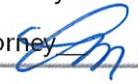


Mayor
Patrick Slayter
City Council
Neysa Hinton, Vice Mayor
Michael Carnacchi
Una Glass
Sarah Glade Gurney



City of Sebastopol

Agenda Report Reviewed by:
City Manager/City Attorney 

City Manager/City Attorney
Larry McLaughlin
City Clerk
Mary Gourley

Meeting Date: Meeting of May 15, 2018
To: Mayor and City Council
From: Kenyon Webster, Planning Director
Subject: Design for AmeriCorps Trail Improvement Project
Recommandation: Approval
Funding: Currently Budgeted: Yes No N/A

Introduction:

This staff report recommends that the City Council approve the design for the AmeriCorps Trail Improvement Project. The Planning Commission is recommending approval of the design.

AmeriCorps Trail Improvement Project:

The 'AmeriCorps Trail' is a primitive, seasonal trail in the City's Laguna de Santa Rosa Wetlands Preserve. The Trail was created by a large group of AmeriCorps volunteers and other volunteer workers in a single day of focused work. The trail parallels Morris Street, just west of the Laguna channel, starting just south of the larger ballfield next to the Community Center. During wet months, portions of the trail are inundated.

The Trail and associated improvements are on City property. The Laguna Preserve Management Plan calls for improved connectivity within the Preserve, which is the key objective of the Improvement Project. The critical Project element that will improve connectivity is a pedestrian bridge over Zimpher Creek. Enhanced public use of the trail is also expected to improve surveillance of Preserve lands in this area, which have been subject to illegal camping.

The Laguna de Santa Rosa Foundation obtained a restoration grant that is being implemented in the southern area of the Trail extension; design of the improvement project is being coordinated with this grant project.

A planned connection to the sidewalk along Sebastopol Avenue is within a Caltrans right of way and may require Caltrans permitting.

The improvement project involves improvements to the Trail, including the following:

- Extension of the Trail from its present terminus behind the City 'Lift Station' to connect with the sidewalk on Sebastopol Avenue. This includes a pedestrian bridge over Zimpher Creek.

- Minor improvements to the existing trail, such as steps, boardwalks over swale areas, benches, potential placement of gravel or other appropriate materials on Trail surfaces, Trail wayfinding signs, and up to three interpretive signs.
- A connector trail from Morris Street to the AmeriCorps Trail.
- Several simple, low-cost entry arbors to demarcate entry points.

The Council budgeted funding for design of the project using Park Impact Fee funds.

Questa Engineering presented the planned design to the Planning Commission on April 24. The Commission expressed support for the design and had several technical questions and suggestions that Questa will consider in the final construction design.

The City plans to file a Matching Grant Application for the project with the Sonoma County Agricultural Preservation and Open Space District; if awarded, this would reduce the City's costs.

Council authorization for bidding is planned for winter 2019. Construction is anticipated in summer 2019.

Attachment: AmeriCorps Trail Improvement Project Plans

CITY OF SEBASTOPOL

PLANS FOR CONSTRUCTION OF

AMERICORPS TRAIL

GENERAL NOTES:

1. DESIGN INTENT: THESE PLANS AND SPECIFICATIONS REPRESENT THE DESIGN INTENT OF QUESTA ENGINEERING CORPORATION (ENGINEER), AS APPROVED BY THE OWNER, CITY OF SEBASTOPOL (CITY). THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS SHOWN ON THESE PLANS AND SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR ANY DEVIATIONS FROM THESE PLANS AND ASSOCIATED RISK AND EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A COPY OF THE APPROVED PLANS AND SPECIFICATIONS AND ANY ADDENDA AT THE JOB SITE AT ALL TIMES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY UNFORESEEN CIRCUMSTANCES OR CONDITIONS THAT WOULD ALTER THESE PLANS AND SPECIFICATIONS FOR APPROVAL OF MODIFICATIONS TO THE INTENDED DESIGN.

2. COMPOSITE GROUND MAP: THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE MAP. THIS BASE MAP IS COMPILED FROM A SURVEY, AND OTHER DATA AS MADE AVAILABLE TO THE ENGINEER, WHO SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE MAP IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE THE SAME. THE REFERENCE ELEVATION FOR THE BASE MAP IS SHOWN ON THE DRAWINGS.

3. MATERIALS AND WORKMANSHIP: ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL CONFORM TO THE LATEST CITY OF SEBASTOPOL PUBLIC WORKS DEPARTMENT ENGINEERING STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, AND THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS UNLESS OTHERWISE NOTED. ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

4. PRE-CONSTRUCTION MEETING: A PRE-CONSTRUCTION MEETING SHALL BE ARRANGED BY THE CONTRACTOR AT THE JOB SITE PRIOR TO THE COMMENCEMENT OF WORK. THE MEETING SHALL BE ATTENDED BY THE OWNER, CONTRACTOR (INCLUDING SITE FOREMAN AND KEY PERSONNEL), ENGINEER, AND REPRESENTATIVES OF THE CITY. PROSPECTIVE PARTICIPANTS SHALL BE NOTIFIED OF THE MEETING A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE MEETING. THE PURPOSE OF THE MEETING IS TO REVIEW THE WORK PLAN AND PROVIDE CLARIFICATIONS, REVIEW JOB REQUIREMENTS, AND DISCUSS CONDITIONS OF ANY PERMITS. NOTICE FOR THE CONTRACTOR TO PROCEED WITH WORK SHALL BE PROVIDED AT COMPLETION OF THE PRE-CONSTRUCTION MEETING.

5. SITE PROTECTION: THE CONTRACTOR IS ADVISED OF THE PRESENCE OF TREES, SHRUBS AND EXISTING FACILITIES LOCATED NEAR PROJECT WORK AREAS. THE SITE IMPROVEMENTS AND OTHER PROJECT FACILITIES HAVE BEEN CAREFULLY LOCATED TO AVOID PHYSICAL DISTURBANCE OF EXISTING IMPROVEMENTS. THE LIMITS OF WORK ARE SHOWN ON THE DRAWINGS. ALL CONTRACTOR ACTIVITIES, INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION ACTIVITIES, VEHICLE MAINTENANCE, AND MATERIALS AND EQUIPMENT STORAGE AND STAGING, MUST BE STRICTLY CONFINED TO THE WORK AREAS SHOWN ON THE DRAWINGS. THE LIMITS OF WORK WILL BE CAREFULLY LOCATED IN THE FIELD BY THE CONTRACTOR AND ENGINEER OF RECORD, AND ALL WORK LIMIT AREAS WILL BE PROTECTED IN ACCORDANCE WITH APPLICABLE STORMWATER POLLUTION PREVENTION MEASURES.

6. COMPLETION SCHEDULE: CONTRACTOR SHALL PROVIDE CITY WITH A PROJECT CONSTRUCTION COMPLETION SCHEDULE WITHIN 72-HOURS OF AWARD OF CONTRACT AND REVIEW THIS SCHEDULE AND ANY CHANGES AT PRE-CONSTRUCTION MEETING. SITE IMPROVEMENTS, INCLUDING TRAIL CONSTRUCTION MUST BE COMPLETED PRIOR TO THE DATE SPECIFIED IN THE CONTRACT DOCUMENTS.

7. UTILITIES: CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITY COMPANIES IN THE PROJECT AREA A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR MUST INVESTIGATE AND VERIFY THE LOCATION OF ANY EXISTING UTILITIES WITHIN THE PROJECT AREA. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY, LOCATE, AND PROTECT ALL UTILITIES. ANY UTILITIES PLOTTED ON THE PLANS ARE CONSIDERED TENTATIVE AND APPROXIMATIONS AND THEREFORE, NO WARRANTY EXPRESSED OR IMPLIED IS MADE AS TO THE COMPLETENESS OR CORRECTION OF THEIR LOCATION. THE UTILITY COMPANIES ARE THOUGHT TO BE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ON-CALL PROGRAM. THE CONTRACTOR SHALL NOTIFY U.S.A. 72-HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK AT 1-800-227 2600, 7:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY. EXISTING PUBLIC UTILITIES SHALL BE KEPT IN SERVICE AT ALL TIMES. UTILITIES THAT INTERFERE WITH THE WORK TO BE PERFORMED SHALL BE PROTECTED AS REQUIRED BY THE CITY, PG&E, AT&T, AND ALL OTHER AFFECTED AGENCIES.

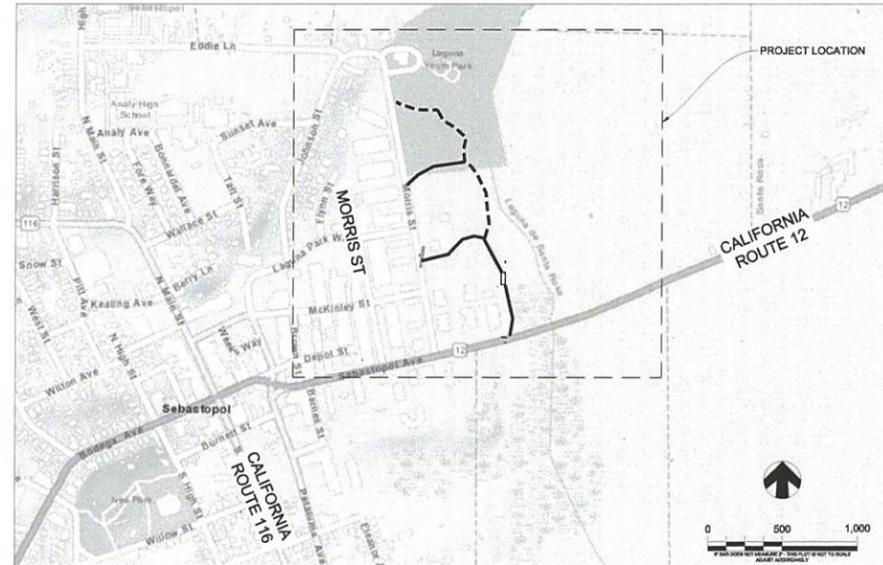
8. DAMAGE AND PROTECTION OF EXISTING FACILITIES: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FACILITIES, AND ANY OTHER IMPROVEMENTS FROM DAMAGE RESULTING FROM CONTRACTOR'S WORK, INCLUDING ALL UTILITIES, PUBLIC AND PRIVATE. CONTRACTOR SHALL EXERCISE CARE TO AVOID EXCESSIVE DAMAGE TO EXISTING PUBLIC PROPERTY, INCLUDING STREETS, PARKING AREAS, TREES, SHRUBS, AND OTHER PROPERTY IMPROVEMENTS. IF CONTRACTOR CAUSES DAMAGES TO SUCH ITEMS, THEY SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT IN LIKE NUMBER, KIND, CONDITION AND SIZE. THE COST OF REPAIRS AND REPLACEMENT OF DAMAGED PROPERTY SHALL BE AT THE CONTRACTOR'S EXPENSE. ANY SUCH COSTS MAY BE DEDUCTED BY THE CITY FROM MONIES DUE CONTRACTOR UNDER THIS CONTRACT.

9. JOB SITE CONDITIONS, TRAFFIC CONTROL AND CONTRACTOR RESPONSIBILITY: CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, TRAFFIC CONTROL, AND ACCESS TO AND FROM ADJOINING DRIVEWAYS AND STREETS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD CITY AND THE ENGINEER (QUESTA ENGINEERING CORPORATION) HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR THE ENGINEER. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS AS SET FORTH BY THE FEDERAL DEPARTMENT OF LABOR AND/OR THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY (CALIOSHA) PRIOR TO EXCAVATION OF ANY TRENCH GREATER THAN FIVE (5) FEET IN DEPTH.

ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL SIGNS SHALL BE APPROPRIATELY CONSTRUCTED WITH REFLECTIVE MATERIAL ON A BACKING OF METAL OR FABRIC (NO WOOD OR PLASTIC ALLOWED) AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROVIDE PROPER VISIBILITY, PER SECTION 12 OF THE CALTRANS SPECIAL PROVISIONS.

THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION, INCLUDING ACCESS TO FLYNN STREET.



AREA MAP

10. CLARIFICATION, CHANGE ORDERS, AND ADDITIONAL WORK: SHOULD ANY CONTRACTOR OR SUBCONTRACTOR FIND ANY DEFICIENCIES, ERRORS, CONFLICTS, OR OMISSIONS IN THESE PLANS AND SPECIFICATIONS, OR SHOULD THERE BE ANY DOUBT AS TO THEIR MEANING OR INTENT, THEN THE CONTRACTOR SHALL NOTIFY JOINTLY, CITY AND ENGINEER (QUESTA ENGINEERING CORPORATION) FOR A WRITTEN CLARIFICATION, ADDENDUM, ETC. SHOULD THE CONTRACTOR FAIL TO DO SO BEFORE SUBMITTING AN INVOICE FOR ADDITIONAL WORK, THE CONTRACTOR CANNOT CLAIM ADDITIONAL COMPENSATION FOR WORK REQUIRED TO COMPLETE THE PROJECT. THE EXCEPTION IS EMERGENCY WORK AS DEFINED IN THE CALTRANS STANDARDS.

THE CITY OR ENGINEER OF RECORD, ACTING ON BEHALF OF THE CITY, MAY REQUIRE PLAN REVISIONS DUE TO UNFORESEEN CIRCUMSTANCES AND CONFLICTS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY JOINTLY THE CITY AND THE ENGINEER OF RECORD OF ANY SUCH WORK THAT IS ADDITIONAL AND SUBMIT A WRITTEN COST ESTIMATE FOR SUCH WORK. "EXTRA WORK" AND WRITTEN CHANGE ORDERS WILL BE EXECUTED UPON THE RECOMMENDATION OF THE ENGINEER.

11. PAYMENTS: PAYMENT SHALL BE BASED ON COMPLETED CONTRACTOR'S BID SHEET AND ISSUED WRITTEN CHANGE ORDERS. THE ENGINEER OF RECORD SHALL VERIFY FIELD MEASUREMENTS AND CONTRACTOR QUANTITY ESTIMATES, WHERE APPLICABLE, AND UNLESS OTHERWISE NOTED.

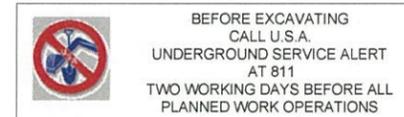
12. MISCELLANEOUS: WRITTEN DIMENSIONS ALWAYS TAKE PRECEDENCE OVER SCALED DIMENSIONS IF THERE IS A CONFLICT. THE CONTRACTOR SHALL JOINTLY CONTACT THE CITY AND ENGINEER TO OBTAIN ADDITIONAL CLARIFICATION. NO DEVIATION OR SUBSTITUTION SHALL BE ALLOWED WITHOUT OBTAINING PRIOR WRITTEN APPROVAL FROM THE ENGINEER.

13. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT AND ANY OTHER APPLICABLE PERMITS FROM THE CITY OF SEBASTOPOL PUBLIC WORKS DEPARTMENT PRIOR TO STARTING ANY WORK, INCLUDING WORK IN THE PUBLIC RIGHT OF WAY.

14. THE CONTRACTOR SHALL SCHEDULE ALL INSPECTIONS 48 HOURS IN ADVANCE BY CALLING THE PUBLIC WORKS DEPARTMENT AT (707) 838-2151.

15. THE CONTRACTOR SHALL COMPLY WITH THE STATE WATER RESOURCES CONTROL BOARD CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DWQ. THE CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE IF ANY RAIN IS PREDICTED WITHIN A 48-HOUR PERIOD.

Sheet List Table	
Sheet Number	Sheet Title
1	COVERSHEET
2	OVERVIEW & SHEET LAYOUT
3	TRAIL SEGMENT
4	PROPERTY FEATURE
5	STATION 0+00 TO 5+00
6	STATION 5+00 TO STATION 10+00
7	STATION 10+00 TO 12+50
8	48'X6' BRIDGE
9	BRIDGE DETAILS
10	TRAIL DETAILS
11	PATHWAY DETAILS
12	PUNCEON DETAILS



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AMERICORPS TRAIL

SEBASTOPOL
SONOMA COUNTY

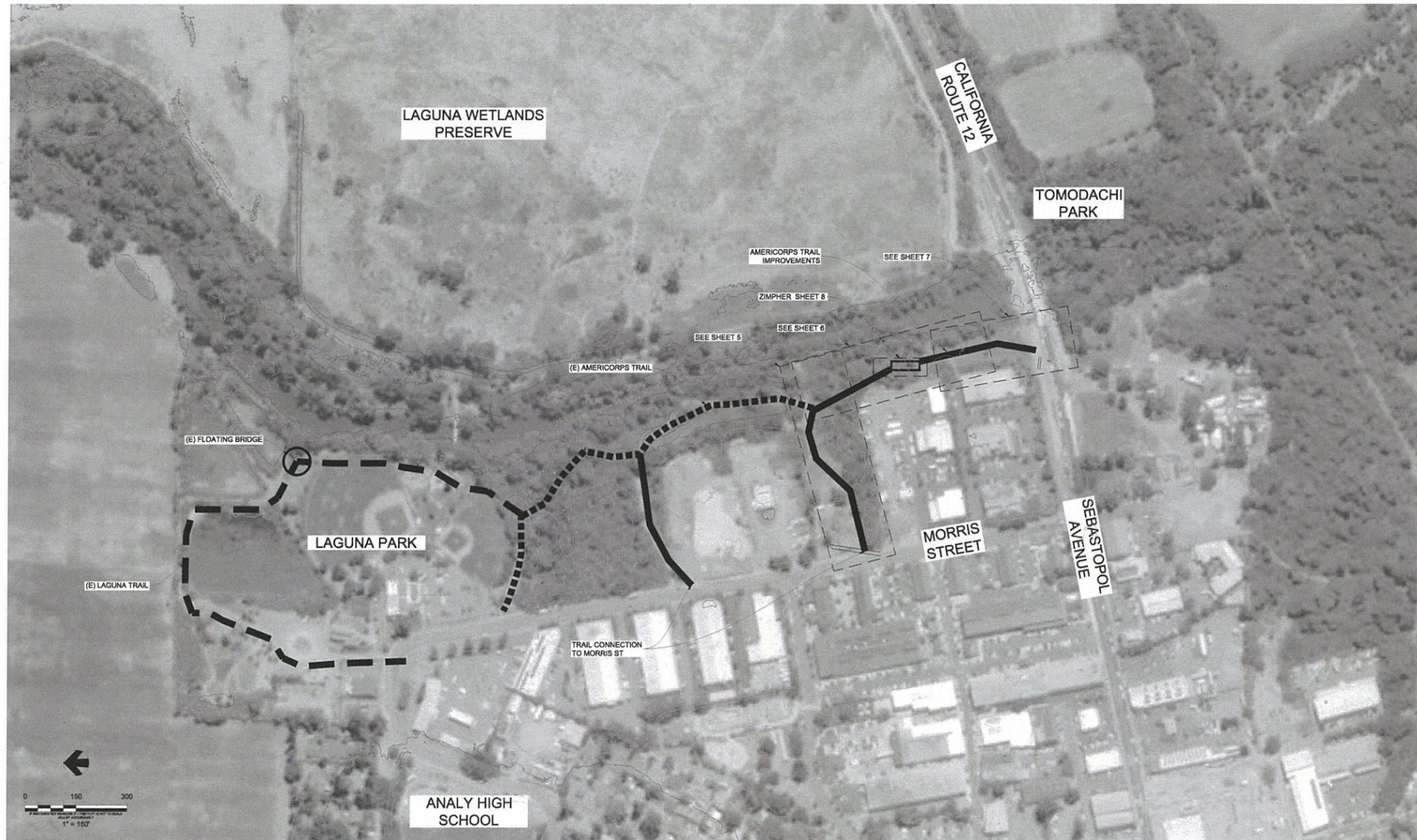


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COVERSHEET

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SHEET: 1 of 12



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Fax: (916) 236-2423
www.questaeng.com
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

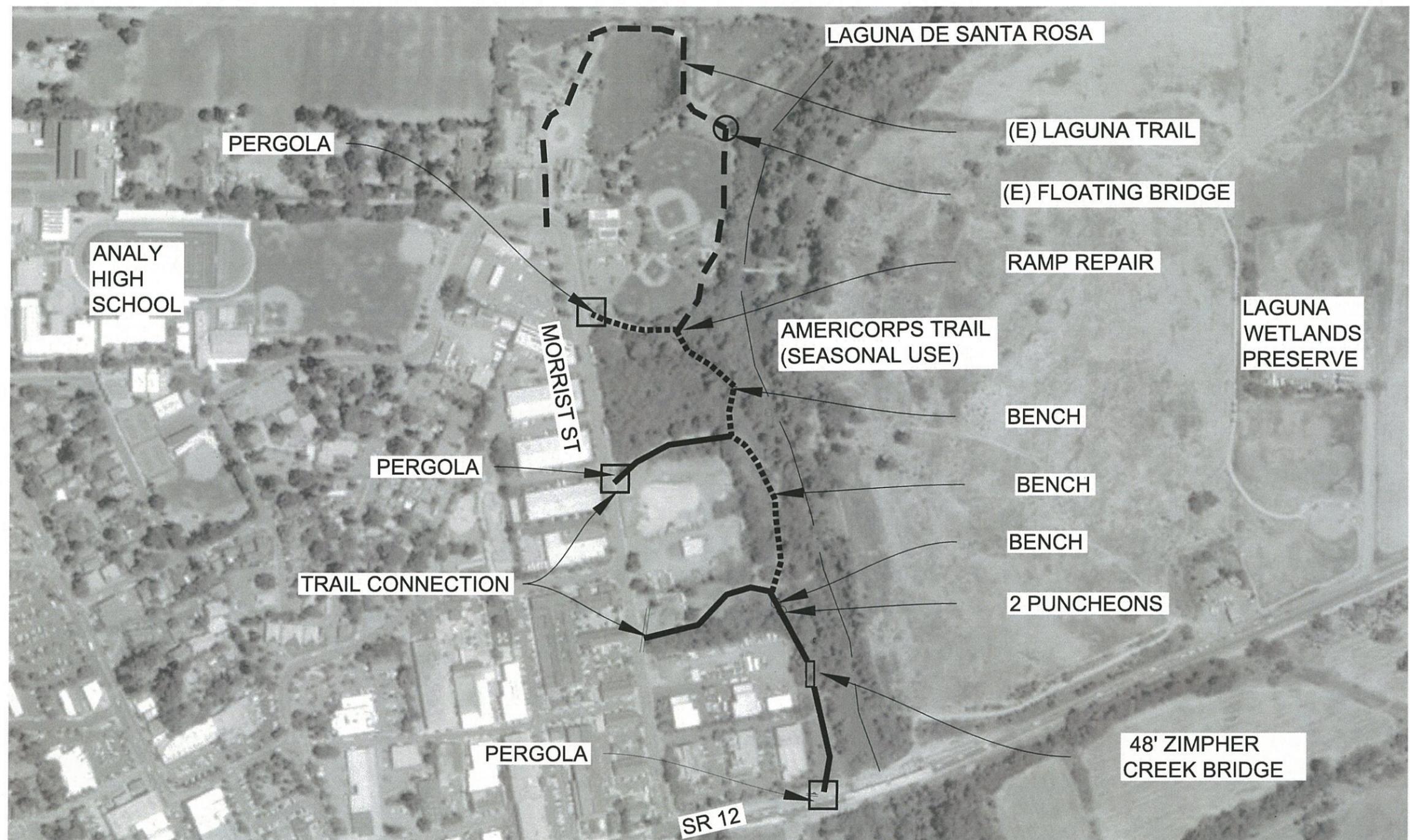
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OVERVIEW & SHEET LAYOUT
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SEBASTOPOL

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SHEET: 2 OF 12

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quest@questa.com

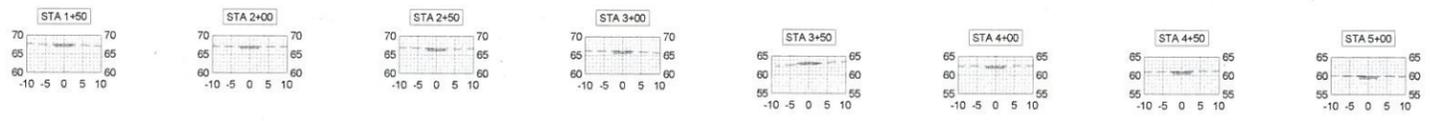
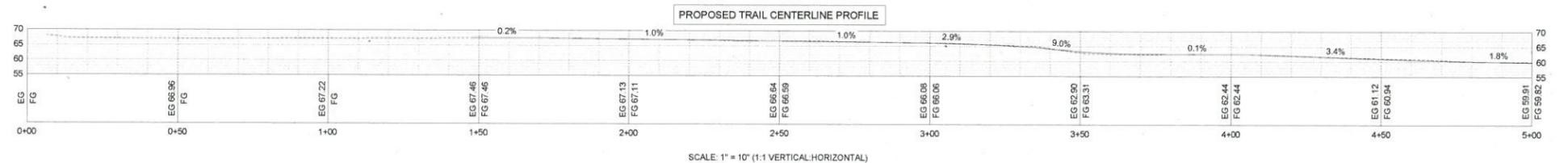
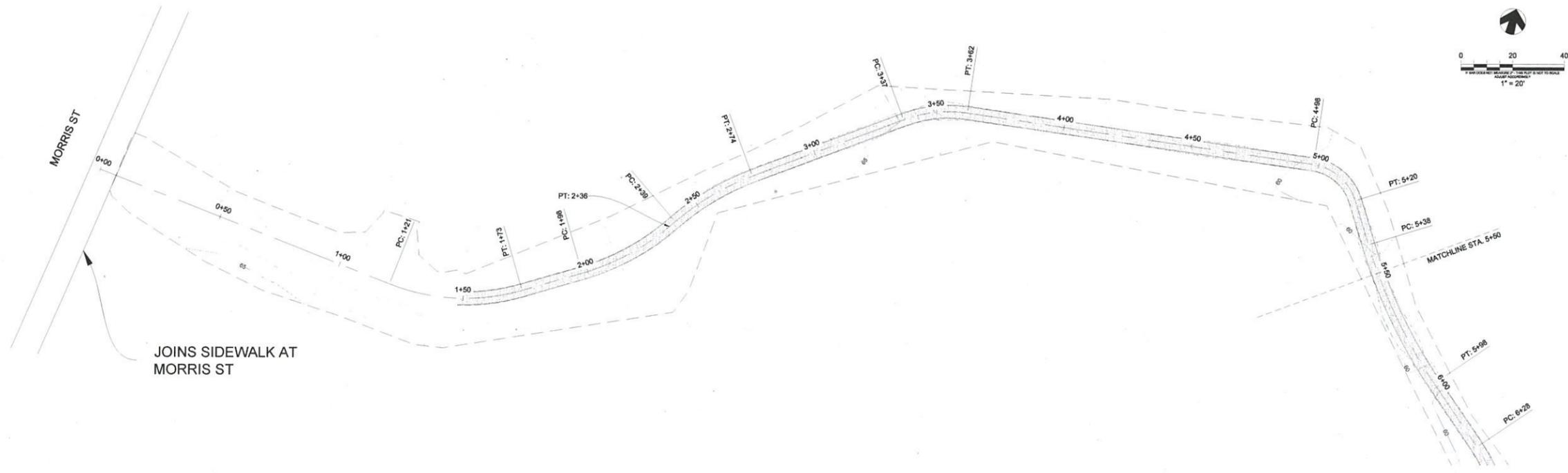
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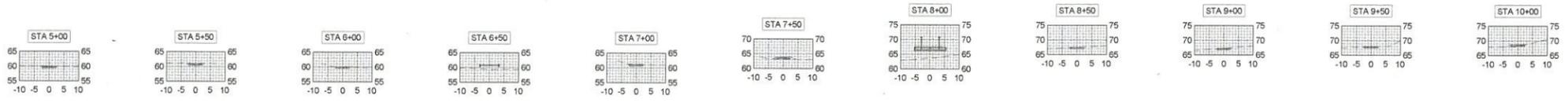
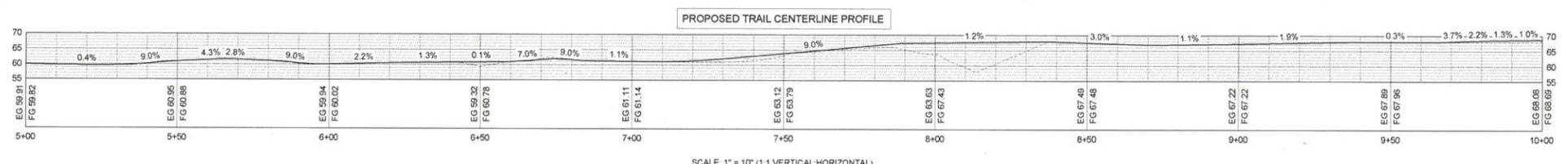
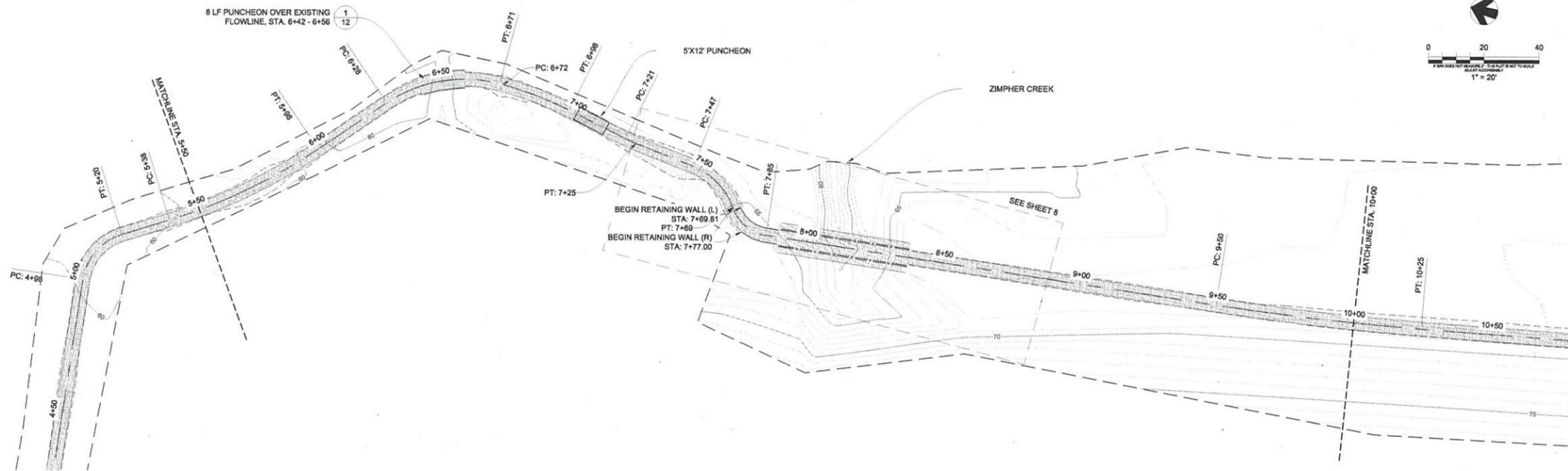
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SONOMA COUNTY



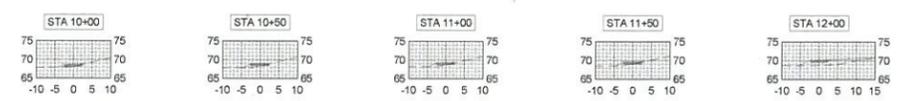
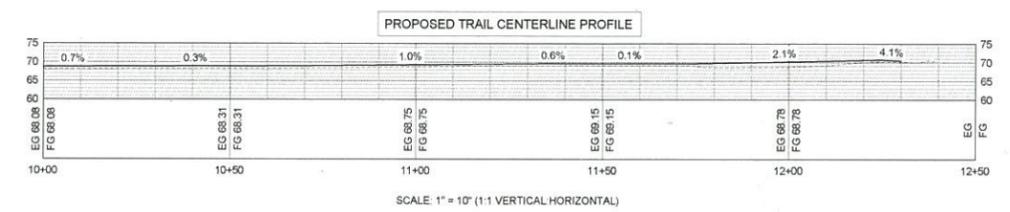
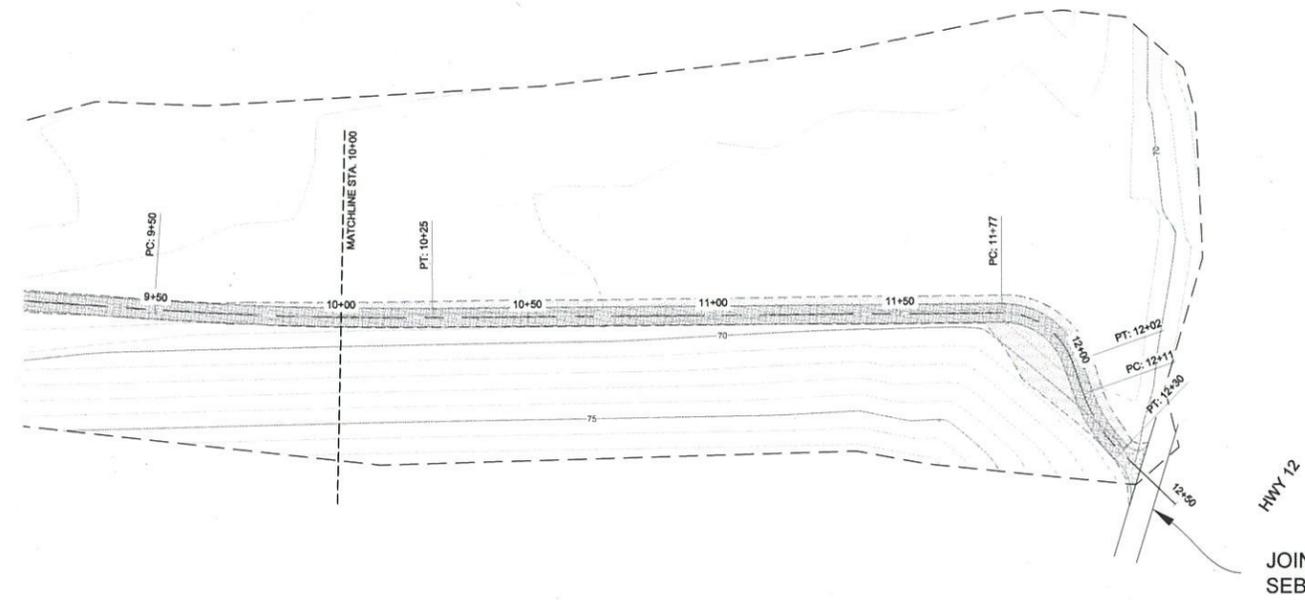
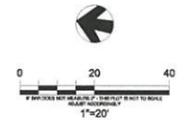
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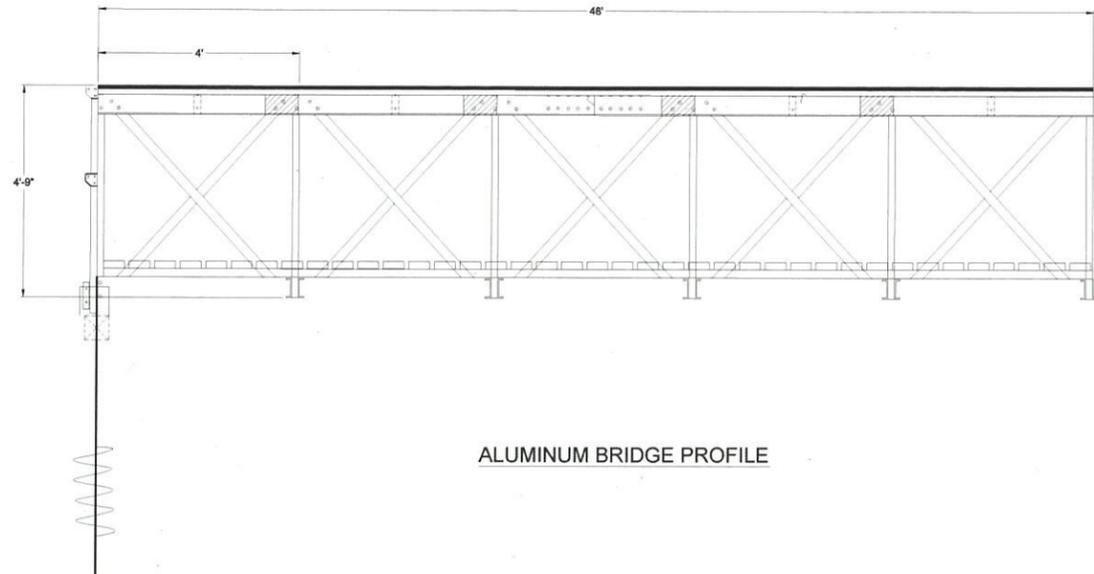
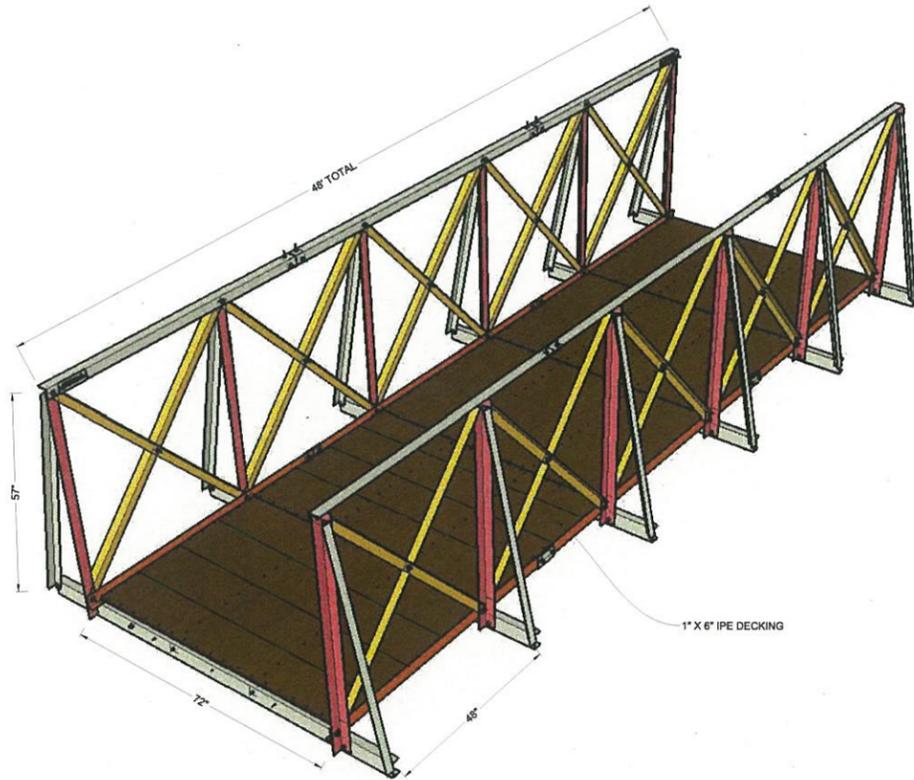
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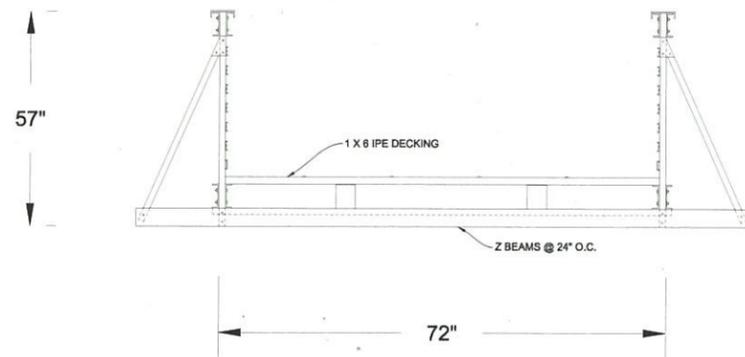
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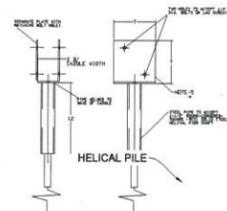
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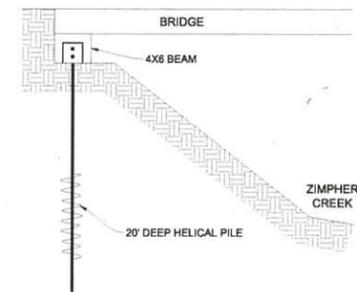
ALUMINUM BRIDGE PROFILE



ALUMINUM BRIDGE SECTION



HELICAL PILE



ALUMINUM BRIDGE DETAILS

*PROPOSED BRIDGE SUPPLIER ROLLING
BARGE INC. (www.rollingbarge.com)

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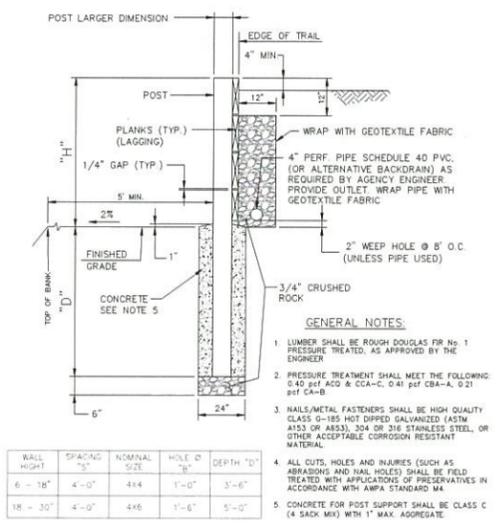
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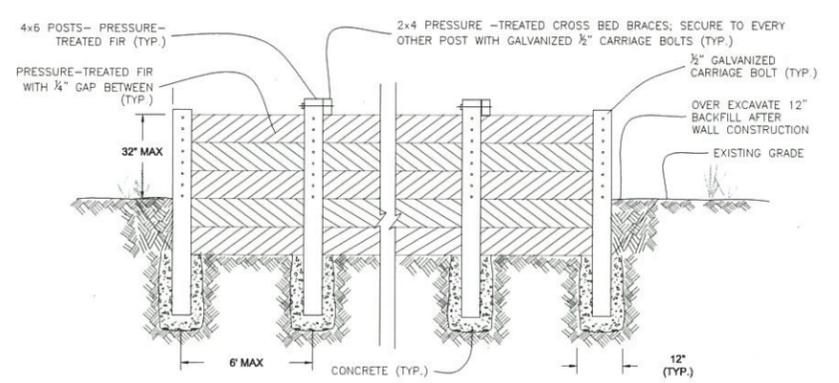
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RETAINING WALL DETAIL (32" MAX)
SIDE VIEW 2



WOOD RETAINING WALL
ELEVATION VIEW

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AMERICORPS TRAIL
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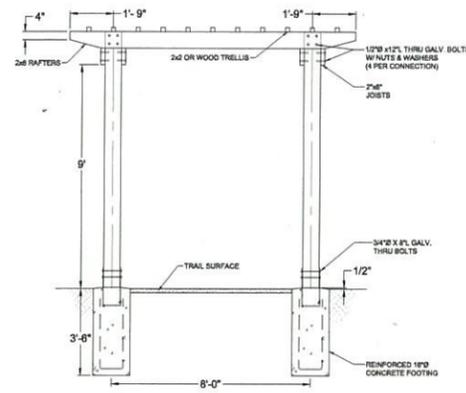
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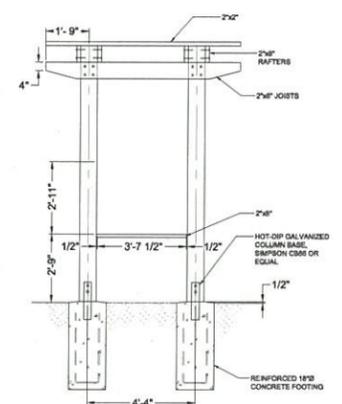
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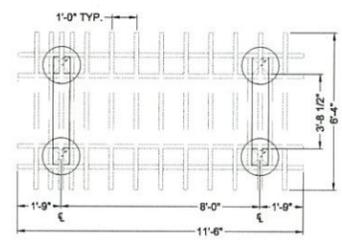
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 PLOT SCALE: 1/1"=1'-0"



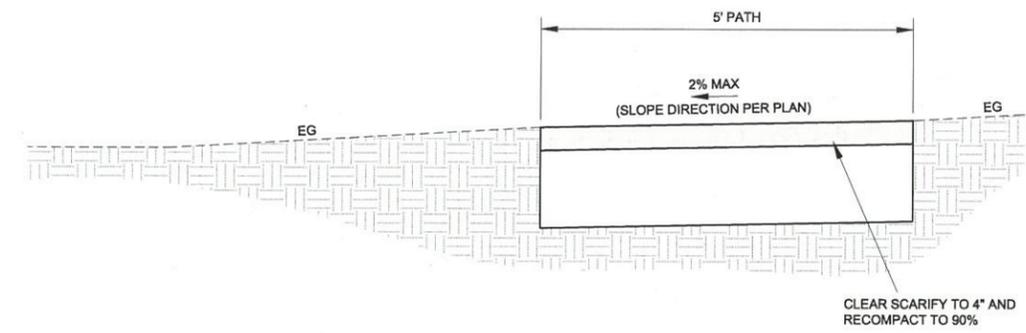
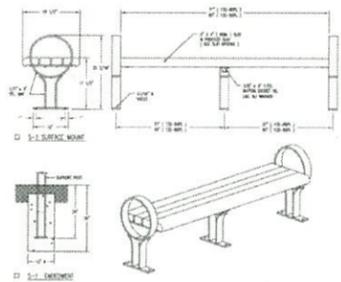
SECTION 'A-A'



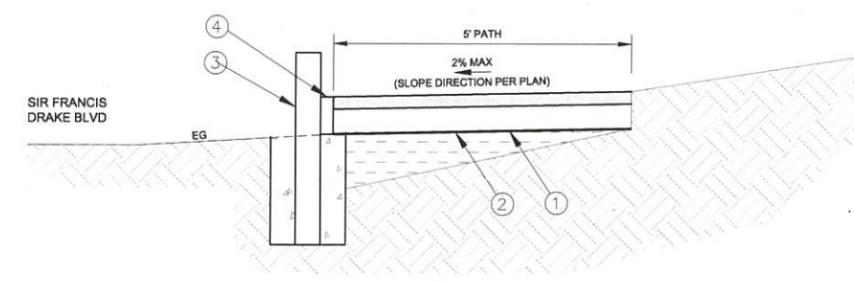
SECTION 'B-B'



PLAN



2. TYPICAL 'TYPE A' AT-GRADE PATHWAY SECTION
NOT TO SCALE



NOTES:

1. LIGHTLY SCARIFY EXISTING GRADE, AND RECOMPACT 2" MAX DEPTH AS CONDITIONS ALLOW.
2. GEOSYNTHETIC WOVEN FABRIC AMOCO 2016, OR EQUAL.
3. 4x4 PTF POST @ 5' O.C. MAX SPACING, IMBED MIN 18" DEPTH IN 12" DIAMETER CONCRETE FOOTING.
4. 2x8 PTF "BROWN" HEADERBOARD, 2" LIP ABOVE PATHWAY SURFACE. TRANSITION TO 2x6 AND 2x4 LONGITUDINALLY TO MATCH PATHWAY GRADE WHERE NEEDED.
5. ENGINEER TO ASSIST WITH LAYOUT.

3. TYPICAL 5' PATHWAY W/ WOOD HEADERBOARD CONSTRAINED AREAS
NOT TO SCALE

80% DESIGN
NOT FOR CONSTRUCTION

AMERICORPS TRAIL
SEBASTOPOL
SONOMA COUNTY

QUESTA
ENGINEERING CORP.
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Sht.	Rev.	Date:	By:	Description:	App'd:

Design: JP
Drawn: SY
Checked: MH
App'd: MH

PATHWAY DETAILS

Size D
Scale: 1700038
AS NOTED
Date: 04-17-18
SHEET 11 OF 12

P:\CITY\1700038\1700038-AMERICORPS TRAIL\DWG\DETAILS\1700038-DETAILS.DWG PLT DATE: 4/18/2018 PLT BY: JH/ML/2018

