



**COUNTY OF EL DORADO, CALIFORNIA
CHIEF ADMINISTRATIVE OFFICE
PROCUREMENT AND CONTRACTS DIVISION
solicitation on behalf of the
FACILITIES DIVISION**

REQUEST FOR BIDS

INCLUDING

**NOTICE TO BIDDERS, INSTRUCTIONS TO BIDDERS,
SUPPLEMENTAL INSTRUCTIONS TO BIDDERS,
PROPOSAL, CONTRACT,
AND CONDITIONS OF THE CONTRACT**

FOR

PLACERVILLE JAIL PARKING LOT EXPANSION

BID #23-968-038

**BIDS MUST BE RECEIVED BY:
2:00 P.M. (PACIFIC TIME) on APRIL 14, 2023
THROUGH QUEST CONSTRUCTION
DATA NETWORK**

**COUNTY OF EL DORADO, STATE OF CALIFORNIA
CHIEF ADMINISTRATIVE OFFICE
FACILITIES DIVISION**

PLACERVILLE JAIL PARKING LOT EXPANSION

BID #23-968-038

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**COUNTY OF EL DORADO, CALIFORNIA
CHIEF ADMINISTRATIVE OFFICE
FACILITIES DIVISION
NOTICE TO BIDDERS**

NOTICE IS HEREBY GIVEN by the County of El Dorado, State of California, that sealed bids for work in accordance with the Project Plans (Plans) and Contract Documents designated:

**PLACERVILLE JAIL PARKING LOT EXPANSION
BID #23-968-038**

will be received by the Chief Administrative Office, Procurement & Contracts Division, online through Quest Construction Data Network (Quest) Project #8356416, until **2:00 p.m. Pacific Time on April 14, 2023**, at which time and place bids will be publicly opened and read by the Chief Administrative Office, Procurement & Contracts Division. The bid opening will be held virtually through Zoom. The virtual meeting can be accessed via the following: <https://us02web.zoom.us/j/85457299931>. Meeting ID: 854 5729 9931/ (669)900-6833 (San Jose), (253)215-8782 US (Tacoma), (346)248-7799 US (Houston).

LOCATION/DESCRIPTION OF THE WORK: The project is located at 300 Forni Road, Placerville, California 95667 in El Dorado County. The Work to be done as shown on the Plans, generally consists of, but is not limited to:

The furnishing of all labor, materials, and equipment for the expansion of the Placerville Jail parking lot as shown or required per the Contract Documents. Bids are required for the entire work described herein.

- A. The contract time shall be **sixty (60) calendar days**.
- B. For bonding purposes the estimated project cost is **approximately \$200,000**.
- C. **A Pre-Bid Site Visit is scheduled for this project on Friday, March 24, 2023. BIDDERS OR THEIR REPRESENTATIVES SHALL MEET AT 300 FORNI ROAD PLACERVILLE, CALIFORNIA 95667 SHARPLY AT 11:00 A.M. ATTENDANCE AT THE PRE-BID SITE VISIT IS MANDATORY. REPRESENTATIVES SHALL FOLLOW COUNTY COVID-19 POLICY WHILE ON COUNTY PREMISES. THE UPDATED COUNTY POLICY IS AVAILABLE AT: <https://www.edcgov.us/Government/BOS/Documents/E-11%20COVID-19%20Workplace%20Guidelines.pdf>.** In order to limit the disruption to the conduct of business, the meeting date listed will be the only opportunity for bidders to visit the site. The Bidder's representative will be required to sign an attendance sheet and provide the name of the firm being represented. The County will post on the Quest website such Addenda as the County in its discretion considers necessary in response to questions arising and information presented at the Pre-Bid Site Visit. Oral statements shall not be relied upon and will not be binding or legally effective. Addenda and answers to questions deemed relevant and appropriate issued as a result of the Pre-Bid Site Visit shall constitute the sole and exclusive record and statement of the results of the Pre-Bid Site Visit.
- D. Bidding for this Project consists of a Base Bid in combination with an Additive Alternate 1 Bid in accordance with the Proposal, Special Provisions, and Agreement. All bids will be compared by the summation of the Base Bid and the Additive Alternate 1 Bid. The All Bidder's Letter and Notice of Award will state the Base Bid with the Additive Alternate 1 Bid for recommendation for award to the Board and award by the Board respectively.
- E. **BASE BID:** Consists of Rough grading, installing underground utilities, compacting, placing rock and erosion control measures per **Phase 1** Rough Grading Plans per Attachments B and C.
- F. **ADDITIVE ALTERNATE 1:** Consists of exporting 2,700 cubic yards of clean dirt from Project site to 300 Fair Lane, Placerville, California 95667. Compact in lifts, place jute mesh and hydro seed per soils engineers' recommendations. Refer to Attachment A for the site map.
- G. Bids are required for the entire Work described herein.
- H. The award of Contract, if the Board awards, will be to the lowest responsive, responsible Bidder whose Proposal complies with all the requirements prescribed. The basis for low bid and Contract award will be the lowest total bid

summation for the combination of the Base Bid with the lowest bid for Additive Alternate 1. County reserves the right to award BASE BID only, or BASE BID combined with the lowest Additive Alternate 1 Bid; or reject all bids.

OBTAINING OR INSPECTING CONTRACT DOCUMENTS: The contract documents may be viewed and/or downloaded from the Quest Construction Data Network (Quest) website at <http://www.questcdn.com>. Interested parties may also access the Quest website by clicking on the link located on the Chief Administrative Office, Procurement and Contract's website at <http://edcapps.edcgov.us/contracts/invite.asp> and entering the Quest project #8356416.

Interested parties may view the Contract Documents on the Quest website at no charge. The digital Contract Documents may be downloaded for \$30.00 by inputting the Quest project #8356416 on the websites' Project Search page. Please contact Quest CDN.com at 952-233-1632 or info@questcdn.com for assistance with free membership, registration, downloading, and working with this digital project information. To access the electronic bid form, download the project/request documents and click the online bidding button at the top of the advertisement screen. Physical paper copies of the Contract Documents, including Plans, may be examined by appointment at the County of El Dorado, Chief Administrative Office, Procurement and Contracts Division located at 330 Fair Lane, Placerville, California 95667; however, the Chief Administrative Office will no longer issue paper copies of the Contract Documents to bidders. To view the Contract Documents in person, contact Tyler Prince by phone at 530-621-6438 or by email at tyler.prince@edcgov.us.

By paying for and downloading the digital Contract Documents, interested bidders are automatically included on the Planholders List. The list of planholders will be available on Quest's website under "View Planholders." Those downloading the Contract Documents assume responsibility and risk for completeness of the downloaded Contract Documents. To be eligible to bid, interested parties **MUST BE INCLUDED ON THE PLANHOLDERS LIST.**

ONLY CONTRACT DOCUMENTS, INCLUDING THE PROJECT PLANS, DOWNLOADED FROM QUEST AND SUBMITTED BY A BIDDER INCLUDED ON THE PLANHOLDERS LIST WILL BE CONSIDERED FOR BID SUBMITTAL.

PRE-BID COMMUNICATIONS & REQUESTS FOR INFORMATION (RFI): Questions will be accepted in writing only, through submission to the Quest website under the Quest Project #8356416 "Project Q&A", by email, or in hard copy, until **5:00 P.M. on March 31, 2023**. Pre-bid communications and RFI are to be submitted to the email shown on the Quest website under the Quest #8356416 "Project Q&A", emailed to: tyler.prince@edcgov.us with BID #23-968-038 – RFI as the subject, or in hard copy delivered to: County of El Dorado, Procurement & Contracts, 330 Fair Lane, Placerville, CA 95667, BID #23-968-038 – RFI. If a response does not require an addenda, answers to questions deemed relevant and appropriate will be uploaded to Quest on or about April 6, 2023. Oral responses concerning the content of the Plans and Contract Documents shall not be relied upon and will not be binding or legally effective. Addenda will be uploaded in PDF format to Quest's website. To receive notification of addenda, interested bidders must be included on the planholders list.

CONTRACTORS LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the Contractors' State License Law (Business and Professions Code section 7000 et seq.) and shall possess a California **Class A – General Engineering Contractor's License** at the time the bid is submitted, and shall maintain a valid license and certification through completion and acceptance of the Work, including the guarantee and acceptance period. Failure of the successful Bidder to obtain proper adequate licensing shall constitute a failure to execute the Contract and shall result in the forfeiture of the Bidder's security, and may result in legal penalties.

CONTRACTOR REGISTRATION: No contractor or subcontractor may be listed on a bid proposal for a public works project or awarded a contract for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code sections 1771.1(a), 1725.5. Bids will not be accepted from unregistered contractors except as provided in section 1771.1.

PREVAILING WAGE REQUIREMENTS: In accordance with the provisions of Labor Code section 1770 et seq., the general prevailing rate of wages in the county in which the Work is to be done has been determined by the Director of the California Department of Industrial Relations. These wage rates appear in the California Department of Transportation publication entitled General Prevailing Wage Rates. Interested parties can obtain the current wage information by submitting their requests to the Department of Industrial Relations, Division of Labor Statistics and Research, P.O. Box 420603, San Francisco CA 94142-0603, Telephone (415) 703-4708 or by referring to the website at <http://www.dir.ca.gov/dlsr/PWD>. The rates at the time of the bid advertisement date of a project will remain in effect for the life of the project in accordance with the California Code of Regulations, as modified and effective January 27, 1997.

Copies of the general prevailing rate of wages in the county in which the Work is to be done are also on file at the Chief Administrative Office, Facilities Division, and are available upon request.

In accordance with the provisions of Labor Code section 1810, eight (8) hours of labor shall constitute a legal day's work upon all work done hereunder, and Contractor and any subcontractor employed under this Contract shall conform to and be bound by the provisions of Labor Code sections 1810 through 1815.

SUBCONTRACTOR LIST: In accordance with the Subletting and Subcontracting Fair Practices Act, commencing with Section 4100 of the Public Contract Code, each Proposal must list therein the name, Contractor's license number, DIR number, and address of each subcontractor to whom the Bidder proposes to subcontract portions of the Work in an amount in excess of 0.5% of the total bid or \$10,000, whichever is greater. The Bidder must also list the Bid Items for completion by each subcontractor listed in the Subcontractor List. Show the subcontractor Work by listing the Bid Item number, Bid Item description, and portion in the form of a percentage (not to exceed 100%). Calculate the Bid Item portion by dividing the amount of subcontractor Work by the respective Bid Item amount(s) (not by the total bid price). Submit the percentage of each subcontractor Bid Item with the Bidder's bid or send via email to County of El Dorado, email- tyler.prince@edcgov.us, within 24 hours of request. The email must contain the name of each subcontractor submitted with the Bidder's bid along with the Bid Item number, the Bid Item description, and the percentage of each Bid Item subcontracted, as described above. At the time of Contract award, all listed subcontractors must have proper licensure to perform their designated portion of the Work. El Dorado County directs the Bidder's attention to other provisions of the Act related to the imposition of penalties for failure to observe its provisions by using unauthorized subcontractors or by making unauthorized substitutions. An inadvertent error in listing the California Contractor license number on the Subcontractor List will not be grounds for filing a bid protest or grounds for considering the bid non-responsive if the Bidder submits the corrected Contractor's license number via email as noted above within 24 hours of request. The corrected Contractor's license number must correspond to the submitted name and location for that subcontractor.

BUY AMERICA: This Project is subject to the "Buy America" provisions of the Surface Transportation Assistance Act of 1982, as amended by the Intermodal Surface Transportation Efficiency Act of 1991, and the Moving Ahead for Progress in the 21st Century Act (MAP-21). Contractor agrees that it will comply with all of the applicable "Buy America" provisions and will hold County harmless, pursuant to the Indemnity provisions set forth herein, for any violations of these laws.

BID SECURITY: A bid security shall be provided with each bid. Bid security shall be in an amount of not less than ten percent (10%) of the total amount bid for the Work and shall be cash, a certified check, or cashier's check drawn to the order of the County of El Dorado or a Bidder's Bond executed by a surety satisfactory to the County of El Dorado on the **form provided in the Proposal section of these Contract Documents.**

Bidders are required to submit either an electronic Bidder's Bond through Surety2000 or a PDF copy of a hard copy Bidder's Bond with their bid. If a bid security other than a Bidder's Bond is being used, Bidders must upload a PDF copy of the bid security with their electronic bid submittal. If a PDF copy of the bid security is uploaded, the original bid security and acknowledgment must be provided to the Chief Administrative Office, Procurement and Contracts Division, after the bid opening but before the end of business on the first business day after the bid opening. If the Bidder chooses to utilize Surety2000, by submitting their bid, Bidder hereby agrees to hold the County of El Dorado harmless from and waive any and all claims against the County of El Dorado for any claims or damages that arise from or are related to the Bidder's use of Surety 2000.

PERFORMANCE AND PAYMENT BONDS: The successful Bidder shall be required to execute a Performance Bond and a Payment Bond for not less than one hundred percent (100%) of the construction price, issued by an Admitted Surety, an insurance organization authorized to transact business in the State of California.

SECURITIES SUBSTITUTION: Pursuant to Public Contract Code section 22300, and at the request and expense of the Contractor to whom the Contract is awarded, securities in a form approved by the County shall be permitted in substitution for money withheld by the County to ensure performance under the Contract.

INSTRUCTIONS TO BIDDERS: All bidders should carefully review the Instructions to Bidders for more detailed information before submitting a Bid Proposal.

BY ORDER OF the Board of Supervisors, County of El Dorado, State of California.

Authorized by the Board of Supervisors on March 7, 2023 at Placerville, California.

Dated: _____

By: _____

Chair, Board of Supervisors

ATTEST:

Kim Dawson
Clerk of the Board of Supervisors

By: _____
Deputy Clerk

Dated: _____

*** END OF DOCUMENT ***

THESE INSTRUCTIONS SUPPLEMENT THE NOTICE TO BIDDERS, PROPOSAL, DRAFT CONTRACT, AND CONDITIONS OF THE CONTRACT

**PLACERVILLE JAIL PARKING LOT EXPANSION
BID #23-968-038**

INSTRUCTIONS TO BIDDERS

1. The County of El Dorado will receive sealed bids through online submission to Quest from Bidders as stipulated in the Notice to Bidders. **The Proposal including the Bidder's Security shall be submitted through Quest.** Bidders are cautioned that the timing of their online submission is based on when the submittal is RECEIVED by Quest, not when a submittal is initiated by a bidder. Online submittal transmissions can be delayed in an "Internet Traffic Jam" due to file transfer size, transmission speed, etc. For these reasons, the County recommends that bidders allow sufficient time to upload their response and attachment(s) and to resolve any issues that may arise. The closing date and time shall be governed by the Quest web clock, which does not allow submittals after the closing date and time. Quest will send a message to the Bidder's message center in Quest advising that their online submission (vbid) was successfully submitted. If you do not receive a successful submission confirmation, you are advised to contact Quest at 952-233-1632 or info@questcdn.com for assistance.
2. Bidders must submit bids only on forms provided in the Contract Documents downloaded from the Quest website and shall be accompanied by all documents and information required to be submitted by these Instructions to Bidders, the Notice to Bidders, and by law. Bids not submitted on the required forms provided in the Contract Documents downloaded from Quest website will be deemed nonresponsive and will be disqualified.
3. Bidders must complete and submit the Proposal, Proposal Bid Price Schedule, Subcontractors Listing, Public Contract Code section 10285.1 Statement, Public Contract Code section 10162 Questionnaire, Non-Collusion Affidavit, Confidentiality of Information Provided, and page P-10, along with P-11 through P-13, as applicable. Bids submitted without the required documentation will be deemed nonresponsive and will be disqualified.
4. Bidders must supply all information required by the Contract Documents and specifications. Bids must be complete. Late bids, unsealed bids, unlabeled bids, incomplete bids, or bids otherwise not in compliance with these bid documents will be rejected. The County reserves the right at its sole discretion to reject any bid as nonresponsive as a result of any error or omission in the bid.
5. Bidders may not modify the Proposal Document or qualify their bids.
6. Submission of a bid signifies that the Bidder has done a careful examination of the Contract Documents and has a complete understanding of the nature, extent, and location of Work to be performed. Bidder must complete the tasks listed below in subsections "a - c" as a condition to bidding, and submission of bid shall constitute the Bidder's express representation to the County that Bidder has fully completed the following:
 - a. Bidder has downloaded all documents related to the project from the Quest website and takes responsibility for their completeness;
 - b. Bidder has attended the mandatory pre-bid site visit and has examined thoroughly and understands the nature and extent of the Contract Documents, Work, Site, locality, actual conditions, as-built conditions, and all local conditions and federal, state and local laws and regulations that in any manner may affect cost, progress, performance or furnishing of Work or which relate to any aspect of the means, methods, techniques, sequences or procedures of construction to be employed by Bidder and safety precautions and programs incident thereto;
 - c. Bidder has given the County representative during the bid period prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as built and actual conditions and the written resolution thereof by County is acceptable to Bidder.

7. The following represents the schedule for this Project and is subject to change. All times listed are Pacific Time:

Bid Issuance	MARCH 14, 2023
Pre-Bid Site Visit (Mandatory)	MARCH 24, 2023 - 11:00 A.M.
Deadline for Final Questions	MARCH 31, 2023 - 5:00 P.M.
Bid Submission Deadline	APRIL 14, 2023 - 2:00 P.M.

8. No Bid may be withdrawn after the time established for receiving bids or before the award and execution of the Contract, unless the award is delayed for a period exceeding sixty (60) calendar days.
9. Bids must be executed in accordance with the instructions given on the forms provided in the Contract Documents furnished by the County of El Dorado, Chief Administrative Office, Procurement and Contracts Division, through Quest Construction Data Network (Quest).
10. **BUSINESS LICENSE:** The County Business License Ordinance provides that it is unlawful for any person to furnish supplies or services, or transact any kind of business in the unincorporated territory of El Dorado County without possessing a County business license unless exempt under County Ordinance Code Section 5.08.070. The Bidder to whom an award is made shall comply with all of the requirements of the County Business License Ordinance, where applicable, prior to beginning work under this Contract and at all times during the term of this Contract.
11. **REQUIRED LISTING OF PROPOSED SUBCONTRACTORS:** Each Bid shall have listed therein the name and address of each subcontractor, to whom the Bidder proposes to subcontract portions of the work in an amount in excess of 1/2 of one percent of its total bid in accordance with the Subletting and Subcontracting Fair Practices Act, commencing with Section 4100 of the Public Contract Code. The Bidder shall also describe in the Subcontractor Listing the work to be performed by each subcontractor listed. The work to be performed by the subcontractor shall be shown by listing the description of the work, and portion of the work to be performed by the subcontractor in the form of a percentage calculated by dividing the work to be performed by the subcontractor by the lump sum bid price. At the time the bids are submitted all listed subcontractors shall be properly licensed to perform their designated portion of the work. The Bidder's attention is invited to other provisions of the Act related to the imposition of penalties for a failure to observe its provisions by using unauthorized subcontractors or by making unauthorized substitutions.
12. **EMISSIONS REDUCTION:** Successful bidder shall comply with emission reduction regulations mandated by the California Air Resources Board, sign the certification of knowledge in the Agreement, and provide County a Certificate of Reported Compliance when road legal diesel vehicles with a gross vehicle weight over 14,000 pounds are included in their fleet. Contractor must require all sub-contractors to comply with such regulations and provide County a Certificate of Reported Compliance for each subcontractor with road legal diesel vehicles over 14,000 pound gross vehicle weight.
13. **NONDISCRIMINATION:** Attention is directed to the following Notice that is required by Government Code section 12990, et seq./ which shall also be included in any subcontract agreements:

**NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM
(GOVERNMENT CODE SECTION 12990)**

Your attention is called to the Nondiscrimination Clause set forth or referred to herein, which is applicable to all nonexempt state construction contracts and subcontracts and to the Standard California Nondiscrimination Construction Contract Specifications set forth herein. The specifications are applicable to all nonexempt state construction contracts and subcontracts of \$5,000 or more.

(2 CCR section 11119.)

NONDISCRIMINATION CLAUSE

1. During the performance of this contract, contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status. Contractors and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code, section 12900 et seq.) and the applicable regulations promulgated thereunder (2 CCR section 11000 et seq.). The applicable regulations of the Fair Employment and Housing Council implementing Government Code section 12990, set forth in Subchapter 5 of Division 4.1 of Title 2 of the California Code of Regulations are incorporated into this contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

2. Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

(2 CCR section 11105.)

STANDARD CALIFORNIA NONDISCRIMINATION CONSTRUCTION CONTRACT SPECIFICATIONS (GOV. CODE SECTION 12990)

These specifications are applicable to all state contractors and subcontractors having a construction contract or subcontract of \$5,000 or more.

1. As used in the specifications:

- a. "Act" means the Fair Employment and Housing Act.
- b. "Administrator" means Administrator, Office of Compliance Programs, California Department of Fair Employment and Housing, or any person to whom the Administrator delegates authority;

2. Whenever the contractor or any subcontractor subcontracts a portion of the work, it shall include in each subcontract of \$5,000 or more the nondiscrimination clause in this contract directly or through incorporation by reference. Any subcontract for work involving a construction trade shall also include the Standard California Construction Contract Specifications, either directly or through incorporation by reference.

3. The contractor shall implement the specific nondiscrimination standards provided in paragraphs 6(a) through (e) of these specifications.

4. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the contractor has a collective bargaining agreement, to refer members of any group protected by the Act shall excuse the contractor's obligations under these specifications, Government Code section 12990, or the regulations promulgated pursuant thereto.

5. In order for the nonworking training hours of apprentices and trainees to be counted, such apprentices and trainees must be employed by the contractor during the training period, and the contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor or the California Department of Industrial Relations.

6. The contractor shall take specific actions to implement its nondiscrimination program. The evaluation of the contractor's compliance with these specifications shall be based upon

its effort to achieve maximum results from its actions. The contractor must be able to demonstrate fully its efforts under steps a. through e. below:

- a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and at all facilities at which the contractor's employees are assigned to work. The contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the contractor's obligations to maintain such a working environment.
 - b. Provide written notification within seven days to the director of the DFEH when the referral process of the union or unions with which the contractor has a collective bargaining agreement has impeded the contractor's efforts to meet its obligations.
 - c. Disseminate the contractor's equal employment opportunity policy by providing notice of the policy to unions and training, recruitment and outreach programs and requesting their cooperation in assisting the contractor to meet its obligations; and by posting the company policy on bulletin boards accessible to all employees at each location where construction work is performed.
 - d. Ensure all personnel making management and employment decisions regarding hiring, assignment, layoff, termination, conditions of work, training, rates of pay or other employment decisions, including all supervisory personnel, superintendents, general foremen, on-site foremen, etc., are aware of the contractor's equal employment opportunity policy and obligations, and discharge their responsibilities accordingly.
 - e. Ensure that seniority practices, job classifications, work assignments, and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the equal employment opportunity policy and the contractor's obligations under these specifications are being carried out.
7. Contractors are encouraged to participate in voluntary associations that assist in fulfilling their equal employment opportunity obligations. The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under these specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on equal employment opportunity in the industry, ensures that the concrete benefits of the program are reflected in the contractor's workforce participation, and can provide access to documentation that demonstrates the effectiveness of actions taken on behalf of the contractor. The obligation to comply, however, is the contractor's.
8. The contractor is required to provide equal employment opportunity for all persons. Consequently, the contractor may be in violation of the Fair Employment and Housing Act (Government Code section 12990 et seq.) if a particular group is employed in a substantially disparate manner.
9. The contractor shall not use the nondiscrimination standards to discriminate against any person because race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status.
10. The contractor shall not enter into any subcontract with any person or firm decertified from state contracts pursuant to Government Code section 12990.
11. The contractor shall carry out such sanctions and penalties for violation of these specifications and the nondiscrimination clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Government Code section 12990 and its implementing regulations by the awarding agency. Any contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Government Code section 12990.

12. The contractor shall designate a responsible official to monitor all employment related activity to ensure that the company equal employment opportunity policy is being carried out, to submit reports relating to the provisions hereof as may be required by OCP and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, status, (e.g., mechanic, apprentice trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in any easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

(2 CCR section 11122.)

14. **AWARD OF CONTRACT:** The County reserves the right after opening bids to reject any or all bids, to waive any irregularity in a bid, or to make award to the lowest responsive, responsible Bidder(s). The Purchasing Agent will recommend the bid for award by the Board of Supervisors. As a condition of award, the successful Bidder will be required to submit bonds and evidence of insurance prior to execution of the Agreement by the County. Failure to meet this requirement shall constitute abandonment of the Bid by the Bidder and forfeiture of Bidder's security. Award will then be made to the next lowest responsible, responsive bidder.

A responsible, responsive bidder who submitted the lowest bid shall be awarded the contract, if awarded. County reserves the right to add or deduct from the contract the additive or deductive item after the lowest responsive, responsive bidder has been determined. The lowest bid will be determined based on the lowest total for the Base Bid and Additive Alternate 1.

15. **BIDDERS PROTEST PROCEDURES:** The Chief Administrative Office, Procurement & Contracts Division, will notify all bidders in writing of its recommendation for award or rejection of bids, and the date and time on which the recommendation for award will be considered and acted upon by the Board of Supervisors ("Notice of Intent to Award"). All bidders may attend the Board of Supervisors meeting, address the Board, and be heard.

Within 5 working days from the date of the Notice of Intent to Award, the Bidder protesting the recommendation for award must submit a formal written protest to the Procurement & Contracts Division, stating in detail the basis and reason for the protest. The Bidder must provide facts to support the protest including any evidence Bidder wishes to be considered together with the law, rule, regulation, or criteria on which the protest is based. The Bidder may attend the Board of Supervisors meeting at which the recommendation and bid protest will be considered. If the Bidder is not in attendance at that time, the bid protest may be dismissed by the Board of Supervisors without further consideration of the merits and the decision of the Board of Supervisors on the bid protest shall be final.

16. **PAYMENTS:** Attention is directed to Article 6.2 – APPLICATIONS FOR PAYMENT of Conditions of the Contract and Article 5 –PAYMENT of the Contract.
17. **RETAINAGE FROM PAYMENTS:** Attention is directed to Article 6.4 – WITHOLDING FROM PAYMENTS of the Conditions of the Contract and Article 27 – RETAINAGE of the Contract.
18. The following documents are to be executed and submitted by the apparent low Bidder after bids have been opened and duly inspected, and the County transmits the Notice of Award package to the successful Bidder. Failure to properly and timely submit these documents entitles the County to determine that the Bidder has abandoned the contract and the bidder's security shall be forfeited to County.

Submit the following documents to Tyler Prince, Chief Administrative Office, Procurement and Contracts Division, 330 Fair Lane, Placerville, California 95667 by 5:00 p.m. of the **TENTH** working day, following the date of the NOTICE OF AWARD OF CONTRACT letter. Execution of Contracts by the County depends upon approval of Insurance Certificates and Bonds, and associated contract documents.

- i. Contracts: The successful Bidder shall execute and submit the Agreements for the work associated with the Proposal Lump Sum Bid Price Schedule (See Draft Contract). Submit two (2) originals of Contract, each bearing an original signature.
- ii. County of El Dorado Performance Bond: To be executed by successful Bidder and surety each with notary acknowledgement. Successful Bidder shall furnish County with original copies of the Performance Bond and notary acknowledgment.
- iii. County of El Dorado Payment Bond: To be executed by successful Bidder and surety each with notary acknowledgement. Successful Bidder shall furnish County with original copies of the Payment Bond and notary acknowledgment.
- iv. Insurance certificates required by Conditions of the Contract, Article 8.
- v. California Form 590 – Withholding Exemption and County Payee Data Record Form
- vi. Certificate of Reported Compliance for road legal diesel vehicles over 14,000 pounds, if applicable.

SPECIAL INSTRUCTIONS

19. All work for the phase 1 contract must comply with plan sheets C4 and C5, please reference all the other sheets attached to the bid package for general notes, details, specifications that will be applicable to this scope of work according to Attachment B – Plans and Specifications. Please also reference Attachment C – Geotechnical Engineering Study for additional phase 1 engineering requirements.
20. Logistics plan must be submitted to the County’s Facilities Division for approval before breaking ground. Must include designated staff parking areas, truck route plan and staging areas. Truck route plan must be submitted to County for approval before any work off designated site is performed.
21. The work area available to the Contractor is on designated site only. Contractor shall install, maintain, and remove all temporary utilities and water meters after completion. Contractor shall be responsible for keeping all roads and parking lots clear of all dirt and debris.
22. Please see attached Supplemental Instructions to Bidders – El Dorado County Jail Contractor Rules & Procedures. All contractor employees shall attend a jail orientation meeting.

*** END OF INSTRUCTIONS TO BIDDERS ***

**PLACERVILLE JAIL PARKING LOT EXPANSION
BID #23-968-038**

SUPPLEMENTAL INSTRUCTIONS TO BIDDERS

**EL DORADO COUNTY JAIL
CONTRACTOR RULES & PROCEDURES**

1. The County will conduct **CRIMINAL BACKGROUND CHECKS** of all on-site Contractors' employees. Background checks will include a check of an employee's criminal history and **MAY** require submittal of fingerprints via Live Scan. Contractor agrees to replace **ANY** employee that the County has objection to without dispute.
2. Contractor's employees identified by the Sheriff's Office as needing to submit fingerprints as part of the background process are required to schedule an appointment with the Sheriff's Office Records unit twenty (20) calendar days prior to site mobilization.
3. The Contractor shall provide the County's Contract Administrator, or designee copies of a valid State issued photo identification (ID) for all on-site employees twenty (20) calendar days prior to site mobilization. All ID's should be sent at the same time.
4. All Contractors' on-site employees will be required to sign a **HOSTAGE WAIVER** and beware that this facility has a **NO HOSTAGE POLICY**. Waivers should be submitted with submission of State issued photo ID twenty (20) calendar days prior to site mobilization.
5. No **CONTRABAND** will be allowed such as knives, personal protection devices (ppds), cigarettes, etc. if going into the secure portion of the jail.
6. Contractor's employees **SHALL ATTEND A JAIL ORIENTATION MEETING (short term subs not entering existing jail facility may be exempt from this process)** prior to site mobilization which includes reviewing jail rules and procedures. Contractor shall allow one (1) hour per employee for this training.
7. Contractor's employees will be required to ENTER / EXIT at same time and together through the main jail lobby.
8. **Contractor's employees coming on site will be required to sign-in everyday at Contractor's trailer and exchange a valid state issued photo ID for a Contractor ID Badge. Badges will be displayed at all times by every employee. Any Contractor's employees without a County issued ID badge will not be allowed on site. At the end of the workday, Contractor's employees shall sign-out at lobby reception and exchange Contractor's badge for state valid photo ID. All ID Badges must be accounted for and returned at the end of the workday. Records of all signature pages must be submitted electronically to County's Contract Administrator, or designee by the end of each week.**
9. Contractor's employees agree to follow jail procedures regarding the prevention of transmitting communicable disease which may include completing the El Dorado County Jail Sign-In Sheet, wearing a face covering, and having their temperature taken by jail medical staff each working day prior to accessing any area within the secure portion of the jail facility.
10. Contractor's employees are subject to a **SEARCH** at any time.
11. Contractor's employees **will NOT** be allowed to wear **ORANGE, RED, OR YELLOW PANTS** inside the existing facility. No tank tops, sandals, flip flops, or shorts will be permitted.
12. **No CELL PHONES or any other communication devices, unless approved by the jail project manager and shift Sergeant in advance, will be allowed into the jail, NO exceptions.**
13. No cameras are permitted unless authorized by the jail project manager.
14. No communication with inmates will be allowed.

15. The existing lobby toilet facilities will not be available to Contractor's employees.
16. If applicable, Contractor's employees will need to complete a **TOOL CHECK DAILY** when entering the existing facility both before and after shift.
17. If applicable, if Contractor's employees working inside the existing facility leave the jail for lunch, they will need to sign out, return their Contractor badge and retrieve their State issued photo ID. When Contractor returns from lunch, it will be necessary to complete the sign in process again.
18. Anticipated working hours are Monday – Friday, 6:00 am to 6:00 pm. Alternate working hours are possible, but will need to be coordinated with Sheriff to assure staff is available for sign-in and sign-out.
19. No ladders, tools or equipment will be left unattended in secure portions of the jail or in public areas to include during lunch periods, overnight or weekends. Tools and equipment are to be secured when not attended.
20. Contractor supervisor will be responsible for ensuring that only their employees are on the work site. If there are any concerns the supervisor shall immediately contact:

· **Lieutenant Jon Eslick (530) 621-6030**

or

Sergeant Cameron Pomeroy (530) 621-5357

*** END OF SUPPLEMENTAL INSTRUCTIONS ***

THIS IS A SAMPLE OF WHICH DETAILS ALL THE NECESSARY INFORMATION NEEDED FOR A COMPLETE PROPOSAL. PLEASE LOG INTO QUEST AND COMPLETE ALL ELECTRONIC FORMS UNDER QUEST PROJECT #8356416. PLEASE NOTE THAT SOME FORMS WILL NEED TO BE DOWNLOADED AND RE-UPLOADED WITH ALL THE NECESSARY INFORMATION FILLED OUT. IF YOU ARE NOT UTILIZING SURETY 2000, THEN A PDF OF YOUR BIDDERS BOND WILL NEED TO BE UPLOADED AT THE TIME OF BID AND A HARD COPY WILL NEED TO BE DROPPED OFF TO THE PROCUREMENT AND CONTRACTS DIVISION LOCATED AT 330 FAIR LANE, PLACERVILLE, CALIFORNIA 95667 BY END OF BUSINESS ON THE FIRST BUSINESS DAY AFTER THE BID OPENING.

**THE USE OF PENCIL OR CORRECTION FLUID OR TAPE IS NOT ACCEPTABLE.
BID DOCUMENTS COMPLETED IN PENCIL OR CONTAINING THE USE OF CORRECTION FLUID OR TAPE WILL BE REJECTED.**

ALL CHANGES MUST BE LINED OUT AND CORRECTIONS INSERTED ADJACENT TO THE CHANGE AND INITIALED BY THE BIDDER'S AUTHORIZED REPRESENTATIVE

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PROPOSAL

(to be submitted with Bidder's Security)

**TO: CHIEF ADMINISTRATIVE OFFICE, PROCUREMENT and CONTRACTS DIVISION
COUNTY OF EL DORADO, STATE OF CALIFORNIA via Quest**

for the completion of

PLACERVILLE JAIL PARKING LOT EXPANSION

BID #23-968-038

NAME OF BIDDER: _____

BUSINESS MAILING ADDRESS: _____

CITY, STATE, ZIP: _____

BUSINESS STREET ADDRESS: _____

(Please include even if P.O. Box used)

CITY, STATE, ZIP: _____

TELEPHONE NO: AREA CODE () _____

FAX NO: AREA CODE () _____

EMAIL ADDRESS _____

The work for which this Proposal is submitted is for the construction in accordance with these Contract Documents (including the payment of not less than the State general prevailing wage rates set forth herein), the Project Plans described below, including any addenda thereto, the Contract annexed hereto, and also in accordance with the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished, and in accordance with the General Prevailing Wage rates. The Project Plans and other Contract Documents for the work to be done are entitled:

PLACERVILLE JAIL PARKING LOT EXPANSION

BID #23-968-038

Bids are to be submitted for the entire work, including Additive Alternate 1. The work includes LUMP SUM BID. Failure to submit a bid for the entire work, including Additive Alternate 1 will result in the bid being deemed non-responsive and will be disqualified. The County reserves the right to reject all bids.

The Bidder shall set forth a lump sum total for the BID, in clearly legible figures in the respective space provided for this purpose.

If the item total for the lump sum is unreadable or otherwise unclear, or is omitted, the bid may be deemed irregular.

Symbols such as commas and dollar signs will be ignored and have no mathematical significance in establishing lump sums. The written lump sum in numbers will be interpreted according to the number of digits and, if applicable, decimal placement.

The foregoing provisions for the resolution of specific irregularities cannot be so comprehensive as to cover every omission, inconsistency, error, or other irregularity which may occur in a bid. Any situation not specifically provided for will be determined in the discretion of the County, and that discretion will be exercised in the manner deemed by the County to best protect the public interest in the prompt and economical completion of the work. The decision of the County respecting the amount of a bid, or the existence or treatment of any irregularity in a bid, shall be final.

If this Proposal is accepted and the undersigned Bidder shall fail to enter into the Contract and furnish the two bonds in the sums required by the State Contract Act, with surety satisfaction to the County in accordance with the Special Provisions within ten (10) working days of the date of the letter notice from the County that the Contract has been awarded, the County may, at its option, determine that the Bidder has abandoned the Contract, and thereupon this Proposal and the acceptance thereof shall be null and void and the forfeiture of such security accompanying this Proposal shall operate and the same shall be the property of the County.

The undersigned Bidder acknowledges that a bid security must be submitted in the amount of not less than ten percent (10%) of the total Lump Sum Bid.

The undersigned, as Bidder, declares under penalty of perjury under the laws of the State of California that the only persons or parties interested in this Proposal, as principals, are those named herein; that this Proposal is made without collusion with any other person, firm, or corporation; that it has carefully examined the location of the proposed work, the annexed proposed form of Contract, and the Plans therein referred to; and that it proposes, and agrees if this Proposal is accepted, that it will contract with the County, in the form of the copy of the Draft Agreement annexed hereto, to provide all necessary machinery, tools, apparatus, and other means of construction, and to do all the work and furnish all the materials specified in the Contract, in the manner and time therein prescribed, and according to the requirements of the County as therein set forth, and that it will take in full payment therefore the following item prices, to wit:

For the project site, Bidder's scope of work shall include: Placerville Jail Parking Lot Expansion as shown or required by the Contract Documents. Should Bidder find relevant details missing from the original Contract Documents, including the plans and specifications, Bidder shall alert County.

ADDITIVE ALTERNATE:

Alternate #1: ADD - Export 2,700 cubic yards of clean dirt from project site to 300 Fair Lane, Placerville, California 95667. Compact in lifts, place jute mesh and hydro seed per soils engineers' recommendations. Refer to Attachment A for the site map.

**THE USE OF PENCIL OR CORRECTION FLUID OR TAPE IS NOT ACCEPTABLE.
BID DOCUMENTS COMPLETED IN PENCIL OR CONTAINING THE USE OF CORRECTION FLUID OR
TAPE WILL BE REJECTED.**

**ALL CHANGES MUST BE LINED OUT AND CORRECTIONS INSERTED ADJACENT TO THE CHANGE AND
INITIALED BY THE BIDDER'S AUTHORIZED REPRESENTATIVE**

PROPOSAL BID PRICE SCHEDULE

PLACERVILLE JAIL PARKING LOT EXPANSION

BID #23-968-038

Award of Contract: Bid will be awarded on the basis of the lowest responsive, responsible bidder based upon the total of the LUMP SUM bid including Additive Alternate #1 and meeting all other requirements.

Lump Sum Bid Amount: \$ _____

Alternate #1 ADD - Export 2,700 cubic yards of clean dirt from project site to 300 Fair Lane, Placerville, California 95667.

Additive Alternate #1 Bid Amount: \$ _____

Lump Sum Bid Amount (including Additive Alternate #1): \$ _____

NOTICE: Bidder's failure to execute the questionnaire and statements contained in this Bid as required by applicable laws and regulations, or the determinations by the County based upon those questionnaires and statements, may prohibit award of the subject Contract to the Bidder.

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BID DOCUMENTS COMPLETED IN PENCIL OR CONTAINING THE USE OF CORRECTION FLUID OR
TAPE WILL BE REJECTED.**

**ALL CHANGES MUST BE LINED OUT AND CORRECTIONS INSERTED ADJACENT TO THE CHANGE AND
INITIALED BY THE BIDDER'S AUTHORIZED REPRESENTATIVE**

PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT

In accordance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the Bidder hereby declares under penalty of perjury under the laws of the State of California that the Bidder has _____, has not _____ been convicted within the preceding three years of any offenses referred to in that Section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100. The term "Bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

NOTE: The Bidder must place a check mark after "has" or "has not" in one of the blank spaces provided.

The above Statement is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Signature: _____

Date: _____

Name: _____

Title: _____

Firm: _____

**THE USE OF PENCIL OR CORRECTION FLUID OR TAPE IS NOT ACCEPTABLE.
BID DOCUMENTS COMPLETED IN PENCIL OR CONTAINING THE USE OF CORRECTION FLUID OR
TAPE WILL BE REJECTED.**

**ALL CHANGES MUST BE LINED OUT AND CORRECTIONS INSERTED ADJACENT TO THE CHANGE AND
INITIALED BY THE BIDDER'S AUTHORIZED REPRESENTATIVE**

PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE

In accordance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury under the laws of the State of California, the following questionnaire:

Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has a proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes: _____ No: _____

If the answer is yes, explain the circumstances in the following space:

PUBLIC CONTRACT CODE SECTION 10232 STATEMENT

In accordance with Public Contract Code Section 10232, the Bidder hereby states under penalty of perjury under the laws of the State of California, that no more than one final unappealable finding of contempt of court by a Federal Court has been issued against the Bidder within the immediate preceding two year period because of the Bidder's failure to comply with an order of a Federal Court which orders the Bidder to comply with an order of the National Labor Relations Board.

NOTE:

The above Questionnaire and Statement are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Questionnaire and Statement.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

NONCOLLUSION AFFIDAVIT
(Title 23 United States Code Section 112 and
Public Contract Code Section 7106)

In accordance with Title 23 United States Code, Section 112 and Public Contract Code Section 7106, the Bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other Bidder, or to secure any advantage against the public body awarding the Contract of anyone interested in the proposed Contract; that all statements contained in the bid are true; and, further, that the Bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

NOTE:

The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Signature: _____

Date: _____

Name: _____

Title: _____

Firm: _____

CONFIDENTIALITY OF INFORMATION PROVIDED

Contractor shall maintain the confidentiality and privileged nature of all records. Upon completion of all Services, ownership and title to all reports, documents, plans, maps, specifications, estimates, compilations and any and all other materials or data given to Contractor as part of the Services requested shall be returned to the County.

Signature: _____

Date: _____

Name: _____

Title: _____

Firm: _____

Accompanying this proposal is _____

(NOTICE: INSERT THE WORDS "CASH (\$____)," "CASHIER'S CHECKS," "CERTIFIED CHECKS," OR "BIDDERS BONDS," AS THE CASE MAY BE)

in amount equal to at least ten percent (10%) of the total amount bid.

The names of all persons interested in the forgoing Proposal as principals are as follows:

IMPORTANT NOTICE: If the Bidder or other interested person is a corporation, state legal name of corporation and place of incorporation, also names of the president, secretary, treasurer, and executive officer thereof; if a partnership, state name of partnership, also names of all individual partners; if Bidder or other interested person is an individual, state first and last names in full.

Licensed in accordance with an act providing for the registration of Contractors,

License No. _____ Classification(s) _____

A copy of the afore-referenced license must be attached hereto.

ADDENDA: This Proposal is submitted with respect to the changes to the Contract included in addenda number(s)

(Fill in addenda numbers if addenda have been received and insert, in this Proposal, any Proposal Pay Items and Bid Price Schedules that were received as part of the addenda)

By my signature on this Proposal I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements of Public Contract Code Sections 10162, 10232, and 10285.1 are true and correct and that I have complied with the requirements of Section 8103 of the Fair Employment and Housing Commission Regulations (Chapter 5 of Division 4 of Title 2 of the California Code of Regulations). By my signature on this Proposal I further certify, under penalty of perjury under the laws of the State of California and the United States of America that the Noncollusion Affidavit required by Title 23 United States Code, Section 112 and Public Contract Code Section 7106 is true and correct.

The person or persons executing this Proposal on behalf of a corporation or partnership shall be prepared to demonstrate by resolution, article, or otherwise, that such person is or that such persons are appropriately authorized to act in these regards for such corporation or partnership. Such authority shall be demonstrated to the satisfaction of the County of El Dorado.

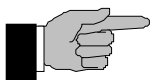
If the signature is by an agent other than an officer of a corporation or a member of a partnership, a power of attorney authorizing said act by the agent on behalf of his principal shall be submitted with the bid forms; otherwise, the bid may be disregarded as irregular and unauthorized.

The Bidder's execution on the signature portion of this Proposal shall constitute an endorsement and execution of those affidavits, declarations and certifications which are part of this Proposal.

Executed this _____ day of _____, 20__

at: _____ County, State of _____

Date: _____



SIGN HERE: _____

Name and Title of Bidder: _____

Name of Firm: _____

END OF PROPOSAL

COUNTY OF EL DORADO

BIDDER'S BOND

this form MUST be used

KNOW ALL PEOPLE BY THESE PRESENTS, THAT WE _____
_____, as **PRINCIPAL**, and

as Surety are held and firmly bound unto the County of El Dorado (Obligee), in the penal sum of **TEN (10) PERCENT OF THE AMOUNT OF THE TOTAL LUMP SUM BID PRICE** of the Principal above named, submitted by said Principal to the Obligee for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made to the Obligee, we the Principal and Surety bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents. In no case shall the liability of the Surety hereunder exceed the sum of

TEN PERCENT (10%) OF THE AMOUNT OF THE TOTAL LUMP SUM BID PRICE

THE CONDITION OF THIS OBLIGATION IS SUCH, THAT:

WHEREAS, the Principal has submitted the above-mentioned Bid to the Obligee, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at Placerville, El Dorado County, California, for the construction of the:

PLACERVILLE JAIL PARKING LOT EXPANSION
BID #23-968-038

NOW, THEREFORE, if the aforesaid Principal is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented to it for signature, enters into a written contract, in the prescribed form, in accordance with the Bid, and files two bonds with the County of El Dorado, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall remain in full force and virtue.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the Court.

IN WITNESS WHEREOF, we have set our hands and seals on this _____ day of _____ 20____

(seal) _____
Principal

(seal) _____
Surety

Address: _____

(NOTE: Signature of those executing for the Surety shall be properly acknowledged, and accompanied by a Certificate of Acknowledgment.)

PRINCIPAL

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

ACKNOWLEDGMENT

State of California

County of _____

On _____ before me, _____,
(here insert name and title of the officer)

personally appeared _____

_____ ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

Signature _____

(Seal)

SURETY

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

ACKNOWLEDGMENT

State of California

County of _____

On _____ before me, _____,
(here insert name and title of the officer)

personally appeared _____

_____ ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Seal)

County of El Dorado

BID #23-968-038

PLACERVILLE JAIL PARKING LOT EXPANSION

THIS AGREEMENT ("Agreement") approved by the County of El Dorado Board of Supervisors, this _____ day of _____, in the year of 20__, made and concluded, in duplicate, between the **COUNTY OF EL DORADO**, a political subdivision of the State of California, by the Chief Administrative Office, Facilities Division thereof, the party of the first part hereinafter called "County," and (CONTRACTOR) party of the second part hereinafter called "Contractor."

RECITALS

WHEREAS, County has caused the above-captioned project to be let to formal bidding process; and

WHEREAS, Contractor has duly submitted a bid response for the captioned project upon which County has awarded this Contract.

NOW, THEREFORE, the parties hereto have mutually covenanted and agreed, and by these presents do covenant and agree, each with the other, as follows:

Article 1. THE WORK

The improvement contemplated in the performance of this Contract is an improvement over which the County of El Dorado shall exercise general supervision. The County therefore, shall have the right, but not the duty to assume full and direct control over this Contract whenever the County at its sole discretion, shall determine that its responsibility is so required.

The Contractor shall complete the Work as specified or indicated under the County's Contract Documents entitled:

PLACERVILLE JAIL PARKING LOT EXPANSION

The project is located at 300 Forni Road Placerville, California 95667 in El Dorado County. The Work to be done as described in the Plans & Specifications, generally consists of, but is not limited to: furnishing of all labor, materials, and equipment for the Placerville Jail parking lot expansion. The Work shall include:

Rough grade, install underground utilities, compact, place rock and erosion control measures per **Phase 1** Rough Grading Plans. For additional scope of work information, see Plans & Specifications. Should Bidder find relevant details missing from the original drawings, Bidder shall alert the County.

Alternate #1: ADD - Export 2700 cubic yards of clean dirt from project site to 300 Fair Lane, Placerville, California 95667. Compact in lifts, place jute mesh and hydro seed per soils engineers' recommendations. Refer to Attachment A for the site map.

Article 2. CONTRACT DOCUMENTS

The Contract Documents consist of: the Notice to Bidders; Instructions to Bidders; Supplemental Instructions to Bidders; the bid forms which include the accepted Proposal, Proposal Bid Price Schedule, Subcontractors Listing, Section 10285.1 Statement, Section 10162 Questionnaire, Section 10232 Statement, Non-collusion Affidavit, and the Confidentiality of Information Provided; the Contract which includes this Agreement with any Exhibits thereto, the Performance Bond and

Payment Bond; Conditions of the Contract; All Exhibits and Attachments to the Bid; all Addenda incorporated in those documents before their execution, all Contract Change Orders, Architect's Supplemental Instructions if applicable, and Construction Change Directives issued in accordance with the Contract Documents which may be delivered or issued after the Effective Date of this Agreement and are not attached hereto; the prevailing Labor Surcharge And Equipment Rental Rates (when required) as determined by the Department of Industrial Relations to be in effect on the date the Work is accomplished; all the obligations of County and of Contractor which are fully set forth and described therein; and all Contract Documents which are hereby specifically referred to and by such reference made a part hereof. All Contract Documents are intended to cooperate so that any work called for in one and not mentioned in the other is to be executed the same as if mentioned in all Contract Documents. Contractor agrees to perform all of its promises, covenants, and conditions set forth in the Contract Documents, and to abide by and perform all terms and conditions set forth therein. In case of conflict between this Agreement and any other contract document, this Agreement shall take precedence.

Article 3. CONTRACT PRICE

As compensation agreed upon for said Work, County shall pay or cause to be paid to Contractor, in full, and for the full contract price and compensation for said completion of the Work, including without limitation, all bonds and insurance, THE NOT TO EXCEED SUM OF (insert dollar amount in words) DOLLARS (\$(insert dollar amount in numbers)) which sum constitutes the Contract Price for the complete Project (the "Contract Price").

Article 4. COMMENCEMENT AND COMPLETION

The Work to be performed under this Contract shall commence on the date specified in the Notice to Proceed issued by County. The work shall be diligently prosecuted to completion within **ninety (90) calendar days** commencing from the date shown on the Contractor Notice to Proceed.

County and Contractor recognize that time is of the essence of the Agreement and that County will suffer loss if the Work is not completed within the time specified in the above paragraph, plus any extensions thereof allowed in accordance with Article 4.3.5 of the Conditions of the Contract. The parties also recognize delays, expense, and difficulties involved with proving in a legal proceeding the actual loss suffered by County if the Work is not completed on time. Accordingly, instead of requiring any such proof, County and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay County the sum of **FIVE HUNDRED DOLLARS AND ZERO CENTS (\$500.00)** for each and every calendar day, as liquidated damages and not as a penalty, for each and every calendar day's delay in finishing the Work in excess of the contract time prescribed herein; and Contractor agrees that County may deduct the amount thereof from any monies due or that may become due Contractor under this contract.

Article 5. PAYMENT

Payment shall be made to Contractor as follows:

Progress payments are to be made monthly based on the percentage of completion method reached by the Contractor and invoiced using Exhibit A, marked "Application and Certificate for Payment," incorporated herein and made by reference a part hereof.

Retention of 5% of the total Contract price will be held until the work is 50% complete, and thereafter at the option of County. Payment by County as herein provided shall not be construed as an absolute acceptance of defects in the work or improper materials.

Article 6. SAFETY

Contractor shall maintain safe conditions at the jobsite for the duration of the Work for the public, County staff, and all persons performing the Work. Contractor shall comply fully with all laws, orders, citations, rules, regulations, standards, and statutes with respect to occupational health and safety, the handling and storage of hazardous materials, accident prevention, safety equipment and practices. Contractor shall be solely responsible for providing a safe place to work for its employees and for

employees of its subcontractors and suppliers or material and equipment, for adequacy of and required use of all safety equipment, and for full compliance with aforesaid laws, orders, citations, rules, regulations, standards, and statutes.

Other safety measures shall include, but not be limited to the following:

- A. Providing safe accessibility to all building entrances, keeping all sidewalks, active doors, corridors or other walkways, driveways, or any emergency vehicle access clear for the duration of the project.
- B. Keeping flammable rags, if applicable, in a sealed container and removing them from the site at the end of each work day.

Article 7. PROTECTION OF FACILITIES

- A. Contractor shall exercise care to prevent damage to the existing building, grounds, and property while performing the Work. Any damage caused as a result of Contractor's operations shall be repaired back to its original condition by Contractor at no additional cost to County.
- B. Contractor shall provide for continuous County occupancy and operation of the facility for the duration of the project.
- C. Contractor shall provide for public use, and shall limit access to the facility as directed by County's Contract Administrator.
- D. Contractor shall provide for work by other contractors and County.
- E. Contractor shall coordinate the use of the premises, including the storage of materials, tools, and equipment with County's Contract Administrator.

Article 8. INDEMNITY

To the fullest extent allowed by law, Contractor shall defend, indemnify, and hold the County and its officers, directors, and employees harmless against and from any and all claims, suits, losses, damages, and liability for damages, including attorney's fees and other costs of defense brought for or on account of injuries to or death of any person, including but not limited to, workers and the public, or on account of injuries to or death of County employees, or damage to property, or any economic, consequential or special damages which are claimed or which shall in any way arise out of or be connected with Contractor's services, operations or performance hereunder, regardless of the existence or degree of fault or negligence on the part of the County, the Contractor, subcontractors or employees of any of these, except for the sole negligence or willful acts of the County, its officers and employees, or where expressly prescribed by statute.

The duty to indemnify and hold harmless the County specifically includes the duties to defend set forth in Civil Code section 2778. The insurance obligations of the Contractor are separate, independent obligations under the Contract Documents, and the provisions of this defense and indemnity are not intended to modify nor should they be construed as modifying or in any way limiting the insurance obligations set forth in the Contract Documents.

Nothing herein shall be construed to seek indemnity in excess of that permitted by Civil Code section 2782, et seq. In the event any portion of this Article is found invalid, the Parties agree that this Article shall survive and be interpreted consistent with the provisions of Civil Code section 2782, et seq.

Article 9. GUARANTEES

Contractor shall repair or replace any or all work provided hereunder which is defective due to faulty materials, poor workmanship, or defective equipment at no expense to County, ordinary wear or tear and unusual abuse or neglect excepted, during the term of the Contract and for a period of one (1) year after Notice of Acceptance. Contractor shall be required to repair or replace any and all adjacent facilities or areas which have been damaged or displaced due to Contractor work

performed under this Agreement at no expense to County during the term of this Contract and for a period of one (1) year after Notice of Acceptance.

If a warranty or guarantee exceeding one (1) year is provided by the supplier or manufacturer of any equipment or materials used in this Project, or if a warranty or guarantee exceeding one (1) year is required elsewhere in these Contract Documents, then the guarantee for such equipment or materials shall be extended for such term. Contractor expressly agrees to act as co-guarantor of such equipment and materials, and Contractor shall supply County with all warranty and guaranty documents relative to equipment and materials incorporated in the job and guaranteed by its suppliers or manufacturers.

The parties agree that this guarantee and the rights and obligations accruing therefrom shall be in addition to, and not by way of limitation in any manner whatsoever to, the rights, obligations, warranties or remedies otherwise provided for by law.

In the event of Contractor's failure to comply with the above mentioned conditions within ten (10) calendar days after being notified in writing by County, Contractor hereby authorizes County to proceed to have said defects repaired and made good at Contractor's expense, and Contractor will honor and pay all costs and charges therefore upon written demand.

Article 10. NOTICE

Any notice or other correspondence required to be given under this Agreement by either party to the other may be affected by personal delivery in writing or by mail, postage prepaid. Notices personally delivered during normal business hours shall be deemed received on the actual date of delivery; mailed notices shall be deemed received one (1) day after affixed postmark. Notices and correspondence to County shall be in duplicate and shall be delivered to it as follows:

To County:

County of El Dorado
Chief Administrative Office
Facilities Division
3000 Fairlane Court, Suite One
Placerville, California 95667

Attn.: Charles Harrell
Facilities Division Manager

With a copy to:

County of El Dorado
Chief Administrative Office
Procurement and Contracts Division
330 Fair Lane
Placerville, California 95667

Attn.: Michele Weimer
Procurement and Contracts Manager

Notices and correspondence to Contractor shall be delivered when personally delivered to, or if mailed, addressed to Contractor at:

Contractor's Business Name
Street Address
City, State Zip

Attn.: Name of Notices Recipient
Title of Notices Recipient

Either party may change its address for notices by giving written notice pursuant to this Article.

Article 11. VENUE

The Contract Documents and all provisions thereto shall be governed by the laws of the State of California. Any litigation arising out of this Contract shall be brought in El Dorado County.

Article 12. PERFORMANCE BOND

As a part of the execution of this Contract, Contractor shall furnish a bond of a surety company authorized to do business in the State of California, conditioned upon the faithful performance of all covenants and stipulations under this Contract. The

amount of this bond shall be one hundred percent (100%) of the total Contract Price and shall be executed upon the form provided by County.

Article 13. PAYMENT BOND

As a part of the execution of this Contract, Contractor shall furnish a bond of a surety company authorized to do business in the State of California, conditioned upon the payment in full of all claims for labor and materials in accordance with the provisions of the law of the State of California. The amount of this bond shall be one hundred percent (100%) of the total Contract Price and shall be executed upon the form provided by County.

Article 14. NOTIFICATION OF SURETY COMPANY

The surety company shall familiarize itself with all of the conditions and provisions of this Contract, and shall waive the right of special notification of any change or modifications of this Contract or extension of time, or of decreased or increased work, or of the cancellation of the Contract, or of any other act or acts by County or its authorized agents, under the terms of this Contract; and failure to so notify the aforesaid surety company of changes shall in no way relieve the surety company of its obligation under this Contract.

Article 15. ASSIGNMENT OF ANTITRUST ACTIONS

In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the Contractor offers and agrees and will require all of its subcontractors and suppliers to agree to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S.C. sec. 15) or under the Cartwright Act (Business and Professions Code section 16700, et seq.), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to Contractor, without further acknowledgment by the parties.

If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under Government Code sections 4550-4554, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under Government Code sections 4550-4554 if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action.

Article 16. TERMINATION BY COUNTY FOR CONVENIENCE

County reserves the right to terminate the Contract at any time upon determination by County's representative that termination of the Contract is in the best interest of County. County shall issue Contractor a written notice specifying that the Contract is to be terminated.

Upon receipt of said written notice, Contractor shall stop all work under the Contract except: (1) work specifically directed to be completed prior to termination, (2) work the County deems necessary to secure the project for termination, (3) removal of equipment and plant from the site of the Work, (4) action that is necessary to protect materials from damage, (5) disposal of materials not yet used in the Work as directed by County, and (6) clean-up of the site.

If the Contract is terminated for County's convenience as provided herein, all finished or unfinished work and materials previously paid for shall, at the option of County, become its property. Contractor shall be paid an amount which reflects costs incurred for work provided to the date of notification of termination. In addition, Contractor shall be paid the reasonable cost, as solely judged by County, and without profit, for all work performed to secure the project for termination.

Article 17. TERMINATION BY COUNTY FOR CAUSE

If Contractor is adjudged as bankrupt or insolvent, or makes a general assignment for the benefit of its creditors or if a trustee or receiver is appointed for Contractor or for any of its property, or if Contractor files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or applicable laws, or on more than one occasion fails to supply sufficient skilled workmen or suitable material or equipment, or on more than one occasion fails to make prompt payments to subcontractors for labor, materials, or equipment, or disregards the authority of the County's representative, or the Engineer, if one is appointed, or otherwise violates any provision of the Contract Documents, then County may, without prejudice to any other right or remedy and after giving Contractor and its Surety a minimum of ten (10) calendar days from delivery of a written termination notice, terminate the services of Contractor and take equipment and machinery thereon owned by Contractor and finish the Work by whatever method County may deem expedient. In such case, Contractor shall not be entitled to receive any further payment until the Work is finished.

Without prejudice to other rights or remedies County may have, if Contractor fails to begin delivery of materials and equipment, to commence Work within the time specified, to maintain the rate of delivery of material, to execute the Work in the manner and at such locations as specified, or fails to maintain a work program which will ensure County's interest, or, if Contractor is not carrying out the intent of the Contract, an Inspector's written notice may be served upon Contractor and the Surety on its faithful performance bond demanding satisfactory compliance with the Contract. If Contractor or its Surety does not comply with such notice within five (5) calendar days after receiving it, or after starting to comply, fails to continue, County may exclude it from the premises and take possession of all material and equipment, and complete the Work by County's own forces, by letting the unfinished Work to another Contractor, or by a combination of such methods.

Where Contractor's services have been so terminated by County, said termination shall not affect any right of County against Contractor then existing or which may thereafter accrue. Any retention or payment of monies by County due Contractor will not release Contractor from compliance with the Contract Documents.

If the unpaid balance of the Contract price exceeds the direct and indirect costs of completing the Work, including compensation for additional professional services, such excess shall be paid to Contractor. If the sums under the Contract are insufficient for completion, Contractor or Surety shall pay to County within five (5) calendar days after the completion, all costs in excess of the Contract price. In any event, the cost of completing the Work shall be charged against Contractor and its Surety and may be deducted from any money due or becoming due from County.

The provisions of this Article shall be in addition to all other rights and remedies available to County under law.

If after notice of termination, it is determined for any reason that Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had not been issued. The Contract shall be equitably adjusted to compensate for such termination.

Article 18. SUCCESSORS AND ASSIGNS

This Agreement shall bind and inure to the heirs, devisees, assignees, and successors in interest of Contractor and to the successors in interest of County in the same manner as if such parties had been expressly named herein.

Article 19. SHORING PLAN

Excavation for any trench five (5) feet or more in depth shall not begin until Contractor has received approval, from the Contract Administrator, of Contractor's detailed shoring plan for worker protection from the hazards of caving ground during the excavation of that trench, and any design calculations used in the preparation of the detailed plan. The detailed plan shall show the details of the design of shoring, bracing, sloping or other provisions to be made for worker protection during the excavation. No plan shall allow the use of shoring, sloping or a protective system less effective than that required by the Construction Safety Orders of the California Division of Occupational Safety and Health. If the plan complies with the shoring system standards established by the Construction Safety Orders, the plan shall be submitted at least five (5) days before Contractor intends to begin excavation for the trench. If the plan varies from the shoring system standards established by the Construction Safety Orders, the plan shall be prepared and signed by an engineer who is registered as a Civil Engineer in the State of California, and the plan and design calculations shall be submitted at least three (3) weeks before Contractor intends to begin

excavation for the trench. Nothing in this Article shall be deemed to allow the use of a shoring, sloping or protective system less effective than that required by the Construction Safety Orders. Contractor's bid must include an item for shoring. (Labor Code sections 6705 and 6707.)

Article 20. RELOCATION OF UTILITIES

As required by Government Code section 4215, County will assume responsibility for the removal, relocation, and protection of main or trunk-line utility facilities existing on the construction site, if such facilities are not shown in the plans and specifications, and County shall compensate Contractor for the costs of locating and repairing damage to such facilities not due to the failure of Contractor to exercise reasonable care.

Nothing herein shall be deemed to require County to indicate the presence of existing service laterals or appurtenances whenever the presence of such utilities on the site of the construction project can be inferred from the presence of other visible facilities, such as buildings, meter, and junction boxes, on or adjacent to the site of the construction.

If Contractor, while performing the Work under this Agreement, discovers utility facilities not identified in the Contract Documents, including the plans or specifications, Contractor shall immediately notify the Contract Administrator or Project Manager. County shall not be liable for Contractor's performance of unauthorized work.

Article 21. NOTICE OF DISCOVERY OF HAZARDOUS WASTE OR UNUSUAL CONDITIONS

- A. Contractor shall promptly, and before the following conditions are disturbed, notify County in writing, in the event Contractor encounters, after excavating to a depth of greater than four (4) feet, any of the following:
1. Material that Contractor believes may be hazardous waste, as defined in Health and Safety Code section 25117, which is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law; or
 2. Subsurface or latent physical conditions at the site differing materially from those indicated in the Contract Documents; or
 3. Unknown physical conditions at the site of any unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the Work provided for in this Agreement.
- B. County shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, or cause a decrease or increase in Contractor's cost of, or time required for performance of any part of the Work, an adjustment, excluding loss of anticipated profits, will be made and this Agreement will be modified by a Change Order. County will notify Contractor of County's determination as to whether or not an adjustment of this Agreement is warranted.
- C. In the event a dispute arises between County and Contractor as to whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in Contractor's cost of, or time required for, performance of any part of the Work, Contractor shall not be excused from any scheduled completion date provided for by this Agreement, but shall proceed with all Work to be performed under this Agreement. Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between Contractor and County.

Article 22. REPORTING ACCIDENTS

Contractor shall prepare and submit (within 24 hours of such incidents) reports of accidents at the site and anywhere else the work is in progress in which bodily injury is sustained or property loss in excess of Five Hundred Dollars (\$500.00) occurs.

Article 23. EMISSIONS REDUCTION

Contractor and its subcontractors shall comply with emission reduction regulations mandated by the California Air Resources Board, and sign a certification of knowledge thereof:

CERTIFICATE OF KNOWLEDGE – EMISSIONS REDUCTION REGULATIONS

I am aware of the emissions reduction regulations being mandated by the California Air Resources Board (CARB). I will comply with such regulations before commencing the performance of the Work and maintain compliance throughout the duration of this Contract.

Signed: _____ Date: _____

Contractor shall indemnify County against any fines or penalties imposed by CARB or any other governmental or regulatory agency for violations of applicable laws, rules, and regulations by Contractor, its subcontractors, or others for whom Contractor is responsible under its indemnity obligations provided for in this Agreement.

Article 24. WORKERS’ COMPENSATION CERTIFICATION

Contractor shall comply with Labor Code section 3700 et seq., requiring it to obtain Workers’ Compensation Insurance, and sign a certificate of knowledge thereof.

CERTIFICATE OF KNOWLEDGE - LABOR CODE SECTION 3700

I am aware of the provisions of section 3700 of the Labor Code, which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of work of this Contract.

Signed: _____ Date: _____

Article 25. WARRANTY

Contractor warrants to County that materials and equipment furnished for the Work will be of good quality and new, unless otherwise required or permitted under the Contract Documents, that the Work will be free from defects or flaws and is of the highest quality of workmanship and that the Work will conform with the requirements herein. Work not conforming to these requirements, including substitutions not properly approved and authorized, shall be considered defective.

Article 26. RESOLUTION OF CLAIMS

Contractor's attention is directed to California Public Contract Code section 9204, which describes procedures for the resolution of claims on public works projects. Among other things, section 9204 requires the claimant to furnish reasonable documentation to support a claim, requires the public entity to respond to the claim within forty-five (45) days of receipt of the claim, and allows for the claimant to demand an informal meet and confer conference for settlement of the issues in dispute. For any portion of a claim that remains in dispute, section 9204 requires submission of the claim to nonbinding mediation. Additionally, section 9204 requires the public entity to make any payment due on an undisputed portion of the claim within sixty (60) days of the public entity’s written response and to pay interest at the rate of seven percent (7%) per annum on any amounts not paid in a timely manner. The provisions of sections 20104 et seq. also apply to the resolution of claims under this Contract to the extent those sections are not in conflict with section 9204.

Article 27. APPRENTICES

27.1 For purposes of this Article 27, the term Subcontractor shall not include suppliers, manufacturers, and distributors.

27.2 Only apprentices, as defined in the State of California Labor Code section 3077, who are in training under apprenticeship standards and written apprentice agreements under Chapter 4, Division 3, of the State of California Labor Code, are eligible to be employed by Contractor and Subcontractors as apprentices. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and written apprentice agreements under which the apprentice is training and in accordance with prevailing wage law pursuant to the Labor Code, including but not limited to section 1777.5. The Contractor bears responsibility for compliance with this section for all apprenticeable occupations.

27.3 Every apprentice shall be paid the standard wage to apprentices, under the regulations of the craft or trade at which the apprentice is employed, and shall be employed only at the Work in the craft or trade to which the apprentice is indentured.

27.4 When Contractor or Subcontractors employ workers in any apprenticeship craft or trade on the Work, Contractor or Subcontractors shall 1) send contract award information to the applicable joint apprenticeship committee that can supply apprentices to the site of the public work and 2) apply to the joint apprenticeship committee, which administers the apprenticeship standards of the craft or trade in the area of the Project site, for a certificate approving Contractor or Subcontractors under the apprenticeship standards for the employment and training of apprentices in the area of the Project site. The committee will issue a certificate fixing the number of apprentices or the ratio of apprentices to journeymen who shall be employed in the craft or trade on the Work. The ratio will not exceed that stipulated in the apprenticeship standards under which the joint apprenticeship committee operates; but in no case shall the ratio be less than 1 hour of **apprentice** work for every 5 hours of journeyman work, except as permitted by law. Contractor or Subcontractors shall, upon the issuance of the approval certificate in each such craft or trade, employ the number of apprentices or the ratio of apprentices to journeymen fixed in the certificate issued by the joint apprenticeship committee or present an exemption certificate issued by the Division of Apprenticeship Standards.

27.5 "Apprenticeship craft or trade," as used in this Article 27, shall mean a craft or trade determined as an apprenticeship occupation in accordance with rules and regulations prescribed by the Apprenticeship Council.

27.6 If Contractor or Subcontractors employ journeymen or apprentices in any apprenticeship craft or trade in the area of the Project site, and there exists a fund for assisting to allay the cost of the apprenticeship program in the trade or craft, to which fund or funds other contractors in the area of the Project site are contributing, Contractor and Subcontractors shall contribute to the fund or funds in each craft or trade in which they employ journeymen or apprentices on the Work in the same amount or upon the same basis and in the same manner done by the other contractors. Contractor may include the amount of such contributions in computing its bid for the Contract; but if Contractor fails to do so, it shall not be entitled to any additional compensation therefor from County.

27.7 In the event Contractor willfully fails to comply with this Article 27, it will be considered in violation of the requirements of the Contract.

27.8 Nothing contained herein shall be considered or interpreted as prohibiting or preventing the hiring by Contractor or Subcontractors of journeyman trainees who may receive on-the-job training to enable them to achieve journeyman status in any craft or trade under standards other than those set forth for apprentices.

Article 28. RETAINAGE

The retainage from payments is set forth in Section 6.4 "WITHHOLDINGS FROM PAYMENTS" of the Conditions of the Contract. Contractor may elect to receive one hundred percent (100%) of payments due as set forth in the Contract Documents, without retention, by depositing securities of equivalent value with County, in accordance with, and as set forth in section 22300 of the Public Contract Code. Securities eligible for deposit hereunder shall be limited to those listed in Government Code section 16430, or bank or savings and loan certificates of deposit.

Article 29. PREVAILING WAGE REQUIREMENTS

In accordance with the provisions of California Labor Code section 1770 et seq., the general prevailing rate of wages in the county in which the Work is to be done has been determined by the Director of the California Department of Industrial Relations. Interested parties can obtain the current wage information by submitting their requests to the Department of Industrial Relations, Division of Labor Statistics and Research, P.O. Box 420603, San Francisco, CA 94142-0603, Telephone (415) 703-4708 or by referring to the website at <http://www.dir.ca.gov/dlsr/PWD>. The rates at the time of the bid advertisement date of a project will remain in effect for the life of the project in accordance with the California Code of Regulations, as modified and effective January 27, 1997.

Copies of the general prevailing rate of wages in the county in which the Work is to be done are also on file at the Chief Administrative Office, Facilities Division, and are available upon request.

In accordance with the provisions of Labor Code section 1810, eight (8) hours of labor shall constitute a legal day's work upon all work done hereunder, and Contractor and any subcontractor employed under this Contract shall conform to and be bound by the provisions of Labor Code sections 1810 through 1815.

Article 30. NON-DISCRIMINATION

A. County may require Contractor's services on projects involving funding from various state and/or federal agencies, and as a consequence, Contractor shall comply with all applicable nondiscrimination statutes and regulations during the performance of this Agreement including but not limited to the following: Contractor and its employees and representatives shall not unlawfully discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, military and veteran status of any person, marital status, age, sex, gender, gender identity, gender expression, or sexual orientation. Contractor shall, unless exempt, comply with the applicable provisions of the Fair Employment and Housing Act (Government Code, section 12900 et seq.) and applicable regulations promulgated thereunder (2 CCR section 11000 et seq.); the applicable regulations of the Fair Employment and Housing Commission implementing Government Code, section 12990, set forth in Subchapter 5 of Chapter 5 of Division 4 of Title 2 of the California Code of Regulations incorporated into this Agreement by reference and made a part hereof as if set forth in full; and Title VI of the Civil Rights Act of 1964, as amended. Contractor and its employees and representatives shall give written notice of their obligations under this clause as required by law.

B. Where applicable, Contractor shall include these nondiscrimination and compliance provisions in any of its agreements that affect or are related to the services performed herein.

C. Contractor's signature shall provide any certifications necessary under the federal laws, the laws of the State of California, including but not limited to Government Code section 12990 and 2 CCR section 8103.

Article 31. CONFLICT OF INTEREST

The parties to this Agreement have read and are aware of the provisions of Government Code section 1090 et seq. and the Political Reform Act of 1974 (section 87100 et seq.), relating to conflict of interest of public officers and employees. Individuals who are working for Contractor and performing work for County and who are considered to be consultant within the meaning of 2 CCR section 18700.3, as it now reads or may thereafter be amended, are required to file a statement of economic interest in accordance with County's Conflict of Interest Code. County's Contract Administrator shall at the time this Agreement is executed make an initial determination whether or not the individuals who will provide services or perform work pursuant to this Agreement are consultants within the meaning of the Political Reform Act and County's Conflict of Interest Code. Statements of economic interests are public records subject to disclosure under the California Public Records Act.

Contractor covenants that during the term of this Agreement neither it, nor any officer or employee of the Contractor, has or shall acquire any interest, directly or indirectly, in any of the following:

1. Any other contract connected with, or directly affected by, the services to be performed by this Agreement.
2. Any other entities connected with, or directly affected by, the services to be performed by this Agreement.

3. Any officer or employee of County that are involved in this Agreement.

If Contractor becomes aware of a conflict of interest related to this Agreement, Contractor shall promptly notify County of the existence of that conflict, and County may, in its sole discretion, immediately terminate this Agreement by giving written notice of termination specified in Article 17.

Pursuant to Government Code section 84308 (SB 1439, the Levine Act), Contractor shall complete and sign the attached Exhibit B, marked "California Levine Act Statement," incorporated herein and made by reference a part hereof, regarding campaign contributions by Contractor, if any, to any officer of County.

Article 32. SUBCONTRACTORS

32.1 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

32.1.1 Unless otherwise stated in the Contract Documents, Contractor shall submit in writing, prior to entering into subcontract agreements, the names and addresses of all Subcontractors proposed for the Work that were not previously listed in Contractor's Bid. Where subcontractors are used, the provisions of Public Contract Code sections 4100-4114 apply to this Agreement.

32.1.2 Any Subcontractor may be disqualified if County or County's Representative determines that such Subcontractor fails to meet the requirements of the Contract Documents or for any other reason.

32.1.3 In accordance with the Subletting and Subcontracting Fair Practices Act, nothing herein shall be deemed to entitle Contractor, without the approval of County, to substitute other subcontractors for those named in Contractor's List of Subcontractors and List of Changes in Subcontractors Due to Alternates contained in the completed Bid Form; and, except with such approval, no such substitution shall be made.

32.1.4 Except as hereinafter provided, any increase in the cost of the Work resulting from the replacement or substitution of a Subcontractor, as required by County or County's Representative pursuant to Article 32.1.1 shall be borne solely by Contractor and Contractor shall not be entitled to any increase in Contract Sum or extension of Contract Time on account of such replacement or substitution.

32.2 SUBCONTRACTUAL RELATIONS

32.2.1 Any part of the Work performed for Contractor by a first-tier Subcontractor shall be pursuant to a written subcontract. Each such subcontract shall require the Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to Contractor by the terms of the Contract Documents, to assume toward Contractor all the obligations and responsibilities which Contractor assumes towards County by the Contract Documents, and to perform such portion of the Work in accordance with the Contract Documents. Each such subcontract shall preserve and protect the rights of County under the Contract Documents, with respect to the Work to be performed by Subcontractor, so that subcontracting thereof will not prejudice such rights. Contractor shall cause each such subcontract to expressly include the following requirements:

32.2.1.1 Subcontractor waives all rights that Subcontractor may have against County for damages caused by fire or other perils covered by builder's risk property insurance carried by Contractor or County.

32.2.1.2 County and entities and agencies designated by County will have access to and the right to audit and the right to copy at County's cost all of Subcontractor's books, records, contracts, correspondence, instructions, drawings, receipts, vouchers, purchase orders, and memoranda relating to the Work. Subcontractor shall preserve all such records and other items for a period of at least 3 years after Final Completion.

32.2.2 Upon the request of County, Contractor shall promptly furnish to County a true, complete, and executed copy of any subcontract.

Article 33. CONTRACTOR REGISTRATION

In accordance with Labor Code section 1771.1, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Public Contract Code section 4104, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Business and Professions Code section 7029.1 or by Public Contract Code sections 10164 or 20103.5, provided the contractor is registered to perform public work pursuant to Labor Code section 1725.5 at the time the contract is awarded.

The contractor must post job site notices as prescribed by regulation 8 CCR section 16451. All contractors and subcontractors must furnish electronic certified payroll records directly to the Department of Industrial Relations (DIR). The work is subject to compliance monitoring and enforcement by the DIR.

Article 34. AUDIT BY CALIFORNIA STATE AUDITOR

Audit by California State Auditor: Contractor acknowledges that if total compensation under this agreement is greater than \$10,000, this Agreement is subject to examination and audit by the California State Auditor for a period of three (3) years, or for any longer period required by law, after final payment under this Agreement, pursuant to Government Code section 8546.7. In order to facilitate these potential examinations and audits, Contractor shall maintain, for a period of at least three (3) years, or for any longer period required by law, after final payment under the contract, all books, records and documentation necessary to demonstrate performance under the Agreement.

Article 35. TAXES

Contractor certifies that as of today's date, it is not in default on any unsecured property taxes or other taxes or fees owed by Contractor to County. Contractor agrees that it shall not default on any obligations to County during the term of this Agreement.

Article 36. CHILD SUPPORT COMPLIANCE ACT

For any Agreement in excess of \$100,000.00, the Contractor acknowledges in accordance with Public Contract Code section 7110, that:

- a) The Contractor recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with section 5200) of Part 5 of Division 9 of the Family Code; and
- b) The Contractor, to the best of its knowledge is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.

Article 37. LICENSES

Contractor warrants and represents that it holds a valid California license pursuant to the Contractors' State License Law (Business and Professions Code section 7000, et seq.), that its license is in good standing and that it possesses a Class A – General Engineering Contractor's License as required by the categories and type of the Work. Copies of Contractor's State Contractors' license must be provided with this Agreement.

In addition, Contractor hereby represents and warrants that Contractor and any of its subcontractors employed under this Agreement has all the applicable licenses, permits, and certifications that are legally required for Contractor and its subcontractors to practice its profession or provide the services or work contemplated under this Agreement in the State of California. Contractor and its subcontractors shall obtain or maintain said applicable licenses, permits, or certificates in good standing throughout the term of this Agreement

Article 38. BUSINESS LICENSE

The County Business License Ordinance provides that it is unlawful for any person to furnish supplies or services, or transact any kind of business in the unincorporated territory of El Dorado County without possessing a County business license unless exempt under County Ordinance Code section 5.08.070. Contractor warrants and represents that it shall comply with all of the requirements of the County Business License Ordinance, where applicable, prior to beginning work under this Contract and at all times during the term of this Contract.

Article 39. WAIVER

No failure on the part of the parties to exercise any rights under this Agreement, and no course of dealing with respect to any right hereunder shall operate as a waiver of that right, nor shall any single or partial exercise of any right preclude the exercise of any other right. The remedies herein provided are cumulative and are not exclusive of any other remedies provided by law.

Article 40. FORCE MAJEURE

Neither party will be liable for any delay, failure to perform, nor omission under this Agreement that is due to any cause that it is beyond its control, not due to its own negligence, and cannot be overcome by the exercise of due diligence. In that event, the affected party will:

1. Promptly give written notice to the other of the fact that it is unable to so perform and the cause(s) that is beyond its control.
2. Once the cause(s) has ceased, provide written notice to the other party and immediately resume its performance under this Agreement.

For purposes of this Article, "cause that is beyond its control" includes labor disturbances, riots, fires, earthquakes, floods, storms, lightning, epidemics, war, disorders, hostilities, expropriation or confiscation of properties, failure of and delays by carriers, interference by civil or military authorities, whether legal or de facto, and whether purporting to act under some constitution, decree, or law, or otherwise, or acts of God.

Article 41. CONTRACT ADMINISTRATOR

The County Officer or employee with responsibility for administering this Agreement is Charles J. Harrell, Facilities Manager, Chief Administrative Office, or successor.

Article 42. AUTHORIZED SIGNATURES

The parties hereto represent that the undersigned individuals executing this Agreement on their behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties the obligations set forth herein.

Article 43. PARTIAL INVALIDITY

If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way.

Article 44. ENTIRE AGREEMENT

This document and the documents referred to herein or exhibits hereto are the entire Agreement between the parties and they incorporate or supersede all prior written or oral agreements or understandings.

LIST OF EXHIBITS:

- **Exhibit A – Application and Certificate for Payment**
- **Exhibit B – California Levine Act Statement**

DRAFT

IN WITNESS WHEREOF, the said Chief Administration Office, Facilities Division of the County of El Dorado, State of California, has caused this Agreement to be executed by County's Board of Supervisors, on its behalf, and the said Contractor has signed this Agreement the day and year written below.

COUNTY OF EL DORADO

By: _____ Dated: _____
_____, Chair
Board of Supervisors
County of El Dorado

ATTEST:
Kim Dawson, Clerk
Of the Board of Supervisors

By: _____ Dated: _____
Deputy Clerk

CONTRACTOR

By: _____ Dated: _____
President

By: _____ Dated: _____
Secretary

License No.: _____ Federal Employer Identification No. _____

NOTE: If Contractor is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if Contractor is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the co-partnership; and if Contractor is an individual, his/her signature shall be placed above. Contractor executing this document on behalf of a corporation or partnership shall be prepared to demonstrate by resolution, article, or otherwise that it is appropriately authorized to act in these regards. For such corporation or partnership, such authority shall be demonstrated to the satisfaction of County. If signature is by an agent, other than officer of a corporation or a member of a partnership, an appropriate Power of Attorney shall be on file with the Department prior to signing this document.

Mailing Address: _____

Business Address: _____

City, Zip: _____

Phone: _____ Fax: _____

*** END OF CONTRACT**

Contractor's Name

Exhibit B

California Levine Act Statement

California Levine Act Statement

California Government Code Section 84308, commonly referred to as the "Levine Act," prohibits any Officer(s) of El Dorado County from participating in any action related to a contract if he or she receives any political contributions totaling more than two hundred and fifty dollars (\$250) within the previous twelve (12) months, and for twelve (12) months following the date a final decision concerning the contract has been made, from the person or company awarded the contract. The Levine Act also requires disclose of such contribution by a party to be awarded a specific contract. An Officer of El Dorado County includes the Board of Supervisors and any elected official (an "Officer"). It is the Contractor's responsibility to confirm the appropriate Officer and name the individual(s) in their disclosure.

Have you or your company, or any agent on behalf of you or your company, made any political contributions of more than \$250 to an Officer of the County of El Dorado in the twelve (12) months preceding the date of the submission of your proposals or the anticipated date of any Board action related to this contract?

_____YES _____NO

If yes, please identify the Officer(s) by name:

Do you or your company, or any agency on behalf of you or your company, anticipate or plan to make any political contribution of more than \$250 to an Officer of the County of El Dorado in the twelve (12) months following any Board action related to this contract?

_____YES _____NO

If yes, please identify the Officer(s) by name:

Answering YES to either of the two questions above does not preclude the County of El Dorado from awarding a contract to your firm or any taking any subsequent action related to the contract. It does, however, preclude the identified Officer(s) from participating in any actions related to this contract.

Date

Signature of authorized individual

Type or write name of company

Type or write name of authorized individual

APPLICATION AND CERTIFICATE FOR PAYMENT - EXHIBIT A

TO OWNER:
 El Dorado County
 3000 Fairlane Court, Suite One
 Placerville, CA 95667
 FROM CONTRACTOR:

PROJECT:
 BID #23-968-038
 Placerville Jail Parking Lot Expansion

APPLICATION #: 1
 PERIOD TO:
 PROJECT NOS:
 CONTRACT DATE:

Distribution to:

<input type="checkbox"/>	County
<input type="checkbox"/>	Cont Adm
<input type="checkbox"/>	Contractor
<input type="checkbox"/>	
<input type="checkbox"/>	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet is attached.

1. ORIGINAL CONTRACT SUM -----	\$	<input type="text"/>
2. Net change by Change Orders -----	\$	<input type="text"/>
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$	<input type="text"/>
4. TOTAL COMPLETED & STORED TO DATE -\$		<input type="text"/>
(Column G on Continuation Sheet)		
5. RETAINAGE:		
a. _____ of Completed Work	\$	<input type="text"/>
(Column D+E on Continuation Sheet)		
b. _____ of Stored Material	\$	<input type="text"/>
(Column F on Continuation Sheet)		
Total Retainage (Line 5a + 5b or		
Total in Column 1 of Continuation Sheet)-----	\$	<input type="text"/>
6. TOTAL EARNED LESS RETAINAGE -----	\$	<input type="text"/>
(Line 4 less Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT		
(Line 6 from prior Certificate)-----	\$	<input type="text"/>
8. CURRENT PAYMENT DUE -----	\$	<input type="text"/>
9. BALANCE TO FINISH, INCLUDING RETAINAGE		
(Line 3 less Line 6)	\$	<input type="text"/>

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Contract Administrator		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

CONTRACTOR:

By: _____ Date: _____

State of: California
 County of: El Dorado

CERTIFICATE FOR PAYMENT

In accordance with Contract Documents, based on on-site observations and the data comprising application, the Contract Administrator certifies to El Dorado County that to the best of the Contract Administrator's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ----- \$ _____
 (Attach explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation Sheet that are changed to conform to the amount certified.)

CONTRACT ADMINISTRATOR

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

Exhibit "A"

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

APPLICATION NUMBER: 1

PROJECT:

APPLICATION DATE:

Bid #23-968-038

PERIOD TO:

Placerville Jail Parking Lot Expansion

CONTRACTOR'S PROJECT NO:

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (Not In D or E)	G		H Balance To Finish (C - G)	I Retainage
			D From Previous Application (D + E)	E This Period		Total Completed And Stored To Date (D + E + F)	% (G/C)		
1									
2									
3									
4									
5									
6									
7									
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10									
11									
12									
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25									
26									
27									
28									
SUBTOTALS PAGE 2									

COUNTY OF EL DORADO

PAYMENT BOND

(Section 9550, Civil Code)

Bond No. _____

WHEREAS, the County of El Dorado, a political subdivision of the State of California, hereafter referred to as "Obligee", has awarded to Contractor

_____ hereafter referred to as "Principal", a contract for the work described as follows:

**COUNTY OF EL DORADO
PLACERVILLE JAIL PARKING LOT EXPANSION
BID #23-968-038**

AND, WHEREAS, said Principal is required to furnish a bond in connection with said contract, guaranteeing the faithful performance thereof:

NOW, THEREFORE, we the undersigned Principal and Surety are held and firmly bound unto the Obligee, in the sum of _____ Dollars, (\$ _____) to be paid to the Obligee, for which payment we bind ourselves, jointly and severally.

THE CONDITION OF THIS OBLIGATION IS SUCH, That if said Principal or its subcontractors shall fail to pay any of the persons named in Civil Code Section 9100, or amounts due under the Unemployment Insurance Code with respect to work or labor performed by such claimant, or any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board from the wages of employees of the Principal and his subcontractors pursuant to Section 18806 of the Revenue and Taxation Code, with respect to such work and labor, that the Surety herein will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In case suit is brought upon this bond, the Surety will pay a reasonable attorney's fee to be fixed by the court.

This bond shall inure to the benefit of any of the persons named in Civil Code Section 9100 as to give a right of action to such persons or their assigns in any suit brought upon this bond.

Dated: _____

Correspondence or Claims relating to this bond should be sent to the Surety at the following address:

PRINCIPAL

SURETY

ATTORNEY-IN-FACT

NOTE: Signatures of those executing for the Principal and for the Surety must be properly acknowledged, and a Power of Attorney attached for the Surety.

NOTARY ACKNOWLEDGMENTS ATTACHED

PRINCIPAL

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, _____,
(here insert name and title of the officer)

personally appeared _____

_____ ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Seal)

SURETY

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, _____,
(here insert name and title of the officer)

personally appeared _____

_____ ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Seal)

COUNTY OF EL DORADO

PERFORMANCE BOND

Bond No. _____

KNOW ALL MEN BY THESE PRESENTS, that we _____

the Contractor in the Contract hereto annexed, as Principal, and _____

as Surety, are held firmly bound unto the County of El Dorado, a political subdivision of the State of California, hereinafter called the "Obligee" in the

sum of _____ DOLLARS,

(\$ _____) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, jointly and severally, firmly by these presents.

Signed, sealed and dated: _____

The condition of the above obligation is such that if said Principal as Contractor in the Contract hereto annexed shall faithfully perform each and all of the conditions of said Contract to be performed by him, and shall furnish all tools, equipment, apparatus, facilities, transportation, labor and material, other than material, if any, agreed to be furnished by the Obligee, necessary to perform and complete, and to perform and complete in a good and workmanlike manner, the work of **BID #23-968-038 for the COUNTY OF EL DORADO – PLACERVILLE JAIL PARKING LOT EXPANSION** in strict conformity with the terms and conditions set forth in the Contract hereto annexed, then this obligation shall be null and void; otherwise this bond shall remain in full force and effect and the said Surety will complete the Contract work under its own supervision, by Contract or otherwise, and pay all costs thereof for the balance due under terms of the Contract, and the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the court.

This guarantee shall insure the Obligee during the work required by any Contract and for a period of one (1) year from the date of acceptance of the work against faulty or improper materials or workmanship that may be discovered during that time.

No right of action shall accrue under this bond to or for the use of any person other than the Obligee named herein.

Dated: _____, 20_____.

Correspondence or Claims relating to this bond should be sent to the Surety at the following address:

PRINCIPAL

SURETY

ATTORNEY-IN-FACT

NOTE: Signatures of those executing for the Principal and the Surety must be properly acknowledged, and a Power of Attorney attached for the Surety.

NOTARY ACKNOWLEDGMENTS ATTACHED

PRINCIPAL

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, _____,
(here insert name and title of the officer)

personally appeared _____

_____ ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Seal)

SURETY

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, _____,
(here insert name and title of the officer)

personally appeared _____

_____ ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Seal)

2022 Withholding Exemption Certificate**590****The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.****Withholding Agent Information**

Name _____

Payee InformationName _____ SSN or ITIN FEIN CA Corp no. CA SOS file no.

Address (apt./ste., room, PO box, or PMB no.) _____

City (If you have a foreign address, see instructions.) _____

State _____ ZIP code _____

Exemption Reason**Check only one box.**

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

 Individuals — Certification of Residency:

I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

 Corporations:

The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

 Partnerships or Limited Liability Companies (LLCs):

The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

 Tax-Exempt Entities:

The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 _____ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

 Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:

The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

 California Trusts:

At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

 Estates — Certification of Residency of Deceased Person:

I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

 Nonmilitary Spouse of a Military Servicemember:

I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.Our privacy notice can be found in annual tax booklets or online. Go to ftb.ca.gov/privacy to learn about our privacy policy statement, or go to ftb.ca.gov/forms and search for **1131** to locate FTB 1131 EN-SP, Franchise Tax Board Privacy Notice on Collection. To request this notice by mail, call 800.338.0505 and enter form code **948** when instructed.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title _____ Telephone _____

Payee's signature ► _____ Date _____



County of El Dorado

OFFICE OF AUDITOR-CONTROLLER

360 FAIR LANE
 PLACERVILLE, CALIFORNIA 95667
 Phone: (530) 621-5487 FAX: (530) 295-2535

JOE HARN, CPA
 Auditor-Controller

BOB TOSCANO
 Assistant Auditor-Controller

PAYEE DATA RECORD

(Required in lieu of IRS W-9 when receiving payment from the County of El Dorado) Version: April 2014

PAYEE DATA RECORD	INSTRUCTIONS: Complete all information on this form. Sign, date, and return to the address shown at the bottom of this page. Prompt return of the fully completed form will prevent delays in processing payments. Information provided in this form will be used by the County of El Dorado to prepare Information Returns (Forms 1099), for withholding on payments to nonresident payees, and for reporting to the Employment Development Department (EDD).										
	Name (as shown on your income tax return)										
	Business name/Doing business as/Disregarded entity name, if different from above										
	Physical address (number, street, and apt. or suite)						Remittance address (if different than physical)				
	City, state, zip code						City, state, zip code				
NAME AND ADDRESS	Phone number			Fax number (optional)				Email (optional)			
	Check appropriate federal tax classification										
	<input type="checkbox"/> Individual / sole proprietor <input type="checkbox"/> Partnership <input type="checkbox"/> Trust / estate <input type="checkbox"/> Other (see instructions) ► _____										
	<input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation If you are a corporation, do you provide legal or medical services? <input type="checkbox"/> Yes <input type="checkbox"/> No										
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C Corporation, S=S Corporation, P=Partnership) _____										
FEDERAL TAX CLASSIFICATION & EXEMPTIONS	NOTE: IF YOU ARE A SINGLE MEMBER LLC (DISREGARDED ENTITY), ENTER THE TAX CLASSIFICATION OF THE OWNER IDENTIFIED ON THE NAME LINE.										
	Exempt payee code (if any) – see instructions _____				Exemption from FATCA reporting code (if any) – see instructions _____						
TAX IDENTIFICATION NUMBER	Tax identification number (TIN)										
	Enter your TIN in the appropriate box. If you are an individual or sole proprietor, you must enter your SSN. You may choose to provide your EIN in addition to, but not instead of, the SSN. Single member LLCs (disregarded entities) must enter the TIN of the owner identified on the Name line.						Social Security Number				
							Employer Identification Number				
RESIDENCY STATUS	Check appropriate box for residency status										
	<input type="checkbox"/> California resident / exempt from nonresident withholding – qualified to do business in California or maintains a permanent place of business in California (attach CA Form 590)										
	<input type="checkbox"/> California nonresident (see instructions)										
	NOTE: Payments to California nonresidents for services performed in California and for certain rents derived from properties located in California that exceed \$1,500 in a calendar year will be subject to 7% nonresident withholding unless you have obtained a waiver or have been approved for reduced withholding by the Franchise Tax Board. There is no withholding on payments for product and for services performed outside of California.										
<input type="checkbox"/> Obtained Franchise Tax Board waiver of State withholding (attach a copy if applicable)											
<input type="checkbox"/> Obtained Franchise Tax Board approval for reduced withholding (attach a copy if applicable)											
California sales tax permit number											
(required only for California nonresident vendors that charge California sales tax)											
CERTIFICATION	Under penalties of perjury, I certify that:										
	1) the TIN shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me) and 2) I am not subject to backup withholding and 3) I am a U.S. citizen or other U.S. person and 4) the FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.										
	Authorized Payee Representative's Name (Type or Print)						Title				
	Signature			Date			Telephone				
Should my residency status or any other information provided above change, I will promptly notify County of El Dorado at the address listed above.											
RETURN FORM TO	Please return completed form to:										
	Department/office:										
	Mailing address:										
	Phone:		Fax:		Email:						

COUNTY OF EL DORADO, PAYEE DATA RECORD (REVERSE)

<p>PAYEE DATA RECORD</p>	<p>A completed Payee Data Record is required for payments to all entities and will be kept on file at the County of El Dorado Auditor-Controller's Office. Payees who do not wish to complete the Payee Data Record may elect to not do business with the County of El Dorado. If the payee does not complete the form and the required payee data is not otherwise provided, payment may be reduced for federal backup withholding, California backup withholding and California nonresident withholding.</p>
<p>FEDERAL TAX CLASSIFICATION</p>	<p>Check the applicable federal tax classification. Note that if an LLC is disregarded as an entity separate from its owner, enter the appropriate tax classification of the owner identified on the "Name" line.</p> <p>Individual: Enter the name shown on your income tax return. If the account is in joint names, list first, and then circle, the name of the person or entity whose SSN you entered on the form.</p> <p>Sole proprietor: Enter your individual name as shown on your income tax return on the "Name" line. You may enter your business, trade, or "doing business as" name on the "Business name/Doing business as/Disregarded entity name" line.</p> <p>Partnership, C Corporation, or S Corporation: Enter the entity's name on the "Name" line and any business, trade, or "doing business as" name on the "Business name/Doing business as/Disregarded entity name" line.</p> <p>Disregarded entity: Enter the owner's name on the "Name" line. The name of the entity entered on the "Name" line should never be a disregarded entity. The name on the "Name" line must be the name shown on the income tax return on which the income should be reported. Check the appropriate box for the U.S. federal tax classification of the person whose name is entered on the "Name" line (individual/sole proprietor, partnership, C corporation, S corporation, trust/estate).</p> <p>Limited liability company (LLC): If the person identified on the "Name" line is an LLC, check the "Limited Liability Company" box only and enter the appropriate code for the U.S. federal tax classification.</p> <p>Other entities: Enter your business name as shown on required U.S. federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade or DBA name on the "Business name/Doing business as/Disregarded entity name" line.</p>
<p>EXEMPTIONS</p>	<p>Exemptions: If you are exempt from backup withholding and/or FATCA reporting, enter in the exemptions box any code(s) that may apply to you. Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends. Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions. The following codes identify payees that are exempt from backup withholding: 1 – an organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2); 2 – The United States or any of its agencies or instrumentalities; 3 – A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities; 4 – A foreign government or any of its political subdivisions, agencies, or instrumentalities; 5 – A corporation; 6 – A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States; 7 – A futures commission merchant registered with the Commodity Futures Trading Commission; 8 – A real estate investment fund; 9 – An entity registered at all times during the tax year under the Investment Company Act of 1940; 10 – A common trust fund operated by a bank under section 584(a); 11 – A financial institution; 12 – A middleman known in the investment community as a nominee or custodian; 13 – A trust exempt from tax under section 664 or described in section 4947.</p> <p>Exemption from FATCA reporting. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37); B—The United States or any of its agencies or instrumentalities; C—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities; D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Reg. section 1.1472-1(c)(1)(i); E—A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(i); F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state.</p>
<p>TAX IDENTIFICATION NUMBER</p>	<p>Enter your tax identification number (TIN) in the appropriate box. If you are a single member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN. The TIN for individuals and sole proprietors is the Social Security Number (SSN). Sole proprietors may provide their EIN in addition to but not instead of a SSN.</p> <p>The County of El Dorado requires that all parties entering into business transactions that may lead to payment(s) from the County provide their Taxpayer Identification Number (TIN). The TIN is also required by the California Revenue and Taxation Code Section 18646 to facilitate tax compliance enforcement activities and the preparation of Form 1099 and other information returns as required by the Internal Revenue Code Section 6109(a).</p>
<p>RESIDENCY STATUS</p>	<p>Are you a California resident or nonresident?</p> <p>A corporation will be defined as a "resident" if it has a permanent place of business in California or is qualified through the Secretary of State to do business in California. A partnership is considered a resident partnership if it has a permanent place of business in California. An estate is a resident if the decedent was a California resident at time of death. A trust is a resident if at least one trustee is a California resident. For individuals and sole proprietors, the term "resident" includes every individual who is in California for other than a temporary or transitory purpose and any individual domiciled in California who is absent for a temporary or transitory purpose. Generally, an individual who comes to California for a purpose that will extend over a long or indefinite period will be considered a resident. However, an individual who comes to perform a particular contract of short duration will be considered a nonresident.</p> <p>Payments to all nonresidents may be subject to withholding. Nonresident payees performing services in California or receiving certain rent, lease, or royalty payments from property (real or personal) located in California will have 7% of their total payments withheld for State income taxes. However, no withholding is required if total payments to the payee are \$1,500 or less for the calendar year or if payment is for product. Nonresidents who have been granted a waiver on payments of California source income from the California Franchise Tax Board must submit a copy of the waiver. For information on Nonresident Withholding, contact the Franchise Tax Board at the numbers listed below:</p> <p style="text-align: center;">Withholding Services and Compliance Section: 1-888-792-4900 E-mail address: wscs.gen@ftb.ca.gov For hearing impaired with TDD, call: 1-800-822-6268 Website: www.ftb.ca.gov</p> <p>California nonresidents charging California sales tax are required to provide their California sales tax number.</p>
<p>CERTIFICATION</p>	<p>Provide the name, title, signature, and telephone number of the authorized individual completing this form. Provide the date the form was completed. NOTE: You must cross out item 2 in the certification block if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return.</p>

CERTIFICATE OF INSURANCE FORM FOR CONTRACTORS, ARCHITECTS AND/OR ENGINEERS

CERTIFICATE ISSUER PHONE ()	DATE EXECUTED: THIS CERTIFICATE DOES NOT AMEND, EXTEND, OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. COMPANIES AFFORDING COVERAGE		
INSURED PHONE ()	COMPANY A LETTER COMPANY B LETTER COMPANY C LETTER COMPANY D LETTER COMPANY E LETTER	COMPANY RATING COMPANY RATING COMPANY RATING COMPANY RATING COMPANY RATING	
PROJECT DESCRIPTION PROJECT TITLE: PROJECT NUMBER: LOCATION:			

THIS IS TO CERTIFY that policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusion and conditions of such policies.

CL	Type of Insurance Coverage	Policy Number	Policy Effective Date	Policy Expiration Date	Limits of Liability (in Thousands)
	GENERAL LIABILITY <input type="checkbox"/> Commercial General Liability <input type="checkbox"/> Occurrence <input type="checkbox"/> Claims Made <input type="checkbox"/> Owner's & Contractor's Protective <input type="checkbox"/> General Aggregate * <input type="checkbox"/> Per Project <input type="checkbox"/> Per Location				GENERAL AGGREGATE \$ PRODUCTS-COMP/OPS AGGREGATE \$ PERSONAL & ADVERTISING INJURY \$ EACH OCCURRENCE \$ FIRE DAMAGE (ANY ONE FIRE) \$ MEDICAL EXPENSES (ANY ONE PERSON) \$ DEDUCTIBLE \$
	ARCHITECT'S AND/OR ENGINEER'S PROFESSIONAL LIABILITY <input type="checkbox"/> Claims Made <input type="checkbox"/> Project				GENERAL AGGREGATE \$ EACH CLAIM \$ DEDUCTIBLE \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> Any Auto <input type="checkbox"/> All Owned Autos <input type="checkbox"/> Scheduled Autos <input type="checkbox"/> Hired Autos <input type="checkbox"/> Non-Owned Autos <input type="checkbox"/> Garage Liability				COMBINED SINGLE LIMIT \$ BODILY INJURY (PER PERSON) \$ BODILY INJURY (PER ACCIDENT) \$ PROPERTY DAMAGE \$ DEDUCTIBLE \$
	EXCESS LIABILITY <input type="checkbox"/> Umbrella Form <input type="checkbox"/> Other Than Umbrella Form				EACH OCCURRENCE \$ AGGREGATE \$
	<input type="checkbox"/> WORKER'S COMPENSATION				-----STATUTORY-----
	EMPLOYER'S LIABILITY				(EACH ACCIDENT) \$ (DISEASE - POLICY LIMIT) \$ (DISEASE - EACH EMPLOYEE) \$
	OTHER <input type="checkbox"/> Installation Floater <input type="checkbox"/> Builder's Risk <input type="checkbox"/>				\$ \$ \$

* The General Aggregate limit, under Limits of Insurance, applies separately to each of the projects away from premises owned by or rented by you.

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS/ADDITIONAL INSURED: The County of El Dorado its officers, officials, employees and volunteers are made additional insured, but only insofar as the operations under this contract are concerned. OTHER ADDITIONAL ISSURED:

CERTIFICATE HOLDER	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR TERMINATED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL GIVE THIRTY (30) DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, IN ADVANCE OF THE EFFECTIVE DATE OF SUCH CANCELLATION OR TERMINATION.
	AUTHORIZED REPRESENTATIVE SIGNATURE, TITLE, TYPED NAME, SSN AND PHONE NUMBER:

**COUNTY OF EL DORADO
PLACERVILLE JAIL PARKING LOT EXPANSION**

BID #23-968-038

CONDITIONS OF THE CONTRACT

ARTICLE 1

GENERAL PROVISIONS

1.1 BASIC DEFINITIONS

- 1.1.1 **County:** The County of El Dorado, a political subdivision of the State of California.
- 1.1.2 **Owner:** The County of El Dorado is the Owner and is identified as the Owner in the Contract and these Contract Conditions. The term Owner, and pronouns in place of the same shall mean the County of El Dorado acting by and through its duly authorized representative.
- 1.1.3 **Owner's Representative:** The Chief Administrative Office, Facilities Division Manager, or designated representative.
- 1.1.4 **Architect:** The person holding a valid California State Architect's license, whose firm has been designated within the Contract Documents as the Architect to provide services on the Project. When the Architect is referred to within the Contract Documents and no Architect has in fact been designated, then the matter shall be referred to the County and shall be interpreted as Owner's Representative.
- 1.1.5 **Project Manager:** Project Manager or such other designated representative of the Owner. The Project Manager has such duties and authority as may be set forth in the Contract Documents.
- 1.1.6 **Contractor:** The person or entity identified as such in the Contract and is referred to throughout the Contract Documents as if singular in number. The term Contractor refers to the Contractor or the Contractor's authorized representative.
- 1.1.7 **Inspector:** The individual designated by the Owner as the Inspector as set forth in Paragraph 2.1.2.
- 1.1.8 **Subcontractor:** Those contractors, of whatever tier, furnishing labor or material, or both, for the Work under the Contract with the Contractor.
- 1.1.9 **Substantial Completion:** The stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Work for its intended use.
- 1.1.10 **Final Acceptance:** Conditions upon which the County will accept Work as satisfactorily completed in accordance with the Contract Documents. Requirements include, but are not limited to:
1. All Systems having been tested and accepted as having met requirements of the Contract Documents.
 2. One (1) PDF format and one (1) hard copy of all as-builts, manufacturer's product data and maintenance manuals having been submitted by the Contractor and reviewed and accepted by the Owner.
 3. All punch list work, as directed by the Owner, having been completed by the Contractor.
 4. Acceptance of the Work by the Owner.

- 1.1.11 **Final Payment:** The Final Payment shall be the only Payment made to Contractor and shall not be considered to be the payment of any or all of the retention.
- 1.1.12 **Architect's Supplemental Instructions/Instruction Bulletins:** A written order of the Architect and reviewed by the Owner's Representative directing the Contractor to provide supplemental instructions, interpretations, or conduct minor changes in work involving neither extra cost nor extra time and being consistent with the scope and functioning of the project, if applicable.
- 1.1.13 **Construction Change Directive:** A written order issued by the Owner directing a change in the Work and stating a proposed basis for adjustment, if any, of Contract Time or Sum. The Owner may by Change Directive, without invalidating the Contract and without Contractor's agreement, order changes in the Work. This procedure will be used in the absence of agreement between Owner and Contractor, for subsequent inclusion in a Change Order.
- 1.1.14 **Change Order:** A Change Directive signed by the Owner and Contractor stating their agreement upon all of the following: 1) a change in the Work, 2) the amount of the adjustment in the Contract Price, if any, and 3) the extent of the adjustment in the Contract Time, if any.
- 1.1.15 **Contract Documents:** The Contract Documents shall include the documents described in Article 2 of the Contract, including Architect's Supplemental Instructions, Construction Change Directives, and Change Orders.
- 1.1.16 **Work:** The construction and services required by the Contract Documents, including all labor, materials, equipment and services provided or to be provided by the Contractor to fulfill the Contractor's obligations.
- 1.1.17 **Project:** The total construction of the Work performed under the Contract Documents.
- 1.1.18 **Plans:** The graphic and pictorial portions of the Contract Documents, wherever located and whenever issued, showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules, and diagrams, specifically the plans and specifications for this Project.
- 1.1.19 **Claim:** A demand or assertion by the Contractor seeking, as a matter of right, adjustment or interpretation of Contract terms, payment of money, extension of time, or other relief with respect to the terms of the Contract. Claims must be made by written notice and shall include a demand for the Owner's decision. The responsibility to substantiate claims and to resolve the claims of subcontractors of whatever tier shall rest with the Contractor.
- 1.1.20 **Work Not Included:** Except for such auxiliary work as shown or specified, or is necessary as part of the construction, the following is NOT included in this contract: Any work shown but marked "Not in Contract" (NIC) or otherwise designated to be done under another contract or by Owner.
- 1.1.21 **Furnish (material):** To supply and deliver to the project ready for installation and in operating condition.
- 1.1.22 **Install (Service or Labor):** To place in final position, complete, anchored, connected, and in operable condition with respect to required codes and/or governing agency requirements.
- 1.1.23 **Provide:** To furnish and install complete. When "Furnish", "Install", or "Provide" is stated, "Provide" is implied.
- 1.1.24 **Construct:** To "Furnish" materials to "Install" in final position, complete, anchored, and connected with respect to required codes, requirements, Contract Documents, and details.
- 1.1.25 **Day(s):** All references to "day" or "days" in these Contract Documents shall be defined as calendar-day or calendar-days.
- 1.1.26 **Normal Working Hours:** Includes the hours from 6:00 a.m. to 6:00 p.m. Monday through Friday, except for County holidays.

1.1.27 Contract: The Agreement for Construction Services between Contractor and Owner.

1.2 CONTRACT DOCUMENTS

1.2.1 One Document: The Contract Documents are one document and any work shown or mentioned shall be performed or furnished. The Contractor admits and agrees that the Contract Documents exhibit the intent and purpose of the Owner in regard to the Work, and that they are not complete in every detail and are to be considered as showing the purpose and intent only; and Contractor further agrees to furnish all labor or material for any detail that is necessary to carry out the intent and purpose of the Specifications without extra charge.

1.2.2 Misuse of Words or Punctuation: The misplacement, addition, or omission of any word, letter, or punctuation mark will not in any way change the intent or meaning of the Contract Documents. Any part of the Work, or any article pertaining thereto which is not specifically set forth in these Contract Documents, but which is necessary for the proper completion of the Work, is to be supplied and set in place at the Contractor's expense, the same as if it had been mentioned in these Contract Documents. The Contractor shall furnish all things necessary to make a good and workmanlike job in accordance with the intent and purpose of the Contract Documents.

1.3 ASSIGNMENT OF CONTRACT

1.3.1 Mutual Consent: Neither party to the Contract shall assign the Contract without the written consent of the other party, nor shall the Contractor assign any moneys due or to become due to him hereunder without the written consent of the Owner.

1.3.2 Assignment Under Anti-Trust Claims: In accordance with Government Code section 4552 and Public Contract Code section, Contractor and subcontractors shall conform to the following requirements:

1. In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, Contractor or subcontractors offers and agrees to assign to the Owner all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C Section 15) or under the Cartwright Act, (Business and Professions Code section 16700, et seq.), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the Owner tenders Final Payment to the Contractor, without further acknowledgment by the parties.
2. If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under Government Code sections 4550-4554, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under Government Code sections 4550-4554 if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action.

1.4 WAIVER OF "COMMON PRACTICE"

1.4.1 The Contractor shall waive "common practice" and "common usage" as construction criteria wherever the Contract Documents details, plans, technical specifications, governing codes, or ordinances require greater quantity or better quality than common practice or common usage would require.

1.5 EXCESSIVE COSTS

1.5.1 Failure to Comply with Contract: If Contractor fails to comply with any Contract requirements, including any required coordination with other contractors, and that failure results in additional costs to Owner, then Contractor shall be liable for such additional costs.

1.5.2 Construction Methods: If Contractor's construction methods and techniques result in additional costs to Owner, after notice, such Contractor shall be responsible for cost attributable to his methods and techniques.

ARTICLE 2

OWNER

2.1 OWNER'S REPRESENTATIVE

2.1.1 Owner Representative: The Owner will be represented by the Owner's Representative who shall oversee the performance of the Contract on behalf of the Owner.

2.1.2 Owner May Appoint Inspector: Owner shall be entitled to appoint an agent as Inspector who shall see that the performance of the Work is in strict accordance with the Contract Documents on behalf of the Owner.

2.1.3 Communication: In order that the Owner may act upon expert advice and upon good procedure, all communications from the Contractor shall be in writing and will be through said Owner's Representative or Inspector, as the Owner may direct, and all communications and instructions from the Owner to the Contractor will be so routed. The Owner reserves the right to alter this procedure without the consent of the Contractor. All communications not in compliance herewith, shall be considered non-binding on the Owner.

2.2 RIGHTS OF OWNER

2.2.1 Right to Clean Up: Subject to the strict prohibition against maintaining a nuisance, if a dispute arises between the Contractor, Subcontractors, or separate contractors as to the responsibility under their respective Contracts for maintaining the premises and surrounding area free from waste materials and rubbish the Owner may, but need not, clean up and allocate the cost among those responsible as the Inspector determines to be just.

2.2.2 Right to Accept Imperfect Work: If any part or portion of the Work completed under this Contract is defective and not in accordance with the Plans or Contract Documents, and if the imperfection is judged by Owner to be not of sufficient magnitude or importance so as to make the Work unacceptable, then Owner shall have the right and authority to retain such Work but will make such deductions in Contract Price as may be equitable and reasonable. However, Owner does not by this section; waive any other rights provided for herein.

2.2.3 Right to do Adjacent Work: The Owner reserves the right to perform construction or operations on the site of the Work. In doing this Owner may use its own forces or award separate contracts in connection with other construction or operations on the site but not covered by the Contract Documents. Contractor shall defend, indemnify, and hold Owner harmless for costs incurred by Owner that are payable to a separate contractor because of delays, improperly timed activities, or defective construction by the Contractor, unless such costs are incurred due to the sole or active negligence of Owner.

2.2.4 Right to Finish Contractor's Work: If the Contractor defaults or neglects to carry out all or any part of the Work in accordance with the Contract Documents, the Owner has the right, exercisable solely at Owner's discretion, to commence and continue completion of the Work with diligence and promptness. In such an event, if the Owner's cost to complete to Work exceeds the remaining balance of the Contract with the Contractor, Contractor shall reimburse the Owner for such excess costs.

2.2.5 **Right of Partial Use of Project:** The Owner may occupy or use any completed or partially completed portion of the Work at any stage, upon agreement of Owner and Contractor.

1. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the Owner and Contractor have accepted in writing the responsibilities assigned to each of them for payments, retainage if any, security, maintenance, heat, utilities, damage to work and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents.
2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld.
3. Immediately prior to such partial occupancy or use, the Owner and Contractor shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.
4. Unless otherwise agreed upon in writing, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of work not complying with the requirements of the Contract Documents.
5. No claim for acceleration, delay, or hindrance, may be made by Contractor on his own behalf or that of any of his subcontractors, for any delays, accelerations, or hindrances that may arise out of Owner's partial occupancy of the Project.

2.2.6 **Right to Audit:** Contractor shall maintain and make available to the County, State Auditor, or to any of their duly authorized representatives all books, papers, job cost records, detailed cost estimates, claims, and accounts, including payment, property, payroll, personnel, subcontractor records, and financial records related to or which arise out of the Work or under terms of this Contract. Contractor shall maintain such books, records, data and documents in accordance with generally accepted accounting principles and in accordance with these Contract Conditions and federal and state requirements. These books, papers, records, claims, and accounts shall be made available for examination during normal business hours and shall be readily available and accessible at Contractor's principal place of business in California, for audit during normal business hours at such place of business. Contractor shall provide office space, photocopies and other assistance to enable audit or inspection representatives to conduct such audits or inspections. This right to audit books and records directly related to this Contract shall also extend to any first-tier subcontractors employed under this Contract. Contractor shall incorporate this provision in any subcontract entered into as a result of this Contract and shall require its subcontractors to agree to cooperate with the above-listed agencies by making all appropriate and relevant Project records available to those agencies for audit and copying.

All of Contractor's books, papers, job cost records, detailed cost estimates, claims, and accounts, including payment, property, payroll, personnel, subcontractor records, and financial records related to or which arise out of the work or under terms of this Contract shall be retained for access, inspection and/or audit by the County, the State Auditor, or their duly authorized representatives for at least three (3) years after County's final payment to Contractor and/or the final resolution of any claims under this Contract. Contractor shall incorporate this provision in any subcontract entered into as a result of this Contract.

2.3 RESPONSIBILITIES OF OWNER

2.3.1 **Removal, Relocation, or Protection of Underground Infrastructure:** If the Contractor while performing the contract discovers utility facilities not identified by the Owner in the contract plans or specifications, Contractor shall immediately notify the Owner in writing. Owner shall have the sole discretion to perform the repairs or relocation work itself, or to permit the Contractor to do such repairs or relocation work at a reasonable price. In the event that the Owner authorizes the Contractor to perform the work, the parties shall proceed with a written Change Order as set forth in Article 5 herein. Compensation to the Contractor for said costs shall be in accordance with Government Code section 4215.

Nothing herein shall be construed to require the Owner to locate the presence of any existing services not expressly included in Government Code section 4215, nor to limit the Owner's rights or remedies set forth therein.

In accordance with the provisions of Government Code section 4215, Contractor shall not be assessed liquidated damages for delay in completion of the project, when such delay was caused by the failure of the Owner or owner of the utility to provide for the removal or relocation of such utility facilities.

ARTICLE 3

CONTRACTOR'S RESPONSIBILITIES

3.1 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS

3.1.1 Reporting Errors in Contract Documents: The Contractor shall carefully study and compare the Contract Documents with each other and shall at once report to the Inspector errors, inconsistencies, or omissions discovered. If the Contractor performs any construction activity knowing it involves a recognized error, inconsistency, or omission in the Contract Documents without such notice to the Owner, the Contractor shall assume responsibility for such performance and shall bear all costs for correction.

3.1.2 Reporting Errors in Field Conditions: The Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Errors, inconsistencies, or omissions discovered shall be reported to the Owner at once.

3.1.3 No Implied Warranty: No warranty is to be implied nor shall any warranty arise by operation of law, or by interpretation of this Contract, that the Plans and Contract Documents are adequate and sufficient to construct the Project.

3.2 SUPERVISION AND CONSTRUCTION PROCEDURES

3.2.1 Supervision of Work: The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work under the Contract, unless Contract Documents give other specific instructions concerning these matters.

3.2.2 Acts of Employees and Agents: The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, subcontractors and their agents and employees, and other persons performing portions of the Work under a contract with the Contractor.

3.2.3 Acts Do Not Waive Contractor's Obligation: The Contractor shall not be relieved of obligations to perform the Work in strict accordance with the Contract Documents either by activities or duties of the Owner's Representative or the Inspector in the administration of the Contract, or by tests, inspections, or approvals required or performed by persons other than the Contractor.

3.3 PROSECUTION OF WORK

3.3.1 Time of the Essence: It is expressly understood and agreed that the time of beginning, rate of progress, and time of completion of the Work are of the essence. The time for substantial completion of this contract shall be **sixty (60) calendar days**, commencing from the date shown on the Contractor Notice to Proceed. No work shall begin prior to the issuance of a Contractor Notice to Proceed.

3.3.2 Owner and Contractor recognize that time is of the essence of the Agreement and that Owner will suffer financial loss if the Work is not completed within the times specified, plus any extensions thereof. They also

recognize the delays, expense, and difficulties involved with proving in a legal proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that Contractor shall pay Owner the sum of **Five Hundred Dollars (\$500) per day**, as liquidated damages and not as a penalty, for each and every calendar day's delay in finishing the Work in excess of the contract time prescribed herein.

3.3.3 Work During Operational Hours: The Facility will be operational during the Work. The Contractor shall not interfere or hinder government center operations. The Contractor shall keep all equipment and materials within designated work areas and out of hallways and doorways. Emergency exit routes shall be maintained at all times.

3.3.4 Construction Schedule: The Contractor shall coordinate the final critical path method (CPM) construction schedule with the Owner. The CPM schedule is required to be submitted within five (5) calendar days of issuance of Notice to Proceed. The CPM schedule will be for Owner's information only. Silence or inaction with regard to Contractor's schedule shall not be construed as acquiescence or acceptance of the schedule as being binding on Owner. Contractor's schedule shall provide for the completion date not to exceed nor shall it provide for the completion date earlier than the time limits for completion set forth in the Contract Documents. Float, whether for the entire Project or for specific tasks therein, shall be deemed to be for the benefit of the Owner. The Contractor shall keep the construction schedule current, and shall submit weekly updates to the Owner's Representative and Inspector, if any. The Contractor shall further prepare and keep current a schedule of submittals which is coordinated with the construction schedule, and which allows the Owner reasonable time to review the submittals.

3.4 SUBMITTALS

3.4.1 Use of Listed Manufacturers; Review of "Or Equals": Contractor shall utilize only the manufacturer designated in its Proposal for major equipment items listed therein. In accordance with the provisions of Public Contract Code section 3400, but subject to subsection (b) thereof, if requesting approval of an "or equal" product, Contractor shall within two (2) business days following the bid opening submit data substantiating its request. Failure to submit such substantiating data within two (2) business days following the bid opening shall constitute submission of a non-responsive bid.

3.5 STATE AND FEDERAL LABOR REQUIREMENTS

3.5.1 Hours of Work:

1. Eight (8) hours of labor shall constitute a legal day's work upon all work done hereunder, and it is expressly stipulated that no workman employed at any time by the Contractor, or by any subcontractor under this Contract, upon the Work, shall be required or permitted to work thereon more than eight (8) hours in any one (1) calendar day and/or more than forty (40) hours in any one (1) calendar week except as provided in Labor Code section 1815, and it is further expressly stipulated that for each and every violation of said last named stipulation, said Contractor shall forfeit, as penalty to the said Owner, \$25.00 for each workman employed in the execution of this Contract, or by any subcontractor under this Contract, for each calendar day during which said workman is required or permitted to labor more than eight (8) hours in any one (1) calendar day or more than forty (40) hours in any one (1) calendar week in violation of the provisions of said Labor Code.
2. In accordance with the provisions of Labor Code section 1776, the Contractor, and each subcontractor, shall also keep an accurate record showing the names and actual hours worked for all workers employed by him in connection with the Work contemplated by the Agreement, which record shall be open at all reasonable hours to the inspection of the Owner or its officers or agents, and to the Chief of the Division of Labor Statistics and Law Enforcement or the Department of Industrial Relations, his deputies or agents.

3.5.2 Apprentice Employment:

1. Pursuant to the provisions of Labor Code section 1777.5, the Contractor or subcontractor employing tradesmen in any apprenticeable occupation shall apply to the joint apprenticeship committee nearest the site of the public works project and which administers the apprenticeship program in that trade for a Certificate of Approval. The certificate will also fix the ratio of apprentices to journeymen that will be used in the performance of the Contract. All requirements and exceptions to those requirements set forth herein for Apprenticeship Employment are contained in Labor Code section 1777.5 and are available from the applicable Joint Apprenticeship Committee.
2. The Contractor shall make contributions to funds established for the administration of the apprenticeship programs if he employs registered apprentices or journeymen in any apprenticeable trade on such contracts and if other contractors on the public works site are making such contributions.
3. The Contractor and any subcontractor under him shall comply with the requirements of Labor Code sections 1777.5 and 1777.6 in the employment of apprentices. Information relative to apprenticeship standards, wage schedules, and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

3.5.3 Wage Rates:

1. Pursuant to Labor Code section 1770 et seq., each laborer or mechanic of Contractor or any subcontractor engaged in work on the Project under this Contract shall be paid not less than the hourly wage rate of per diem wages set forth in the prevailing wage rate schedule published by the Director of Industrial Relations regardless of any contractual relationship which may be alleged to exist between Contractor or any subcontractor and such laborers and mechanics.
2. Any laborer or mechanic employed to perform work on the Project under this Contract, which work is not covered by any of the foregoing classifications, shall be paid not less than the prevailing rate of per diem wages specified herein for the classification which most nearly corresponds to the work to be performed by him.
3. The foregoing specified prevailing wage rates are minimum rates only, and the Contractor may pay any wage rate in excess of the applicable rate contained in this Contract.
4. Pursuant to Labor Code section 1775, the Contractor as a penalty to the Owner shall forfeit \$50.00 for each calendar day, or portion thereof for each worker paid less than prevailing rate established by the Department of Industrial Relations for such work or craft in which such worker is employed. The difference between such prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which the worker was paid less than the prevailing wage rate shall be paid to each worker by the Contractor.
5. An error on the part of an awarding body does not relieve the Contractor from responsibility for payment of the prevailing rate of per diem wages and penalties pursuant to Labor Code sections 1770 - 1775.
6. All Contractors and subcontractors are subject to the provisions of Labor Code sections 1810-1814 which provide that the maximum hours a worker is to be employed is limited to eight (8) hours a day and forty (40) hours a week and the Contractor or subcontractor shall forfeit, as a penalty, \$25.00 for each worker employed in the execution of the Contract for each calendar day during which a worker is required or permitted to labor more than eight (8) hours in any calendar day or more than forty (40) hours in any calendar week and is not paid overtime.
7. Labor Code section 1815 requires that notwithstanding the provisions of sections 1810-1814, employees of Contractors who work in excess of eight (8) hours per day and forty (40) hours per week shall be compensated for all hours worked in excess of eight (8) hours per day at not less than 1-1/2 times the basic rate of pay.

8. In the case of federally funded projects, where federal and state prevailing wage requirements apply, compliance with both is required. This project is funded in whole or part by federal funds. Contractor's attention is directed to the requirements of, and compliance with the Copeland Act (18 U.S.C. 874 and 29 CFR Part 3), the Davis-Bacon Act (40 U.S.C. 276a to 276a-7 and 29 CFR Part 5), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330 and 29 CFR Part 5).
9. If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor, Contractor and subcontractors shall pay not less than the higher wage rate. The Department will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by Contractor and subcontractors, Contractor and subcontractors shall pay not less than the federal minimum wage rate which most closely approximates the duties of the employees in question.
10. Interested parties can obtain the current wage information by submitting requests to the Department of Industrial Relations, Division of Labor Statistics and Research, PO Box 420603, San Francisco CA 94142-0603, Telephone (415) 703-4708 or by referring to the website at <http://www.dir.ca.gov/dlsr/PWD>. The rates at the time of the bid advertisement date of a project will remain in effect for the life of the project in accordance with the California Code of Regulations, as modified and effective January 27, 1997.
11. Copies of the applicable state prevailing wage rates are on file with the County of El Dorado, Chief Administrative Office, Facilities Division, 3000 Fairlane Court, Placerville, CA 95667, and they are available to any interested party on request.

3.5.4 Certified Payroll: As required under the provisions of Labor Code section 1776 Contractor and subcontractors shall keep accurate payroll records:

1. The payroll records shall show the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee by him or her in connection with the Project.
2. A certified copy of all payroll records enumerated above shall be available for inspection at all reasonable hours at the principal office of the Contractor as follows:
 - a. Make available or furnish to the employee or his or her authorized representative on request.
 - b. Make available for inspection or furnished upon request to a representative of the Owner, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations.
 - c. Make available upon request by the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the Owner, the Division of Labor Standards Enforcement, or the Division of Apprenticeship Standards. The requesting party shall, prior to being provided the records, reimburse the costs of preparation by the Contractor, subcontractor, and the entity through which the request was made. The public shall not be given access to the records at the principal office of the Contractor.

3.5.5 Discrimination In Employment: No discrimination shall occur in the employment of persons upon the Work because of race, color, sex, national origin, or ancestry or religion of such persons.

3.5.6 Convict-Made Materials: Except as may be provided by law, the Contractor agrees that no materials manufactured or produced in a penal or correctional institution shall be incorporated in the construction under this Contract.

3.6 TAXES

3.6.1 Contractor Pays Taxes: The Contractor and subcontractors shall pay all local, state, and federal taxes upon labor or materials involved in their branch of the Work, cost of same to be included in the Contract price.

3.7 COMPLIANCE WITH LAW AND LOCAL REQUIREMENTS

3.7.1 Regulations: The Contractor and all subcontractors shall conform to and abide by all city, county, and state laws, ordinances, rules, and regulations, as the same pertain to the Work contemplated by said Plans and Contract Documents.

3.7.2 Permits, Licenses, and Fees: The County shall procure and pay for all permits and inspection fees that may be required to commence, carry on, and complete the Contract. Contractor shall be responsible for all applicable license fees.

3.7.3 Patent Rights, Copyrights, Trade Names, and Royalties: The Contractor shall indemnify and save harmless the Owner and all persons acting under him for all liability on account of any patent rights, copyrights, or trade names which may affect the articles or materials or their application under the Contract Documents. The Contractor shall pay all royalties, or other charges that may arise, due to methods, types of construction, processes, materials or use of equipment, and shall hold the Owner harmless from any charges whatsoever which may arise, and shall furnish written assurance, satisfactory to the Owner, that such charges have been paid.

3.8 GUARANTEE

3.8.1 Final Guarantee: The Contractor shall guarantee all materials and equipment furnished and work performed for a period of one (1) year. Contractor warrants and guarantees for a period of one year from the date of the Notice of Acceptance that the Work is free from all defects due to faulty materials or workmanship and Contractor shall promptly make such corrections as may be necessary, including repairs of any damage to other parts of the Work resulting from such defects. Owner will give notice of observed defects with reasonable promptness. In the event that Contractor should fail to make such repairs, adjustments, or other work that may be made necessary by such defects within ten (10) calendar days after being notified in writing by Owner, Owner may do so and charge Contractor the cost thereby incurred.

3.8.2 Extended Guarantees: If a guaranty exceeding one year is provided by the supplier or manufacturer of any equipment used in this Project, then the guarantee for such materials shall be extended for such term. Contractor expressly agrees to act as co-guarantor of such equipment and materials, and Contractor shall supply Owner with all warranty and guaranty documents relative to equipment and materials incorporated in the job and guaranteed by their suppliers or manufacturers.

3.9 WARRANTY

3.9.1 Contract Warranty: The Contractor warrants to the Owner that materials and equipment furnished under the Contract will be of good quality and new, unless otherwise required or permitted by the Contract, that the Work will be free from defects or flaws and is of the highest quality of workmanship and that the Work will conform with the requirements of the Contract. Work not conforming to these requirements, including substitutions not properly approved and authorized, shall be considered defective.

3.10 INDEMNIFICATION

3.10.1 Owner Not Liable for Damages: The Owner or its authorized representative shall not in any way or manner be answerable or suffer loss, damage, expense, or liability for any loss or damage that may happen to said Work, or part thereof, or in or about the same during its construction and before acceptance and the said

Contractor shall assume all liabilities of every kind or nature arising from said Work, either by accident, negligence, theft, vandalism, or any cause whatever; and shall hold the Owner and its authorized representatives harmless from all liability of every kind and nature arising from accident, negligence, or any cause whatever, other than for the active negligence of the Owner, its officers, agents and employees.

3.10.2 **Owner Not Liable for Debts:** Indebtedness incurred for any cause in connection with this Work must be paid by the Contractor, and the Owner is hereby relieved at all times from any indebtedness or claim other than the Contract price.

3.10.3 **Indemnity:** To the fullest extent allowed by law, Contractor shall defend, indemnify, and hold the County and its officers, directors, and employees, harmless against and from any and all claims, suits, losses, damages, and liability for damages, including attorney's fees and other costs of defense brought for or on account of injuries to or death of any person, including but not limited to, workers and the public, or on account of injuries to or death of County employees or damage to property, or any economic, consequential or special damages which are claimed or which shall in any way arise out of or be connected with Contractor's services, operations or performance hereunder, regardless of the existence or degree of fault or negligence on the part of the County, the Contractor, subcontractors or employees of any of these, except for the active, or sole negligence of the County its officers and employees, or where expressly prescribed by statute.

The duty to indemnify and hold harmless the County specifically includes the duties to defend set forth in Civil Code section 2778 of the Civil Code. The insurance obligations of Contractor are separate, independent obligations under the Contract Documents, and the provisions of this defense and indemnity are not intended to modify nor should they be construed as modifying or in any way limiting the insurance obligations set forth in the Contract Documents.

Nothing herein shall be construed to seek indemnity in excess of that permitted by Civil Code section 2782, et seq. In the event any portion of this Article is found invalid, the Parties agree that this Article shall survive and be interpreted consistent with the provisions of Civil Code section 2782, et seq.

3.10.4 **Environmental Indemnification:** To the fullest extent allowed by law, from and after recording of the Notice of Acceptance, Contractor shall indemnify, defend, and save harmless Owner from all losses or damages resulting from injury to or death of any person and damage to property, and any fine, which is occasioned by or arises out of any breach of Environmental and Toxics Warranty, representations, or covenants of Contractor under this Contract. Contractor further agrees to indemnify and hold harmless Owner, its officers, employees, and agents, from and against any and all liability as follows:

1. Including all foreseeable and all unforeseeable consequential damages, directly or indirectly arising out of the use, generation, storage, or disposal of hazardous materials in any location by Contractor, and
2. Including, without limitation, the cost of any required or necessary repair, cleanup, or detoxification and the preparation of any closure or other required plans, whether such action is required or necessary prior to or following filing of the Notice of Acceptance to the full extent that such action is attributable, directly or indirectly, to the presence or use, generation, storage, release, threatened release, or disposal of hazardous materials by any person on the Project prior to filing of the Notice of Acceptance. Contractor's obligations pursuant to the foregoing indemnity shall survive the filing of the Notice of Acceptance of the Project.
3. This agreement as to indemnity and reimbursement as above set forth to be undertaken by the Contractor shall survive the performance of the remainder of said Contract and shall remain in full force and effect notwithstanding such performance.
4. The foregoing duties of indemnity shall not apply to loss, damage, expense, or liability caused solely by the active negligence of the Owner or the Owner's agents, servants or independent contractors.

3.11 WORK REQUIREMENTS

3.11.1 Conduct of Work: The Contractor shall confine the storage of his equipment and materials to limits as designated. He shall at all times exercise due caution and provide all necessary barricades and other safety equipment around the Work to protect the general public from injury to person and property during the entire time of performance of the Work. The Contractor shall not create excessive dust or noise.

3.11.2 Maintenance of Site: Strict prohibition against committing nuisances in or about the Work shall be maintained, and the Contractor shall not in any way obstruct or interfere with movements of traffic on any public right of way without first obtaining the necessary approval of the proper public agency.

3.11.3 Clean Up of Site: The Contractor shall keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by operations under the Contract. At completion of the Work the Contractor shall remove from and about the Project waste materials, rubbish, the Contractor's tools, construction equipment, machinery, and surplus materials. If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and the cost thereof shall be charged to the Contractor.

3.11.4 Cutting and Patching:

1. The Contractor shall be responsible for cutting, fitting, or patching required to complete the Work or to make its parts fit together properly.
2. The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the Owner or separate contractors by cutting, patching, or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter such construction by the Owner or a separate contractor except with written consent of the Owner and of such separate contractor; such consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold from the Owner or a separate contractor the Contractor's consent to cutting or otherwise altering the Work.

3.12 SUBCONTRACTORS

3.12.1 Contractor Responsible for Subcontractor's Acts: Contractor shall be fully responsible to Owner for the acts and omissions of his subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

3.12.2 Contractor's Subcontract: Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind subcontractors to Contractor by the terms of the Contract Documents insofar as applicable to the Work of subcontractors and to give Contractor the same power as regards terminating any subcontract that Owner may exercise over Contractor under any provisions of the Contract Documents. The percentage of retention withheld from any subcontractor by the Contractor shall not exceed the percentage of retention withheld from the Contractor as provided herein.

3.12.3 Ineligible Subcontractor: Contractor is prohibited from performing work with a subcontractor who is ineligible to perform work pursuant to Labor Code section 1777.1 or 1777.7.

3.13 SUPERINTENDENT

3.13.1 Work Superintendent: The Contractor will employ and maintain on the worksite a qualified supervisor or Superintendent who shall have been designated in writing by the Contractor as the Contractor's representative at the sites. The Superintendent shall have full authority to act on behalf of the Contractor, and all communications given to the Superintendent shall be as binding as if given to the Contractor. The Superintendent shall be present on the site at all times as required to perform adequate supervision and coordination of the Work.

3.14 LABOR AND MATERIALS

3.14.1 Skilled Labor: All labor must be especially skilled for each kind of work, and must be thorough and first class in all respects. Any person whom the Inspector or Owner may deem incompetent or disorderly shall be promptly discharged from the Project and not re-employed.

3.14.2 Quality of Materials: All materials used on this Contract shall be new and the best market quality, unless specified or shown otherwise. All Work executed under this Contract shall be done in the best, most thorough, substantial and workmanlike manner and without flaws. All materials and labor shall be subject to the approval of the Inspector as to its quality and fitness, and shall be immediately removed if it does not meet with his approval. The Inspector may refuse to issue the Certificate for Payment until all defective materials or work have been removed and other material of proper quality substituted therefore. All removal and replacement with same shall be done at the Contractor's expense. Manufactured articles, materials, and equipment shall be applied, installed, connected, erected, used, cleaned, and conditioned as directed by the manufacturer.

ARTICLE 4

ADMINISTRATION OF CONTRACT

4.1 ADMINISTRATION OF CONTRACT

4.1.1 Contract Communications: Unless otherwise provided in the Contract or when direct communications have specifically been authorized, all parties shall communicate through the Owner's Representative or the Inspector if the Owner so directs. Communications by and with the subcontractors and material suppliers shall be through the Contractor. Communications by Contractor to separate contractors, architect, or County employees shall be through the Owner's Representative or Project Manager.

4.1.2 Control of Work: The Owner's Representative or the Inspector will not have control over or charge of and will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, since these are solely the Contractor's responsibility. The Owner's Representative or the Inspector will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents. The Owner's Representative or the Inspector will not have control over or charge of and will not be responsible for acts or omissions of the Contractor, subcontractors, or their agents or employees, or of any other persons performing portions of the Work.

4.1.3 Recommendation for Payments: Based on his or her observations and evaluations of the Contractor's Applications for Payment, the Owner's Representative will review amounts due the Contractor and will recommend to Owner, payments to Contractor as set forth in the section entitled CERTIFICATION FOR PAYMENTS.

4.1.4 Inspector's Authority: The Inspector will have the authority to stop work whenever necessary to ensure a proper execution of the Work. The Inspector will also have authority to reject Work which does not conform to the Contract Documents. Whenever the Inspector considers it necessary or advisable for implementation of the intent of the Contract Documents, the Inspector will have authority to require additional inspection or testing of the Work in accordance with the following section whether or not such Work is fabricated, installed, or completed. However, neither this authority of the Inspector nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Inspector to the Contractor, subcontractors, material and equipment suppliers, their agents or employees, or other persons performing portions of the Work. In the event an Inspector is not appointed by the Owner, the Owner's Representative shall have the authority set forth herein.

4.2 INSPECTION AND TESTING

- 4.2.1 Advance Notice: Contractor shall provide Owner's Representative seventy-two (72) hours' notice prior to beginning work at a specific location and for a specific department. Contractor shall notify Owner's Representative and Inspector forty-eight (48) hours prior to any day in which Contractor will 1) require an inspection of any portion of the Work, 2) work in excess of eight (8) hours or any time Contractor intends to work weekends, and 3) require shut down of all or any portion of building systems (electrical, plumbing, fire, mechanical, etc.). Any work not performed subject to inspection will not be accepted and will be rejected and/ or ordered removed by Owner, or Inspector.
- 4.2.2 Access to Work: The Owner's Representative, the Architect, the Project Manager, and the Inspector will at all times have access to the Work. In addition, authorized representatives and agents of any participating Federal or State Agency shall be permitted to inspect all Work, materials, payrolls, and records on personnel, invoices of materials, and other relevant data and records. The Contractor will provide proper facilities for such access and observation of the Work and also for any inspection or testing thereof.
- 4.2.3 Costs of Tests: The Owner shall bear all costs related to testing for conformance of the Work to the Contract requirements. However, if the Contractor has called for any testing, and that test fails, subsequent tests, and all related costs, shall be borne by the Contractor.
- 4.2.4 Preparation of Change Directives/Orders: The Owner's Representative or the Inspector, if one is appointed, will prepare Change Orders and Construction Change Directives, and may authorize minor changes in the Work as provided in the section entitled CHANGES IN WORK.

4.3 CLAIMS

- 4.3.1 Concealed or Unforeseen Conditions: It is understood by both parties that Contractor has made a pre- contract investigation of the site. All concealed, unforeseen, or materially differing conditions are the responsibility of the Contractor in the absence of an actual material, intentional misrepresentation by the Owner as to the conditions on the site. Contractor shall give written notice of any conditions encountered at the site which are unforeseen, concealed, or materially different from those set forth in the Plans or Contract Documents, or ordinarily encountered and generally recognized as inherent in the Work. Such written notice shall be given within five (5) calendar days of his discovery of any such facts.
- 4.3.2 Notice of Discovery of Hazardous Waste or Unusual Conditions:
1. The Contractor shall promptly, and before the following conditions are disturbed, notify the Owner in writing, in the event the Contractor encounters any of the following:
 - a. Material that the Contractor believes may be hazardous waste, as defined in Health and Safety Code section 25117 that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.
 - b. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the work of the character provided for in the contract.
 2. The Owner shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the work shall issue a change order under the procedures described herein.
 3. In the event a dispute arises between the Owner and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the work, the Contractor shall not be excused from any scheduled completion date provided for in the contract, but shall proceed with all work to be performed under the

Contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the Contractor and the Owner.

4.3.3 Time Limits on Claims: Claims by Contractor must be made within ten (10) calendar-days after occurrence of the event giving rise to such Claim, except that claims made due to delay or hindrances which Contractor claims was caused by Owner shall be made within five (5) calendar-days after occurrence of the event giving rise to such Claim. Claims must be made by written notice. Failure to make such claim in writing in the time set forth herein shall bar Contractor from recourse for such claim. All claims must be filed on or before the payment date of Final Payment.

4.3.4 Claims for Additional Costs:

1. If Contractor wishes to make a Claim for an increase in the Contract Price, he shall give the Owner written notice thereof within the time set forth in Paragraph 4.3.3. This notice shall be given by the Contractor before proceeding to execute the work, except in an emergency endangering life or property in which case the Contractor shall, as soon as possible, advise Owner of his intent to do the Work.
2. Increases in Contract Price due to Claims shall be calculated based on the Cost Reimbursement method detailed in Paragraph 5.4.1.3.
3. Under no circumstances shall Contractor recover any administrative overhead costs or recover on the basis of any "Home Office" damages formula, "Total Cost" recovery formula, or any other such formula.

4.3.5 Claims for Additional Time:

1. If the Contractor wishes to make Claim for an increase in the Contract Time, written notice as provided herein shall be given. The Contractor's Claim shall include an estimate probable effect of delay on progress of the Work.
2. If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating that weather conditions were abnormal for the period of time and could not have been reasonably anticipated, and that weather conditions had an adverse effect on the scheduled construction.
3. The Owner shall not be liable for any damages on account of any reasonable delay or hindrance of the Owner. However, Contractor shall be entitled to an extension of time for any delay or hindrance caused by the Owner. Any delay or hindrance by Owner which is unreasonable and not within the contemplation of the parties may subject Owner to a claim for damages. Contractor shall make any claims in writing within the time set forth in Paragraph 4.3.3., for any unreasonable delay or hindrance caused by Owner, and specifying the cause thereof as required in paragraph "Submittal of Claims".

4.3.6 Submittal of Claims: Any disputes relating to this Contract, or its breach, which is not disposed of by agreement shall be promptly submitted as a claim to the Owner's Representative who shall issue a written response on the dispute. Claims shall be submitted by the Contractor to the Owner's Representative with adequate supporting data and include a demand for the Owner's Representative's decision. Adequate supporting data shall include, but is not limited to, a statement of the reasons for the asserted entitlement, the certified payroll, invoice for material and equipment rental, and an itemized breakdown of any adjustment sought.

4.3.7 Submission Under Penalty of Perjury: The Contractor shall certify, at the time of submission of a claim, as follows:

"I certify under penalty of perjury under the laws of the State of California, that the claim is made in good faith, that the supporting data are accurate and complete, and that the amount requested accurately reflects the contract adjustment for which the Owner is liable.

By: _____
“(Contractor's signature)”

4.3.8 **Third Party Claims:** Owner will notify Contractor of receipt of any third party claim relating to the contract within five (5) calendar days of receipt of such claim.

4.4 DISPUTE RESOLUTION

4.4.1 **Continue Work During Dispute:** In the event of any dispute between the Owner and the Contractor, the Contractor will not stop Work but will prosecute the work diligently to completion in the manner directed by the Owner, and the dispute shall be resolved as set forth herein after completion of the Work. However, all disputes must be submitted by Contractor in accordance with the subsequent provisions of this section.

4.4.2 **Requirements for Filing a Claim:** For any claim subject to this Article, the following requirements apply: the claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by this contract for the filing of claims.

1. For claims of less than fifty thousand dollars (\$50,000.00), the Owner shall respond in writing to any written claim within forty five (45) days of receipt of the claim, or may request, in writing, within thirty (30) days of receipt of the claims or relating to defenses or claims the Owner may have against the Contractor, any additional documentation supporting the claim or relating to defenses to the claim the Owner may have against the Contractor.

If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the Owner and the Contractor.

The Owner's written response to the claim, as further documented, shall be submitted to the Contractor within fifteen (15) days after receipt of the further documentation or within a period of time not greater than that taken by the Contractor in producing the additional information, whichever is greater.

2. For claims of over fifty thousand dollars (\$50,000.00) and less than or equal to three hundred seventy-five thousand dollars (\$375,000.00), the Owner shall respond in writing to all written claims within sixty (60) days of receipt of the claim, or may request, in writing, within thirty (30) days of receipt of the claim, any additional documentation supporting the claim or relating to the defenses or claims the Owner may have against the Contractor.

If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the Owner and the Contractor.

The Owner's written response to the claim, as further documented, shall be submitted to the Contractor within thirty (30) days of receipt of the further documentation, or a period of time no greater than that taken by the Contractor in producing the additional information or requested documentation, whichever is greater.

3. If the Contractor disputes the Owner's written response, or the Owner fails to respond within the time prescribed, the Contractor may so notify the Owner, in writing, either within fifteen (15) days of receipt of the Owner's written response or within fifteen (15) days of Owner's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the Owner shall schedule a meet and confer conference within thirty (30) days for settlement of the dispute.
4. If following the meet and confer conference the claim or any portion remains in dispute, the Contractor may file a claim pursuant to Government Code section 900, et seq. and in accordance with Public Contract Code section 20104.2.

4.4.3 **Owner's Review of Claim:** The Owner's Representative shall review the facts pertinent to the claim, secure assistance from legal and other advisors, coordinate with the contract administrators, and promptly provide a written response. The response shall be furnished to the Contractor by certified mail, return receipt requested, or any other method that provides evidence of receipt. The Owner's Representatives' response shall be final and conclusive except as is otherwise provided herein.

4.4.4 **Claims Exempt from Review:** The procedures and remedies provided in this Section 4.4 do not apply to:

1. Any claims by the Owner.
2. Any claim for or respecting personal injury or death or reimbursement or other compensation arising out of or resulting from liability for personal injury or death.
3. Any claim or dispute relating to stop payment requests or stop notices.
4. Any claim related to the approval, refusal to approve, or substitution of subcontractors, regardless of tier, and suppliers.

4.4.5 **Suit in El Dorado County Only:** Any litigation arising out of this Contract shall be brought in El Dorado County. The Owner and the Contractor shall follow procedures established for all civil actions filed to resolve claims pursuant to Public Contract Code section 20104 et seq., including but not limited to section 20104.4.

4.4.6 **Payment of Undisputed Portion of Claim:** Payment by Owner of undisputed portion of claim; interest on arbitration award or judgment.

1. Owner shall pay Contractor such portion of a claim which is undisputed except as otherwise provided in the contract.
2. In any suit filed pursuant to Public Contract Code section 20104.4, the provisions of section 20104.6 shall apply.
3. The rate of interest payable on unpaid and undisputed claims shall be 6 percent per annum. Interest shall begin to accrue sixty-one (61) days after the Contractor submits to the Owner information in sufficient detail to enable the Owner to accept the claim statement.
4. The rate of interest payable on any judgment or award in arbitration shall not exceed 6% per annum in accordance with Civil Code section 3287 et seq.

ARTICLE 5

CHANGES IN WORK

5.1 WAIVER

5.1.1 **Waivers of Contract Provisions:** It is expressly understood and agreed that no waiver granted by the Inspector or the Owner of any term, provision, or covenant of this Contract shall constitute a precedent for breach of the same or any other terms, provisions, or covenants of this Contract.

5.2 CHANGES

5.2.1 **Owner May Order Changes in Work:** The Contractor agrees that the Owner, without invalidating the Contract, may order changes in Work by altering, adding to, or deducting from the Work, the Contract Amount and Time being adjusted according to the provisions of Section 5.4 and Section 5.5. Contractor agrees to enter into a modification of his original Contract for such changes.

5.2.2 **Cost Proposals:** Upon request of the Owner for a quotation on the change to the Work, the Contractor shall promptly submit to Owner's Representative, and the Inspector, if one is appointed, in writing a detailed breakdown of the work and of the amount of deduction or addition claimed. In no case shall Cost Proposals be provided later than ten (10) calendar days from the date requested. The Owner's request for quotations on alterations to the Work shall not be considered authorization to proceed with the work prior to issuance of a Change Order, nor shall such request justify any delay in existing work. If Contractor fails to provide Cost Proposals within ten (10) calendar days, Owner may prepare the Cost Proposal based on estimates of labor, materials, and equipment. This proposal, prepared by Owner, shall be binding on the Contractor, will become the basis for Contract Price adjustment, and shall not be subject to dispute or claim.

5.2.3 **Contract Change Instrument:** Changes in work involving a change in Contract Price or Contract Time shall be done only pursuant to an Architect's Supplemental Instructions (if applicable), Change Order, or Construction Change Directive as set forth below in this article.

5.2.4 **Changes Shall Conform to Contract:** Changes in work shall be performed in conformance with applicable provisions of the Contract Documents, and the Contractor shall proceed promptly unless otherwise provided in the Architect's Supplemental Instructions (if applicable), Change Order, or Change Directive.

5.3 CONTRACT CHANGE INSTRUMENTS

5.3.1 **Architect's Supplemental Instructions (ASI) (if applicable):** The Owner's Representative or the Architect, may order minor changes in work by use of an Architect's Supplemental Instruction. These minor changes will involve neither changes in the Contract Price or Contract Time. If the Contractor disagrees that the change does not involve a change in cost or time, then a Change Order or Change Directive shall be used.

5.3.2 **Change Order (CO):** The Change Order shall be used in cases where Owner and Contractor agree on the change in work, the amount of or method of computing the Contract Amount, and the amount of adjustment in Contract Time.

5.3.3 **Construction Change Directive (CCD):** In the event that the Owner and Contractor do not agree on the proposed change in work, and/or the proposed adjustment of Contract Price and Time, or in the event it is essential that the Contractor proceed expeditiously and without delay, then Owner may, by issuance of a Construction Change Directive, order changes in work, and the Contractor shall promptly proceed with the change in work involved.

1. **Acceptance of Change Directive:** If Contractor agrees with the Change Directive, the Contractor shall by his signature thereon, indicate his acceptance of the terms of the Directive, including adjustments to price and time, and the Change Directive shall then be followed by a Change Order.
2. **Non-Acceptance of Change Directive:** If the Contractor disagrees with the method of computing an increase in Contract Price, then the amount of adjustment shall be computed by the Cost Reimbursement method detailed in Basis for Adjustment. Disagreements with amounts or credits, under the Cost Reimbursement method, or time, shall be considered a dispute, and processed under the section on Disputes Resolution.

5.4 BASIS OF ADJUSTMENT

5.4.1 **Methods of Adjustment:** The amount of adjustments to Contract Price, whether a credit or payment, shall be computed by one of the methods detailed below. The method used shall be at the sole determination of the Owner.

1. **Unit Prices:** Those prices stipulated in the Bid Proposal shall be utilized where they are applicable. In the event the change in original quantity is in excess of twenty five (25) percent of the original bid quantity, and the total dollar value of that bid is greater than \$5,000, the Owner shall review the unit price to determine if a new unit price shall be renegotiated. Unit prices for new items shall be negotiated and mutually agreed upon.
2. **Lump Sum:** A total lump sum for the Work has been negotiated between Owner and Contractor, as described more fully in Article 3 of the Agreement for Construction Services. Changes to the lump sum contract price sought may be made pursuant to a Change Order, subject to Contractor demonstrating satisfaction of the criteria set forth in Article 3.
3. **Cost Reimbursement (Extra Work):** In this method, the payment for Extra Work shall be made on a time and expense basis that is on an accounting of the Contractor's forces, materials, equipment, and other items of cost as required and used to do the Work. Payment will be made for the documented actual cost of the following:
 - a. Costs of direct labor, excluding supervisory personnel, including social security, old age and unemployment insurance, fringe benefits required by agreement, labor insurance and labor taxes established by law.
 - b. Costs of materials, supplies, and equipment, including cost of transportation and sales tax, whether incorporated if paid for by the Contractor or his subcontractor.
 - c. Rental costs, prevailing in the area, of machinery and equipment for the actual time used, and including transportation costs for items having value in excess of \$100.00.
 - d. Costs of premiums for all bonds and insurance, permit fees, and sales, use or similar taxes related to the Work.

To the above cost the Contractor shall be allowed a markup of fifteen (15) percent on direct labor charges and fifteen (15) percent for all other cost items. When any or all of the Extra Work is done by one of the Contractor's subcontractors, the markups set forth above shall be applied to the subcontractor's actual costs to which a five (5) percent markup shall be allowed the Contractor. These markups shall be considered to be full compensation, covering the cost of general supervision, administration, overhead, profit, and any and all other general expenses, including, but not limited to, uniforms, hand tools, safety equipment, travel and lodging.

5.5 EXTENSION OF TIME FOR COMPLETION

- 5.5.1 Contractor Delayed or Hindered:** Should the Contractor be delayed or hindered in the completion of the Work by the neglect of the Owner, or by fire, by strikes, lockouts, embargoes or earthquakes, and any other causes the County approves as not having been reasonably foreseeable at the time of execution of the Contract Documents, then the time allowance herein fixed for the completion of the Work shall be extended for a period equivalent to the time lost by reason of any or all of the causes aforesaid. Time extensions must be requested in accordance with Section 4.3.
- 5.5.2 Agreement on Time Extension:** In addition, the Contractor and the Owner reserve the right to mutually agree in writing upon an extension of time for completion for causes other than enumerated above.
- 5.5.3 Time Extension Not Waiver:** The granting of an extension of time by the Owner for performance by the Contractor shall not operate as a waiver or stop the Owner from claiming damages due to any other delays, prior or subsequent, which were not approved by the Owner as provided herein.

ARTICLE 6

PAYMENTS AND COMPLETION

6.1 GENERAL

- 6.1.1 **Contract Price:** The Contract Price stated in the Contract is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents as defined and subject to the provisions set forth, in Article 3 of the Agreement of Construction Services between Contractor and Owner.
- 6.1.2 **Waiver:** Neither the acceptance of the Work by the Owner nor the payment of any part or all of the sum due the Contractor hereunder shall constitute a waiver by the Owner of any claim which the Owner may have against the Contractor or Surety under this Contract or otherwise.
- 6.1.3 **Manner of Paying Warrants:** Payment becomes due under the terms of this Contract in the manner prescribed by law. The Auditor shall cause a warrant for the Certified amount to be drawn upon the proper fund of the Treasurer of the Owner, which warrant shall be approved and issued to Contractor within that period of time customarily required to process said warrants in the ordinary course of Owner's business.

6.2 APPLICATIONS FOR PAYMENT

- 6.2.1 **Submittal of Applications:** The Contractor shall submit to the Owner or Owner's Representative, an Application for Payment form, which will be provided by the Owner. Such application shall be supported by such data substantiating the Contractor's right to payment as the Owner may require, such as copies of requisitions from subcontractors and material suppliers.
- 6.2.2 **Basis for Payment:** The Payment shall be based upon the total Contract price and upon percentage of completion of the Work at the time of the submittal of the application for payment.
- 6.2.3 Before submitting an Application for Payment (Final or Partial) the Contractor shall reach an agreement with the Project Manager concerning the percentage complete of the Work and the dollar value for which the Application for Payment may be submitted.
- 6.2.4 **Work Free of Liens:** The Contractor warrants that upon submittal of an Application for Payment, all work for which Certificates for Payment have been previously issued and payments received from the Owner shall be free and clear of liens, claims, security interests, or encumbrances against Contractor by subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials, and equipment in relation to the Work.

6.3 CERTIFICATION FOR PAYMENT

- 6.3.1 **Certification Determination:** The Owner's Representative will review as soon as practicable for the purpose of determining whether it is a proper payment request and shall within seven (7) days after receipt of the Contractor's Application for Payment, either issue to the Owner a Certification for Payment, with a copy to the Contractor, for such amount as determined to be properly due, or notify the Contractor of the reasons why the payment request is not proper and for withholding certification of payment in whole or in part as provided in Section 6.4.1.
- 6.3.2 The Owner shall pay or cause to be paid to Contractor, an amount equal to ninety five percent (95%) as noted in Section 6.4.3 of the amount set forth in the approved Certificate for Payment within thirty (30) days of receipt of an Application for Payment approved by the Owner's representative as provided for in Paragraph 6.3.1 above, and shall retain the remaining five percent (5%) as noted in 6.4.3 until the time provided for in Section 6.6.4. The Owner shall withhold amounts pursuant to stop notices received in

addition to the retainage. Failure of Owner to make payments provided herein in a timely manner shall not constitute a default by the Owner of the Contract, but may entitle the Contractor to interest as provided by law.

6.4 WITHHOLDING FROM PAYMENTS

6.4.1 Reasons for Withholding: The Owner may withhold payments, or on account of subsequently discovered evidence nullify the whole or a part of any progress or retention payments to such extent as may be necessary to protect the Owner from loss on account of:

1. Defective work or material not remedied or replaced.
2. The filing of claims or Stop Notices to withhold, or reasonable evidence indicating probable filing of such claims or notices.
3. Failure of the Contractor to make payments properly to subcontractors, or for materials or labor.
4. Failure to make payments to any person or entity for financial obligations of the Contractor under terms of this Contract.
5. A reasonable doubt that the Contract can be completed for the balance then unpaid.
6. Damage to another contractor.
7. Performance of work in violation of the terms of the Contract Documents.
8. Excessive costs to Owner.
9. Failure of Contractor to comply with requirements for timely submittal of specified documentation, including but not limited to construction schedules, cost proposals, and submittals.

6.4.2 Release of Payment: When the above grounds for withholding are removed, payment shall be made for amounts withheld because of them.

6.4.3 Method of Retainage: The Department will retain 5% of the value of each progress payment from each progress payment. The retained funds shall be retained until thirty-five (35) days after recordation of the Notice of Acceptance, as applicable.

6.5 SUBSTITUTE SECURITIES FOR RETENTION

6.5.1 Substitution of Securities: Bidders are hereby put on notice that the successful bidder may substitute securities for any monies withheld by the County of El Dorado to insure performance of the Contract pursuant to Public Contract Code section 22300. This section provides that the Contractor may elect to receive 100 percent of payments due under the Contract Documents from time to time, without retention from any portion of the payment by the County of El Dorado, by depositing eligible securities of equivalent value with the County of El Dorado or qualified escrow agent in accordance with the provisions of Public Contract Code section 22300. Eligible securities shall be limited to those listed in Government Code section 16430, or bank or savings and loan certificates of deposit from a qualified institution. Any such escrow agreement shall follow the form set forth in Public Contract Code section 22300(f) and provided by the Owner.

6.6 FINAL COMPLETION AND PAYMENT OF RETAINAGE

- 6.6.1 Affidavit of Payment:** After the date of Substantial Completion of the Work, and before final acceptance of the Work, the Contractor shall file with the Owner his affidavit, sworn to before a Notary Public, stating that all workmen and persons employed, all firms supplying materials, and all subcontractors upon the project for either labor or material have been paid in full, except certain items, if any, to be set forth in such affidavit covering disputed claims, including claims for acceleration, disruption, delays, inefficiencies, and hindrance, or items in connection with which Stop Notices have been filed under the provisions of the Statutes of the State of California. The filing of such affidavit by the Contractor shall be one of the prerequisites to the making, by the Owner, of the final retainage payment on the Contract.
- 6.6.2 Final Inspection:** Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of the Application for Payment, the Owner will promptly make such inspection. The Contractor shall complete all punch list items within two (2) weeks of receipt of the written punch list. When the Owner's Representative finds the work acceptable under the Contract Documents and the Contract fully performed, the Owner's Representative will promptly recommend to Owner that Owner may consider the Project complete, accept the project, and that the Notice of Acceptance may be issued.
- 6.6.3 Final Certification:** Before issuance of payment, Contractor shall file, with Owner, a certificate in which he certifies that to the best of the Contractor's knowledge, information, and belief, and on the basis of observations and inspections, the Work has been completed in accordance with terms and conditions of the Contract Documents.
- 6.6.4 Payment of Retention:** Thirty-five (35) days after the Notice of Acceptance has been filed, provided the Work is fully completed and the Contract fully performed, the balance due under the Contract shall be paid, less any monies held for stop notices. Payment shall not be construed as an absolute acceptance of the work done up to the time of such payment. The Contractor, if requested by the Owner, shall furnish receipts or other vouchers showing his payments for materials and labor. Owner may withhold from payment an amount not to exceed 150 percent of any amount in dispute.
- 6.6.5 Notice of Acceptance:** The Work shall be accepted in writing in the form of a Notice of Acceptance when the whole of the work has been completed satisfactorily to the Owner. In judging the Work, no allowance for deviations from the original Contract Documents will be made unless already approved in writing at the proper times and in the manner as called for herein.

ARTICLE 7

PROTECTION OF PERSONS AND PROPERTY

7.1 PROTECTION OF WORK, PROPERTY, AND PERSONS

- 7.1.1 Responsible for Damage to Owner's Property:** The Contractor shall be entirely responsible for any damage to the property of the Owner due to careless handling of tools and/or materials or other causes attributed to the Contractor's Work in performing this Contract.
- 7.1.2 Responsible for Safety:** The Contractor will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury, or loss to all employees on the Work and other persons who may be affected thereby, all the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

7.1.3 **Safety and Convenience:** The Contractor will comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction. The Contractor will erect and maintain, as required by the conditions and progress of the Work, all necessary safeguards for safety and protection. The Contractor will notify owners of adjacent utilities when prosecution of the Work may affect them.

7.1.4 **Remedy Damages:** The Contractor will remedy all damage, injury, or loss to any property caused, directly or indirectly, in whole or part, by the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them or anyone of whose acts any of them would be liable, except damage or loss attributable to the sole or active negligence of the Owner or the Inspector or anyone employed by them and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of the Contractor.

ARTICLE 8

INSURANCE AND BONDS

8.1 INSURANCE

GENERAL INSURANCE REQUIREMENTS

The Contractor shall provide proof of a policy of insurance satisfactory to the El Dorado County Risk Management Division and documentation evidencing that the Contractor maintains insurance that meets the following requirements:

1. Full Workers' Compensation and Employers' Liability Insurance covering all employees of the Contractor as required by law in the State of California.
2. Commercial General Liability Insurance (providing scope of coverage equivalent to ISO policy form CG 00 01) of not less than Two Million Dollars (\$2,000,000) combined single limit per occurrence for bodily injury and property damage, including but not limited to endorsements for the following coverage: Premises, personal injury, operations, products and completed operations, blanket contractual, and independent contractors liability. This insurance can consist of a minimum \$1 Million primary layer of CGL and the balance as an excess/umbrella layer, but only if the County is provided with written confirmation that the excess/umbrella layer "follows the form" of the CGL policy. County, including, without limitation, its officers, officials, employees, and volunteers shall be named as an additional insured on ISO form CG 2010 1185, or its equivalent.
3. Automobile Liability Insurance of not less than One Million Dollars (\$1,000,000) is required in the event motor vehicles are used by the Contractor in performance of the contract.
4. In the event Contractor is a licensed professional and is performing professional services under this contract, Professional Liability Insurance is required with a limit of liability of not less than One Million Dollars (\$1,000,000).
5. Explosion, Collapse and Underground coverage is required when the scope of work includes XCU exposures. For the purpose of this contract, XCU coverage is not required.

PROOF OF INSURANCE REQUIREMENTS

1. Contractor shall furnish proof of coverage satisfactory to the El Dorado County Risk Management Division as evidence that the insurance required herein is being maintained. The insurance will be issued by an insurance company acceptable to the Risk Management Division, or be provided through partial or total self-insurance likewise acceptable to the Risk Management Division.
2. The County of El Dorado, its officers, officials, employees, and volunteers shall be included as additional insureds, but only insofar as the operations under this Contract are concerned. This provision shall apply to all general liability and excess liability policies. Proof that the County is named additional insured shall be made by providing the Risk Management Division with a certified copy, or other acceptable evidence, of an endorsement to Contractor's insurance policy naming the County additional insured.

3. In the event Contractor cannot provide an occurrence policy, Contractor shall provide insurance covering claims made as a result of performance of this contract for not less than three (3) years following completion of performance of this Contract.
4. Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.
5. Contractor shall also require each of its subcontractors to name Contractor and County, including, without limitation, its officers, officials, employees, and volunteers, as an additional insured on Subcontractor's insurance policies using ISO form CG 2010 1185, or its equivalent. Copies of endorsements from each Subcontractor will be obtained and maintained by Contractor for the duration of the Work, and for ten years following completion of the Work.

INSURANCE NOTIFICATION REQUIREMENTS

1. Contractor agrees no cancellation or material change in any policy shall become effective except upon thirty (30) days prior written notice to the County of El Dorado, Chief Administrative Office, Charles Harrell, Facilities Division Manager, at 3000 Fairlane Court, Suite One, Placerville, CA 95667.
2. Contractor agrees that the insurance required herein shall be in effect at all times during the term of this agreement. In the event said insurance coverage expires at any time or times during the term of this Contract, Contractor shall immediately provide a new certificate of insurance as evidence of the required insurance coverage. In the event Contractor fails to keep in effect at all times insurance coverage as herein provided, County may, in addition to any other remedies it may have, terminate this Contract upon the occurrence of such event. New certificates of insurance are subject to the approval of the Risk Management Division.

ADDITIONAL STANDARDS

Certificates shall meet such additional standards as may be determined by the Department either independently or in consultation with the Risk Management Division, as essential for protection of the County.

COMMENCEMENT OF PERFORMANCE

Contractor shall not commence performance of this Contract unless and until compliance with each and every requirement of the insurance provisions is achieved.

MATERIAL BREACH

Failure of Contractor to maintain the insurance required herein, or to comply with any of the requirements of the insurance provisions, shall constitute a material breach of the entire Contract.

REPORTING PROVISIONS

Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to the County, its officers, officials, employees or volunteers.

PRIMARY COVERAGE

The Contractor's insurance coverage shall be primary insurance as respects the County, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the County, its officers, officials, employees or volunteers shall be in excess of the Contractor's insurance and shall not contribute with it.

PREMIUM PAYMENTS

The insurance companies shall have no recourse against the County of El Dorado its officers, agents, employees, or any of them for payment of any premiums or assessments under any policy issued by any insurance company.

CONTRACTOR'S OBLIGATIONS

Contractor's indemnity and other obligations shall not be limited by the insurance required herein and shall survive the expiration of this Contract.

8.2 BONDS

- 8.2.1 **General Requirements for Bonds:** Before commencing any Work under the Contract, the Contractor shall provide all bonds to the Owner. These bonds shall be in the amounts and for the purposes specified below. They shall be Surety bonds and shall be issued by corporations duly and legally licensed and qualified to transact business in the State of California. They shall be maintained by him and at his expense during the entire life of the Contract or later as provided.
- 8.2.2 **Performance Bond:** One bond shall be in the amount of 100 percent of the Awarded Contract and shall guarantee the faithful performance of the Contract and shall insure the Owner during the life of the Contract and the Guarantee period. The Contractor may provide, subject to approval by the Owner, a separate guarantee bond upon completion of and acceptance of the work.
- 8.2.3 **Payment Bond:** One bond shall be in the amount of 100 percent of the Awarded Contract and shall guarantee the payment in full of all claims for labor and materials in accordance with the provisions of the laws of the State of California.
- 8.2.4 **Change of Surety:** If, at any time a Surety on such bonds becomes irresponsible or loses its right to do business in the State of California, the Owner may require another Surety which the Contractor shall furnish within ten (10) calendar days after receipt of written notice to do so.
- 8.2.5 **Authentication of Bonds:** Evidence of authority of an attorney-in-fact acting for the corporate Surety must be provided in the form of a certificate as to his power of attorney and to the effect that it is not terminated and remains in full force and effect on the date of the bonds. The form of the bonds shall be in accordance with those provided in the Draft Agreement.

ARTICLE 9

UNCOVERING AND CORRECTION OF WORK

9.1 DEVIATION FROM CONTRACT DOCUMENTS

- 9.1.1 **Improper Work:** If the Contractor shall vary from the Contract Documents in the form or quality of the Work, or the amount or value of the materials herein provided for, the Owner shall have the right to order such improper work or materials removed, remade, or replaced. In the event that the Work is ordered changed, any other work disturbed or damaged by such alteration shall be made good at the Contractor's expense.

9.2 CORRECTION OF WORK

- 9.2.1 **Covered or Completed Work:** If any work is covered contrary to the written instructions of the Owner's Representative, or the Inspector, if one is appointed, it must, if requested, be uncovered for observation and replaced at the Contractor's expense.
- 9.2.2 **Inspection of Covered Work:** If the Owner's Representative or the Inspector, if one is appointed, considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, upon request, will uncover, expose, or otherwise make available for observation, inspection, or testing as the Inspector may require, that portion of the Work in question, furnishing all necessary labor, materials, tools, and

equipment. If it is found that such Work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection, and testing and of satisfactory reconstruction; if, however, such Work is not found to be defective, the Contractor will be allowed an increase in the Contract price or an extension of the Contract time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, and construction, and an appropriate Change Order shall be issued.

9.2.3 **Rejected Work:** The Contractor shall promptly remove from the premises all Work rejected by Owner for failure to comply with the Contract Documents, whether incorporated in the construction or not, and the Contractor shall promptly replace and re-execute the work either during the term of the Contract or during the warranty period, in accordance with the Contract Documents and without expense to the Owner and shall bear the expense of making good all Work of other contractors destroyed or damaged by such removal or replacement.

9.2.4 **Cost of Correction:** All removal and replacement Work shall be done at the Contractor's expense. If the Contractor does not take action to remove such rejected Work within ten (10) days after receipt of written notice, the Owner may remove such Work and store the materials at the expense of the Contractor. Owner also may perform such Work or repairs itself and charge the expense to the Contractor.

ARTICLE 10

SUSPENSION OF CONTRACT

10.1 SUSPENSION OF WORK

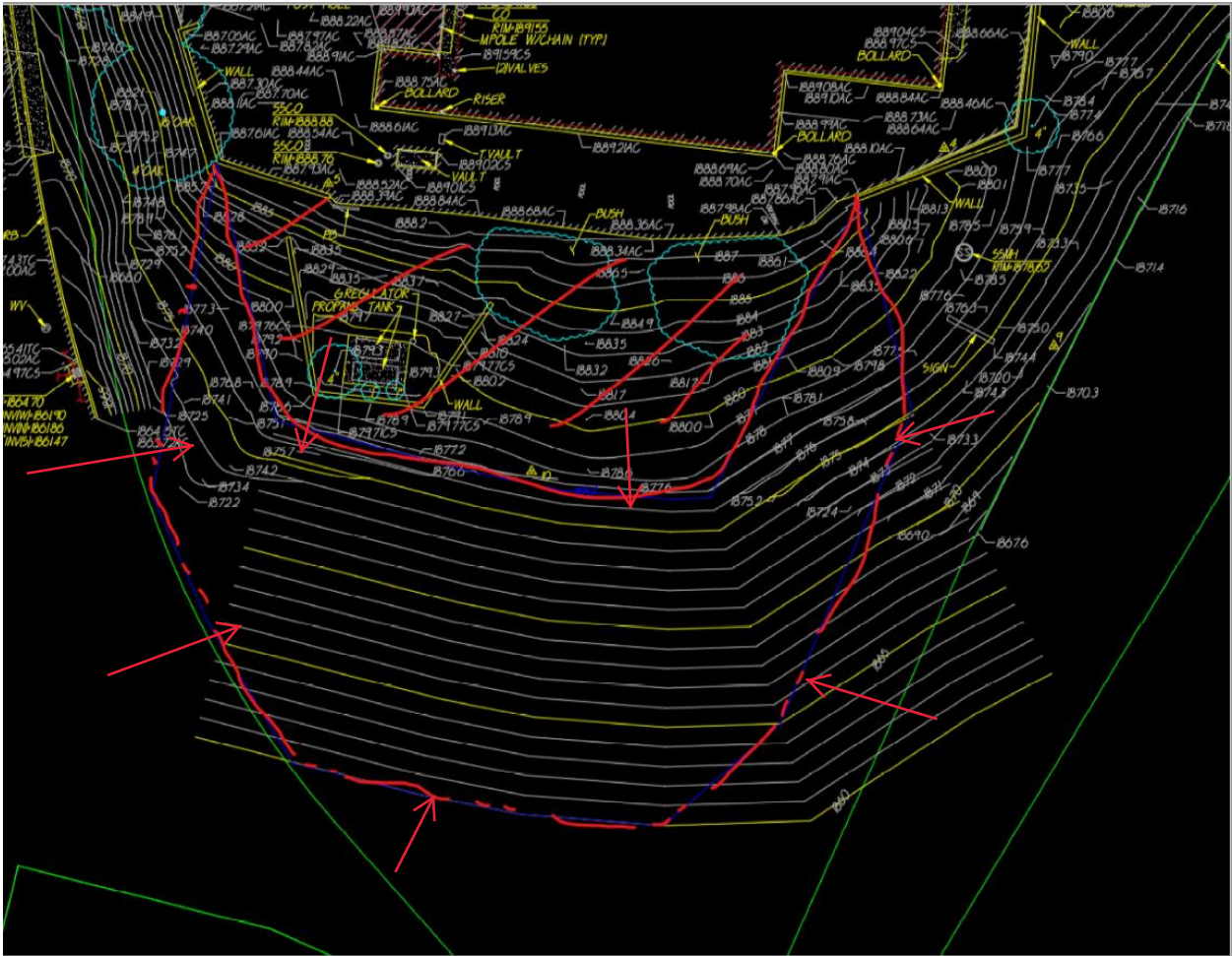
10.1.1 **Owner May Suspend:** The Owner may suspend the Work or any portion thereof for a period of not more than ninety (90) days or such further time as agreed upon by the Contractor, by written notice to the Contractor which shall fix the date on which work shall be resumed.

10.1.2 **Resumption of Work:** The Contractor shall resume that Work on the dates so fixed. The Contractor shall be allowed an increase in the Contract price or an extension of the Contract time, or both, directly attributed to any suspension.

*** END OF CONDITIONS OF THE CONTRACT***

Attachment A

Additive Alternate 1 Site Map

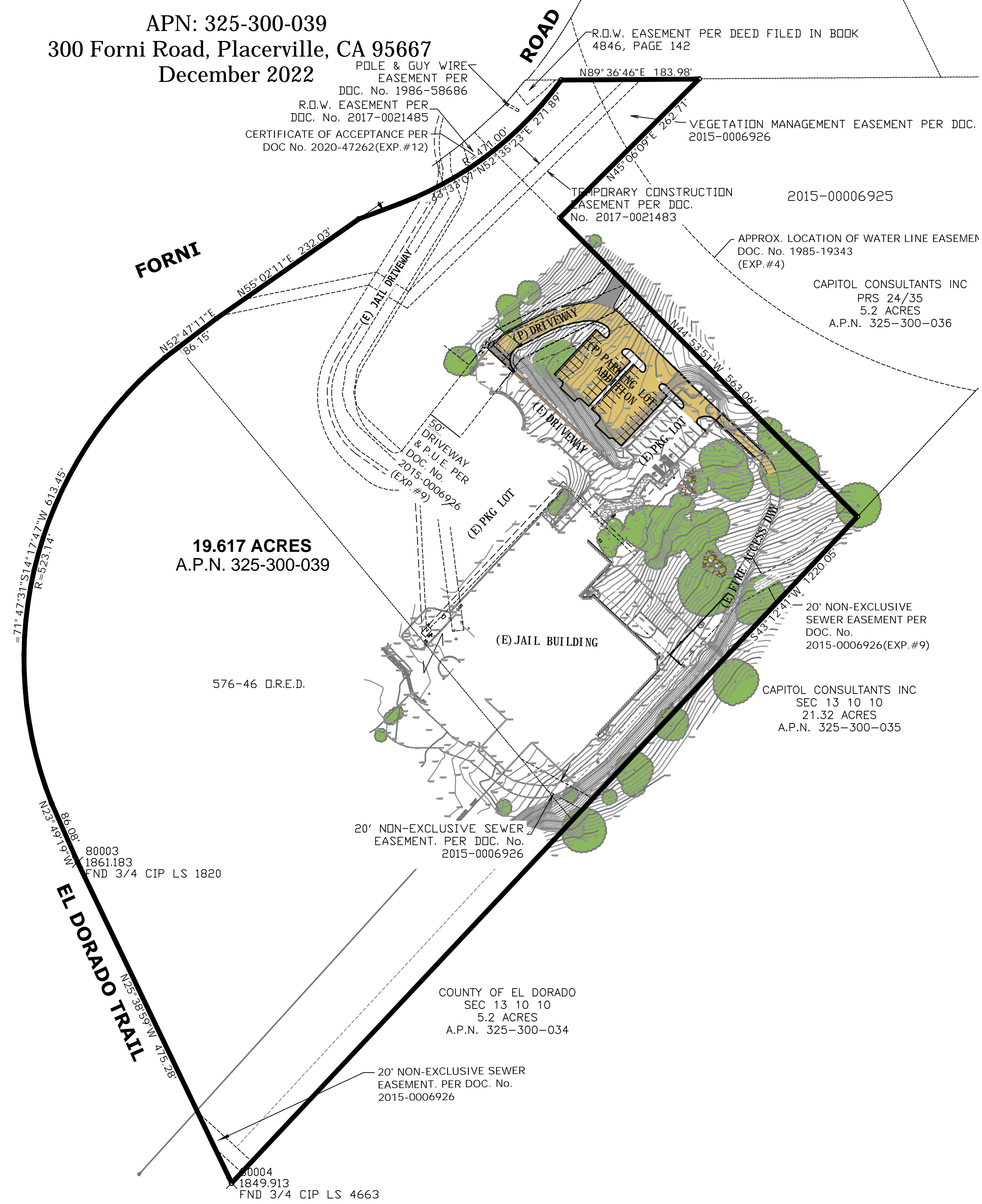
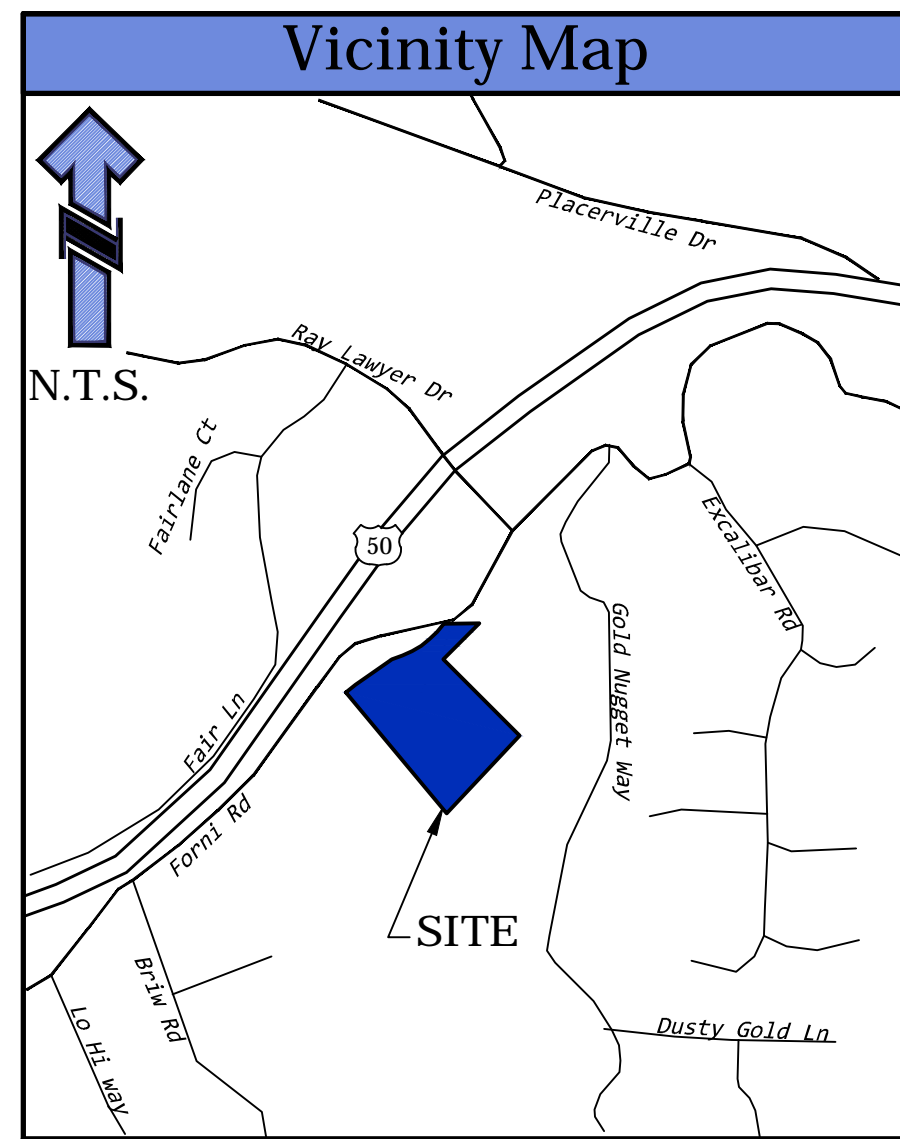


Contractor shall export the 2,700 cubic yards of clean dirt from the project site to the area in red with the arrows at 300 Fair Lane, Placerville, California 95667.

Improvement Plans for EDC JAIL PARKING LOT EXPANSION

APN: 325-300-039
300 Forni Road, Placerville, CA 95667
December 2022

Attachment B



Project Overview

SCALE: 1" = 100'

Grading and Geotechnical Specifications

ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER, AND IF REQUIRE, BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE COUNTY ORDINANCES AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOCHEMICAL INVESTIGATION ENTITLED _____.

ALL FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MOST RECENT VERSION OF ASTM D-1557 OR AN APPROVED ALTERNATIVE STANDARD.

AT THE COMPLETION OF THE GRADING OPERATIONS, AN AS-GRADED SOILS, OR IF REQUIRED AND AS-GRADED SOILS AND GEOLOGICAL REPORT WILL BE PREPARED AND SUBMITTED TO THE FIELD INSPECTION SECTION OF THE D.O.T. CONSTRUCTION UNIT, AND THE DEVELOPMENT SERVICES SECTION WITHIN 15 DAYS OF THE COMPLETION OF GRADING.

THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN SUBSTANTIAL CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS OUTLINED IN THE REFERENCED SOILS REPORT OR GEOLOGICAL/GEOCHEMICAL INVESTIGATION PREPARED FOR THIS DEVELOPMENT.

_____, SIGNATURE, NAME, DATE AND SEAL CEG
_____, SIGNATURE, NAME, DATE AND SEAL RCE

SURVEYOR NOTES:

THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED UPON THE CALIFORNIA COORDINATE SYSTEM, NORTH AMERICAN DATUM (NAD) 83, ZONE 2, EPOCH DATE 2010.00. THE VERTICAL DATUM IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM (NAVD) 88, GEOID 12B. FINAL VALUES FOR THE CONTROL WERE DERIVED BASED ON A STATIC SURVEY AND AN ONLINE POSITIONING USER SERVICE (OPUS) SOLUTION.

THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS SURVEY WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTH OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, CTA ENGINEERING & SURVEYING CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THIS MAP.

SURVEYOR'S STATEMENT:

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IS BASED UPON A FIELD SURVEY.

KEVIN A. HEENEY, P.L.S. 5914



DATE

DISTURBED AREA= 0.96 Ac.

Approvals

EL DORADO COUNTY FIRE PROTECTION DISTRICT

APPROVED BY _____ DATE _____

Record Drawing Certificate

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF _____. IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

ENGINEER _____ RCE# _____ DATE _____

Approvals

El Dorado County
Development Services Dept.

SITE/GRADING PLAN REVIEW

The County's signature is founded on the premise that the owner and engineer of record have provided accurate information to the County. If any of the information is found to be erroneous, then the County may require the owner, engineer of record and contractor to stop all non-erosion control related work until the discrepancy is rectified to the satisfaction of the County.

Utility Representatives

UTILITY	AGENCY	CONTACT	PHONE
GAS	PG&E	BRIAN RITCHIE	530-621-7264
ELECTRIC	PG&E	BRIAN RITCHIE	530-621-7264
TELEPHONE	ATT	DARIN MORTINSON	530-621-6926
WATER	EID	MARC MACKAY	530-642-4135
SEWER	EID	MARC MACKAY	530-642-4135
DRAINAGE	EL DORADO COUNTY	INSPECTOR	530-621-5377
FIRE PROTECTION	EDCFPD	DAVE TETER	530-642-7336
OTHER	UNDERGROUND SERVICE ALERT	-	811
OTHER	EXCAVATION PERMIT	CAL/OSHA	916-920-6123

Earthwork Calculations

ITEM	QUANTITY	UNIT	EXPORT
EMBANKMENT (FILL)	193	C. Y.	
EXCAVATION (CUT)	6,047	C. Y.	
LESS 10% SHRINKAGE & LOSS (OF CUT)	605	C. Y.	
TOTAL CUT (AFTER SHRINKAGE & LOSS)	5,442	C. Y.	
SITE TOTAL	5,249	C. Y.	EXPORT

Note: earthwork calculation are approximate and may vary based upon characteristics of the soil and/or contractors methodology.

Note: The earthwork quantities calculated above exclude any trench dirt for utilities, wall/foundation footings, or other landscaping items. Contractor shall adjust quantities as necessary to account for these items once pool design is known and/or structural calculations & details are completed by the structural engineer.

Project Data

OWNER	EDC-CAO JAYSON MILLS, PROJECT MANAGER 3000 FAIRLANE COURT, STE. 1 PLACERVILLE, CA 95667 PHONE: 530-621-5922 Email: jayson.mills@edcgov.us
APPLICANT	LEBECK ENGINEERING, INC. 3430 ROBIN LANE, BLDG. #2 CAMERON PARK, CA 95682 Ph. (530) 677-4080 www.lebeckeng.com
PREPARED BY	BARBARA "BOBBIE" LEBECK, P. E.
SCALE	1" = 100'
CONTOUR INTERVAL	1'
SOURCE OF TOPOGRAPHY	CTA ENGINEERING & SURVEYING
SECTION, TOWNSHIP AND RANGE	Por: Sec 13, T. 10N, R. 10E, M. D. M
PARCEL ADDRESS	300 FORNI RD, PLACERVILLE, CA
ASSESSOR'S PARCEL NUMBER	325-300-039
WATER SUPPLY	EID
SEWAGE DISPOSAL	EID
PROPOSED FIRE PROTECTION	EL DORADO COUNTY FIRE PROTECTION DIST.
DATE OF PREPARATION	DECEMBER 2022
PROJECT #	22-135

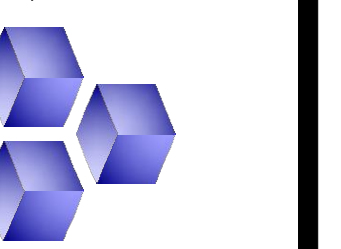
Abbreviations

BSW	BACK OF SIDEWALK	LF	LEFT
BW	BOTTOM OF WALL AT FG	LPG	PROPANE TANK
CH	CHORD BEARING	(P)	PROPOSED
CL	CHORD LENGTH	PAD	FINISHED PAD
CR	CURB RETURN	PKG	PARKING
D	DEGREE OF CURVE	PP	POWER POLE
DI	DRAINAGE INLET	P. E.	POSTAL EASEMENT
D. E.	DRAINAGE EASEMENT	PUE	PUBLIC UTILITIES EASEMENT
DWV	DRIWEWAY	R	CURVE RADIUS PER FINAL MAP
(E)	EXISTING	ROW	RIGHT OF WAY
E. D. C.	EL DORADO COUNTY	RT	RIGHT
EL	ELEVATION	S. E.	SLOPE EASEMENT
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
FC	FACE OF CURB	SS	SEWER SERVICE
FF	FINISHED FLOOR	SW	SIDEWALK
FG	FINISHED GRADE	TBC	TOP BACK OF CURB
FH	FIRE HYDRANT	TC	TOP OF CURB ELEV.
FL	FLOWLINE	TW	TOP OF WALL
FND.	FOUND	UPC	UNIVERSAL PLUMBING CODE
GA	GUY ANCHOR	US	UTILITY SERVICE
GB	GRADE BREAK	W	WALL HEIGHT
HP	HIGH POINT	WL	WATER LINE
JP	JOINT POLE	WS	WATER SERVICE

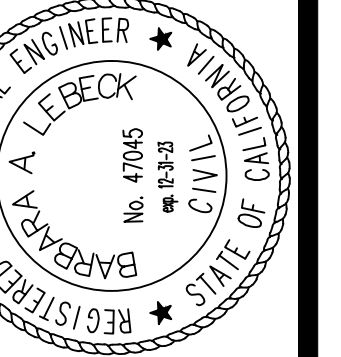
Sheet Index

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E1. 1	SIGHT LIGHTING PLAN
E5. 1	TITLE 24 LIGHTING

LEBECK ENGINEERING, INC.
3430 ROBIN LANE, BLDG. #2
CAMERON PARK, CA 95682
Ph. (530) 677-4080
www.lebeckeng.com



Stamp Date: Dec 16, 2022



ENGINEER'S STAMP

IMPROVEMENT PLANS
COVER SHEET
EDC Jail Parking Lot Expansion
300 Forni Rd., Placerville, CA APN: 325-300-39

NO.	DESCRIPTION	DATE	BY

Project # 22-135

Date: DECEMBER 2022

Scale: 1" = 100'

Designed by: B. Lebeck

Drawn by: B. L.; J. P.

SHEET NO.

C1

Plot Date: Dec 16, 2022

23-0201 B 83 of 119

El Dorado County General Construction Notes:

STANDARD GENERAL NOTES - ROADWORK GRADING AND DRAINAGE

- MATERIALS, CONSTRUCTION QUALITY, AND METHODS FOR THIS PROJECT ARE SUBJECT TO THE COUNTY OF EL DORADO DESIGN AND IMPROVEMENT STANDARDS MANUAL STANDARD PLANS, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS.
- ALL REFERENCE TO TD SHALL MEAN THE CDA-TRANSPORTATION DIVISION DIRECTOR, OF EL DORADO COUNTY OR AUTHORIZED REPRESENTATIVE. ALL REFERENCE TO BD SHALL MEAN THE CDA-BUILDING DIVISION DIRECTOR, OF EL DORADO COUNTY OR AUTHORIZED REPRESENTATIVE.
- ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE TD/BD OR AN AUTHORIZED REPRESENTATIVE.
- ALL REFERENCE TO THE STANDARD SPECIFICATIONS SHALL MEAN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2015.
- THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE FULL AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON SITE AT ALL TIMES DURING WORKING HOURS.
- THE CONTRACTOR SHALL NOTIFY TD/BD 48 HOURS IN ADVANCE OF COMMENCING WORK TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE AND INSPECTION WITH THE ENGINEER AND TD/BD. NO WORK SHALL BEGIN UNTIL AFTER THE PRE-CONSTRUCTION CONFERENCE AND INSPECTION HAVE BEEN COMPLETED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC" OF THE STANDARD SPECIFICATIONS.
- RIGHTS TO ENTER AND CONSTRUCT SHALL BE OBTAINED PRIOR TO CONSTRUCTING ANY OFF-SITE WORK SHOWN IN THESE PLANS. COPIES OF SUCH DOCUMENTS SHALL BE KEPT ON-SITE AT ALL TIMES DURING THE PERFORMANCE OF OFF-SITE WORK.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) 811 OR 1-800-227-2600 PRIOR TO PERFORMING ANY EXCAVATION ON THE PROJECT SITE. THE OWNER(S) OF IDENTIFIED EXISTING UNDERGROUND FACILITIES SHALL ALSO BE CONTACTED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL NOT CONSTRUCT ANY WORK WITHOUT ADEQUATE CONSTRUCTION STAKING. AS A MINIMUM THE FOLLOWING STAKING SHALL BE REQUIRED: 1) CLEARING LIMITS, 2) SLOPE STAKES, 3) WATER LINE STAKES, 4) SEWER LINE STAKES, 5) STORM DRAIN STAKES, AND 6) FINISHED GRADE STAKES. ADDITIONAL STAKING MAY BE REQUIRED BY TD/BD DUE TO THE NATURE AND/OR COMPLEXITY OF THE WORK. LOST OR DAMAGED STAKES SHALL BE REPLACED TO THE SATISFACTION OF TD/BD WHETHER RESULTING FROM CONSTRUCTION PROCEDURES, VANDALISM OR ANY OTHER CAUSE. SURVEY CUT SHEETS SHALL BE PROVIDED TO THE CONTRACTOR WITHIN ONE BUSINESS DAY OF COMPLETION OF THE SURVEY REQUEST. CONTRACTOR SHALL PROVIDE ALL CUT SHEETS TO THE TD/BD INSPECTOR AND EID THE SAME DAY THEY ARE RECEIVED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO COUNTY OF EL DORADO RESOLUTION NO. 199-91 WHICH CONTAINS SPECIFIC REQUIREMENTS FOR THE PROTECTION AND PRESERVATION OF OAK TREES AND WETLANDS. THE CONTRACTOR SHALL REMOVE ONLY THOSE TREES SHOWN ON THE PLANS TO BE REMOVED. THE CONTRACTOR SHALL INSTALL PROTECTIVE FENCING AT THE DRIP LINE OF ALL REMAINING TREES WITHIN 50 FEET OF ANY GRADING, AND OTHERWISE COMPLY WITH THE PROVISIONS OF SAID ORDINANCE.
- CONSTRUCTION HOURS SHALL BE LIMITED FROM 7:00 A.M. TO 7:00 P.M. (OR SUNSET), MONDAY THROUGH FRIDAY, AND 8:00 AM TO 5:00 PM WEEKENDS AND FEDERALLY RECOGNIZED HOLIDAYS, UNLESS OTHERWISE SPECIFIED BY SEPARATE AGREEMENT (SUBDIVISION GRADING AGREEMENT, SUBDIVISION IMPROVEMENT AGREEMENT, ROAD IMPROVEMENT AGREEMENT, ETC.). ALL HEAVY EQUIPMENT AND ANY INTERNAL COMBUSTION ENGINES SHALL BE FITTED WITH ADEQUATE MUFFLERS.
- THE CONTRACTOR SHALL PROVIDE, PLACE AND MAINTAIN ALL LIGHTS, SIGNS, DELINEATORS, BARRICADES, TEMPORARY TRAFFIC STRIPING, FLAGMEN, DETOURS OR OTHER DEVICES NECESSARY TO PROVIDE FOR THE SAFE AND CONVENIENT PASSAGE OF PUBLIC VEHICLE AND PEDESTRIAN TRAFFIC THROUGH THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL OBTAIN THE EXPRESS WRITTEN CONSENT OF EDC TRANSPORTATION DEPARTMENT PRIOR TO IMPLEMENTING ANY LANE CLOSURE OR DETOUR ON A COUNTY MAINTAINED STREET OR HIGHWAY. ALL LANE CLOSURES OR DETOURS SHALL CONFORM TO CHAPTER 5, "TRAFFIC CONTROL DEVICES FOR LOW VOLUME ROADS" OF THE CALIFORNIA MUTCD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL DURING CONSTRUCTION. AT LEAST ONE WATER TRUCK SHALL BE ON SITE AT ALL TIMES. ADDITIONAL EQUIPMENT MAY BE REQUIRED AS DETERMINED BY TD/BD.
- THE CONTRACTOR SHALL OBTAIN AN APPROVED FUGITIVE DUST CONTROL PLAN, INCLUDING PROVISIONS FOR ASBESTOS HAZARD MITIGATION, IF REQUIRED, FROM THE COUNTY OF EL DORADO ENVIRONMENTAL MANAGEMENT DIVISION/AQMD PRIOR TO BEGINNING OF WORK.
- IF UNUSUAL AMOUNTS OF STONE, BONE, OR ARTIFACTS ARE UNCOVERED DURING CONSTRUCTION, ALL WORK SHALL BE STOPPED WITHIN ONE HUNDRED FEET (100') OF THE FIND, AND A QUALIFIED ARCHAEOLOGIST CONSULTED FOR AN ON-SITE EVALUATION.
- IF THE PRESENCE OF SERPENTINE ROCK (SAF) IS DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, BD AND THE COUNTY OF EL DORADO ENVIRONMENTAL MANAGEMENT DIVISION/AQMD THAT SERPENTINE ROCK IS PRESENT ON THE SITE. ADDITIONALLY, THE CONTRACTOR SHALL IMPLEMENT THE ASBESTOS HAZARD MITIGATION PROVISIONS OF THE FUGITIVE DUST PLAN PRIOR TO CONTINUATION OF EARTHWORK IN AREAS WHERE SERPENTINE ROCK IS PRESENT.
- UPON JOB COMPLETION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE INFORMATION TO LEBECK ENGINEERING, INC. (ENGINEER), REGARDING ANY MATERIAL CHANGES MADE DURING CONSTRUCTION AS WELL AS ANY OTHER INFORMATION REQUIRED TO BE SHOWN ON THE RECORD DRAWINGS BY TD/BD, THE EL DORADO IRRIGATION DISTRICT (EID), OTHER UTILITY COMPANIES, OR OTHER RESPONSIBLE AGENCIES.
- CLEARING AND GRUBBING SHALL CONFORM TO THE PROVISIONS OF SECTION 16, "CLEARING AND GRUBBING" OF THE STANDARD SPECIFICATIONS. ROCKS, STUMPS, TREES, ROCKS OR OTHER DELETERIOUS SUBSTANCES SHALL BE DISPOSED OF OFF-SITE AND IN A LAWFUL MANNER.
- EARTHWORK SHALL CONFORM TO THE PROVISIONS OF SECTION 19, "EARTHWORK" OF THE STANDARD SPECIFICATIONS. WIDENING OF EMBANKMENTS AND FLATTENING OF SLOPES, WHICH RESULT IN AN INCREASED AREA OF GRADING, WILL NOT BE PERMITTED WITHOUT EXPRESS WRITTEN APPROVAL FROM TD/BD.
- AGGREGATE BASE SHALL CONFORM TO THE PROVISIONS OF SECTION 26, "AGGREGATE BASES" OF THE STANDARD SPECIFICATIONS FOR CLASS 2 AGGREGATE BASE. 3/4 INCH MAXIMUM GRADATION. AGGREGATE BASE SHALL NOT BE PLACED UNTIL THE PRIOR GRADING PLANE HAS BEEN APPROVED BY TD/BD.
- ASPHALT CONCRETE SHALL CONFORM TO THE PROVISIONS OF SECTION 39, "ASPHALT CONCRETE" OF THE STANDARD SPECIFICATIONS. ASPHALT BINDER(S) SHALL BE PERFORMANCE GRADE 64-16. ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL THE PRIOR GRADING PLANE HAS BEEN APPROVED BY TD/BD, AND ALL UTILITIES WITHIN THE PAVED AREA HAVE BEEN PLACED, TESTED, AND APPROVED.
- ALL ASPHALT CONCRETE GRIND(S) SHALL BE A MINIMUM OF 3 INCHES AND REPLACED IN KIND WITH ASPHALT CONCRETE AS DEFINED IN SECTION 39, OF THE STANDARD SPECIFICATIONS. IF AGGREGATE BASE IS NOT PRESENT IT SHALL BE REPLACED WITH A MINIMUM OF 8 INCHES OF CLASS 2 AGGREGATE BASE AND CONFORM TO THE PROVISIONS OF SECTION 26 OF THE STANDARD SPECIFICATIONS FOR CLASS 2 AGGREGATE BASE. ANY EXCEPTION TO THE 8 INCH MINIMUM OF CLASS 2 AGGREGATE BASE REPLACEMENT MUST BE PROVIDED BY A LICENSED GEOTECHNICAL ENGINEER.

- AFTER ACCEPTANCE OF THE FINAL LIFT OF ASPHALT CONCRETE, AND PRIOR TO THE END OF THE WARRANTY PERIOD, ALL ROADWAYS SHALL BE FOG SEALED IN ACCORDANCE WITH SECTION 37-2, "SEAL COATS" OF THE STANDARD SPECIFICATIONS. ASPHALTIC EMULSION SHALL BE SLOW SETTING ANIONIC ASPHALTIC EMULSION TYPE, GRADE SS1, CONFORMING TO THE REQUIREMENTS OF SECTION 94, "ASPHALTIC EMULSIONS" OF THE STANDARD SPECIFICATIONS. ALL PROJECTS THAT HAVE RE-STRIPING DUE TO TRAFFIC STAGING OR NEW LANE LINES SHALL BE SEALED WITH A SLURRY SEAL CONFORMING TO THE REQUIREMENTS OF SECTION 37-3 "SLURRY SEAL AND MICRO SURFACING" OF THE STANDARD SPECIFICATIONS AFTER THE EXISTING STRIPING IS REMOVED BY GRINDING, SANDBLASTING OR PAVEMENT OVERLAY.
- SUBGRADE - WHEN ASPHALT CONCRETE OR ASPHALT CONCRETE BASE IS TO BE PLACED ON THE GRADING PLANE, THE GRADING PLANE AT ANY POINT SHALL NOT VARY MORE THAN 0.05 FOOT ABOVE OR BELOW THE GRADE ESTABLISHED BY THE ENGINEER. WHEN SUB-BASE OR BASE MATERIAL (OTHER THAN ASPHALT CONCRETE BASE) IS TO BE PLACED ON THE GRADING PLANE, THE GRADING PLANE AT ANY POINT SHALL NOT VARY MORE THAN 0.05 FOOT ABOVE THE GRADE ESTABLISHED BY THE ENGINEER.
- CONCRETE STRUCTURES SHALL CONFORM TO SECTION 90-2 "MINOR CONCRETE" OF THE STANDARD SPECIFICATIONS.
- PRECAST CONCRETE STRUCTURES SHALL CONFORM TO SECTION 70-4 "PRECAST CONCRETE PIPE DRAINAGE FACILITIES" OF THE STANDARD SPECIFICATIONS.
- WHERE TYPE B DROP INLETS EXCEED 5 FEET IN HEIGHT, REINFORCING STEEL SHALL BE INSTALLED AS SHOWN ON THE PLAN DETAIL. REINFORCING STEEL SHALL BE # 4 BARS, INSTALLED IN THE VERTICAL WALLS AT 12 INCH O.C. (BOTH DIRECTIONS). A 3 INCH CLEARANCE SHALL BE MAINTAINED FROM THE OUTSIDE FACE OF THE WALLS, UNDER NO CIRCUMSTANCES WILL TYPE B DROP INLETS BE ALLOWED IN EXCESS OF 8 FEET IN HEIGHT.
- WHERE ANY PORTION OF THE STRUCTURE EXCAVATION FOR VERTICAL CONCRETE STRUCTURES (MANHOLES, INLETS, VAULTS, ETC.) IS WITHIN THE STREET, MATERIAL USED TO BACKFILL SUCH STRUCTURES SHALL CONFORM TO SECTION 19-3.02B, "STRUCTURE BACKFILL" OF THE STANDARD SPECIFICATIONS. COMPACTION TESTS WILL BE TAKEN EVERY 2-3 FEET VERTICALLY, WHERE CAST-IN-PLACE STRUCTURES ARE PLACED AGAINST UNDISTURBED NATIVE MATERIAL, THIS REQUIREMENT SHALL NOT APPLY.
- TRAFFIC STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, CONFORMING TO SECTION 84-2 "TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE STANDARD SPECIFICATIONS.
- A GEOTECHNICAL ENGINEER AND A STRUCTURAL ENGINEER SHALL CERTIFY, RESPECTIVELY, THE GEOTECHNICAL AND STRUCTURAL ITEMS ON THE PLAN(S) WERE BUILT IN CONFORMANCE WITH THE RESPECTIVE GEOTECHNICAL AND STRUCTURAL RECOMMENDATIONS FOR THE PROJECT BEFORE FINALIZATION OF THE PROJECT.
- IF BLASTING ACTIVITIES ARE TO OCCUR IN CONJUNCTION WITH DEVELOPMENT, THE DEVELOPER SHALL ENSURE THAT SUCH BLASTING ACTIVITIES ARE CONDUCTED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- IF BURNING ACTIVITIES ARE TO OCCUR DURING CONSTRUCTION, THE DEVELOPER SHALL OBTAIN THE NECESSARY BURNING PERMITS AND AIR POLLUTION PERMITS FROM THE CALIFORNIA DEPARTMENT OF FORESTRY (CDF) AND FROM THE AIR QUALITY MANAGEMENT DISTRICT (AQMD) PRIOR TO SAID BURNING ACTIVITIES.
- STORM DRAINS SHALL BE TELEVIEWED WHEN BACKFILL REACHES THE POINT OF 2 FOOT OF COMPACTED TRENCH FILL OVER THE PIPE. A COPY OF THE VIDEOTAPE WILL BE PROVIDED TO THE TD/BD INSPECTOR, AND NO PAVING OVER THE PIPE WILL BE DONE WITHOUT THE INSPECTOR'S AUTHORIZATION. COST OF TELEVIEWING WILL BE INCLUDED IN THE UNIT COST OF CONSTRUCTION.
- STORM DRAINS IN PUBLIC RIGHT-OF-WAY, IN IRREVOCABLE OFFERS OF DEDICATIONS, OR THAT ARE TO BE MAINTAINED BY A ZONE OF BENEFIT (ZOB), SERVICE DISTRICT (CSD), SERVICE AREA (CSA), OR ANY OTHER PUBLICLY ADMINISTERED AGENCY WILL BE OF THE FOLLOWING MATERIALS:
 - REINFORCED CONCRETE PIPE (RCP)
 - HIGH DENSITY POLYETHYLENE PIPE (HDPE), 48 INCH MAXIMUM
 - CORRUGATED STEEL PIPE, BUT ONLY UNDER THE FOLLOWING CIRCUMSTANCES
 - 48 INCH MAXIMUM
 - NON-EROSIVE FLOW VELOCITIES
 - ALUMINIZED
 - NOMINAL THICKNESS FOR 50 YEAR LIFE (AASHTO DESIGNATION M196)
 - 4 INCH REINFORCED CONCRETE PAD IN BOTTOM THIRD
 - IN NON-CORROSIVE SOILS (INCLUDING BACKFILL)
 - STEEL PLATE OR STEEL ARCH WITH CONCRETE OR "SOFT" BOTTOM

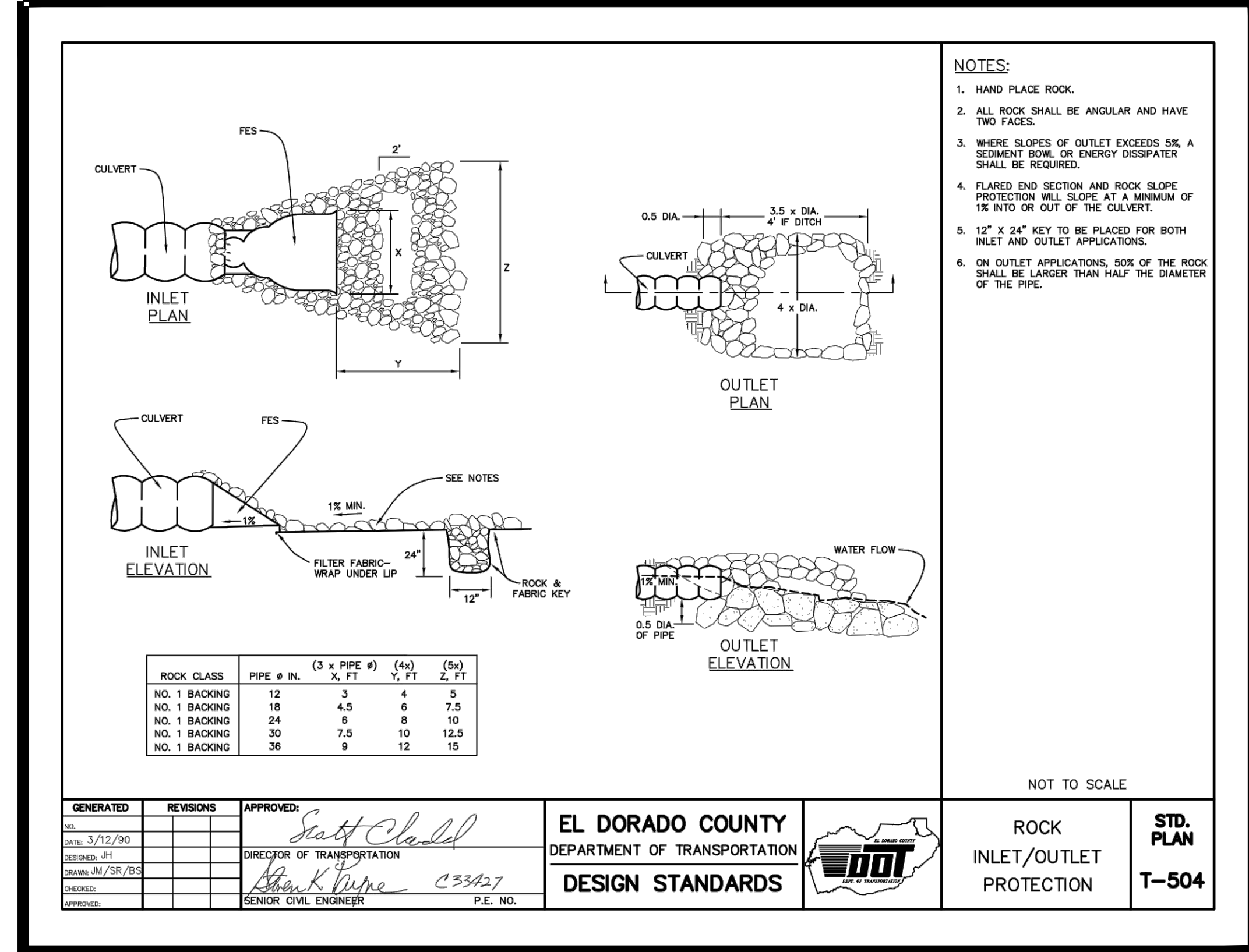
- STREET NAME SIGNS SHALL BE INSTALLED AT EVERY INTERSECTION IN ACCORDANCE WITH LATEST APPROVED CALIFORNIA MUTCD.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TYPE F-2 MARKERS AT BOTH ENDS OF CULVERTS. THE CULVERT MARKERS SHALL HAVE A TWO INCH WIDE BLACK STRIP AT THE TOP OF THE MARKER ABOVE ELEVATIONS 3,000 FEET. THE CONTRACTOR SHALL FURNISH AND INSTALL TYPE F MARKERS WITH SNOW POLE BRACKETS ON ALL DIKES AT 100 FOOT INTERVALS AND AT BOTH ENDS OF CULVERTS. ABOVE ELEVATION 3,000 FEET, THE CONTRACTOR SHALL INSTALL METAL MARKER POSTS WITH SNOW POLE BRACKETS NEAR EACH FIRE HYDRANT.
- CONTRACTOR SHALL NOT START ANY UTILITY WORK UNTIL A JOINT TRENCH COMPOSITE PLAN HAS BEEN APPROVED BY THE TD/BD (WATER AND SEWER EXCEPTED). ALL UTILITY WORK PERFORMED IN THE COUNTY RIGHT OF WAY SHALL REQUIRE AN ENCROACHMENT PERMIT.
- WATER AND SEWER LINES SHALL BE TESTED AND APPROVED BY EID PRIOR TO PLACING PAVEMENT ON THE STREET.
- OMISSIONS AND ERRORS ON PLANS SHALL NOT BE VALID, AND ALL CODES AND LAWS MUST BE COMPLIED WITH BY THE OWNER, ENGINEER AND CONTRACTOR.
- ALL NEW OR RECONSTRUCTED DRAINAGE INLETS SHALL HAVE A STORM WATER QUALITY MESSAGE STAMPED INTO THE CONCRETE. ALL STAMPS SHALL BE APPROVED BY THE TD/BD INSPECTOR PRIOR TO BEING USED.
- IMPORT OR EXPORT OVER 250 CUBIC YARDS TO ANY OFF-SITE BORROW OR DISPOSAL SITE WILL REQUIRE A SEPARATE APPROVED GRADING PERMIT FOR THE OFF-SITE LOCATION PRIOR TO TD/BD SIGNATURE APPROVAL OF PLANS.
- IN THE EVENT OF THE DISCOVERY OF HUMAN REMAINS, ALL WORK IS TO STOP AND THE COUNTY CORONER SHALL BE IMMEDIATELY NOTIFIED PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE AND SECTION 5097.98 OF THE PUBLIC RESOURCES CODE. IF THE REMAINS ARE DETERMINED TO BE NATIVE AMERICAN, THE CORONER MUST CONTACT THE NATIVE AMERICAN HERITAGE COMMISSION WITHIN 24 HOURS. THE TREATMENT AND DISPOSITION OF HUMAN REMAINS SHALL BE COMPLETED CONSISTENT WITH GUIDELINES OF THE NATIVE AMERICAN HERITAGE COMMISSION.

EDC Fire Protection District Notes:

- THE INSTALLATION OF ALL ONSITE FIRE PROTECTION SYSTEMS SHALL BE IN ACCORDANCE WITH N.F.P.A. 24 AND FIRE DEPARTMENTS STANDARDS.
- ALL ONSITE FIRE PROTECTION SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF N.F.P.A. 24, AND SHALL BE WITNESSED BY THE FIRE DEPARTMENT.
- THE INSTALLING CONTRACTOR, OR SUB-CONTRACTOR, FOR ALL ON-SITE FIRE PROTECTION SYSTEMS SHALL NOTIFY THE FIRE DEPARTMENT 24 HRS. IN ADVANCE OF REQUESTING A DATE AND TIME FOR INSPECTIONS.
- IF PLASTIC PIPE IS INSTALLED FOR FIRE PROTECTION SYSTEMS, THE PIPE USED SHALL BE C-900 CLASS 200.
- AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES EXCEPT THRUST BLOCKS, USED ON ON-SITE FIRE PROTECTION SYSTEMS SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL.
- THE REQUIRED FIRE FLOW FOR THIS PROJECT IS N/A GPM WITH A 20 PSI RESIDUAL.
- FIRE HYDRANTS SHALL BE LOCATED TO REACH ALL PORTIONS OF EACH BUILDING. FIRE DEPARTMENT CONNECTIONS (FDCs) SHALL BE LOCATED PER FIRE DISTRICT REQUIREMENTS.
- HYDRANTS SHALL BE PAINTED SAFETY RED IN COLOR, WITH A BLUE REFLECTIVE DOT (MARKER) PLACED IN THE STREET AND HYDRANTS SHALL HAVE A MINIMUM OF 3 FEET (36 INCHES) OF UNOBSTRUCTED CLEARANCE AT ALL TIMES.
- PROPANE (LPG) PIPING DESIGN SHALL BE SUBMITTED AS A SEPARATE SUBMITTAL TO THE FIRE DEPARTMENT FOR REVIEW.

El Dorado Irrigation District - General Water Notes:

- WORK SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION AND TO THE SATISFACTION OF THE EL DORADO IRRIGATION DISTRICT (EID). CONSTRUCTION SHALL CONFORM TO THESE PLANS AND EID'S LATEST VERSION OF THE TECHNICAL SPECIFICATIONS, STANDARD DRAWINGS, AND CURRENT DRINKING WATER REGULATIONS OR THESE STANDARDS.
- CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION CONFERENCE WITH INSPECTION 5 WORKING DAYS IN ADVANCE OF DOING WORK WITHIN THEIR JURISDICTION. CONSTRUCTION SHALL BE STARTED NO LATER THAN FIVE (5) DAYS AFTER THE PRECONSTRUCTION CONFERENCE.
- LOCATION OF ALL UNDERGROUND FACILITIES ARE APPROXIMATE ONLY - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL FACILITIES PRIOR TO ANY EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND FACILITIES AFFECTED BY THE WORK AND SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION WORK FOR DETERMINATION AND LOCATION OF UNDERGROUND UTILITIES (811 OR 1-800-227-2600)
- CONNECTION TO EXISTING WATER FACILITY SHALL BE DONE BY A CLASS A LICENSED CONTRACTOR IN ACCORDANCE WITH EID TIE-IN PROCEDURES PER TECHNICAL SPECIFICATION.
- WHERE EXCAVATIONS FOR ANY FACILITIES CONSTRUCTION EXCEED 5 FEET IN DEPTH, CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM CAL/OSHA IN SACRAMENTO (PHONE: 1-916-263-2800) POST PERMIT AT THE CONSTRUCTION SITE AND COMPLY WITH ALL REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY EID (INSPECTION) 48 HOURS PRIOR TO START OR RESTART OF WORK. ADDITIONALLY IF WORK WILL BE STOPPED FOR MORE THAN ONE WORKING DAY.
- ONLY EID PERSONNEL SHALL OPERATE ANY VALVES ON EXISTING WATER SYSTEM.
- THE TOTAL SITE REQUIRED FIRE FLOW IS N/A.
- BASED UPON A HYDRAULIC GRADE LINE OF N/A FT. AT STATIC CONDITIONS AND N/A FT DURING FIRE FLOW AND MAXIMUM DAY DEMANDS, THE MAXIMUM PRESSURE IS CALCULATED TO BE N/A PSI AND N/A PSI RESPECTIVELY.
- PIPELINES SHALL BE CONTINUITY AND HYDROSTATICALLY TESTED, DISINFECTED, FLUSHED, AND BACTERIA TESTED IN ACCORDANCE WITH EID'S TECHNICAL SPECIFICATIONS. ALL DISINFECTING SHALL BE IN ACCORDANCE WITH THE MOST RECENT AMERICAN WATER WORKS ASSOCIATION STANDARDS.
- LIDS SHALL BE MARKED "WATER".
- CURBS SHALL BE WET STAMPED WITH A "W" BRAND WHERE WATER SERVICES INTERCEPT.
- CONTRACTOR SHALL HAVE A COPY OF THE EID'S CONSTRUCTION STANDARDS ON THE JOB. THE CONTRACTOR SHALL A REPRESENTATIVE AT ALL TIMES ON SITE.
- REVISIONS TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY EID.
- STAKING INFORMATION: MINIMUM SPACING SHALL BE 50 FEET (25 FEET IN RADIUS) UNLESS OTHERWISE DIRECTED BY EID. INFORMATION WILL INCLUDE OFFSET, TYPE OF FACILITY AND CUT TO FLOW LINE ON THE FRONT OF THE STAKE AND ELEVATION AND STATION NUMBER ON THE BACK. ANGLE POINTS AND APPURTENANCES TO BE STAKED INCLUDING LINE AND CURB STAKES AS NEEDED. CUT SHEETS REQUIRED WHERE SUBGRADE HAS NOT BEEN MADE.
- AT A MINIMUM ALL MATERIALS, CONSTRUCTION, AND TESTING SHALL COMPLY WITH CURRENT AMERICAN WATER WORKS ASSOCIATION STANDARDS, CALIFORNIA DIVISION OF DRINKING WATER STANDARDS, UNIFORM PLUMBING CODE, AND THE DISTRICT'S STANDARD SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.
- PROJECT COST DATA TO BE PROVIDED TO EID PRIOR TO RELEASE OF WATER METER/PROJECT CLOSEOUT.



LEBECK ENGINEERING, INC.
 3430 ROBIN LANE, BLDG. #2
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 Ph. (530) 677-4080
 www.lebeckeng.com

PREPARED BY: [Signature]

Stamp Date: Dec 16, 2022

REGISTERED PROFESSIONAL ENGINEER
 No. 47095
 CIVIL
 STATE OF CALIFORNIA

IMPROVEMENT PLANS

GENERAL NOTES & DETAILS

EDC Jail Parking Lot Expansion
 300 Formi Rd., Placerville, CA APN: 325-300-39

NO.	DESCRIPTION	REVISIONS	
		DATE	BY

Project # 22-135
 Date: DECEMBER 2022
 Scale: N/A
 Designed by: B. Lebeck
 Drawn by: BL; EA; JP

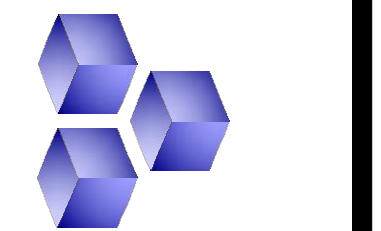
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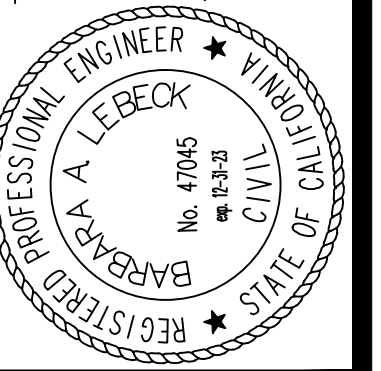
Paving Legend

	STANDARD DUTY PAVEMENT SECTION - PKG. STALLS (3"A. C. / 8"A. B.)
	HEAVY DUTY PAVEMENT SECTION - DRIVE AISLES (4"A. C. / 8"A. B.)

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 Ph: (530) 677-4080
 www.lebeckeng.com



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CAPITOL CONSULTANTS INC
 PRS 24/35
 5.2 ACRES
 A.P.N. 325-300-036



CAPITOL CONSULTANTS INC
 SEC 13 10 10
 21.32 ACRES
 A.P.N. 325-300-035

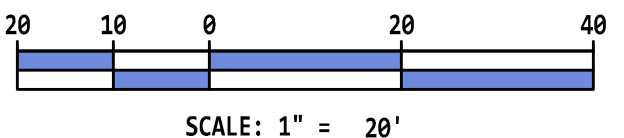
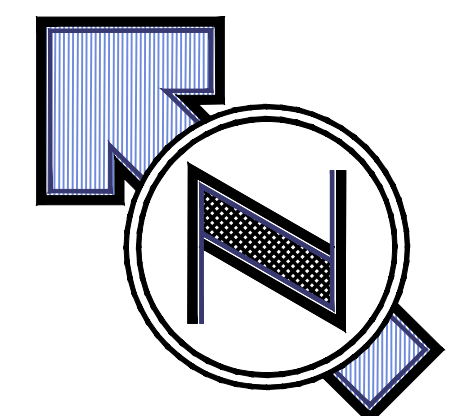
IMPROVEMENT PLANS
SITE PLAN
 EDC Jail Parking Lot Expansion
 300 Formi Rd., Placerville, CA APN: 325-300-39

NO.	DESCRIPTION	DATE	BY

Project # 22-135
 Date: DECEMBER 2022
 Scale: 1" = 20'
 Designed by: B. Lebeck
 Drawn by: E. Alligui e

SHEET NO.
C3

Plot Date: Dec 16, 2022
 23-0201 B 85 of 119



NOTE: SEE GEOTECHNICAL REPORT BY YOUNGDAHL CONSULTING GROUP FOR PROJECT REQUIREMENTS & RECOMMENDATIONS.

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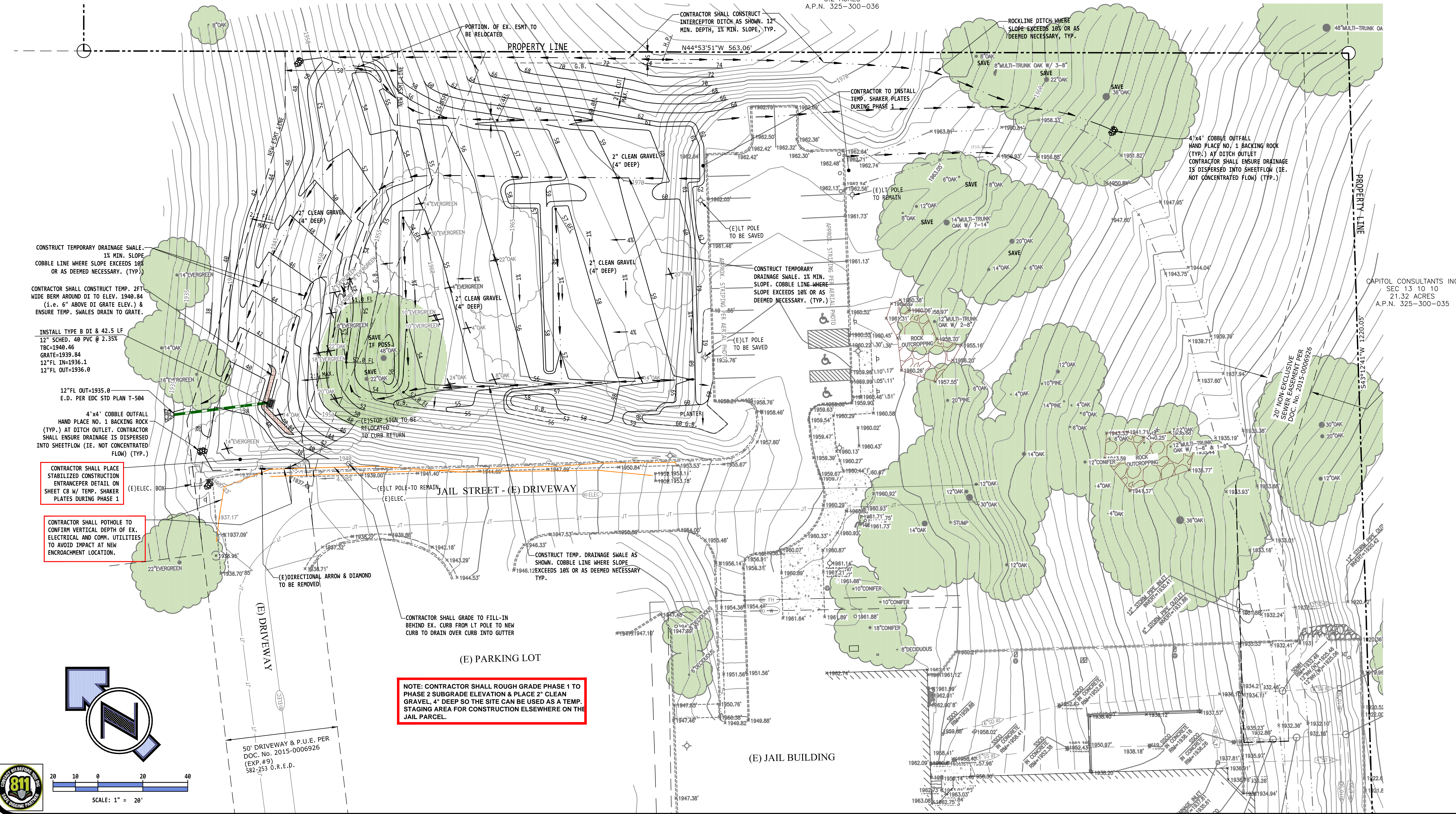
Stamp Date: Dec 16, 2022
REGISTERED PROFESSIONAL ENGINEER
No. 47095
No. 43-93
STATE OF CALIFORNIA

IMPROVEMENT PLANS
PH. 1 - ROUGH GRADING PLAN
EDC Jail Parking Lot Expansion
300 Formi Rd., Placerville, CA APN: 325-300-39

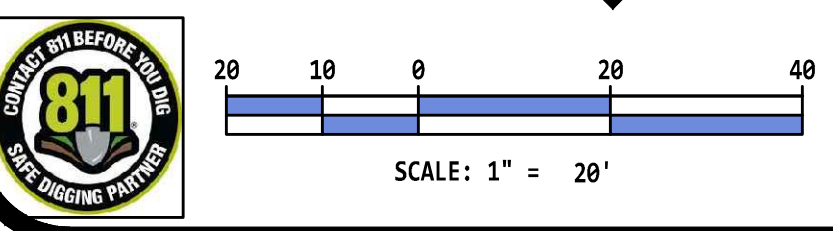
NO.	DESCRIPTION	DATE	BY

Project # 22-135
Date: DECEMBER 2022
Scale: 1" = 20'
Designed by: B. Lebeck
Drawn by: E. Alliguié
SHEET NO.
C4
Plot Date: Dec 16, 2022
23-0201 B 86 of 119

CAPITOL CONSULTANTS INC
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A.P.N. 325-300-036



NOTE: CONTRACTOR SHALL ROUGH GRADE PHASE 1 TO PHASE 2 SUBGRADE ELEVATION & PLACE 2" CLEAN GRAVEL, 4" DEEP SO THE SITE CAN BE USED AS A TEMP. STAGING AREA FOR CONSTRUCTION ELSEWHERE ON THE JAIL PARCEL.



CONSTRUCT TEMPORARY DRAINAGE SWALE. 1 1/2" MIN. SLOPE. COBBLE LINE WHERE SLOPE EXCEEDS 10% OR AS DEEMED NECESSARY. (TYP.)

CONTRACTOR SHALL CONSTRUCT TEMP. 2FT WIDE BERM AROUND DI TO ELEV. 1940.84 (i.e. 6" ABOVE DI GRATE ELEV.) & ENSURE TEMP. SWALES DRAIN TO GRATE.

INSTALL TYPE B DI & 42.5 LF 12" SCHED. 40 PVC @ 2.35% TBC=1940.46 GRATE=1939.84 12" FL IN=1936.1 12" FL OUT=1936.0

12" FL OUT=1935.0 E.D. PER EDC STD PLAN T-504

4'x4' COBBLE OUTFALL HAND PLACE NO. 1 BACKING ROCK (TYP.) AT DITCH OUTLET. CONTRACTOR SHALL ENSURE DRAINAGE IS DISPERSED INTO SHEETFLOW (IE. NOT CONCENTRATED FLOW) (TYP.)

CONTRACTOR SHALL PLACE STABILIZED CONSTRUCTION ENTRANCE/EXIT ON SHEET C8 W/ TEMP. SHAKER PLATES DURING PHASE 1

CONTRACTOR SHALL POHOLE TO CONFIRM VERTICAL DEPTH OF EX. ELECTRICAL AND COMM. UTILITIES TO AVOID IMPACT AT NEW ENCROACHMENT LOCATION.

50' DRIVEWAY & P.U.E. PER DOC. No. 2015-0006926 (EXP. #9) 582-253 O.R.E.D.

CAPITOL CONSULTANTS INC
SEC 13 10 10
21.32 ACRES
A.P.N. 325-300-035

NOTE: PLACE STORM DRAIN INLET PROTECTION (STONE-FILLED OR GRAVEL-FILLED GEOTEXTILE BAGS) AT THE NEAREST DOWNSTREAM DRAINAGE INLETS ON THE STREET BEFORE DISTURBING SOIL.

Erosion Control Legend	
DESCRIPTION	DEPICTION
STRAW WATTLE	
CRUSHED ROCK FILLED BAGS	

STRAW WATTLE/FIBER ROLL PLACEMENT
 INSTALL ON ALL GRADED AREAS, PADS AND DRIVEWAYS (PRIOR TO PAVING) AND ON TOP AND MID-SLOPES
 WATTLES IN STREETS AND ON PADS:

- 0-2% - 200' SPACING
- 2-5% - 100' SPACING
- 5-10% - 50' SPACING
- 10-20% - 25' SPACING
- 20-50% - 10' SPACING



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REGISTERED PROFESSIONAL ENGINEER
 BARBARA A. LEBECK
 No. 47045
 Exp. 03-31
 STATE OF CALIFORNIA

IMPROVEMENT PLANS

PH. 1 - EROSION CONTROL PLAN

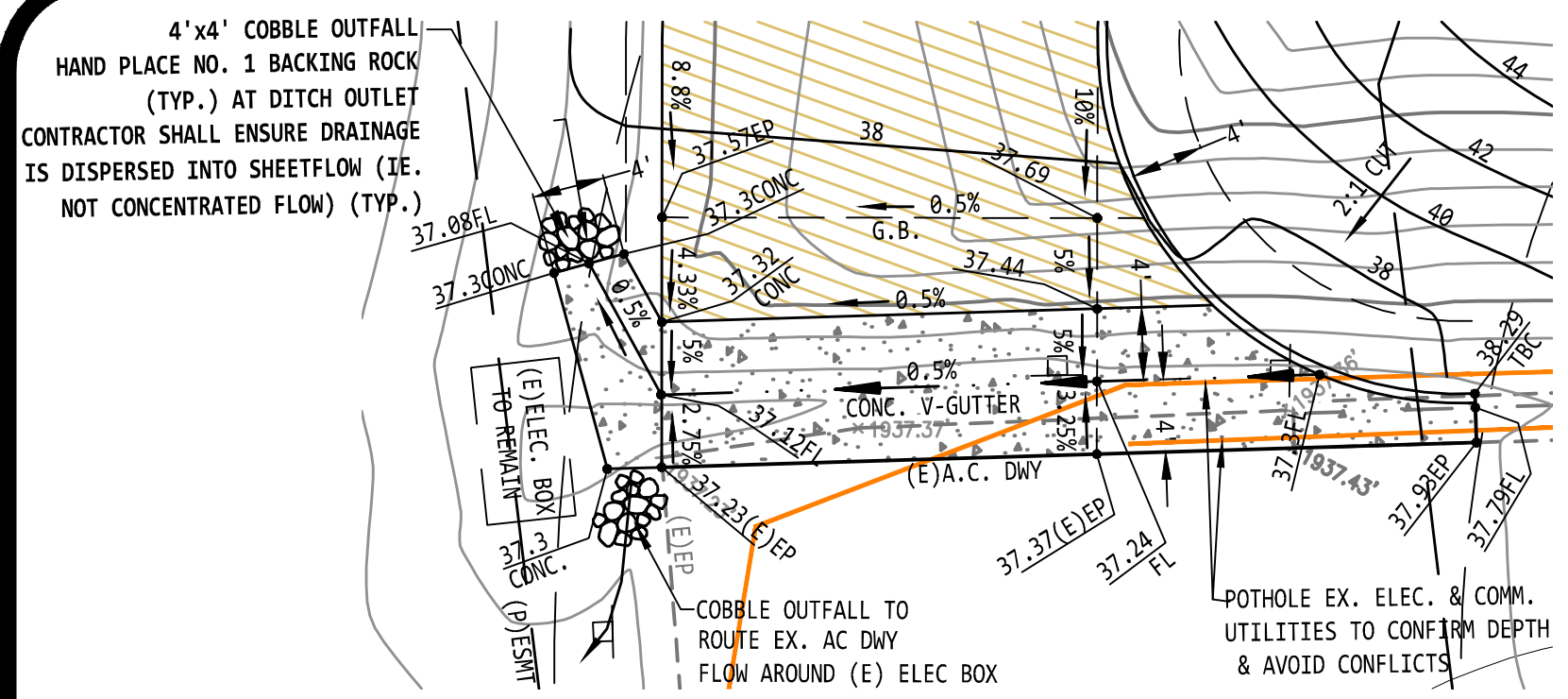
EDC Jail Parking Lot Expansion
 300 Forni Rd., Placerville, CA APN: 325-300-39

NO.	REVISIONS DESCRIPTION	DATE	BY
1			
2			
3			
4			

Project # 22-135
 Date: DECEMBER 2022
 Scale: 1" = 20'
 Designed by: B. Lebeck
 Drawn by: E. Alligui e

SHEET NO. **C5**

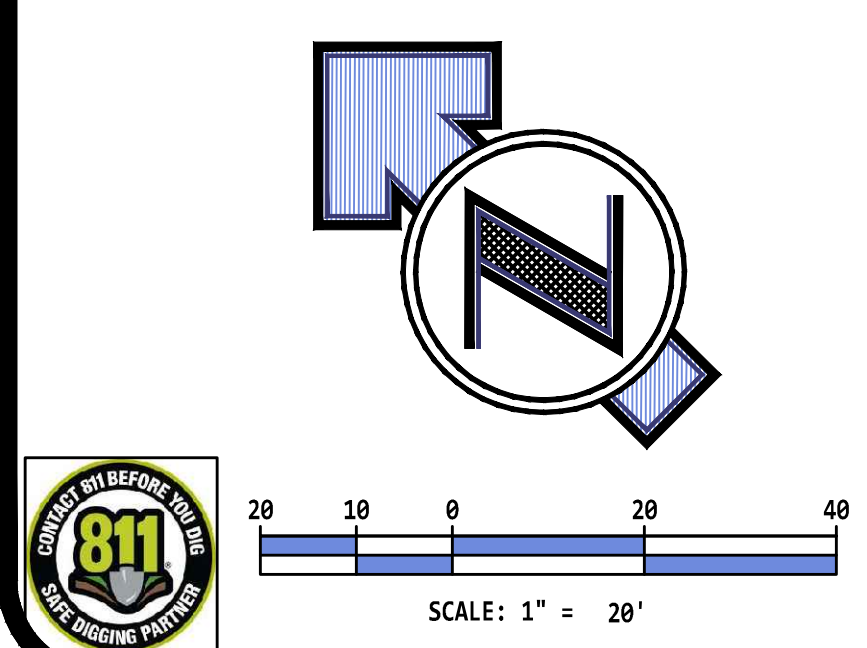
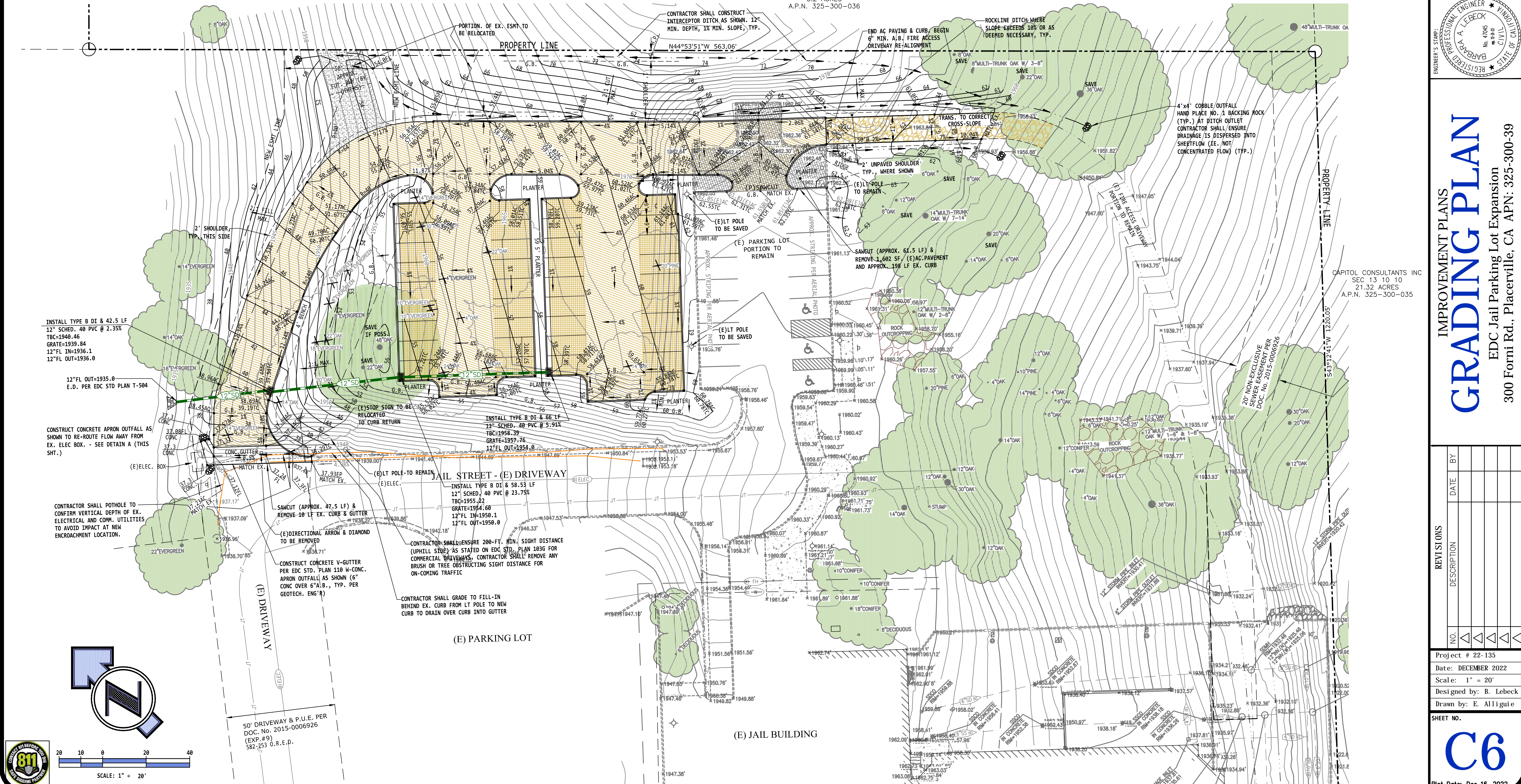
Plot Date: Dec 16, 2022
 23-0201 B 87 of 119



DETAIL 'A'

NOTE: SEE GEOTECHNICAL REPORT BY YOUNGDAHL CONSULTING GROUP FOR PROJECT REQUIREMENTS & RECOMMENDATIONS.

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 PRS 24/35
 5.2 ACRES
 A.P.N. 325-300-036



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PREPARED BY: [Logo]

Stamp Date: Dec 16, 2022

REGISTERED PROFESSIONAL ENGINEER
 BARBARA A. LEBECK
 No. 47045
 Exp. 03-31-23
 CIVIL
 STATE OF CALIFORNIA

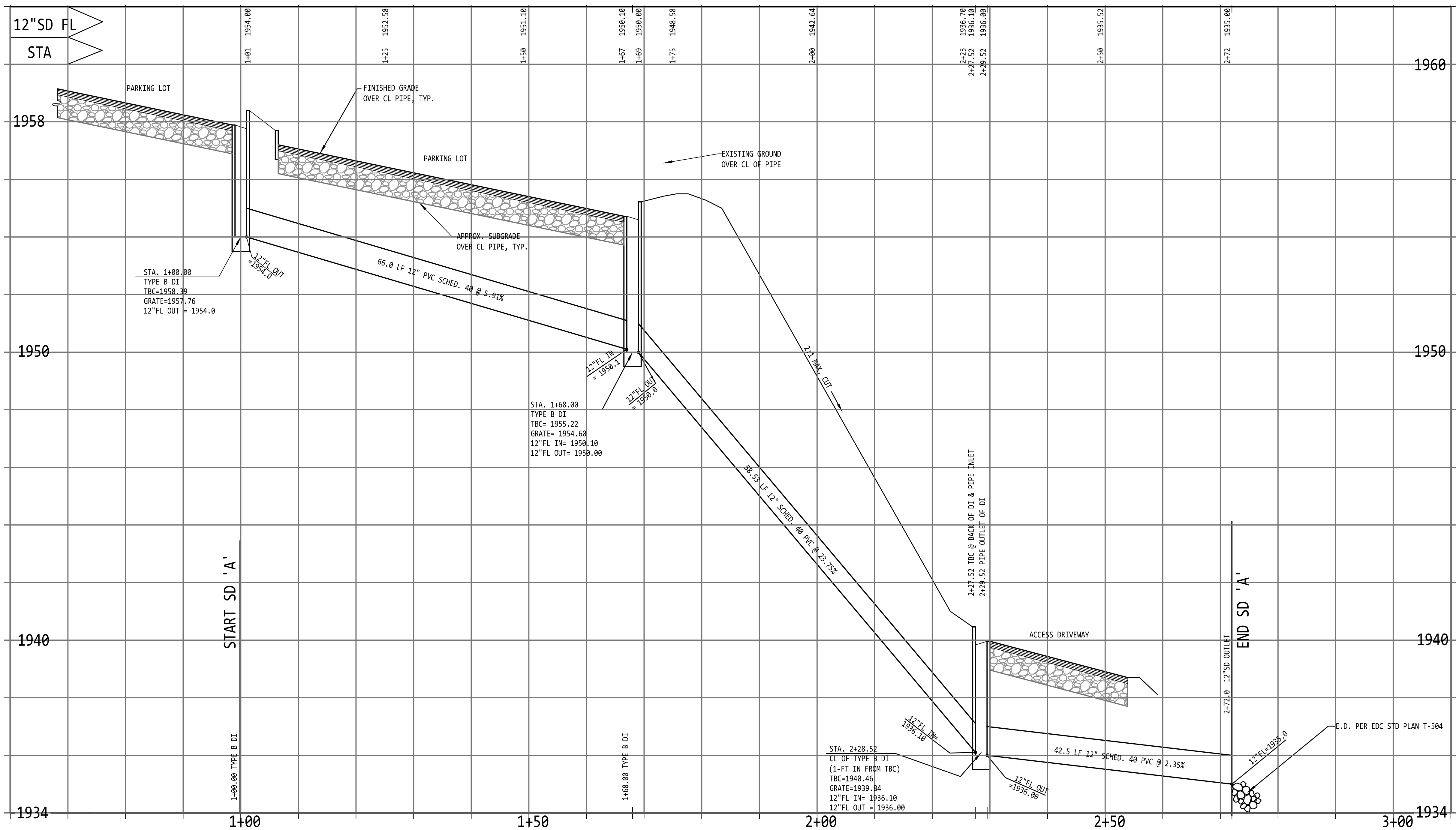
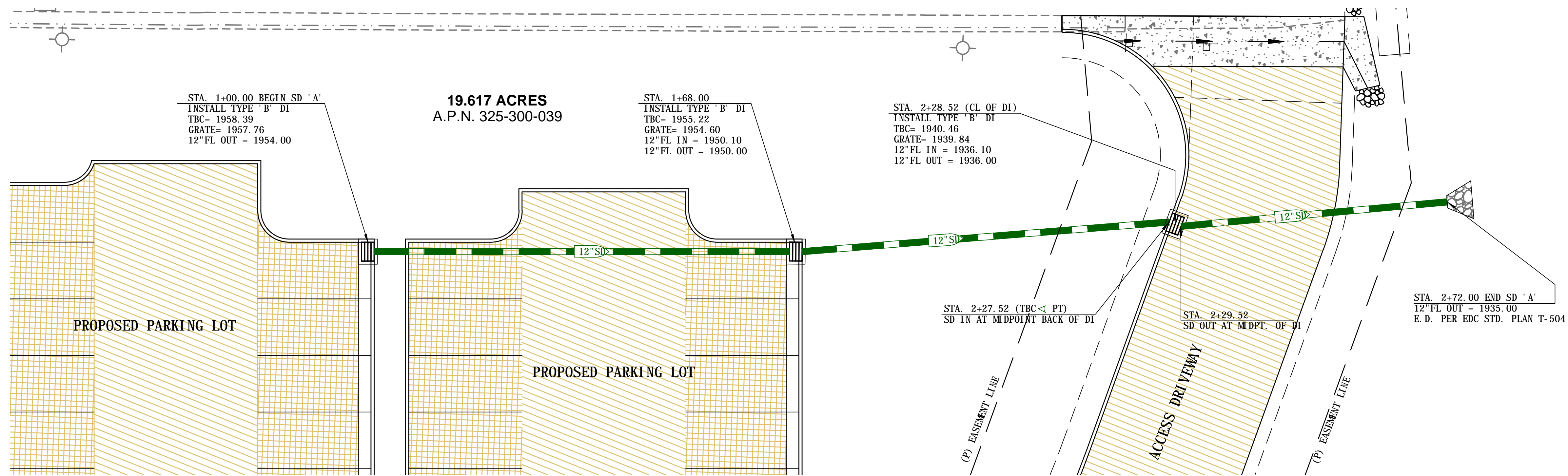
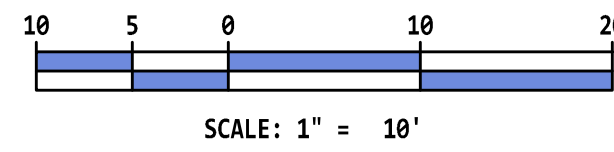
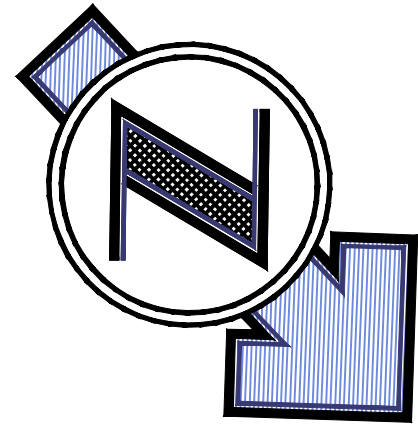
IMPROVEMENT PLANS
GRADING PLAN
 EDC Jail Parking Lot Expansion
 300 Formi Rd., Placerville, CA APN: 325-300-039

NO.	DESCRIPTION	DATE	BY

Project # 22-135
 Date: DECEMBER 2022
 Scale: 1" = 20'
 Designed by: B. Lebeck
 Drawn by: E. Alligui e

SHEET NO.
C6

Plot Date: Dec 16, 2022
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SCALE:
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

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PREPARED BY: [Logo]

Stamp Date: Dec 16, 2022

REGISTERED PROFESSIONAL ENGINEER
 BARBARA A. LEBECK
 No. 47045
 Exp. 9-30
 CIVIL
 STATE OF CALIFORNIA

IMPROVEMENT PLANS
STORM DRAIN 'A'
 EDC Jail Parking Lot Expansion
 300 Formi Rd., Placerville, CA APN: 325-300-39

NO.	REVISIONS DESCRIPTION	DATE	BY
1			
2			
3			
4			

Project # 22-135
 Date: DECEMBER 2022
 Scale: 1" = 10'
 Designed by: B. Lebeck
 Drawn by: BL; EA; JP

SHEET NO.
C7

Plot Date: Dec 16, 2022
 23-0201 B 89 of 119

Erosion Control Requirements and Specifications

COMBINED EL DORADO COUNTY RESOURCE CONSERVATION DISTRICT AND EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION EROSION CONTROL REQUIREMENTS AND SPECIFICATIONS
July 2006

I. Minimum Construction Site Storm Water Management Practices

The storm water management practices described below are the minimum, required water quality protection measures applicable to all construction sites, within Western El Dorado County. This listing does not include the various inspection, record keeping, training and reporting requirements. Additionally, there will be instances where project and site conditions require supplementing or deviating from these minimum protection requirements. The contractor is expected to deploy measures sufficient to achieve compliance with the County's Grading Ordinance; and, as applicable (projects which involve one acre or more of disturbed soil or are part of a larger common plan of development that encompasses one acre or more of disturbed soil), with the State Water Resources Control Board's (SWRCB) NPDES General Permit for Storm Water Discharges Associated with Construction Activity.

A. Scheduling

Construction shall be scheduled to minimize construction activities in "high-risk areas" and the amount of active disturbed soil areas, during the rainy season (Oct. 15th to May 1st). "High-risk areas" include those areas within 50 feet of USGS watercourses, 100-year flood plains, regulated wetlands, and where slopes exceed 16%.

Unless specifically authorized by the County's on-site representative, during the rainy season the contractor shall not schedule construction activities in "high risk areas" or schedule to have more than 5 acres of active disturbed soil area. Where permanent storm water treatment devices are to be constructed, these devices should, whenever feasible, be constructed as an early work item.

B. Preservation of Natural Features

Prior to the commencement of soil-disturbing activities, areas of existing vegetation that are to remain and environmentally sensitive areas (i.e. wetlands, protected habitats, etc) shall be fenced for protection. In general, site designs shall preserve existing vegetation to the maximum extent possible; and during construction, existing vegetation shall be preserved (and protected by fencing) for as long as possible to minimize erosion.

C. Storm Water Run-On and Concentrated Flows

Existing watercourses shall be protected; and if diverted, handled in a non-eroding fashion. To the extent feasible, all concentrated water flows shall be channeled away from disturbed soil areas / stockpiles. Concentrated water flows shall be conveyed in a non-eroding fashion.

D. Stockpile Management

Stockpiles shall be managed as follows:

- Soil stockpiles
 - Rainy season: Covered, or protected with soil stabilization measures & perimeter sediment barriers
 - Non-rainy season: Covered or protected with perimeter sediment barriers
- Concrete/asphalt rubble, rock and aggregate base/sub-base- Covered or protected with perimeter sediment barriers
- "Cold mix" asphalt - Covered

E. Sediment Tracking Control

Appropriate measures shall be deployed to minimize any tracking of sediment off-site by vehicles and/or equipment. These measures include stabilized construction entrances/exits & roadways, and tire washing. Where tracking occurs, streets shall be swept using a pickup sweeper with water supply.

F. Non-Storm Water Management

Non-storm water discharges shall be minimized to the extent feasible. Sediment-laden non-storm water is required to be filtered (or equivalent treatment) prior to discharging. Measures required to manage non-storm water discharges include: water conservation practices, dust control, material storage practices, vehicle/equipment operation and maintenance requirements, waste management practices, and spill prevention/control measures.

G. Disturbed Soil Area Management

Disturbed soil areas (DSA) shall be protected with an "effective combination" of measures including soil stabilization, sediment barriers and basins / traps. There may be situations where "Sediment Basins" or "Treatment" are able to substitute as alternative control measures to the normally required "effective combination" of soil stabilization, sediment barriers and basins / traps. However, when substituting these measures, the contractor must be prepared to demonstrate that the sediment load within storm water discharges from the construction site does not exceed natural or pre-construction levels.

- Soil stabilization measures include:
 - Hydraulic mulch (ref. CASQA BMP # EC-3)
 - Hydroseeding (ref. CASQA BMP # EC-4)
 - Suitably stabilized, non-polluting straw / wood / organic mulch (ref. CASQA BMP #'s EC-6 & EC-8)
 - Geotextiles, mats, plastic covers and erosion control blankets (ref. CASQA BMP # EC-7)
 - Stabilized construction roadways (ref. CASQA BMP # TC-2)
- Sediment barriers include:
 - Silt fences (ref. CASQA BMP # SE-1)
 - Sand/gravel bag barriers (ref. CASQA BMP #'s SE-6 & SE-8)
 - Straw bale barriers (ref. CASQA BMP # SE-9)
 - Fiber rolls (ref. CASQA BMP # SE-5)
- Basin / traps include:
 - Desilting basins (ref. Caltrans BMPs)
 - Sediment traps (ref. Caltrans BMPs)

On DSAs with slope lengths greater than 10 feet, the following measures shall be deployed:

- Rainy season (Oct. 15th to May 1st):
 - Non-active areas (no soil disturbing activities for 21 or more days)
 - On slopes equal to or flatter than 1:20 (V/H), soil stabilization
 - On slopes steeper than 1:20 (V/H), soil stabilization and sediment barriers
 - Active areas
 - On slopes steeper than 1:20 (V/H), sediment barriers
 - On slopes steeper than 1:2 (V/H) with slope lengths greater than 50 feet: soil stabilization; sediment barriers; and where feasible, basins / traps
- Non-rainy season:
 - Non-active areas (no soil disturbing activities for 21 or more days)
 - On slopes steeper than 1:2 (V/H), sediment barriers

5. General:

- Protection shall be deployed on non-active DSAs within 14 days from the cessation of soil-disturbing activities or one day prior to the predicted (40% or more chance) onset of significant precipitation, whichever occurs first. Protection shall be deployed on active DSAs prior to the predicted (40% or more chance) onset of significant precipitation.
- "Terraces." For cut slopes up to 60 feet in height, terraces at least 8 feet (2.4 meters) in width shall be established at not more than 30-foot (9.1 meters) vertical intervals on all cut slopes to control surface drainage and debris except that where only one terrace is required, it shall be at midheight. For cut slopes greater than 60 feet (18 meters) and up to 120 feet (37 meters) in vertical height, one additional terrace at approximately midheight shall be 12 feet (3.6 meters) in width. Terraces shall slope a minimum of 5 percent gradient toward the hillside. Terrace widths and spacing for cut slopes greater than 120 feet (36 meters) in height shall be designed by the Civil Engineer and approved by the Director. Suitable access shall be provided to permit proper cleaning and maintenance.
- "Sediment Basin." A basin with a capacity equivalent to at least 3600 cubic feet of storage (as measured from the bottom of the basin to the principal outlet) per acre draining into the basin. The length of the basin shall be more than twice the basin's width (length is determined by measuring the distance between the inlet and the outlet). The depth of the basin must not be less than three feet nor greater than five feet.
- "Treatment": A combination of basin and treatment engineered to capture and treat (to remove 0.01 mm sized particles and larger) the 10-year, 6-hour rain event using Q=CxIxA where C=0.5 and I ranges from 0.286 (El Dorado Hills) to 0.500 (Sly Park).

General reference:

- El Dorado County "Storm Water Management Plan", October 2004. Available online at www.co.el-dorado.ca.us

Detailed references:

- California Storm water Quality Association (CASQA) "Construction Handbook," January 2003, Errata September 2004. Available online at: www.co.el-dorado.ca.us
- Caltrans "Statewide Storm Water Quality Practice Guidelines," April 2003. Available online at: www.co.el-dorado.ca.us
- High Sierra Resource Conservation and Development Council "Vegetation Establishment Guidelines for the Sierra Nevada Foothills and Mountains," 2005. Available online at: <http://www.co.el-dorado.ca.us/emd/solidwaste/StormWater/HSRC20Vegetation%20Guidelines%20Final%202005.pdf>

II. CRITICAL AREA PLANTING SPECIFICATIONS (January 2006)

A. SCOPE - establishing vegetation on severely eroding areas or areas with an erosion potential. Its purpose is to stabilize the soil, minimize or prevent damage from sediment and runoff to downstream areas, protect wildlife habitat, and maintain aesthetic qualities.

B. AREAS TO BE SEEDED, TIMING OF SEEDING - Complete revegetation and stabilization of all disturbed soils, both within and outside county rights-of-way, will be accomplished with specified amounts and types of vegetative species, mulch and fertilizer material. See Major Land Resource Area exhibits MLRA 18 OR 22.

All erosion and sediment control practices performed after October 15, shall follow "rainy season" specification contained in the storm water management practices.

C. MATERIAL

1. Seed - All seed shall be delivered to the site tagged and labeled in accordance with the California Agricultural Code and shall be acceptable to the County Agricultural Commissioner. Seed shall be of a quality which has a minimum pure live seed content of 80% (% purity x % germination) and weed seed shall not exceed 0.5% of the aggregate of pure live seed and other materials. Legume seed shall be inoculated with inoculate specific to its needs within two hours prior to seeding. Inoculants shall not be used later than the date indicated on the container or as otherwise specified. All inoculated seed shall be labeled to show weight of seed, date of inoculation, and the weight and source of inoculant materials.

2. Fertilizer - A commercial fertilizer shall be Ammonium Phosphate and contain a minimum of 16% nitrogen, 20% phosphorus and 0% potash, uniform in composition, dry and free flowing, pelleted or granular. All fertilizer shall be delivered in unbroken or unopened containers, labeled in accordance with applicable state regulations and bearing the warranty of the producer for the grade furnished.

3. Mulch - Mulch shall be one of the following materials as approved by the government representative.

3A. Straw - Straw shall be new straw derived from rice, wheat, oats, or barley and be free of mold and noxious weed seed. Straw shall be furnished in air dry bales. Evidence shall be furnished that clearance has been obtained from the County Agricultural Commissioner, as required by law, before straw obtained from outside the county in which it is to be used is delivered to the site of the work.

3B. Wood Fiber Mulch - Wood fiber mulch is a wood cellulose fiber that contains no germinating or growth inhibiting factors. It is colored with a non-toxic, water soluble, green dye to provide a proper gauge for metering over ground surfaces. It has the property to be evenly dispersed and suspended when agitated in water.

D. SEEDING REQUIREMENTS

1. General - All seeding, fertilizer and mulching operations shall begin when approval is given by the appropriate County Engineer or Conservation District representative.

2. Seeded Preparation - The entire area to be seeded shall be reasonably smooth and conform to the desired shape before actual seedbed preparation is begun. Any debris which would interfere with seeding operations, growth or maintenance of the vegetative cover will be removed. The area to be seeded shall have a firm seedbed which has previously been roughened by scarifying, disking, harrowing, chiseling, or otherwise worked to a depth of two to four inches (2" - 4"). No implement shall be used that will create an excessive amount of downward movement of soil or clods of sloping areas. Seedbed may be prepared at time of completion of earth-moving work.

3. Fertilizing - Fertilizer shall be distributed uniformly over the seedbed at the rate of 300 pounds per acre, and shall be in such physical condition to insure uniform application over the area to be fertilized. Fertilizer may be applied in any way that will result in uniform distribution. The fertilizer shall be incorporated into the soil.

4. Seeding - Seed shall be broadcast by hand, mechanical hand seeder, power operated seeder, hydroseeder or other approved equipment. Seed shall have a soil cover of not more than one-half inch. Seeding will be carried out using either of the following methods:

Method 1 The seed may be drilled, not to exceed one-half (1/2) inch deep and cultipacked or rolled once over with a corrugated roller on all areas where equipment can be operated safely. Seed operations will be across the slope.

Method 2 The seed may be applied in a slurry mix of wood cellulose fiber distributed uniformly at the prescribed rate (see Item E.2, Wood Cellulose Fiber -Hydro-mulching, below). The application unit used for "Hydro Mulch" shall be equipped with an agitator to maintain the seed and mulch in suspension within the unit's tank prior to and during application.

Method 3 Where emergency treatment of exposed soils extends beyond October 15, emergency mulching without seed will be prescribed in accordance with "Soil stabilization measures" described previously.

Special Note: A minimum 70% seed germination with at least 1" growth must be obtained by December 1st, or area must be covered with straw mulch. (Section E-1)

Erosion/Pollution Control Notes

1. THE CONTRACTOR'S EQUIPMENT AND MATERIALS STORAGE YARD SHALL BE LOCATED AT LEAST FIFTY (50) FEET AWAY FROM ANY SWALES OR INTERMITTENT STREAMS AND THE INTERVENING VEGETATION SHALL BE LEFT INTACT.

2. ON-SITE FUEL TANKS SHALL HAVE PROPER CONTAINMENT BERMS IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. ALL WASTE OIL OR OTHER HAZARDOUS MATERIALS RESULTING FROM THE MAINTENANCE OF THE CONSTRUCTION EQUIPMENT ARE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE.

3. UPON COMPLETION OF WORK, ALL MATERIALS, DEBRIS, AND EQUIPMENT SHALL BE REMOVED FROM THE STORAGE SITE AND THE SITE REGRADED AND REVEGETATED TO BRING IT BACK TO A NATURAL CONDITION.

4. NO DUST PALLIATIVE MATERIALS OTHER THAN WATER SHALL BE USED ON THIS PROPERTY.

5. NO ROAD OIL OR LIQUID ASPHALT SHALL BE SPRAYED ON ROADWAYS DURING PERIODS WHERE STORM WATER RUNOFF WOULD BE LIKELY.

6. THE CONTRACTOR SHALL CONTROL HIS OPERATIONS TO MAKE SURE THAT CONSTRUCTION TRAFFIC THAT ENTERS AND LEAVES THE SITE SHALL HAVE FIRM STABLE ACCESS SO AS TO MINIMIZE THE TRACKING OF SEDIMENTS ONTO PAVED ROADWAYS.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN SEDIMENTS TRACKED ONTO PAVED ROADWAYS BY THE END OF EACH WORKDAY. LARGE CHUNKS OF SOIL SHALL BE SCRAPED OR BROOMED FROM THE ROADWAY AND PROPERLY RETURN TO THE CONSTRUCTION SITE PRIOR TO WASHING THE PAVEMENT CLEAN.

8. THE CONTRACTOR SHALL, AT ALL TIMES, KEEP PROPERTY ON WHICH WORK IS IN PROGRESS AND THE ADJACENT PROPERTY FREE FROM ACCUMULATIONS OF WASTE MATERIAL OR RUBBISH CAUSED BY EMPLOYEES OR BY THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WASTE RECEPTACLES ON THE JOB SITE AND INFORMING ALL EMPLOYEES THAT NO LITTER WILL BE ALLOWED ON THE PROJECT SITE. UPON COMPLETION OF THE CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY STRUCTURES, RUBBISH, AND WASTE MATERIALS RESULTING FROM HIS OPERATIONS.

9. ALL EROSION CONTROL AND DESILTATION FACILITIES FOR A CONSTRUCTION PROJECT SHALL BE IN PLACE AND FUNCTIONAL BY 15 OCTOBER. SAID FACILITIES SHALL BE INSPECTED WEEKLY AND AFTER ANY STORM EVENTS BY CONTRACTOR'S PERSONNEL TO DETERMINE THAT THE FACILITIES ARE FUNCTIONING PROPERLY. ANY REPAIRS NEEDED SHALL BE MADE PROMPTLY AND ANY SUBSTANTIAL DEPOSITS OF SILT OR DEBRIS SHALL BE CLEANED FROM THE FACILITIES AND PROPERLY DISPOSED OF.

10. ALL EROSION CONTROL AND DESILTATION FACILITIES FOR A CONSTRUCTION PROJECT SHALL BE IN PLACE AND FUNCTIONAL BY 15 OCTOBER. SAID FACILITIES SHALL BE INSPECTED WEEKLY AND AFTER ANY STORM EVENTS BY CONTRACTOR'S PERSONNEL TO DETERMINE THAT THE FACILITIES ARE FUNCTIONING PROPERLY. ANY REPAIRS NEEDED SHALL BE MADE PROMPTLY AND ANY SUBSTANTIAL DEPOSITS OF SILT OR DEBRIS SHALL BE CLEANED FROM THE FACILITIES AND PROPERLY DISPOSED OF.

11. THE CONTRACTOR SHALL CONTROL THE LOCATIONS WHERE CONCRETE TRUCK CLEAN OUT MAY OCCUR. CLEAN OUT SHALL NOT OCCUR WITHIN FIFTY (50) FEET OF A FLOWING STREAM

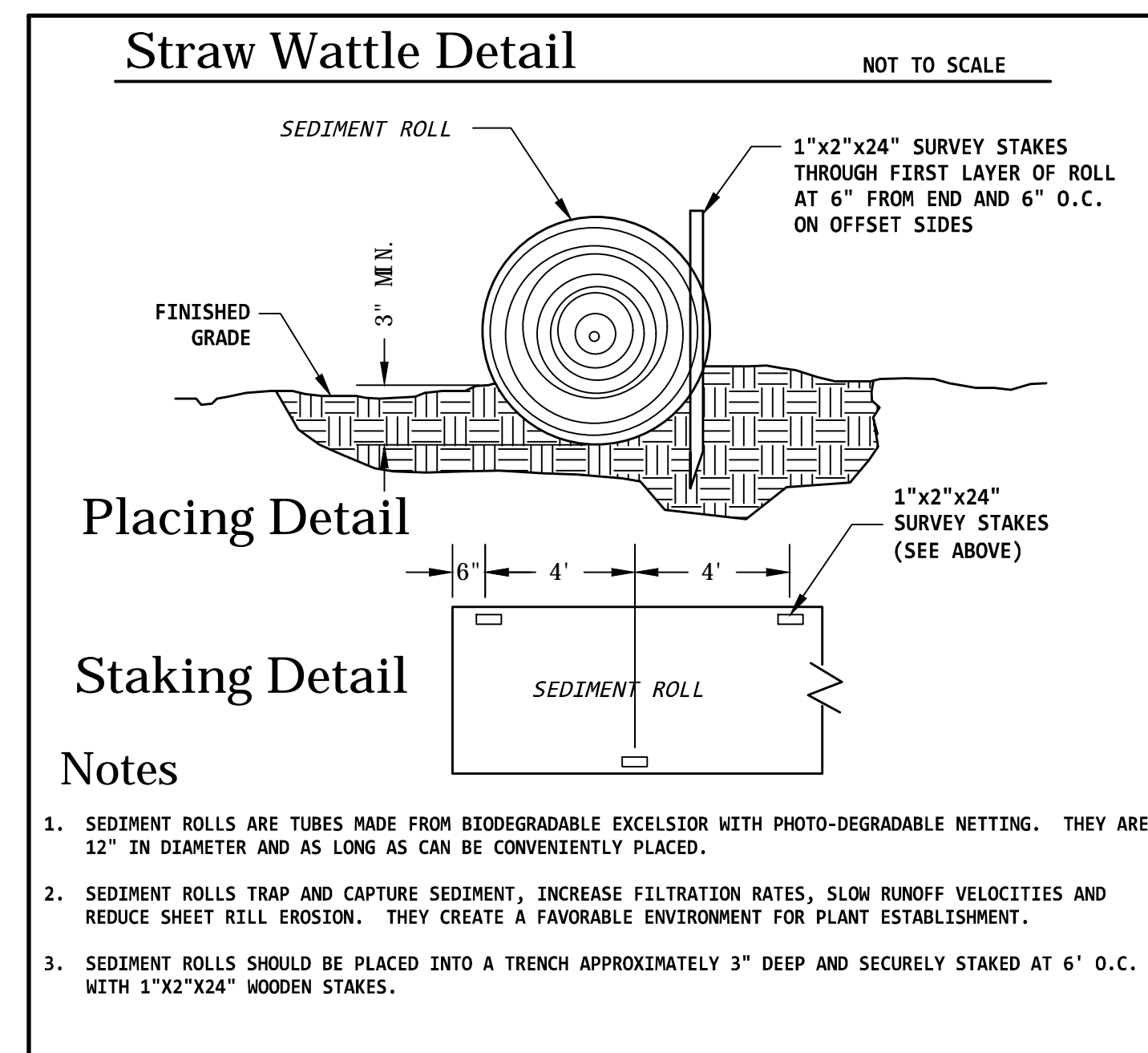
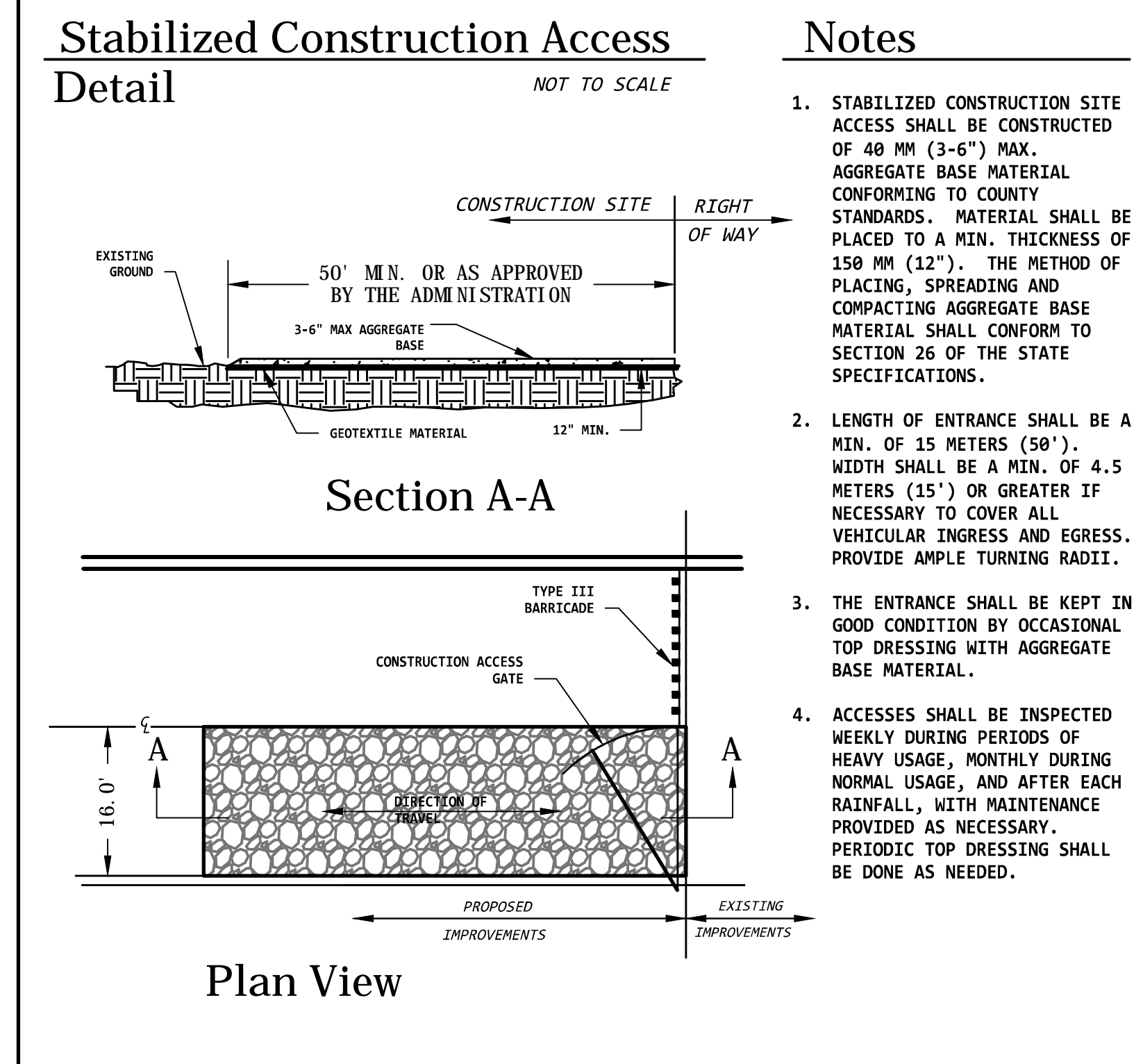
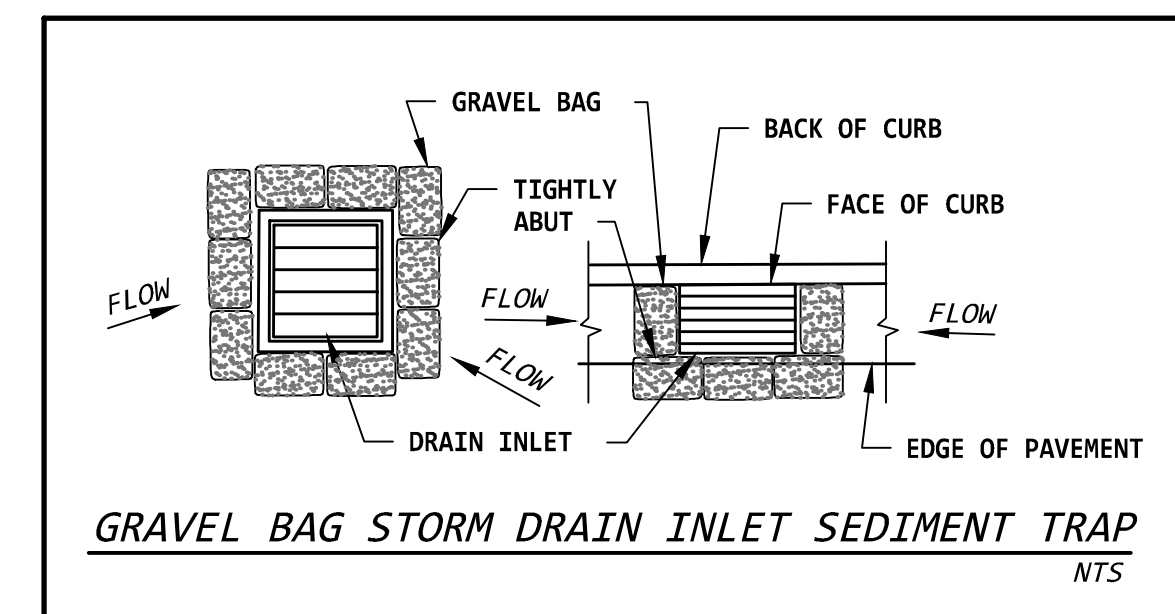
12. IN ADDITION TO COMPREHENSIVE PROJECT EROSION CONTROL FEATURES (SEDIMENTATION PONDS, INLET FILTERS, ETC.) SILT FENCES/HAY BALES/STRAW ETC. SHALL BE PLACED AS A FIRST LINE OF EROSION CONTROL BELOW ALL AREAS DISTURBED (10/15-5/15), INCLUDING STOCKPILED MATERIAL FROM GRADING AND TRENCHING OPERATIONS. ANY GRADING COMPLETED SHALL BE SEEDED/STRAWED IMMEDIATELY (10/15-5/15).

13. IT IS EXPRESSLY UNDERSTOOD THAT APPROVAL OF THIS PLAN SHALL NOT RELIEVE THE DEVELOPER, ENGINEER, OR CONTRACTOR OF ANY RESPONSIBILITIES UNDER THE PERMIT, AGREEMENT, OR PLANS FOR THE SUCCESSFUL IMPLEMENTATION OF SEDIMENTATION CONTROL IN CONFORMITY WITH THE REQUIREMENTS OF ALL COUNTY, STATE AND FEDERAL ORDINANCES, LAWS, MANUALS, CONDITIONS, PERMITS OR PLANS.

14. DURING GRADING, PAVE SURFACE OR ROCK ENCROACHMENTS TO ANY EXISTING ROADWAYS.

MLRA 22 (Elevations above Placerville)					
PERIOD	METHOD	TYPE OF SEED	AMOUNT PER ACRE	AMOUNT PER 1000 SQUARE FEET	MULCH TYPE
SEPT 15 - OCT 15	Hydroseed or Broadcasted	Potomac Orchardgrass	24 lbs.	0.55 lbs.	straw only
		or Luna Pubescent Wheatgrass	36 lbs.	0.8 lbs.	straw only
		or Topar Pubescent Wheatgrass	35 lbs.	0.8 lbs.	straw only
		and Wimmera '62 Ryegrass	6 lbs.	0.15 lbs.	straw only
OCT 16 - SEPT 14	Hydroseed or Broadcasted	Potomac Orchardgrass	48 lbs.	1.1 lbs.	straw only
		or Luna Pubescent Wheatgrass	72 lbs.	1.6 lbs.	straw only
		or Topar Pubescent Wheatgrass	72 lbs.	1.6 lbs.	straw only
		and Wimmera '62 Ryegrass	12 lbs.	0.3 lbs.	straw only

A MULCH COVERING SHALL BE APPLIED OVER THE SURFACE OF THE SEEDED AREA. MULCHING SHALL FOLLOW IMMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. MULCH WILL BE OF THE MATERIAL INDICATED.



- Notes
- SEDIMENT ROLLS ARE TUBES MADE FROM BIODEGRADABLE EXCELSTOR WITH PHOTO-DEGRADABLE NETTING. THEY ARE 12" IN DIAMETER AND AS LONG AS CAN BE CONVENIENTLY PLACED.
 - SEDIMENT ROLLS TRAP AND CAPTURE SEDIMENT, INCREASE FILTRATION RATES, SLOW RUNOFF VELOCITIES AND REDUCE SHEET RILL EROSION. THEY CREATE A FAVORABLE ENVIRONMENT FOR PLANT ESTABLISHMENT.
 - SEDIMENT ROLLS SHOULD BE PLACED INTO A TRENCH APPROXIMATELY 3" DEEP AND SECURELY STAKED AT 6' O.C. WITH 1"x2"x24" WOODEN STAKES.

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3430 ROBIN LANE, BLDG. #2
CAMERON PARK, CA 95682
Ph: (530) 677-4080
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PREPARED BY: [Logo]

Stamp Date: Dec 16, 2022

ENGINEER'S STAMP: [Professional Engineer Seal]

IMPROVEMENT PLANS

EROSION CONTROL NOTES

EDC Jail Parking Lot Expansion
300 Forni Rd., Placerville, CA APN: 325-300-39

NO.	DESCRIPTION	REVISIONS	
		DATE	BY

Project # 22-135
Date: DECEMBER 2022
NTS
Designed by: B. Lebeck
Drawn by: E. Alliguié

SHEET NO. **C8**

Plot Date: Dec 16, 2022
23-0201 B 90 of 119



NOTE: PLACE STORM DRAIN INLET PROTECTION (STONE-FILLED OR GRAVEL-FILLED GEOTEXTILE BAGS) AT THE NEAREST DOWNSTREAM DRAINAGE INLETS ON THE STREET BEFORE DISTURBING SOIL.

Erosion Control Legend	
DESCRIPTION	DEPICTION
STRAW WATTLE	
CRUSHED ROCK FILLED BAGS	

STRAW WATTLE/FIBER ROLL PLACEMENT

INSTALL ON ALL GRADED AREAS, PADS AND DRIVEWAYS (PRIOR TO PAVING) AND ON TOP AND MID-SLOPES

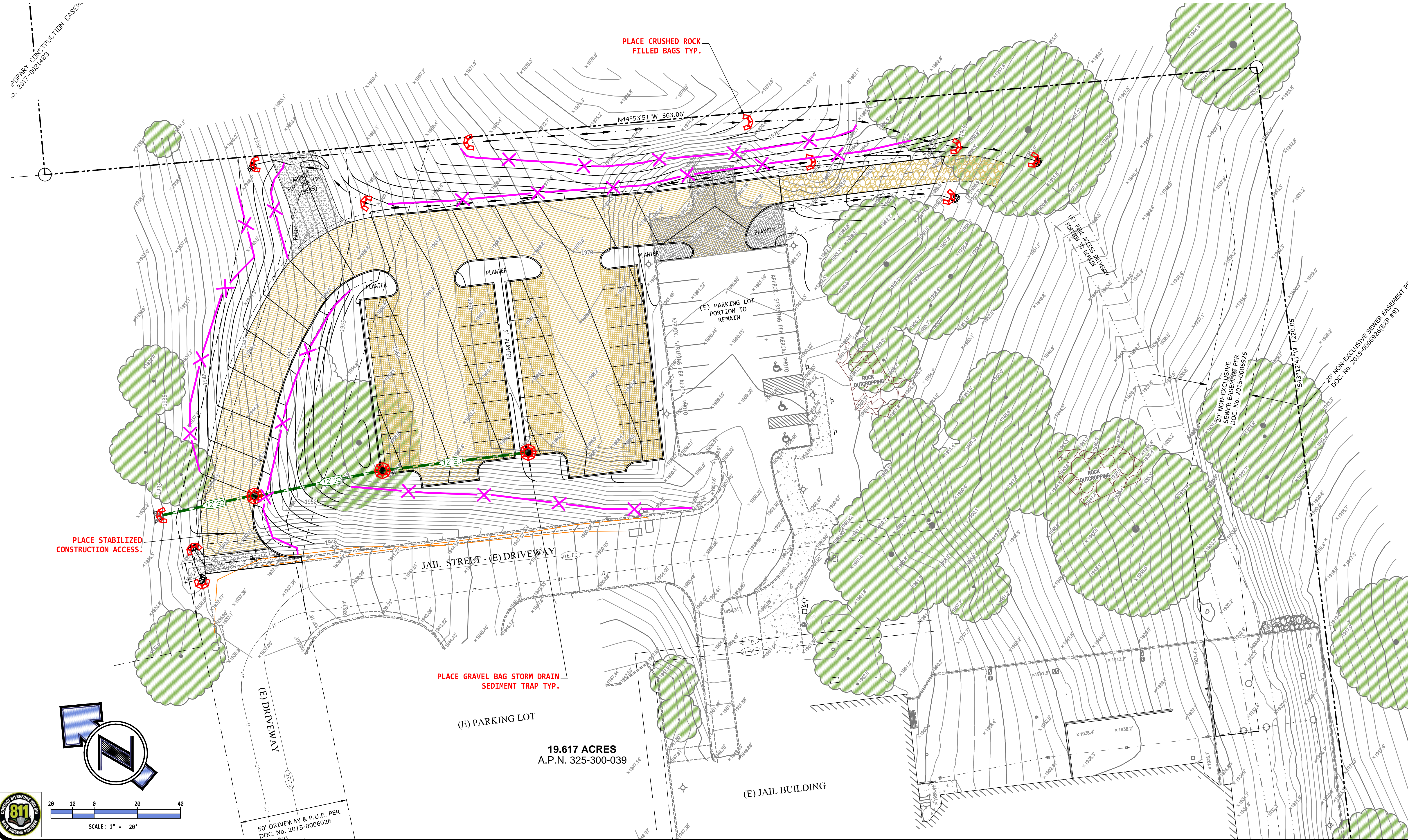
WATTLES IN STREETS AND ON PADS:

- 0-2% - 200' SPACING
- 2-5% - 100' SPACING
- 5-10% - 50' SPACING
- 10-20% - 25' SPACING
- 20-50% - 10' SPACING

PLACE CRUSHED ROCK FILLED BAGS TYP.

PLACE STABILIZED CONSTRUCTION ACCESS.

PLACE GRAVEL BAG STORM DRAIN SEDIMENT TRAP TYP.



PREPARED BY: 2017-0021893

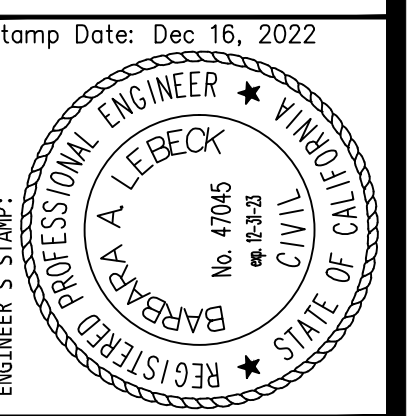


SCALE: 1" = 20'

50' DRIVEWAY & P.U.E. PER DOC. No. 2015-0006926

19.617 ACRES
A.P.N. 325-300-039

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IMPROVEMENT PLANS
EROSION CONTROL PLAN
EDC Jail Parking Lot Expansion
300 Forni Rd., Placerville, CA APN: 325-300-39

NO.	REVISIONS DESCRIPTION	DATE	BY
1			
2			
3			
4			

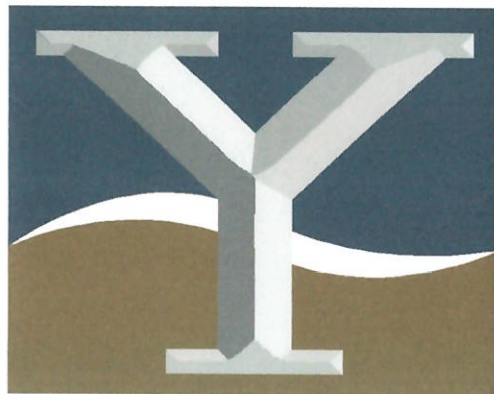
Project # 22-135
Date: DECEMBER 2022
Scale: 1" = 20'
Designed by: B. Lebeck
Drawn by: E. Alligui e

SHEET NO.
C9
Plot Date: Dec 16, 2022
23-0201 B 91 of 119

Attachment C

**GEOTECHNICAL ENGINEERING STUDY
FOR
EL DORADO COUNTY JAIL PARKING LOT EXPANSION
300 Forni Road
Placerville, California**

Project No. E19095.002
July 2022



YOUNGDAHL
ESTABLISHED 1984

Lebeck Engineering, Inc.
3430 Robin Lane, Bldg. 2
Cameron Park, California 95682

Project No. E19095.002
14 July 2022

Attention: Ms. Bobbie Lebeck

Subject: **EL DORADO COUNTY JAIL PARKING LOT EXPANSION**
300 Forni Road, Placerville, California
GEOTECHNICAL ENGINEERING STUDY

Reference: Proposal and Contract for El Dorado County Jail Parking Lot Expansion, prepared by Youngdahl Consulting Group, Inc., dated 27 May 2022 (Proposal No. PE22-122).

Dear Ms. Lebeck:

In accordance with your authorization of referenced proposal, Youngdahl Consulting Group, Inc. has performed a Geotechnical Engineering Study for the planned parking lot expansion at the El Dorado County Jail in Placerville, California. The purpose of this study was to perform a subsurface exploration and evaluate the surface and subsurface conditions at the site and provide geotechnical information and design criteria for the proposed project. Our scope was limited to a subsurface investigation, laboratory testing, and preparation of this report per the referenced agreement.

Based upon our observations, the geotechnical aspects of the site appear to be suitable for support of the proposed improvements provided the recommendations presented in this report are incorporated into the design and construction. Geotechnical conditions associated with site develop are anticipated to include overexcavation of loose native soils, processing existing grades for preparation to receive engineered fills, the placement of engineered fills, improvement for drainage controls, and the construction of retaining walls and pavements.

Due to the non-uniform nature of soils, other geotechnical issues may become more apparent during grading operations which are not listed above. The descriptions, findings, conclusions, and recommendations provided in this report are formulated as a whole; specific conclusions or recommendations should not be derived or used out of context. Please review the limitations and uniformity of conditions section of this report.

This report has been prepared for the exclusive use of the addressee of this report and their consultants, for specific application to this project, in accordance with generally accepted geotechnical engineering practice. Should you have any questions or require additional information, please contact our office at your convenience.

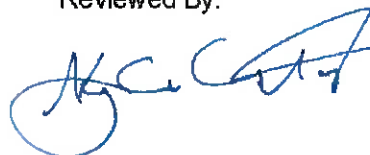
Very truly yours,
Youngdahl Consulting Group, Inc.



Mitchell Perigo
Staff Geologist

Distribution: PDF to Client

Reviewed By:



Kyle J. Martinez, P.E.
Senior Engineer



07/14/2022

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**GEOTECHNICAL ENGINEERING STUDY
FOR
EL DORADO COUNTY JAIL PARKING LOT EXPANSION**

1.0 INTRODUCTION

This report presents the results of our geotechnical engineering study performed for the proposed parking lot addition to be constructed at 300 Forni Road in Placerville, California. An annotated vicinity map is provided in Figure A-1 in Appendix A to identify the approximate project location.

Project Understanding

We understand that a parking lot expansion is planned along the north and northwest sides of the existing parking lots at the El Dorado County Jail in Placerville, California. While improvement plans for the parking lot have not yet been provided, we presume that construction of the lot will include cuts and fills on the order of 10 feet or less. The parking lot will be surfaced with asphalt concrete (AC). Additional improvements will likely entail pedestrian flatwork and sitework retaining walls.

If studies or plans pertaining to the site exist and are not cited as a reference in this report, we should be afforded the opportunity to review and modify our conclusions and recommendations as necessary.

Purpose and Scope

The purpose of this study was to explore and evaluate the surface and subsurface conditions at the site, to provide geotechnical information and design criteria, and to develop geotechnical recommendations for the proposed project. The scope of this study includes the following:

- A review of geotechnical and geologic data available to us at the time of our study;
- A field study consisting of a site reconnaissance and subsurface investigation program to observe and characterize the subsurface conditions;
- A laboratory testing program performed on representative samples collected during our field study;
- Engineering analysis of the data and information obtained from our field study, laboratory testing, and literature review;
- Development of geotechnical recommendations regarding earthwork construction including, site preparation and grading, excavation characteristics, soil moisture conditions, engineered fill criteria, underground improvements, and drainage;
- Development of geotechnical design criteria for seismic conditions, retaining walls, and pavements;
- Preparation of this report summarizing our findings, conclusions, and recommendations regarding the above-described information.

2.0 SITE CONDITIONS

The following section describes our findings regarding the site conditions that we observed during our site reconnaissance and subsequent subsurface exploration.

Surface Observations

The project site consists of an undeveloped lot situated at the northeast side of Jail Street in Placerville, California. The project site is bounded by the upper parking lot to the southeast and undeveloped property in the remaining directions. The site is relatively flat, with descending cut slopes along its southern and southeastern perimeters. The site generally slopes up at a 2H:1V



(Horizontal:Vertical) from upper parking lot then down at varying gradients, with a maximum gradient of approximately 3H:1V and a minimum of approximately 6H:1V. There is an additional 2H:1V slope along the southwest side of the site bordering Jail Street. The site is currently unimproved, and is surfaced with seasonal grasses and tress. Additionally, a few surface rock outcroppings were observed along the southwest side of the project site.

Subsurface Conditions

Our field study included a site reconnaissance by a representative of our firm and a subsurface exploration program conducted on 7 June 2022. The exploration program included the hand excavation of three test pits to evaluate the near surface soils conditions and the depth to bedrock. The approximate locations of the test pits are presented on Figure A-2, Appendix A.

Subsurface soils were consistent at the locations evaluated and included silty sands overlaying weathered bedrock. The upper soils were generally observed to be in a medium dense to very dense and moist condition. At Test Pits TP-1 and TP-2, weathered bedrock cobbles and gravels were encountered at 2 to 3 feet below the ground surface. Blue grey metamorphic Bedrock was encountered below the surface soils and was observed to be moderately to slightly weathered and hard to very hard.

Table 1: Soil Descriptions

Test Pit	Depth	Description
TP-1	0-1½'	Yellow Brown silty SAND (SM); medium dense, moist, fine grained sand
	1½-2'	Grades with Blue Grey Bedrock cobbles and gravel
	@2'	Blue Grey metamorphic BEDROCK; moderately to slightly weathered, hard to very hard
		Practical Refusal @ 2½'
TP-2	0-2½'	Yellow Brown silty SAND (SM); medium dense, moist, fine grained sand
	2½-3'	Grades with Blue Grey Bedrock cobbles and gravel
	@3'	Blue Grey metamorphic BEDROCK; moderately to slightly weathered, hard to very hard
		Practical Refusal @ 3'
TP-3	0-3'	Yellow Brown silty SAND (SM); medium dense, moist, fine grained sand
	3-4½'	Grades sandy, dense to very dense, slightly moist to dry
		Practical Refusal @ 4½'

Groundwater Conditions

A permanent groundwater table was not encountered at the project site and is expected to be relatively deep with no impact to the development of the site. However, due to the shallow depth and low permeability of the underlying rock, perched water is common to the area and could be encountered during grading operations. We did not observe perched water during our recent subsurface exploration program. The presence of perched water can vary because of many



factors such as, the proximity to rock, topographic elevations, and the presence of utility trenches. Some evidence of past repeated exposure to subsurface water may include black staining, clay deposits, and surface markings indicating previous seepage. Based on our experience in the area, water may be perched on the bedrock horizon found beneath the site and could vary through the year with higher concentrations during or following precipitation.

3.0 GEOTECHNICAL SOIL CHARACTERISTICS

The geotechnical soil characteristics presented in this section of the report are based on laboratory testing and observation of samples collected from subsurface soils.

Laboratory Testing

Laboratory testing of the collected samples was directed towards determining the physical and engineering properties of the soil underlying the site. A description of the tests performed for this project and the associated test results are presented in Appendix B. In summary, the following tests were performed for the preparation of this report:

Table 2: Laboratory Tests

Laboratory Test	Test Standard	Summary of Results	
Direct Shear	ASTM D3080	TP-1 @ 0-2.5'	$\Phi = 37.0^\circ$, $c = 0$ psf (90% RC)
Maximum Dry Density	ASTM D1557	TP-1 @ 0-2.5'	DD = 109.0 pcf, MC = 15.4 %
Resistance "R" Value	CTM 301	TP-1 @ 0-2.5'	"R" Value = 44

Soil Expansion Potential

The materials encountered in our explorations were generally non-plastic (rock, sand, and non-plastic silt). The non-plastic materials are generally considered to be non-expansive; therefore, we do not anticipate that special design considerations for expansive soils will be required for the design or construction of the proposed improvements. If necessary, recommendations can be made based on our observations at the time of construction should greater quantities of expansive soils be encountered at the project site which were not disclosed/encountered during our study.

4.0 GEOLOGY AND SEISMICITY

The geologic portion of this report includes a review of geologic data pertinent to the site based on an interpretation of our observations of the surface exposures and our observations in our exploratory test pits. If necessary, a geologic hazards evaluation may be performed to the requirements of the California Geological Society Note 48 under a separate scope of work.

Geologic Conditions

The site is situated in the western foothills region of the Sierra Nevada geomorphic province in El Dorado County, California. This province is dominated by long belts of metamorphic rock formed by ancient subduction and related volcanism, continental accretion and uplift during the Jurassic and Cretaceous ages (California Division of Mines and Geology, Open File Report 84-50, 1984).

The Generalized Geologic Map of El Dorado County, California (Busch, 2001) shows the project site and vicinity to be underlain by the Logtown Ridge Formation. This formation consists of a sequence of Late Jurassic mafic volcanic sedimentary rocks and interlayered flows and sills that are north-northwest trending and dip steeply to the east (Duffield & Sharp, 1975).



Seismicity

Our evaluation of seismicity for the project site included reviewing existing fault maps, obtaining seismic design parameters from the USGS online calculators and databases. For the purpose of this study, we used a latitude and longitude of 38.72489, -120.82348 to identify the project site.

Code Based Seismic Criteria

Based upon the subsurface conditions encountered during our study and our experience in the area, the site should be classified as Site Class C. The final choice of design parameters, however, remains the purview of the project structural engineer.

Table 3: Seismic Design Parameters*

	Reference	Seismic Parameter	Recommended Value
ASCE 7-16	Table 20.3-1	Site Class	C
	Figure 22-7	Maximum Considered Earthquake Geometric Mean (MCEC) PGA	0.189g
	Table 11.8-1	Site Coefficient F_{PGA}	1.211
	Equation 11.8-1	$PGA_M = F_{PGA} PGA$	0.228g
2019 CBC	Figure 1613.2.1(1)	Short-Period MCE at 0.2s, S_s	0.444g
	Figure 1613.2.1(2)	1.0s Period MCE, S_1	0.208g
	Table 1613.2.3(1)	Site Coefficient, F_a	1.300
	Table 1613.2.3(2)	Site Coefficient, F_v	1.500
	Equation 16-36	Adjusted MCE Spectral Response Parameters, $S_{MS} = F_a S_s$	0.577g
	Equation 16-37	Adjusted MCE Spectral Response Parameters, $S_{M1} = F_v S_1$	0.312g
	Equation 16-38	Design Spectral Acceleration Parameters, $S_{DS} = \frac{2}{3} S_{MS}$	0.385g
	Equation 16-39	Design Spectral Acceleration Parameters, $S_{D1} = \frac{2}{3} S_{M1}$	0.208g
	Table 1613.2.5(1)	Seismic Design Category (Short Period), Occupancy I to III	C
	Table 1613.2.5(1)	Seismic Design Category (Short Period), Occupancy IV	D
Table 1613.2.5(2)	Seismic Design Category (1-Sec Period), Occupancy I to IV	D	

*Based on the online calculator available at <https://earthquake.usgs.gov/ws/designmaps/>

Earthquake Induced Liquefaction, Settlement, and Surface Rupture Potential

Liquefaction is the sudden loss of soil shear strength and sudden increase in porewater pressure caused by shear strains, as could result from an earthquake. Research has shown that saturated, loose to medium-dense sands with a silt content less than about 25 percent and located within the top 40 feet are most susceptible to liquefaction and surface rupture/lateral spreading.

Due to the absence of permanently elevated groundwater table, the relatively low seismicity of the area and the relatively shallow depth to bedrock, the potential for seismically induced damage due to liquefaction, surface ruptures, and settlement is considered low. For the above-mentioned reasons mitigation for these potential hazards is not considered necessary for the development of this project.

Static and Seismically Induced Slope Instability

The existing slopes on the project site were observed to be shallow, have adequate vegetation on the slope face, appropriate drainage away from the slope face, and no apparent tension cracks or slump blocks in the slope face or at the head of the slope. No other indications of slope instability such as seeps or springs were observed. Additionally, due to the absence of permanently elevated groundwater table, the relatively low seismicity of the area, and the relatively shallow depth to bedrock, the potential for seismically induced slope instability for the existing slopes is considered negligible.



Naturally Occurring Asbestos

Asbestos is classified by the EPA as a known human carcinogen. Naturally occurring asbestos (NOA) has been identified as a potential health hazard. The California Geological Survey published a map in 2018 (Brujin; August 2018: Open File Report 2000-02 2018 Update) that qualitatively indicates the likelihood for NOA in western El Dorado County. The project site is not identified as being in an NOA review zone based on the published map. Therefore, we do not anticipate that special considerations for NOA will be required during or following grading operations.

5.0 DISCUSSION AND CONCLUSIONS

General

Based upon the results of our field explorations, findings, and analysis described above, it is our opinion that construction of the proposed improvements is feasible from a geotechnical standpoint, provided the recommendations contained in this report are incorporated into the design plans, specifications, and implemented during construction. The native soils and bedrock, once processed and compacted as recommended below, may be considered "engineered" and suitable for support of the planned improvements.

Geotechnical Considerations for Development

Proper application of drainage practices is considered to be of paramount concern for the effective development of the project site due to the shallow bedrock conditions. We recommend the use of plug and drain systems within the utilities, proper surface drainage, and careful installation of the subdrain and back of wall drains detailed in this report to provide long term stability of the structural improvements as well as mitigate nuisance seepage.

6.0 SITE GRADING AND EARTHWORK IMPROVEMENTS

Excavation Characteristics

Conventional equipment can likely be used for excavations not extending to the underlying bedrock materials. However, based upon our experience in the area and the shallow bedrock conditions encountered during our field study, large equipment capable of excavations into bedrock may be necessary for the project development. Due to mobility restrictions of large dozer equipment typically used for grading with shallow bedrock conditions, large excavators such as Komatsu PC400 or CAT 345 (or equivalent) equipped with special rock excavation/trenching equipment may be more appropriate for excavations. As such, contractors should have equipment of suitable size to perform the site excavations. Means of excavation stability and site safety is within the contractor's purview and left to the contractor's Competent Person.

Soil Moisture Considerations

The compaction of soil to a desired relative compaction is dependent on conditioning the soil to a target range of moisture content. Moisture contents that are excessively dry or wet could limit the ability of the contractor to compact soils to the requirements for engineered fill. When dry, moisture should be added to the soil and the soils blended to improve consistency. Wet soil will need to be dried to become compactable. Generally, this includes blending and working the soil to avoid trapping moisture below a dryer surficial crust. Other options are available to reduce the time involved but typically have higher costs and require more evaluation prior to implementation.

The largest contributor to excessive soil moisture is generally precipitation and seepage during the rainy season. In recognition of this, we suggest that consideration be given to the seasonal limitations and costs of winter grading operations on the site. Special attention should be given regarding the drainage of the project site. If the project is expected to work through the wet season, the contractor should install appropriate temporary drainage systems at the construction



site and should minimize traffic over exposed subgrades due to the moisture-sensitive nature of the on-site soils. During wet weather operations, the soil should be graded to drain and should be sealed by rubber tire rolling to minimize water infiltration.

Site Preparation

Preparation of the project site should involve site drainage controls, dust control, clearing and stripping, overexcavation of loose native soils, and exposed grade compaction considerations. The following paragraphs state our geotechnical comments and recommendations concerning site preparation.

Site Drainage Controls

We recommend that initial site preparation involve intercepting and diverting any potential sources of surface or near-surface water within the construction zones. Because the selection of an appropriate drainage system will depend on the water quantity, season, weather conditions, construction sequence, and methods used by the contractor, final decisions regarding drainage systems are best made in the field at the time of construction. All drainage and/or water diversion performed for the site should be in accordance with the Clean Water Act and applicable Storm Water Pollution Prevention Plan. The implementation of stormwater controls is the purview of the grading contractor.

Dust Control

Dust control provisions should be provided for as required by the local jurisdiction's grading ordinance (i.e. water truck or other adequate water supply during grading). Dust control is the purview of the grading contractor.

Clearing and Stripping

Clearing and stripping operations should include the removal of all organic laden materials including trees, bushes, root balls, root systems, and any soft or loose soil generated by the removal operations. Surface grass stripping operations are necessary based upon our observations during our site visit. Short or mowed dry grasses may be pulverized and lost within fill materials provided no concentrated pockets of organics result. It is the responsibility of the grading contractor to remove excess organics from the fill materials. **No more than 2 percent of organic material, by weight, should be allowed within the fill materials at any given location.**

General site clearing should also include removal of any loose or saturated materials within the proposed structural improvement and pavement areas. A representative of our firm should be present during site clearing operations to identify the location and depth of potential fills not disclosed by this report, to observe removal of deleterious materials, and to identify any existing site conditions which may require mitigation or further recommendations prior to site development.

Overexcavation and Recomposition of Loose Native Soils

Site preparation should also include removal of any loose or saturated materials within the proposed structural improvement and pavement areas. A representative of our firm should be present during site clearing operations to identify the location and depth of potential fills not disclosed by this report, to observe removal of deleterious materials, and to identify any existing site conditions which may require mitigation or further recommendations prior to site development.

Exposed Grade Compaction

Exposed soil grades following initial site preparation activities should be scarified to a minimum depth of 8 inches and compacted to the requirements for engineered fill. Generally, where firm



bedrock exposed, no scarification should be necessary; however, these surfaces should be moisture conditioned and compacted to mitigate disturbance resulting from site preparation. Prior to placing fill, the exposed subgrades should be in a firm and unyielding state. Any localized zones of soft or pumping soils observed within a subgrade should either be scarified and recompacted or be overexcavated and replaced with engineered fill as detailed in the engineered fill section below.

Engineered Fill Criteria

All materials placed as fills on the site should be placed as "Engineered Fill" which is observed, tested, and compacted as described in the following paragraphs.

Suitability of Onsite Materials

We expect that the soil generated from excavations on the site, excluding deleterious material, may be used as engineered fill provided the material does not exceed 8 inches in maximum dimension.

Fill Placement and Compaction

Engineered fills should be placed in thin horizontal lifts not to exceed 8 inches in uncompacted thickness. If the contractor can achieve the recommended relative compaction using thicker lifts, the method may be judged acceptable based on field verification by a representative of our firm using standard density testing procedures. Lightweight compaction equipment may require thinner lifts to achieve the recommended relative compaction. Fills should have a maximum particle size of 8 inches unless approved by our firm.

Table 4: Recommended Relative Compaction

Fill Materials	Relative Compaction	Method
Engineered Fill, General	90 percent	ASTM D1557
Utility Trench Backfill*	90 percent	ASTM D1557
Subgrade	95 percent	ASTM D1557
Aggregate Baserock Grade	95 percent	ASTM D1557
Asphalt Concrete Pavement	92 to 96 percent	ASTM D2041 or CTM 309

* Unless otherwise noted by the governing agency.

Our firm should be requested for consultation, observation, and testing for the earthwork operations prior to the placement of any fills. Fill soil compaction should be evaluated by means of in-place density tests performed during fill placement so that adequacy of soil compaction efforts may be determined as earthwork progresses.

Import Materials

The recommendations presented in this report are based on the assumption that the import materials will be similar to the materials present at the project site. High quality materials are preferred for import; however, these materials can be more dependent on source availability. Import material should be approved by our firm prior to transporting it to the project site.

Material for this project should consist of a material with the geotechnical characteristics presented below. If these requirements are not met, additional testing and evaluation may be necessary to determine the appropriate design parameters for foundations, pavement, and other improvements.



Table 5: Select Import Criteria

Behavior Property	Reference Document	Recommendation
Direct Shear Strength	ASTM D3080	≥ 34° when compacted
Plasticity Index	ASTM D4318	< 12
Expansion Index	ASTM D4829	≤ 20
Sieve Analysis	ASTM D1140	Not more than 30% Passing the No. 200 sieve
Maximum Aggregate Size	ASTM D1140	≤ 6"
Resistance "R" Value	CTM 301	≥ 35

Underground Improvements

Trench Excavation

Trenches or excavations in soil should be shored or sloped back in accordance with current Cal/OSHA regulations prior to persons entering them. The potential use of a shield to protect workers cannot be precluded. Refer to the Excavation Characteristics section above for anticipated excavation conditions.

Backfill Materials

Backfill materials for utilities should conform to the requirements of the local jurisdiction. It should be realized that permeable backfill materials will likely carry water at some time in the future. When backfilling within structural footprints, compacted low permeability materials are recommended to be used a minimum of 5 feet beyond the structural footprint to minimize moisture intrusion.

Backfill Compaction

Backfill compaction should conform to the requirements of the local jurisdiction or to the recommendations of this report, whichever is greater. Where backfill compaction is not specified by the local jurisdiction, the backfill should be compacted to achieve the minimum relative compactions specified above.

Drainage Considerations

On projects with the potential for a perched groundwater condition (i.e. shallow bedrock), underground utilities can become collection points for subsurface water. As a result, we recommend that slurry plugs be installed to collect and convey water to the storm drain system or other approved outlet. Temporary dewatering measures may be necessary and could include the installation of submersible pumps and/or point wells. Once plans are developed, the civil engineer should coordinate with us to discuss the locations of plug and drains.

7.0 DESIGN RECOMMENDATIONS

The contents of this section include recommendations for exterior flatwork, retaining walls, pavements, and drainage.

Exterior Flatwork

Exterior concrete flatwork is recommended to be underlain by a 4-inch thick rock cushion. This could consist of vibroplate compacted crushed rock or compacted ¾-inch aggregate baserock. If exterior flatwork concrete is against the floor slab edge without a moisture separator it may transfer moisture to the floor slab. Expansion joint felt should be provided to separate exterior flatwork from foundations and at least at every third joint. Contraction / groove joints should be provided to a depth of at least 1/4 of the slab thickness and at a spacing of less than 30 times the



slab thickness for unreinforced flatwork, dividing the slab into nearly square sections. Cracks will tend to occur at recurrent corners, curved or triangular areas and at points of fixity. Trim bars can be utilized at right angle to the predicted crack extending 40 bar diameters past the predicted crack on each side.

Retaining Walls

Shallow conventional foundation systems are considered suitable for construction of the planned retaining walls, provided that the site is prepared in accordance with the recommendations discussed in Section 6.0 of this report.

The provided values do not constitute a structural design of foundations which should be performed by the structural engineer. In addition to the provided recommendations, foundation design and construction should conform to applicable sections of the 2019 California Building Code.

Foundation Capacities

The foundation bearing and lateral capacities are presented in the table below. The allowable bearing capacities are for support of dead and live loads based on the foundation configuration presented in this report. The allowable capacities may be increased by 1/3 for short-term wind and seismic loads. Lateral forces on structures may be resisted by passive pressure acting against the sides of shallow footings and/or friction between the foundation bearing material and the bottom of the footing. Section 1806.3 of the 2019 CBC allows for the combination of the friction factor and passive resistance value to lateral resistance. Consideration should be given to ignoring passive resistance where soils could be disturbed later or within 6 feet horizontally of the slope face.

Table 6: Foundation Capacities

Soil Type	Design Condition	Design Value	Applied Factor of Safety
Engineered Fill or Firm Native Soil	Allowable Bearing Capacity	2,500 psf	3.0
	Allowable Fiction Factor*	0.45	1.5
	Allowable Passive Resistance	260 psf/ft	1.5
Bedrock	Allowable Bearing Capacity	4,000 psf	3.0
	Allowable Fiction Factor	0.50	1.5
	Allowable Passive Resistance*	400 psf/ft	1.5

* Friction Factor is calculated as $\tan(\phi)$

Foundation Configuration

Conventional shallow foundations should be a minimum of 12 inches wide and founded a minimum of 12 inches below the lowest adjacent soil grade. Foundation reinforcement should be provided by the structural engineer. All footings should be founded below an imaginary 2H:1V plane projected up from the bottoms of adjacent footings and/or parallel utility trenches, or to a depth that achieves a minimum horizontal clearance of 6 feet from the outside toe of the footings to the slope face, whichever requires a deeper excavation.

Subgrade Conditions

Footings should never be cast atop soft, loose, organic, slough, debris, nor atop subgrades covered by ice or standing water. A representative of our firm should be retained to observe all



subgrades during footing excavations and prior to concrete placement so that a determination as to the adequacy of subgrade preparation can be made.

Retaining Wall Lateral Pressures

Based on our observations and testing, the retaining wall should be designed to resist lateral pressure exerted from a soil media having an equivalent fluid weight provided in the table below. The values presented below are not factored and are for conditions when firm native soil or engineered fill is used within the zone behind the wall defined as twice the height of the retaining wall. Additionally, the values do not account for the friction of the backfill on the retaining wall which may or may not be present depending on the wall materials and construction.

The lateral pressures presented in the table below include recommendations for earthquake loading which is required for structures to be designed in Seismic Design Categories D, E or F per Section 1803.5.12.1 of the 2019 California Building Code states. The lateral pressures presented have been calculated using the Mononobe-Okabe Method derived from Wood (1973) and modified by Whitman et al. (1991)). The values are intended to be used as the multiplier for uniformly distributed loads and the parameter "H" is the total height of the wall including the footing but excluding any key, if used.

Table 7: Retaining Wall Pressures*

Wall Type	Wall Slope Configuration	Equivalent Fluid Weight (pcf)	Lateral Pressure Coefficient	Earthquake Loading (plf)
Free	Flat	30	0.27	4H ²
Cantilever	2H:1V	45	0.40	Applied 0.6H above the base of the wall
Restrained**	Flat	45	0.40	

* Untreated clay soils should not be utilized as retaining wall backfill.

** Restrained conditions shall be defined as walls which are structurally connected to prevent flexible yielding, or rigid wall configurations (i.e. walls with numerous turning points) which prevent the yielding necessary to reduce the driving pressures from an at-rest state to an active state.

Generalized Design Values

Some software and design methods do not use the equivalent fluid weight method presented above; instead they use design soil properties for a given soil condition such as the internal friction angle, cohesion, and bulk unit weight. Generally, this occurs for keyed or interlocking non-mortared walls such as segmental block (Basalite, Keystone, Allan Block, ect.) or rockery walls. When this occurs, the following soil parameters would be applicable for design with the onsite native materials in a firm condition or for engineered fills. The seismic coefficient is considered to be ½ of the adjusted peak ground acceleration for the site conditions is given in Section 4.0 of this report. Some software allows for the extension of the Mononobe-Okabe Method beyond the conventional limitations and, if the method is applied, could calculate seismic values significantly higher than those provided by the multiplier method provided above.

Table 8: Generalized Design Parameters

Internal Angle of Friction	Cohesion	Bulk Unit Weight	Seismic Coefficient, Kh
36°	0 psf	120 psf	0.114g

Wall Drainage

The criteria presented above is based on fully drained conditions as detailed in the attached Figure C-1, Appendix C. For these conditions, we recommend that a blanket of filter material be placed behind all proposed walls. The filter material should conform to Class 1, Type B permeable material in combination with a filter fabric to separate the open graded gravel/rock from the



surrounding soils. Generally, a clean ¾ inch crushed rock should be acceptable. Consistent with Caltrans Standards, when Class 2 permeable materials are used, the filter fabric may be omitted unless otherwise designed. Permeable materials are specified in Section 68 of the California Department of Transportation Standard Specifications, current edition.

The blanket of filter material should be a minimum of 12-inches thick and should extend from the bottom of the wall to within 12 inches of the ground surface. The top 12 inches of wall backfill should consist of a compacted soil cap. A filter fabric having specifications equal to or greater than those for Mirafi 140N should be placed between the gravel filter material and the surrounding soils to reduce the potential for infiltration of soil into the gravel. A 4-inch diameter drain pipe should be installed near the bottom of the filter blanket with perforations facing down. The drainpipe should be underlain by at least 4 inches of filter-type material. An adequate gradient should be provided along the top of the foundation to discharge water that collects behind the retaining wall to a controlled discharge system.

The configuration of a long retaining wall generally does not allow for a positive drainage gradient within the perforated drain pipe behind the wall since the wall footing is generally flat with no gradient for drainage. Where this condition is present, to maintain a positive drainage behind the walls, we recommend that the wall drains be provided with a discharge to an appropriate non-erosive outlet a maximum of 50 feet on center. **In addition, if the wall drain outlets are temporarily stubbed out in front of the walls for future connection during building construction, it is imperative that the outlets be routed into the tight pipe area drainage system and not buried and rendered ineffective.**

Asphalt Concrete Pavement Design

We understand that asphalt pavements will be used for the associated roadways. The following comments and recommendations are given for pavement design and construction purposes. All pavement construction and materials used should conform to applicable sections of the latest edition of the California Department of Transportation Standard Specifications.

Relative Compaction

The asphalt concrete pavement section should be constructed to achieve the minimum relative compactions specified in Section 6.0 of this report. Deviation from the following table should be reviewed by the governing agency when the pavements are to be constructed within their right-of-way. Final acceptance of the constructed pavement section is the purview of the governing agency or owner of the site.

Subgrade Stability

All subgrades and aggregate base should be proof-rolled with a full water truck or equivalent immediately before paving, in order to evaluate their condition. If unstable subgrade conditions are observed, these areas should be overexcavated down to firm materials and the resulting excavation backfilled with suitable materials for compaction (i.e. drier native soils or aggregate base). Areas displaying significant instability may require geotextile stabilization fabric within the overexcavated area, followed by placement of aggregate base. Final determination of any required overexcavation depth and stabilization fabric should be based on the conditions observed during subgrade preparation.

Subgrade Resilience Value

Critical features that govern the durability of a pavement section include the stability of the subgrade; the presence or absence of moisture, free water, and organics; the fines content of the subgrade soils; the traffic volume; and the frequency of use by heavy vehicles. Soil conditions



can be defined by a soil resistance value, or "R-Value," and traffic conditions can be defined by a Traffic Index (TI).

Laboratory testing was performed on a bulk sample considered to be representative of the materials expected to be exposed at subgrade. The tested soil had an R-Value of 44 for the site soils. Given our experience in the area and the potential for soil variability, an R-Value of 35 was used for the purposes of this report.

Design values provided are based upon properly drained subgrade conditions. Although the R-Value design to some degree accounts for wet soil conditions, proper surface and landscape drainage design is integral in performance of adjacent street sections with respect to stability and degradation of the asphalt. If clay soils are encountered and cannot be sufficiently blended with non-expansive soils, we should review pavement subgrades to determine the appropriateness of the provided sections, and provide additional pavement design recommendations as field conditions dictate. Even minor clay constituents will greatly reduce the design R-Value. Due to the redistribution of materials that occurs during grading operations, we should review pavement subgrades to determine the appropriateness of the provided sections.

Section Thickness

The recommended design thicknesses presented in the following table were calculated in accordance with the methods presented in the Sixth Edition of the California Department of Transportation Highway Design Manual. A varying range of traffic indices are provided for use by the project Civil Engineer for roadway design.

Table 9: Asphalt Pavement Section Recommendations (R-Value = 35)

Design Traffic Indices	Alternative Pavement Sections (Inches)	
	Asphalt Concrete *	Aggregate Base **
4.5	2.5	4.5
	3.0	4.0
5.0	2.5	6.0
	3.0	4.5
5.5	3.0	6.0
	3.5	5.0
6.0	3.0	7.5
	3.5	6.5
6.5	3.5	8.0
	4.0	7.0
7.0	4.0	8.5
	4.5	7.5
8.0	4.5	10.0
	5.0	9.5
9.0	5.5	11.0
	6.0	10.5
10.0	6.0	13.0
	7.0	11.0

* Asphalt Concrete: must meet specifications for Caltrans Hot Mix Asphalt Concrete

** Aggregate Base: must meet specifications for Caltrans Class II Aggregate Base (R-Value = minimum 78)

Portland Cement Concrete Pavement Design

We understand that Portland cement concrete pavements may be considered for various aspects of the parking and drive access areas. The American Concrete Institute (ACI) Concrete Pavement Design method (ACI 330R-08) was used for design of the exterior concrete (rigid) pavements at the site.



Relative Compaction

The asphalt concrete pavement section should be constructed to achieve the minimum relative compactions specified in Section 6.0 of this report. Deviation from the following table should be reviewed by the governing agency when the pavements are to be constructed within their right-of-way. Final acceptance of the constructed pavement section is the purview of the governing agency.

Subgrade Stability

All subgrades and aggregate base should be proof-rolled with a full water truck or equivalent immediately before paving, in order to evaluate their condition.

Soil Design Parameters

The pavement thicknesses were evaluated based on the soil design parameters provided in the following table.

Table 10: Soil Parameters

Subgrade Soil Description	k, Modulus of Subgrade Reaction*	Base Course
Silty SAND	150 pci	6 inches

* Based on an R-Value of 35 as recommended above and correlated to a k-Value recommended by ACI 330R.

Section Thickness

Based on the subgrade soil parameters shown in the above table, the recommended concrete thicknesses for various traffic descriptions are presented in the table below. The recommended thicknesses provided below assume the use of plain (non-reinforced) concrete pavements.

Table 11: Concrete Pavement Section Recommendations

Category	ADTT*	Pavement Traffic Description	Thickness (inches)	
			3000 psi**	4000 psi**
A	1	Car parking areas and access lanes Autos, pickups, and panel trucks only	4.5	4.5
A	10		5.0	5.0
B	25	Shopping center entrance and service lanes Bus parking areas and interior lanes	6.0	5.5
B	300		6.5	6.0
C	100	Roadway Entrances and Exterior Lanes	6.5	6.5
C	300		7.0	6.5
C	700		7.0	7.0
D	700	Multiple Units (i.e. tractor trailer with one or more trailers)	8.0	8.0

* Average Daily Truck Traffic

** 28-day concrete compressive strength

Jointing and Reinforcement

From a geotechnical perspective, contraction joints should be placed in accordance with the American Concrete Institute (ACI) recommendations which include providing a joint spacing about 30 times the slab thickness up to a maximum of 10 feet. The joint patterns should also divide the slab into nearly square panels. If increased joint spacing is desired, reinforcing steel should be installed within the pavement in accordance with ACI recommendations. Final determination of steel reinforcement configurations (if used within the pavements) remains the purview of the Project Structural Engineer.



Drainage

In order to maintain the engineering strength characteristics of the soil presented for use in this report, maintenance of the site will need to be performed. This maintenance generally includes, but is not limited to, proper drainage and control of surface and subsurface water which could affect structural support and fill integrity. A difficulty exists in determining which areas are prone to the negative impacts resulting from high moisture conditions due to the diverse nature of potential sources of water; some of which are outlined in the paragraph below. We suggest that measures be installed to minimize exposure to the adverse effects of moisture, but this will not guarantee that excessive moisture conditions will not affect the structures.

Some of the diverse sources of moisture could include water from annual rainfall, offsite construction activities, runoff from impermeable surfaces, collected and channeled water, and water perched in the subsurface soils.

Some measures that can be employed to minimize the buildup of moisture include, but are not limited to proper backfill materials and compaction of utility trenches within the footprint of the proposed structure; grout plugs at foundation penetrations; collection and channeling of drained water from impermeable surfaces (i.e. roofs, concrete or asphalt paved areas); installation of subdrain/cut-off drain provisions; utilization of low flow irrigation systems.

Post Construction

All drainage related issues may not become known until after construction and landscaping are complete. Therefore, some mitigation measures may be necessary following site development.

8.0 DESIGN REVIEW AND CONSTRUCTION MONITORING

Geotechnical engineering can be affected by natural variability of soils and, as with many projects, the contents of this report could be used and interpreted by many design professionals for the application and development of their plans. For these reasons, we recommend that our firm provide support through plan reviews and construction monitoring to aid in the production of a successful project.

Plan Review

The design plans and specifications should be reviewed and accepted by Youngdahl Consulting Group, Inc. prior to contract bidding. A review should be performed to determine whether the recommendations contained within this report are still applicable and/or are properly interpreted and incorporated into the project plans and specifications. Modifications to the recommendations provided in this report or to the design may be necessary at the time of our review based on the proposed plans.

Construction Monitoring

Construction monitoring is a continuation of geotechnical engineering to confirm or enhance the findings and recommendations provided in this report. It is essential that our representative be involved with all grading activities in order for us to provide supplemental recommendations as field conditions dictate. Youngdahl Consulting Group, Inc. should be notified at least two working days before site clearing or grading operations commence, and should observe the stripping of deleterious material, overexcavation of existing fills, and provide consultation, observation, and testing services to the grading contractor in the field. At a minimum, Youngdahl Consulting Group, Inc. should be retained to provide services listed in Table 12 below.

The recommendations included in this report have been based in part on assumptions about strata variations that may be tested only during earthwork. Accordingly, these recommendations



should not be applied in the field unless Youngdahl Consulting Group, Inc. is retained to perform construction observation and thereby provide a complete professional geotechnical engineering service through the observational method. Youngdahl Consulting Group, Inc. cannot assume responsibility or liability for the adequacy of its recommendations when they are used in the field without Youngdahl Consulting Group, Inc. being retained to observe construction.

9.0 LIMITATIONS AND UNIFORMITY OF CONDITIONS

1. This report has been prepared for the exclusive use of the addressee of this report for specific application to this project. The addressee may provide their consultants authorized use of this report. Youngdahl Consulting Group, Inc. has endeavored to comply with generally accepted geotechnical engineering practice common to the local area. Youngdahl Consulting Group, Inc. makes no other warranty, expressed or implied.
2. As of the present date, the findings of this report are valid for the property studied. With the passage of time, changes in the conditions of a property can occur whether they be due to natural processes or to the works of man on this or adjacent properties. Legislation or the broadening of knowledge may result in changes in applicable standards. Changes outside of our control may cause this report to be invalid, wholly or partially. Therefore, this report should not be relied upon after a period of three years without our review nor should it be used or is it applicable for any properties other than those studied.
3. Section [A] 107.3.4 of the 2019 California Building Code states that, in regard to the design professional in responsible charge, the building official shall be notified in writing by the owner if the registered design professional in responsible charge is changed or is unable to continue to perform the duties.

WARNING: Do not apply any of this report's conclusions or recommendations if the nature, design, or location of the facilities is changed. If changes are contemplated, Youngdahl Consulting Group, Inc. must review them to assess their impact on this report's applicability. Also note that Youngdahl Consulting Group, Inc. is not responsible for any claims, damages, or liability associated with any other party's interpretation of this report's subsurface data or reuse of this report's subsurface data or engineering analyses without the express written authorization of Youngdahl Consulting Group, Inc.

4. The analyses and recommendations contained in this report are based on limited windows into the subsurface conditions and data obtained from subsurface exploration. The methods used indicate subsurface conditions only at the specific locations where samples were obtained, only at the time they were obtained, and only to the depths penetrated. Samples cannot be relied on to accurately reflect the strata variations that usually exist between sampling locations. Should any variations or undesirable conditions be encountered during the development of the site, Youngdahl Consulting Group, Inc. will provide supplemental recommendations as dictated by the field conditions.

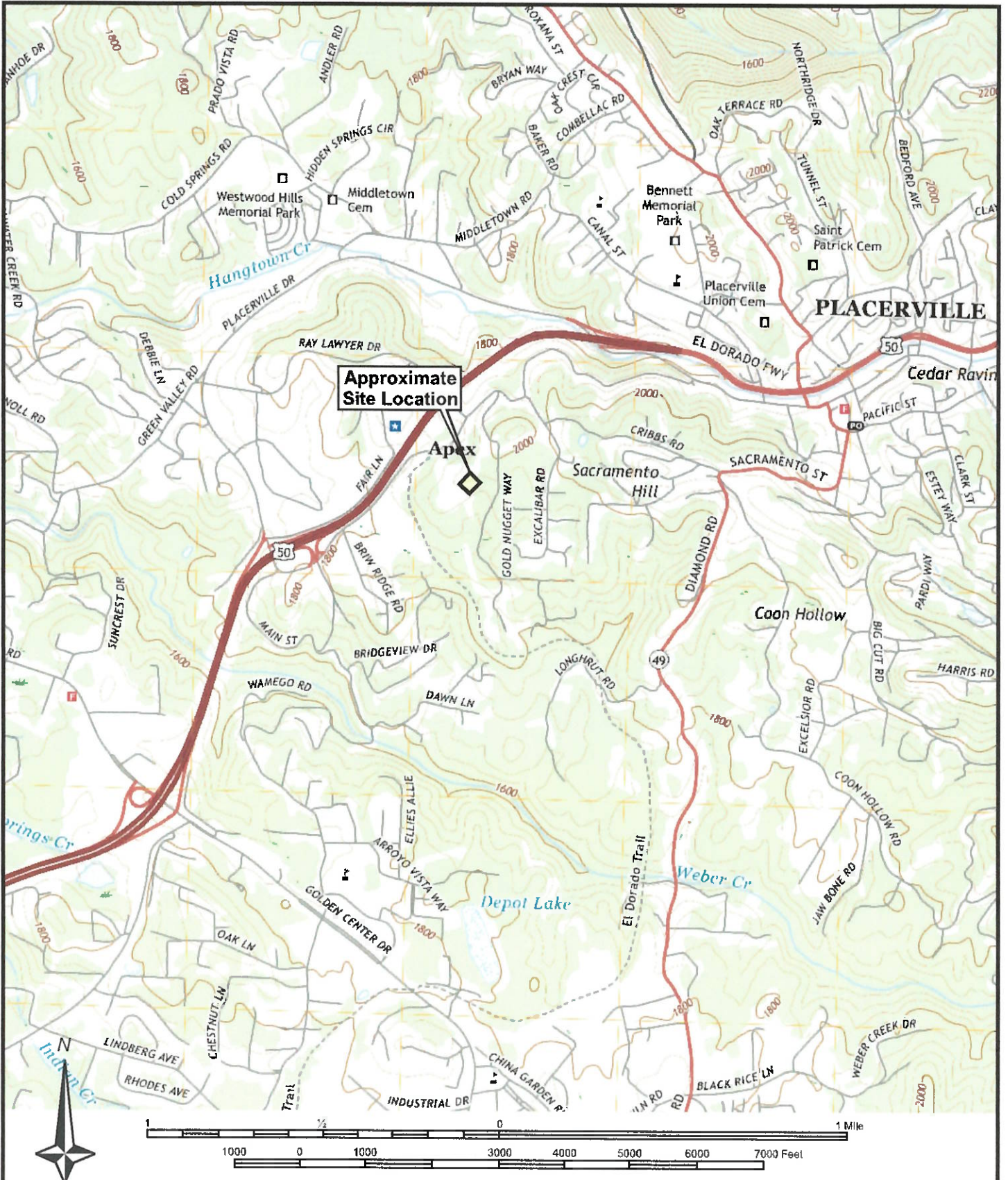


Table 12: Checklist of Recommended Services

	Item Description	Recommended	Not Anticipated
1	Provide foundation design parameters	Included	
2	Review grading plans and specifications	✓	
3	Review foundation plans and specifications	✓	
4	Observe and provide recommendations regarding demolition		✓
5	Observe and provide recommendations regarding site stripping	✓	
6	Observe and provide recommendations on moisture conditioning removal, and/or recompaction of unsuitable existing soils	✓	
7	Observe and provide recommendations on the installation of subdrain facilities	✓	
8	Observe and provide testing services on fill areas and/or imported fill materials	✓	
9	Review as-graded plans and provide additional foundation recommendations, if necessary	✓	
10	Observe and provide compaction tests on storm drains, water lines and utility trenches	✓	
11	Observe foundation excavations and provide supplemental recommendations, if necessary, prior to placing concrete	✓	
12	Observe and provide moisture conditioning recommendations for foundation areas and slab-on-grade areas prior to placing concrete		✓
13	Provide design parameters for retaining walls	Included	
14	Observation of retaining wall drain installation	✓	
15	Provide finish grading and drainage recommendations	Included	
16	Provide geologic observations and recommendations for keyway excavations and cut slopes during grading		✓
17	Excavate and recompact all test pits within structural areas		✓

APPENDIX A
Field Study

Vicinity Map
Site Plan



BASE MAP REFERENCE: U.S.G.S. 7.5 Minute Topographic Series, Placerville Quadrangle, Dated 2018

<p>YOUNGDAHL CONSULTING GROUP, INC. GEOTECHNICAL • ENVIRONMENTAL • MATERIALS TESTING</p>	<p>Project No.: E19095.002</p> <p>July 2022</p>	<p>VICINITY MAP El Dorado County Jail - Parking Lot Expansion Placerville, California</p>	<p>FIGURE A-1</p>
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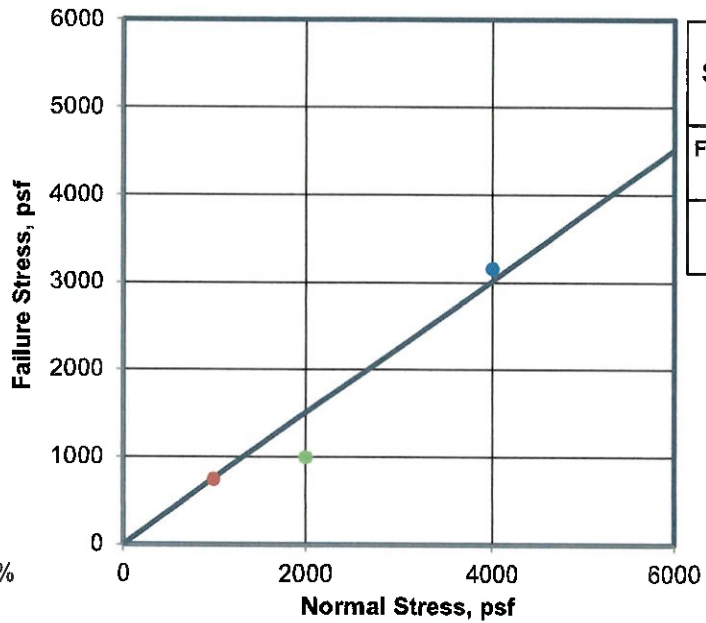
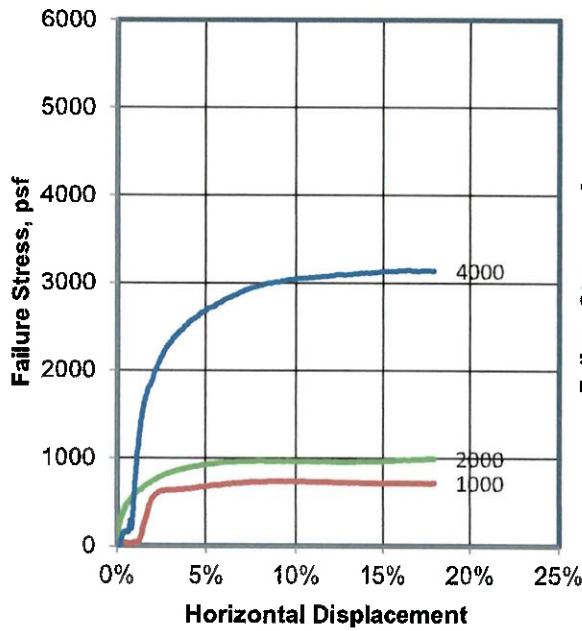
REFERENCE: Google Earth, Aerial Data Dated 6/4/2021

Project No.: E19095.002	July 2022		SITE PLAN El Dorado County Jail - Parking Lot Expansion Placerville, California	FIGURE A-2

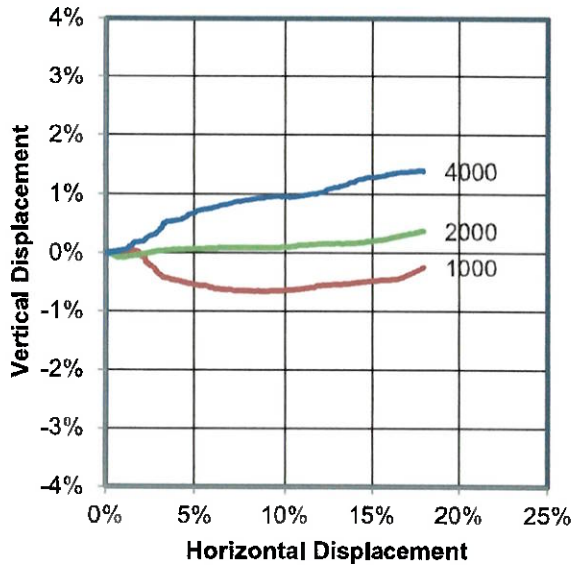
APPENDIX B
Laboratory Testing

Direct Shear Test
Modified Proctor Test
R-Value Test

Direct Shear Test of Soils Under Consolidated Drained Conditions, ASTM D3080



Direct Shearbox Results	
Friction Angle	37.0°
Cohesion	0 psf



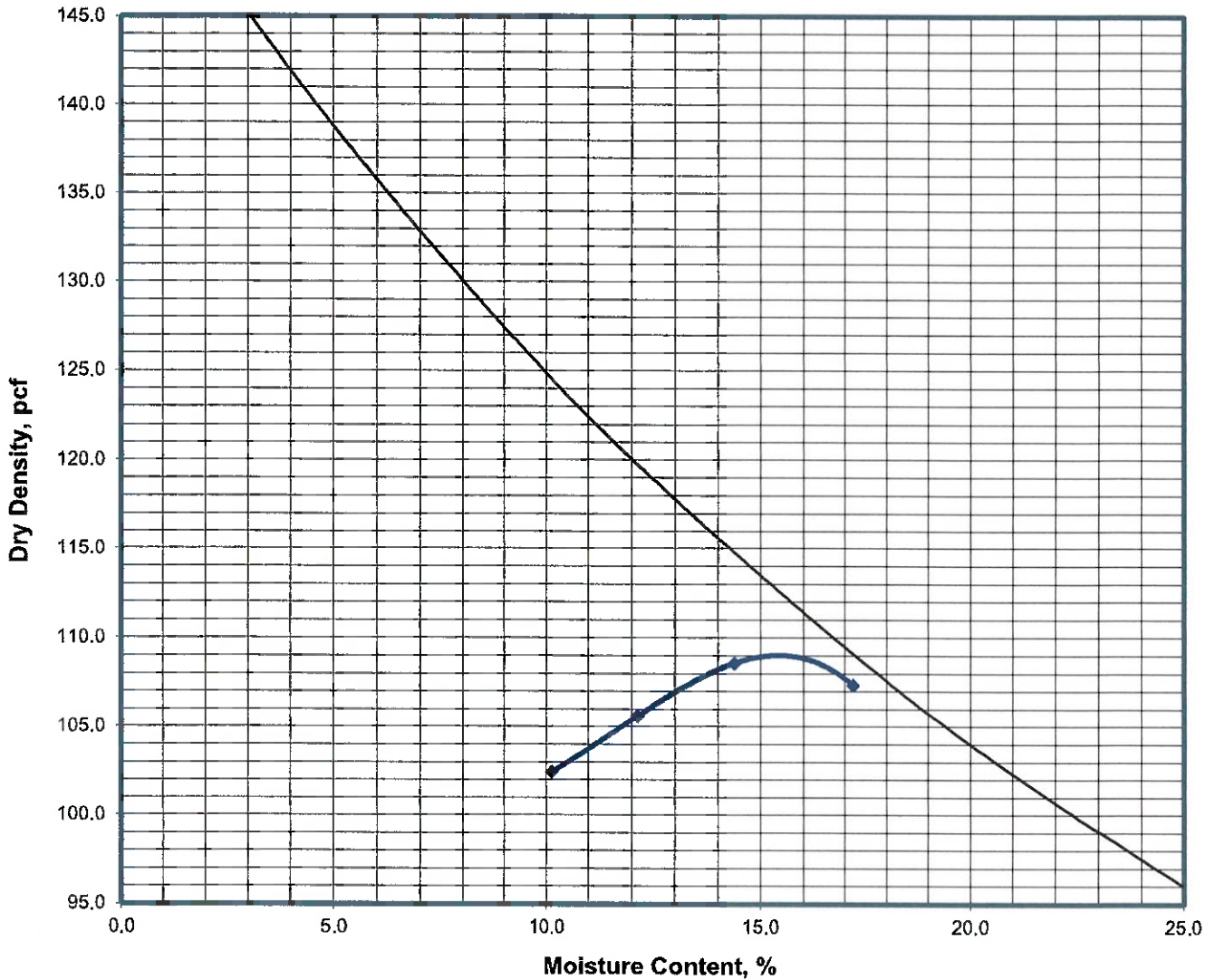
Test No.	1	2	3	
Initial	Wet Density, pcf	113.2	113.2	113.2
	Dry Density, pcf	98.1	98.1	98.1
	Moisture Content, %	15.4	15.4	15.4
	Diameter, in	2.50	2.50	2.50
	Height, in	1.00	1.00	1.00
Pre Shear	Wet Density, pcf	129.3	128.7	130.9
	Dry Density, pcf	98.4	98.9	99.9
	Moisture Content, %*	31.4	30.1	31.1
	Diameter, in	2.50	2.50	2.50
	Height, in	1.00	0.99	0.98
Normal Stress, psf	1000	2000	4000	
Failure Stress, psf	740	994	3151	
Failure Strain, %	9.30	17.83	16.50	
Rate, in/min		0.002		

*Based on post shear moisture content

Sample Type: Remolded to 90% RC					
Material Description: Yellow Brown Silty SAND					
Source:					
Notes: Gravel removed from test sample.					
Sample No./Depth: TP-1 @ 0-2.5'	USCS Class.	Liquid Limit	Plasticity Index	% Greater than No. 4	% Less than No. 200
Date Sampled: 6/7/2022	Date Test Started: 6/20/2022			20	

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	Project No.:	E19095.002	Figure
	Reviewed By:	DN	23-0201 B 119 B-1

**Laboratory Compaction Characteristics of Soil
Using Modified Effort (56,000 lbf/ft³), ASTM D1557, Method A**



— Zero Air Voids Curve at 100% Saturation;
Specific Gravity Estimated at: 2.50

Maximum Dry Density, pcf: 109.0	Optimum Moisture Content, %: 15.4
----------------------------------------	------------------------------------------

Material Description: **Yellow Brown Silty SAND**

Source:

Notes:

Sample No./Depth: TP-1 @ 0-2.5'	USCS Class.	Liquid Limit	Plasticity Index	% Greater than No. 4:	% Less than No. 200
Date Sampled: 6/7/2022	Date Test Started: 6/16/2022			20	



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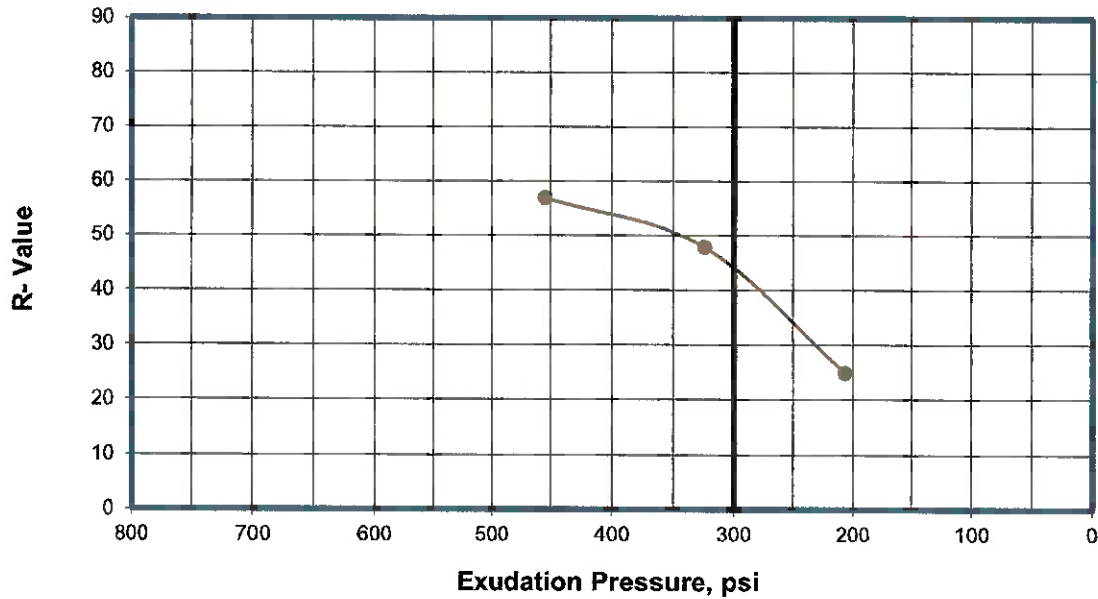
Project: **El Dorado County Jail - Parking Lot Expansion**

Project No.: **E19095.002** Figure **B-2**

Reviewed By: **JLC** Date: **6/17/2022**

Resistance "R" Value of Soil and Soil-Aggregate Mixtures, CTM 301

R- Value Chart



Test Specimen No.:	1	2	3
Moisture Content at Test, %	18.1	19.2	20.3
Dry Density at Test, pcf	108.1	106.9	100.8
Expansion Pressure, psf	455	303	178
Exudation Pressure, psi	455	325	207
Resistance "R" Value	57	48	25
"R" Value at 300 psi Exudation Pressure			44

Material Description: **Yellow Brown Silty SAND**

Source:

Notes:

Sample No./Depth: TP-1 @ 0-2.5'	USCS Class.	Liquid Limit	Plasticity Index	% Greater than No. 4	% Less than No. 200
Date Sampled: 6/7/2022	Date Test Started: 6/23/2022			20	



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Project: **El Dorado County Jail - Parking Lot Expansion**

Project No.: **E19095.002** Figure

Reviewed By: **JLC** Date: **6/23/2022**

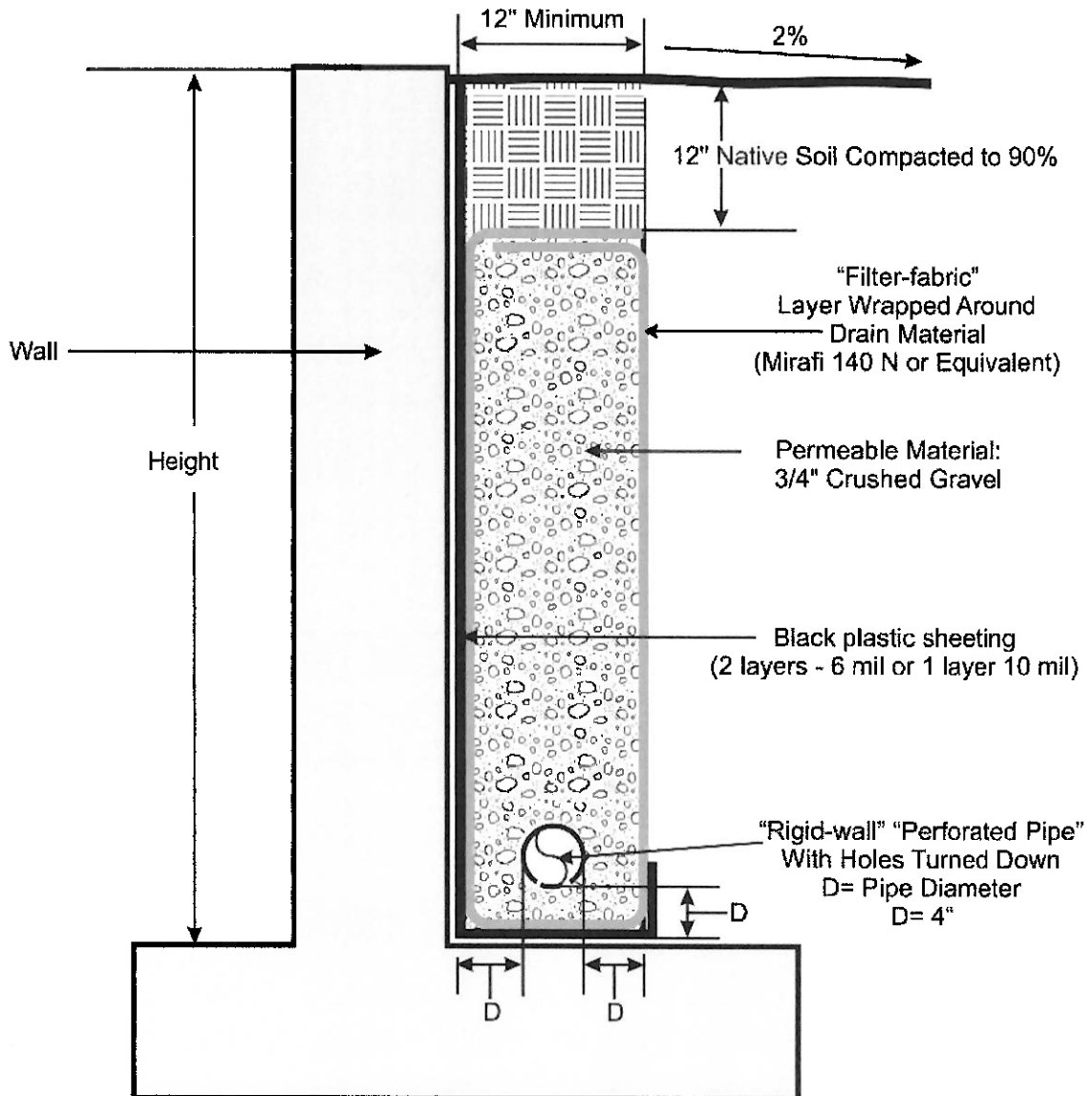
23-0201 B-117 of 119 B-3

APPENDIX C
Details

Site Wall Drainage

Retaining Wall With "Perforated Pipe Sub-Drain"

(Typical Cross Section)



- Notes:
1. Slope trench and "rigid-wall" pipes at least 1% gradient to drain to an appropriate outfall area away from residence.
 2. Use "sweeps" for directional changes in pipe flow (**do not use 90°elbows**).
 3. Provide periodic "clean-outs".
 4. Washed clean permeable material.

Not To Scale