Trail\_Lay1

NO.	DESCRIPTION	REVISIONS	
		DATE	BY

<b>BID SET</b>		RELEASE 2	
		SCALE:	DATE: APR 2023
JOB NO. 6840-05			



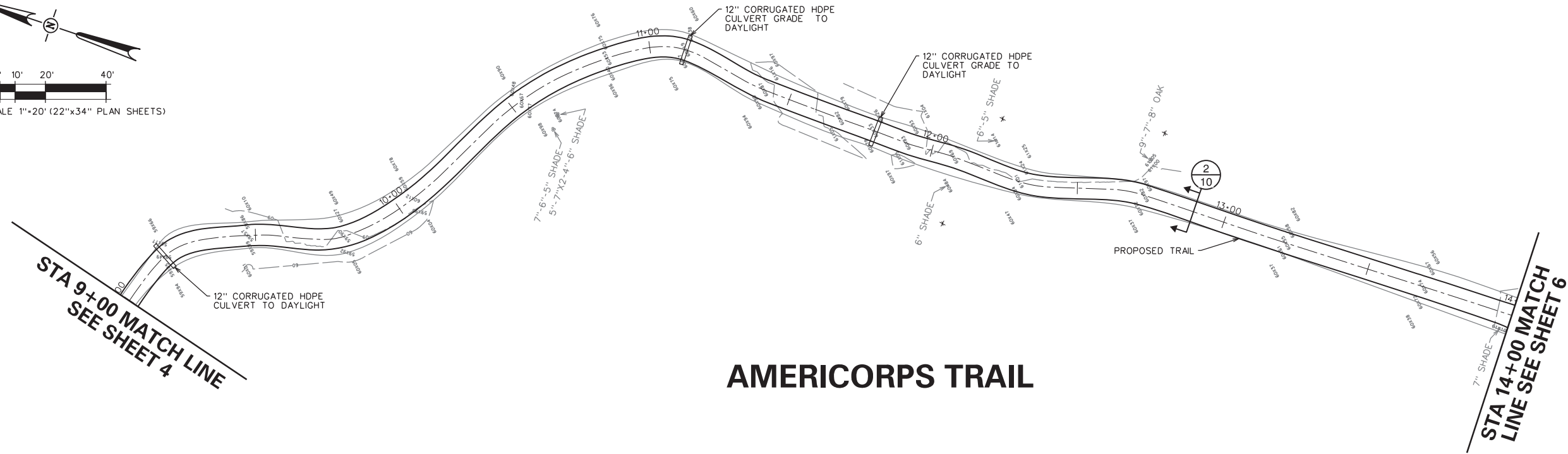
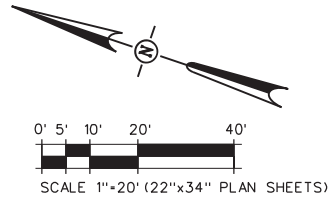
IMPROVEMENT PLANS FOR CONSTRUCTION OF  
**AMERICORPS TRAIL AND ZIMPHER**  
**CREET BRIDGE CROSSING**  
CITY OF SEBASTOPOL

**PLAN & PROFILE - MAIN TRAIL**  
**STA 1+00 TO 4+00**

**CONSULTING**  
**KASL**  
**ENGINEERS**

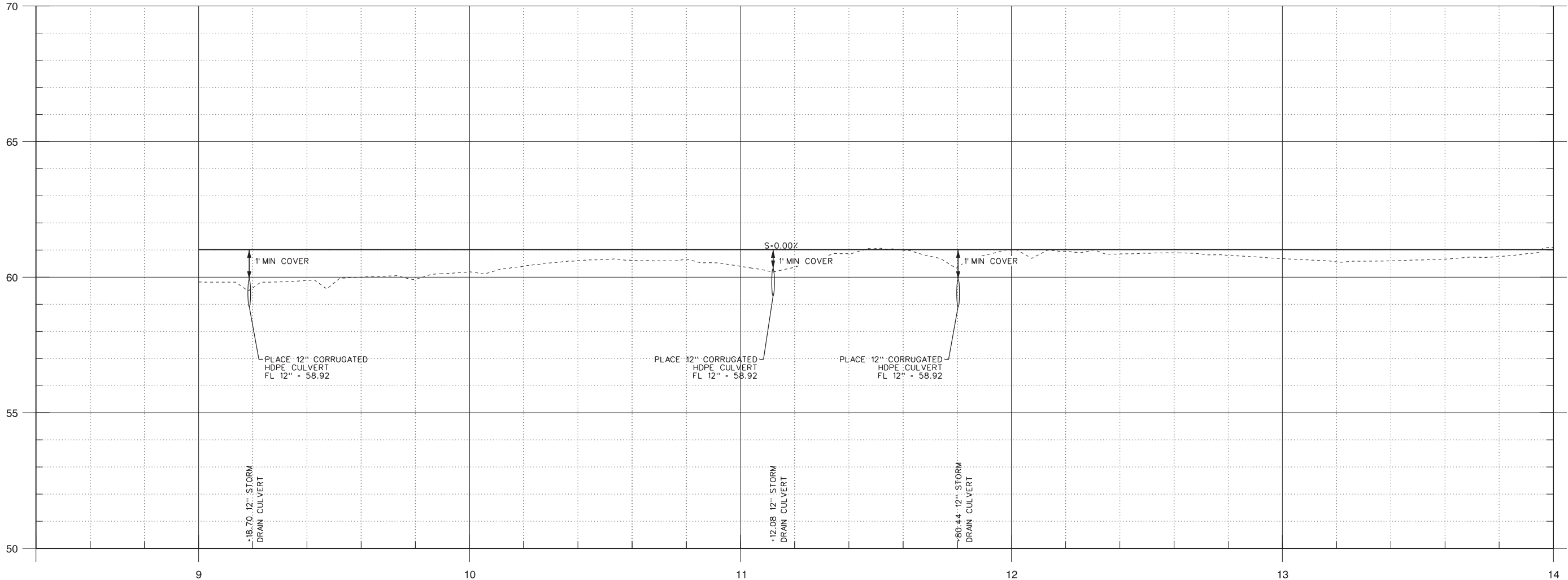
7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4995  
CIVIL - WATER RESOURCES - SURVEYING





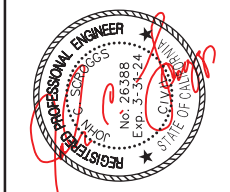
AMERICORPS TRAIL

\* TRIM EXISTING VEGETATION CLEAR OF PROPOSED TRAIL



NO.	REVISIONS DESCRIPTION	DATE		BY

BID SET		RELEASE 2	
		SCALE:	DATE: APR 2023
JOB NO. 6840-05			



IMPROVEMENT PLANS FOR CONSTRUCTION OF  
**AMERICORPS TRAIL AND ZIMPHER  
CREET BRIDGE CROSSING**  
CITY OF SEBASTOPOL

**PLAN & PROFILE - AMERICORPS  
TRAIL STA 9+00 TO 14+00**

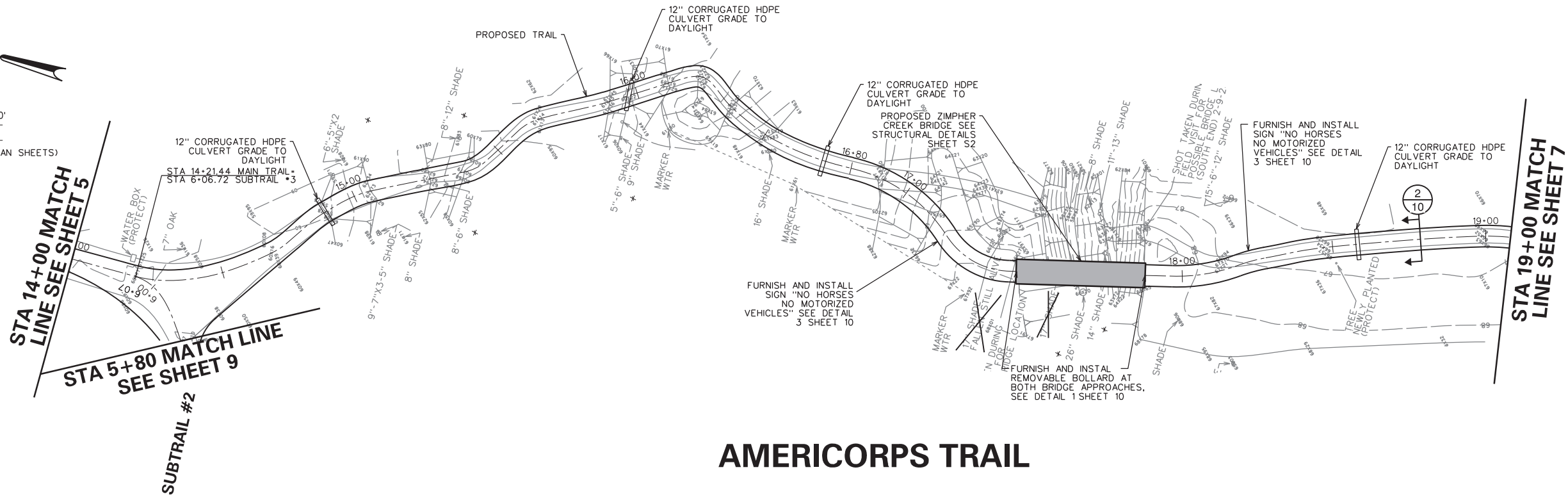
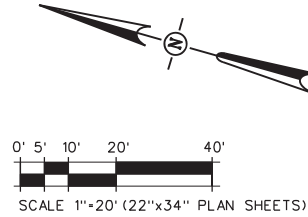
**CONSULTING**  
**KASL**  
**ENGINEERS**

7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4995

CIVIL - WATER RESOURCES - SURVEYING

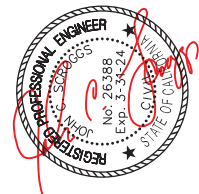
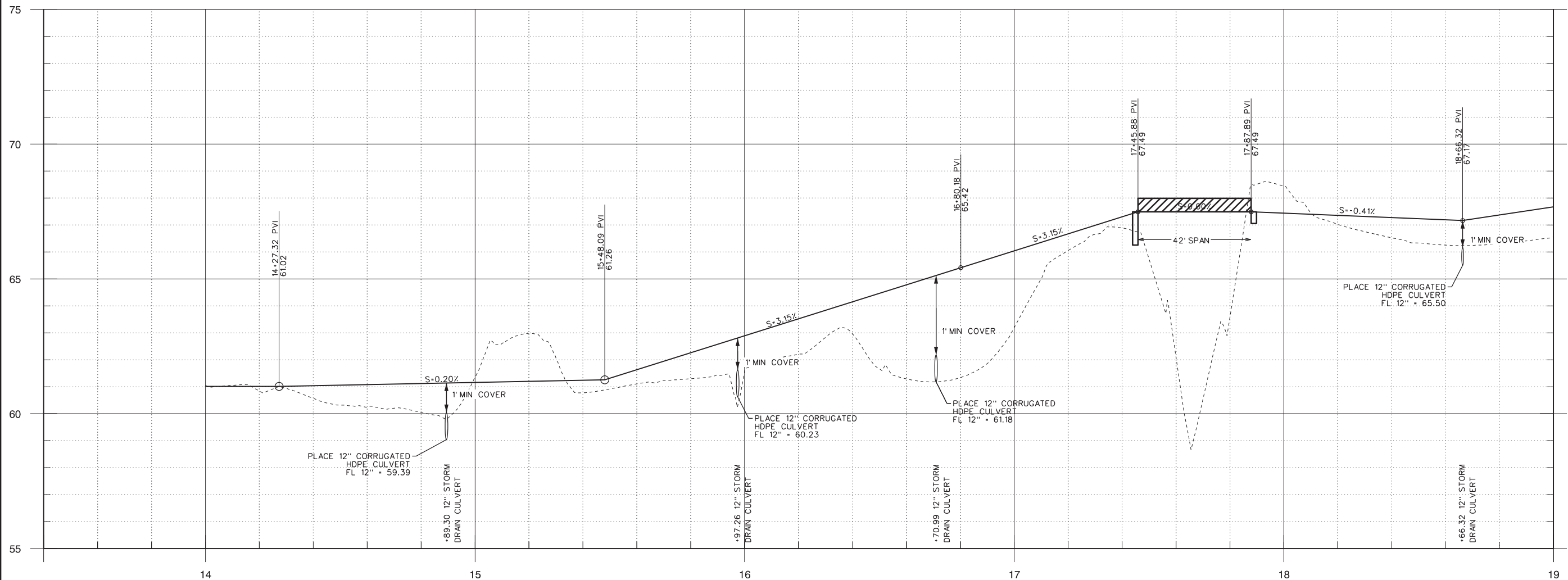


FILE: S:\1840-05 AmerCorps Trail\Plan\05 MAIN TRAIL.dgn  
PLOT: 1840-05 AmerCorps Trail\Plan\05 MAIN TRAIL.dgn  
PLOT: 1840-05 AmerCorps Trail\Plan\05 MAIN TRAIL.dgn



## AMERICORPS TRAIL

- \* TRIM EXISTING VEGETATION CLEAR OF PROPOSED TRAIL
- X REMOVE EXISTING VEGETATION CLEAR OF EXISTING TRAIL



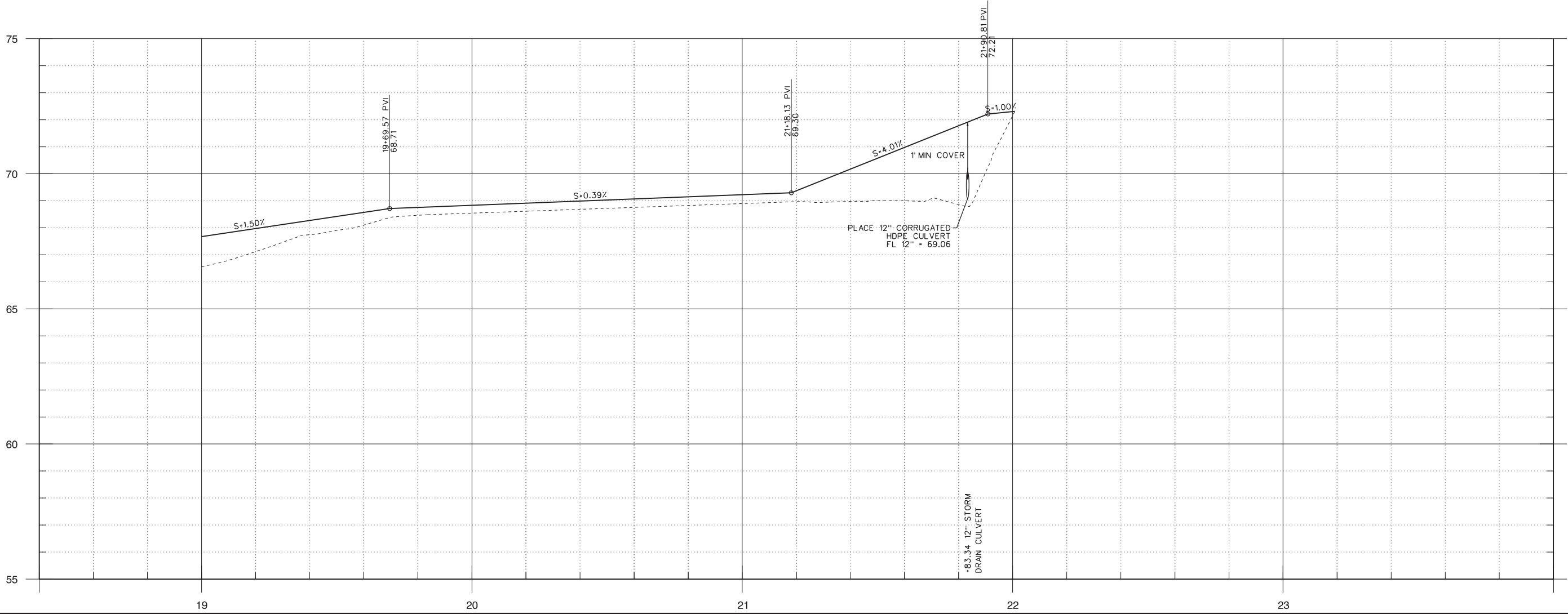
IMPROVEMENT PLANS FOR CONSTRUCTION OF  
**AMERICORPS TRAIL AND ZIMMER CREEK BRIDGE CROSSING**  
CITY OF SEBASTOPOL  
**PLAN & PROFILE - AMERICORPS TRAIL STA 14+00 TO 19+00**

**KASL**  
ENGINEERS  
7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4995  
CIVIL - WATER RESOURCES - SURVEYING

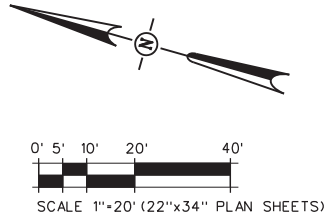
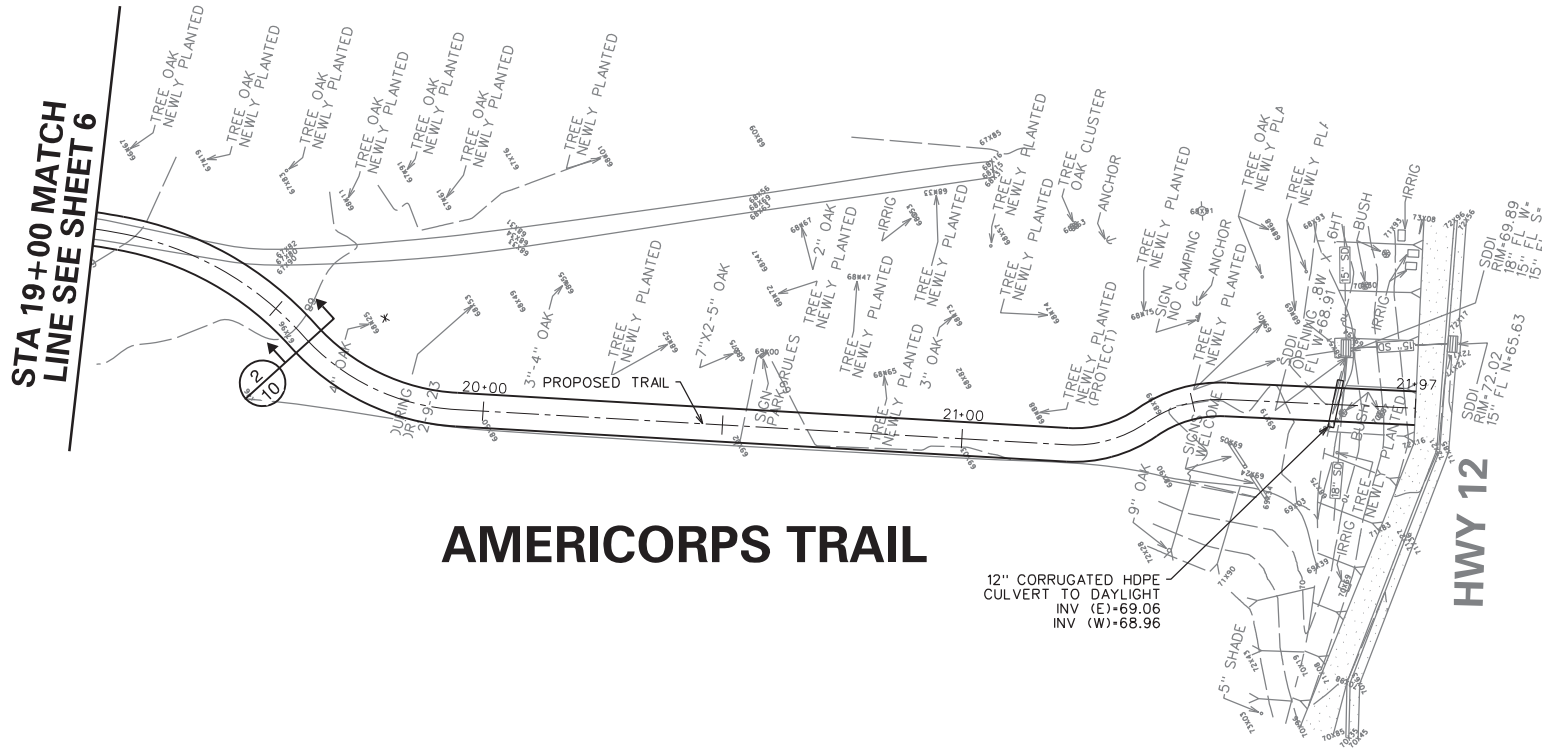
REVISIONS		DATE	BY
NO.	DESCRIPTION		

<b>BID SET</b>		RELEASE 2	DATE: APR 2023
		SCALE: JOB NO. 6840-05	

FILE: S:\6840-05 AmerCorps Trail\Plan\07 Main Trail.dwg  
PLOT: 6840-05 AmerCorps Trail\Plan\07 Main Trail.dwg  
PLOT: 6840-05 AmerCorps Trail\Plan\07 Main Trail.dwg  
PLOT: 6840-05 AmerCorps Trail\Plan\07 Main Trail.dwg

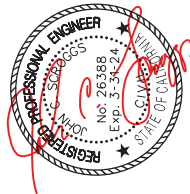


\* TRIM EXISTING VEGETATION CLEAR OF PROPOSED TRAIL



CONSULTING  
**KASL**  
ENGINEERS  
CIVIL - WATER RESOURCES - SURVEYING  
7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4595

IMPROVEMENT PLANS FOR CONSTRUCTION OF  
**AMERICORPS TRAIL AND ZIMPHER  
CREET BRIDGE CROSSING**  
CITY OF SEBASTOPOL  
**PLAN & PROFILE - AMERICORPS  
TRAIL STA 19+00 TO 22+22**

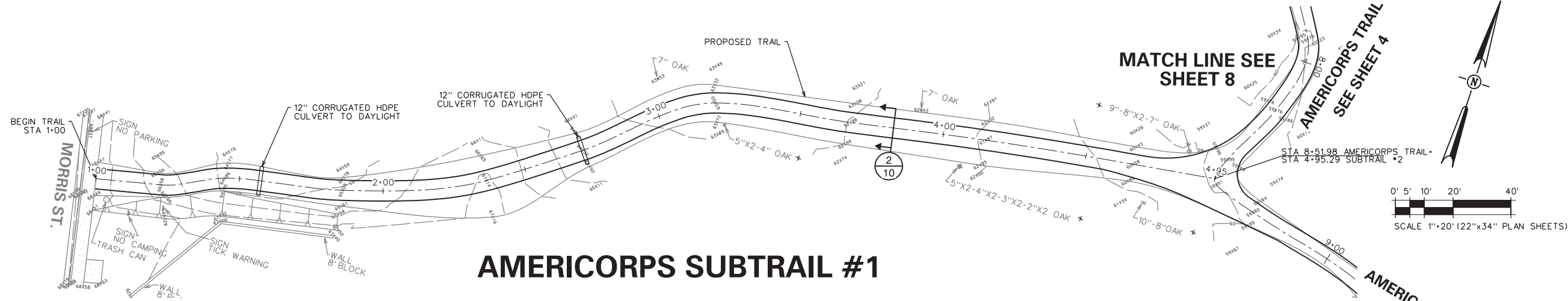


**BID SET**

SCALE:  
JOB NO. 6840-05  
RELEASE 2  
DATE: APR 2023

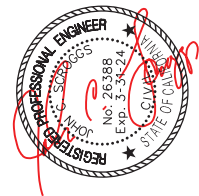
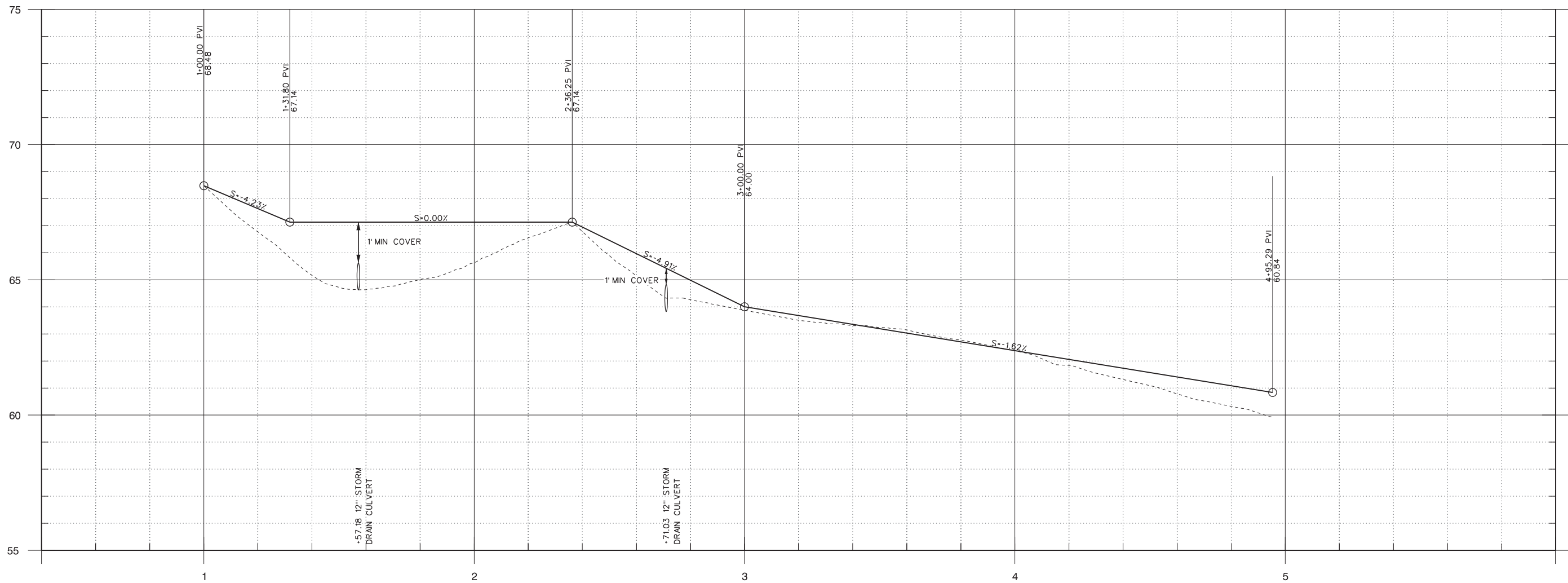
NO.	DESCRIPTION	REVISIONS	
		DATE	BY

FILE: S:\16840-05 AmerCorps Trail\Plan\08 SUBTRAIL 1.dgn  
PLOT: 16840-05 AmerCorps Trail\Plan\08 SUBTRAIL 1.dgn  
PLOT: 16840-05 AmerCorps Trail\Plan\08 SUBTRAIL 1.dgn  
PLOT: 16840-05 AmerCorps Trail\Plan\08 SUBTRAIL 1.dgn



## AMERICORPS SUBTRAIL #1

\* TRIM EXISTING VEGETATION CLEAR OF PROPOSED TRAIL



IMPROVEMENT PLANS FOR CONSTRUCTION OF  
**AMERICORPS TRAIL AND ZIMPHER  
CREET BRIDGE CROSSING**  
CITY OF SEBASTOPOL

**PLAN & PROFILE - SUBTRAIL #1**

**KASL**  
ENGINEERS  
7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4995  
CIVIL - WATER RESOURCES - SURVEYING

SHEET 8 OF 13

NO.	DESCRIPTION	DATE	BY

**BID SET**

RELEASE 2

DATE: APR 2023

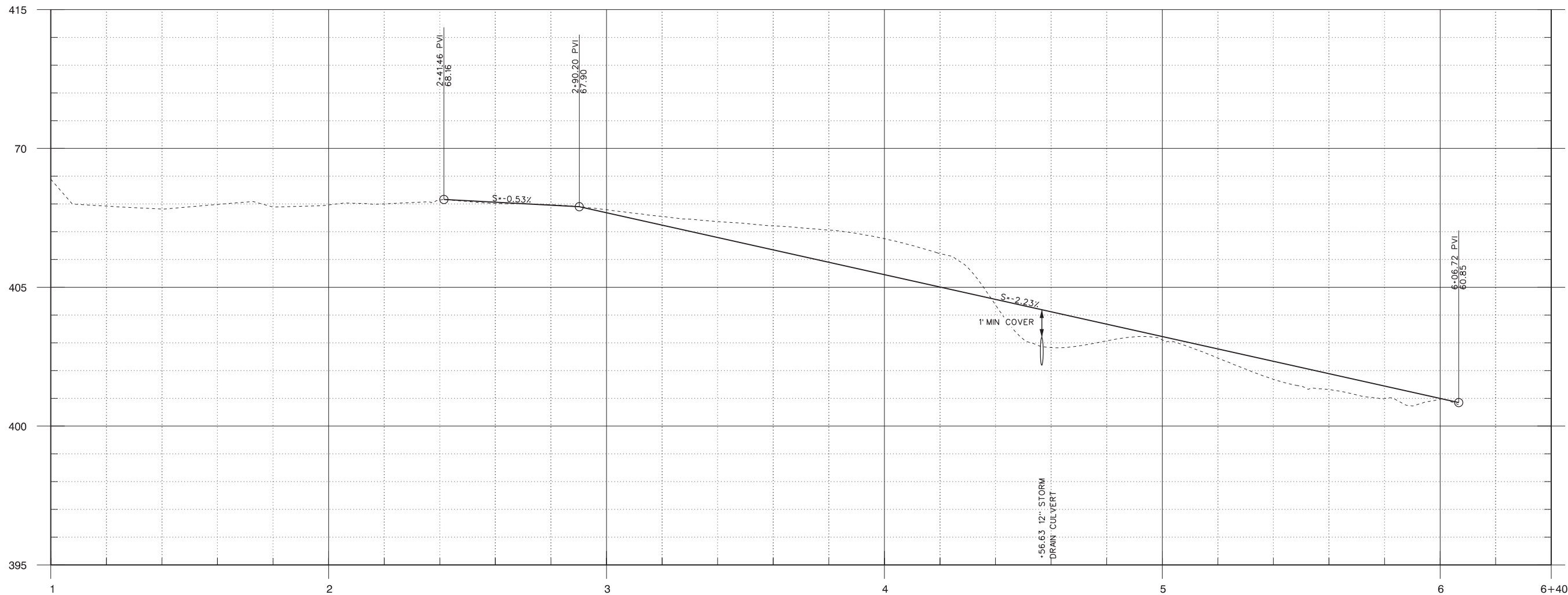
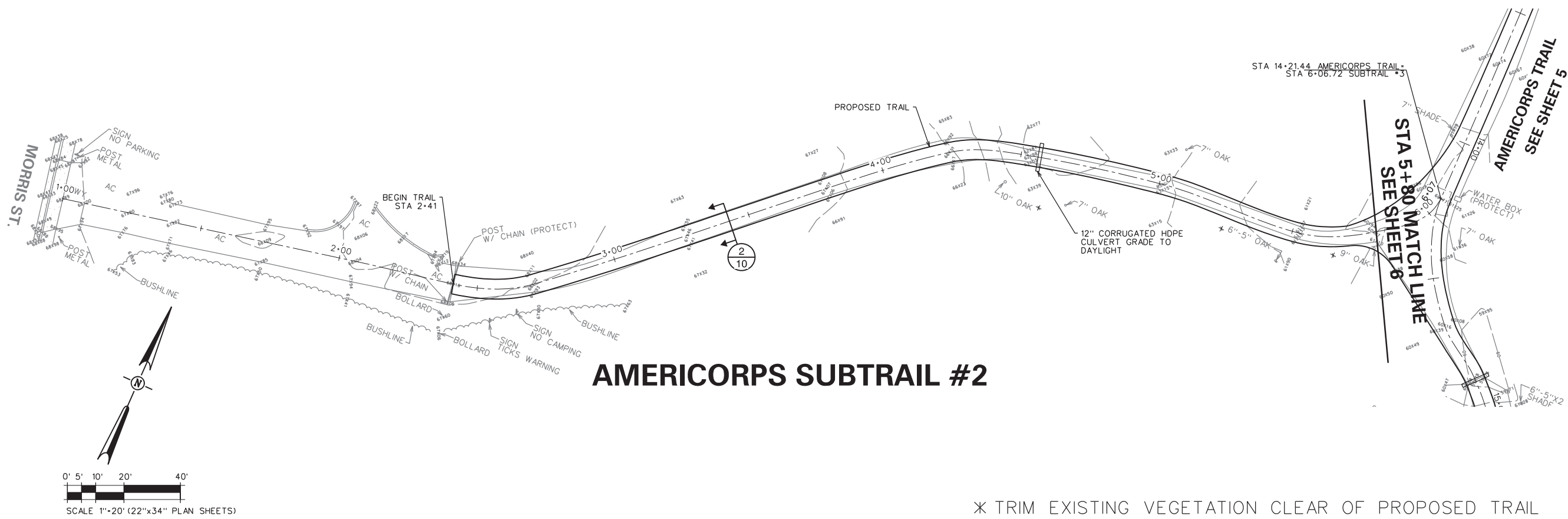
SCALE:

JOB NO. 6840-05

IF THIS SHEET IS LESS THEN 22" X 34" IT IS AT A REDUCED PRINT, SCALE ACCORDINGLY



FILE: S:\6840-05 AmerCorps TrailPlan\09 Subtrail 2.dgn  
PLOT: 6840-05 AmerCorps TrailPlan\09 Subtrail 2 Scale: 1"=20'  
PLOT DATE: 3/16/24 PLOT BY: J. H. HARRIS



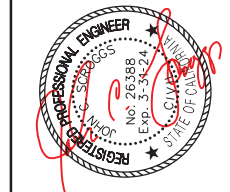
CONSULTING  
**KASL**  
ENGINEERS  
CIVIL - WATER RESOURCES - SURVEYING

7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4595

SHEET 9 OF 13

AMERICORPS TRAIL AND ZIMPHIER CREEK BRIDGE CROSSING  
CITY OF SEBASTOPOL

**PLAN & PROFILE - SUBTRAIL #2**



**BID SET**

SCALE: JOB NO. 6840-05

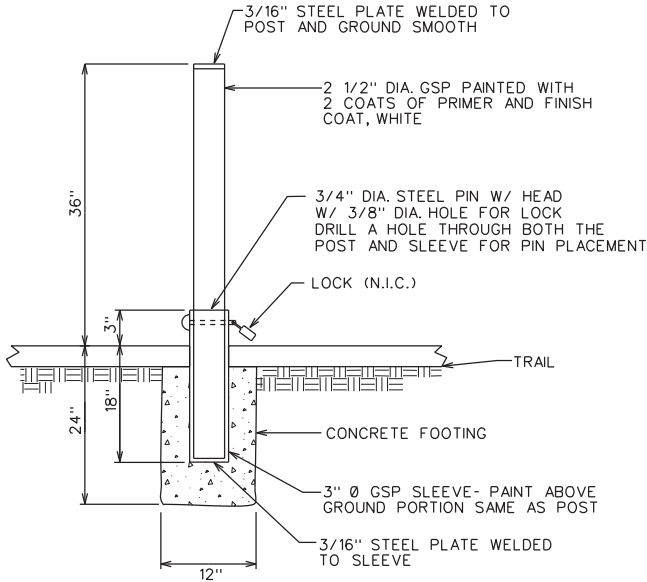
RELEASE 2 DATE: APR 2023

NO.	DESCRIPTION	DATE	BY

REVISIONS

IF THIS SHEET IS LESS THEN 22" X 34" IT IS AT A REDUCED PRINT, SCALE ACCORDINGLY

FILE: S:\1840-05 AmerCorps TrailPlan.DWG TYPICAL SECTIONS.dwg  
PLOT: 11/16/2023 10:05 AM User: jason.ryan  
PLOT: 11/16/2023 10:05 AM User: jason.ryan  
PLOT: 11/16/2023 10:05 AM User: jason.ryan

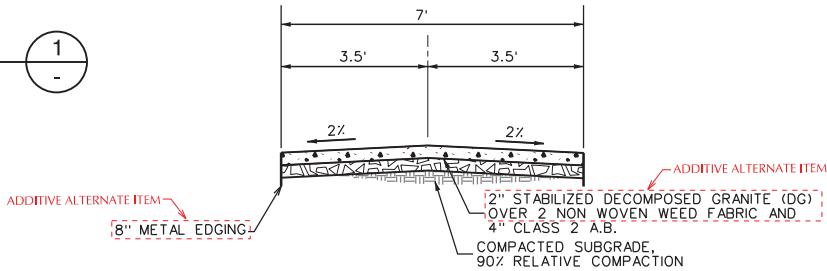


ELEVATION

REMOVABLE BOLLARD

NO SCALE

1  
-



TYPICAL TRAIL SECTION

NO SCALE

NOTES:

- FURNISH AND INSTALL NON WOVEN WEED FABRIC MATERIAL ON LEVEL AND COMPACTED CLASS 2 A.B. OVERLAP FABRIC EDGED MIN 6". SECURE OUTSIDE EDGE OF FABRIC WITH METAL EDGING
- SECURE METAL EDGE WITH METAL STAKES AT NOT MORE THEN 5 FOOT INTERVALS. INSTALL EDGE STAKES AT BEGINNING AND END OF EDGE SECTION. TOP OF METAL EDGE TO EXTEND ±1/4" ABOVE FINISHED DG SURFACE.

2  
-



NOTE: SIGN TO BE MOUNTED AT BOTH BRIDGE APPROACHES  
POST WISE OR BRIDGE WISE AS DIRECTED BY ENGINEER

NO HORSES NO MOTOR VEHICLES SIGN

NO SCALE

3  
-

IMPROVEMENT PLANS FOR CONSTRUCTION OF  
AMERICORPS TRAIL AND ZIMPHIER  
CREET BRIDGE CROSSING  
CITY OF SEBASTOPOL

TYPICAL SECTIONS

CONSULTING  
**KASL**  
ENGINEERS  
CIVIL - WATER RESOURCES - SURVEYING

7777 Greenback Lane  
Suite 104  
Climax Heights, CA 95610  
Tel: (916) 722-1800  
Fax: (916) 722-4595

BID SET

RELEASE 2

DATE: APR 2023

SCALE:

JOB NO. 6840-05

REVISIONS

DESCRIPTION

NO.

DATE

BY

## 1. INTERPRETATION OF DRAWINGS & SPECIFICATIONS

1. ALL SAWN LUMBER SHALL BE DOUGLAS FIR-LARCH AS GRADED BY THE WEST COAST LUMBER INSPECTION

- | BOLT DIAMETER              | MI WASHER  | STEEL WASHER   |
|----------------------------|--|--|
| $\frac{5}{8}" \varnothing$ | $2\frac{3}{4}" \varnothing \times \frac{3}{16}"$ | $3" \times 3\frac{3}{4}"$                                |
| $\frac{3}{4}" \varnothing$ | $3" \varnothing \times \frac{1}{8}"$             | $3" \times 3" \times \frac{5}{16}"$                      |
| $\frac{7}{8}" \varnothing$ | $3\frac{1}{2}" \varnothing \times \frac{1}{8}"$  | $3\frac{1}{2}" \times 3\frac{1}{2}" \times \frac{3}{8}"$ |
| $1" \varnothing$           | $4" \varnothing \times \frac{1}{2}"$             | $3\frac{3}{4}" \times 3\frac{3}{4}" \times \frac{3}{8}"$ |

1. CODE: 2022 CALIFORNIA BUILDING CODE (CBC)



## AMERICORPS TRAIL

## GENERAL NOTES

The contractor shall verify and be responsible for all dimensions and conditions on the job and this office must be notified in writing of any variation from the dimensions and conditions shown by these drawings.

*This drawing is not final or to be used for construction until signed by the Engineer and owner.*

*All drawings and written material appearing herein constitute the original and unpublished work of the Engineer and the same may not be duplicated, used or disclosed without written consent of the Engineer.*

Drawing No.

# S1.0



## AMERICORPS TRAIL

## BRIDGE ABUTMENT

*All drawings and written material appearing herein constitute the original and unpublished work of the Engineer and the same may not be duplicated, used or disclosed without written consent of the Engineer.*

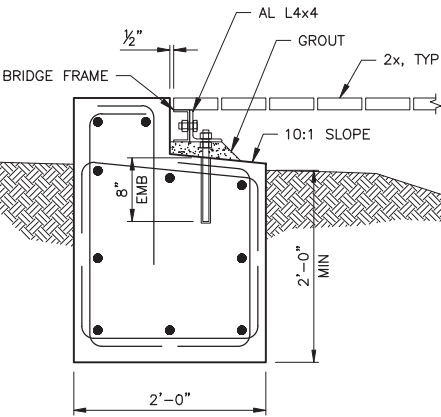
Job No.	22091
Date	2/23/2023

## S2.0

2 OF 3 SHEETS



2x6 PT FLAT W/ (2) #10 SS  
DECK SCREWS EA CONTACT



SCALE: 1"=1'-0"

FILE SPEC: Z:\22000 Jobs\22075\22091 AmeriCorps Trail Bridge Abutments\CAD\22091 02 Plan & Section.dwg  
PLOT DATE: Apr 18, 2023 - 2:40pm



AMERICORPS TRAIL

# PUNCHEON DECK

All drawings and written material appearing herein constitute the original and unpublished work of the Engineer and the same may not be duplicated, used or disclosed without written consent of the Engineer.

Drawing No.

.....  
3 OF 3 SHEETS



SCALE:  $\frac{1}{2}"=1'-0"$



SCALE: 1"=1'-0"