



**REGULAR OPEN SPACE, ACTIVE
TRANSPORTATION, AND SUSTAINABILITY
COMMISSION MEETING AGENDA**

City Hall - Council Chambers
4381 Broadway, Ste. 201, American Canyon

**March 1, 2023
6:30 PM**

Chair: Nance Matson

Vice Chair: Scott Artis

Commissioners: Barry Christian, Tara McClinton-Horner, Sean Hughes

Consistent with Government Code Section 54953 and the American Canyon City Council Resolution Declaring the Existence of a Local Emergency due to the COVID-19 Pandemic, City Council and other public meetings will be conducted both in person at City Hall, 4381 Broadway, Suite 201, and also via Zoom Teleconferencing to promote local, state, and federal guidelines and social distancing recommendations for the containment of the coronavirus. City officials and members of the public are invited to attend the meeting either in person or via teleconference. This meeting will be broadcast live to residents on Napa Valley TV, on our website [here](#) and on YouTube [here](#).

PUBLIC PARTICIPATION

Oral comments, during the meeting: Oral comments can be made in person during the meeting. A Zoom Webinar has been established for public comments made via zoom. To give your public comment via zoom, use the Register to Speak feature of eComments, connect via the below Zoom link and use the “raise your hand” tool, or call into the zoom meeting at 408-638-0968 and press *9 to “raise your hand” when the item is called. To avoid confusion, all hands raised outside of Public Comment periods will be lowered.

Written comments, via eComments: Please submit written comments through the eComments link, located on the Meetings & Agendas page of our website [here](#). Comments will be available to council members in real time. eComments will remain open throughout the meeting. All comments received will be posted online and become part of the meeting record.

Zoom Meeting Link: [Click here](#)

Webinar ID: 824 4969 2640 **Passcode:** 926453

The above-identified measures exceed all legal requirements for participation in public comment, including those imposed by the Ralph M. Brown Act. For more information, please call the Office of the City Clerk at (707) 647-4369 or email cityclerk@cityofamericancanyon.org.

AGENDA MATERIALS: Open Space, Active Transportation, and Sustainability Commission Meeting agenda materials are published 72 hours prior to the meeting and are available to the public via the City’s website at www.cityofamericancanyon.org.

AMERICANS WITH DISABILITIES ACT: The Open Space, Active Transportation, and Sustainability Commission will provide materials in appropriate alternative formats to comply with the Americans with Disabilities Act. Please send a written request to City Clerk at 4381 Broadway, Suite 201,

American Canyon, CA 94503 or by email to cityclerk@cityofamericancanyon.org. Include your name, address, phone number and brief description of the requested materials, as well as your preferred alternative format or auxiliary aid, at least three calendar days before the meeting.

6:30 P.M. REGULAR MEETING

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

PRESENTATIONS

1. **2020 Urban Water Management Plan (UWMP) and 2022 Drought Contingency Plan (DCP)**
Recommendation: Receive and file a presentation from the Maintenance and Utilities Director, Felix Hernandez III regarding the 2020 Urban Water Management Plan (UWMP) and the 2022 Drought Contingency Plan (DCP).

PUBLIC COMMENT - ITEMS NOT ON THE AGENDA

*This time is reserved for members of the public to address the Open Space, Active Transportation, and Sustainability Commission on items of interest that are not on the Agenda and are within the subject matter jurisdiction of the Open Space, Active Transportation, and Sustainability Commission. It is recommended that speakers limit their comments to 3 minutes each and it is requested that no comments be made during this period on items on the Agenda. Members of the public wishing to address the Open Space, Active Transportation, and Sustainability Commission on items on the Agenda should comment via email prior to the start of the meeting, or to verbally comment on the item during the meeting, click the "raise your hand" button if joining by computer, or press *9 if joining by phone, when the item is called. The Open Space, Active Transportation, and Sustainability Commission is prohibited by law from taking any action on matters discussed that are not on the Agenda, and no adverse conclusions should be drawn if the Open Space, Active Transportation, and Sustainability Commission does not respond to public comment at this time. Speakers are asked to please speak clearly, and provide their name. Any handouts for distribution to the Open Space, Active Transportation, and Sustainability Commission must be emailed by 3:00 p.m. on meeting day.*

AGENDA CHANGES

CONSENT CALENDAR

2. **Approve Meeting Minutes for the December 7, 2022 OSAC Meeting.**

BUSINESS

3. **Elect Chair and Vice-Chair for 2023.**
Recommendation: Elect two OSATS Commissioners to serve as the chair and vice-chair for calendar year 2023.
4. **Newell Open Space Trail and Parking Lot Conceptual Design.**
Recommendation: Review and comment on the 60% Improvement Plan for Newell Open

Space Trail and Parking Lot.

MANAGEMENT AND STAFF REPORTS

COMMISSIONER COMMENTS

ADJOURNMENT

CERTIFICATION

I, Liz Lozano, Administrative Technician for the City of American Canyon, do hereby declare that the foregoing Agenda of the Open Space, Active Transportation, and Sustainability Commission was posted in compliance with the Brown Act prior to the meeting date.

Liz Lozano, Administrative Technician



TITLE

2020 Urban Water Management Plan (UWMP) and 2022 Drought Contingency Plan (DCP)

RECOMMENDATION

Receive and file a presentation from the Maintenance and Utilities Director, Felix Hernandez III regarding the 2020 Urban Water Management Plan (UWMP) and the 2022 Drought Contingency Plan (DCP).

CONTACT

Felix Hernandez, III, Maintenance and Utilities Director

COUNCIL PRIORITY PROGRAMS AND PROJECTS

Infrastructure: "Develop and maintain infrastructure resources to support sustainable growth."

FISCAL IMPACT

None

ENVIRONMENTAL REVIEW

None

ATTACHMENTS:

None

**City of American Canyon
Open Space Advisory Committee
4381 Broadway, Suite 201**

December 7, 2022

ACTION MINUTES

CALL TO ORDER

The meeting was called to order at 6:30p.m.

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

ROLL CALL

Roll Call was taken.

ATTENDANCE

Open Space Advisory Committee Members Present:

Chair Nance Matson

Committee Member Barry Christian

Committee Member Tara McClinton-Horner

Committee Member Kim Hester-Williams

Absent:

Vice Chair Scott Artis

PRESENTATIONS

Received a presentation by Deborah Elliot, Environmental Resource Specialist, on the Napa County Regional Green House Gas Inventory.

Chair Matson opened Public Comment on the Presentation.

Written Public Comment Received:

None

Oral Public Comment Received:

Leon Garcia, Mario Valadez

Chair Matson closed Public Comment on the Presentation.

PUBLIC COMMENT

Chair Matson opened Public Comment.

Written Public Comment Received:

None

Oral Public Comment Received:

Kara Vernor made a Public Comment.

Chair Matson closed Public Comment.

AGENDA CHANGES

None

CONSENT CALENDAR

Approved the Consent Calendar that included Meeting Minutes for the November 2, 2022, OSAC Meeting and the 2023 OSATS Meeting Calendar, Motioned by Committee Member Christian; Seconded by Committee Member Hester- Williams.

Roll Call was taken; the motion passed unanimously.

BUSINESS

1. Draft “Reauthorization Resolution” and Fiscal Year 2022/2023 Work Plan.

City Manager Holley led a discussion and review with OSAC of the draft Reauthorization Resolution to include open space, active transportation, and sustainability issues and the draft Fiscal Year 2022/2023 Work Plan. OSAC provided comments and revisions in preparation for City Council’s review and adoption of OSATS’s Reauthorization Resolution and Fiscal Year 2022/2023 Work Plan at the December 20, 2022, City Council Meeting.

Chair Matson opened Public Comment.

Written Public Comment Received:

There was a written comment received by Kara Vernor (see attached).

Oral Public Comment Received:

Kara Vernor made a Public Comment.

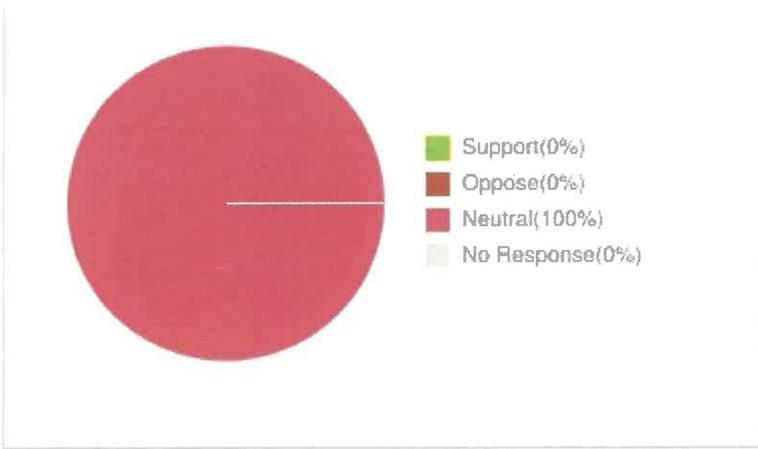
Chair Matson closed Public Comment.

ADJOURNMENT

The meeting was adjourned at 8:55p.m.

CERTIFICATION

Liz Lozano
Administrative Technician



eComments [Hide/Show](#)

Agenda Item --	Name --	Comment --	Position Submitted --	At --
4.) Draft "Reauthorization Resolution" and Fiscal Year 2022/2023 Work Plan.	Kara Vernor	<p>The Napa County Bicycle Coalition is excited about the shift in how the City of American Canyon works with its citizen advisors, and we applaud the newly transformed entity now known as the Open Space, Active Transportation, and Sustainability, or OSATS.</p> <p>Having a bicycle advisory committee or active transportation committee (ATAC) is so essential to being a bicycle-friendly community that the League of American Bicyclists, the national organization that bestows this community designation, lists bike advisory committees as one of its ten criteria for evaluating whether a community is bicycle-friendly. That's because creative solutions arise when citizens who have the lived experience of walking and riding their community's streets give input into how those streets are designed. For example, the City of Napa will be implementing its first buffered bike lane, a design that resulted in part from collaborating with its ATAC.</p> <p>For an ATAC to be truly that, it must advise on the designs of proposed bike/ped facilities. This is standard for ATAC workplans and is regularly done so in other Napa County jurisdictions. We</p>	Neutral	12-07-2022 09:41 am

Agenda Item --	Name --	Comment --	Position Submitted --	At --
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recognize and respect not only the expertise of City of American Canyon staff but also their good intentions in building more complete streets. The need for citizens to review design plans is in no way a response to staff capabilities in any jurisdiction. Rather, ATACs are there to bring lived experience to designs, as well as community values. Almost always there is more than one right way to design a street, and ATACs rely on the expertise of city staff to show them the feasible options. Choosing between those options—do we remove trees to implement a bike lane; do we prefer wider vehicle lanes or a buffered bike lane with narrower vehicle lane—relies on community input.

City Council voted not only to continue this advisory committee, but to elevate it to a commission and to include Active Transportation in its name. For it to serve its purpose, it must have the opportunity to advise on bike/ped infrastructure. If it is only presented infrastructure projects after designs are final or near final, it cannot provide advice that results in substantive outcomes.

Incredible improvements can happen when cities collaborate with citizen advisors. Therefore, it is fundamental that review of designs for repaving projects, CIP street projects, and other road projects is included in OSATS' workplan and come before OSATS on a regular basis for input.

Speaker Requests [Hide/Show](#)

No Speaker Requests have been received for this selection

[Feedback](#)



TITLE

Elect Chair and Vice-Chair for 2023.

RECOMMENDATION

Elect two OSATS Commissioners to serve as the chair and vice-chair for calendar year 2023.

CONTACT

Alexandra Ikeda, Parks and Recreation Director

Liz Lozano, Administrative Technician

BACKGROUND & ANALYSIS

Annually, the Open Space, Active Transportation, and Sustainability Commission elects a chair and vice-chair to serve a calendar year term (January-December). The primary role of the chair is to lead the OSATS Commission Meetings and occasionally meet with city staff to discuss agenda topics in preparation of upcoming OSATS Meetings. The vice-chair's primary role is to lead the commission meetings if the chair is absent.

The Commissioners elected to serve as chair and vice-chair will assume their roles immediately. The chair will assume the duty of leading the meeting immediately after elections are completed.

Excerpts from Roberts Rules of Order regarding the nominations and elections process are as follows:

Nominations and Elections: when the vote is "viva voce" or by rising, the nomination is like a motion to fill a blank, the different names being repeated by the chair as they are made, and then the vote is taken on each in the order in which they were nominated, until one is elected. The nomination need not be seconded. When the nominations are completed the assembly proceeds to the election. An election takes place immediately if the candidate is present and does not decline, or if he/she is absent and has consented to his/her candidacy. If he/she is absent and has consented to his/her candidacy, it takes effect when he/she is notified of his/her election, provided he/she does not decline immediately.

COUNCIL PRIORITY PROGRAMS AND PROJECTS

Organizational Effectiveness: "Deliver exemplary government services."

FISCAL IMPACT

None.

ENVIRONMENTAL REVIEW

Not Applicable.

ATTACHMENTS:

None



TITLE

Newell Open Space Trail and Parking Lot Conceptual Design.

RECOMMENDATION

Review and comment on the 60% Improvement Plan for Newell Open Space Trail and Parking Lot.

CONTACT

Ron Ranada, P.E., Senior Civil Engineer
Erica Ahmann Smithies, P.E., Public Works Director

BACKGROUND & ANALYSIS

City staff will provide an update on the project at the meeting.

COUNCIL PRIORITY PROGRAMS AND PROJECTS

Outdoors and Recreation: "Expand opportunities for use of outdoor recreation and an active and healthy lifestyle."

FISCAL IMPACT

None

ENVIRONMENTAL REVIEW

None

ATTACHMENTS:

1. [Newell Open Space Trail and Parking Lot Design: 60% Draft Plans](#)

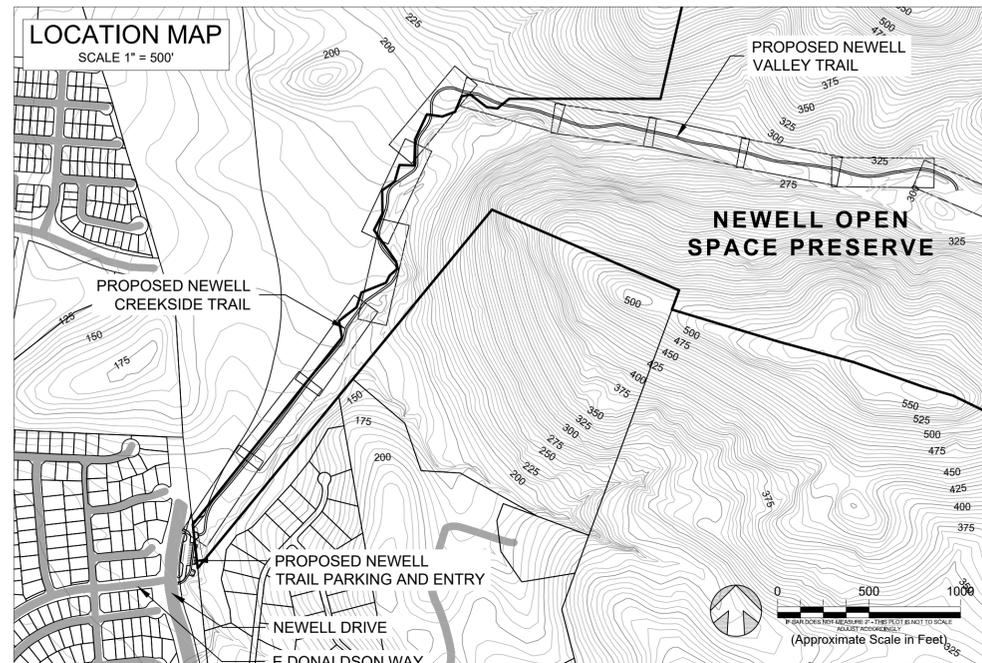
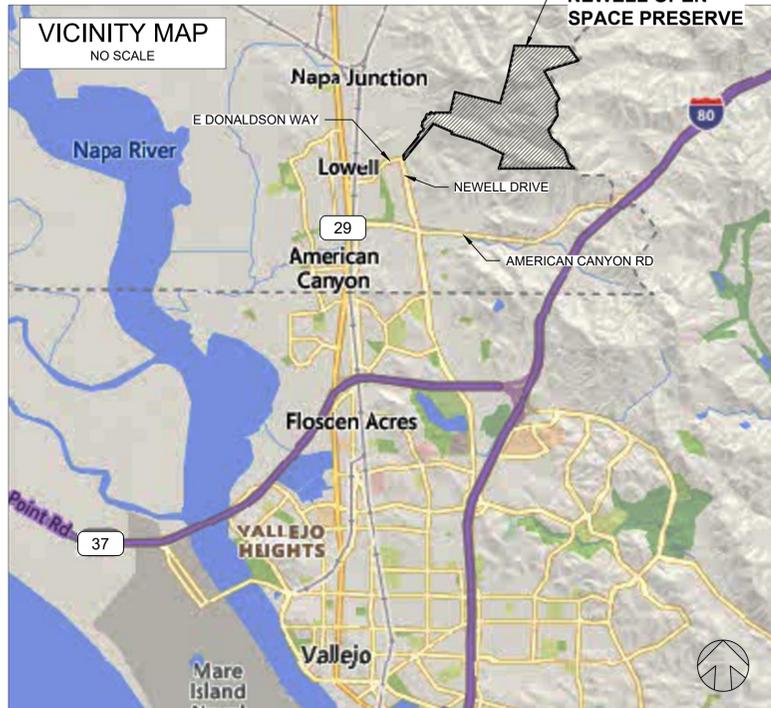


**BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-642-2444
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS**

CITY OF AMERICAN CANYON DEPARTMENT OF PARKS AND RECREATION PLANS FOR CONSTRUCTION OF **NEWELL OPEN SPACE PRESERVE NATURE TRAILS AND PICNIC AREA**

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4	EROSION CONTROL
5	PARKING & ENTRY - DEMO
6	PARKING & ENTRY - LAYOUT
7	PARKING & ENTRY - GRADING
8	TRAIL PLAN & PROFILE (1)
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GENERAL NOTES

- DESIGN INTENT:** THESE PLANS AND SPECIFICATIONS REPRESENT THE DESIGN INTENT OF QUESTA ENGINEERING CORPORATION (THE ENGINEER), AS APPROVED BY THE OWNER, NAPA COUNTY REGIONAL PARK AND OPEN SPACE DISTRICT. 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.
- 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.
- MATERIALS AND WORKMANSHIP:** ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE NAPA COUNTY 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.
- 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 ANY INVOLVED REGULATORY AGENCIES. 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. SPECIAL ATTENTION WILL BE PAID TO ANY WETLANDS, SOIL EROSION AND WATER QUALITY PROTECTION REQUIREMENTS. NOTICE FOR THE CONTRACTOR TO PROCEED WITH WORK SHALL BE PROVIDED AT COMPLETION OF THE PRE-CONSTRUCTION MEETING.

- RESOURCE PROTECTION:** THE CONTRACTOR IS ADVISED OF THE PRESENCE OF SENSITIVE RESOURCES LOCATED NEAR PROJECT WORK AREAS. THE TRAIL ALIGNMENT, FENCING, STAGING AREAS AND ALL OTHER PROJECT FACILITIES HAVE BEEN CAREFULLY LOCATED TO AVOID PHYSICAL DISTURBANCE OF SENSITIVE RESOURCES. 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 BY STRAW WATTLES, CONSTRUCTION BARRIER FENCING, OR SILT FENCING AS SHOWN ON THE DRAWINGS.

THE DISTRICT WILL PROVIDE A QUALIFIED BIOLOGICAL MONITOR THAT WILL INITIALLY REVIEW SITE CONSTRUCTION PROTOCOLS WITH ALL CONSTRUCTION CONTRACTOR EMPLOYEES AT A PRE-CONSTRUCTION MEETING THAT WILL BE SPECIFICALLY HELD ON RESOURCE PROTECTION. EACH EMPLOYEE ASSIGNED TO THIS PROJECT MUST PARTICIPATE IN THIS PRE-CONSTRUCTION MEETING AND DISCUSSION OF ADJACENT SENSITIVE RESOURCES, AND SIGN A STATEMENT INDICATING THAT THEY HAVE READ AND UNDERSTAND THE PROTOCOLS AND AGREE TO ADHERE TO THEM. ANY BREACH OF PROTOCOL WILL RESULT IN THAT EMPLOYEE BEING IMMEDIATELY PROHIBITED FROM ANY WORK AT THE PROJECT SITE. SIGNIFICANT BREACHES OF PROTOCOL AND FAILURE TO ADEQUATELY PROVIDE THE DEGREE OF RESOURCE PROTECTION REQUIRED BY THIS PROJECT WILL RESULT IN THE ISSUANCE OF A STOP WORK ORDER BY THE ENGINEER OR BY THE BIOLOGICAL MONITOR.

THE DISTRICT PROVIDED BIOLOGICAL MONITOR WILL CAREFULLY INSPECT ALL WORK AREAS FOR THE PRESENCE OF WILDLIFE PRIOR TO INSTALLATION OF PROTECTIVE BARRIER FENCING AND FIELD FENCING, AND PRIOR TO INITIATION OF CONSTRUCTION EACH DAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PENALTIES AND ALL REPAIRS AND MITIGATIONS IMPOSED DUE TO BREACH OF PROTOCOL AND UNAUTHORIZED INTRUSION INTO SENSITIVE RESOURCE AREAS.

- COMPLETION SCHEDULE:** CONTRACTOR SHALL PROVIDE DISTRICT 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.

- 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 DISTRICT, PG&E, AT&T, AND ALL OTHER AFFECTED AGENCIES.

- 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, NATIVE TREES, SHRUBS, WETLANDS, 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 DISTRICT FROM MONIES DUE CONTRACTOR UNDER THIS CONTRACT.

- 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 DISTRICT 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 DISTRICT 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 (CalOSHA) 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 CALTRANS MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE OF WORK ZONES. 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.

- 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, DISTRICT AND THE DESIGN 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 DISTRICT OR ENGINEER OF RECORD, ACTING ON BEHALF OF THE DISTRICT, MAY REQUIRE PLAN REVISIONS DUE TO UNFORESEEN CIRCUMSTANCES AND CONFLICTS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY JOINTLY THE DISTRICT 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.

- 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.

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

60% DRAFT

**NEWELL OPEN SPACE
NATURE TRAIL AND PICNIC AREA**

City of American Canyon, CA
Department of Parks and Recreation



Civil
Environmental
& Water Resources

(510) 236-6114
FAX (510) 236-2423
questa@questaec.com
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

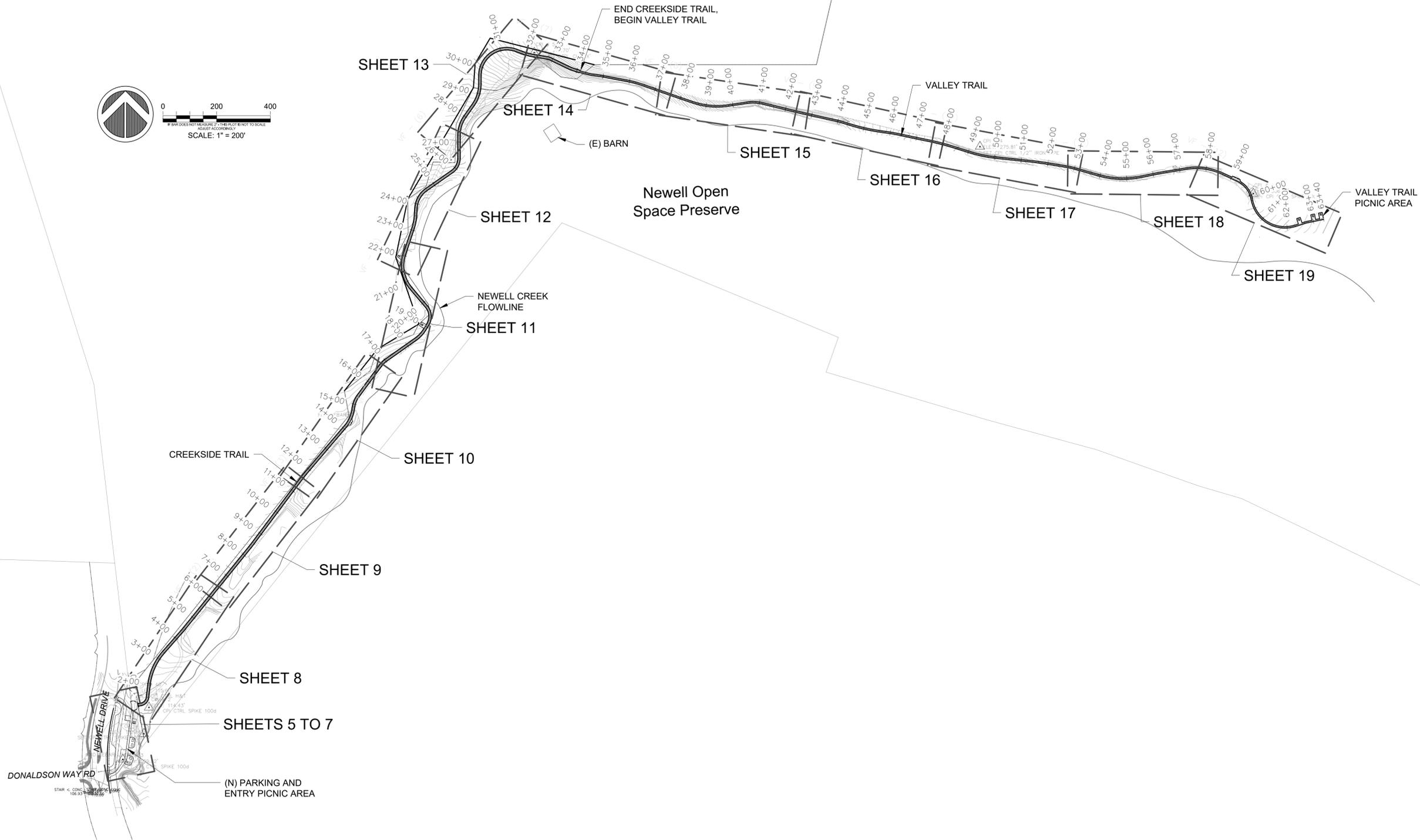
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Checked:	JP
Appr'd:	XXX

TITLE SHEET

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Sheet:	1 of 26

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60% DRAFT

**NEWELL OPEN SPACE
NATURE TRAIL AND PICNIC AREA**

City of American Canyon, CA
Department of Parks and Recreation



Civil
Environmental
& Water Resources

(510) 236-6114
FAX (510) 236-2423
questa@questaec.com

P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

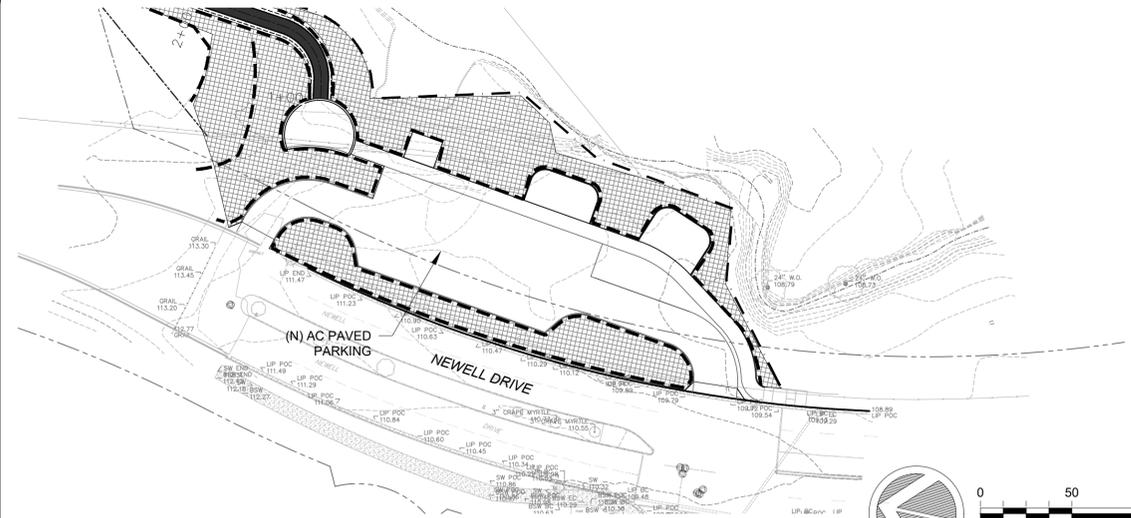
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Design:	MH/OR/CN
Drawn:	OR
Checked:	JP
Appr'd:	XXX

SITE PLAN

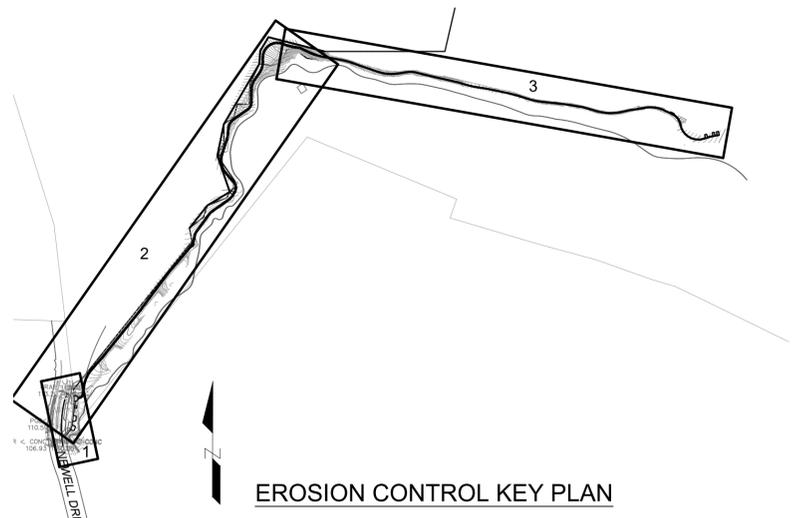
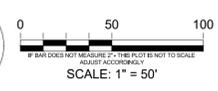
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Sheet:	2 OF 26

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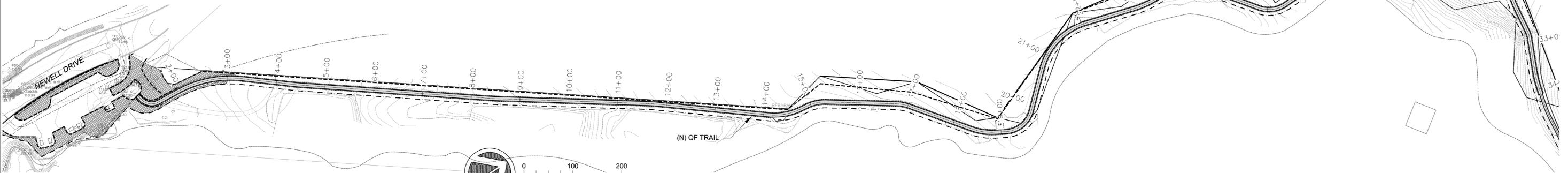


1 ENTRY AREA EROSION CONTROL PLAN
Scale: 1" = 50'

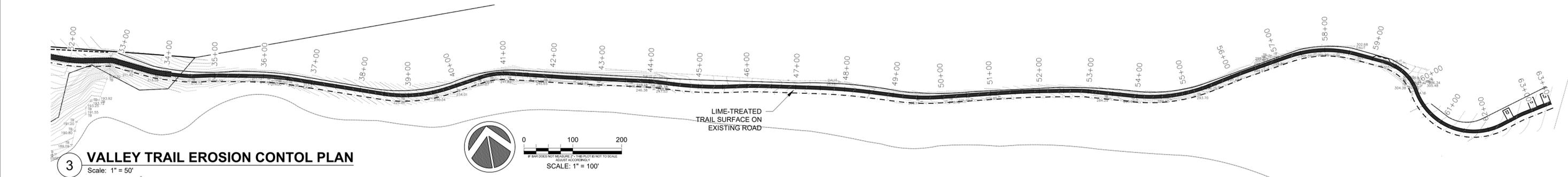
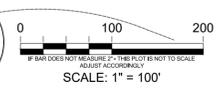
- EROSION CONTROL LEGEND**
- FIBER ROLLS
PER DETAIL 1, SHEET 23
 - - - SILT FENCE
PER DETAIL 2, SHEET 23
 - ▨ HYRDOSEED AND HYDROMULCH



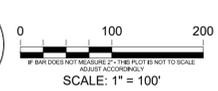
EROSION CONTROL KEY PLAN



2 CREEKSIDE TRAIL EROSION CONTROL PLAN
Scale: 1" = 50'



3 VALLEY TRAIL EROSION CONTROL PLAN
Scale: 1" = 50'



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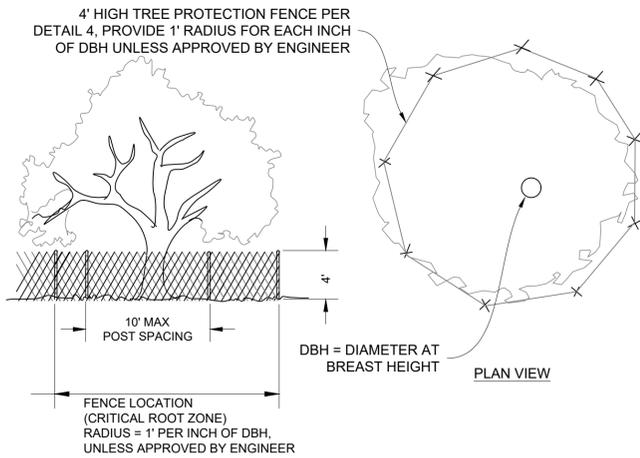
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Design: MH/OR/CN
Drawn: OR
Checked: JP
Appr'd: XXX

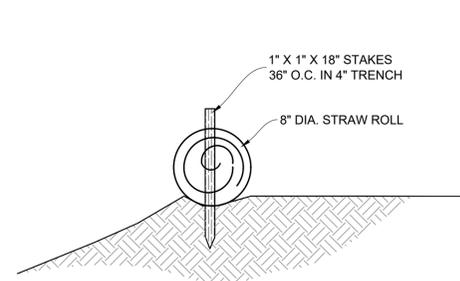
EROSION CONTROL PLAN

Size: D
Project: 1600080
Scale: AS SHOWN
Date: 1-18-2023
Sheet: 3 OF 26

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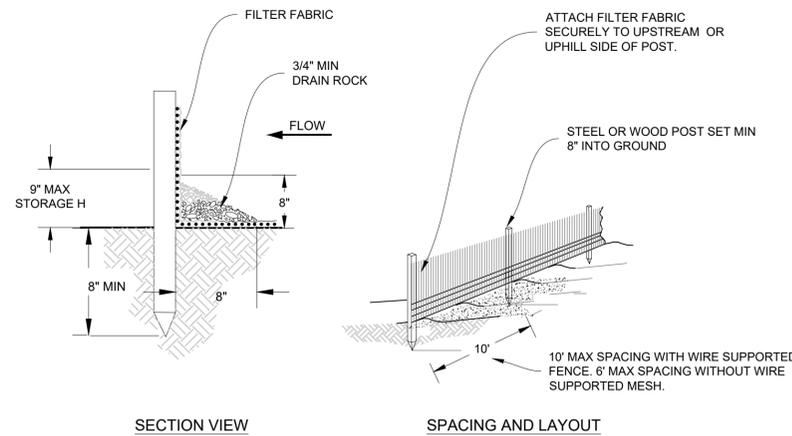
1 TREE PROTECTION FENCING
NTS



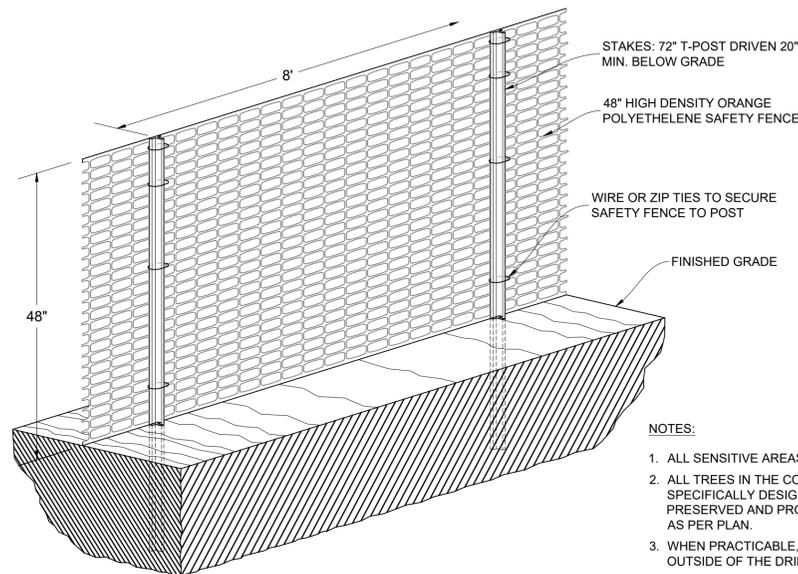
NOTES:

1. PLACE THE LOOSE EDGE OF THE FIBER ROLLS INTO A 4-INCH DEEP TRENCH AND SECURE WITH A SINGLE ROW OF STAPLES INSTALLED ON 12-INCH CENTERS
2. POSITION THE FIBER ROLLS INTO THE TRENCH ADJACENT TO THE SIDEWALK/BACK OF CURB/BACK OF V-DITCH
3. DRIVE WOODEN 18-INCH STAKES THROUGH THE ROLL ON APPROXIMATELY 3-FOOT CENTERS TO SECURE IN PLACE
4. USE COCONUT ROLLS FOR PERMANENT PLACEMENT

2 FIBER ROLL INSTALLATION
NTS



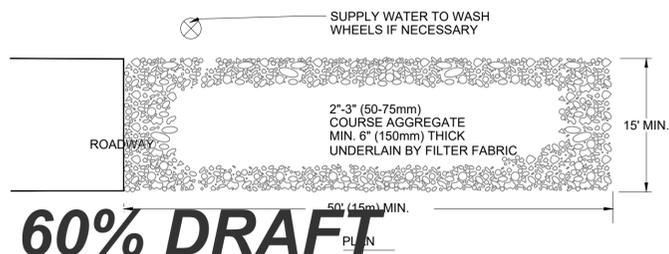
3 TEMPORARY SILT/ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING AT LIMIT OF WORK
NTS



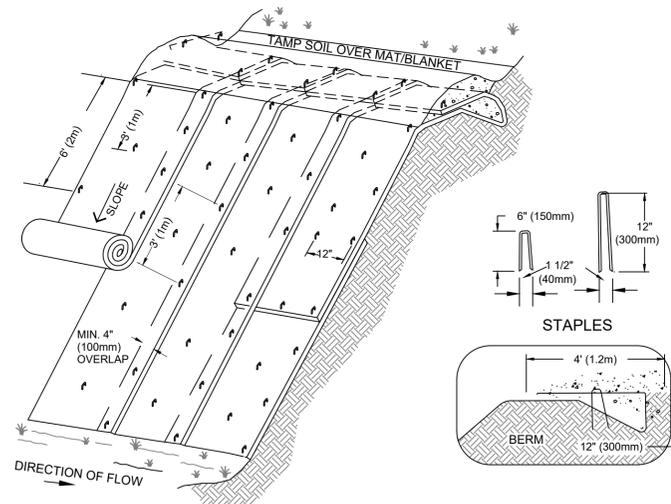
NOTES:

1. ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
2. ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY FENCE AS PER PLAN.
3. WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
4. SAFETY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS.
5. THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

4 CONSTRUCTION BARRIER FENCE
NTS



5 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT
NTS



NOTES:

1. EROSION CONTROL BLANKETS/MATS SHALL BE BIODEGRADABLE (SEE SPECS)
2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLOUDS, STICKS AND GRASS.
3. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
4. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
5. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
6. MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWNSLOPE.
7. HYDROSEED DISTURBED AREAS THAT ARE EITHER COMPLETED OR WON'T BE REDISTURBED DURING THE RAINY SEASON (OCTOBER 15TH TO APRIL 15TH)

6 EROSION CONTROL FABRIC & MIX
NTS

EROSION CONTROL NOTES

1. GRADING, EROSION CONTROL PRACTICES, AND SEDIMENT CONTROL PRACTICES SHALL MEET THE DESIGN CRITERIA SET FORTH IN THE MOST RECENT VERSION OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK AND SHALL BE ADEQUATE TO PREVENT TRANSPORTATION OF SEDIMENT FROM THE SITE TO ANY OFFSITE AREA TO THE SATISFACTION OF THE ENGINEER.
2. CLEARING, EXCEPT THAT NECESSARY TO ESTABLISH SEDIMENT CONTROL DEVICES, SHALL NOT BEGIN UNTIL ALL SEDIMENT CONTROL DEVICES HAVE BEEN INSTALLED AND HAVE BEEN STABILIZED.
3. SUFFICIENT EROSION AND SEDIMENT CONTROL SUPPLIES SHALL BE AVAILABLE ON SITE DURING THE RAINY SEASON (OCTOBER THROUGH APRIL) TO PROTECT AREAS SUSCEPTIBLE TO EROSION DURING RAIN EVENTS. CONTRACTORS SHALL BE PREPARED YEAR-ROUND TO DEPLOY EROSION AND SEDIMENT TREATMENT CONTROL PRACTICES.
4. SOIL DISTURBANCE WORK SHALL BE CONDUCTED DURING DRY WEATHER.
5. THE CONTRACTOR SHALL PROVIDE A SWPPP PRIOR TO THE COMMENCEMENT OF WORK.
6. THE CONTRACTOR SHALL PROVIDE ADEQUATE MATERIALS MANAGEMENT, INCLUDING COVERING, SECURING, AND SEGREGATING POTENTIALLY TOXIC MATERIALS (ASPHALT, HERBICIDES, PESTICIDES, FERTILIZER, GREASE, OILS, FUEL, PAINTS, STAINS, SOLVENTS, WOOD PRESERVATIVES, ETC.), AND PROVIDING SECONDARY CONTAINMENT FOR HAZARDOUS MATERIALS.
7. THE CONTRACTOR SHALL PROVIDE TRAINING AND EQUIPMENT TO CONTAIN SPILLS OF OIL AND OTHER HAZARDOUS MATERIALS.
8. PAVING OPERATIONS SHALL BE CONDUCTED IN A MANNER THAT PROPERLY DISPOSES OF WASTES AND IN WHICH MEASURES TO CONTROL RUN ON AND PREVENT RUNOFF FROM AREAS BEING PAVED ARE IMPLEMENTED.
9. SANITARY FACILITIES OF SUFFICIENT NUMBER AND SIZE TO ACCOMMODATE CONSTRUCTION CREWS SHALL BE LOCATED AWAY FROM STORM DRAIN INLETS AND DRAINAGE FACILITIES, AND ANCHORED TO PREVENT BEING BLOWN OVER OR TIPPED BY VANDALS. THE FACILITIES SHALL BE MAINTAINED IN GOOD WORKING ORDER AND EMPTIED AT REGULAR INTERVALS BY A LICENSED SANITARY WASTE HAULER.
10. SOIL STABILIZATION SHALL BE COMPLETED WITHIN FIVE DAYS OF CLEARING OR INACTIVITY IN CONSTRUCTION.
11. CONTRACTOR SHALL AVOID DISTURBING LAND IN SENSITIVE AREAS AND TO PRESERVE EXISTING VEGETATION WHEREVER POSSIBLE.
12. MAJOR GRADING OPERATIONS SHALL BE SCHEDULED DURING DRY MONTHS WHEN PRACTICAL, AND SHALL ALLOW ADEQUATE TIME AS SPECIFIED IN REGULATORY PERMITS BEFORE RAINFALL BEGINS TO STABILIZE THE SOIL WITH EROSION CONTROL MATERIALS.
13. SEEDING AND MULCHING SHALL BE DONE AFTER GRADING IS COMPLETE. CONTRACTOR SHALL WAIT TO SEED AND MULCH UNTIL OCT 1 TO LIMIT BIRD PREDATION
14. IF SEEDING OR ANOTHER VEGETATIVE EROSION CONTROL METHOD IS USED, THE VEGETATIVE COVER SHALL BECOME ESTABLISHED WITHIN A TIME-FRAME APPROVED BY THE ENGINEER, OR THE ENGINEER MAY REQUIRE THE SITE TO BE RE-SEEDING OR A NON-VEGETATIVE OPTION EMPLOYED.
15. SPECIAL TECHNIQUES THAT MEET THE DESIGN CRITERIA OUTLINED IN THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK ON STEEP SLOPES OR IN DRAINAGE WAYS SHALL BE USED TO ENSURE STABILIZATION.
16. SOIL STOCKPILES MUST BE STABILIZED AND/OR SECURELY COVERED AT THE END OF EACH WORKDAY.
17. IN AREAS WHERE PERMANENT RE-SEEDING AND PLANTING IS NOT ESTABLISHED AT THE CLOSE OF THE CONSTRUCTION SEASON, ADDITIONAL CONTROL MEASURES SHALL BE USED, SUCH AS A HEAVY MULCH LAYER OR ANOTHER METHOD THAT DOES NOT REQUIRE GERMINATION, TO ENSURE SOIL STABILIZATION AT THE SITE.
18. WHERE RUNOFF NEEDS TO BE DIVERTED FROM ONE AREA AND CONVEYED TO ANOTHER, EARTH DIKES, DRAINAGE SWALES, SLOPE DRAINS OR OTHER SUITABLE PRACTICE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN CRITERIA SET FORTH IN THE MOST RECENT VERSION OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK.
19. TECHNIQUES SHALL BE EMPLOYED TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.
20. TECHNIQUES THAT DELIVER UPLAND RUNOFF PAST DISTURBED SLOPES SHALL BE EMPLOYED WHEN DETERMINED NECESSARY BY THE PROJECT ENGINEER.
21. LINEAR SEDIMENT BARRIERS SHALL BE PLACED BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, DOWN-SLOPE OF EXPOSED SOIL AREAS, AROUND SOIL STOCKPILES, AND AT OTHER APPROPRIATE LOCATIONS ALONG THE SITE PERIMETER.
22. STREET SWEEPING SHALL BE CONDUCTED ON AN AS NEEDED BASIS TO REMOVE SEDIMENT FROM STREETS AND ROADWAYS AND TO PREVENT THE SEDIMENT FROM ENTERING STORM DRAINS OR RECEIVING WATERS.
23. EVERY STORM DRAIN INLET WITH THE POTENTIAL TO RECEIVE SEDIMENT-LADEN RUNOFF SHALL BE PROTECTED IN ACCORDANCE WITH THE DESIGN CRITERIA SET FORTH IN THE MOST RECENT VERSION OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK. INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED FREQUENTLY.
24. SEDIMENT BASINS OR SEDIMENT TRAPS SHALL BE INSTALLED ON PROJECTS WHERE SEDIMENT-LADEN WATER MAY ENTER THE DRAINAGE SYSTEM OR WATERCOURSES AND IN ASSOCIATION WITH DIKES, TEMPORARY CHANNELS, AND PIPES USED TO CONVEY RUNOFF FROM DISTURBED AREAS.
25. OTHER MEASURES, SUCH AS TRACK-OUT PREVENTION DEVICES, OR AS REQUIRED BY THE ENGINEER IN ORDER TO ENSURE THAT SEDIMENT IS NOT TRACKED ONTO PUBLIC STREETS BY CONSTRUCTION VEHICLES OR WASHED INTO STORM DRAINS.

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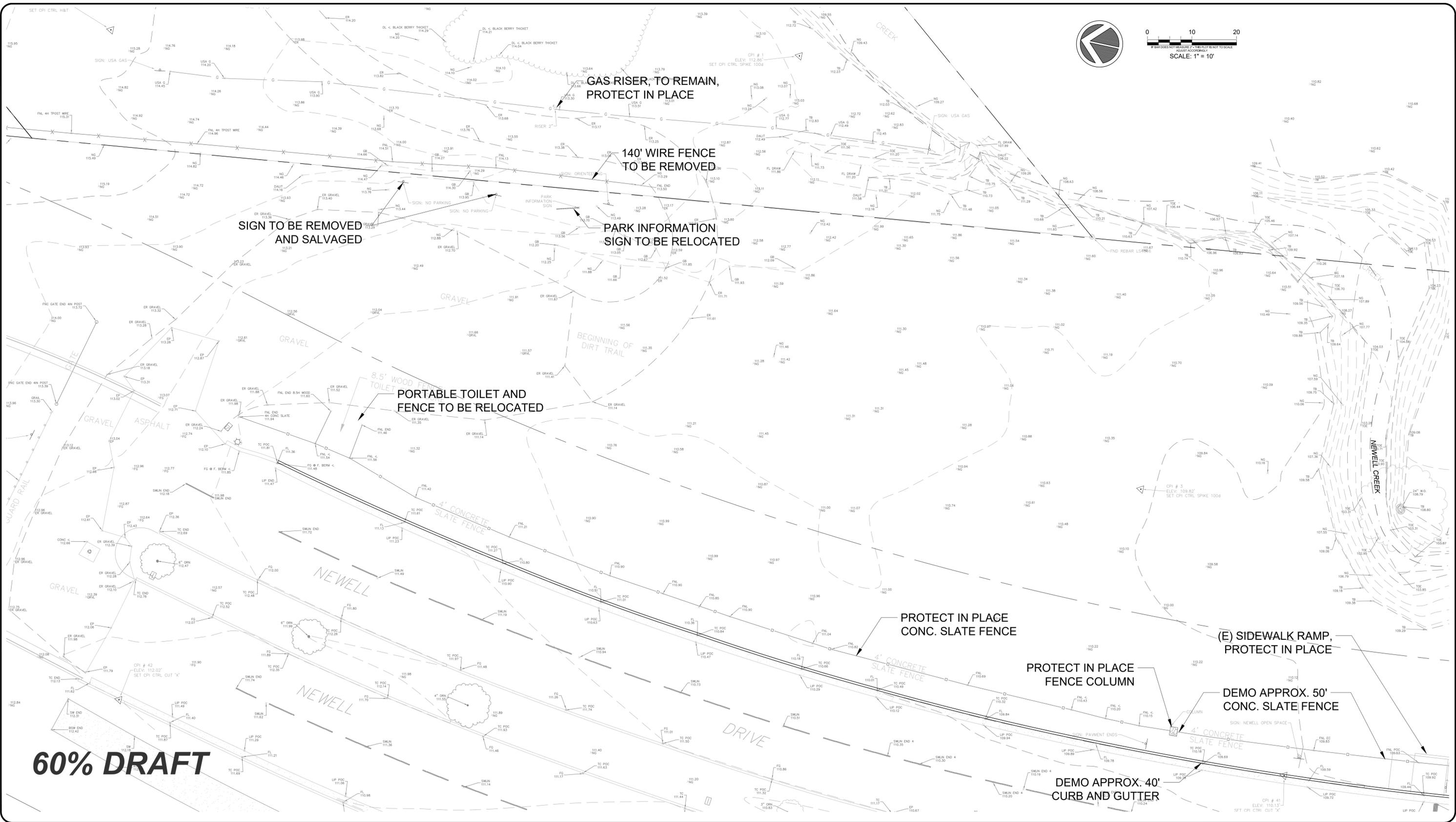
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**EROSION CONTROL
NOTES AND DETAILS**

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Sheet:	4 OF 26



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PARKING & ENTRY - DEMO

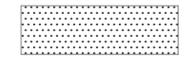
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PAVING LEGEND



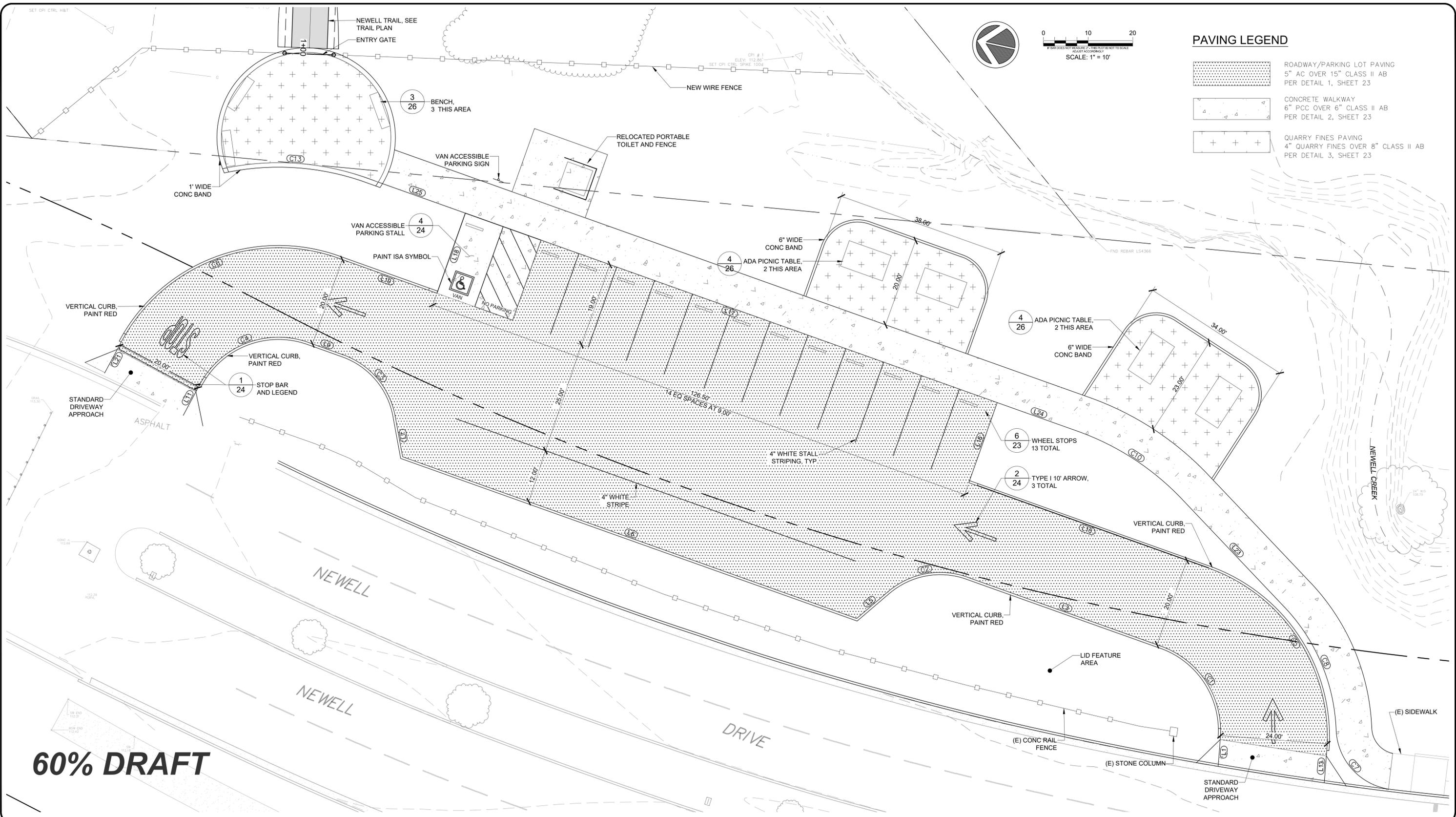
ROADWAY/PARKING LOT PAVING
5" AC OVER 15" CLASS II AB
PER DETAIL 1, SHEET 23



CONCRETE WALKWAY
6" PCC OVER 6" CLASS II AB
PER DETAIL 2, SHEET 23



QUARRY FINES PAVING
4" QUARRY FINES OVER 8" CLASS II AB
PER DETAIL 3, SHEET 23



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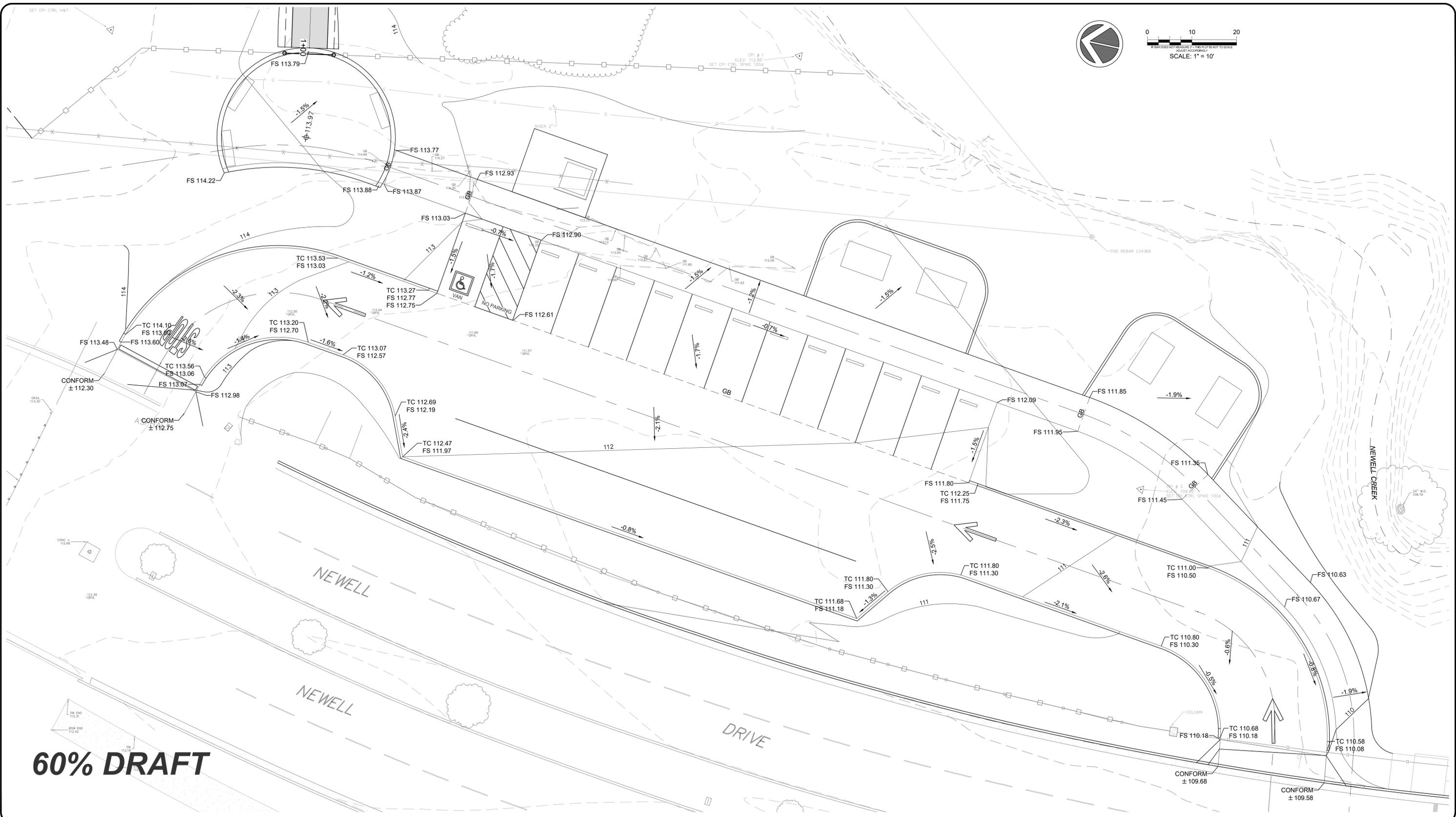
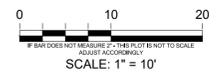
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PARKING & ENTRY - LAYOUT

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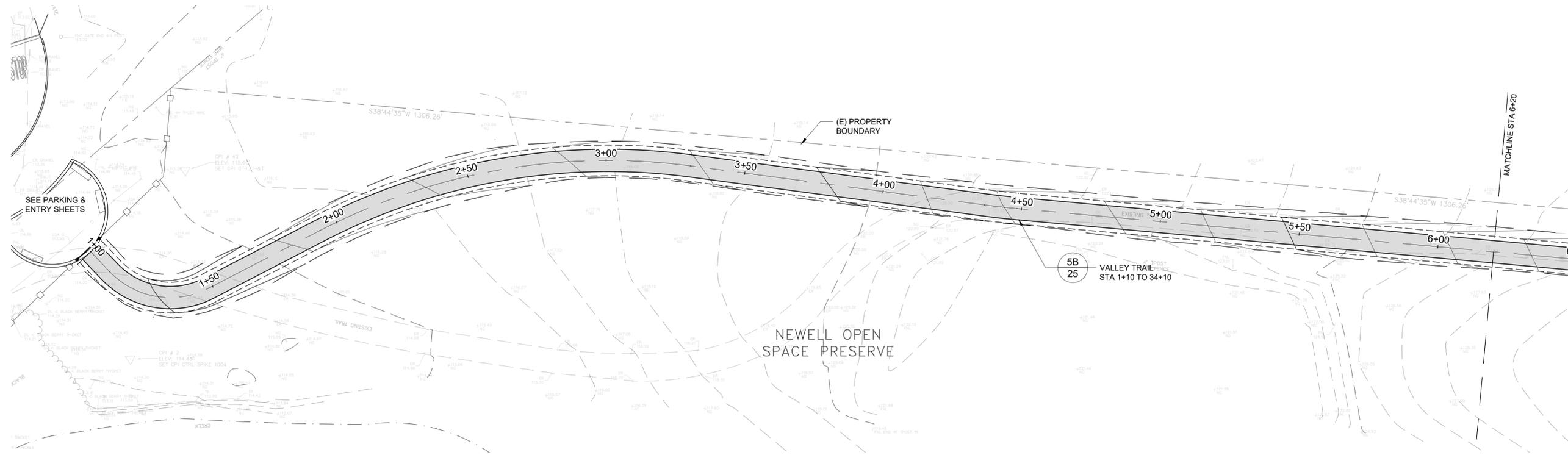
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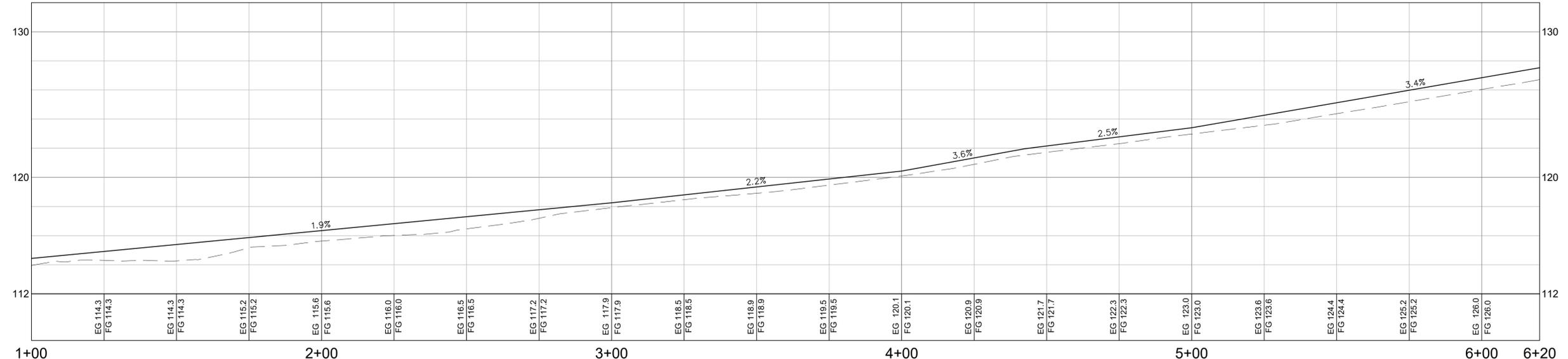
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 Sheet: 7 OF 26

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Creekside Trail Alignment PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 4'



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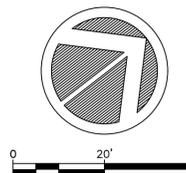
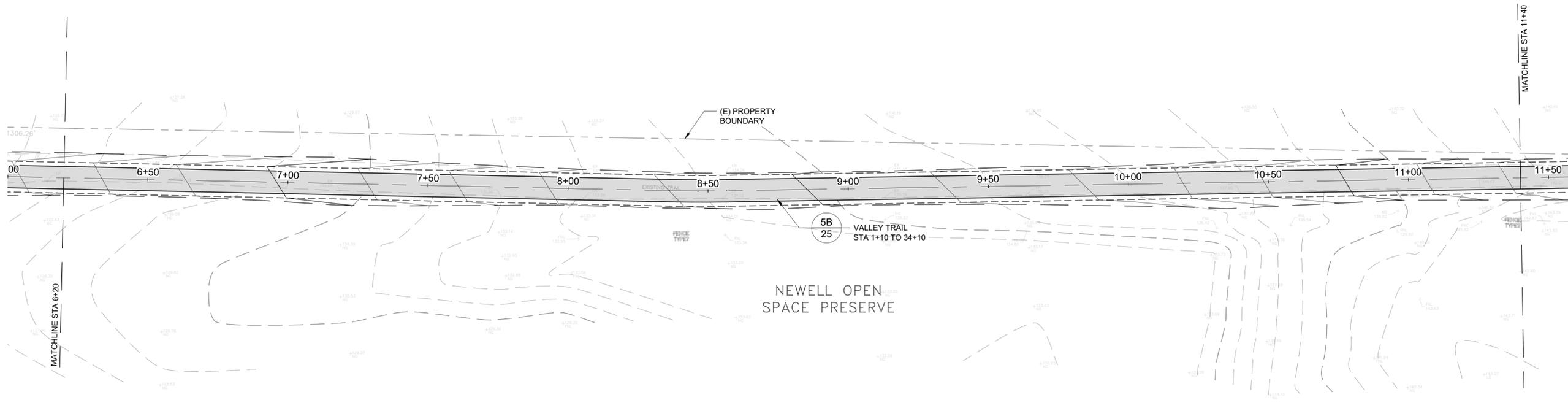
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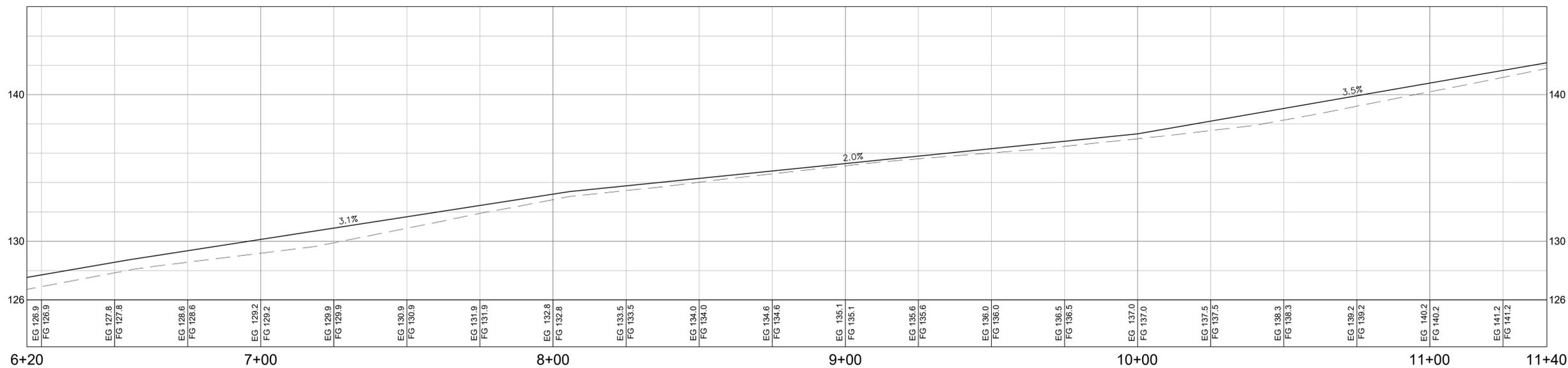
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 STA (1+00 TO 6+20)**

Size: D Project: 1600080
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 Date: 1-18-2023
 Sheet: 8 OF 26

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Creekside Trail Alignment PROFILE
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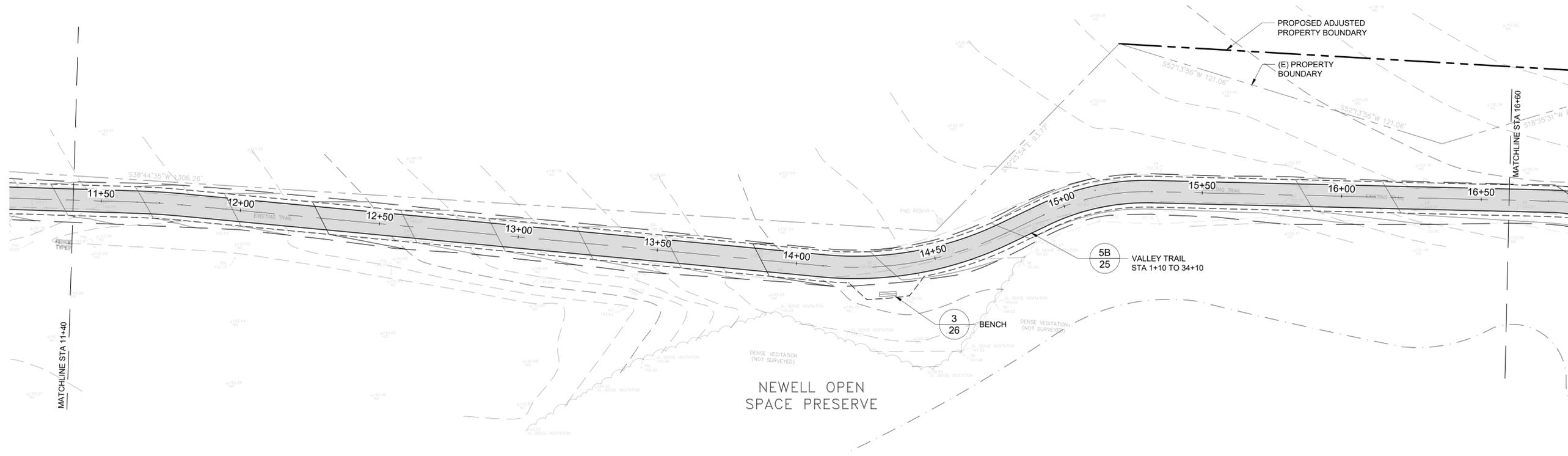
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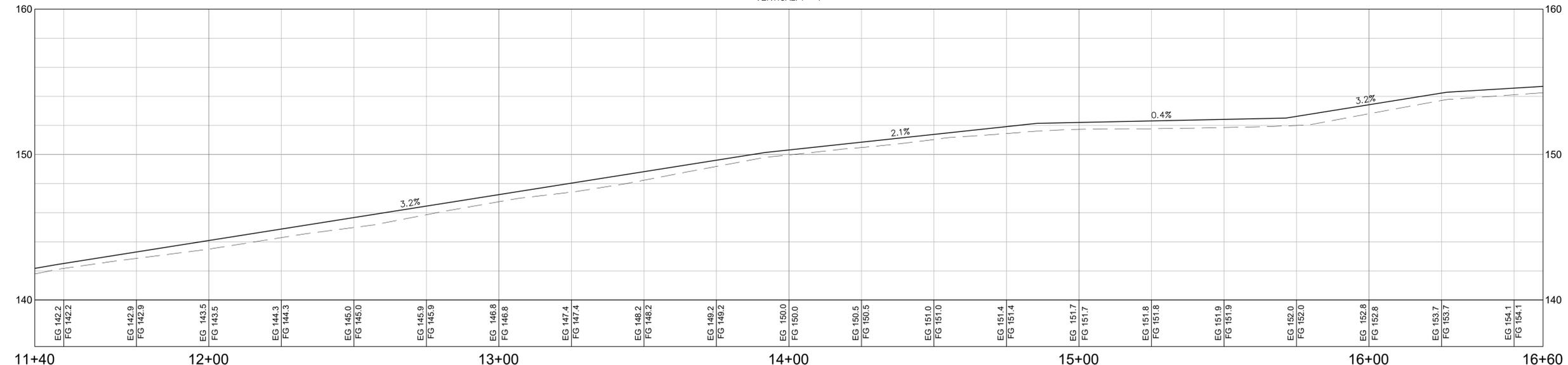
**TRAIL PLAN & PROFILE (2)
 STA (6+20 TO 11+40)**

Size: D Project: 1600080
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 Date: 1-18-2023
 Sheet: 9 OF 26

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Creekside Trail Alignment PROFILE
 HORIZONTAL: 1" = 20'
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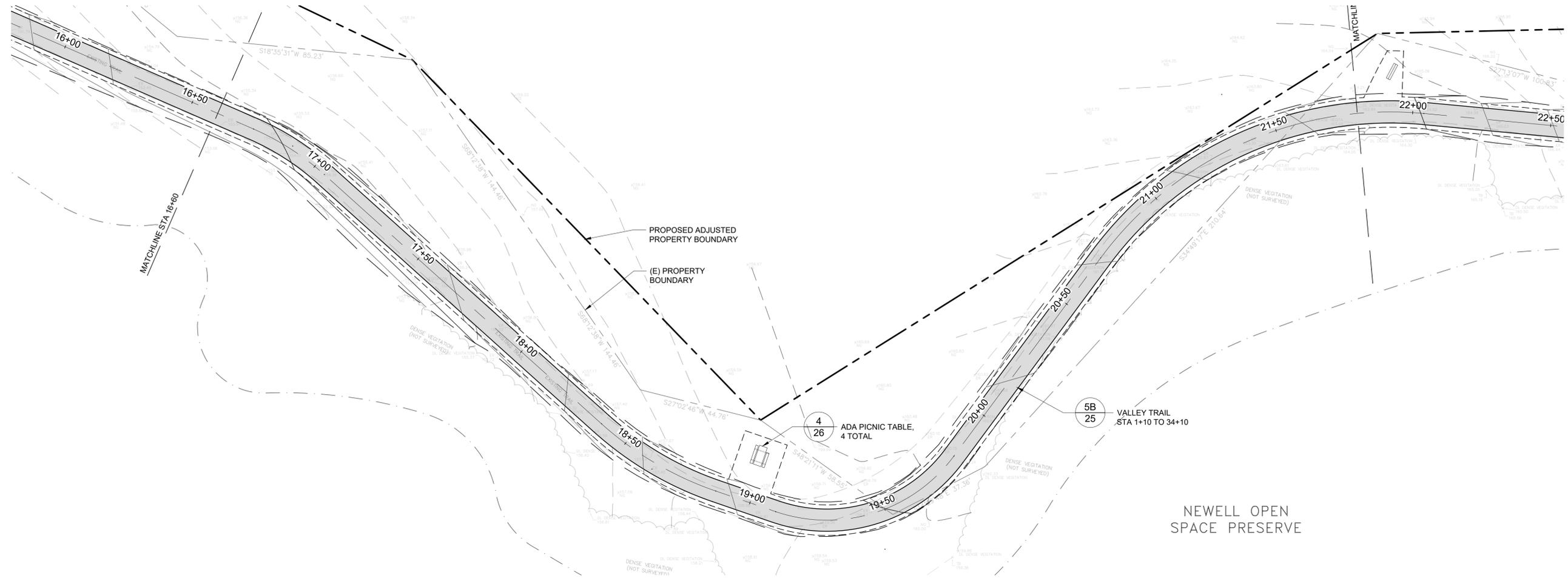
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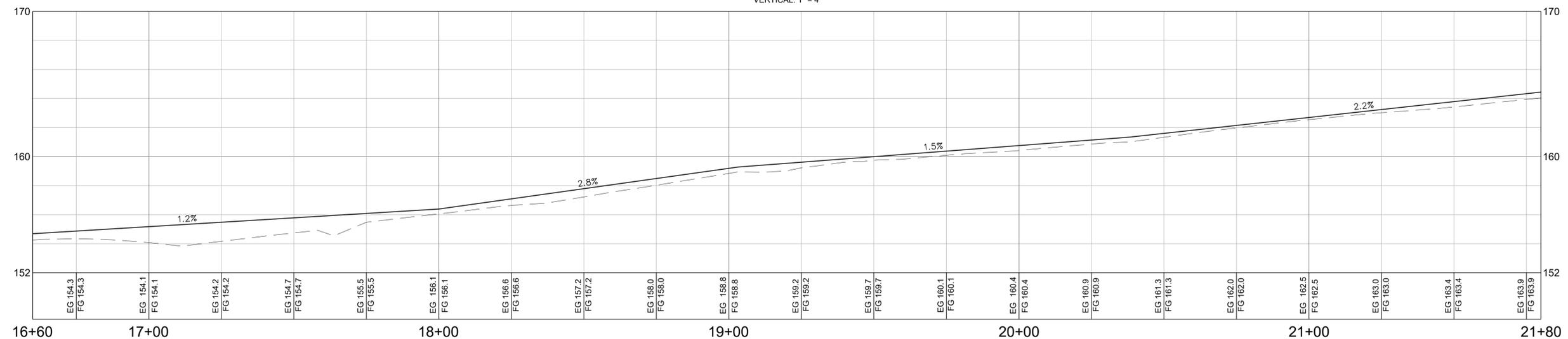
**TRAIL PLAN & PROFILE (3)
 STA (11+40 TO 16+60)**

Size: D Project: 1600080
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 Sheet: 10 OF 26

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Creekside Trail Alignment PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 4'



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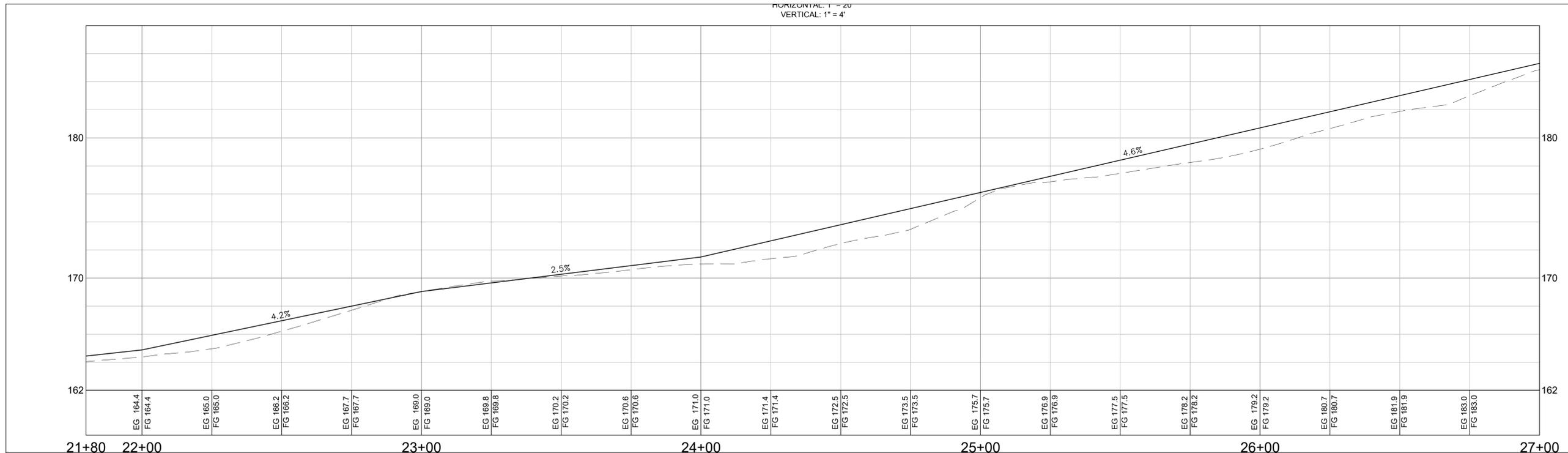
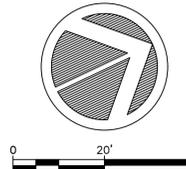
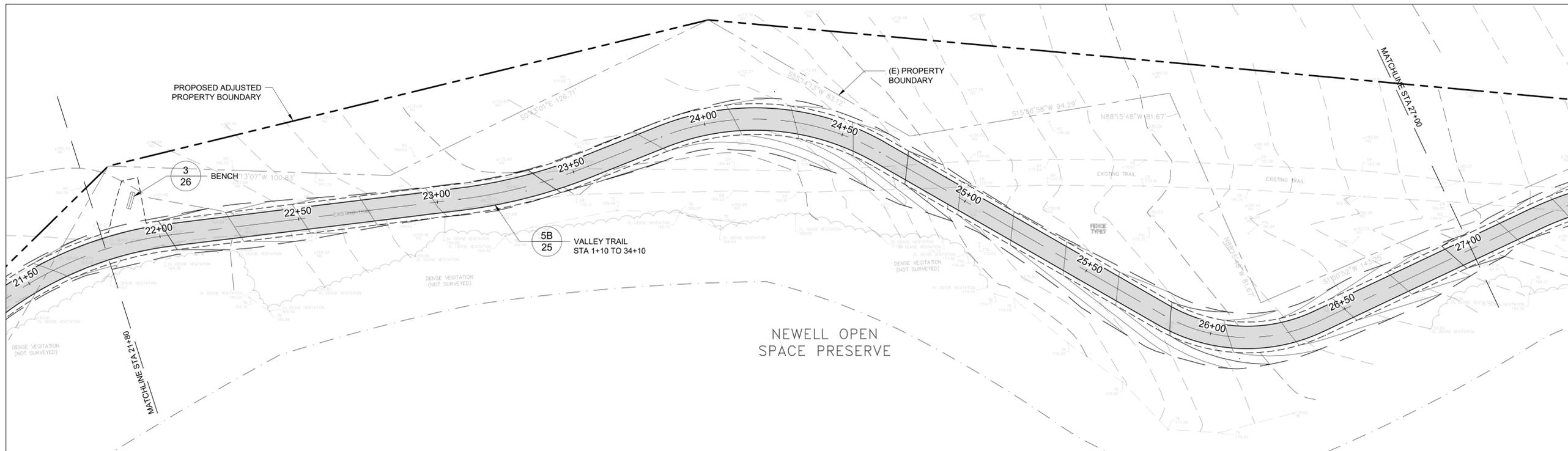
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**TRAIL PLAN & PROFILE (4)
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 Sheet: 11 OF 26

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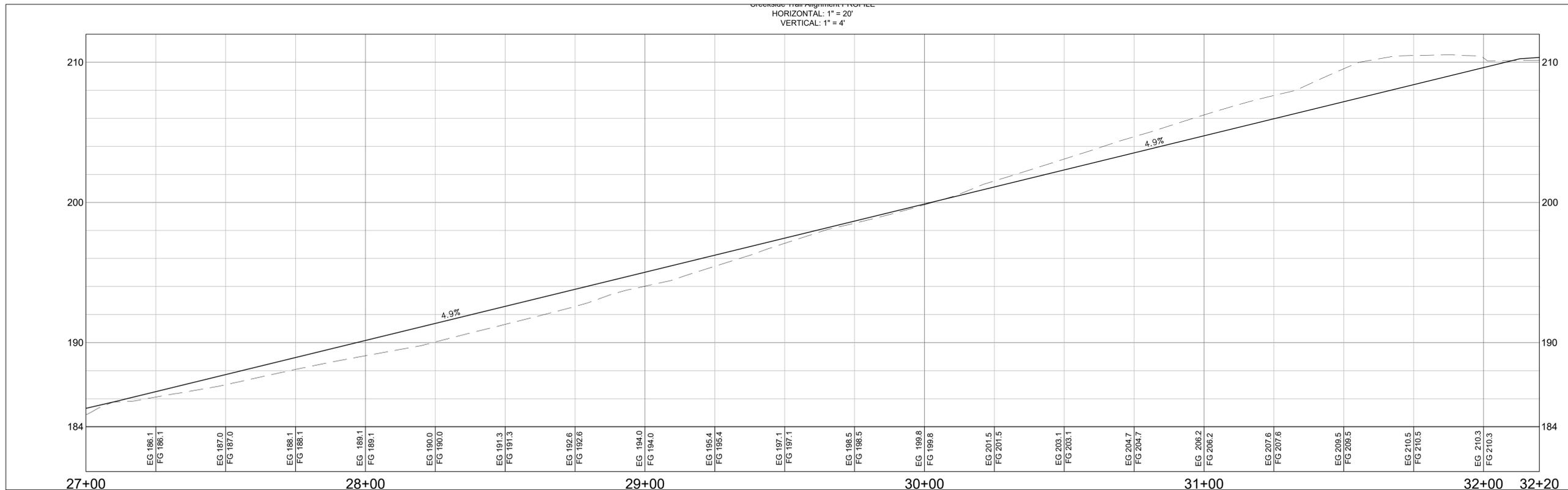
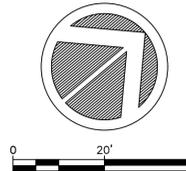
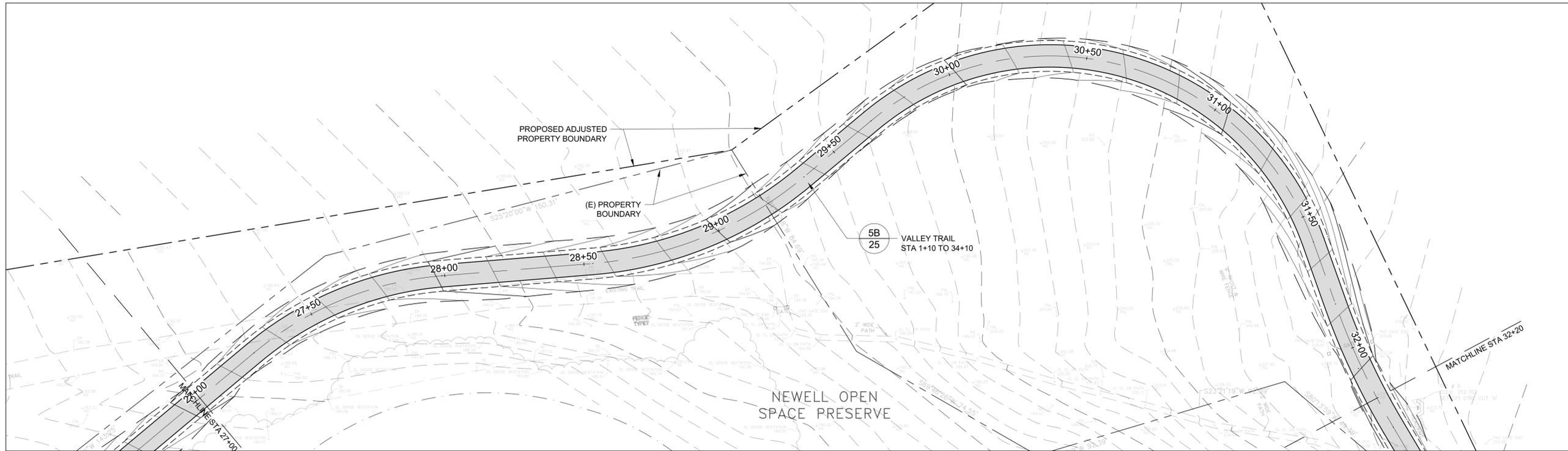
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Drawn:	OR
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Appr'd:	XXX

**TRAIL PLAN & PROFILE (5)
STA (21+80 TO 27+00)**

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Scale:	AS SHOWN	Date:	1-18-2023
Sheet:	12 OF 26		

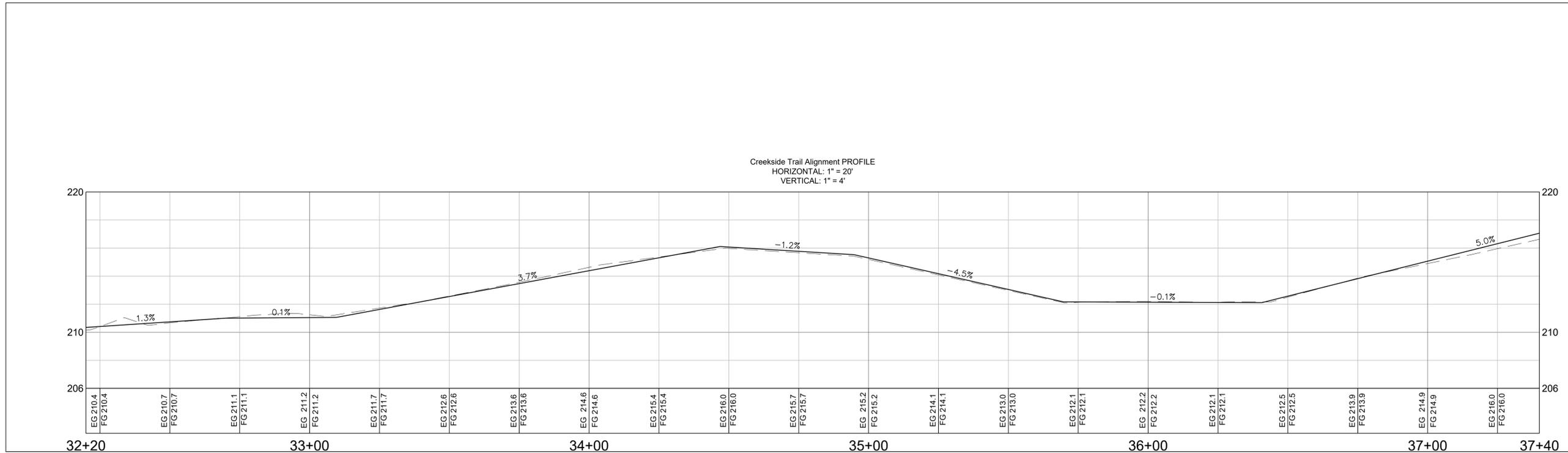
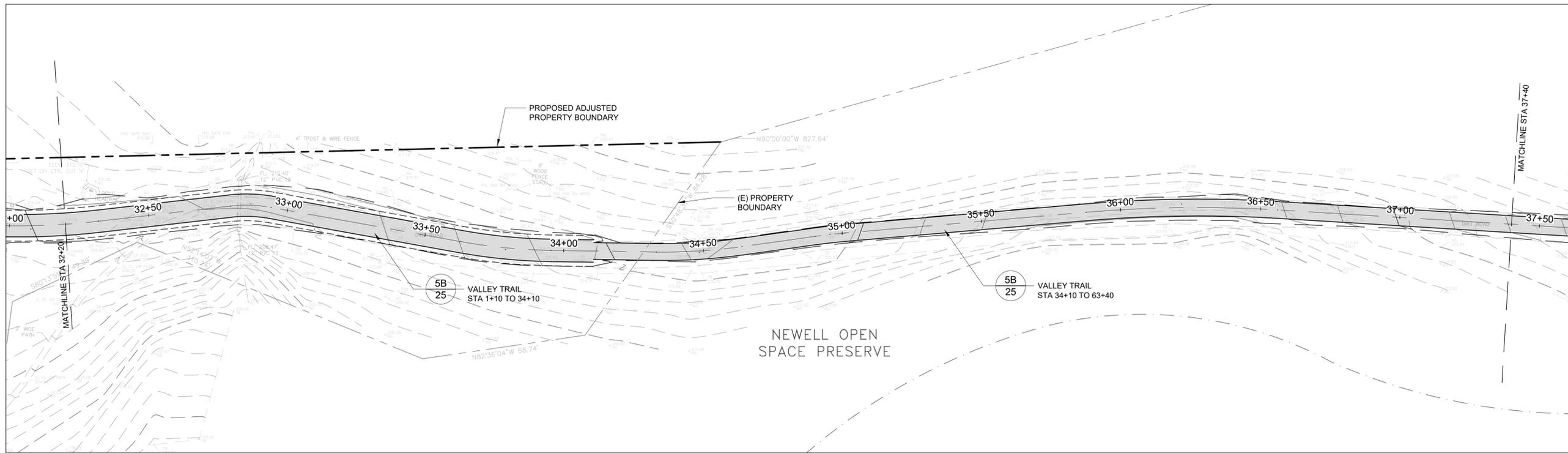
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<p>NEWELL OPEN SPACE NATURE TRAIL AND PICNIC AREA City of American Canyon, CA Department of Parks and Recreation</p>	  <p><i>Civil Environmental & Water Resources</i></p> <p>(510) 236-6114 FAX (510) 236-2423 questa@questaec.com P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sht:</th> <th>Rev:</th> <th>Date:</th> <th>By:</th> <th>Description:</th> <th>App'd:</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sht:	Rev:	Date:	By:	Description:	App'd:							<p>TRAIL PLAN & PROFILE (6) STA (27+00 TO 32+20)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Design:</td> <td>MH/OR/CN</td> </tr> <tr> <td>Drawn:</td> <td>OR</td> </tr> <tr> <td>Checked:</td> <td>JP</td> </tr> <tr> <td>Appr'd:</td> <td>XXX</td> </tr> </table>	Design:	MH/OR/CN	Drawn:	OR	Checked:	JP	Appr'd:	XXX	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Size:</td> <td>Project</td> </tr> <tr> <td>D</td> <td>1600080</td> </tr> <tr> <td>Scale:</td> <td>AS SHOWN</td> </tr> <tr> <td>Date:</td> <td>1-18-2023</td> </tr> <tr> <td>Sheet:</td> <td>13 OF 26</td> </tr> </table>	Size:	Project	D	1600080	Scale:	AS SHOWN	Date:	1-18-2023	Sheet:	13 OF 26
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Sheet:	13 OF 26																																		

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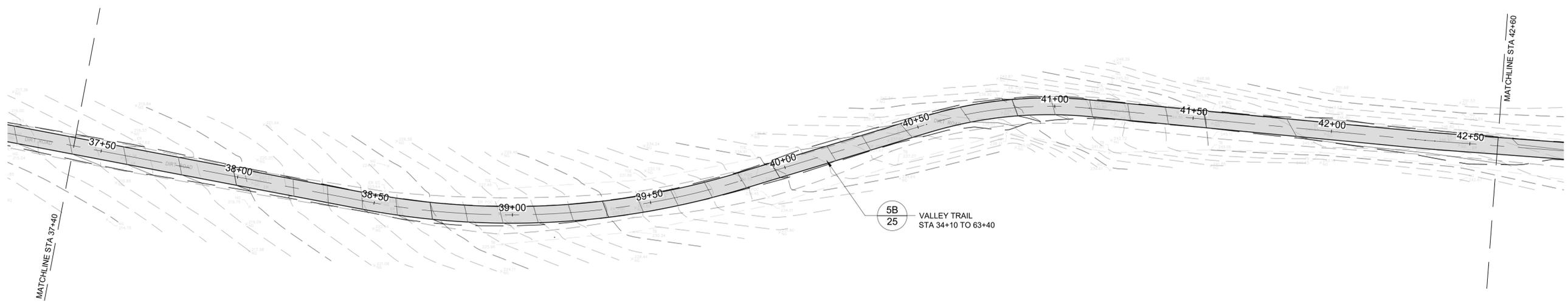
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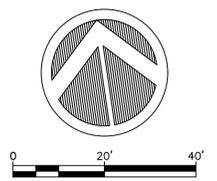
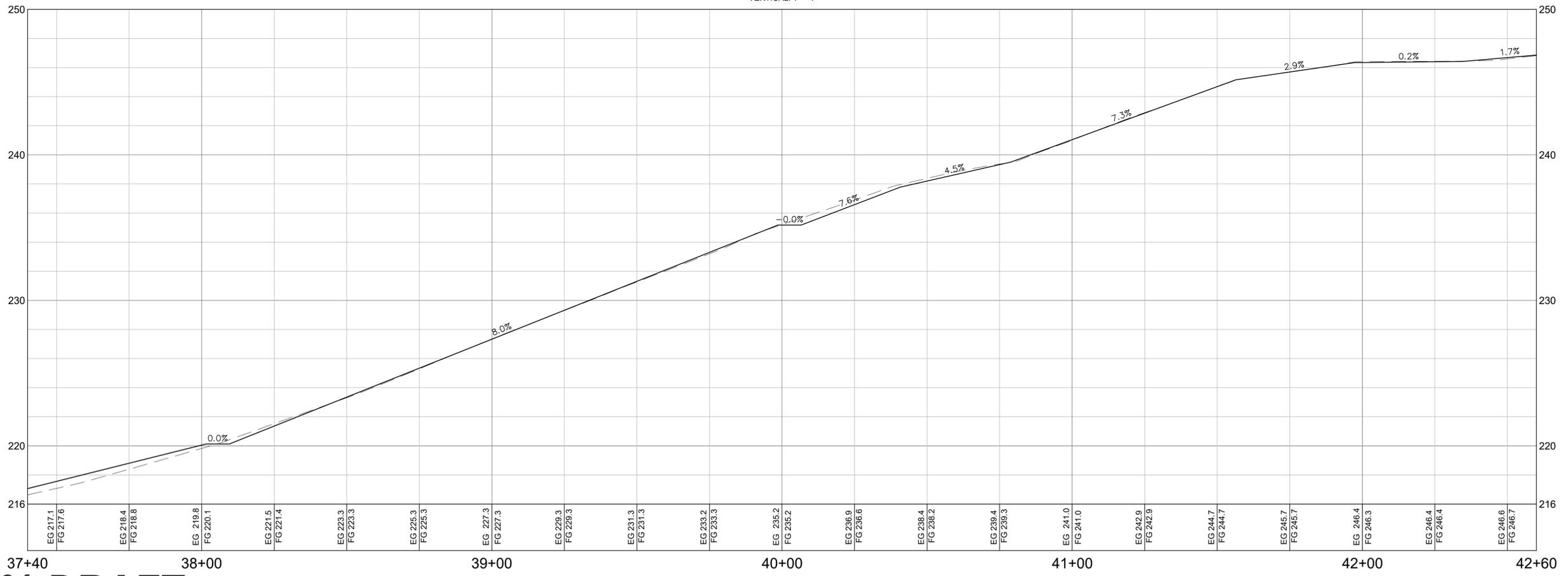
**TRAIL PLAN & PROFILE (7)
STA (32+20 TO 37+40)**

Size: D Project: 1600080
Scale: AS SHOWN
Date: 1-18-2023
Sheet: 14 OF 26

P:\2016\160080-NEWELL-TRAIL\2016\CAD\SHEETS\VF6 - CREEKSIDE TRAIL ALIGNMENT - (1) - (1).DWG LAST SAVED: 1/19/2023 PLOT DATE: 1/19/2023 PLOT STYLE: ----- IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY



Valley Trail Alignment PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 4'



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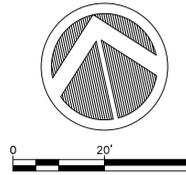
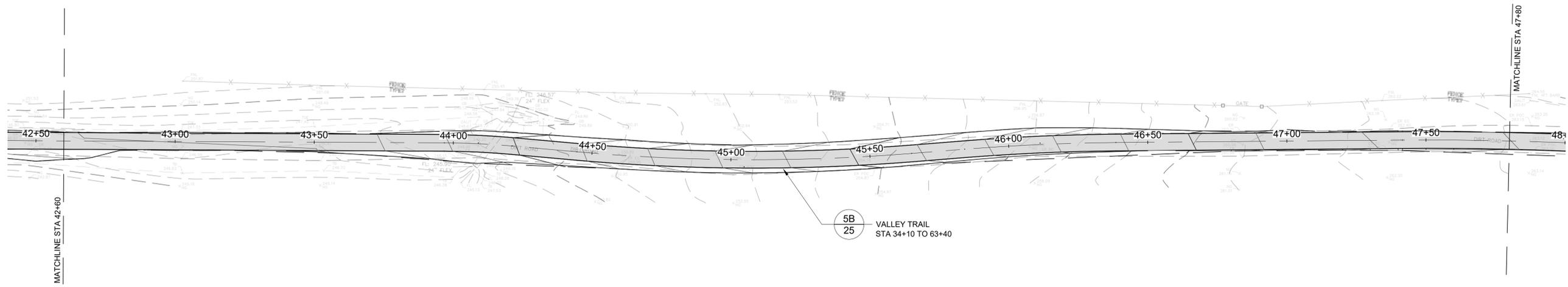
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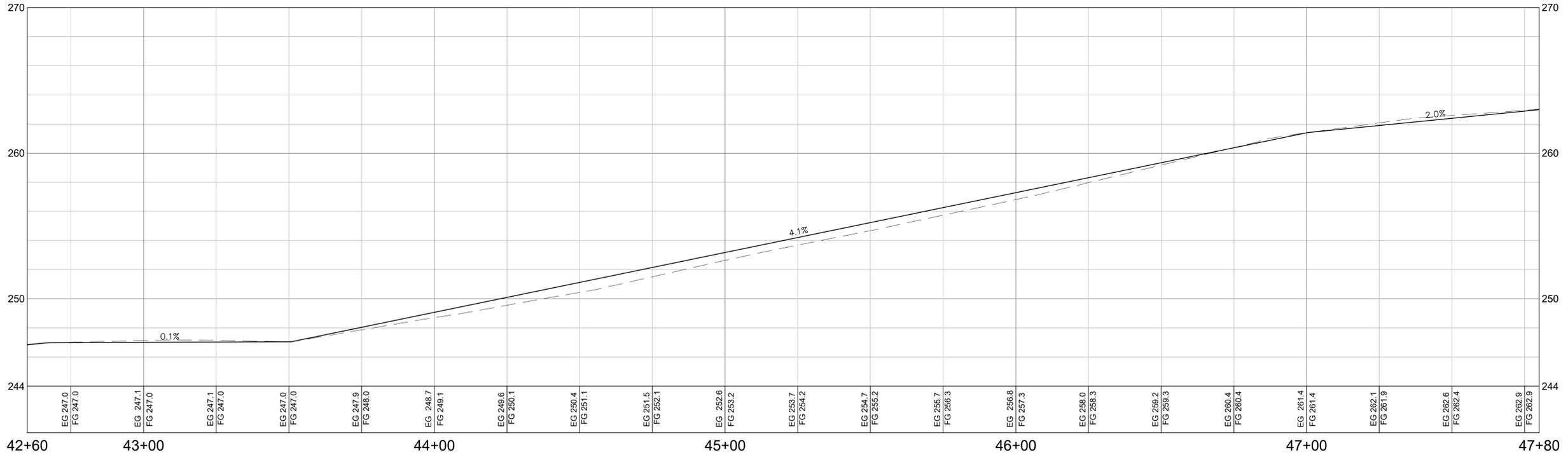
**TRAIL PLAN & PROFILE (8)
 STA (37+40 TO 42+60)**

Size: D Project: 1600080
 Scale: AS SHOWN
 Date: 1-18-2023
 Sheet: 15 OF 26

P:\2016\1600080_NEWELL-TRAIL-2016\CAD\SHEETS\VF6 - CREEKSIDE TRAIL ALIGNMENT - (1) - (2).DWG
 LAST SAVED: 1/19/2023 11:58:58 AM
 PLOT DATE: 1/19/2023 11:58:58 AM
 PLOT STYLE: sct.dwt
 PLOT SCALE: 1" = 20'
 PLOT SHEET: 15 OF 26



Valley Trail Alignment PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 4'



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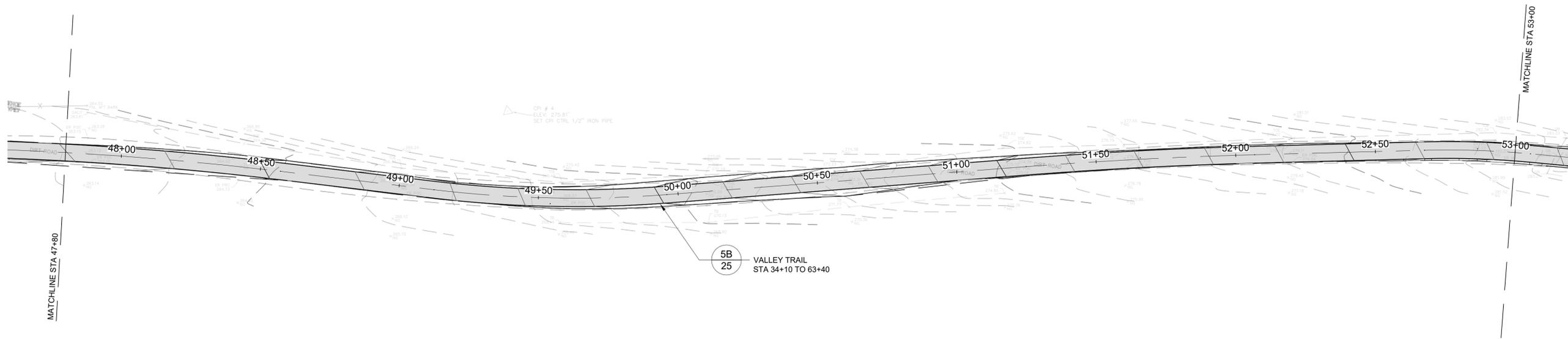
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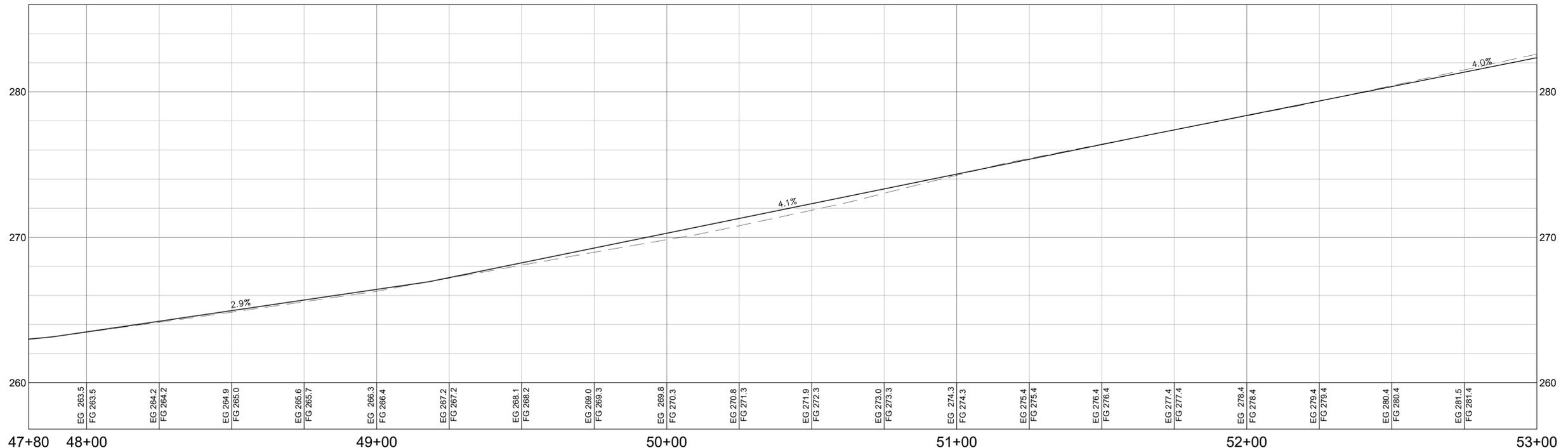
**TRAIL PLAN & PROFILE (9)
 STA (42+60 TO 47+80)**

Size: D Project: 1600080
 Scale: AS SHOWN
 Date: 1-18-2023
 Sheet: 16 OF 26

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Valley Trail Alignment PROFILE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 4'



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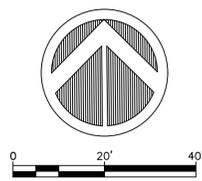
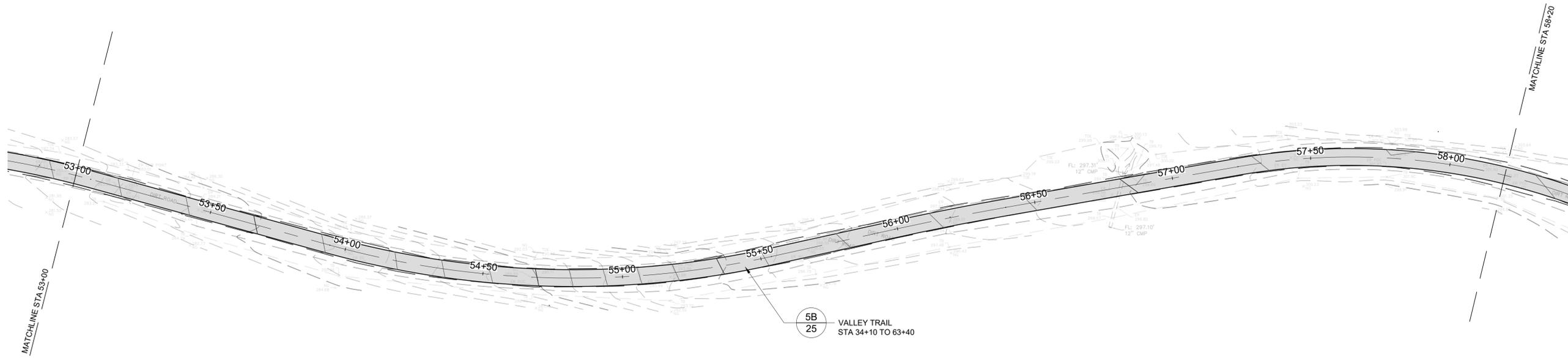
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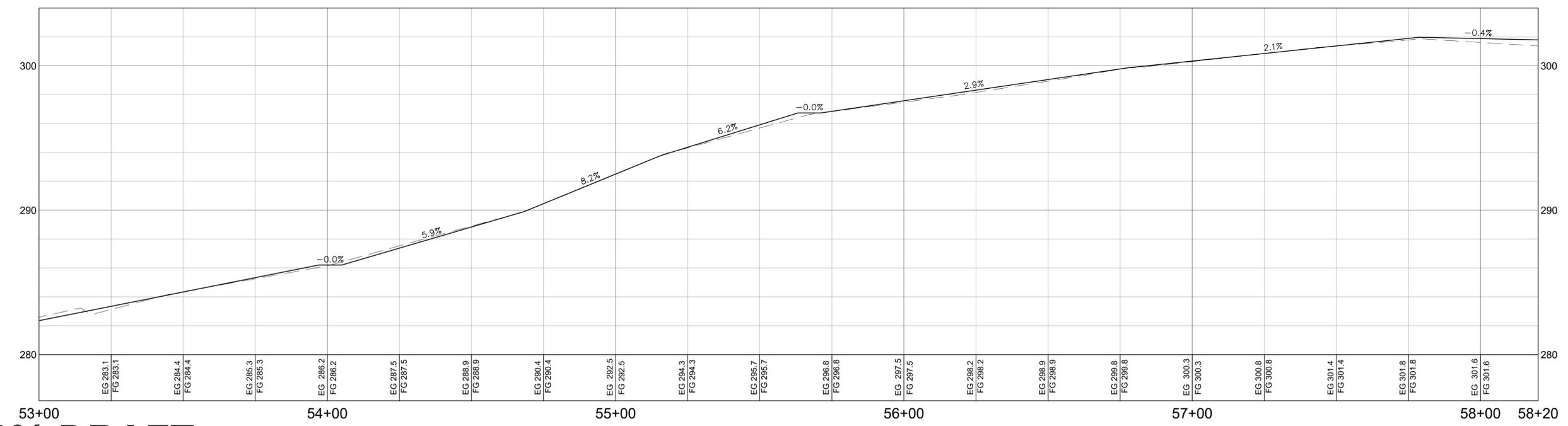
**TRAIL PLAN & PROFILE (10)
 STA (47+80 TO 53+00)**

Size: D Project: 1600080
 Scale: AS SHOWN
 Date: 1-18-2023
 Sheet: 17 OF 26

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 PLOT STYLE: sct.dwt
 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY



Valley Trail Alignment PROFILE
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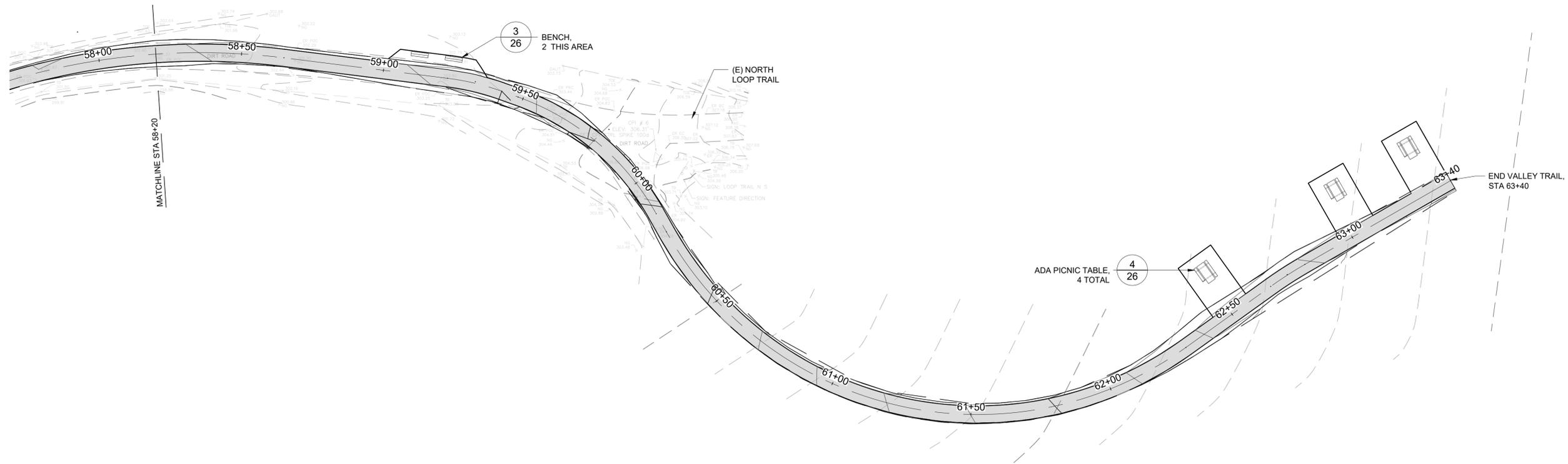
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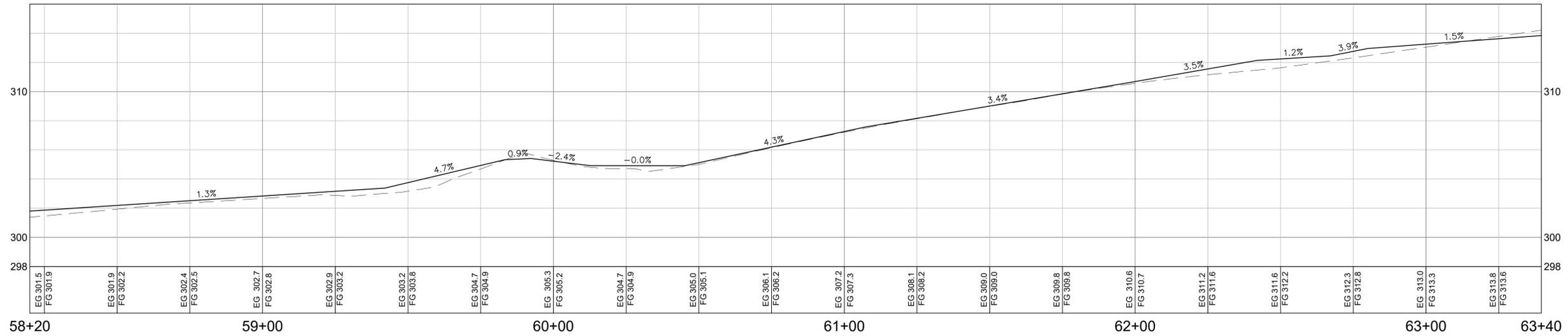
**TRAIL PLAN & PROFILE (11)
 STA (53+00 TO 58+20)**

Size: D Project: 1600080
 Scale: AS SHOWN
 Date: 1-18-2023
 Sheet: 18 OF 26

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Valley Trail Alignment PROFILE
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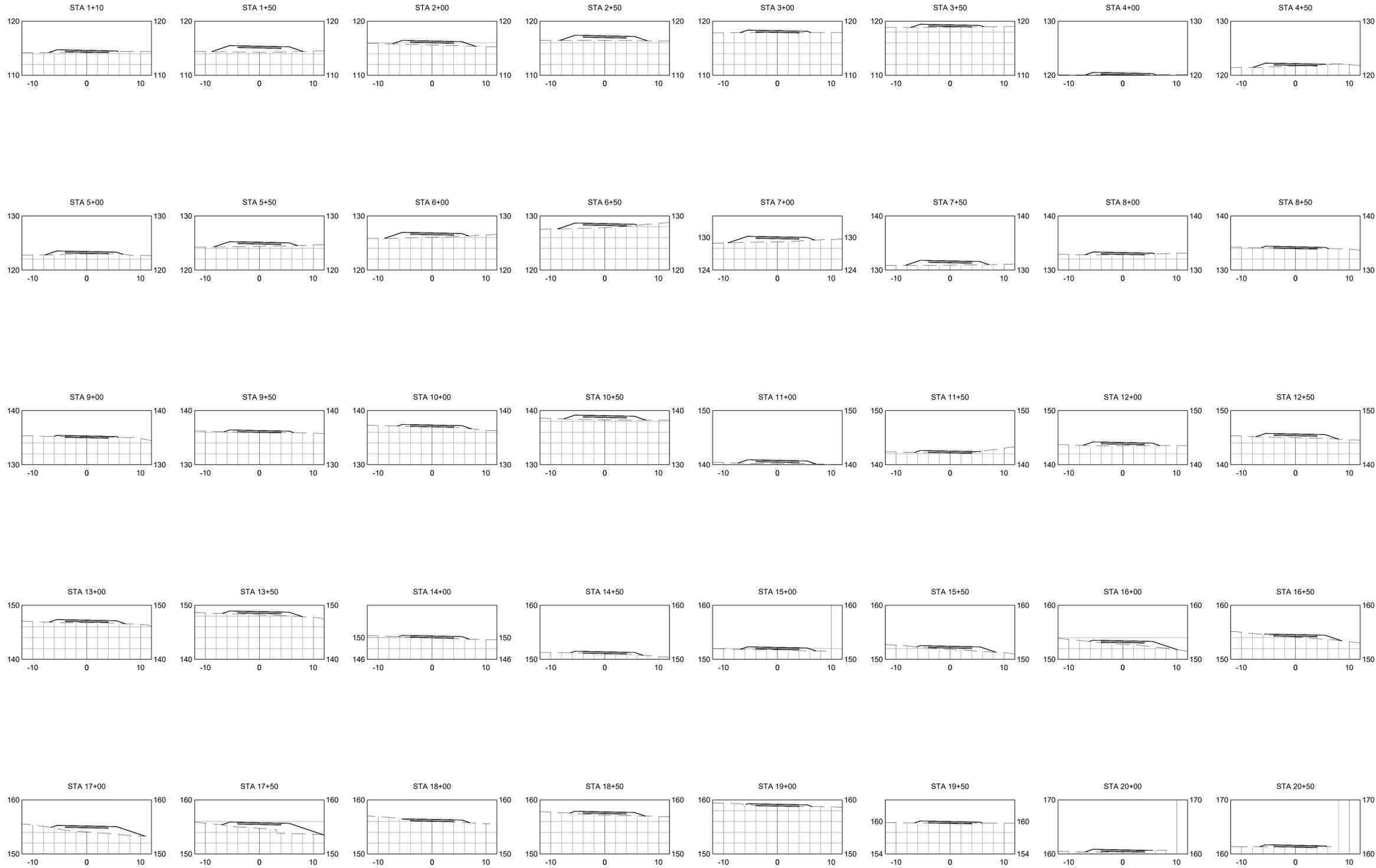
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TRAIL PLAN & PROFILE (12)
STA (58+20 TO 63+40)

Size: D
 Project: 1600080
 Scale: AS SHOWN
 Date: 1-18-2023
 Sheet: 19 OF 26

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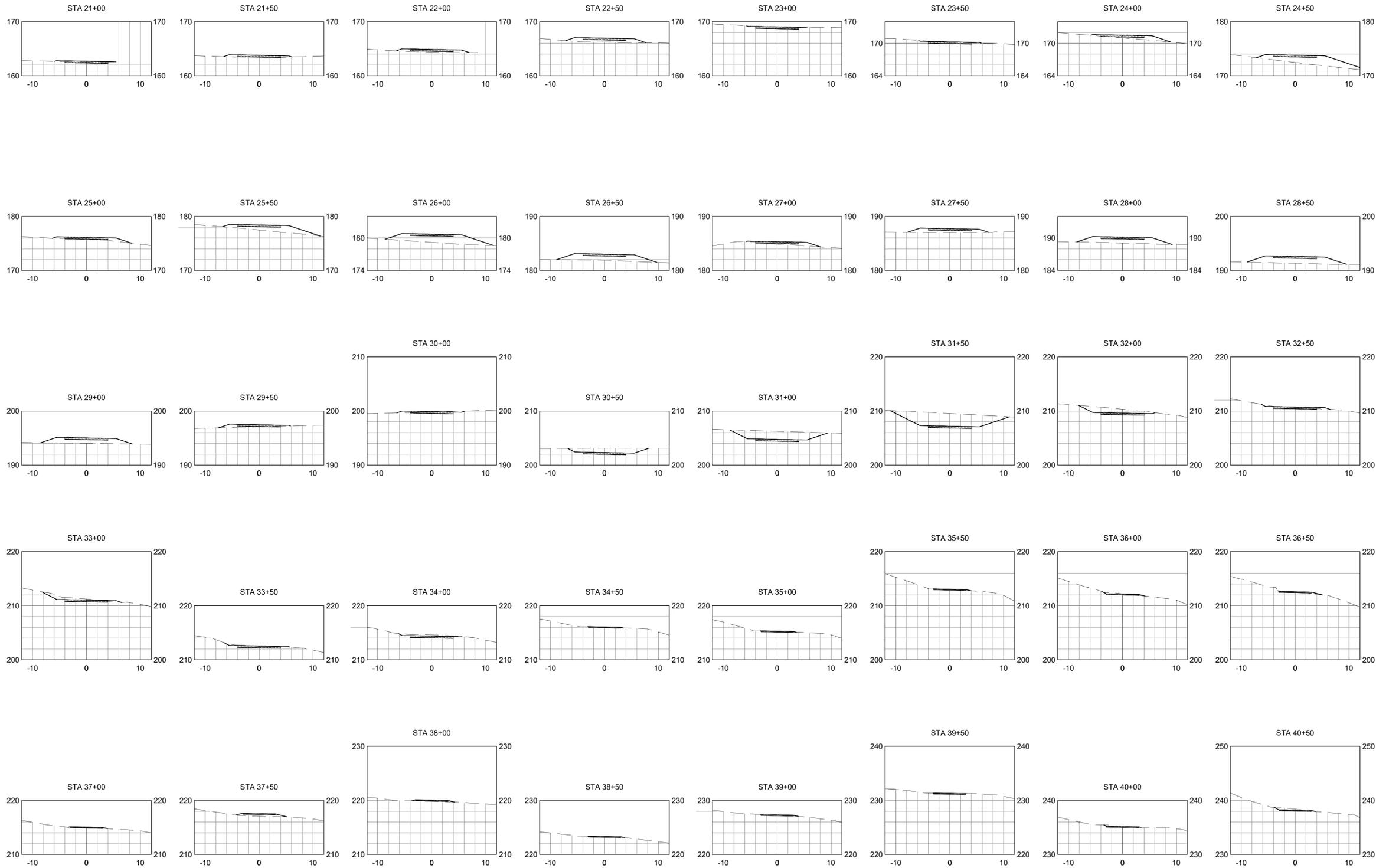
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Checked: JP
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**TRAIL SECTIONS (1)
STA (1+10 TO 20+50)**

Size: D
Project: 1600080
Scale: AS SHOWN
Date: 1-18-2023
Sheet: 20 OF 26

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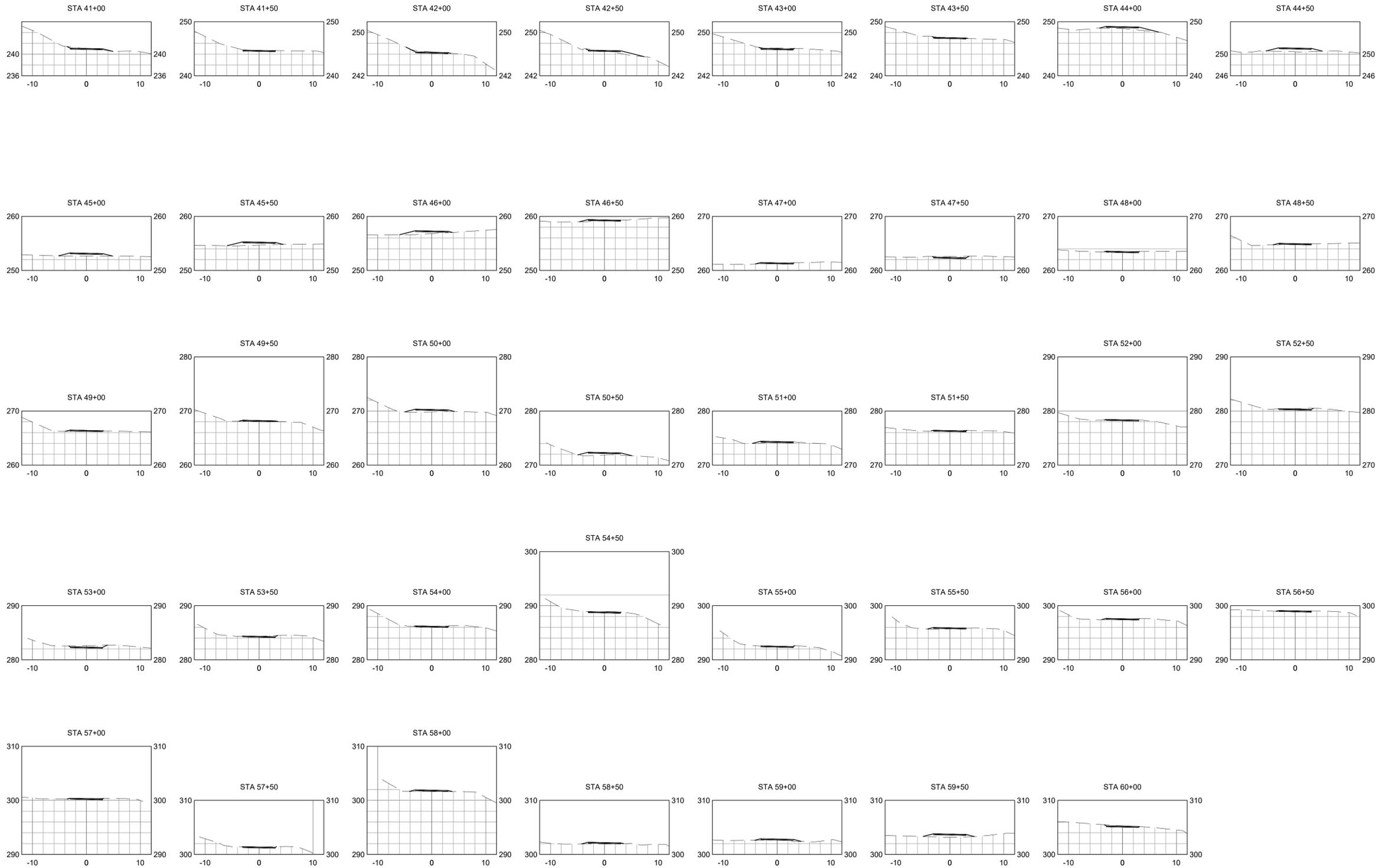
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Drawn:	OR
Checked:	JP
Appr'd:	XXX

**TRAIL SECTIONS (2)
STA (21+00 TO 40+50)**

Size	Project
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Scale:	AS SHOWN
Date:	1-18-2023
Sheet:	21 OF 26

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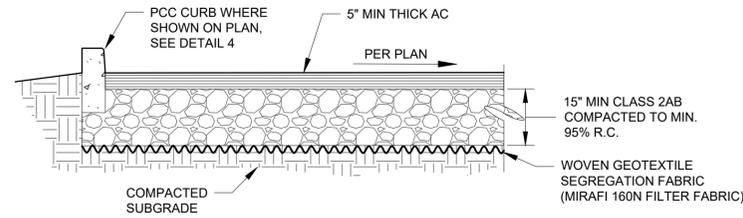
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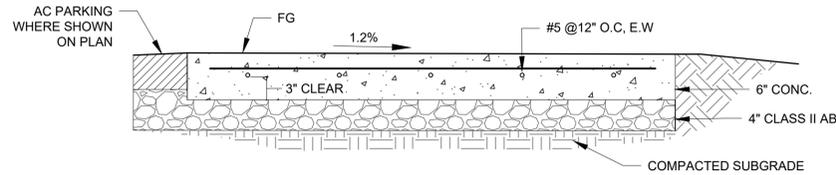
**TRAIL SECTIONS (3)
STA (41+00 TO 60+00)**

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Date:	1-18-2023
Sheet:	22 OF 26

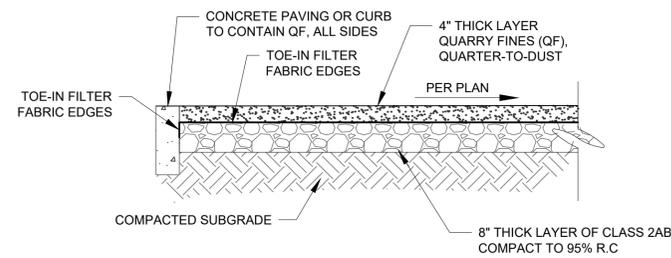
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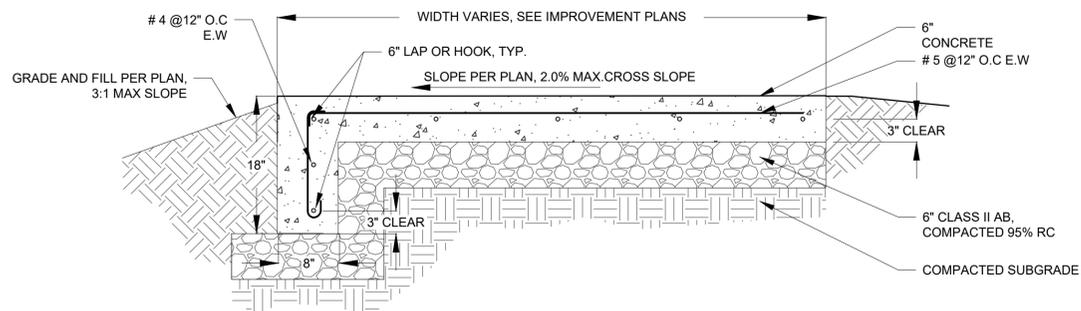
1 AC PAVING
Scale = NTS



2 CONCRETE PAVING
Scale = NTS

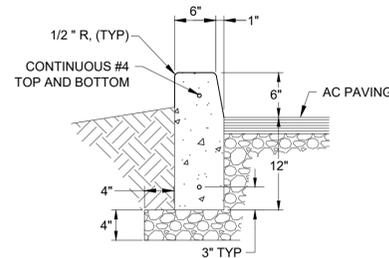


3 QUARRY FINES PAVING
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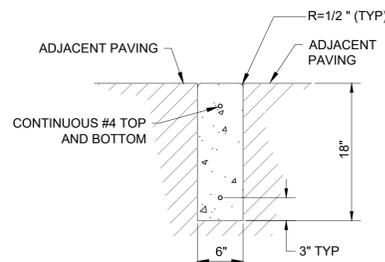


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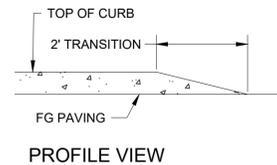
4 CONCRETE WALK W/ THICKEND EDGES
Scale = NTS



A RAISED CURB

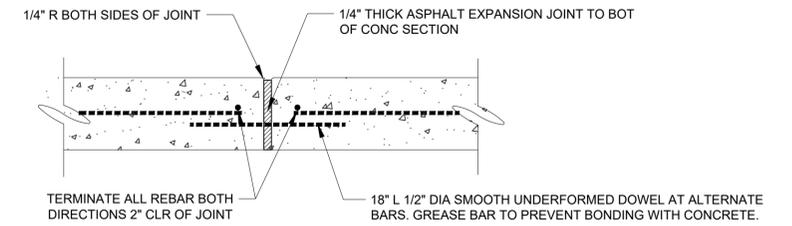


B FLUSH CURB

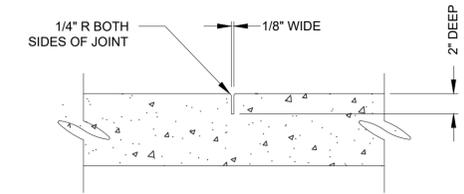


C TAPERED CURB END

5 CONCRETE CURB DETAILS
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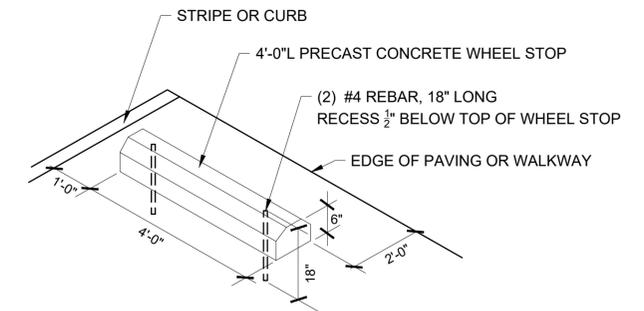
A EXPANSION JOINT (EJ)



B CRACK CONTROL JOINT

- CONCRETE JOINT NOTES:**
- SEE PLANS FOR JOINT LOCATIONS.
 - EXPANSION JOINTS SHALL EXTEND THROUGH THE FULL DEPTH OF THE ENTIRE WALKWAY OR CURB.

6 CONCRETE JOINTS - TYPICAL SECTIONS
Scale = NTS



- NOTES:**
- CONCRETE WHEEL STOPS AND REBAR SHALL BE SUPPLIED BY THE CONTRACTOR.
 - WHEELS STOPS SHALL BE PRECAST CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
 - WHEELS STOP SHALL BE REINFORCED WITH A MINIMUM OF TWO #4 BARS OR FOUR #3 BARS.
 - ANCHOR WITH TWO 18" LONG #4 BARS, MIN., 9" FROM END FACES.
 - WHEELS STOPS IN ADA PARKING AREAS SHALL BE PAINTED BLUE.

7 WHEEL STOP
Scale = NTS

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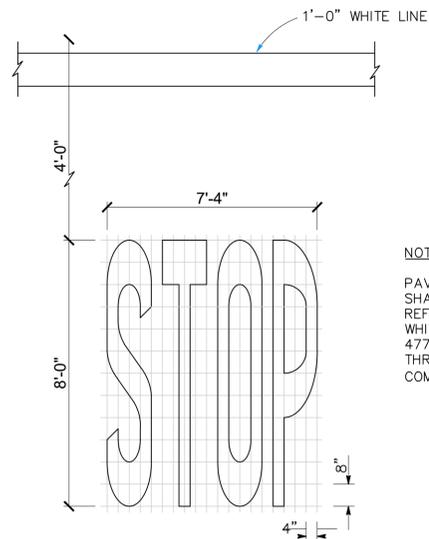
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Design: MH/OR/CN
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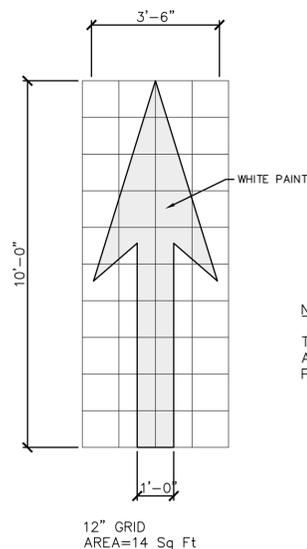
SITE IMPROVEMENT DETAILS (1)

Size D Project 1600080
Scale: AS SHOWN
Date: 1-18-2023
Sheet: 23 OF 26



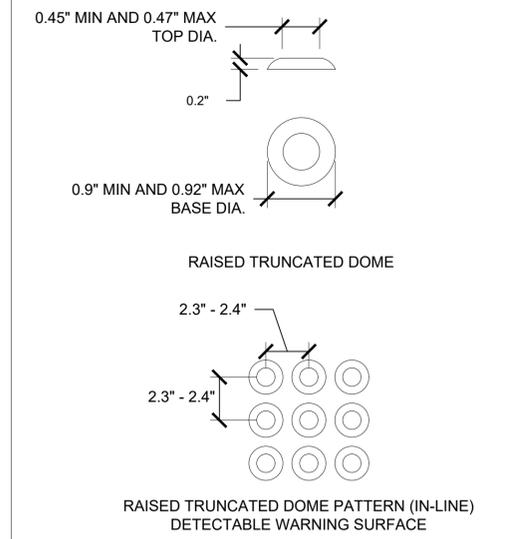
NOTE:
PAVEMENT MARKING PAINT SHALL BE WATER BASED, REFLECTORIZED, RAPID DRY WHITE TRAFFIC PAINT, PERVO 4773AR OR EQUAL, AVAILABLE THROUGH PERVO PAINT COMPANY, (800) 892-3647.

1 STOP BAR AND LEGEND
Scale = NTS

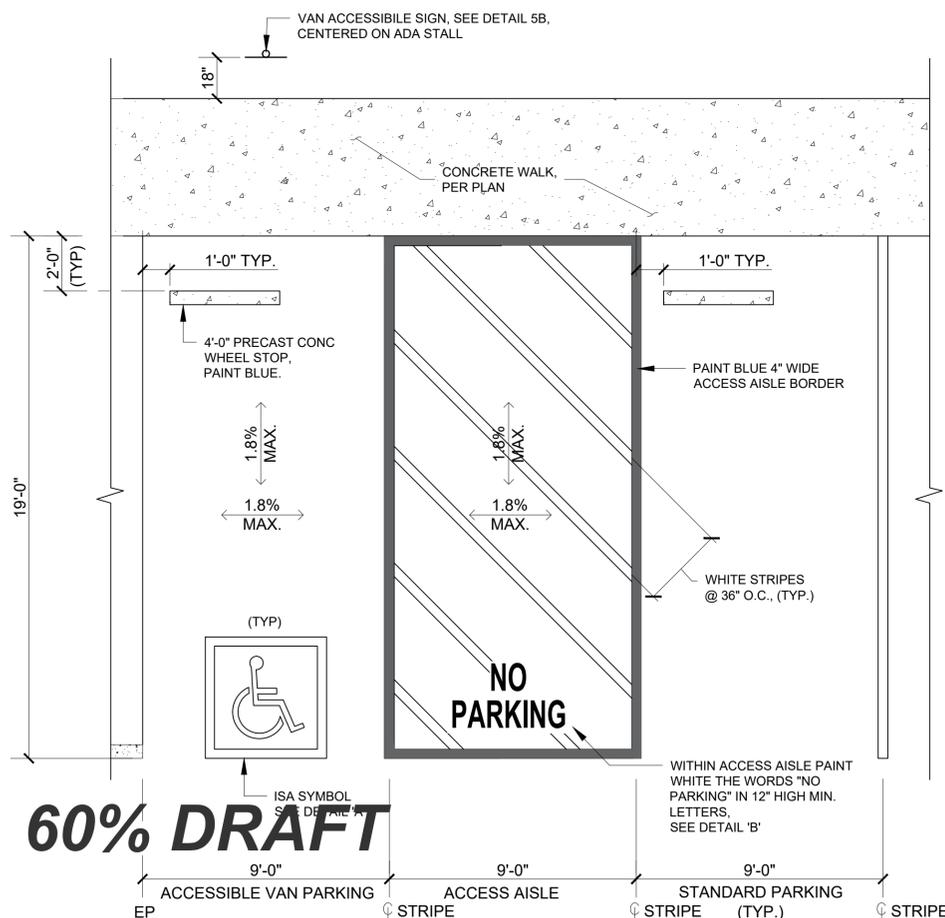


NOTE:
TYPE 1 CALTRANS ARROW SHOWN ON STD PLAN A24A

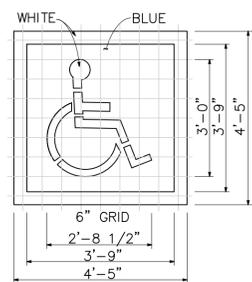
2 TYPE I 10'-0" ARROW
Scale = NTS



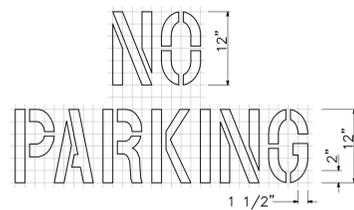
3 TRUNCATED DOMES
Scale = NTS



4 VAN ACCESSIBLE PARKING STALL
Scale = NTS



A INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING



B NO PARKING LETTERS

NOTES:
1. PARKING TO COMPLY WITH CBC 2013 SECTION 11B-502
2. PARKING SPACES AND ACCESS AISLES SHALL BE AT THE SAME LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1.8% IN ANY DIRECTION.
3. SEE SIGN PLAN FOR LOCATION OF ACCESSIBILITY SIGNS AND SIGN POSTS.



A ADA TOW-AWAY SIGN



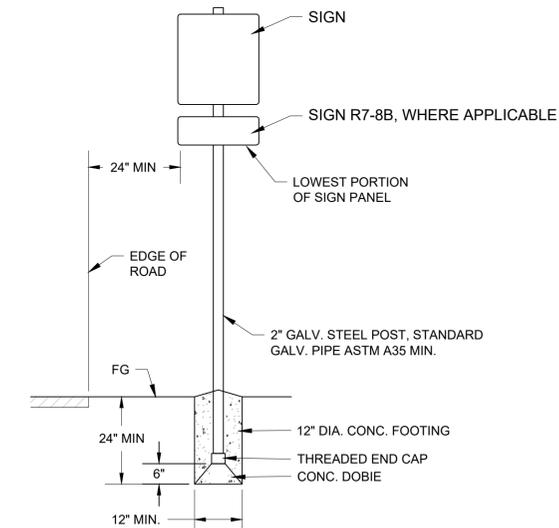
B VAN ACCESSIBLE SIGNS



5 ACCESSIBILITY PARKING SIGNS
Scale = NTS

SIGN R100B (CA)
INSERT PHONE NO. (707) XXX-XXXX
LEAVE ADDRESS BLANK

SIGN R99C (CA)
"VAN ACCESSIBLE" SIGN R7-8B SHALL BE MOUNTED BELOW THE R99C (CA) SIGN, AT VAN ACCESSIBLE PARKING STALL ONLY.
THE BOTTOM OF THE SIGN SHALL BE A MINIMUM OF 72" ABOVE THE SURROUNDING SURFACE. EXCEPT SIGNS LOCATED WITHIN AN ACCESSIBLE ROUTE SHALL BE A MINIMUM OF 80" INSTEAD.



C SIGN INSTALLATION

NOTES:
1. CENTER SIGNS ON PARKING STALLS, EXCEPT FOR SIGN R100B
2. INSTALL SIGN R100B WITH 24" MIN CLEARANCE FROM EDGE OF PAVEMENT.
3. SET SIGN ELEVATION 80" MIN. ABOVE SURROUNDING SURFACE TO BOTTOM OF LOWEST SIGN.
4. VERIFY SIGN LOCATION WITH ENGINEER PRIOR TO INSTALLATION.

**NEWELL OPEN SPACE
NATURE TRAIL AND PICNIC AREA**
City of American Canyon, CA
Department of Parks and Recreation



QUESTA
ENGINEERING CORP.
Civil Environmental & Water Resources
(510) 236-6114
FAX (510) 236-2423
questa@questaec.com
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

Sht	Rev	Date	By	Description	App'd

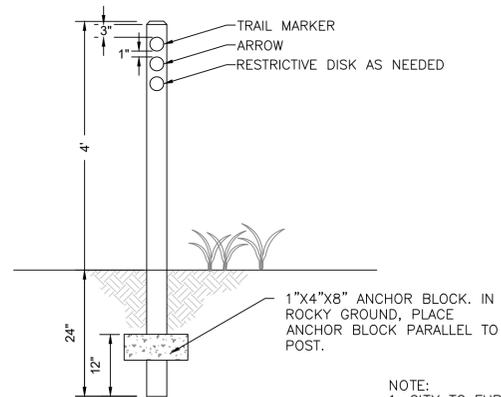
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Drawn: OR
Checked: JP
Appr'd: XXX

SITE IMPROVEMENT DETAILS (2)

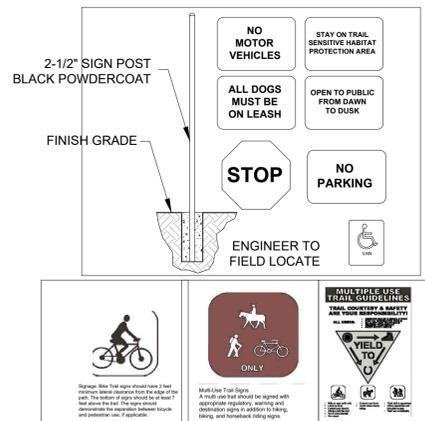
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Sheet: 24 OF 26

1 NOT USED
Scale = NTS

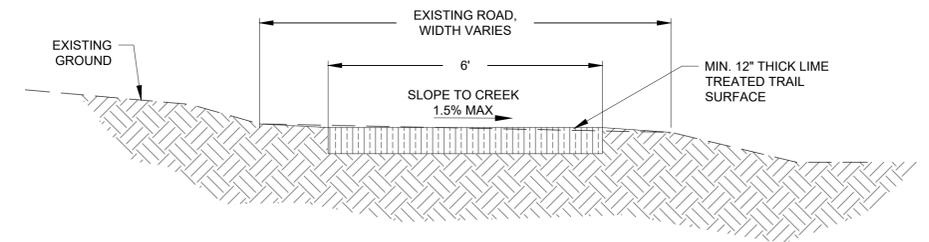
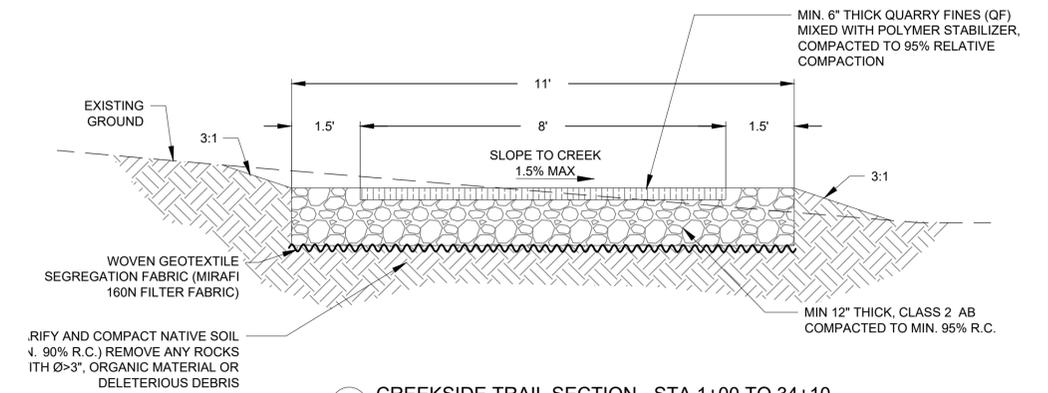
2 NOT USED
Scale = NTS



3 TRAIL POST MARKER
Scale = NTS



4 TRAIL SIGNS
Scale = NTS



5 TYPICAL TRAIL SECTIONS
Scale = NTS

60% DRAFT

NEWELL OPEN SPACE
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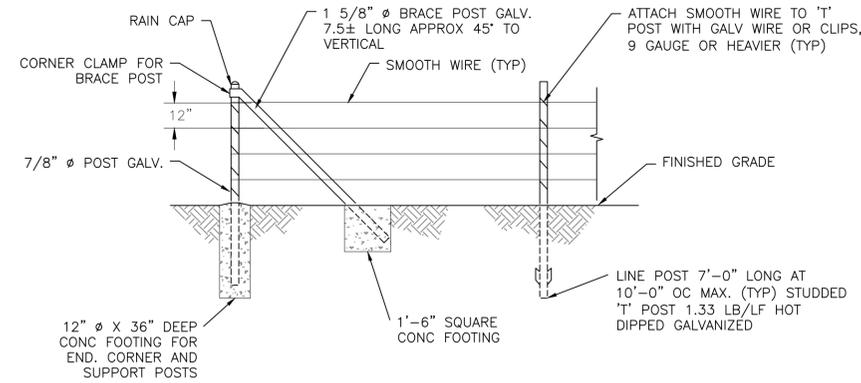
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SITE IMPROVEMENT DETAILS (3)

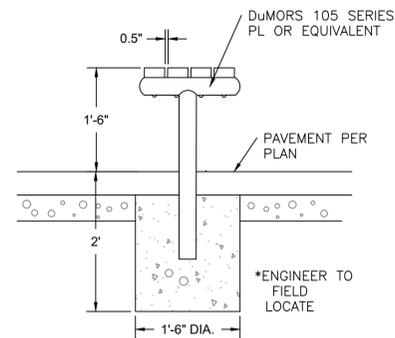
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Scale: AS SHOWN
Date: 1-18-2023
Sheet: 25 OF 26



- SMOOTH WIRE FENCE NOTES:**
1. ALL POSTS, BRACES AND FITTINGS SHALL BE HOT DIPPED GALVANIZED.
 2. CONCRETE SHALL BE COMMERCIAL CONCRETE, 5 SACK MIX.
 3. WIRE SHALL BE SMOOTH, 6 GAUGE AND GALVANIZED.
 4. BRACE POSTS ARE REQUIRED ON EACH SIDE OF SUPPORT POSTS AT CORNER.
 5. SUPPORT POSTS REQUIRED AT ENDS AND CORNERS.
 6. SUPPORT POSTS SHALL BE LOCATED 100' O.C. MAX FOR STRAIGHT RUNS, WITH BRACE POSTS ON EACH SIDE OF SUPPORT POSTS, AND ALL TURNS AND ANGLES.
 7. 'T' POSTS SHALL WEIGH 1.33 POUNDS PER LINEAR FOOT AND BE HOT DIPPED GALVANIZED. 'T' POSTS SHALL BE DRIVEN TO THE DEPTH INDICATED ON DRAWING IN ALL SOILS, HOWEVER NO BENT OR DAMAGED POSTS SHALL BE ACCEPTED.

1 NOT USED
Scale = NTS

2 4-STRAND SMOOTH WIRE T-POST FENCE
Scale = NTS

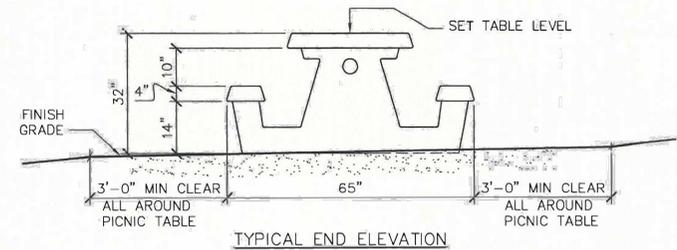
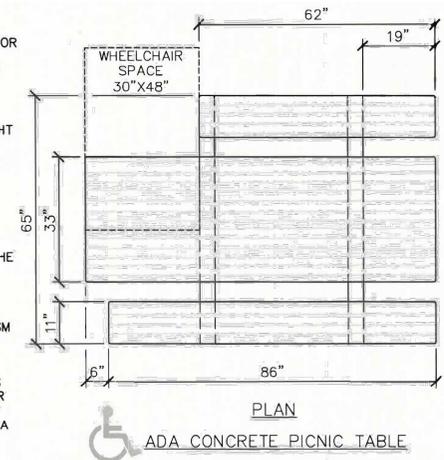


- NOTES:**
- 1) STAKE BENCH INSTALLATION LOCATION FOR ENGINEERS APPROVAL PRIOR TO BEGINNING SITE PREP OR FOOTING EXCAVATION.
 - 2) STEEL PIPE BENCH FRAME(S) SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.

3 PARK BENCH
Scale = NTS

NOTES:

1. CONCRETE PICNIC TABLE BY OUTDOOR CREATIONS, INC. OR EQUAL. P.O. BOX 50 ROUND MOUNTAIN, CA 96084. PHONE (530) 337-6774.
2. MODELS: 104FSLE FOR LEFT SIDE WHEELCHAIR OR 104FSRE FOR RIGHT SIDE WHEELCHAIR. TEXTURE: WOODGRAIN TOP AND SEAT, SMOOTH LEGS. COLOR: KAILUA. SEALER: ANTI-GRAFFITI NON-SACRIFICIAL COATINGS.
3. INSTALLATION LOCATION AND ORIENTATION PER APPROVED PLAN, OR AS MARKED IN THE FIELD AT THE DIRECTION AND APPROVAL OF THE AUTHORIZED DISTRICT REPRESENTATIVE.
4. CONCRETE PICNIC TABLES TO BE INSTALLED ONLY AT HIGH VANDALISM PARK ENVIRONMENT OR AT CORROSIVE MARINE ENVIRONMENT.
5. ALL ADA PICNIC TABLES MUST COMPLY WITH THE ADA STANDARDS AND THE STATE REQUIREMENTS FOR SITE ACCESSIBILITY. REFER TO THE LATEST EDITION OF THE "CALIFORNIA STATE PARKS ACCESSIBILITY GUIDELINES" FOR OTHER REQUIREMENTS (NUMBER OF TABLES, CLEAR SPACE, SURFACE, SLOPE, ROUTE OF TRAVEL ETC.)



4 ADA PICNIC TABLE
Scale = NTS

60% DRAFT

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SITE IMPROVEMENT DETAILS (4)

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P:\2016\1600080_NEWELL_TRAIL_2016\CAD\SHEETS\1600080_NEWELL_SHEET_DETAILS_SIT.DWG PLOT DATE: 1/19/2023 PLOT STYLE: ---- IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY