ABREVIATIONS

STATION
DROP INLET
MANHOLE
PUBLIC UTILITY EASEMENT
EDGE OF PAVEMENT
ECHTER LINE
RIGHT OF WAY
PROPERTY LINE
CONCRETE
IRRIGATION
METERS
WATER VALVE
ASBESTIOS CEMENT PIPE
FIRE HYDRANT
SIGN

ASBESTOS CEMENT PIPE
FIRE HYDRANT
SIGN
CORRIGATED METAL PIPE
TELEPHONE (UNDER GROUND)
TELEPHONE (UNDER GROUND)
TELEPHONE
PEDESTAL
ELECTRICAL LINE (UNDER GROUND)
ELECTRICAL LINE (OVERHEAD)
JOINT POLE
GAS LINE
STORM DRAIN
WATER LINE
SANITARY SEWER
REDWOOD TREE
ASPHALT PAVING
SANITARY SEWER CLEANOUT
BEGIN CURVE
END CURVE
POINT OF INTERSECTION
BEGIN VERTICAL CURVE
END VERTICAL CURVE
SANITARY SEWER MAN HOLE

CENTERLINE

LOT LINE

CONTOUR

WATER MAIN

SEWER MAIN

STORM DRAIN

SEWER SERVICE

SEWER SERVICE

SEWER SERVICE

WATER SERVICE

GAS SERVICE

TELEPHONE

ELECTRICITY

TELEVISION FENCE

STREET LIGHT

UTILITY POLE

CONTROL PEDESTA

PULL BOX

WATER VALVE & BOX

RIGHT OF WAY

EDGE OF SHOULDER

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

PROPOSED

-----8"SS-----

— 4"SS —

 \times

---(12"SD]-----

CONVENTIONAL SIGNS

EXISTING

10" W

-----8"SS-----

`---4"\$\$----

---- 4"SS ----

1-5/-----

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---- 2"G ----

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---- CATV(UG)----

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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

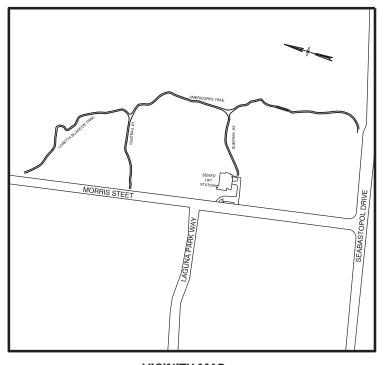
S3.STRUCTURAL - PUNCHEON DECK

PROJECT ENGINEER

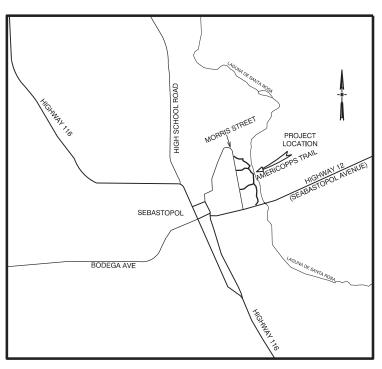
KASL CONSULTING ENGINEERS 7777 GREENBACK LANE, SUITE 104 CITRUS HEIGHTS CA 95610 916-722-1800

STRUCTURAL ENGINEER

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



VICINITY MAP NO SCALE



	THE THE PARTY OF T	L To	NT PLANS FOR CC RPS TRAIL A F BRIDGE CF CITY OF SEBASTO	TITLE SHEE
	PROJECT LOCATION AMERICORPS TRAIL NO SCALE		IMPROVEMENT AMERICORI CREET C	_
PROJ	JECT REPRESENTATIVES		7	
AGENCY	REPRESENTATIVES	PHONE		
CITY ENGINEER	MARIO LANDEROS	(707) 236-1542	CONSULTING	7777 Greenback Lane
PROJECT ENGINEER	KASL CONSULTING ENGINEERS	(916) 722-1800	16.0.6.1	Suite 104
PG&E GAS	STEVE WILLIS	(707)-579-6189	KASL	Citrus Heights, CA 95610 Tel. (916) 722-1800
U.S.A. NORTH		(800) 227-2600	ENGINEERS	Fax (916) 722-1600 Fax (916) 722-4595
		or (800) 642-2444		URCES - SURVEYING
			SHEET	1 of 13

CITY OF SEBASTOPOL

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

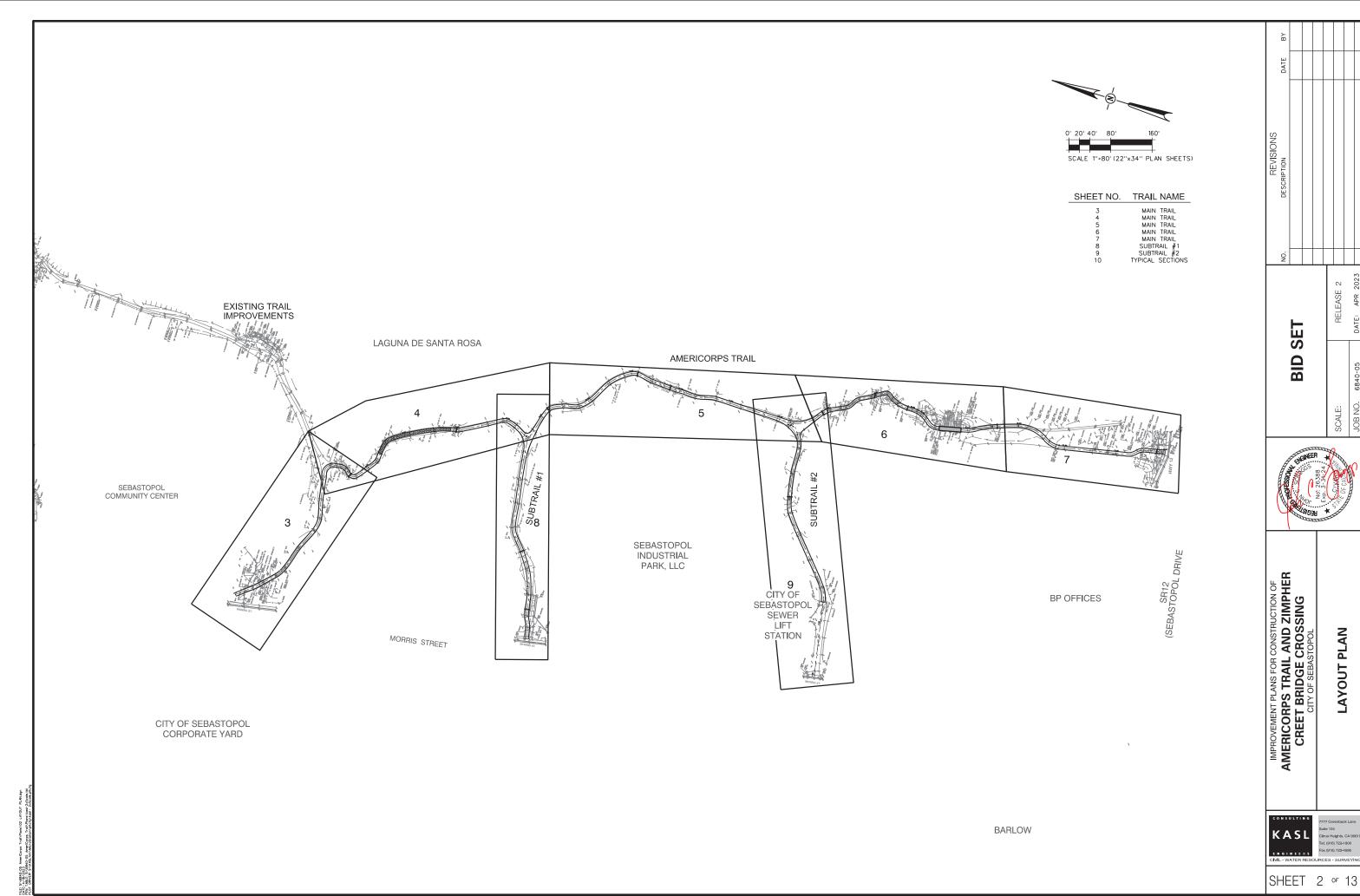
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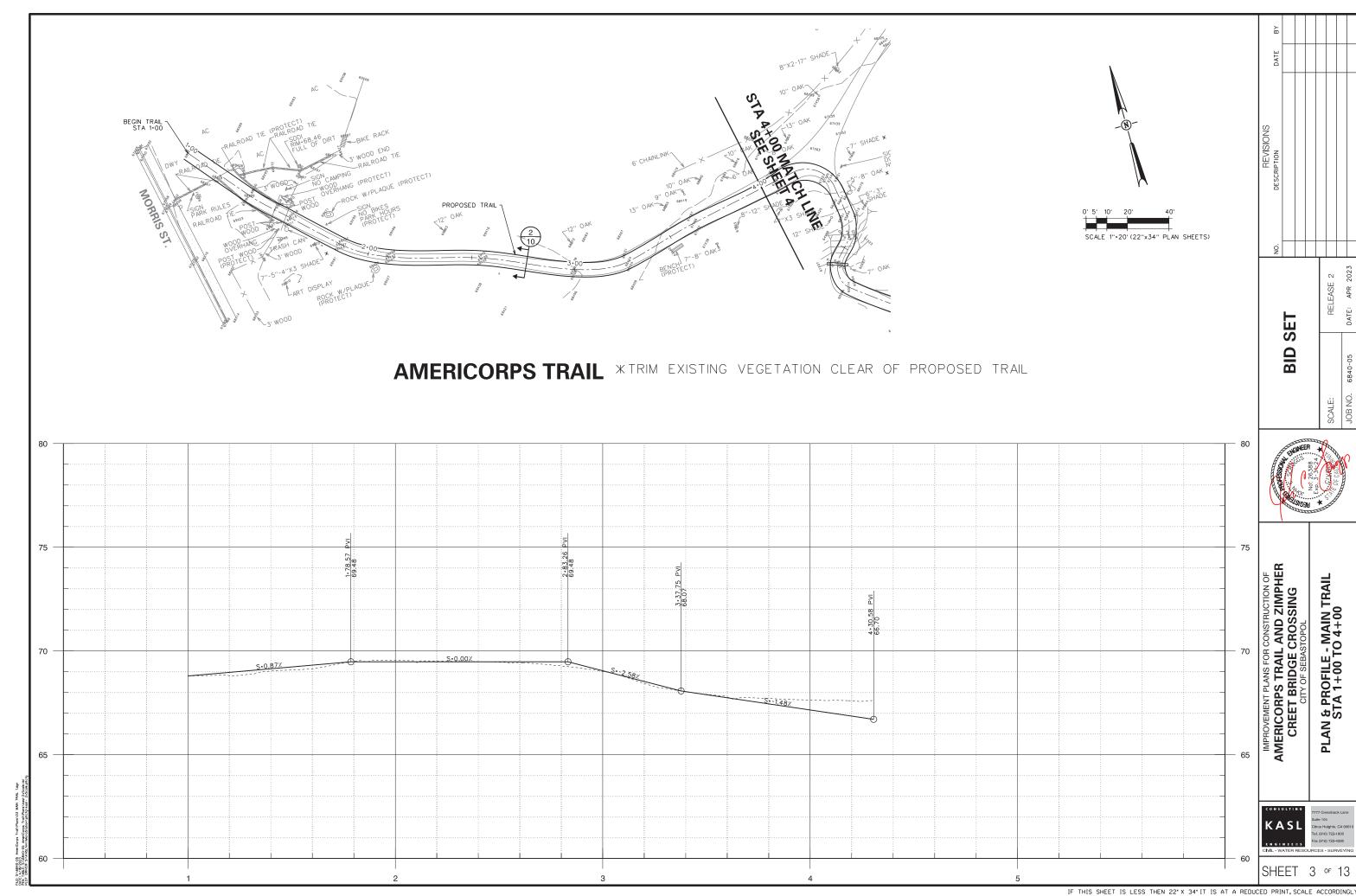
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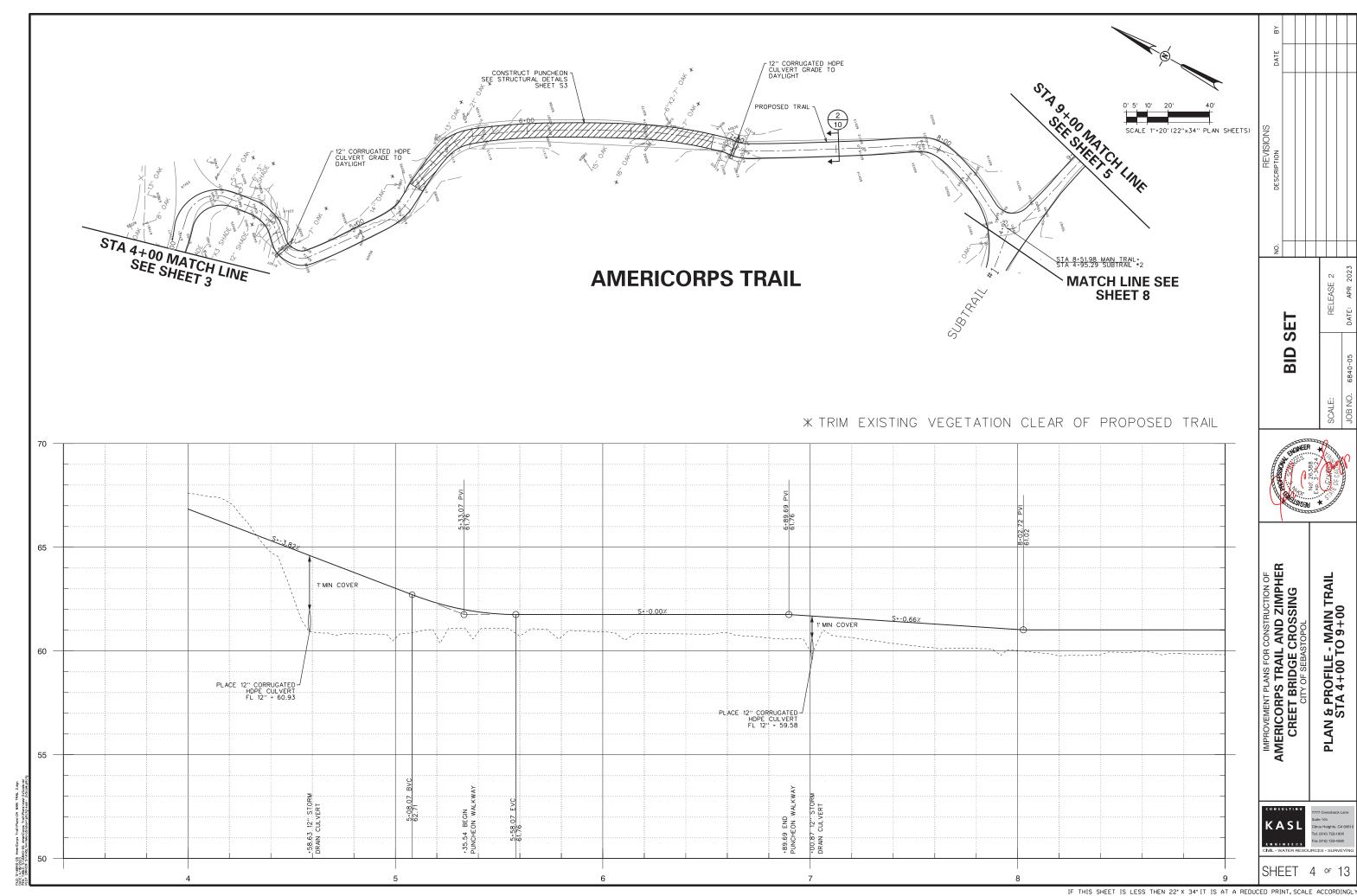
CROSSING

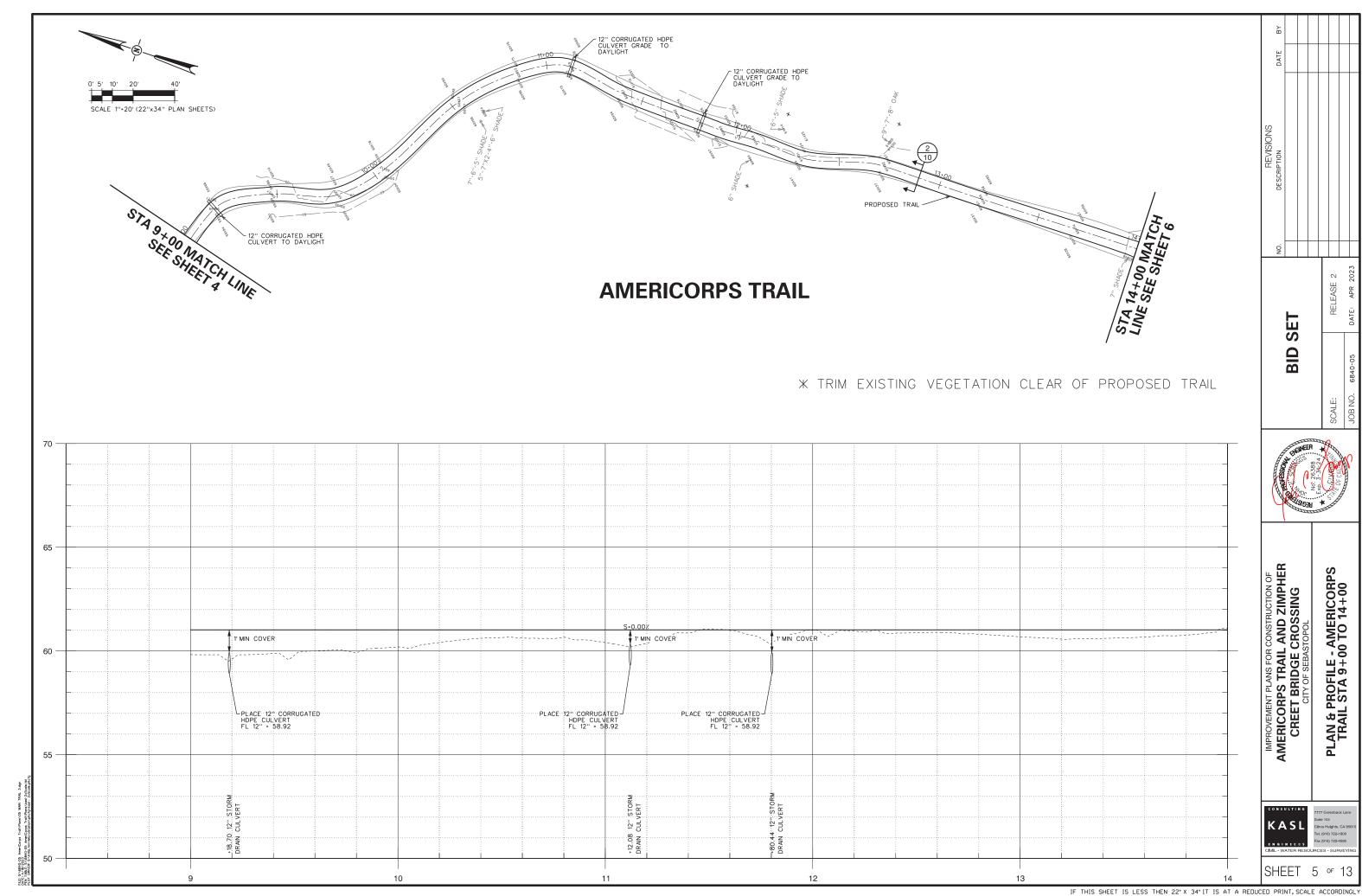


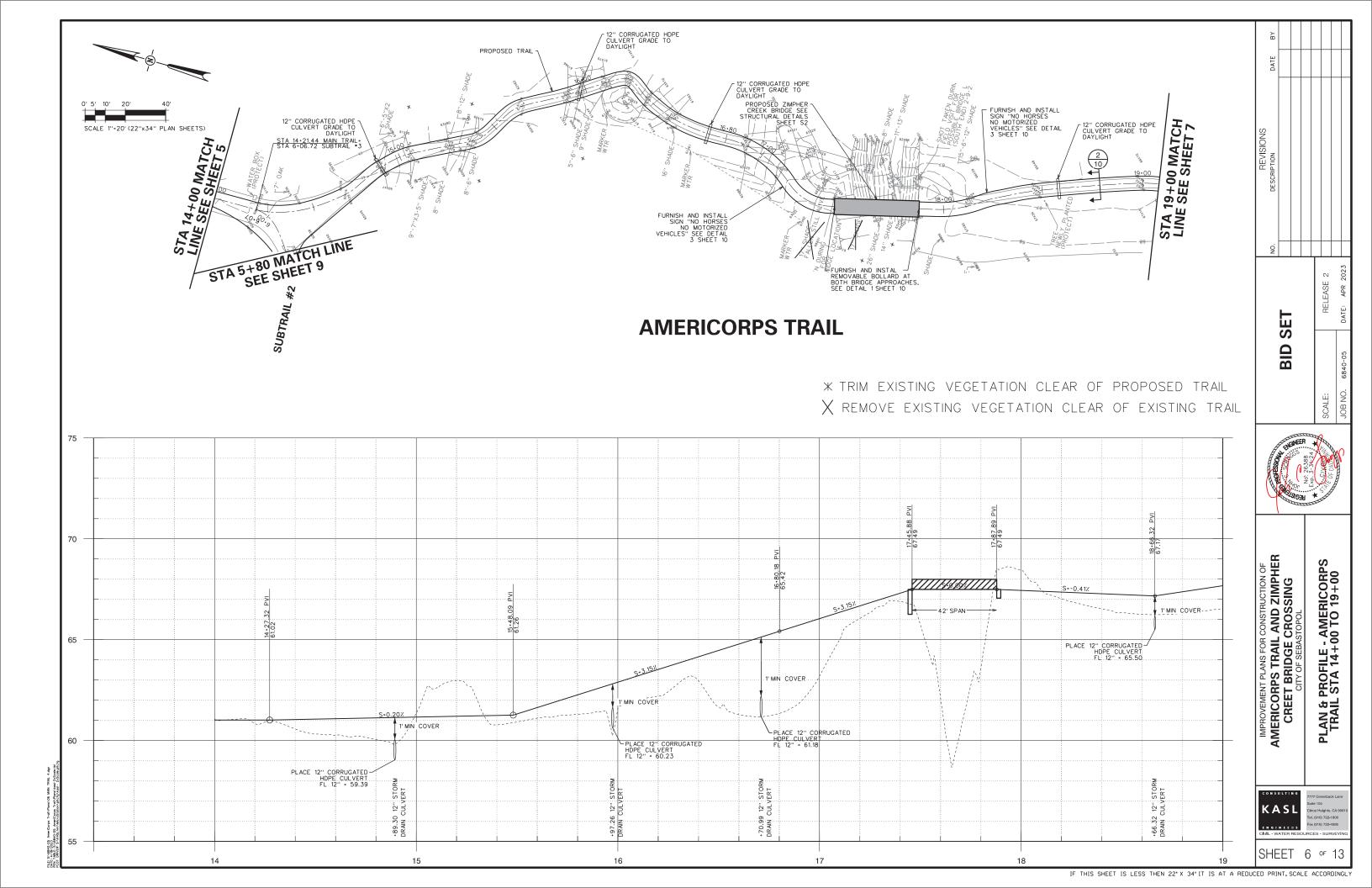
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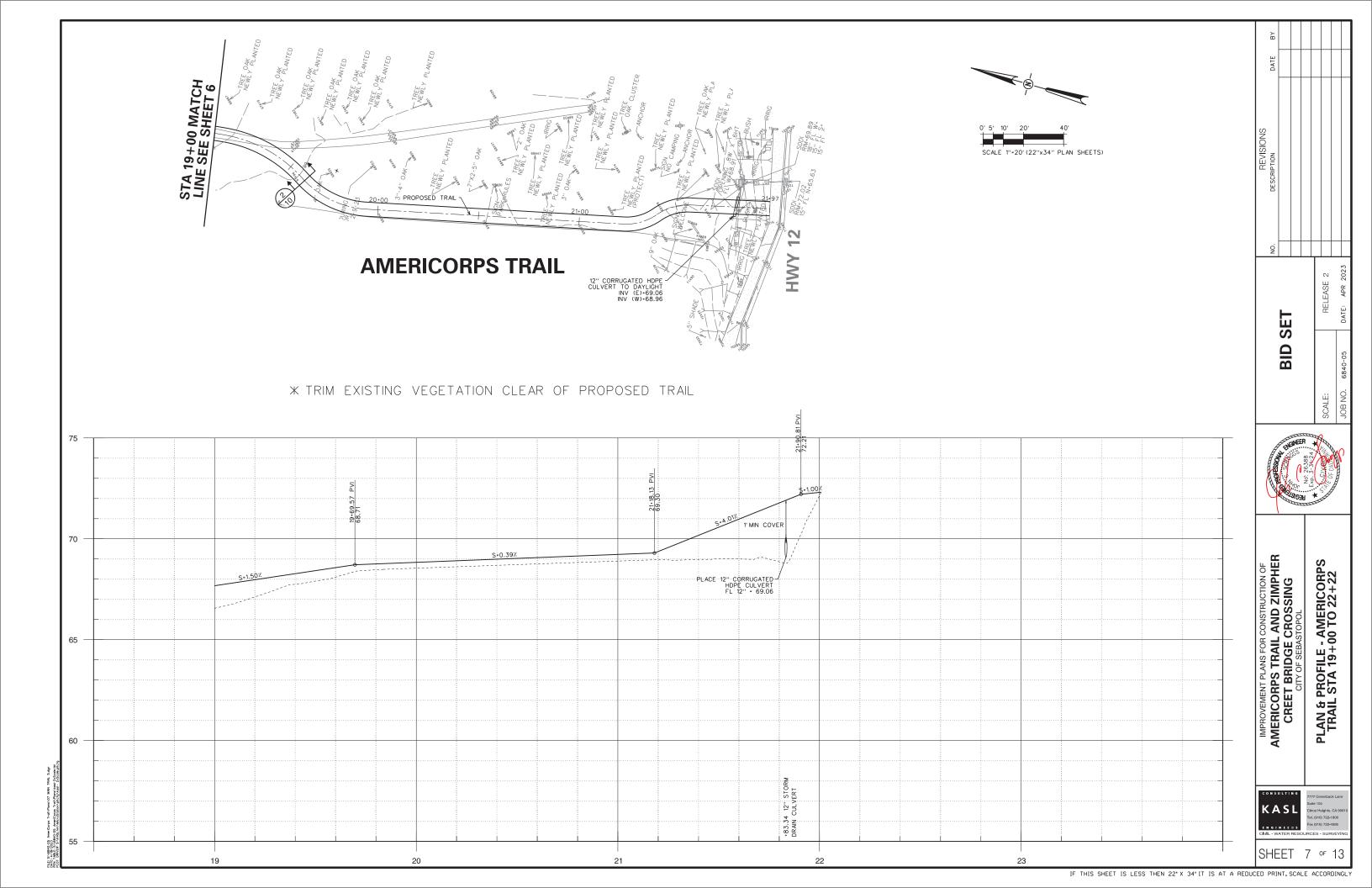
LAYOUT PLAN

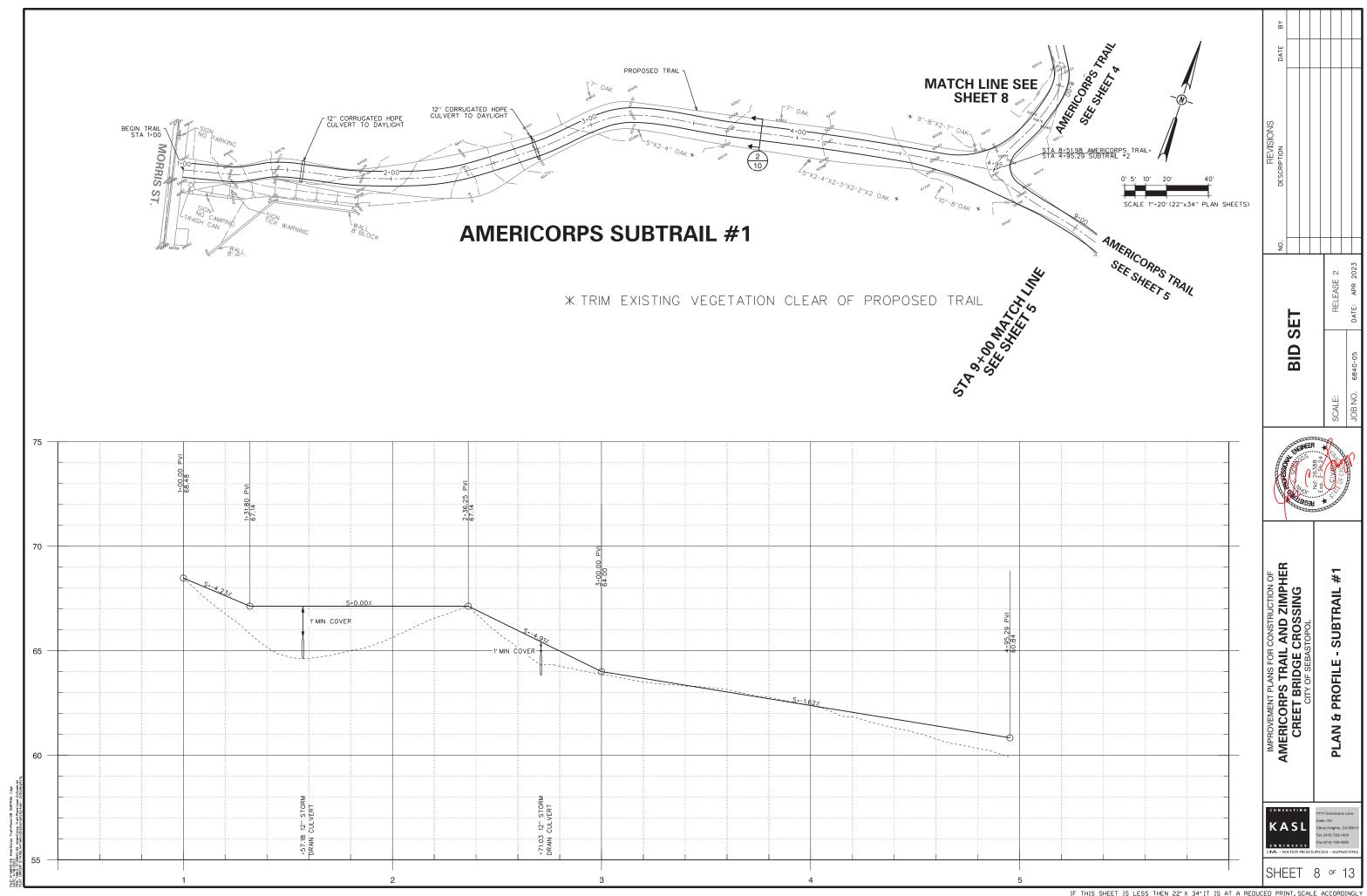


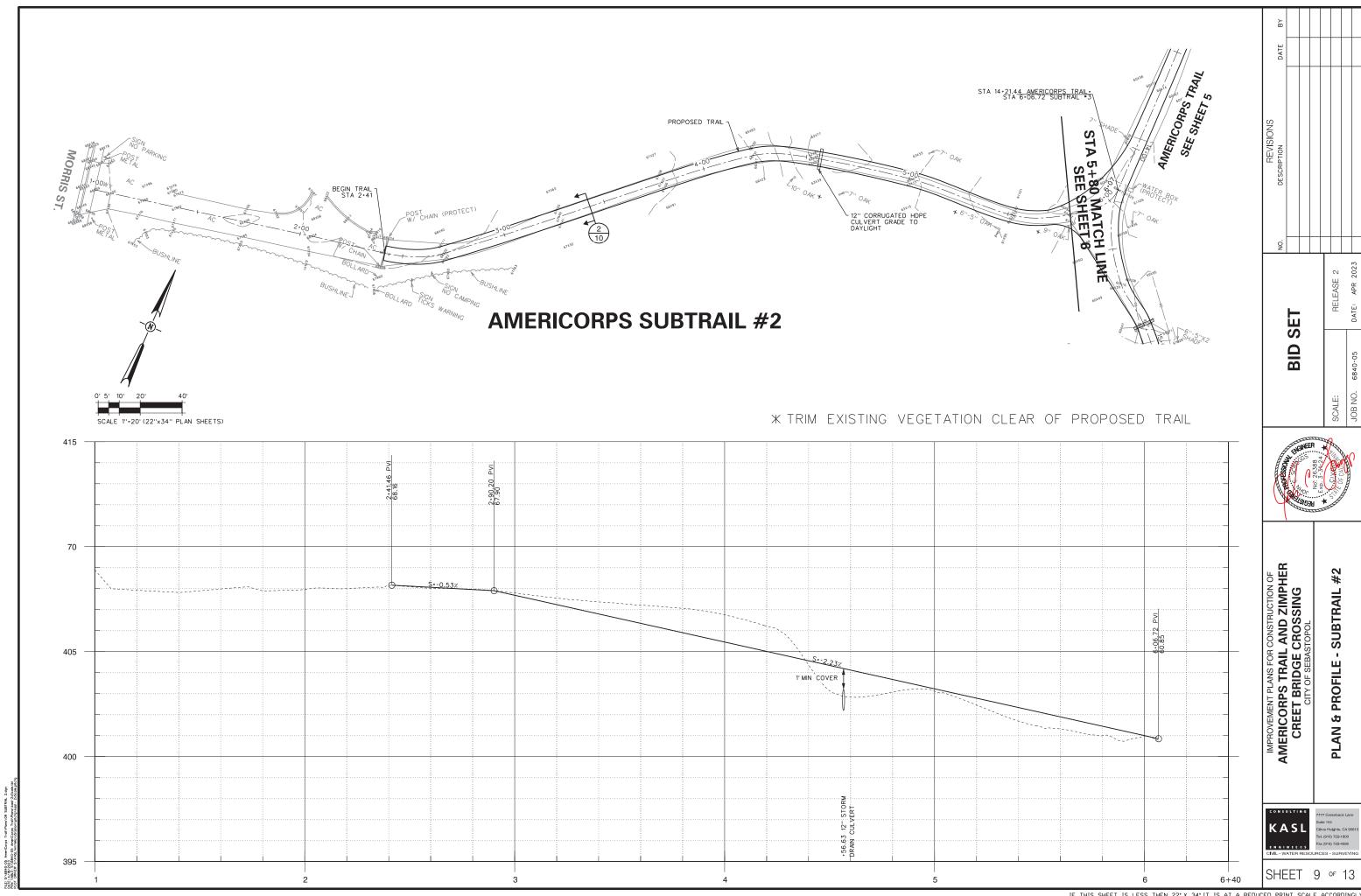


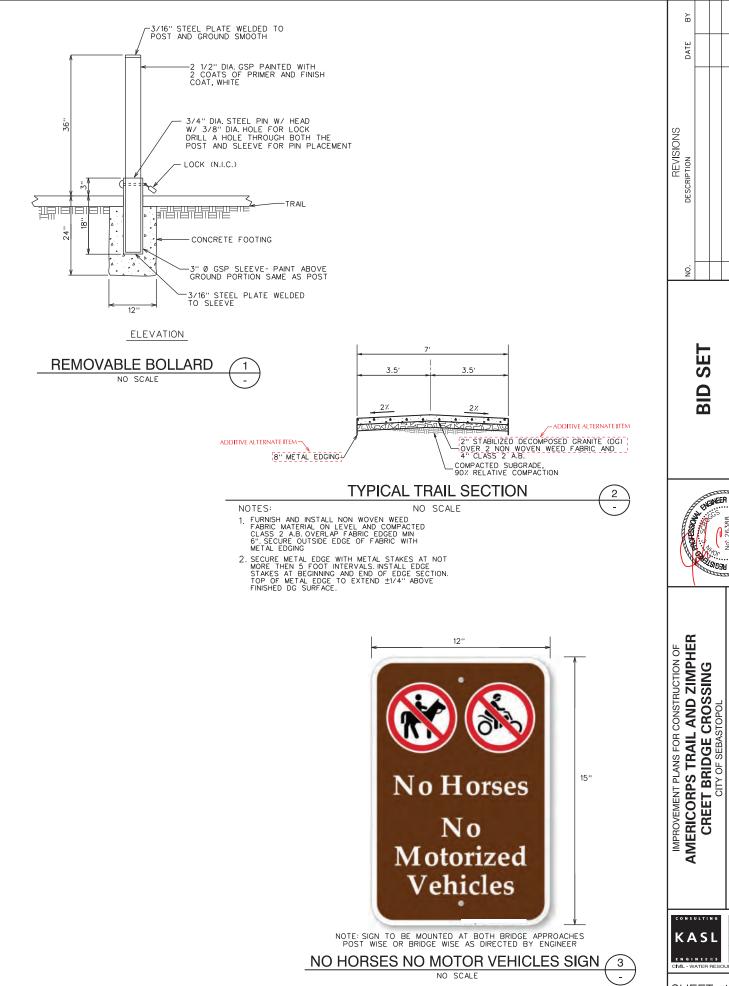












EASE

TYPICAL SECTIONS

SET

BID

GENERAL:

- INTERPRETATION OF DRAWINGS & SPECIFICATIONS

 1.1 WHERE APPLICABLE, SPECIFICATIONS HAVE BEEN PREPARED FOR THIS PROJECT AND ARE ARRANGED IN

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 1.1 WHERE APPLICABLE, SPECIFICATIONS HAVE BEEN PREPARED FOR THIS PROJECT AND ARE ARRANGED IN

 1.1 WHERE APPLICABLE ARRANGED FOR THE WORK ARRANGED FOR
- 1.1 WHERE APPLICABLE, SPECIFICATIONS HAVE BEEN PREPARED FOR THIS PROJECT AND ARE ARRANGED IN SEVERAL SECTIONS, BUT SUCH SEPARATION SHALL NOT BE CONSIDERED AS THE LIMITS OF THE WORK REQUIRED BY ANY SEPARATE TRADE. THE TERMS AND CONDITIONS OF SUCH LIMITATIONS ARE WHOLLY BETWEEN THE CONTRACTOR AND SUBCONTRACTORS.
 1.2 IN GENERAL, THE WORKING DETAILS WILL INDICATE DIMENSIONS, POSITIONS AND KIND OF CONSTRUCTION, AND THE SPECIFICATIONS WILL INDICATE QUALITIES AND METHODS. ANY WORK INDICATED ON THE WORKING DETAILS MENTIONED BUT NOT IN THE SPECIFICATIONS, OR VICE VERSA, SHALL BE FURNISHED AS THOUGH FULLY SET FORTH IN BOTH. WORK NOT PARTICULARLY DETAILED, MARKED OR SPECIFIC, SHALL BE THE SAME AS SIMILAR PARTS THAT ARE DETAILED, MARKED OR SPECIFIC. IF CONFLICTS OCCUR BETWEEN DRAWINGS AND SPECIFICATIONS, THE MOST EXPENSIVE MATERIALS OR METHODS WILL PREVAIL.
- PREVAIL.

 3. SHOULD AN ERROR APPEAR IN THE WORKING DETAILS OR SPECIFICATIONS OR IN WORK DONE BY OTHERS AFFECTING THIS WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT ONCE AND IN WRITING. IF THE CONTRACTOR PROCEEDS WITH THE WORK SO AFFECTED WITHOUT HAVING GIVEN SUCH WRITTEN NOTICE AND WITHOUT RECEIVING THE NECESSARY APPROVAL DECISION OR INSTRUCTION IN WRITING FROM THE OWNER, THEN THEY SHALL HAVE NO VALID CLAIM AGAINST THE OWNER, FOR THE ROOM AND ARREST PREFERENCE. COST OF SO PROCEEDING AND SHALL MAKE GOOD ANY RESULTING DAMAGE OR DEFECT. NO VERBAL APPROVAL, DECISION, OR INSTRUCTION SHALL BE VALID OR BE THE BASIS FOR ANY CLAIM AGAINST THE OWNER, ITS OFFICERS, EMPLOYEES, OR AGENTS. THE FOREGOING INCLUDES TYPICAL ERRORS IN THE SPECIFICATIONS OR NOTATIONAL ERRORS IN THE WORKING DETAILS WHERE THE INTERPRETATION IS DOUBTFUL OR WHERE THE ERROR IS SUFFICIENTLY APPARENT AS TO PLACE A REASONABLY PRUDENT CONTRACTOR ON NOTICE THAT, SHOULD THEY ELECT TO PROCEED, THEY ARE DOING SO AT THEIR OWN
- CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND ALL APPLICABLE CODES AND REGULATIONS.
- CONSTRUCTION SHALL CUNFORM TO THE 2022 ODG AND FACE TWO BODGS.

 SHOP DRAWING NOTE:

 3.1 SHOP DRAWINGS SHALL BE SUBMITTED ELECTRONICALLY IN PDF FORMAT AT FULL SCALE.

 3.2 THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE STRUCTURAL ENGINEER THAT THEY UNDERSTAND THE DESIGN CONCEPT BY INDICATING WHICH MATERIALS THEY INTEND TO FURNISH AND INSTALL, AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS
- 3.3 PRIOR TO FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW TO THE STRUCTURAL PRIOR TO FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW TO THE STRUCTURAL ENGINEER. SHOP DRAWING SUBMITTALS SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO CONCRETE MIX DESIGNS, STRUCTURAL STEEL, REINFORCING STEEL, MASONRY UNITS, GROUT MIX DESIGNS, GLUED LAMINATED BEAMS, AND PRE-FABRICATED WOOD ROOF FRAMING ITEMS SUCH AS I-JOISTS AND TRUSSES WHERE THESE ELEMENTS ARE INDICATED ON THE DRAWINGS.
 PRIOR TO SUBMISSION THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SHALL STAMP SUBMITTALS AS BEING "REVIEWED FOR CONFORMANCE"

- CONTRACT DOCUMENTS AND SHALL STAMP SUBMITIALS AS BEING REVIEWED FOR CONFORMANCE.

 SHOP DRAWING SUBMITTALS PROCESSED BY THE STRUCTURAL ENGINEER ARE NOT CHANGE ORDERS.

 ANY DETAIL ON THE SHOP DRAWING THAT DEVIATES FROM THE CONTRACT DOCUMENTS SHALL CLEARLY

 BE MARKED WITH THE NOTE "THIS IS A CHANGE".

 SHOP DRAWINGS OR CALCULATIONS SUBMITTED FOR REVIEW THAT REQUIRE RESUBMITTAL FOR RE-REVIEW

 SHALL BE BILLED HOURLY FOR SUCH TIME TO THE GENERAL CONTRACTOR. RE-REVIEW WILL NOT

 PROCEED WITHOUT WRITTEN APPROVAL FROM THE GENERAL CONTRACTOR FOR ADDITIONAL ENGINEERING REVIEW SERVICES. SAFETY NOTE:
 4.1 IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS, AS THEY APPLY TO
- THIS PROJECT, OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION, AND ALL OSHA REQUIREMENTS.

 4.2 THE OWNER AND THE STRUCTURAL ENGINEER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE
- CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS
- AND SHORING REQUIRED.
 THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER WHERE A CONFLICT OR A DISCREPANCY OCCURS
- BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER PORTION OF THE CONTRACT DOCUMENTS OR EXISTING FIELD CONDITIONS. SUCH NOTIFICATION SHALL BE GIVEN IN DUE TIME SO AS NOT TO AFFECT THE CONSTRUCTION SCHEDULE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH STRUCTURAL DRAWINGS PRIOR TO COMMENCING ANY WORK
- WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT. SHOULD THERE BE ANY QUESTION, CONTACT THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING.
- CONTACT THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING.
 WHEN CONSTRUCTION ATTACHES TO AN EXISTING BUILDING, A COMPLETE SET OF DRAWINGS OF THE EXISTING
 BUILDING SHALL BE KEPT ON THE JOB SITE. CONTRACTOR TO OBTAIN THESE DRAWINGS FROM THE OWNER.
 ANY SUBSTITUTIONS FOR STRUCTURAL MEMBERS, HARDWARE, OR DETAILS SHALL BE REVIEWED BY THE
 STRUCTURAL ENGINEER. SUCH REVIEW BILL BE BILLED ON A TIME AND MATERIALS BASIS TO THE GENERAL
 CONTRACTOR WITH NO GUARANTEE THAT THE SUBSTITUTION WILL BE ALLOWED.
 DO NOT SCALE DRAWINGS. CONTACT THE STRUCTURAL ENGINEER FOR ANY DIMENSIONS NOT SHOWN.
 THESE DRAWINGS ARE NOT COMPLETE UNTIL REVIEWED AND ACCEPTED BY THE LOCAL BUILDING OFFICIAL AND
 SIGNIED BY THE OWNER AND THE STRUCTURAL ENGINEER

- THESE DRAWINGS ARE NOT COMPLETE UNTIL REVIEWED AND ACCEPTED BY THE LOCAL BUILDING OFFICIAL AND SIGNED BY THE OWNER AND THE STRUCTURAL ENGINEER.

 ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTES THE ORIGINAL AND UNPUBLISHED WORK OF THE STRUCTURAL ENGINEER AND THE SAME MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT WRITTEN CONSENT OF THE STRUCTURAL ENGINEER.

 THE STRUCTURE SHOWN ON THESE DRAWINGS IS STRUCTURALLY SOUND ONLY IN ITS COMPLETED FORM. THE STABILITY OF THIS STRUCTURE DEPENDS ON THE DIAPHRAGMS AND THE BRACKING MEMBERS SHOWN. THE CONTRACTOR IS TO PROVIDE FOR THE DESIGN AND CONSTRUCTION OF SHORING FOR ALL EARTH, FORMS, CONCRETE, STEEL, WOOD, AND MASONRY TO RESIST GRAVITY, EARTH, WIND, SEISMIC, AND CONSTRUCTION LOADS. SHORING SHALL REMAIN IN PLACE UNTIL ALL DIAPHRAGMS AND LATERAL RESISTING ELEMENTS ARE IN PLACE IN THEIR ENTIRETY.

WOOD:

- ALL SAWN LUMBER SHALL BE DOUGLAS FIR-LARCH AS GRADED BY THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB) IN ACCORDANCE WITH STANDARD GRADING RULES NO. 17 TYPICAL UNLESS NOTED OTHERWISE, ALL MEMBERS SHALL HAVE A MINIMUM GRADE OF NO. 1 EXCEPT 2x4 AND 2x6 WALL STUDS, PLATES, AND BLOCKING MAY BE NO. 2.
- MANUFACTURED LUMBER MINIMUM PROPERTIES:
- 2.1 PARALLEL STRAND LUMBER SHALL BE GRADE 2.0E (Fb=2,900 PSI MIN) AND EQUIVALENT TO WEYERHAEUSER PARALLAM® PRODUCT.
- 2.2 LAMINATED VENEER LUMBER SHALL BE GRADE 1.9E (Fb=2,600 PSI MIN) AND EQUIVALENT TO WEYERHAEUSER MICROLLAM® PRODUCT.
- WEYERHAEUSER MICROLLAMM PRODUCT.

 2.3 GLU-LAMINATED MEMBERS-SEE "GLU-LAMINATED BEAM NOTES".

 ALL STRUCTURAL SHEATHING USED FOR SHEARWALLS AND ROOF SHEATHING SHALL BE MANUFACTURED IN ACCORDANCE WITH PRODUCT STANDARDS OF APA THE ENGINEERED WOOD ASSOCIATION. SHEATHING SHALL MEET PS2-04 PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS AND SHALL BE STAMPED WITH APA TRADEMARK.

 ALL FOUNDATION PLATES OR SILLS ON CONCRETE SLABS WHICH ARE IN DIRECT CONTACT WITH EARTH, AND PLATES OR SILLS ON CONCRETE SLABS WHICH APA IN DIRECT CONTACT WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH, AND PLATES OR SILLS ON MICROLLAND RESIDENCE TO THE TOTAL WITH EARTH PLATES OR MICROLLAND RESIDENCE TO THE TOTAL WITH A PARTY PARTY PLATES OR MICROLLAND RESIDENCE TO THE TOTAL WITH PARTY PA

- PLATES OR SILLS ON CONCRETE OR MASONRY FOUNDATIONS, SHALL BE PRESSURE TREATED.

 ALL WOOD SHALL HAVE A MOISTURE CONTENT OF NOT MORE THAN 19% WHEN SHEATHING IS APPLIED.

 8" MINIMUM CLEARANCE SHALL BE MAINTAINED AT ALL EXTERIOR WALLS BETWEEN FINISH GRADE AND BOTTOM OF WOOD WALLS
- BEARING AND SHEARWALLS SHALL HAVE DOUBLE TOP PLATES LAPPED AT WALL CORNERS AND INTERSECTIONS AND PLATES SHALL BE INTERNAILED WITH (3) 16d AT SUCH LOCATIONS. FOR PLATE SPLICE DETAILS, SEE
- SILL PLATE ANCHOR BOLTS SHALL BE INSTALLED WITH PLATE WASHERS 3x3x¼ BETWEEN NUT AND PLATE. PROVIDE SOLID BLOCKING BETWEEN JOISTS AND RAFTERS AT ALL SUPPORTS.

- PROVIDE BLOCKING AT ALL CEILING LEVELS.

 JOISTS UNDER AND PARALLEL TO PARTITIONS SHALL BE DOUBLED AND NAILED TOGETHER.

 HOLES FOR BOLTS IN WOOD SHALL BE BORED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT

- 12. HOLES FOR BULIS IN WOULD SHALL BE BORED WITH A SUMMER AS THE SHANK, AND THE PLUS X₆"

 13. HOLES FOR LAG SCREWS SHALL BE BORED AS FOLLOWS:

 13.1 THE CLEARANCE HOLE FOR THE SHANK SHALL HAVE THE SAME DIAMETER AS THE SHANK, AND THE SAME DEPTH OF PENETRATION AS THE LENGTH OF UNTHREADED SHANK.

 13.2 THE LEAD HOLE FOR THE THREADED PORTION SHALL HAVE A DIAMETER EQUAL TO 60% TO 75% OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION.

 14. LAG SCREWS AND WOOD SCREWS SHALL BE SCREWED AND NOT DRIVEN INTO PLACE. SOAP MAY BE USED TO LUBBLICATE THE SCREWS.
- LUBRICATE THE SCREWS.

 15. ALL BOLTS AND LAG SCREWS SHALL BE PROVIDED WITH METAL WASHERS UNDER HEADS AND NUTS WHICH BEAR ON WOOD. APPLIES ALSO TO INSERTED EXPANDING FASTENERS, RED HEAD, ETC.

E	BOLT DIAMETER	MI WASHER	STEEL WASHER
	%"ø	2¾"øx%6"	3"x3"¼"
	¾"ø	3"øx¾6"	3"x3"x∱6"
	%"ø	3½"øx¾6"	3½"x3½"x¾"
	1"ø	4"øx½"	3¾"x3¾"x¾"

- 16. ALL BOLTS AND LAG SCREWS SHALL BE TIGHTENED AT INSTALLATION AND RETIGHTENED BEFORE CLOSING IN
- ALL BOLTS AND LAG SCREWS SHALL BE TIGHTENED AT INSTALLATION AND RETIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.
 LAY ALL STRUCTURAL SHEATHING ON ROOF AND FLOORS WITH FACE GRAIN PERPENDICULAR TO SUPPORT TYPICAL UNILESS NOTED OTHERWISE. USE PLY—CLIPS AT UNSUPPORTED SHEATHING EDGES.
 CONNECTOR HARDWARE MODEL NUMBER ARE THOSE FOR SIMPSON STRONG—TIE COMPANY. ALL JOIST HANGERS SHALL BE SIMPSON U SERIES UNLESS NOTED OTHERWISE. EQUIVALENT CONNECTORS WITH ICC ACCEPTANCE MAY BE SUBMITTED FOR REVIEW AS AN ALTERNATE.
 NOTIFY STRUCTURAL ENGINEER AFTER WALL, FLOOR, AND ROOF SHEATHING NAILING HAS BEEN COMPLETED AND A MINIMUM OF 48 HOURS PRIOR TO CONCEALING SHEATHING.
 ALL SPUIT, TWISTED OR OTHERWISE DAMAGED MARETIAL SHALL BE REPLACED.
 FASTENERS AND CONNECTORS IN PRESERVATIVE—TREATED WOOD ARE TO BE APPROVED SILICONE BRONZE OR COPPER, STAINLESS STEEL OR HOT—DIPPED ZINC—COATED STEEL PER CBC 2304.9.5.
 ALL NAILS SHALL BE COMMON WIRE SIZE.

- 22. ALL NAILS SHALL BE COMMON WIRE SIZE.

DESIGN CRITERIA:

DESIGN SPECTRAL RESPONSE PARAMETERS:

1.	CODE: 2022 CALIFORNIA BUILDING CODE (CBC)	
2.	DESIGN LIVE LOADS:	
	<u>AREA</u>	
	FOOT BRIDGE	85 PSF (LIVE LOAD)
3.	WIND DESIGN PARAMETERS:	· ·
	BASIC WIND SPEED (3-SEC GUST)	V= 92 MPH
	RISK CATEGORY	li
	EXPOSURE CATEGORY	С
4.	EARTHQUAKE DESIGN PARAMETERS:	
	SEISMIC IMPORTANCE FACTOR, IE,	1.0
	COMPONENT IMPORTANCE FACTOR, IP	1.0
	RISK CATEGORY	II
	SITE CLASS	D
	SEISMIC DESIGN CATEGORY	D



7777 Greenback Lane, Suite 104 Citrus Heights, CA 95610 PH. (916) 505-0519 Fax. (916) 514-9102 E-mail: bradf@vesolutions.net



Project

AMERICORPS TRAIL

Sheet Title

GENERAL NOTES

The undersigned Engineer does not represent that these plans or the specifications in connection therewith are suitable, whether or not modified for any other site than the one for which they were specifically therewith are suitable, whether or not modified for an other site than the one for which they were specifically prepared. The Engineer disclaims responsibility for these plans and specifications if they are used in whole or in part at any other site.

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.

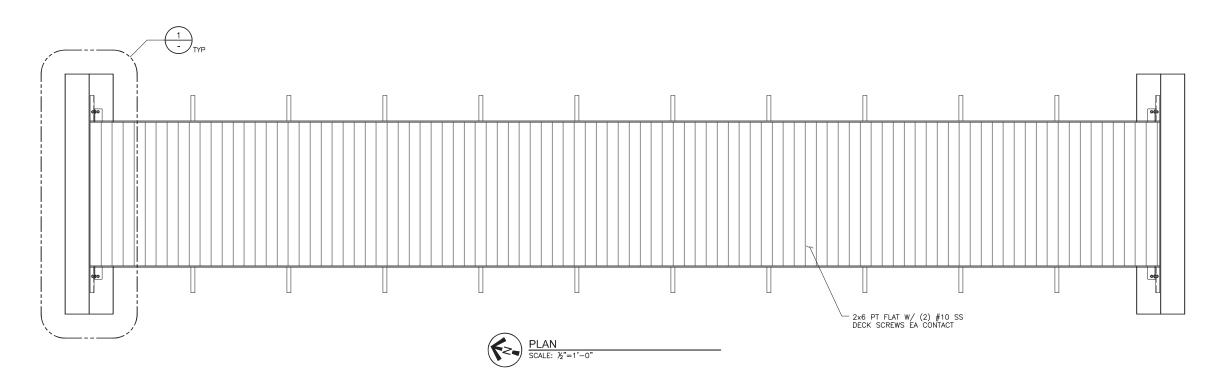
This drawing is not final or to be used for construction until signed by the Engineer and owner.

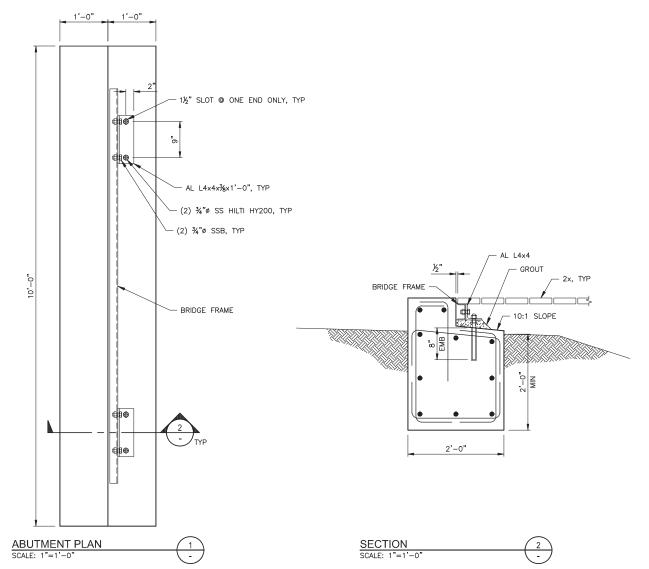
All drawings and written material appearing herein

Engineer	BAF	
Drawn By	DGG	
Revisions		
NO.	DATE	DESCRIPTION
Job No. Date	22091 2/23/2	003
		023
Drawina	No.	

S_{1.0}

1 OF 3 SHEETS







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AMERICORPS TRAIL

Sheet Title

BRIDGE ABUTMENT

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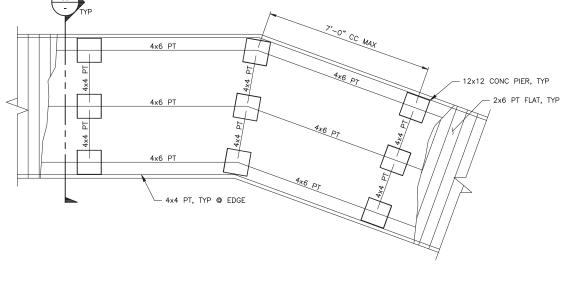
All drawings and written material appearing herein constitute the original and unpublished work of the Engineer and the same may not be duplicated, used or disclosed without written consent of the Engineer.

Engineer	BAF		
Drawn By	DGG		
Revisions			
NO.	DATE	DESCRIPTION	
Job No.	22091		
Date 2/23/2023			
Drawing No.			

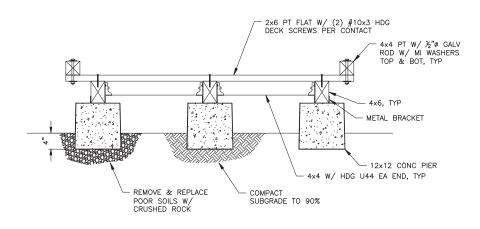
Orawing No.

S2.0

2 OF 3 SHEETS



TYPICAL PLAN SCALE: ½"=1'-0"







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Project

AMERICORPS TRAIL

Sheet Title

PUNCHEON DECK

..... The undersigned Engineer does not represent that these plans or the specifications in connection therewith are suitable, whether or not modified for any other site than the one for which they were specifically prepared. The Engineer disclaims responsibility for these plans and specifications if they are used in whole or in part at any other site.

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Engineer	BAF		
Drawn By	DGG		
Revisions			
NO.	DATE	DESCRIPTION	
	22091		
Date	2/23/2	023	
Deswise No.			

S3.0

3 OF 3 SHEETS