
File ID: 2025-01422

9/16/2025

Award Construction Contract: North Natomas Regional Park Fields 1-3 Lighting Project
[Published for 10-Day Review 09/03/2025]

File ID: 2025-01422

Location: District 1

Recommendation: Pass a **Motion:** 1) approving the construction plans and specifications for the North Natomas Regional Park Fields 1-3 Lighting Project, (L19140700); 2) awarding the North Natomas Regional Park Fields 1-3 Lighting Project contract to Big Valley Electric in an amount not to exceed \$1,251,225; 3) authorizing the City Manager or designee to execute the contract; and 4) approving the removal of four existing Liriodendron tulipifera trees (two 5.5", and two 8.5" trees).

Contact: Dennis Day, Senior Landscape Architect, (916) 380-8813, dday@cityofsacramento.org; Jason Wiesemann, Park Planning and Development Services Manager, (916) 808-7634, jwiesemann@cityofsacramento.org; Department of Youth, Parks, and Community Enrichment

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Contract

Description/Analysis

Issue Detail: The Department of Youth, Parks and Community Enrichment (YPCE) is seeking approval to award a contract to Big Valley Electric, for the North Natomas Regional Park Fields 1-3 Lighting Project. The contract amount is \$1,251,255.

North Natomas Regional Park is a 212.3-acre regional park located at 4989 Natomas Blvd., Planning Area 1, Council District 1. The improvements include the installation of sports field lights for baseball fields 1, 2 and 3, as well as the installation of two bull pens on field 1.

The formal bid process for this project has been completed and Big Valley Electric has been identified as the lowest responsible and responsive bidder. Construction of the North Natomas Regional Park Fields 1-3 Lighting Project is expected to be completed by January 2026.

The project includes the removal of four *Liriodendron tulipifera* trees (two 5.5" and two 8.5" diameter trees). Removal of these four existing trees is required to construct two bull pens on baseball field 1 in North Natomas Regional Park. The Director of Public Works agrees with the staff justification and recommends approval to remove the identified trees. City Code section 12.56.040 provides that City Council approval is required to remove these trees, because they have a diameter at standard height of four inches or more. Notice of the proposal to remove these trees was posted the week of August 18, 2025, in a conspicuous place on or in proximity to the trees, in accordance with City Code section 12.56.040.

Policy Considerations: Section 3.04.010 of the City Code provides that City Council approval is required to enter contracts over \$250,000.

Providing parks and recreation facilities is consistent with the City's strategic plan to enhance livability in Sacramento's neighborhoods by expanding park, recreation, and trail facilities throughout the City. This is also part of the Park Development Process for park planning as stated in the Parks Plan 2040.

Section 12.56.040 of the City Code requires City Council approval to remove trees with a diameter at standard height of four inches or more and requires that written notice of the proposal to remove the trees be posted at least 15 days prior to the City Council meeting.

The Sacramento City Code Section 4.04.020 and Council Rules of Procedure (Chapter 7, Section E.2.d) mandate that, unless waived by a 2/3 vote of the City Council, all labor agreements and all agreements greater than \$1,000,000 shall be made available to the public at least ten (10) days prior to council action. This contract was posted for a 10-day review on September 3, 2025, as required.

Economic Impacts: The indicated economic impacts are calculated by using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impact could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

The park construction project, in the amount of \$1,251,225, is expected to create 5 jobs (2.88 direct jobs and 2.12 indirect jobs through indirect and induced activities). Furthermore, it will create \$772,550 in total economic output (\$486,944 of direct output and \$285,606 of output through indirect and induced activities).

Environmental Considerations: On May 15, 2012, the City Council approved the North Natomas Regional Park Ballfield Complex plan which consisted of the installation of three ballfields. All ball fields include bleachers, a scorer's table, bullpens and shade structures over the dugouts, an entry

plaza with enhanced paving, seating, and unique entry monument signage to provide a sense of arrival, new walking paths to connect new ball fields and parking to the existing dog park and bike trail.

The current project consists of the installation of sports field lights for baseball fields 1, 2 and 3 and the installation of two bull pens on field 1 and is consistent with the overall project reviewed in the previously approved Initial Study Mitigated Negative Declaration and the analysis and impacts and mitigation measures in the Mitigated Negative Declaration (MND).

None of the circumstances identified in California Environmental Quality Act Guidelines Section 15162 requiring the preparation of a subsequent MND are present. No further environmental review is required.

The MND is available for review online at: <http://www.cityofsacramento.org/Clerk/Services/Public-Records>

Sustainability: The North Natomas Regional Park Fields 1-3 Lighting Project has been reviewed for consistency with the goals, policies, and targets of the City's Climate Action Plan for Internal Operations 2016 Update, the 2040 General Plan, the 2018 YPCE Strategic Plan, and the Parks Plan 2040. The park will advance the goals, policies, and targets of these plans by using energy efficient field lighting, minimizing light spill and improving the health of all residents through access to a diverse mix of wellness activities. The park improvements will include sustainable design and maintenance guidelines and use of local vendors.

Commission/Committee Action: None.

Rationale for Recommendation: The formal bidding process for the North Natomas Regional Park Fields 1-3 Lighting Project bid was posted in accordance with City Code 3.60 and Administrative Policy AP-4002. The bids were opened on July 16, 2025. Staff received three bids. The results for the responsive bidders are listed below:

CONTRACTOR	Base Bid	Additive Alternates 1-11	Total Bid
Big Valley Electric	\$1,192,000	\$59,225	\$1,251,225
Bockmon & Woody	\$1,243,875	\$152,315	\$1,396,190
Rodan Builders	\$1,761,000	\$156,226	\$1,917,226

The low bidder was determined based on the total bid amount. The Engineer's Estimate for the base bid was \$1,433,650 and \$74,022 for the additive alternates, for a total amount of \$1,507,672.

Pursuant to City Code Sections 3.56.020, it has been determined that Bid Valley Electric has submitted the lowest responsive bid and is considered a responsible bidder. It is recommended to award the contract with the base bid plus all additive alternatives, resulting in a total amount of \$1,251,225. These items include the installation of sports field lights for baseball fields 1, 2 and 3. Additional improvements include the installation of two bull pens on field 1.

Financial Considerations: The total estimated contract amount is \$1,251,225. There is sufficient funding to award the North Natomas Regional Park Fields 1-3 Lighting Project (L19140700), including awarding construction contract and staff time.

This is an existing park; the annual maintenance and utilities costs are covered in YPCE's operating budget for maintenance, water, and utility costs for the budget adopted in the applicable fiscal year. Field permitting fees will supplement electrical costs for field lighting.

Local Business Enterprise (LBE): Big Valley Electric meets the 5% LBE participation requirement.

CONTRACT ROUTING SHEET

Contract Cover/Routing Form: Must Accompany ALL Contracts; however, it is NOT part of the contract.

General Information (Required)

Original Contract # (supplements only): _____ Supplement/Addendum #: _____
Assessor's Parcel Number(s): _____
Contract Effective Date: _____ Contract Expiration Date (if applicable): _____
\$ Amount (Not to Exceed): \$1,251,225.00 Adjusted \$ Amount (+/-): \$0
Other Party: Big Valley Electric
Project Title: North Natomas Regional Park Fields 1-3 Lighting
Project #: L19140700 Bid/RFQ/RFP #: B25191121010
City Council Approval: YES if YES, Council File ID#: 2025-01422

Contract Processing Contacts

Department: Youth, Parks & Community Services Project Manager: Dennis Day
Contract Coordinator: Rachel Trujillo Email: rtrujillo@cityofsacramento.org

Department Review and Routing

Accounting: _____
(Signature)
Project Manager: _____
(Signature)
Supervisor: _____
(Signature)
Division Manager: _____
(Signature)
Other: _____
(Signature)

Special Instruction/Comments (i.e. recording requested, other agency signatures required, etc.)

☒ **Construction Related** ☐ **Other Party Signature**
☐ **Payment/Performance Bonds Only** ☐ **Required Recording Required**

-----**FOR CLERK & IT DEPARTMENTS ONLY – DO NOT WRITE BELOW THIS LINE**-----

AGREEMENT
(Construction Contract Over \$25,000)

THIS AGREEMENT, dated for identification _____, 20__, is made and entered into between the CITY OF SACRAMENTO, a municipal corporation ("City"), and Big Valley Electric, 5130 Garland Ct. Jamestown, CA 95327 ("Contractor") in the amount of \$1,251,225.00.

The City and Contractor hereby mutually agree as follows:

1. **CONTRACT DOCUMENTS**

The Contract Documents, sometimes also referred to as the "Contract," consist of the following items, which are hereby incorporated by reference as if set forth in full in this Agreement:

- Notice to Contractors
- Proposal Form submitted by the Contractor
- Instructions to Bidders
- Subcontractor and Local Business Enterprise Participation Form
- Drug-Free Workplace Policy and Affidavit
- Construction and Demolition (C&D) Debris Recycling Requirements
- Workers' Compensation Insurance Certification
- Federal or State funding requirements
- Local Business Enterprise (LBE) Requirements
- Requirements of the Non-Discrimination in Employee Benefits Code
- Ban-The-Box Requirements
- Addenda, if any
- This Agreement
- Standard Specifications
- Special Provisions
- Plans and Technical Specifications
- The drawings and other data and all developments thereof prepared by City pursuant to the Contract
- Any modifications of any of the foregoing made or approved by City, including but not limited to duly authorized change orders

Unless specifically noted otherwise, references to the "Standard Specifications" shall mean and refer to the Standard Specifications for Public Construction of the City of Sacramento approved by the Sacramento City Council on November 10, 2020 (Resolution No. 2020-0354), and any subsequent amendments thereto approved by the Sacramento City Council or the Sacramento City Manager. Work called for in any one Contract Document and not mentioned in another is to be performed and executed as if mentioned in all Contract Documents. The table of contents, titles and headings contained in the Contract Documents are provided solely to facilitate reference to various provisions of the Contract Documents and in no way affect or limit the interpretation of the provisions to which they refer.

2. DEFINITIONS

Unless otherwise specifically provided herein, all words and phrases defined in the Standard Specifications shall have the same meaning and intent in this Agreement.

3. AGREEMENT CONTROLS

In the event of a conflict between any of the terms and conditions set forth in this Agreement and the terms and conditions set forth in other Contract Documents, the terms and conditions set forth in this Agreement shall prevail, except that the provisions of any duly authorized change order shall prevail over any conflicting provisions of this Agreement.

4. SCOPE OF CONTRACT

Contractor agrees to furnish all tools, equipment, apparatus, facilities, labor, material and transportation necessary to perform and complete in a good and workmanlike manner to the satisfaction of City, all the Work called for in the Contract Documents entitled:

**North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700)
Bid #B25191121010**

Including the Work called for in the following alternative bid items described in the Proposal Form:

Contractor agrees to perform such Work in the manner designated in and in strict conformity with the Contract Documents.

5. CONTRACT AMOUNT AND PAYMENTS

City agrees to pay and Contractor agrees to accept, as complete payment for the above Work, in accordance with the schedule and procedures set forth in the Contract Documents and subject to deductions, withholdings and additions as specified in the Contract Documents, a total sum that shall not exceed the total bid amount set forth in Contractor's Proposal Form. In addition, subject to deductions, withholdings and additions as specified in the Contract Documents, payment for individual items of the Work shall be computed as follows:

- A. For items of the Work for which a lump sum price is specified in Contractor's Proposal Form, Contractor shall be paid the lump sum price(s) specified in Contractor's Proposal Form; and
- B. For items of the Work for which a unit price is specified in Contractor's Proposal Form, Contractor shall be paid the sum computed at such unit price, or computed at a different price if such different price is determined by City in accordance with the Standard Specifications, based on the actual amount of each such item performed and/or furnished and incorporated in the Work; provided that in no event shall the

total sum for a unit price item exceed the total bid amount set forth for such item in the Contractor's Proposal Form, unless authorized by Change Order.

6. PROGRESS PAYMENTS

Subject to the terms and conditions of the Contract, City shall cause payments to be made upon demand of Contractor as follows:

- A. On or about the first of the month, the Engineer shall present to the Contractor a statement showing the amount of labor and materials incorporated in the Work through the twentieth (20) calendar day of the preceding month. After both Contractor and Engineer approve the statement in writing, and the City's labor compliance officer provides written approval, the City shall issue a certificate for ninety-five (95) percent of the amount it shall find to be due, subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations.
- B. No inaccuracy or error in said monthly estimates shall operate to release Contractor from damages arising from such Work or from enforcement of each and every provision of the Contract Documents, and City shall have the right subsequently to correct any error made in any estimate for payment.
- C. Contractor shall not be paid for any defective or improper Work.
- D. The remaining five (5) percent of the value of the Work performed under the Contract, if unencumbered and subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations, shall be released not later than sixty (60) days after completion and final acceptance of the Work by City. Acceptance by Contractor of the final payment shall constitute a waiver of all claims against the City arising under the Contract Documents, except for disputed claims in stated amounts that the Contractor specifically reserves in writing, but only to the extent that the Contractor has complied with all procedures and requirements applicable to the presentation and processing of such claim(s) under the Contract Documents. Contractor shall be entitled to substitute securities for retention or to direct that payments of retention be made into escrow, as provided in Public Contract Code Section 22300, upon execution of the City's Escrow Agreement for Security Deposits in Lieu of Retention.
- E. The parties agree that, for purposes of the timely progress payment requirements specified in Public Contract Code Section 20104.50, the date that the City receives a statement jointly approved by the Contractor and the Engineer as provided above shall be deemed to constitute the date that City receives an undisputed and properly submitted payment request from the Contractor. Progress payments not made within 30 days after this date may be subject to payment of interest as provided in Public Contract Code Section 20104.50.

- F. This Contract is subject to compliance monitoring and enforcement by the California Department of Industrial Relations, as specified in California Labor Code section 1771.4.

7. RETENTION OF SUMS CHARGED AGAINST CONTRACTOR

When, under the provisions of this Contract or any applicable Laws or Regulations, City is authorized or required to withhold, deduct or charge any sum of money against Contractor, City may deduct and retain the amount of such charge from the amount of the next succeeding progress estimate(s), or from any other moneys due or that may become due Contractor from City. If, on completion or termination of the Contract, sums due Contractor are insufficient to pay City's charges, City shall have the right to recover the balance from Contractor or its Sureties.

8. COMMENCEMENT AND PROSECUTION OF WORK

Contractor shall commence the Work not later than fifteen (15) working days after the date of the written Notice to Proceed from City to Contractor and shall diligently prosecute the Work to final completion. The phrase "commence the Work" means to engage in a continuous program on-site including, but not limited to, site clearance, grading, dredging, land filling and the fabrications, erection, or installation of the Work. The Notice to Proceed shall be issued within fifteen (15) calendar days following execution of the Agreement by the City and the filing by Contractor of the required Bonds and proof of insurance, provided that the Engineer may delay issuance of the Notice to Proceed if the Engineer determines in the Engineer's sole discretion that conditions on the site of the Work are unsuitable for commencement of the Work. After the Notice to Proceed is issued, the continuous prosecution of Work by Contractor shall be subject only to Excusable Delays as defined in this Agreement.

9. TIME OF COMPLETION

The entire Work shall be brought to completion in the manner provided for in the Contract Documents on or before 40 working days and 0 calendar days from the date of the Notice to Proceed (hereinafter called the "Completion Date") unless extensions of time are granted in accordance with the Contract Documents.

Failure to complete the entire Work by the Completion Date and in the manner provided for in the Contract Documents shall subject Contractor to liquidated damages as provided in this Agreement. Time is and shall be of the essence in the performance of the Contract and the Work.

10. PAYMENTS DO NOT IMPLY ACCEPTANCE OF WORK

The payment of any progress payment, or the acceptance thereof by Contractor, shall not constitute acceptance of the Work or any portion thereof and shall in no way reduce the liability of Contractor to replace unsatisfactory work or material, whether or not the

unsatisfactory character of such work or material was apparent or detected at the time such payment was made.

11. ACCEPTANCE NOT RELEASE

Contractor shall correct immediately any defective or imperfect work or materials that may be discovered before final acceptance of the entire Work, whether or not such defect or imperfection was previously noticed or identified by the City. The inspection of the Work, or any part thereof, shall not relieve Contractor of any of its obligations to perform satisfactory work as herein specified.

Failure or neglect on the part of City or any of its officers, employees or authorized agents to discover, identify, condemn or reject defective or imperfect work or materials shall not be construed to imply an acceptance of such work or materials, if such defect or imperfection becomes evident at any time prior to final acceptance of the entire Work, nor shall such failure or neglect be construed as barring City from enforcing Contractor's warranty(ies) or otherwise recovering damages or such a sum of money as may be required to repair or rebuild the defective or imperfect work or materials whenever City may discover the same, subject only to any statutes of limitation that may apply to any such claim.

12. CITY'S RIGHT TO TAKE POSSESSION OF THE WORK IN WHOLE OR IN PART

The City shall have the right at any time to enter upon the Work and perform work not covered by this Contract, or to occupy and use a portion of the Work, prior to the date of the final acceptance of the Work as a whole, without in any way relieving Contractor of any obligations under this Contract.

13. NO WAIVER OF REMEDIES

Neither the inspection by City, its officers, employees or agents, nor any certificate or other approval for the payment of money, nor any payment for, nor acceptance of the whole or any part of the Work by City, nor any extensions of time, nor any position taken by City, its officers, employees or its agents shall operate as a waiver of any provision of the Contract Documents nor of any power herein reserved to City or any right to damages herein provided, nor shall any waiver of any breach of this Agreement be held to be a waiver of any other or subsequent breach. All remedies provided in the Contract Documents shall be taken and construed as cumulative; in addition to each and every other remedy herein provided, the City shall have any and all equitable and legal remedies that it would in any case have.

14. WARRANTY

Except as otherwise expressly provided in the Contract Documents, and excepting only items of routine maintenance, ordinary wear and tear and unusual abuse or neglect by City, Contractor warrants and guarantees all Work executed and all supplies, materials and devices of whatsoever nature incorporated in or attached to the Work, or otherwise provided as a part of the Work pursuant to the Contract, to be absolutely free of all defects of workmanship and materials for a period of one year after final acceptance of the entire Work by the City.

Contractor shall repair or replace all work or material, together with any other work or material that may be displaced or damaged in so doing, that may prove defective in workmanship or material within this one year warranty period without expense or charge of any nature whatsoever to City.

In the event that Contractor shall fail to comply with the conditions of the foregoing warranty within ten (10) days after being notified of the defect in writing, City shall have the right, but shall not be obligated, to repair, or obtain the repair of, the defect and Contractor shall pay to City on demand all costs and expense of such repair. Notwithstanding anything herein to the contrary, in the event that any defect in workmanship or material covered by the foregoing warranty results in a condition that constitutes an immediate hazard to public health or safety, or any property interest, or any person, City shall have the right to immediately repair, or cause to be repaired, such defect, and Contractor shall pay to City on demand all costs and expense of such repair. The foregoing statement relating to hazards to health, safety or property shall be deemed to include both temporary and permanent repairs that may be required as determined in the sole discretion and judgment of City.

In addition to the above, the Contractor shall make a written assignment of all manufacturer's and other product warranties to the City, prior to completion and final acceptance of the Work by City.

The Contractor's Performance Bond shall secure the performance of the Contractor's obligations under this Section 14, and the Contractor and its Surety shall be jointly and severally liable for these obligations.

15. LIQUIDATED DAMAGES IF WORK NOT COMPLETED ON TIME

- A. The actual fact of the occurrence of damages and the actual amount of the damages that City would suffer if the entire Work, and/or any specified portion thereof, were not completed within the time(s) specified herein are dependent upon many circumstances and conditions that could prevail in various combinations, and for this reason, it is impracticable and extremely difficult to fix the actual damages. Damages that City would suffer in the event of such delay include: loss of the use of the project; expenses of prolonged assignment to the project of an architectural and/or engineering staff; prolonged costs of administration, inspection, and supervision; increased operational expenses and/or impaired operation of other facilities dependent upon completion of the project; and the loss and inconvenience suffered by the public within the City of Sacramento by reason of the delay in the completion of the project or portion thereof. Accordingly, the parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the amount(s) set forth herein as liquidated damages reflect the parties' best efforts at the time of entering into the Contract to estimate the damages that may be incurred by City and the public due to the Contractor's delay in completion of the Work and/or any specified portion thereof, and shall be presumed to be the amount of damages sustained by the failure of Contractor to complete the entire Work and/or any specified portion thereof within the time(s) specified herein.

- B. Contractor shall pay liquidated damages to City for failure to complete the entire Work by the Completion Date (as extended in accordance with the Contract Documents, if applicable) in the amount of \$1,000/day for each calendar day after the Completion Date (as extended in accordance with the Contract Documents, if applicable), continuing to the time at which the entire Work is completed. Such amount is the actual cash value agreed upon by the City and Contractor as the loss to City and the public resulting from Contractor's default.

The parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the foregoing provisions provide for the imposition of liquidated damages from the Completion Date (as extended in accordance with the Contract Documents, if applicable) until the date of completion of the entire Work as determined by the Engineer in accordance with Section 8-4 of the Standard Specifications, whether or not the Work or any portion thereof is claimed or determined to be substantially complete prior to such date of completion.

16. INDEMNITY AND HOLD HARMLESS

- A. Contractor shall defend, hold harmless and indemnify the City, its officers, employees, and agents, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, whether arising on or off the site of the Work, including, but not limited to, any fees and/or costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform the Work by the Contractor, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder, or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, damage or expense to the extent arising from (i) the sole negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or independent contractors who are directly responsible to City, or (ii) the active negligence of City.
- B. The existence or acceptance by City of any of the insurance policies or coverages described in this Agreement shall not affect or limit any of City's rights under this Section 16, nor shall the limits of such insurance limit the liability of Contractor hereunder. The provisions of this Section 16 shall survive any expiration or termination of the Contract.

17. CONTRACTOR SHALL ASSUME RISKS

Until the completion and final acceptance by City of all Work under this Contract, the Work shall be under Contractor's responsible care and charge, and Contractor, at no cost to City, shall rebuild, repair, restore and make good all injuries, damages, re-erections, and repairs occasioned or rendered necessary by accidental causes of any nature, to all or any portions of the Work.

18. GENERAL LIABILITY OF CONTRACTOR

Except as otherwise herein expressly stipulated, Contractor shall perform all the Work and furnish all the labor, materials, tools, equipment, apparatus, facilities, transportation, power and light, and appliances, necessary or proper for performing and completing the Work herein required in the manner and within the time herein specified. The mention of any specific duty or liability of Contractor shall not be construed as a limitation or restriction of any general liability or duty of Contractor, and any reference to any specific duty or liability shall be construed to be solely for the purpose of explanation.

19. INSURANCE

During the entire term of the Contract, Contractor shall maintain the insurance coverage described in this Section 19.

Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified for the Work performed by Contractor under this Contract. No additional compensation will be provided for Contractor's insurance premiums. Any available insurance proceeds in excess of the specified minimum limits and coverages shall be available to the City.

It is understood and agreed by the Contractor that its liability to the City shall not in any way be limited to or affected by the amount of insurance coverage required or carried by the Contractor in connection with this Contract.

A. Minimum Scope & Limits of Insurance Coverage

- (1) Commercial General Liability Insurance providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage, and personal injury, arising out of activities performed by or on behalf of Contractor and its subcontractors, products and completed operations of Contractor and its subcontractors, and premises owned, leased, or used by Contractor and its subcontractors, with limits of not less than two million dollars (\$2,000,000) per occurrence. The policy shall provide contractual liability

and products and completed operations coverage for the term of the policy.

- (2) Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage, and personal injury, with limits of not less than one million dollars (\$1,000,000) per accident. The policy shall provide coverage for owned, non-owned, and/or hired autos as appropriate to the operations of the Contractor.

No automobile liability insurance shall be required if Contractor completes the following certification:

“I certify that a motor vehicle will not be used in the performance of any work or services under this agreement.” _____
(Contractor initials)

- (3) Excess Insurance: The minimum limits of insurance required above may be satisfied by a combination of primary and umbrella or excess insurance coverage; provided that any umbrella or excess insurance shall contain, or be endorsed to contain, a provision that it shall apply on a primary basis for the benefit of the CITY, and any insurance or self-insurance maintained by CITY, its officials, employees, or volunteers shall be in excess of such umbrella or excess coverage and shall not contribute with it.
- (4) Workers’ Compensation Insurance with statutory limits, and Employers’ Liability Insurance with limits of not less than one million dollars (\$1,000,000). The Workers’ Compensation policy shall include a waiver of subrogation in favor of the City.

No Workers’ Compensation insurance shall be required if Contractor completes the following certification:

“I certify that my business has no employees, and that I do not employ anyone. I am exempt from the legal requirements to provide Workers’ Compensation insurance.” _____
(Contractor initials)

B. Additional Insured Coverage

- (1) Commercial General Liability Insurance: The City, its officials, employees, and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of: activities performed by or on behalf of Contractor and its subcontractors; products

and completed operations of Contractor and its subcontractors; and premises owned, leased, or used by Contractor and its subcontractors.

- (2) Automobile Liability Insurance: The City, its officials, employees, and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

C. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

- (1) Contractor's insurance coverage, including excess insurance, shall be primary insurance as respects City, its officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers shall be in excess of Contractor's insurance and shall not contribute with it.
- (2) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to City, its officials, employees, or volunteers.
- (3) Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (4) City will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

D. Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:VI. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section 3 must be declared to and approved by the City in writing prior to execution of this Contract.

E. Verification of Coverage

- (1) Contractor shall furnish City with certificates and required endorsements evidencing the insurance required. Copies of policies shall be delivered to the City on demand. Certificates of insurance shall be signed by an authorized representative of the insurance carrier.
- (2) For all insurance policy renewals during the term of this Contract, Contractor shall send insurance certificates reflecting the policy renewals directly to:

City of Sacramento
c/o EXIGIS LLC
P.O. Box 4668 ECM- #35050
New York, NY 10168-4668

Insurance certificates also may be faxed to (888) 355-3599, or e-mailed to:
certificates-sacramento@riskworks.com

- (3) The City may withdraw its offer of contract or cancel this Contract if the certificates of insurance and endorsements required have not been provided prior to execution of this Contract. The City may withhold payments to Contractor or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

F. Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in subsection A, above.

20. FAILURE TO MAINTAIN BONDS OR INSURANCE

If, at any time during the performance of this Contract, Contractor fails to maintain any item of the bonds and/or insurance required under the Contract in full force and effect, Contractor shall immediately suspend all work under the Contract and notify City in writing of such failure. After such notice is provided, or if City discovers such failure and notifies Contractor, the City thereafter may withhold all Contract payments due or that become due until notice is received by City that such bonds and/or insurance have been restored in full force and effect and that the premiums therefor have been paid for a period satisfactory to the Division of Risk Management. Contractor shall not resume work until notified by City to do so, and the City shall have no responsibility or liability for any costs incurred by Contractor as a result of such suspension of Work.

In addition to the foregoing, any failure to maintain any item of the required bonds and/or insurance at any time during the performance of this Contract will be sufficient cause for termination of the Contract by City.

The Contractor shall be solely responsible for, and shall defend, indemnify and hold harmless the City, its officers, employees and agents against and from, any and all damages, claims, losses, actions, costs or other expenses of any kind incurred by any party as a direct or indirect result of any suspension of Work or termination of the Contract under the provisions of this Section.

21. EXCUSABLE DELAYS

For the purpose of these Contract Documents, the term "Excusable Delay" shall mean, and is limited to, delay caused directly by: acts of God; acts of a public enemy; fires; inclement weather as determined by the Engineer; riots; insurrections; epidemics; quarantine restrictions; strikes; lockouts; sitdowns; acts of a governmental agency; priorities or privileges established for the manufacture, assemble, or allotment of materials necessary in the Work by order, decree or otherwise of the United States or by any department, bureau, commission, committee, agent, or administrator of any legally constituted public authority; changes in the Work ordered by City insofar as they necessarily require additional time in which to complete the Work; the prevention of Contractor from commencing or prosecuting the Work because of the acts of others, excepting Contractor's subcontractors or suppliers; or the prevention of Contractor from commencing or prosecuting the Work because of a Citywide failure of public utility service.

The term "Excusable Delay" shall specifically not include: (i) any delay that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of Contractor; (ii) any delay in the prosecution of any part of the Work that does not constitute a Controlling Operation, whether or not such delay is unavoidable; (iii) any reasonable delay resulting from time required by City for review of any Contractor submittals and for the making of surveys, measurements and inspection; and, (iv) any delay arising from an interruption in the prosecution of the Work on account of reasonable interference by other Contractors employed by City that does not necessarily prevent the completion of the entire Work within the time specified. Excusable Delays, if any, shall operate only to extend the Completion Date (not in excess of the period of such delay as determined by City) and shall not under any circumstances increase the amount City is required to pay Contractor except as otherwise provided in these Contract Documents.

22. CONTRACTOR TO SERVE NOTICE OF DELAYS

Whenever Contractor foresees any delay in the prosecution of the Work, and in any event as soon as possible (not to exceed a period of ten (10) calendar days) after the initial occurrence of any delay that Contractor regards as or may later claim to be an Excusable Delay, the Contractor shall notify the Engineer in writing of such delay and its cause, in order that the Engineer: (i) may take immediate steps to prevent if possible the occurrence or continuance of the delay; or (ii) if this cannot be done, may determine whether the delay is to be considered excusable, how long it continues, and to what extent the prosecution and completion of the Work are delayed thereby. Said written notice shall constitute an application for an extension of time only if the notice requests such an extension and sets forth the Contractor's estimate of the additional time required together with a full description of the cause of the delay relied upon.

After the completion of any part or whole of the Work, the Engineer, in estimating the amount due Contractor, will assume that any and all delays that may have occurred in its prosecution and completion were not Excusable Delays, except for such delays for which the Contractor has provided timely written notice as required herein, and that the Engineer has found to be excusable. Contractor shall not be entitled to claim Excusable Delay for any delay for which the Contractor failed to provide such timely written notice.

23. EXTENSION OF TIME

If the Contractor complies with Section 22, above, and the Engineer finds a delay claimed by the Contractor to be an Excusable Delay, the Contractor shall be allowed an extension of time to complete the Work that is proportional to the period of Excusable Delay determined by the Engineer, subject to the approval by City of a change order granting such time extension. During a duly authorized extension for an Excusable Delay, City shall not charge liquidated damages against the Contractor for such delay.

If the City extends the time to complete the Work as provided herein, such extension shall in no way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such extension of time relieve or release the sureties of the Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such extension of time. The granting of any extension of time as provided herein shall in no way operate as a waiver on the part of City of its rights under this Contract, excepting only extension of the Completion Date for such period of Excusable Delay as may be determined by the Engineer and approved by a duly authorized change order.

24. NO PAYMENT FOR DELAYS

No damages or compensation of any kind shall be paid to Contractor or any subcontractor because of delays in the progress of the Work whether or not such delays qualify for extension of time under this Agreement; except that this provision shall not preclude the recovery of damages for a delay caused by the City that is unreasonable under the circumstances and that is not within the contemplation of the parties, provided that the Contractor timely submits all such written notice(s) and fully complies with such other procedures as may be specified in the Contract Documents or any Laws or Regulations for Contractor to claim damages for such delay.

25. CHANGES IN THE WORK

Changes in the Work authorized or directed in accordance with the Contract Documents and extensions of time of completion made necessary by reason thereof shall not in any way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such changes in the Work relieve or release the Sureties on Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such change in Work and to any extension of time made by reason thereof.

26. TERMINATION AFTER COMPLETION DATE

In addition to any other rights City may have, if any services or work required under the Contract (including but not limited to punch list items) are not completed as of the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), City may terminate the Contract at any time after the Completion Date (as adjusted by any extensions of time for Excusable Delays granted

pursuant to the Contract Documents), by providing a written notice to Contractor specifying the date of termination. Such notice also may specify conditions or requirements that Contractor must meet to avoid termination of the Contract on such date. If Contractor fails to fulfill all such conditions and requirements by such termination date, or, if no such conditions or requirements are specified, Contractor shall cease rendering services and performing work on such termination date, and shall not be entitled to receive any compensation for services rendered or work performed after such termination date. In the event of such termination, Contractor shall remain liable to City for liquidated damages incurred for any period of time prior to the termination date.

In addition to any other charges, withholdings or deductions authorized under the Contract or any Laws or Regulations, if City terminates the Contract pursuant to this section, City may withhold and deduct from any payment and/or retention funds otherwise due Contractor any sum necessary to pay the City's cost of completing or correcting, or contracting for the completion or correction of, any services or work under the Contract that are not completed to the satisfaction of the City or that otherwise are deficient or require correction as of such termination date, including but not limited to incomplete punch list items. Such costs shall include all of the City's direct and indirect costs incurred to complete or correct such services or work, including the City's administrative and overhead costs. If the amount of payment(s) and/or retention funds otherwise due the Contractor are insufficient to pay such costs, City shall have the right to recover the balance of such costs from the Contractor and/or its Surety(ies).

27. TERMINATION FOR CONVENIENCE

Upon written notice to the Contractor, the City may at any time, without cause and without prejudice to any other right or remedy of the City, elect to terminate the Contract for the convenience of City. In such case, the Contractor shall be paid (without duplication of any items, and after deduction and/or withholding of any amounts authorized to be deducted or withheld by the Contract Documents or any Laws or Regulations):

- A. For Work executed in accordance with the Contract Documents prior to the effective date of termination and determined to be acceptable by the Engineer, including fair and reasonable sums for overhead and profit on such Work;
- B. For reasonable claims, costs, losses, and damages incurred in settlement of terminated contracts with subcontractors, suppliers, and others; and
- C. For reasonable expenses directly attributable to termination.

Contractor shall not be paid for any loss of anticipated profits or revenue for any Work not performed prior to termination, nor for any economic loss arising out of or resulting from such termination, except for the payments listed in this section. Contractor's warranty under Section 14 of this Agreement shall apply, and Contractor shall remain responsible for all obligations related to such warranty, with respect to all portions of the Work performed prior to the effective date of the termination for convenience pursuant to this section. The City

shall be entitled to have any or all remaining Work performed by other contractors or by any other means at any time after the effective date of a termination for convenience pursuant to this section.

28. TERMINATION FOR BREACH OF CONTRACT

If Contractor abandons the Work under this Contract, or if the Contract or any portion of the Contract is sublet or assigned without the consent of the City, or if the Engineer determines in the Engineer's sole discretion that the conditions of the Contract in respect to the rate of progress of the Work are not being fulfilled or any part thereof is unnecessarily delayed, or if Contractor violates or breaches, or fails to execute in good faith, any of the terms or conditions of the Contract, or if Contractor refuses or fails to supply enough properly skilled labor or materials or refuses or fails to make prompt payment to subcontractors for material or labor, or if Contractor disregards any Laws or Regulations or proper instruction or orders of the Engineer, then, notwithstanding any provision to the contrary herein, the City may give Contractor and its Sureties written notification to immediately correct the situation or the Contract shall be terminated.

In the event that such notice is given, and, in the event such situation is not corrected, or arrangements for correction satisfactory to the City are not made, within ten (10) calendar days from the date of such notice or within such other period of time as may be specified by the City in the notice, the Contract shall upon the expiration of said period cease and terminate. In the event of any such termination, City may take over the Work and prosecute the Work to completion, or otherwise, and the Contractor and its Sureties shall be liable to City for any cost occasioned City thereby, as hereinafter set forth.

In the event City completes the Work, or causes the Work to be completed, no payment of any kind shall be made to Contractor until the Work is complete. The cost of completing the Work, including but not limited to, extra costs of project administration and management incurred by City, both direct or indirect, shall be deducted from any sum then due, or that becomes due, to Contractor from City. If sums due to Contractor from City are less than the cost of completing the Work, Contractor and its Sureties shall pay City a sum equal to this difference on demand. In the event City completes the Work, and there is a sum remaining due to Contractor after City deducts the costs of completing the Work, then City shall pay such sum to Contractor. The Contractor and Contractor's Sureties shall be jointly and severally liable for all obligations imposed on Contractor hereunder.

No act by City before the Work is finally accepted, including, but not limited to, exercise of other rights under the Contract, actions at law or in equity, extensions of time, payments, assessments of liquidated damages, occupation or acceptance of any part of the Work, waiver of any prior breach of the Contract or failure to take action pursuant to this section upon the happening of any prior default or breach of Contractor, shall be construed to be a waiver or estoppel of the City's right to act pursuant to this Section upon any subsequent event, occurrence or failure by Contractor to fulfill the terms and conditions of the Contract. The rights of City to terminate the Contract pursuant to this Section and pursuant to Sections 26 and 27 are cumulative and are in addition to all other rights of City pursuant to the Contract and at law or in equity.

29. CONTRACTOR BANKRUPT

If Contractor should commence any bankruptcy proceeding, or if Contractor is adjudged a bankrupt, or if Contractor makes any assignment for the benefit of creditors, or if a receiver is appointed on account of Contractor's insolvency, then the City may, without prejudice to any other right or remedy, terminate the Contract and complete the work by giving notice as provided in Section 28 above.

30. SURETIES' OBLIGATIONS UPON TERMINATION

If the City terminates the Contract pursuant to Section 28 or Section 29 above:

- A. The Surety under Contractor's performance bond shall be fully responsible for all of the Contractor's remaining obligations of performance under the Contract as if the Surety were a party to the Contract, including without limitation Contractor's obligations, as provided in the Contract Documents, to complete and provide a one-year warranty of the entire Work, pay liquidated damages and indemnify, defend and hold harmless City, up to the full amount of the performance bond.
- B. The Surety under Contractor's payment bond shall be fully responsible for the performance of all of the Contractor's remaining payment obligations for work, services, equipment or materials performed or provided in connection with the Work or any portion thereof, up to the full amount of the payment bond.

31. ACCOUNTING RECORDS OF CONTRACTOR

During performance of the Contract and for a period of three (3) years after completing the entire Work, Contractor shall maintain all accounting and financial records related to the Contract and performance of the Work in accordance with generally accepted accounting practices, and shall keep and make such records available for inspection and audit by representatives of the City upon reasonable written notice.

32. USE TAX REQUIREMENTS

During the performance of this Agreement, CONTRACTOR, for itself, its assignees and successors in interest, agrees as follows:

- A. Use Tax Direct Payment Permit: For all leases and purchases of materials, equipment, supplies, or other tangible personal property used to perform the Agreement and shipped from outside California, the Contractor and any subcontractors leasing or purchasing such materials, equipment, supplies or other tangible personal property shall obtain a Use Tax Direct Payment Permit from the California State Board of Equalization ("SBE") in accordance with the applicable SBE criteria and requirements.
- B. Sellers Permit: For any construction contract and any construction subcontract in the amount of \$5,000,000 or more, Contractor and the subcontractor(s) shall obtain sellers permits from the SBE and shall register the jobsite as the place of business for the purpose of allocating local sales and use tax to the City. Contractor and its subcontractors shall remit the self-accrued use tax to the SBE, and shall provide a copy of each remittance to the City.
- C. The above provisions shall apply in all instances unless prohibited by the funding source for the Agreement.

33. NON-DISCRIMINATION IN EMPLOYEE BENEFITS

This Agreement may be subject to the requirements of Sacramento City Code Chapter 3.54, Non-Discrimination in Employee Benefits by City Contractors. The Contract Documents include a summary of the requirements of Sacramento City Code Chapter 3.54, entitled "Requirements of the Non-Discrimination in Employee Benefits Code." By signing this Agreement, Contractor acknowledges and represents that Contractor has read and understands these requirements and agrees to fully comply with all applicable requirements of Sacramento City Code Chapter 3.54. If requested by City, Contractor agrees to promptly provide such documents and information as may be required by City to verify Contractor's compliance. Any violation by Contractor of Sacramento City Code Chapter 3.54 constitutes a material breach of this Agreement, for which the City may terminate the Agreement and pursue all available legal and equitable remedies.

34. CONSIDERING CRIMINAL CONVICTION INFORMATION IN THE EMPLOYMENT APPLICATION PROCESS

This Agreement may be subject to the requirements of Sacramento City Code Chapter 3.62, Procedures for Considering Criminal Conviction Information in the Employment Application Process. The Contract Documents include a summary of the requirements of Sacramento City Code Chapter 3.62, entitled "Ban-The-Box Requirements." By signing this Agreement, Contractor acknowledges and represents that Contractor has read and

understands these requirements and agrees to fully comply with all applicable requirements of Sacramento City Code Chapter 3.62. If requested by City, Contractor agrees to promptly provide such documents and information as may be required by City to verify Contractor's compliance. Any violation by Contractor of Sacramento City Code Chapter 3.62 constitutes a material breach of this Agreement, for which the City may terminate the Agreement and pursue all available legal and equitable remedies. Contractor agrees to require its subcontractors to fully comply with all applicable requirements of Sacramento City Code Chapter 3.62, and include these requirements in all subcontracts covered by Sacramento City Code Chapter 3.62.

IN WITNESS WHEREOF, the parties hereto have signed this Agreement on the date set for opposite their names.

CONTRACTOR

Under penalty of perjury, I certify that the taxpayer identification number and all other information provided here are correct.

DATE _____

BY James Coyle
James Coyle (Aug 18, 2025 07:29:40 PDT)
James Coyle
Print Name
Project Manager
Title

DIR Registration # 1000003901

Federal ID# 04-3789116

State ID# 237-9012-4

City of Sacramento Business Operation Tax
Certificate No. (City will not award contract until
Certificate Number is obtained)

BOTC: 1113950 Exp. 03/31/26

Type of Business Entity (*check one*):

☒ Individual/Sole Proprietor
☐ Partnership
☐ Corporation
☐ Limited Liability Company
☐ Other (*please specify:* _____)

CITY OF SACRAMENTO
a municipal corporation

DATE _____

BY _____
For: Leyne Milstein, Interim City Manager

Original Approved As To Form:

Attest:

City Attorney

City Clerk

BID PROPOSAL GUARANTEE

PRINCIPAL (Contractor legal name and business address) <u>Big Valley Electric</u> <u>P.O. Box 177, Copperopolis, CA 95225</u>	Type of Organization ("X" one) <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability Co. <input type="checkbox"/> Other: _____ State of Organization formation: _____
SURETY (Name and business address,) <u>The Ohio Casualty Insurance Company</u> <u>175 Berkeley Street</u> <u>Boston, MA 02116</u>	(agent name and phone number) <u>USI Insurance Services, LLC</u> <u>(916) 589-8000</u> a corporation duly organized under the laws of the State of <u>New Hampshire</u> and duly licensed to issue this bond as authorized by the State of California. California License No. <u>5133-4</u>

OBLIGATION: We, the Principal and the Surety, bind ourselves, our heirs, executors, administrators and successors, jointly and severally, to the City of Sacramento ("City") as Obligee for the penal sum of ten percent (10%) of the total amount of the Principal's bid proposal submitted to the City for the project described below, to guarantee that Principal will accept the City's award of the project contract.

THE CONDITION OF THIS OBLIGATION IS -

That if the Principal has submitted a bid proposal to the City by the bid proposal due date as set forth in the invitation to bid, which date may be extended by City, for the project described as follows:

**North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700)
Bid #B25191121010**

AND if the City awards the contract for the project to the Principal within the time and manner required under the invitation to bid, and the Principal (i) enters into a written contract, in the prescribed form, in accordance with the bid proposal, (ii) files two bonds with the City to guarantee faithful performance and payment for labor and materials, and (iii) files the required insurance policies with the City, all as required by the invitation to bid or by law, then the obligation shall be null and void; otherwise it shall be and remain in full force and effect. The Surety agrees that this obligation is not impaired by any extensions of the time for the award of the contract Principal may grant to City, and any notice to Surety of such time extension is waived. 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, which sums shall be additional to the principal amount of this bond.

IN WITNESS WHEREOF, Surety has executed this Bid Proposal Guarantee on the day set forth in the attached notary acknowledgment. Attach Surety power of attorney form to verify signator's authority.

Principal/Contractor: Big Valley Electric

By: _____

Name: _____

Title: _____

Surety: The Ohio Casualty Insurance Company

By: _____

Name: Nicki Moon

Title: Attorney-In-Fact

(Seal) Revised: 2020

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 Sacramento)

On 7/3/25 before me, Tina S. Salas, Notary Public
(insert name and title of the officer)

personally appeared Nicki Moon,
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 Tina S. Salas

(Seal)





This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8209196-971898

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, David Weise; Jose Lemus; Nicki Moon; Rosalie A. Miskiel; Stephanie Agapoff; Tina S. Salas

all of the city of Rancho Cordova state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 29th day of December, 2022.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By:

David M. Carey
David M. Carey, Assistant Secretary

State of PENNSYLVANIA ss
County of MONTGOMERY

On this 29th day of December, 2022 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By:

Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 3rd July 2025



By:

Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

TO THE HONORABLE CITY COUNCIL, SACRAMENTO, CALIFORNIA: In compliance with the Contract Documents, the undersigned hereby proposes to furnish all required labor, materials, supervision, transportation, equipment, services, taxes and incidentals required for:

**North Natomas Regional Park Fields 1-3 Lighting
(PN:L19140700 Bid#B25191121010)**

in the City and County of Sacramento, California. The Work is to be done in strict conformity with the Contract Documents now on file in the Office of the City Clerk, for the following sum:

Item No.	Item Description	QTY	Unit	Unit Price	Total
1	Temporary Construction Fence	1	LS	\$ LUMP SUM	\$ 25,000
2	Electrical System	1	LS	\$ LUMP SUM	\$ 255,000
3	Lighting Structure System with Total Light Control	1	LS	\$ LUMP SUM	\$ 910,000
4	City Building Permit Inspection Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
BASE BID TOTAL					\$ 1,192,000

ADDITIVE ALTERNATES BID ITEMS

Item No.	Item Description	QTY	Unit	Unit Price	Total
A1	Temporary Construction Fence	1	LS	\$ LUMP SUM	\$ 5,000
A2	Site Clearing and Grubbing	1	LS	\$ LUMP SUM	\$ 2,500
A3	Demolition	1	LS	\$ LUMP SUM	\$ 2,500
A4	Site Grading	1	LS	\$ LUMP SUM	\$ 5,000
A5	8' Chain Link Fence to Install	1	LS	\$ LUMP SUM	\$ 7,500
A6	6' Chain Link Fence to Install	1	LS	\$ LUMP SUM	\$ 6,725
A7	Concrete Flatwork to Construct	1	LS	\$ LUMP SUM	\$ 7,500
A8	12" Concrete Mowstrip to Construct	1	LS	\$ LUMP SUM	\$ 10,000
A9	Stabilized Decomposed Granite to Place	1	LS	\$ LUMP SUM	\$ 7,000
A10	Irrigation Modifications	1	LS	\$ LUMP SUM	\$ 3,000
A11	Baseball Rubber and Homeplate to Install	1	LS	\$ LUMP SUM	\$ 2,500
ADDITIVE ALTERNATE TOTAL					\$ 59,225

GRAND TOTAL \$ 1,251,225.00

The undersigned agrees to execute the Agreement and provide City the executed Agreement, the required insurance certificates, endorsements, and waivers of subrogation, and the required surety bonds within ten (10) calendar days after the undersigned's receipt of the City's notice that the undersigned will be recommended for Contract award and prior to award of the Contract by the City Council. It is understood that this Bid Proposal is based upon completion of the Work within a period of **FORTY (40) WORKING DAYS**, commencing on the date set forth in the written Notice to Proceed issued by the City to the Contractor. The Contractor is hereby notified and reminded that per City Contract requirements, the City will issue a Notice to Proceed within 15 calendar days of execution of contract by City. Contract workdays will start immediately on the date of the Notice to Proceed. Attached is a sample of a Notice to Proceed. The amount of liquidated damages to be paid by the Contractor for failure to complete the work by the completion date (as extended, if applicable) shall be **One Thousand Dollars (\$1,000)** for each calendar day, continuing to the time at which the work is completed. Such amount is the actual cash value agreed upon as the loss to the City resulting from the default of the Contractor. **By signing, it is also understood that all labor compliance requirements must be met by all contractors, sub-contractors, and sub-tier contractors before any payment can be made. Failure to meet the labor compliance requirements will result in your pay request or invoice being rejected. No payment shall be made by the City until full compliance has been met. Partial payments/partial withholdings will not be authorized.** Work under these Special Provisions shall be performed by qualified personnel experienced in work described herein. The Contractor and/or its subcontractor shall possess current and active licenses

issued by the California Contractors State License Board for A and C-10 licenses at the time of the bid submittal and throughout the construction period. Any cited violations or pending violation investigations by the California Contractors State Licensing Board within three years prior to the date of the bid submittal shall be fully disclosed in the bid.

CLASS **GENERAL A** LICENSE # 676395
Name: Big Valley Electric
Address: 5130 Garland Ct. Jamestown, CA
95327
Issue Date: 09/01/1993 Expiration Date: 07/31/2026

CLASS **C10** LICENSE # 676395
Name: Big Valley Electric
Address: 5130 Garland Ct. Jamestown, CA
95327
Issue Date: 09/01/1993 Expiration Date: 07/31/2026

CWTA REQUIREMENTS

CWTA IFB Language – Estimate Over \$1Million

This project is subject to the requirements of the City's Local Hire and Community Workforce Training Program and the City's Community Workforce Training Agreement (CWTA). A copy of the CWTA and a summary of its requirements (CWTA Summary) is provided in Exhibit D to this solicitation. By submitting a bid, the Contractor acknowledges that it has read and understands all the requirements, terms, and conditions of the CWTA and CWTA Summary, and has included all costs associated with compliance with the CWTA in its bid. The Contractor and all listed subcontractors must execute Addendum A to the CWTA ("Agreement to be Bound") and provide an executed original to the City before the contract can be awarded. Each subcontractor for Work covered by the CWTA hired after the time of bid or after contract award, must also execute Addendum A to the CWTA. No subcontractor may perform Work prior to executing Addendum A and providing the executed original to the City. **Contractor must include the provisions of this section, as well as a copy of the CWTA and the CWTA Summary, in every subcontract for Work covered by the CWTA.** By submitting a bid, Contractor represents that the Contractor and all its subcontractors performing Work covered by the CWTA will execute the Addendum A if awarded the contract. The failure to sign and submit Addendum A by any subcontractor, shall be grounds for subcontractor substitution and/or for the City to withhold payment for the Work performed in the absence of the necessary Addendum A. The failure to satisfy any requirements of the CWTA, including the requirements to submit an Addendum A and demonstrate a good faith effort to meet the Local Hire and Priority Apprentice Goals, may result in a determination that the Contractor does not meet the City's minimum qualifications to bid on future projects for the City of Sacramento.

DETERMINATION OF LOW BIDDER

The determination of the low bidder will be based on the base bid and all additives, if any. However, the contract award may not include any of the additives. The City reserves the right to select which additives, if any, to include in the contract award in addition to the base bid work. If an additive is an alternative to a bid item and the additive is to be awarded, the contract amount will be based on the additive price instead of the base bid item price. In determining the amount bid by each bidder, the City may disregard mathematical errors in addition, subtraction, multiplication, and division that appear obvious on the face of the Proposal. When such a mathematical error appears on the face of the Proposal, the City shall have the right to correct such error and to compute the total amount bid by said bidder on the basis of the corrected figure or figures. The City Council may reject any and all bids and waive any informalities or minor irregularities in the bids. When an item price is required to be set forth in the Proposal, and the total for the item set forth separately does not agree with a figure which is derived by multiplying the item price times the Engineer's estimate of the quantity of work to be performed for said item, the item price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the policy of the bidding procedure. The total paid for each such item of work shall be based upon the item price and not the total price. Should the Proposal contain only total price for the item and the item price is omitted, the City shall determine the item price by dividing the total price for the item by the Engineer's estimate of the estimated quantities of work to be performed as items of work. If the Proposal contains neither the item price nor the total price for the item, then it shall be deemed incomplete and the Proposal shall be deemed non-responsive. The undersigned has examined the location of the proposed Work, the local conditions at the place where the Work is to be done, is familiar with the Contract Documents and is familiar and expressly agrees to the liquidated damages provision of the Contract Documents. The undersigned has checked carefully all of the foregoing figures and understands that the City of Sacramento will not be responsible for any errors or omissions on the part of the undersigned in making up this Bid Proposal.

CONTRACTOR TO COMPLETE AND SIGN:

 7-16-25

BID BOND

Enclosed is a Bid Proposal Guarantee, as required, consisting of a bidder's bond or other acceptable security for not less than ten percent (10%) of the amount Bid Proposal. **Amount of Bid Proposal Guarantee Enclosed:**
(must not be less than 10% of the total bid amount including alternates)

\$ 108-125,122.50 Bid Bond

\$ _____ Certified Check

\$ _____ Cashier's Check

\$ _____ Money Order

\$ _____ Other _____

ADDENDUM ACKNOWLEDGEMENT

The undersigned agrees that all addenda received and acknowledged herein shall become a part of and be included in this Bid Proposal. This Bid Proposal includes the following addenda:

Addendum 1 Addendum 2 Addendum _____

Addendum _____ Addendum _____ Addendum _____

Contractor Signature: _____

PRIME CONTRACTOR INFORMATION

Legal Business Name:

Big Valley Electric

Business Address: 5130 Garland Ct. Jamestown, CA
95327

Phone: 209-986-6390

Email: _____

Print or type clearly – results will be emailed

PRIME CONTRACTOR - TYPE OF BUSINESS

If the Bidder is a corporation, the Bid Proposal must be executed in the name of the corporation and must be signed by a duly authorized officer of the corporation. If the Bidder is a partnership, the Bid Proposal must be executed in the name of the partnership and one of the partners must subscribe their signature thereto as the authorized representative of the partnership. Check one:

☒ Individual

☐ Partnership

☐ Corporation

☐ Limited Liability Company

☐ Other _____

PRIME CONTRACTOR LICENSES & TAX INFORMATION

Contractors State License #: 676395 Expiration: 7-31-2026
(must be valid at time of bid)

DIR Registration #: 1000002901 Expiration: 6-30-2026
(must be valid at time of bid)

City of Sacramento Business Operation Tax #: _____
(must be valid prior to award of contract)

BOTC Expiration: _____

State Tax ID# _____ Federal Tax ID # 04-3789116

**THIS BOX FOR CITY USE ONLY
CITY CLERK TO FILL OUT**

Bid Bond Security Received:

☐ Properly Signed
☐ Not Included

☐ Improperly Signed

Type of Deposit Received:

☒ Bid Bond ☐ Certified Check
☐ Cashier's Check ☐ Money Order
☐ Other _____

BY: _____

SIGNATURE

Owner

Signers Title

James Coyle

Print or Type Signers Name

7/16/2025

Date

EXHIBIT A

PROPOSED TRADE ASSIGNMENTS

***North Natomas
Regional Park
Fields 1-3 Lighting***

TO: Sacramento-Sierra's Building and Construction Trades Council and Local Unions that have executed the Community Workforce Agreement

OWNER: City of Sacramento

CONTRACTOR: Big Valley Electric

ADMINISTRATOR: Rachel Trujillo

PURPOSE: To make proposed jurisdictional trade assignments, broken down by craft and classification, as well as to discuss details and answer questions relating to the project scope of work, safety and job requirements.

MEETING PLACE: Operating Engineers Local 3
3920 Lennane Drive, Suite 110
Sacramento, California 95834
(916) 924-8675 - Fax: (Sac-Sierra's Building Trades Office)

MEETING DATE: _____

MEETING TIME: _____

UNION RESPONSE DATE: _____

CONTRACTOR RESPONSE DATE: _____

EXHIBIT __

SUMMARY OF COMMUNITY WORKFORCE AND TRAINING AGREEMENT REQUIREMENTS (Locally-Funded Projects)

Introduction

On August 21, 2018, the City of Sacramento approved a Community Workforce and Training Agreement (CWTA) with the Sacramento-Sierra Building and Construction Trades Council, AFL-CIO (Trades Council) and the unions represented by the Trades Council, to support the City's efforts to increase employment opportunities for workers who are local area residents, and to provide construction career training and employment opportunities for the City's at-risk youth, military veterans, women and other disadvantaged residents through local apprenticeship and pre-apprentice programs. The CWTA was renewed on August 15, 2023. A complete copy of the current CWTA is attached hereto. This summary is provided for convenience only. All contractors must read and understand the full CWTA prior to submitting a bid.

Application

The CWTA applies to all City public works construction contracts for projects where either the engineer's estimate of the total construction cost of the project or the actual cumulative bid amounts submitted by the contractor or contractors awarded the contract exceeds One Million Dollars (\$1,000,000). The CWTA applies to all "Covered Work" which is further defined in section 2.2 of the CWTA. Exclusions from Covered Work are further defined in section 2.3 of the CWTA.

Prior to award of this contract, the contractor must agree to be bound by each and every provision of the CWTA, and must execute the Agreement to be Bound in the form attached to the CWTA as Addendum A. In addition, any time the awarded contractor enters into a subcontract with any subcontractor for Covered Work, the contractor must provide a copy of the CWTA to the subcontractor and require the subcontractor to execute the Agreement to be Bound in the form attached to the CWTA as Addendum A. All Addendum A's must be executed by subcontractors and provided to the City prior to the subcontractor performing any work. Contractor must also complete the attached "Proposed Trade Assignments" form (Exhibit A) and return it to the City prior to contract award.

Requirements

In addition to executing the Agreement to be Bound in the form attached to the CWTA as Addendum A, and the Proposed Trade Assignments Form, Contractor and its employees must comply with the following requirements:

Utilize Union Hiring Halls. Pursuant to Article VIII of the CWTA, Contractor and its subcontractors performing construction work, in filing craft job requirements, must utilize and be bound by the registration facilities and referral systems established or authorized by the local unions that are signatories to the CWTA (except that Contractors shall have the right to select and hire directly all supervisors above general foreman, without going through the local union). Contractors are required to submit written forms to each hiring hall to request labor, including Priority Apprentices, utilizing the City's template request form attached hereto as Exhibit B. A copy of each Labor Request Form must also be sent to Victoria Casteneda at the DCM Group at: Victoria@dcmgrp.com. **Please Note:** While the CWTA requires Contractors to obtain labor through the union hiring halls, it does not require all employees performing Covered Work to pay working dues, fees required, or union membership to the applicable local union that is a signatory to the CWTA, unless the employee elects to join the union.

Hold Pre-Job and Periodic Meetings. Pursuant to Article V, Contractor must convene a pre-job conference with representatives of all involved contractors (including subcontractors) and the unions at least 21 days prior to the commencement of work. For long-term projects with multiple phases, conferences can be held with subcontractors for later phases 21 days prior to the commencement of the applicable phase.

The Contractor must be prepared to discuss in detail: (i) the scope of work for each Contractor; (ii) craft assignments; (iii) estimated number of craft workers required to perform the work; (iv) transportation arrangements; (v) estimated start and completion dates of the work; (vi) planned use of pre-fabricated materials; (vii) any specialized or technical work exempted¹ from the CWTA; and (viii) plan for reaching Local Hire and Priority Apprentice Goals. The meeting shall be held at a location mutually agreeable to the parties.

Local Hire, Apprenticeship, and Workforce Development. Within 7 calendar days after receiving a Notice to Proceed, Contractor must provide a plan for reaching Local Hire and Priority Apprentice Goals. As set forth in Article IX, not less than 50% of the combined journey-level and apprentice hours worked on the Project, on a craft by craft basis, shall be worked by residents of the Local Area, as defined in section 9.1. The Local Union will refer up to four of Contractor's "core" employees who demonstrate the qualifications set forth in section 9.3. This referral process is outlined in section 9.4. In addition, not less than 20% of all apprentice hours worked on the Project, on a craft by craft basis, shall be worked by "Priority Apprentices" that reside in one of the disadvantaged zip codes listed in section 9.6.2.1 and meet one of the other eligibility criteria listed in section 9.6.2.2.

Evidence of Good Faith Efforts. Contractor shall provide regular reports and certified weekly payrolls documenting compliance with the requirements of Article IX and documentation of Contractor's good faith efforts to meet the local hire and workforce development goals set forth in Article IX. Documentation of good faith efforts includes copies of all labor request forms submitted to hiring halls (Exhibit B) and all communication received in response (emails, phone logs, etc.) from the Local Union hiring hall(s), Trades' Council, and DCM Group.

Helmets to Hardhats. Contractor must participate in the Helmets to Hardhats program, as outlined in Article X of the CWTA.

Comply with Master Agreement Terms on Wages, Hours, Benefits, and other Terms and Conditions of Employment. As set forth in Article XI, Contractor must pay applicable contributions to the established vacation, pension and other deferred compensation plan, apprenticeship, worker protection and assistance, and health benefit funds for each hour worked on the project in the amounts designated in the Master Agreements of the appropriate local unions. By signing the Agreement to be Bound, Contractor also adopts and agrees to be bound by the written terms of established Trust Agreements for these benefit funds.

The wages, hours, and other terms and conditions of employment on the project shall be governed by the applicable union's Master Agreement, as required in Article XI of the CWTA.

Only Just Cause Dismissal and/or Discipline. All disputes involving discipline and/or the discharge of employees working on the project must be resolved through the grievance and arbitration provision contained in the applicable Master Agreement. As set forth in Article XIII of the CWTA, no employee working on the project shall be disciplined or dismissed without just cause.

Arbitrate Disputes. Any disputes relating to the interpretation or application of the CWTA, excluding

¹ Work can only be exempted with notice and agreement of Trades Council (see Section 2.3 of CWTA).

work stoppages, strikes, and lockouts, must be resolved through the grievance arbitration procedures in Article XIV of the CWTA. At the time a grievance is submitted, the union may request that the City withhold and retain an amount from what is due and owing to the contractor against whom the grievance is filed. The amount shall be retained by the City until the grievance is withdrawn, settled, or otherwise resolved.

Any jurisdictional disputes on the project amongst the unions and/or the contractor shall be settled according to the plan established by the Building and Construction Trades Department. Its decisions shall be final, binding, and conclusive.

Drug-Free Workplace. Contractors agree to use the Substance Abuse Program contained in each applicable union's Master Agreement, except as it may conflict with the City's Drug-Free Workplace Policy. In the event of a conflict, the City's policy shall control.

Minimum Qualifications. Contractors who fail to satisfy these CWTA requirements, including the requirement to demonstrate a good faith effort to meet the Local Hire and Priority Apprentice Goals, may not meet the City's minimum qualifications when bidding on future City projects and could be deemed non-responsible.

**** PLEASE TYPE IN ALL INFORMATION ****

1. SCOPE OF WORK:

Provide new sports lighting to existing field.

2. ESTIMATED WORK SCHEDULE:

Approximate Commencement Date: _____

Approximate Completion Date: _____

3. ADDRESSES:

Job Location: _____

Company's Local Mailing Address: _____

Big Valley Electric

5130 Garland Ct

Jamestown, CA 95327

Trust Fund Billing Address:

4. CONTRACTOR PERSONNEL:

Project Manager: James Coyle
Office Telephone #: _____
Mobile Telephone #: 209-986-6390
Fax Telephone #: _____

Superintendent: Ryan Robinette
Office Telephone #: _____
Mobile Telephone #: 209-986-4593
Fax Telephone #: _____

Safety Representative: Colton Camara
Office Telephone #: _____
Mobile Telephone #: 209-986-0909
Fax Telephone #: _____

Drug Test Result Coordinator: (List in order of contact priority)

Name of first Contact: _____
Office Telephone #: _____
Mobile Telephone #: _____

Name of second Contact: _____
Office Telephone #: _____
Mobile Telephone #: _____

Name of third Contact: _____
Office Telephone #: _____
Mobile Telephone #: _____

Dispatch Contact Personnel: The following Contractor personnel are the only ones authorized to contact the hiring halls to have craft workers dispatched out to this project:

1. James Coyle _____
2. Ryan Robinette _____
3. Colton Camara _____

Referral procedures will be in accordance with the provisions contained within the Community Workforce Training Agreement. The referral procedures are to be posted in the hiring halls in order to be in full compliance with the law.

5. MANPOWER:

<u>Craft</u>	<u>Peak</u>	<u>Average</u>
Asbestos Workers	_____	_____
Boilermakers	_____	_____
Bricklayers	_____	_____
Carpenters	_____	_____
Cement Masons	_____	_____
Electrical Workers (Inside Wiremen)	6	6
Electrical Workers (Outside Line)	_____	_____
Elevator Constructors	_____	_____
Glaziers	_____	_____
Insulators	_____	_____
Iron Workers (Structural)	_____	_____
Iron Workers (Rebar)	_____	_____
Laborers	4	2
Millwrights	_____	_____
Operating Engineers	2	2
Painters	_____	_____
Pile Drivers	_____	_____
Plumbers/Pipefitters	_____	_____
Plasterers	_____	_____
Roofers	_____	_____
Sheet Metal Workers	_____	_____

Sprinkler Fitters

Teamsters

6. OPERATIONAL INFORMATION:

Number of Shifts:

1

1st Shift Schedule:

_____ AM/PM to _____ AM/PM

2nd Shift Schedule:

_____ AM/PM to _____ AM/PM

3rd Shift Schedule:

_____ AM/PM to _____ AM/PM

Pay Day:

Friday

End of Pay Period:

Friday

Job-Site Telephone Number:

209-986-4593

Job-Site Fax Number:

PROPOSED TRADE ASSIGNMENTS

Big Valley Electric

NAME OF CONTRACTOR: _____

The following jurisdictional trade assignments are proposed and any Union in disagreement with any of these assignments may follow the Community Workforce Training Agreement procedures.

If any trade assignment is contested by any Local Union signatory to the CWA, the Contractor or Sub-Contractor will review all submitted supporting documentation regarding the proposed trade assignment by competing Local Unions and submit to the Administrator and the Local Unions a 'Final Trade Assignment' letter prior to commencing work.

Asbestos Workers: _____

Boilermakers: _____

Bricklayers: _____

Carpenters: _____

Cement Masons: _____

Electrical Workers (Inside Wiremen): Big Valley Electric

Electrical Workers (Outside Line): _____

Elevator Constructors: _____

Glaziers: _____

Insulators: _____

Iron Workers (Structural): _____

Iron Workers (Rebar): _____

Laborers: SDI Services, Inc.

Millwrights: _____

Operating Engineers: SDI Services, Inc.

Painters: _____

Pile Drivers: _____

Plumbers/Pipefitters: _____

Plasterers: _____

Roofers: _____

Sheet Metal Workers: _____

Teamsters: _____

In the space below, please describe any work that you believe not to be covered by the Community Workforce Agreement.

UTILIZATION OF EQUIPMENT

NAME OF CONTRACTOR: _____

List of equipment and the proposed assignment of craft for full-time use or operation of each piece:

(If additional space is needed, copy this page and attach it to the document)

EQUIPMENT:

CRAFT: _____

- | | |
|-----------|-------|
| 1. _____ | _____ |
| 2. _____ | _____ |
| 3. _____ | _____ |
| 4. _____ | _____ |
| 5. _____ | _____ |
| 6. _____ | _____ |
| 7. _____ | _____ |
| 8. _____ | _____ |
| 9. _____ | _____ |
| 10. _____ | _____ |

TOOLS-OF-THE-TRADE: (Part-time use – no listing of craft is necessary)

EQUIPMENT:

EQUIPMENT:

- | | |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

SUB-CONTRACTORS

The following is a list of Sub-Contractors that will be used by the Contractor submitting this Proposed Trade Assignment document. Each Sub-Contractor listed must also submit a completed Proposed Trade Assignment document and go through a Proposed Trade Assignment Pre-Job Conference prior to commencing work.

A copy of a signed Agreement To Be Bound (Attachment A) specific to this contract from each Sub-contractor identified below is to be attached to the end of this document. If additional space is needed, copy this page and attach it to the document.

Name of Sub-Contractor:

Summary of Scope of Work:

1. <u>SDI Services, Inc.</u>	<u>Drilling</u>
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____

EXHIBIT B

LABOR REQUEST FORM

(City of Sacramento Local Hire and Priority Apprentice Requirements Apply)

Trade: _____ Email: _____

Number Required: _____ (Long Call)

_____ (Short Call)

Requesting Company: _____

Requested by: _____ Phone #: _____

Name of Project: _____

Jobsite Address: _____

Report To: _____

Telephone #: _____

Report Date: _____

Report Time: _____

Local Hires: Individuals should be assigned to City of Sacramento projects in the following order of priority: Residents of the City of Sacramento; residents of Sacramento County (outside the City of Sacramento); (3) residents of the Counties of Amador, El Dorado, Nevada, Placer, San Joaquin, Sierra, Sutter, Yolo, or Yuba

Priority Apprentices must live in one of the following zip codes: 95652, 95660, 95811, 95814, 95815, 95817, 95820, 95821, 95822, 95823, 95824, 95832, 95833, 95834, or 95838 and meet one or more of the following qualifications: (1) veteran; (2) prior offender; (3) public assistance recipient; (4) foster youth; (5) homeless individual; or (6) woman.

Notes: _____

REQUIREMENTS FOR THE LOCAL BUSINESS ENTERPRISE PROGRAM (LBE Program)

1. INTRODUCTION

The City of Sacramento has a Local Business Enterprise (LBE) Program to provide enhanced opportunities for local businesses to participate in the City's procurement and contracting activities. The Program began with an LBE Preference for bid and proposal evaluation. The Program was then expanded to require minimum LBE Participation levels in specific procurement opportunities.

2. APPLICATION

As summarized in the table below, there are two components to the LBE Program:

- a. LBE Preference: For certain contracts, a 5% LBE Preference is applied during the bid evaluation process.
- b. LBE Participation Requirement: For certain contracts, a minimum 5% LBE participation level is required for a bidder to be considered responsive.

	Contracts Under \$250,000				Contracts \$250,000 or more			
	Goods	Non-Professional Services	Professional Services	Public Projects	Goods	Non-Professional Services	Professional Services	Public Projects
Apply 5% LBE Preference*	YES	YES	YES	YES	NO	NO	YES	NO
Apply 5% Minimum LBE Participation Requirement	NO	NO	NO	NO	NO	YES	YES	YES

* LBE Preference only applies if the proposed prime contractor qualifies as an LBE.

Local Business Enterprise: A Local Business Enterprise ("LBE") means a business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or other business entity that has a "legitimate business presence" within City limits or the unincorporated area of Sacramento County.

A "legitimate business presence" within City limits or the unincorporated area of Sacramento County means:

- a. An established business entity operating within the selected areas for at least 12 consecutive months prior to submission of bid; and

- b. Legally operating a location in the City of Sacramento or unincorporated area¹ of Sacramento County that is either:
- (1) a principal business office or workspace; or
 - (2) a regional, branch, or satellite office with at least one full-time employee.

To qualify as an LBE, firms must meet these two requirements prior to the deadline for submission of bids or proposals. Upon the request of the City, firms shall provide proof of legally operating a location within City limits or the unincorporated County with the following documents:

- Tax returns for the business;
- Utility bill in the name of the business;
- Business license; and/or
- Secretary of State filings.

Exceptions from LBE Preference and Participation Requirements

The LBE Program does not apply to procurement processes for contracts funded with federal funds, goods or services purchased through cooperative purchase agreements, or contracts entered into in response to a declared emergency.

3. LBE PREFERENCE

For contracts under \$250,000, firms that qualify as an LBE will receive a 5% preference on all City procurement opportunities. For professional service contracts only, this preference also applies to procurement opportunities of \$250,000 or more. The proposed prime contractor must qualify as an LBE to receive LBE preference points. Utilizing an LBE subcontractor is not a basis for receiving LBE preference points.

For contracts to be awarded in response to a solicitation for bids, a bid or quotation submitted by a firm that qualifies as an LBE will receive a 5% bid evaluation preference for the purpose of determining the lowest responsible bidder. This means that, for bid evaluation purposes, the total price bid by an LBE shall be reduced by 5%. However, this reduction only applies for bid evaluation purposes, and the resulting contract or purchase order will reflect the actual amount bid by the LBE.

For contracts awarded in response to a solicitation for proposals or qualifications, a firm that qualifies as an LBE shall receive additional points during the scoring process, so the final score

¹ "Unincorporated area" generally refers to the part of a county that is not part of any city. The unincorporated area of Sacramento County **does not include** the cities of Citrus Heights, Elk Grove, Folsom, Galt, Isleton, Rancho Cordova, Rancho Cordova, and Sacramento.
(see <https://www.sacounty.gov/Government/Pages/CitieswithintheCounty.aspx>).

awarded to the LBE is increased by 5% of the total possible evaluation points. The City Manager does not have the authority to waive the application of the LBE Preference. Only the City Council can waive the application of the LBE Preference. No waiver is required for procurements that are otherwise excluded from the LBE Program (as listed above), including federally funded purchases.

4. LBE PARTICIPATION REQUIREMENT

For non-professional service, professional service, and public project contracts of \$250,000 or more, a minimum 5% LBE participation level is required. To receive credit for the 5% minimum participation requirement, bidders must either (a) be an LBE, or (b) subcontract with a qualified LBE.

Under City Code section 3.60.270, when the City establishes a minimum participation level for LBE's on a contract, no contractor shall be considered responsive unless its bid or proposal meets the minimum LBE participation level required.

The City Manager (or designee) has the authority to waive or reduce the LBE Participation requirements on some procurement opportunities prior to acceptance of bids or proposals.

PARTICIPATION LEVEL

LBE Participation: The percentage of LBE participation is determined based on the dollar value of the work to be performed. LBE credit may be obtained by utilizing LBE qualified subcontractors or suppliers, as outlined below.

Participation Credit: To receive credit for LBE participation:

1. An LBE contractor or subcontractor must: (1) be responsible for the execution of a distinct element of the work; (2) possess any license or certification required for the work; and (3) actually perform, manage, or supervise the work without subcontracting or otherwise shifting any portion of the work to another subcontractor.
2. An LBE supplier must: (1) furnish materials or equipment that the supplier sells as a recurring, although not necessarily primary, part of its business; and (2) the materials or equipment must be necessary for performance of the work.

Suppliers: Credit for an LBE supplier of materials or equipment is counted as 100% of the amount paid to the supplier for the materials or equipment. To receive this credit, LBE Suppliers must be listed on a Subcontractor and LBE Participation Verification Form and submitted with a bid or proposal.

Subcontractors (including Truckers): To receive credit for an LBE subcontractor, the subcontractor must be listed on a Subcontractor and LBE Participation Verification Form and submitted with a bid or proposal.

Truckers: Credit for an LBE trucker is counted as 100% of the amount paid to the trucker for trucking/hauling services, not including any amount paid to the Trucker for the cost of any materials or equipment being transported by the Trucker.

CONTRACTOR AND SUBCONTRACTOR REQUIREMENTS²

LBE Records: The Contractor shall maintain records of all subcontracts with verified LBE subcontractors and records of materials purchased from verified LBE suppliers for one year after receiving final payment from the City. Such records shall show the name and business address of each LBE subcontractor or supplier and the total dollar amount actually paid to each LBE subcontractor or supplier.

No later than 30 days after completion of the work performed under the contract, a summary of these records shall be prepared, certified correct by the Contractor's authorized representative and furnished to the City. The Contractor shall provide such other information, records, reports, certifications or other documents as may be required by the City, to determine compliance with any provision of the LBE Program or these specifications.

Performance of LBE Subcontractors and Suppliers: The LBE subcontractors and suppliers listed by the Contractor shall perform the work and supply the materials or equipment for which they are listed on the Subcontractor and LBE Participation Verification Form, unless the Contractor has received prior written authorization from the City to perform the work with other forces or to obtain the materials or equipment from other sources. Reasons for requesting such authorization would include:

1. The listed LBE subcontractor or supplier fails to execute a written contract based upon the general terms, conditions, plans, and specifications for the project.
2. The listed LBE subcontractor or supplier becomes bankrupt or insolvent.
3. The listed LBE subcontractor or supplier fails to meet the bond requirements of the Contractor.
4. The work performed or the materials or equipment provided by the listed LBE subcontractor or supplier are unsatisfactory or are not in accordance with the plans and specifications.
5. The listed LBE subcontractor or supplier fails to perform its contractual obligations.

² These requirements only apply to the LBE Participation component of the LBE Program
CITY OF SACRAMENTO LBE PROGRAM - 5/31/2023

6. It would be in the best interest of the City.

Subcontractor Substitution: No substitution of an LBE subcontractor shall be made at any time without compliance with the Subletting and Subcontracting Fair Practices Act. If an LBE subcontractor is unable to perform successfully and is to be replaced, the Contractor shall make reasonable efforts to replace the original LBE subcontractor with another verified LBE subcontractor. The new LBE subcontractor must be verified at the time of substitution.

Reporting and Utilization Requirements and Sanctions: Failure to provide specific information, records, reports, certifications or any other documents required for compliance with these specifications, or failure to utilize one or more LBE's in substantial compliance with the LBE utilization indicated in the Contractor's bid or proposal (unless otherwise authorized by the City as provided herein, or when such failure results from changes to the work approved by the City), shall be considered a breach of the contract.

A deduction may be made from the contract amount and the deduction shall not be more than 10% of the value of the work or materials or equipment that the subject LBE(s) were listed to perform or provide in the Contractor's bid or proposal. Deduction shall be made from any payment due the Contractor. This is in addition to any deduction that may be made under any other provision of the Contract, the Sacramento City Code, or State law.

Hearing and Review of Division Manager Decision: Prior to making a deduction pursuant to the Reporting and Utilization Section above, the City shall provide written notice of the proposed deduction to the Contractor. The Contractor may, no later than 5 working days after receiving such notice, provide a written request to the City for a hearing to contest the proposed deduction. Upon receipt of a timely written request from the Contractor, the City shall schedule a hearing before the Division Manager (as defined in the City's Standard Specifications for Public Construction), and written notice of the date, time, and location of the hearing shall be provided to the Contractor not less than 5 working days prior to the date of the hearing.

The hearing shall be conducted in the manner specified in Section 4-8 of the Standard Specifications, and the Division Manager shall prepare and forward to the Contractor a written decision as soon as practicable after the hearing. The Division Manager's decision shall be subject to review in accordance with the provisions of Section 4-9 of the Standard Specifications. Failure to request such review in compliance with the requirements set forth in Section 4-9 shall constitute acceptance of the Division Manager's decision by the Contractor.

Written Notices: The written notices and request described above shall be provided by registered or certified mail (return receipt requested), by personal delivery, or by any other method that provides reliable evidence of the date of receipt. Written notice provided by personal delivery shall be deemed received on the date of delivery.

LOCAL BUSINESS ENTERPRISE (LBE) PARTICIPATION PROGRAM

NOTE: Proposers must provide responses to the following items. Failure to provide a response to each of the items in this section may be grounds for rejection of the proposal.

1. LBE FIVE PERCENT (5%) PARTICIPATION

On April 3, 2012, the Sacramento City Council adopted a Local Business Enterprise (LBE) Preference Program to provide enhanced opportunities for the participation of local business enterprises (LBEs) in the City's contracting and procurement activities. On November 19, 2013, City Council increased the LBE preference and authorized City departments to require minimum LBE participation levels in individual contracts. Under City Code section 3.60.270, when the bid specifications for a City contract establish a minimum participation level for LBEs, no bidder on the contract shall be considered responsive unless its bid meets the minimum LBE participation level required by the bid specifications.

The City has established a minimum 5% participation level for LBEs on this contract. Pursuant to City Code Section 3.60.270, no bidder on this contract shall be considered responsive unless its bid meets or exceeds this minimum participation level. To qualify for this requirement, bidders must either (a) be an LBE, or (b) subcontract with a qualified LBE.

Detailed information about this program can be found at <http://www.cityofsacramento.org/Finance/Procurement/Contract-Ordinances>

Local Business Enterprise means a business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or other business entity that has a legitimate business presence in the city or unincorporated county of Sacramento. Evidence of legitimate business presence in the city or unincorporated county of Sacramento shall include:

1. Having a current City of Sacramento Business Operation Tax or County of Sacramento Business License for at least twelve (12) consecutive months prior to submission of bid; and
2. Having either of the following types of offices or workspace operating legally within the city or unincorporated county of Sacramento for at least twelve (12) consecutive months prior to submission of bid:
 - a. The LBE's principle business office or workspace; or
 - b. The LBE's regional, branch or satellite office with at least one full time employee located in the city or unincorporated county of Sacramento.

A. LOCAL BUSINESS ENTERPRISE (LBE)

Is the firm submitting the bid qualified as a local business enterprise? Check the appropriate box below:

- ☐ **YES** - the firm submitting the bid is qualified as a local business enterprise.
- ☒ **SUBCONTRACTING** - The firm submitting the bid is qualified by utilizing subcontractors or sub-tier suppliers who qualify as local business enterprises.*
- ☐ **NO** - the firm submitting the bid is not qualified as a local business enterprise.

If the response to the above is YES, provide the City of Sacramento Business Operations Tax Certificate Number and/or County of Sacramento Business License Number:

If the response to the above is YES, a current copy of the City of Sacramento Business Operations Tax Certificate and/or County of Sacramento Business License must be provided upon request.

If the response to the above is YES, provide business office or workspace address**:

* If utilizing subcontractors to satisfy the minimum five percent (5%) LBE requirements, the **Subcontractor and Local Business Enterprise Participation Verification Form** found at <http://www.cityofsacramento.org/Finance/Procurement/Contract-Ordinances> must be submitted with your proposal.

** Address must be a physical address for the basis of location, this excludes P.O. Box addresses, etc.

LABOR COMPLIANCE REQUIREMENTS

A summary of the labor compliance requirements will be presented at the pre-construction meeting. However, please read the attached documents relating to the labor compliance requirements and expectations for this project. You will be required to sign the labor compliance acknowledgment at the pre-construction meeting if you are awarded the project. For any questions regarding these requirements, please contact Patricia Saylor at PSaylor@shconsultants.org.

Each contractor and subcontractor (at all levels/tiers) is required to submit certified payrolls and labor compliance documentation electronically at the discretion of and in the manner specified by, the City of Sacramento.

Electronic submittal will be through a web-based system, accessed on the World Wide Web by a web browser. Each contractor and subcontractor will be given a Log On identification and password to access the City of Sacramento reporting system, currently LCPTracker.

Use of the system may entail additional data entry of weekly payroll information including; employee identification, labor classification, total hours worked and hours worked on this project, wage and benefit rates paid, etc. It is the responsibility of the contractor and subcontractors to manually enter their data into LCPTracker if their payroll system doesn't transfer directly to LCPTracker, meeting the required deadlines for those documents.

This requirement 'flows down' to every lower-tier subcontractor and vendor required to provide labor compliance documentation.

All labor compliance requirements must be met by all contractors, sub-contractors, and sub-tier contractors. Failure to meet the labor compliance requirements will result in your pay request or invoice being rejected. No payment shall be made by the City until full compliance has been met. Partial payments/partial withholdings will not be authorized.

Labor Compliance Requirements

This form must be signed by the Prime Contractor and all subcontractors.

Public Works Contractor Responsibilities

- Register as a public works contractor prior to bidding or working on this project
- Pay prevailing wages
- Follow apprenticeship requirements
- Maintain and submit certified payroll records

Pursuant to Labor Code Section 1776 (h), the City of Sacramento will impose penalties of \$100 per day per worker for each day the documentation that is requested is considered late (beyond the 10 days from when notice is given), even if the information you eventually submit is found to be correct. All requested documentation must be uploaded to LCPtracker.

Prevailing Wage Requirements

- **State Prevailing Wage Determinations** <https://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>
 * **Single asterisk** indicates that this wage determination can be used for the life of the contract.
 ****Double asterisk** indicates that this wage determination includes predetermined increases.
- All workers employed in the execution of a public works project, including sole proprietors, partners, and corporate officers, must be paid not less than the specified prevailing wage rates for the type of work performed. *Reference: Labor Code 1774*
- Overtime must be paid for all hours over 8 in a calendar day and 40 hours in a week. Violations may subject the contractor to a state penalty of \$25 per day per worker. *References: Labor Code 1810-1815*
- Saturday/Sunday premium rates are applicable as indicated on prevailing wage determinations.
- When required, shift differential rates must be paid for classifications which include a shift determination.
- Subsistence/Zone pay must be shown on the fringe benefit statement if not shown on certified payroll. The contractor must make applicable travel and subsistence payments in accordance with Department of Industrial Relations wage determinations. *Reference: Labor Code 1773.1*
- Prevailing wage determinations and other job site postings are mandatory to be posted at the job site for workers review. *Reference: Labor Code 1773.2* <https://www.dir.ca.gov/wpnodb.html>
- Contractors violating prevailing wage requirements are subject to a penalty of up to \$200 per day per worker, paid in addition to any wage underpayments. Liquidated damages in the amount of the wage underpayments may also apply. *Reference: Labor Code 1775*

Apprenticeship Requirements

<https://www.dir.ca.gov/Public-Works/Apprentices.html>

<https://www.dir.ca.gov/DAS/DASApprenticesOnPublicWorksSummaryOfRequirements.htm>

<https://www.dir.ca.gov/DAS/PublicWorksForms.htm>

- **DAS140** - Submit contract award information for each craft required on the project using the [DAS 140 form](https://www.dir.ca.gov/DAS/DASForm140.pdf) <https://www.dir.ca.gov/DAS/DASForm140.pdf>. The DAS140 must be submitted to the applicable committee(s) **within 10 days of the date of the prime or subcontract but in no event later than the first day the contractor has workers employed on the public works project.** This form must be uploaded to LCPtracker with proof of service. Proof of service must be certified mail or email receipt only.

- If you are approved to train apprentices, you must send the contract award information to your apprenticeship committee.
- If you are not approved to train apprentices, you must send the DAS 140 to [EVERY apprenticeship committee in the geographic area of the public works project](#) that can supply apprentices to the site of the public works project.
- **DAS 142** - Contact the applicable apprenticeship committee to request apprentices for each craft or trade on your project using the [DAS 142 form](#). <https://www.dir.ca.gov/DAS/DASForm142.pdf> The form must be submitted **at least three business days before apprentices are required**. This form must be uploaded to LCPTracker with proof of service. Proof of service must be certified mail or email receipt only.
- **Employ apprentices in the correct ratio.** Be sure to employ one hour of apprentice work for every five hours performed by a journeyman level worker. Complaints or violations regarding apprentice ratios will be referred to the DAS. *Reference CCR 16434 (c).*
- **Proof of registration in a California approved apprenticeship program** is required for all apprentices and must be uploaded to LCPTracker with the first payroll on which the apprentice appears. Once uploaded, you must request an apprentice approval from the City's Labor Compliance Officer before your payroll can be submitted. <https://www.dir.ca.gov/DAS/appcertpw/AppCertSearch.asp> *Reference: Labor Code 1777.5*
- **CAC2** - Make [training fund contributions](#) in the amount established in the prevailing wage rate – either to the applicable apprenticeship committee, or the [California Apprenticeship Council \(CAC\)](#). <https://www.dir.ca.gov/DAS/tf/cac2.asp> Training Fund Contributions are **due on the 15th of each month**. This form must be uploaded to LCPTracker.
- **Proof of Training Fund Contributions** - Proof of training fund payment must be uploaded to LCPTracker and is **due on the 15th of the following month**. Acceptable proof is a Union status letter, copy of cashed check (front and back) or a letter from the CAC. The letter from the CAC can be obtained by visiting <https://www.dir.ca.gov/CAC/trainingfund/Tfsearch.html>

Certified Payroll Records

- **Certified Payroll Reports (CPR's)** Contractors and subcontractors are required to submit CPR's to the City using LCPTracker and to the Labor Commissioner using DIR's electronic certified payroll reporting system. Payroll must be at least bi-weekly, and CPR's are **due within ten (10) days of pay period end date**. CPR's shall contain the same information for compliance with LC § 1776. <https://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html>
- **Non-Performance Payroll Report** If there is five or more consecutive non-workdays within any single pay period you must submit a non-performance CPR. Payroll must be at least bi-weekly and Non- Performance CPR's are **due within ten (10) days of pay period end date**.
- **Fringe Benefit Statement:** A fringe benefit statement breaking down fringes paid in cash or contributions to plans/programs are **due with first certified payroll report and anytime the fringe benefits change**. If paying to a program, list the program information. Documentation that the amount stated on the fringe benefit statement is being paid on the employees' behalf may be requested for validation.
- **Other Deductions** –Any “other deductions” listed on a CPR needs to be explained on the CPR and must be expressly authorized in writing by the employee. Letter of deduction authorization must be uploaded to LCPTracker. If a court order mandates the deductions, upload a copy of the order to LCPTracker.

Use and Listing of Subcontractors & Suppliers

The prime contractor is responsible for work performed and compliance met by all subcontractors. The Prime Contractor shall perform with its own organization and with the assistance of workers under its immediate superintendence, work of a value not less than twenty percent (20%) of the value of all work in the contract.

The Subletting and Subcontracting Fair Practices Act requires prime contractors to list, at bid time, all subcontractors (including concrete deliveries) who will perform work in excess of one-half of one percent of the total bid amount or \$10,000, whichever is greater. For building projects, subcontractors who will perform work in excess of one-half of one percent must be listed. **The prime must use those subs as listed at bid time unless a written substitution is requested and approved in writing by the Contracts Specialist and Project Manager before substitution.** *References: Public Contract Code 4100-4114; Standard Specifications 5, Control of Work*

Failure to comply with the requirements of the Subletting and Subcontracting Fair Practices Act may result in a penalty of 0-10 percent of the subcontract involved and a referral to the Contractors State License Board. *Reference: Public Contract Code 4110-4111*

- **PW300** All contractors, subcontractors, sub-tier contractors (including concrete delivery companies) are required to submit a PW300 form **prior to start of work** listing all their subcontractors and suppliers hired to perform work or supply product for the project. Anytime a change is made a new PW300 form must be submitted.

Pay Requests

The City will draft monthly pay request on the 20th of each month for work performed thru the 20th of each month. The City inspector will meet with the contractor to agree on quantities for work performed thru the 20th of each month. The City inspector will fill in the quantities agreed upon, have the contractor sign the draft and the inspector will sign the draft. The City inspector will return the draft to the Contracts & Compliance Specialist for labor compliance review no later than the 25th of each month. If labor compliance is required and has not been met, the Labor Compliance Officer will email the contractor with a list of deficiencies that must be resolved before payment can be approved. **By signing below, it is understood that all labor compliance requirements must be met by all contractors, sub-contractors, and sub-tier contractors and failure to meet the labor compliance requirements will result in your pay request or invoice being rejected. No payment shall be made by the City until full compliance has been met. Partial payments/partial withholdings will not be authorized.** Once labor compliance has been cleared, upon approval by the Labor Compliance Officer, a final pay request will be routed by the City for signatures and processing. The Labor Compliance Officer will upload a copy of the final signed pay request to LCPTracker.

Completion of Project

- **Form 264** The Contractor Notification of Completion must be uploaded into LCPTracker. This form is **due at the end of the project** once all punch list items have been completed and the NOC has been requested to be filed.

In accordance with city policy and contract documents, the undersigned contractor herein certifies that it will comply with the foregoing prevailing wage requirements; and fully understands that failure to comply with these requirements will subject it to the penalties cited herein.

Contractor Signature

Contractor Printed Name

Title

Date

All of the forms discussed in this document can be found in LCPTracker under the eDocuments tab.



Prevailing Wages

You must be paid not less than the wage rates listed in the Department of Industrial Relations wage decisions posted with this notice for the work you perform.

Overtime

You must be paid not less than the overtime rates listed in the Department of Industrial Relations wage decisions posted with this notice for the work you perform.

Enforcement

Contract payment can be withheld to ensure workers receive wages and overtime pay due. A contractor who falsifies certified payroll records or induces wage kickbacks may be subject to civil or criminal prosecution, fines and/or imprisonment.

Apprentices

Apprentice rates apply only to apprentices properly registered under the State of California apprenticeship programs.

Who to Call for Questions

If you do not receive proper pay for the work you perform, or require further information on the applicable wages, contact the Labor Compliance Officer listed below:

For Labor Compliance Questions or Concerns for the above referenced project, please contact:

Rachel Trujillo
Contract and Compliance Specialist
Park, Planning, and Development Services
Department of Youth, Parks & Community Enrichment
City of Sacramento
p. (916) 808-6020
e. rtrujillo@cityofsacramento.org

This notice must be posted on the job site at all times with the required job postings and DIR wage determinations associated with this project.

NOTICE REGARDING ASSEMBLY BILL 626

Assembly Bill 626 (AB 626), signed into law September 29, 2016, established a new claim resolution process for public works project contracts entered into on or after January 1, 2017. AB 626 is codified in Section 9204 of the California Public Contract Code. Section 9204 remains in effect until January 1, 2020, and as of that date will be repealed unless another statute extends or deletes this sunset date.

Public Contract Code Section 9204 applies to any “claim,” as defined in Section 9204, which is presented by the Contractor to the City. Section 9204 defines a “claim” as a separate demand by the Contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following: (1) a time extension, including, without limitation, for relief from damages or penalties for delay assessed by the City; (2) payment by the City of money or damages arising from work done by, or on behalf of, the Contractor pursuant to the Contract and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled; or (3) payment of an amount that is disputed by the City.

If Contractor presents a claim to the City in accordance with the provisions of Public Contract Code Section 9204 (hereafter referred to as a “Claim”), the process specified in Section 9204 will be followed, and the provisions of Section 4-8 (Disputed Claims) and Section 4-9 (Review by Claim Review Committee and Issuance of Decision by Department Director) of the City’s Standard Specifications for Public Construction will not apply to the Claim. Contractor’s Claim shall comply with the provisions of Section 4-7 (Notice of Claims for Additional Compensation or Damages) of the City’s Standard Specifications or Contractor shall give a separate written notice of potential claim that complies with the requirements specified in Section 4-7, except in any case where compliance with the requirements specified in Section 4-7 would conflict with Public Contract Code Section 9204.

Subsection (e) of Public Contract Code Section 9204 requires that the text of Section 9204 or a summary be set forth in the plans or specifications for any public works project that may give rise to a claim under Section 9204.

The full text of Public Contract Code Section 9204 is as follows:

9204.

(a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the

claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the

commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

NOTE: AB 456 EXTENDS THE OPERATION OF THIS CLAIM RESOLUTION PROCESS UNTIL JANUARY 1, 2027

SUBCONTRACTOR AND LOCAL BUSINESS ENTERPRISE PARTICIPATION FORM
FOR PUBLIC PROJECTS OVER \$250,000
THIS FORM MUST BE SUBMITTED WITH THE SEALED BID PROPOSAL

To be eligible for award of this contract, the bidder shall list the business entities used to attain the 9% LBE requirement. Additionally, the bidder shall list all other subcontractors who perform work, render service, or provide materials in an amount in excess of one-half of 1 percent of the total bid amount. In the case of bids for the construction of streets and highways, including bridges, subcontractors whose subcontract value exceeds one-half of 1 percent of the total bid or ten thousand dollars (\$10,000), whichever is greater, shall be listed. Estimated dollar values shall be provided for all work, services or materials listed. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1 (a)]. The failure to attain the 9% LBE participation or the inclusion of false information or the omission of required information will render the bid non-responsive.

COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY

Prime Contractor Name	Big Valley Electric
(REQUIRED) Prime Contractor DIR Registration #	1000002901

Business Name	SDI Services, Inc.	Subcontractor or Supplier? (Concrete delivery companies, temporary companies that perform labor of installing or removing fencing and surveyors require DIR Registration)	<input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier
CSLB/Professional License#	759193	DIR Registration# (10 digits)	1000004496
Address	1143 Blumenfeld Drive, Suite 100	Does this subcontractor or supplier qualify as an LBE?	Yes
City, State, Zip	Sacramento, CA 95815	Estimated dollar value of work, services or materials to be performed of provided	\$ 18,000
Contact Person	Jon Ferla	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	jon.ferla@sdiservices.com	Foundation Excavation	
Phone	916-439-2105		

Business Name	OneSource Distributors	Subcontractor or Supplier? (Concrete delivery companies, temporary companies that perform labor of installing or removing fencing and surveyors require DIR Registration)	<input type="checkbox"/> Subcontractor <input checked="" type="checkbox"/> Supplier
CSLB/Professional License#		DIR Registration# (10 digits)	
Address	4351 Northgate Blvd	Does this subcontractor or supplier qualify as an LBE?	Yes
City, State, Zip	Sacramento, CA 95834	Estimated dollar value of work, services or materials to be performed of provided	\$ 85,000
Contact Person	Mike Poolman	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	michael.poolman@1sourcedist.com	Electrical supply	
Phone	209-480-4702		

I hereby certify that each subcontractor listed on this LBE Participation Form has been notified that it has been listed and has consented in writing to its name being sublisted for this contract. The Prime Contractor also certifies that it will notify each subcontractor listed on this Form in writing if the contract award is made to the Prime Contractor, and will make all documentation relevant to the subcontractor and LBE participation available to City of Sacramento upon request. The Prime Contractor further certifies that all of the information contained in this Form is true and correct and acknowledges that the City will rely on the accuracy of this information in awarding the contract.

	OWNER	7/15/2025	\$ 1,251,225.00
Signature (Principal of Firm)	Title	Date	Total Bid Amount (including additive alternates if applicable)



[Public Works Support](#)

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[Contractor Registration Search](#)

[Project Registration Search](#)

[Register](#)

[Home](#) > [Customer Account Lookup](#) > 1000002901 - BIG VALLEY ELECTRIC

1000002901 - BIG VALLEY ELECTRIC

Customer Account Lookup

PWCR

1000002901

Contractor Status

DIR Approved

CSLB

676395

Business Phone

209-986-3550

Ext

Registration Start Date

2025-07-01

Legal Entity Name

BIG VALLEY ELECTRIC

Doing Business As (DBA)

BIG VALLEY ELECTRIC

Business Structure

-- None --

President

James Coyle, Jr.

Email

jcoyle@bigvalleyelectric.com

Registration End Date

2026-06-30

Crafts

ElectricianLABORER

Address

Mailing Address

5130 Garland Court

Mailing Address - City

Jamestown

Mailing Address - State

CA

Mailing Address - Zip

95227

Mailing Address - Country

USA

Physical Address

P O Box 177

Physical Address - City

Copperopolis

Physical Address - State

CA

Physical Address - Zip

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1000004496 - SOLV Drilling Industrial Services LLC

Customer Account Lookup

PWCR

1000004496

Contractor Status

DIR Approved

CSLB

759193

Business Phone

9166381766

Ext

Registration Start Date

2025-07-01

Legal Entity Name

SOLV Drilling Industrial Services LLC

Doing Business As (DBA)

SOLV Drilling Industrial Services LLC

Business Structure

Corporation - S corp

President

Jeff Calabro

Email

michelleb@sacdrill.com

Registration End Date

2026-06-30

Crafts

Operating Engineer

PILE DRIVER (OPERATING ENGINEER-BUILDING CONSTRUCTION)

OPERATING ENGINEER (BUILDING CONSTRUCTION)

Laborer and Related Classifications (Building Construction)

Address

Mailing Address

1143 BLUMENFELD DRIVE100

Mailing Address - City

SACRAMENTO

Mailing Address - State

CA

Mailing Address - Zip

95815

Mailing Address - Country

United States

Physical Address

Physical Address - City

Physical Address - State

Physical Address - Zip

Physical Address - Country

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Information for Parcel:
277-0241-019-0000

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PROPERTY INFORMATION

Assessor Parcel #	27702410190000
Address	1143 BLUMENFELD DR
Postal City, Zip	SACRAMENTO 95815
Jurisdiction	City of Sacramento
County Supervisor	Phil Serna - District
District	1 (https://bos.saccounty.gov/district1)
Assessor Roll Status	ACTIVE

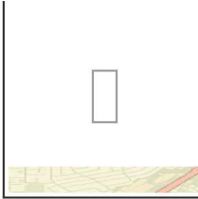
Assessor's Map	 Assessor's Map Bk.277, Pg.024 (GISWebService/api/gisapps/AssessorMapImage/2770241)
----------------	--

PROPERTY TAX BILL

[View Online Property Tax Bill](#)

(<https://eproptax.saccounty.gov/#security>)

Tax Rate Area Code	 03-100 (https://finance.saccounty.gov/AuditorController/Pages/TaxRateAreaCode.aspx)
--------------------	---



1" = 148'



CONTRACTORS STATE LICENSE BOARD

▼ Contractor's License Detail for License # 676395

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

- ▶ CSLB complaint disclosure is restricted by law ([B&P 7124.6](#)). If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click [here](#) for a definition of disclosable actions.
- ▶ Only construction related civil judgments reported to CSLB are disclosed ([B&P 7071.17](#)).
- ▶ Arbitrations are not listed unless the contractor fails to comply with the terms.
- ▶ Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 7/17/2025 11:27:13 AM

Business Information

BIG VALLEY ELECTRIC
PO BOX 177
COPPEROPOLIS, CA 95228
Business Phone Number: (209) 986-3550

Entity Sole Ownership
Issue Date 09/01/1993
Expire Date 07/31/2026

License Status

This license is current and active.

All information below should be reviewed.

Classifications

- ▶ [B - GENERAL BUILDING](#)
- ▶ [C10 - ELECTRICAL](#)
- ▶ [A - GENERAL ENGINEERING](#)

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with [AMERICAN CONTRACTORS INDEMNITY COMPANY](#).

Bond Number: 100890119

Bond Amount: \$25,000

Effective Date: 08/17/2024

[Contractor's Bond History](#)

This license has workers compensation insurance with the [INSURANCE COMPANY OF THE WEST](#)

Policy Number:WPL505261105

Effective Date: 12/19/2024

Expire Date: 12/19/2025

[Workers' Compensation History](#)

Workers' compensation classification code(s):

5140 - Electrical Wiring-high wage

5190 - Electrical Wiring-low wage

6325 - Conduit Construction/Underground Wiring

For a description of the workers' compensation classification code(s) listed for this licensee, contact the licensee's insurance carrier. Contact information for the licensee's insurer is available by clicking the insurer link above. Classification codes are also available on the Workers' Compensation Insurance Rating Bureau's classification search page.

The board does not verify or investigate the accuracy of classification codes displayed.

Other

▶ Personnel listed on this license (current or disassociated) are listed on other licenses.

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CONTRACTORS STATE LICENSE BOARD

▼ Contractor's License Detail for License # 759193

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- ▶ CSLB complaint disclosure is restricted by law ([B&P 7124.6](#)). If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click [here](#) for a definition of disclosable actions.
- ▶ Only construction related civil judgments reported to CSLB are disclosed ([B&P 7071.17](#)).
- ▶ Arbitrations are not listed unless the contractor fails to comply with the terms.
- ▶ Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 7/17/2025 1:08:13 PM

Business Information

SOLV DRILLING INDUSTRIAL SERVICES LLC
dba SDI SERVICES

1143 BLUMENFELD DRIVE STE 100
SACRAMENTO, CA 95815
Business Phone Number: (916) 638-1766

Entity	Ltd Liability
Issue Date	02/16/1999
Reissue Date	03/06/2025
Expire Date	03/31/2027

License Status

This license is current and active.

All information below should be reviewed.

Classifications

- ▶ [A - GENERAL ENGINEERING](#)
- ▶ [C57 - WELL DRILLING](#)

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with [TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA](#).

Bond Number: 108209176

Bond Amount: \$25,000

Effective Date: 03/06/2025

[Contractor's Bond History](#)

LLC EMPLOYEE/WORKER BOND

This license filed a LLC Employee/Worker Bond with [TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA](#).

Bond Number: 108184813

Bond Amount: \$100,000

Effective Date: 03/06/2025

Bond of Qualifying Individual

- ▶ This license filed Bond of Qualifying Individual number **108223647** for PIETRO GRAHAME SAVIOTTI in the amount of **\$25,000** with [TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA](#).
Effective Date: 02/28/2025
[BQI's Bond History](#)

- ▶ This license filed Bond of Qualifying Individual number **108209183** for CHESTER EDWARD BOYER in the amount of **\$25,000** with [TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA](#).

Effective Date: 02/05/2025

[BQI's Bond History](#)

Workers' Compensation

This license has workers compensation insurance with the [TRAVELERS PROPERTY CASUALTY COMPANY OF AMERICA](#)

Policy Number: UBB02404532525K

Effective Date: 05/01/2025

Expire Date: 05/01/2026

[Workers' Compensation History](#)

Liability Insurance Information

This license has liability insurance with [TRAVELERS PROPERTY CASUALTY COMPANY OF AMERICA](#)

Policy Number: VTC2JCO4R632048TIL25

Amount: \$4,000,000

Effective Date: 05/01/2025

Expiration Date: 05/01/2026

[Liability Insurance History](#)

Miscellaneous Information

- ▶ 03/06/2025 - LICENSE REISSUED TO ANOTHER ENTITY

Other

- ▶ Personnel listed on this license (current or disassociated) are listed on other licenses.

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BUSINESS OPERATIONS TAX

Looking for a Business



Looking for a business within the City of Sacramento? Use the search tool below to search for a business by the business description.

Search the BOT database

Enter the value you want to search for then click on the Search Business button. (Only the first 25 accounts will show.) information, please see the [Open Data BOT Information dataset](#) [🔗](#).

Search By: Business Name

Enter value to search Big Valley Electric

Search Business

BUSINESS OPERATION TAX INFORMATION

SITE NAVIGATION

Business Operations Tax

Looking for a Business

Business Improvement
Area

Cannabis Business Tax

Different Types of
Businesses

Renew Your Business
Operations Tax Account

Business Name	Business Description	Close Date	Action
BIG VALLEY ELECTRIC	Electronics & Repairs		Business Detail
Account Number	1113950		
Business Name	BIG VALLEY ELECTRIC		
Business Description	Electronics & Repairs		
Business Start Date	5/8/2024		
Close Date			
Current Expire Date	3/31/2026		
Current License Status	Active		
Location Street Number	5130		
Location Direction			
Location Street Name	GARLAND		
Location Street Type	CT		
Location Unit			
Location City	JAMESTOWN		
Location State	CA		
Location Zip code	95327 - 9163		
Mail Street Number	1190		
Mail Street Direction			
Mail Street name	MOTTSVILLE MEADOWS		
Mail Unit			
Mail City	GARDNERVILLE		
Mail State	NV		
Mail Zip code	89460 - 6312		
Primary Phone number	(209) 986-3550		
Principal Owner First name	JAMES		
Principal Owner Last Name	COYLE		
Mail Street Type	WAY		



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Translate

Ban-the-Box Requirements

BAN-THE-BOX REQUIREMENTS

INTRODUCTION

On September 6, 2016, the City of Sacramento enacted an ordinance regarding criminal conviction information in the employment application process (the “Ban-the-Box Ordinance”), which added Chapter 3.62 to the Sacramento City Code and amended Section 2.40.050 of the Sacramento City Code. The Ban-the-Box Ordinance prohibits “covered employers” from asking an applicant for employment to disclose, orally or in writing, information concerning the criminal conviction history of the applicant, including any inquiry about criminal conviction history on any employment application, until the employer has determined the applicant meets the minimum employment qualifications stated in any notice issued for the position.

APPLICATION

“City Contract”

The Ban-the-Box Ordinance applies to all “city contracts.” The term “city contract” means a contract awarded after January 1, 2017 to a “covered employer” for services or a public project in return for compensation of \$100,000 or more. The term “city contract” includes contracts for services or public projects that were awarded for an amount less than \$100,000, but were amended to increase the total compensation to \$100,000 or more. The Ban-the-Box Ordinance also applies when the aggregate value of all contracts for services or public projects the City has awarded to the same “covered employer” within the previous 12 months is \$100,000 or more.

The Ban-the-Box Ordinance does not apply to: (1) contracts awarded by the City Manager in response to an emergency; and (2) contracts for the purchase or lease of equipment, supplies, or other personal property, even if they include incidental services such as delivery, installation, or maintenance.

“Covered Employer”

The Ban-the-Box Ordinance only applies to “covered employers.” The term “covered employer” means a person who is a party to a “city contract” and has at least 20 employees working either full or part time. The number of employees that a contractor has is determined by adding the contractor’s employees and the employees of any “related person.” A person is a “related person” when any of the following circumstances exists:

- (1) The person and the person that is a party to a “city contract” are both corporations and:
 - (a) Share a majority of members of their governing boards; or
 - (b) Have two or more officers in common; or
 - (c) Are controlled by the same majority shareholder or shareholders (control means more than 50% of the corporation’s voting power); or
 - (d) Are in a parent-subsidary relationship (such a relationship exists when one corporation directly or indirectly owns shares possessing more than 50% of another corporation’s voting power).
- (2) The person otherwise controls and directs, or is controlled and directed by, the person that is a party to a city contract, as determined by the City Manager, or City Manager designee.

The term “covered employer” includes a subcontractor providing services under a “city contract” if the subcontractor has at least 20 employees, whether full- or part-time, or the amount of the subcontract is at least 25% of the amount of the “city contract.”

The term “covered employer” does not include any unit of federal, state or local government.

Exceptions

The Ban-the-Box Ordinance provisions do not apply to: (1) a position for which a “covered employer” is otherwise required by law to conduct a criminal conviction history background check; or (2) a position that will not involve work pursuant to a “city contract.” Additionally, the Ban-the-Box Ordinance does not prevent a “covered employer” from conducting a criminal conviction history background check in subsequent stages of the application process after initially determining whether the applicant meets the minimum employment qualifications.

COMPLIANCE

It is the contractor’s responsibility to determine whether the aggregate value of \$100,000 or more has been met, and to notify the City in writing whenever this is the case. It is also the contractor’s responsibility to ensure that all of its subcontractors who are covered by the Ban-the-Box Ordinance comply with the provisions of the Ban-the-Box Ordinance by including these requirements in all subcontracts covered by the Ban-the-Box Ordinance.

VIOLATIONS AND MONITORING

The Ban-the-Box Ordinance provides that any violation of the Ban-the-Box Ordinance by a “covered employer” constitutes a material breach of the contract, and authorizes the City to terminate the contract. The City may also enforce the Ban-the-Box Ordinance by investigating any alleged violation (but any failure of the City to investigate does not create a right of action against the City). The City may further require “covered employers” to verify compliance.

DECLARATION OF COMPLIANCE

To assure compliance with the Ban-the-Box Ordinance, any person or entity entering into a contract to provide services or a public project to or for the City, after January, 1, 2017, is required to provide the City with a signed Declaration of Compliance in the form specified by the City prior to the City’s execution of the contract. The Declaration of Compliance shall be signed by a duly authorized representative of the person or entity entering into the contract, and when accepted by the City, shall constitute part of the contract.

ADDITIONAL INFORMATION

For a complete description of the Ban-the-Box Ordinance provisions related to City contracts, refer to the Ban-the-Box Ordinance, codified at Sacramento City Code Chapter 3.62. The Sacramento City Code is available on the internet at www.cityofsacramento.org.

For more information on the City’s Ban-the-Box Ordinance, contact Procurement Services at 916-808-6240.

Assembly Bill No. 456

CHAPTER 489

An act to amend Section 9204 of the Public Contract Code, relating to public contracts.

[Approved by Governor October 3, 2019. Filed with Secretary of State October 3, 2019.]

LEGISLATIVE COUNSEL'S DIGEST

AB 456, Chiu. Public contracts: claim resolution.

Existing law prescribes various requirements regarding the formation, content, and enforcement of state and local public contracts. Existing law establishes, until January 1, 2020, for contracts entered into on or after January 1, 2017, a claim resolution process applicable to any claim by a contractor in connection with a public works project against a public entity, as defined. Existing law defines a claim for these purposes as a separate demand by the contractor for one or more of the following: a time extension for relief from damages or penalties for delay, payment of money or damages arising from work done pursuant to the contract for a public work, or payment of an amount disputed by the public entity, as specified.

This bill would extend the operation of this claim resolution process until January 1, 2027.

The people of the State of California do enact as follows:

SECTION 1. Section 9204 of the Public Contract Code is amended to read:

9204. (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) “Contractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) “Public entity” means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) “Public entity” shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) “Public works project” means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) “Subcontractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a

contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on their own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2027, and as of that date is repealed, unless a later enacted statute that is enacted before January 1, 2027, deletes or extends that date.

O

DRUG-FREE POLICY AND AFFIDAVIT

BID PROPOSAL MAY BE DECLARED NONRESPONSIVE IF THIS FORM (COMPLETED) IS NOT ATTACHED.
Pursuant to City Council Resolution CC90-498 dated 6/26/90 the following is required.

The undersigned contractor certifies that it and all subcontractors performing under this Agreement will provide a drug-free workplace by:

1. Publishing a "Drug-Free Workplace" statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Establishing a Drug-Free Awareness Program to inform employees about:
 - a. The dangers of drug abuse in the workplace.
 - b. The contractor's policy of maintaining a drug-free workplace.
 - c. Any available drug counseling, rehabilitation, and employee assistance program.
 - d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.
3. Notify employees that as a condition of employment under this Agreement, employees will be expected to:
 - a. Abide by the terms of the statement.
 - b. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace.
4. Making it a requirement that each employee to be engaged in the performance of the Agreement be given a copy on the "Drug-Free Workplace" statement.
5. Taking one of the following appropriate actions, within thirty (30) days of receiving notice from an employee or otherwise receiving such notice, that said employee has received a drug conviction for a violation occurring in the workplace:
 - a. Taking appropriate disciplinary action against such an employee, up to and including termination; or
 - b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement or other appropriate agency.

* I certify that no person employed by this company, corporation, or business has been convicted of any criminal drug statute violation on any job site or project where this company, corporation or business was performing was within three years of the date of my signature below.

EXCEPTION:

Date

Violation Type

Place of Occurrence

If additional space is required use back of this form.

* The above statement will also be incorporated as a part of each subcontract agreement for any and all subcontractors selected for performance on this project.

IN THE EVENT THIS COMPANY, CORPORATION, OR BUSINESS IS AWARDED THIS CONSTRUCTION AGREEMENT, AS A RESULT OF THIS BID; THE CONTRACTOR WITH HIS/HER SIGNATURE REPRESENTS TO THE CITY THAT THE INFORMATION DISCLOSED IN THIS DOCUMENT IS COMPLETE AND ACCURATE. IT IS UNDERSTOOD AND AGREED THAT FALSE CERTIFICATION IS SUBJECT TO IMMEDIATE TERMINATION BY THE CITY.

The Representations Made Herein On This Document Are Made Under Penalty Of Perjury.

CONTRACTOR'S NAME:

Big Valley Electric

BY:

Signature

Owner

Title

Date: July 16, 2025

Effects of violations: a. Suspension of payments under the Agreement. b. Suspension or termination of the Agreement. c. Suspension or debarment of the contractor from receiving any Agreement from the City of Sacramento for a period not to exceed five years.

North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700)
Bid #B25191121010
MINIMUM QUALIFICATIONS QUESTIONNAIRE

Sacramento City Code Section 3.60.020 authorizes the Sacramento City Council to adopt standard minimum qualifications for bidders on competitively bid public works construction projects, and requires, among other provisions, that a bidder meet such minimum qualifications at the time of bid opening in order to bid. On July 31, 2007, the City Council adopted Resolution No. 2007-574 establishing these standard minimum qualifications. Pursuant to City Code section 3.60.020, a bidder failing to meet these minimum qualifications at the time of bid opening shall not be considered a responsible bidder for purposes of bidding on the subject project.

All bidders must demonstrate compliance with the minimum qualifications established by Resolution No. 2007-574 by completing all of the questions contained in this questionnaire. Bidder responses shall be limited to those operating business units, offices, branches and/or subsidiary divisions of the bidder that will be involved with the performance of any project work if awarded the contract. If a bidder answers "yes" to any single question, fails to submit a fully completed questionnaire, or submits false information, this will result in a determination that the minimum qualifications are not met, and the bidder shall not be considered a qualified bidder for purposes of bidding on this contract. If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must separately meet these minimum qualifications for the Joint Venture to be considered a qualified bidder.

The City of Sacramento ("City") shall make its determination on the basis of the submitted questionnaire, as well as any relevant information that is obtained from others or as a result of investigation by the City. While it is the intent of this questionnaire to assist the City in determining whether bidders possess the minimum qualifications necessary to submit bids on the City's competitively bid public works construction contracts, the fact that a bidder submits a questionnaire demonstrating that it meets these minimum qualifications shall not in any way limit or affect the City's ability to: (1) review other information contained in the bid submitted by the bidder, and additional relevant information, and determine whether the contractor is a responsive and/or responsible bidder; or (2) establish pre-qualification requirements for a specific contract or contracts.

By submitting this questionnaire, the bidder consents to the disclosure of its questionnaire answers: (i) to third parties for purposes of verification and investigation; (ii) in connection with any protest, challenge or appeal of any action taken by the City; and (iii) as required by any law or regulation, including without limitation the California Public Records Act (Calif. Gov't Code sections 6250 et seq.). Each questionnaire must be signed under penalty of perjury in the manner designated at the end of the form, by an individual who has the legal authority to bind the bidder submitting the questionnaire. If any information provided by a bidder becomes inaccurate, the bidder shall immediately notify the City and provide updated accurate information in writing, under penalty of perjury.

QUESTIONNAIRE

NOTICE: For firms that maintain other operating business units, offices, branches and/or subsidiary divisions that will not be involved with the performance of any project work if the firm is awarded the contract, references hereafter to "your firm" shall mean only those operating business units, offices, branches and/or subsidiary divisions that will be involved with the performance of any project work.

All of the following questions regarding "your firm" refer to the firm (corporation, partnership or sole proprietor) submitting this questionnaire, as well as any firm(s) with which any of your firm's owners, officers, or partners are or have been associated as an owner, officer, partner or similar position within the last five years. The firm submitting this questionnaire shall not be considered a responsible bidder if the answer to any of these questions is "yes", or if the firm submits a questionnaire that is not fully completed or contains false information.

1. **Classification & Expiration Date(s) of California Contractor's License Number(s) held by firm:**
License #676395 - A, B, C-10 - Expiration: 7-31-2026 - Big Valley Electric

2. Has a contractor's license held by your firm and/or any owner, officer or partner of your firm been revoked at anytime in the last five years?
- ☐ Yes ☒ No
3. Within the last five years, has a surety firm completed a contract on your firm's behalf, or paid for completion of a contract to which your firm was a party, because your firm was considered to be in default or was terminated for cause by the project owner?
- ☐ Yes ☒ No
4. At the time of submitting this minimum qualifications questionnaire, is your firm ineligible to bid on or be awarded a public works contract, or perform as a subcontractor on a public works contract, pursuant to either California Labor Code section 1777.1 (prevailing wage violations) or Labor Code section 1777.7 (apprenticeship violations)?
- ☐ Yes ☒ No
5. At any time during the last five years, has your firm, or any of its owners, officers or partners been convicted of a crime involving the awarding of a contract for a government construction project, or the bidding or performance of a government contract?
- ☐ Yes ☒ No
6. Answer **either subsection A or B**, as applicable:

- A. Your firm has completed three or more government construction contracts in Sacramento County within the last five years: Within those five years, has your firm been assessed liquidated damages on three or more government construction contracts in Sacramento County for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging the assessment of liquidated damages on a government contract within the last five years, you need not include that contract in responding to this question.

☐ Yes ☒ No ☐ Not applicable

OR

- B. Your firm has not completed at least three government construction contracts in Sacramento County within the last five years: Within the last three years, has your firm been assessed liquidated damages on three or more government construction contracts for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging an assessment of liquidated damages on a government contract within the last three years, you need not include that contract in responding to this question.

☐ Yes ☐ No ☐ Not applicable

7. In the last three years has your firm been debarred from bidding on, or completing, any government agency or public works construction contract for any reason?

NOTE: If there is a pending administrative or court action challenging a debarment, you need not include that debarment in responding to this question.

☐ Yes ☒ No

8. Has CAL OSHA assessed a total of three or more penalties against your firm for any "serious" or "willful" violation occurring on construction projects performed in Sacramento County at any time within the last three years?

NOTE: If there is a pending administrative or court action appealing a penalty assessment,

you need not include that penalty assessment in responding to this question.

☐ Yes

☒ No

9. Answer **either subsection A or B**, as preferred:

A. In the last three years has your firm had a three year average Workers' Compensation experience modification rate exceeding 1.1?

☐ Yes

☒ No

OR

B. In the last three years has your firm had a three-year average incident rate for total lost workday cases exceeding 10?

NOTE: Incident rates represent the number of lost workday cases per 100 full-time workers and is to be calculated as: $(N/EH) \times 200,000$, where

N = number of lost workday cases (as defined by the U.S. Dept. of Labor, Bureau of Labor Statistics)
EH = total hours worked by all employees during the calendar year
200,000 = base for 100 equivalent full-time working (working 40 hours per week, 50 weeks per year)

☐ Yes

☐ No

10. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed penalties three or more times, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was a contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

☐ Yes

☒ No

11. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed a single penalty of \$100,000 or more, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was the contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

☐ Yes

☒ No

12. In the past three years, have civil penalties been assessed against your firm pursuant to California Labor Code 1777.7 for violation of California public works apprenticeship requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

☐ Yes

☒ No

13. In the past three years, has a public agency in California withheld contract payments or assessed penalties against your firm for violation of public works prevailing wage requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a withholding or

penalty assessment, you need not include that withholding or penalty assessment in responding to this question.

☐ Yes

☒ No

14. Has your firm been assessed penalties for violation of public works prevailing wage requirements in California, in an aggregate amount for the past three years of \$50,000 or more?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

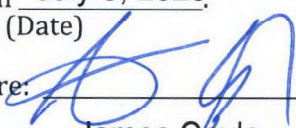
☐ Yes

☒ No

VERIFICATION AND SIGNATURE

I, the undersigned, certify and declare that I have read all the foregoing answers to this Minimum Qualifications Questionnaire, and know their contents. The matters stated in these Questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed at Sacramento, on July 3, 2025.
(Location) (Date)

Signature: 

Print name: James Coyle

Title: Owner

NOTE: If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must submit a separate Minimum Qualifications Questionnaire.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574
DATE ADOPTED: July 31, 2007

Construction and Demolition (C&D) Debris Recycling Requirements

As a condition of receiving this Contract, Contractor agrees to fully comply with the requirements specified herein for all demolition projects, as well as projects with a valuation of \$250,000 or more:

1. **Definitions.** For purposes of this section, the following terms, words and phrases shall have the following meanings:

“Certified C&D sorting facility” means a facility that receives C&D debris and/or processes C&D debris into its component material types for reuse, recycling, and disposal of residuals and possesses a valid certificate as a C&D sorting facility from the Sacramento Regional County Solid Waste Authority.

“Construction and demolition debris” or “C&D debris” means used or commonly discarded materials resulting from construction, repair, remodel or demolition operations on any pavement, house, building, or other structure, or from landscaping that are not hazardous as defined in California Health and Safety Code section 25100 et seq. Such materials include, but are not limited to, concrete, asphalt, wood, metal, brick, dirt, sand, rock, gravel, plaster, glass, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, masonry, plastic pipe, trees, and other vegetative matter resulting from land clearing and landscaping.

“Divert” or “diversion” means to use materials for any purpose other than disposal in a landfill or transformation facility. Methods to divert materials include on-site reuse of the materials, delivery of materials from the project site to a certified C&D sorting facility or a recycling facility, or other methods as approved in regulations promulgated by the City Department of Utilities.

“Franchised waste hauler” means a person who possesses a valid commercial solid waste collection franchise issued by the Sacramento Regional County Solid Waste Authority.

“Mixed C&D debris” means loads that include commingled recyclable and non-recyclable C&D debris generated at a project site.

“Recyclable C&D debris” means C&D debris required to be diverted from landfills as specified in the Waste Management Plan and returned to the economic mainstream in the form of raw material for new, reused or reconstituted products that meet the quality standards necessary to be used in the marketplace.

“Recycling facility” means a facility or operation that receives, processes, and transfers source-separated recyclable materials.

“Source-separated C&D debris” means recyclable C&D debris that is separately sorted and containerized at the site of generation by individual material type and segregated from mixed C&D debris prior to collection and transporting.

“Waste log” means a record detailing the management of C&D debris generated by the covered project, including the date and weight/volume of material by type that was salvaged, reused, recycled or disposed.

2. **Waste Management Plan.** A completed WMP (see **Attachment 1**) must be submitted to and approved by the City prior to commencing any work on the project. The WMP must specify the types of C&D debris that will be generated from the project; the manner in which C&D debris will be managed and/or stored on the project site; the manner in which recyclable C&D debris generated from the project will be recycled or reuse; the person who will haul, collect or transport the recyclable C&D debris from the project site; and the certified C&D sorting facility or recycling facility where recyclable C&D debris will be delivered. The WMP must be approved by the City prior to commencing any work on the project.

3. Contractor shall be solely responsible for diverting the recyclable C&D materials specified on the WMP. Mixed C&D debris shall be delivered to a SWA-certified C&D sorting facility only. Only the permit holder, the person who generates the waste, a franchised waste hauler, or the City of Sacramento can transport or haul mixed C&D debris. Source-separated C&D debris may be delivered by any person to any recycling facility that accepts such materials. (See **Attachment 2** for list of C&D Debris Haulers and Facilities).

4. During the course of the project, Contractor shall maintain a waste log (see **Attachment 3**), and keep all weight tickets or weight receipts, for all C&D debris hauled away from the project. At a minimum, the waste log shall specify the C&D debris generated by the project; the manner in which C&D debris was recycled or re-used; and the facility where the C&D debris was delivered.

5. Within 30 days after submitting the project completion report, Contractor shall submit to the City a completed waste log, along with copies of supporting weight tickets. Contractor shall maintain and keep accurate and complete records of all bills, weight receipts or weight tickets that were issued for the collection, transport or disposal of C&D debris for a period of one-year after submittal of the waste log. The records shall be made available for inspection, examination and audit by the City during the one-year retention period to validate the information provided in the WMP and in the waste log. If the City determines noncompliance by the Contractor after an audit has been conducted, Contractor shall reimburse the City for all costs incurred in performing the audit.

6. Failure by Contractor to comply with any provisions specified herein will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; imposition of a penalty, payable to the City (\$50-\$250 for first offense, \$251-\$500 for second offense, and \$501-\$1500 for subsequent offenses); and/or submission of a performance security deposit fee when submitting a permit application to the City for a project within one year of imposition of the penalty.

For questions or to obtain more information about the Recycling Requirements for C&D debris, contact the City of Sacramento, Solid Waste Services Division, 2812 Meadowview Road, Building 1, Sacramento, CA 95832, or telephone (916) 808-4833, or email C&D@cityofsacramento.org

Construction & Demolition Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-0965 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Building
Permit
Numbers

Please put all known permit numbers related to this project.

Form
submitted by:

Please attach a business card, or put your name with a phone number and/or an email address.

This Waste Management Plan (WMP) must be submitted and approved before your building permit(s) will be issued. Only one WMP is required if a project has multiple building permits associated to it (i.e., multiple houses in a subdivision, or multiple related permits at one address). The administration fee and security deposit (if applicable) must be submitted for this form to be approved. Administration fee is 0.04% of project valuation (min \$40, max \$800); security deposit is 1% of valuation (max \$10,000). **The accompanying Waste Log must be submitted within 30 days of final inspection (or permit expiration) of the project, or a fine may be imposed.** Approval may also be delayed if the waste log from a previous project is due.

Building Project Information:

Job Address: _____

Contractor: _____

Phone: _____

Address: _____

Email: _____

Owner: _____

Phone: _____

Address: _____

Email: _____

Briefly describe the project:

Materials Required to be Recycled

50% of all debris must be recycled if generated during the course of your project. You can either **source-separate** them, which may be hauled by anyone, or mix them in one container and send the **mixed C&D debris** load to a **Certified Mixed C&D Sorting Facility**. Mixed C&D loads can only be hauled by a franchised hauler or self-hauled. Please see the Definitions section, on the next page, for more information.

50%
of all debris
must be recycled

Material Management

How the C&D debris will be stored on the project site: ☐ Mixed C&D ☐ Source-Separated

Company to haul away debris: _____

Facilities to receive debris: _____

Waste Log and tickets must be submitted within 30 days of permit being finalized.

Office Use
Only:

Received by: _____

On date: _____

☐ Logged

☐ Approved

☐ Scanned

☐ Payment Processed

☐ Filed

Fee amount: _____

\$

Construction & Demolition Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Definitions.

Please read and understand these terms. Call Solid Waste at (916) 808-0965 if these terms are not clear to you. More information is also available online at <http://www.sacrecycle.org/>.

1. **Self-haul or self-hauling:** This is when the permit holder, general contractor, or a subcontractor who is doing work on the project hauls their own waste materials for recycling or disposal. Note that a jobsite cleanup crew is not doing other work on the project and is not self-hauling. Jobsite cleanup crews need to be franchised in order to haul mixed C&D debris away.
2. **Franchised hauler:** See Solid Waste web site (<http://www.sacrecycle.org/>) for a list of these haulers. These companies are the only companies in Sacramento who can legally collect and haul mixed C&D debris for a fee.
3. **Source separation:** This is achieving compliance with the recycling requirement by keeping wood, metal, cardboard, or other recyclables in separate containers, and sending it to an authorized recycler. (A list of recyclers is on the Solid Waste web site at <http://www.sacrecycle.org/>.) Source-separated material may be hauled by anyone.
4. **Mixed C&D debris:** This is achieving compliance with the recycling requirement by putting all recyclable (and a small amount of unrecyclable) debris into one container. Mixed material must be sent to a certified mixed C&D sorting facility to have the recyclable material extracted and recovered. Mixed material also must be either self-hauled, or hauled by a franchised hauler. If your job site is crowded, this option saves the most space.
5. **Certified Mixed C&D Sorting Facility:** See the Solid Waste web site for a list. These facilities have been certified by the Sacramento Regional Solid Waste Authority to extract recyclable materials from mixed C&D debris. If you achieve compliance by mixed recovery, your debris must go to a certified mixed sorting facility.

Terms and Conditions

- Your approved Waste Management Plan and Waste Log must be kept on the job site in the permit folder for the duration of the project.
- City of Sacramento staff may enter the jobsite to inspect waste collection areas.
- Only SWA-Certified Mixed C&D Sorting Facilities may be used to recycle these materials if mixed with other materials.
- Only SWA-Franchised Haulers or self-haulers (as defined above) may collect and transport trash or mixed C&D material from the jobsite.
- Construction and Demolition Debris may not be burned or dumped illegally.
- Your Waste Log must be completed and submitted within 30 days of your permit being finalized or expired. All waste hauling and disposal or recycling activity must be entered on the Waste Log, including information from any subcontractors who self-hauled their own debris off-site. Enter your Permit Number on your Waste Log now!
- You must keep all receipts or weight-tickets from your project for a period of one year from the submittal of your waste log.
- Failure to comply with these terms and conditions may result in a fine and a security deposit on future projects.

C&D Debris Haulers & Facilities

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4833 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Certified Mixed C&D Facilities

Allied Waste / Elder Creek Transfer and Recovery	(916) 387-8425
Florin-Perkins Public Disposal	(916) 443-5120
L&D Landfill	(916) 737-8640
Waste Management / K&M Recycle America	(916) 452-0142

Franchised Haulers

ACES Waste Services, Inc.	(866) 488-8837	Elk Grove Waste Management, LLC	(916) 689-4052
Allied Waste Services	(916) 631-0600	Mini Drops, Inc.	(916) 686-8785
All Waste Systems, Inc.	(916) 456-1555	Norcal Waste Services of Sacramento	(916) 381-5300
Atlas Disposal Industries, LLC	(916) 455-2800	North West Recyclers	(916) 686-8575
California Waste Recovery Systems	(916) 441-1985	Waste Management of Sacramento	(916) 387-1400
Central Valley Waste Services, Inc.	(209) 369-8274	Waste Removal & Recycling	(916) 453-1400
City of Sacramento Solid Waste	(916) 808-4839	Western Strategic Materials, Inc.	(916) 388-1076

Recyclers*

Bell Marine	(916) 442-9089
C & C Paper Recycling	(916) 920-2673
EBI Aggregates	(916) 372-7580
International Paper	(916) 371-4634
Modern Waste Solutions	(916) 447-6800
PRIDE Industries, Inc.	(916) 640-1300
Recycling Industries, Inc.	(916) 452-3961
Sacramento Local Conservation Corps	(916) 386-8394
Smurfit-Stone Container Corporation	(916) 381-3340
Southside Art Center	(916) 387-8080
Spencer Building Maintenance, Inc.	(916) 922-1900

Recovery Stations & Landfills

Elder Creek Recovery & Transfer Station	(916) 387-8425
Kiefer Landfill	(916) 875-5555
L & D Landfill	(916) 383-9420
North Area Recovery Station	(916) 875-5555
Sacramento Recycling & Transfer Station	(916) 379-0500
Waste Management Recycle America	(916) 452-0142

More updated information can be found online at:

<http://www.cityofsacramento.org/utilities/>

* Please note that any facility may receive source-separated recyclable materials as long as it is authorized to do so by the State of California. This is not meant to be a complete list.

C&D Debris Waste Log

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Project address: _____

This waste log, and copies of supporting weight tickets, must be submitted to Solid Waste within 30 days of submitting the project completion report. The waste log and weight tickets must also be kept on file for one year after project completion.

Date	Hauler	Material	Destination	Amount

Hauler: Indicate the Franchisee, Self-Hauler, City of Sacramento, or other hauler who removed the material offsite.
Material: Indicate appropriate category: Scrap Metal, Inert Materials, Cardboard, Wooden Pallets, or Clean Wood Waste.
Destination: Indicate the facility that received the material for disposal or recycling
Amount: Indicate the weight. If weight is not known, put volume.

REQUIREMENTS FOR THE LOCAL HIRE AND COMMUNITY WORKFORCE TRAINING PROGRAM

INTRODUCTION

The City of Sacramento has established a Local Hire and Community Workforce Training Program (“Local Hire Program”) to facilitate the employment of residents from the City of Sacramento, as well as the County of Sacramento and nine other nearby counties (the “Local Area”), on the City's capital improvement projects and to develop increased numbers of local skilled construction workers to meet the requirements of the regional construction economy.

APPLICATION

The Local Hire Program applies to the City's capital improvement projects where the cost of the integrated construction project is \$1,000,000 or more.

DEFINITIONS

A “Covered Project” means a City construction project with a total cost of \$1,000,000 or more.

The “Local Area” includes Sacramento, Yolo, Placer, El Dorado, Amador, San Joaquin, Sutter, Yuba, Nevada, and Sierra counties, in the following order of priority:

Priority 1: Residents of the City of Sacramento

Priority 2: Residents of Sacramento County, outside the City of Sacramento

Priority 3: Residents of the Counties of Amador, El Dorado, Nevada, Placer, San Joaquin, Sierra, Sutter, Yolo, Yuba counties

A “Priority Apprentice” means an individual who is enrolled in a State of California approved Joint Apprentice Training Program, and who is a Resident of a Targeted Zip Code and meets one or more of the criteria maintained and enforced by the Sacramento Employment and Training Agency (“SETA”), including:

1. Veteran;
2. Prior offender;
3. Public assistance recipient;
4. Foster youth;
5. Homeless individual; or
6. Woman.

Determination of an individual's qualifications as a Priority Apprentice shall be made by SETA based on documentation provided by the employee including: utility bills, including water, telephone, electricity, etc.; government issued documents, including driver's license, court

order, etc.; bank statement; documentation from an insurance company; mortgage statement or residential lease/rental agreement; or, in the case of homeless individuals, a letter from a non-profit or other organization granting benefits or providing services to the individual. If necessary, SETA shall follow-up with visits or a phone call to verify information.

“Resident” means an individual who resides in the Local Area permanently. To demonstrate that an employee is a Resident of the Local Area, the employee shall provide the following documentation with a qualifying zip code: utility bills, including water, telephone, electricity, etc.; government issued documents, including driver’s license, court order, etc.; bank statement; documentation from an insurance company; a mortgage statement or residential lease/rental agreement; or, in the case of homeless individuals, a letter from a non-profit or other organization granting benefits or providing services to the individual. If necessary, SETA shall follow-up with visits or a phone call to verify information.

A “Targeted Zip Code” means one of the following economically disadvantaged zip codes: 95652, 95660, 95811, 95814, 95815, 95817, 95820, 95823, 95824, 95832, 95838.

LOCAL HIRE AND WORKFORCE DEVELOPMENT PROGRAM

Contractor and subcontractors hired to construct a Covered Project shall utilize workers, including Priority Apprentices and Student Interns, from the Local Area, as set forth below.

Total Workforce Goal

50% of the total workforce hours shall be worked by Residents the Local Area in the following priority:

1. Priority 1: Residents of the City of Sacramento.
2. Priority 2: Residents of Sacramento County outside the City of Sacramento.
3. Priority 3: Residents of the counties of Amador, El Dorado, Nevada, Placer, San Joaquin, Sierra, Sutter, Yolo, and Yuba.

Priority Apprentice Goal

20% of the total apprentice hours for the Covered Project, on a craft by craft basis, shall be worked by Priority Apprentices. Contractors will utilize the normal hiring hall procedures to reach this goal.

Student Internship Goals

All Contractors awarded construction contracts shall make a good faith effort to provide paid internship opportunities to eligible students. Such opportunities may include engineering,

design, and/or construction management work associated with the implementation or administration of a Covered Project or another project.

RECORDS AND DEMONSTRATING DILIGENT EFFORTS OF CONTRACTOR

Each contractor shall attend scheduled pre-job meetings and shall submit written workforce projections and projected work hours on a craft-by-craft basis. Within seven calendar days after receiving a notice to proceed, the Contractor shall meet with the City to present its plan for reaching the Total Workforce, Priority Apprentice, and Student Internship Goals.

Each contractor shall demonstrate its ongoing, diligent effort to satisfy the Total Workforce, Priority Apprentice, and Student Internship Goals by submitting monthly reports to the City identifying: i) journey-level workers that are Local Area Residents (including a listing with name, craft, and zip code of each worker); (ii) apprentices that satisfy the Priority Apprentice criteria, including a breakdown of apprentices that reside within the Targeted Zip Codes and a breakdown of the other Priority Apprentice criteria satisfied (reflecting the name, craft, zip code, and other qualifying criteria met for each apprentice); and iii) student interns that are Local Area Residents. Along with the monthly reports, each contractor shall submit certified weekly payrolls to the City to demonstrate the total hours worked on the project.

If the union hiring hall cannot, upon the request of the contractor or subcontractor, dispatch Local Area Residents or Priority Apprentices to the project, the contractor or subcontractor shall promptly notify the City.

In the event contractor's monthly reports do not demonstrate progress toward achieving the Total Workforce, Priority Apprentice, and Student Internship Goals, or demonstrate contractor's ongoing, diligent effort to do so, the City and the contractor shall meet and confer to identify necessary actions to resolve the issue and ensure a diligent effort to achieve the Total Workforce and Priority Apprentice Goals moving forward. If the contractor demonstrates that sufficient Priority Apprentices residing within the Targeted Zip Codes are unavailable, the City may prioritize apprentices that otherwise satisfy one of the criteria of Priority Apprentices who Reside in the Local Area.

The contractor shall maintain employment and payroll records of workers for three years after receiving final payment from the City. Such records shall show the name and address of worker, and the total number of hours worked.

No later than 30 days after completion of the project, a final report shall be prepared, certified correct by the contractor's authorized representative, and furnished to the City. The contractor shall provide such other information, records, reports, certification, or other documents as may be required by the City, to determine compliance with any provision of the Local Hire Program.

CWTA IFB Language -Estimate Over \$1M

This project is subject to the requirements of the City's Local Hire and Community Workforce Training Program and the City's Community Workforce Training Agreement (CWTA). A copy of the CWTA and a summary of its requirements (CWTA Summary) is provided in **Exhibit D** to this solicitation. By submitting a bid, the Contractor acknowledges that it has read and understands all the requirements, terms, and conditions of the CWTA and CWTA Summary, and has included all costs associated with compliance with the CWTA in its bid.

The Contractor and all listed subcontractors must execute Addendum A to the CWTA ("Agreement to be Bound") and provide an executed original to the City before the contract can be awarded. Each subcontractor for Work covered by the CWTA hired after the time of bid or after contract award, must also execute Addendum A to the CWTA. No subcontractor may perform Work prior to executing Addendum A and providing the executed original to the City.

Contractor must include the provisions of this section, as well as a copy of the CWTA and the CWTA Summary, in every subcontract for Work covered by the CWTA.

By submitting a bid, Contractor represents that the Contractor and all its subcontractors performing Work covered by the CWTA will execute the Addendum A if awarded the contract.

The failure to sign and submit Addendum A by any subcontractor, shall be grounds for subcontractor substitution and/or for the City to withhold payment for the Work performed in the absence of the necessary Addendum A.

The failure to satisfy any requirements of the CWTA, including the requirements to submit an Addendum A and demonstrate a good faith effort to meet the Local Hire and Priority Apprentice Goals, may result in a determination that the Contractor does not meet the City's minimum qualifications to bid on future projects for the City of Sacramento.

REQUIREMENTS OF THE NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits Code (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

APPLICATION

The provisions of the Ordinance apply to any contract or agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding \$100,000.00. The Ordinance applies to that portion of a contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City contract is being performed.

The Ordinance does not apply: to subcontractors or subcontracts of any Contractor or contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to permits for excavation or street construction; or to agreements for the use of City right-of-way where a contracting utility has the power of eminent domain.

DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use or occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a contracting utility has the power of eminent domain; or agreements governing the use of City property that

constitute a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

“Contractor” means any person or persons, firm, partnership, corporation, company, or combination thereof, that enters into a Contract with the City. “Contractor” does not include a public entity.

“Domestic Partner” means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

“Employee Benefits” means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees. “Employee benefits” shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state.

CONTRACTOR’S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee’s name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of contract.

EMPLOYER NOTICE REQUIREMENTS

(a) The Contractor shall give each existing employee working directing on a City Contract, and (at the time of hire), each new employee, a copy of the notification provided as Attachment “A.”

(b) Contractor shall post, in a place visible to all employees, a copy of the notice provided as Attachment “B.”

Attachment A



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

On (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits Code (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific contract referenced above, but only for the period of time while those employees are actually working on this specific contract.

The included employee benefits are:

- | | |
|---|---|
| - Bereavement leave | - Moving expenses |
| - Disability, life and other types of insurance | - Pension and retirement benefits |
| - Family medical leave | - Vacation |
| - Health benefits | - Travel benefits |
| - Membership or membership discounts | - Any other benefits given to employees |

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

You May . . .

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814

- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:
 - Reinstatement, injunctive relief, compensatory damages and punitive damages
 - Reasonable attorney's fees and costs



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- | | |
|---|---|
| - Bereavement leave | - Moving expenses |
| - Disability, life and other types of insurance | - Pension and retirement benefits |
| - Family medical leave | - Vacation |
| - Health benefits | - Travel benefits |
| - Membership or membership discounts | - Any other benefits given to Employees |

If you feel you have been discriminated against by your employer . . .

You May . . .

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814
- Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

Discrimination and Retaliation Prohibited.

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

You May Also . . .

Submit a written complaint to the City of Sacramento, Contract Services Unit, at the same address, containing the details of the alleged violation.

CITY OF SACRAMENTO
AN ORDINANCE
NON-DISCRIMINATION IN EMPLOYEE BENEFITS
BY CITY CONTRACTORS

Frequently Asked Questions - For Contractors' Use

This document contains information on the most important questions about Sacramento's Non-Discrimination in Employee Benefits by City Contractors Ordinance. These questions and answers are general; see the text of the Ordinance for a more detail explanation.

- Q. What is the purpose of Sacramento's Non-Discrimination in Employee Benefits by City Contractors Ordinance?
- A. The purpose of the Ordinance is to prohibit contractors from discriminating between employees with spouses and employees with domestic partners, and from discriminating between the spouses and domestic partners of employees, in the provision of employee benefits.
- The Ordinance does not require contractors, who do business with the City, to provide employee benefits. It does, however, require those contractors who do business with the City and who do provide employee benefits, to provide those employee benefits without discrimination.
- Q. What is the effective date of the Ordinance?
- A. The Ordinance applies to any contract which has a bid submittal due date on or after April 1, 2005.
- Q. What is the definition of "Contractor"?
- A. For the purpose of this Ordinance, a Contractor is any person who is a party to an applicable City Contract or Agreement who, in the normal course of business, provides for the performance of public works or improvements, the purchase of goods or services, or grants.
- Q. What is the definition of "Employee"?
- A. Employee means an individual who performs work directly related to an applicable City Contract, whether the individual works full-time or part-time, is a contingent or contract employee, or is made available to work on the City Contract through a temporary-services agency or similar entity.

CITY OF SACRAMENTO

AN ORDINANCE

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS

Frequently Asked Questions - For Contractors' Use

"Employee" does not include:

- Individuals who participate in job-training and education programs that have, as their express purpose, the provision of basic job skills and education to participants with the goal of earning a high-school equivalency diploma and permanent employment.
- Student interns.
- Individuals participating in specialized training programs.

Q. What is the definition of "Domestic Partner"?

A. Domestic Partner means any person who has a currently registered Domestic Partnership with a governmental entity pursuant to state or local law authorizing the registration.

Q. What are "Employee Benefits"?

A. Employee Benefits subject to the Ordinance are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership benefits
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefit offered to employees

Q. What are some conditions that can be met to preclude discrimination in providing employee benefits?

A. If it costs more to provide a certain benefit for the domestic partner of an employee than it costs to provide that same benefit for the spouse of an employee, or if it costs more to provide a certain benefit for the spouse of an employee than it costs to provide that same benefit for the domestic partner of an employee, the contractor will not be deemed to discriminate in the providing employee benefits if the contractor conditions providing the benefit if the employee agrees to pay the excess costs.

CITY OF SACRAMENTO

AN ORDINANCE

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS

Frequently Asked Questions - For Contractors' Use

In the event a contractor is unable to provide a certain benefit to both the spouse or domestic partner of employees, despite taking reasonable measures to do so, the contractor will not be deemed to discriminate in the providing employee benefits if the contractor provides the employee with a cash equivalent.

A contractor will not be deemed to be discriminating in providing employee benefits if the contractor does not provide employee benefits to employees' spouses or to employee's domestic partners or on a basis that is unrelated to marital or domestic partner status.

- Q. What "applicable contracts or agreements" are subject to the Ordinance?
- A. Contracts or Agreements subject to the Ordinance are those contracts or agreements with the City, executed in an amount exceeding \$100,000.00 (either initial value or total value after any addition or modification), which provide for the performance of public works or improvements, the purchase of goods or services, or grants to be provided, but only to the extent of the contractor's operation that occurs:
- Within the City of Sacramento
 - On real property outside the City of Sacramento:
 - If the property is owned by the City, or
 - If the City has a right to occupy the property
 - Elsewhere in the United States, at any location where a significant portion of work related to the contract is being performed.

The Ordinance also applies to written agreements for the exclusive use or occupancy of real property, for a period of time exceeding 29 days in any calendar year for:

- The operation or use by others of real property owned or controlled by the City (whether by leases, concessions, franchises, or easements), for the operation of a business, social or other establishment or organization.
- The City's use or occupancy of real property owned by others (whether by leases, concessions, franchises, or easements).

CITY OF SACRAMENTO

AN ORDINANCE

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS

Frequently Asked Questions - For Contractors' Use

The Ordinance does not apply to:

- Transactions entered into pursuant to cooperative purchasing agreements approved by the City Council.
- Legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City.
- Subcontractors or subcontractors of any contract or contractors.
- Contracts covering excavation, street construction or street use permits, agreements for the use of City right-of-way where a contracting utility has the power of eminent domain
- Agreements governing the use of City property that constitutes a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally recognized as protected by the First Amendment to the U. S. Constitution, or that are primarily recreational in nature.

Q. Is it possible to waive the provisions and requirements of the Ordinance?

A. Yes. The City Manager, or designee, may waive the requirements of the Ordinance under designated circumstances. All requests for waiver need to be detailed, in writing, and routed through the Project Manager for initial review and approval.

Q. Am I required to provide employee notification regarding the Ordinance?

A. Yes. Contractors subject to the Ordinance must give to each current employee **(WORKING DIRECTLY ON THE CONTRACT)** and, within ten (10) days of hire, each new employee **(WHEN WORKING DIRECTLY ON THE CONTRACT)**, written notification of his or her rights under the Ordinance in a form specified by the City. (See Sample Letter; Attachment A). A copy of each such letter must be retained in an appropriate file for possible future review by an authorized City representative.

In addition, a similar notice must be prominently posted in areas where it may be seen by all employees. (See Sample Poster; Attachment B).

CITY OF SACRAMENTO

AN ORDINANCE

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS

Frequently Asked Questions - For Contractors' Use

Q. If I have questions about the Ordinance or its application, who can I contact for assistance?

A. You can contact the Program Administrator at:

City of Sacramento
Procurement Services
915 I Street, 2nd Floor
Sacramento, CA 95814-2714
(916) 808-6240
(916) 808-5747 (Fax)

Attachment A



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

On (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits Code (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific contract referenced above, but only for the period of time while those employees are actually working on this specific contract.

The included employee benefits are:

- | | |
|---|---|
| - Bereavement leave | - Moving expenses |
| - Disability, life and other types of insurance | - Pension and retirement benefits |
| - Family medical leave | - Vacation |
| - Health benefits | - Travel benefits |
| - Membership or membership discounts | - Any other benefits given to employees |

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

You May . . .

- Submit a written complaint to the City of Sacramento, Procurement Services containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814

- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:
 - Reinstatement, injunctive relief, compensatory damages and punitive damages
 - Reasonable attorney's fees and costs

Attachment B



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- | | |
|---|---|
| - Bereavement leave | - Moving expenses |
| - Disability, life and other types of insurance | - Pension and retirement benefits |
| - Family medical leave | - Vacation |
| - Health benefits | - Travel benefits |
| - Membership or membership discounts | - Any other benefits given to employees |

If you feel you have been discriminated against by your employer . . .

You May . . .

- ☐ Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814
- ☐ Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

Discrimination and Retaliation Prohibited.

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

You May Also . . .

Submit a written complaint to the City of Sacramento, Procurement Services, at the same address, containing the details of the alleged violation.

DECLARATION OF COMPLIANCE
Equal Benefits Ordinance

Name of Contractor

Address

The above named contractor ("Contractor") hereby declares and agrees as follows:

1. I have read and understand the Non-Discrimination In Employee Benefits By City Contractors Ordinance ("Ordinance") provided to me by the City of Sacramento ("City") in connection with the City's request for proposals or other solicitations for the performance of services, or for the provision of commodities, under a City contract or agreement ("Contract").
2. As a condition of receiving the City Contract, I agree to fully comply with the requirements of the Ordinance, codified as Chapter 3. 54 of the Sacramento City Code.
3. If the face amount of this City Contract is less than \$100,000.00 as a condition of receiving this Contract, I agree to notify the City in writing if the aggregate value of the City Contract referenced herein, after changes, modifications, or similar actions, equals or exceeds \$100,000.00 in total value.
4. I understand, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance, are any of the following:
 - a. Bereavement Leave
 - b. Disability, life, and other types of insurance
 - c. Family medical leave
 - d. Health benefits
 - e. Membership or membership discounts
 - f. Moving expenses
 - g. Pension and retirement benefits
 - h. Vacation
 - i. Travel benefits
 - j. Any other benefit offered to employees

I agree that should I offer any of the above listed employee benefits, that I will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

5. I understand that I will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. In the event that the actual cost of providing a benefit to a domestic partner or spouse, exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, I will not be required to provide the benefit, nor shall it be deemed discriminatory, if I require the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.

- b. In the event I am unable to provide a certain benefit, despite taking reasonable measures to do so, if I provide the employee with a cash equivalent, I will not be deemed to be discriminating in the application of that benefit.
- c. If I provide employee benefits neither to employee's spouses nor to employee's domestic partners.
- d. If I provide employee benefits to employees on a basis unrelated to marital or domestic partner status.
- e. If I submit, to the Program Coordinator, written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies which are to be enacted before the first effective date after the first open enrollment process following the date the Contract is executed with the City.

I understand that any delay in the implementation of such policies may not exceed one (1) year from the date the Contract is executed with the City, and applies only to those employee benefits for which an open enrollment process is applicable.

- f. Until administrative steps can be taken to incorporate, in the infrastructure, nondiscrimination in employee benefits

The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date the Contract is executed with the City.

- g. Until the expiration of a current collective bargaining agreement(s) where, in fact, employee benefits are governed by a collective bargaining agreement(s).
- h. I take all reasonable measures to end discrimination in employee benefits by either requesting the union(s) involved agree to reopen the agreement(s) in order for me to take whatever steps are necessary to end discrimination in employee benefits or by my ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
- i. In the event I cannot end discrimination in employee benefits despite taking all reasonable measures to do so, I provide a cash equivalent to eligible employees for whom employee benefits (as listed previously), are not available.

Unless otherwise authorized in writing by the City Manager, I understand this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or no longer than three (3) months from the date the Contract is executed with the City.

- 6. I understand that failure to comply with the provisions of Section 5. (a) through 4. (i), above, will subject me to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future contracts until all penalties and restitution have been paid in full; deemed ineligible for future contracts for up to two (2) years; the imposition of a penalty, payable to the City, in the sum of \$50.00 for each employee, for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.

7. I understand and do hereby agree to provide each current employee and, within ten (10) days of hire, each new employee, of their rights under the Ordinance. I further agree to maintain a copy of each such letter provided, in an appropriate file for possible inspection by an authorized representative of the City. I also agree to prominently display a poster informing each employee of these rights.
8. I understand that I have the right to request an exemption to the benefit provisions of the Ordinance when such a request is submitted to the Procurement Services Division, in writing with sufficient justification for resolution, prior to contract award.

I further understand that the City may request a waiver or exemption to the provisions or requirements of the Ordinance, when only one contractor is available to enter into a contract or agreement to occupy and use City property on terms and conditions established by the City; when sole source conditions exist for goods, services, public project or improvements and related construction services; when there are no responsive bidders to the EBO requirements and the contract is for essential goods or services; when emergency conditions with public health and safety implications exist; or when the contract is for specialized legal services if in the best interest of the City.

9. In consideration of the foregoing, I shall defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the City's Equal Benefits Requirements or of the Ordinance by me.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

Date

Print Name

Title

SPECIAL PROVISIONS

**SPECIAL PROVISIONS FOR:
NORTH NATOMAS REGIONAL PARK FIELDS 1-3 LIGHTING**

PN: L19140700

May 29, 2025

I. GENERAL REQUIREMENTS

A. SCOPE AND LOCATION OF WORK

The work to be performed under these Special Provisions consists of park improvements at North Natomas Regional Park in Sacramento. The improvements will consist of providing and installing sports field lights for baseball fields 1, 2 and 3. Additional improvements will include the installation of two bull pens on field 1, with demolition, clearing and grubbing, grading, 8' and 6' chain link fencing, concrete flatworks, concrete mow strip, decomposed granite paving irrigation modifications and baseball rubber and homeplates.

B. COMPLETION TIME

The time for the completion of all work is **FORTY (40) Working Day** from the Notice to Proceed for substantial completion. Should said work not be completed to the satisfaction of the City within said time, the contractor shall pay to the City of Sacramento a sum of ONE THOUSAND DOLLARS (\$1,000.00) as liquidated damages and not as a penalty for each calendar day delay after the expiration of such period until the final acceptance of the work by the City and its delivery to the City.

C. SPECIFICATIONS

The work to be performed under this contract shall be done in accordance with the Standard Specifications of the City of Sacramento, (adopted in November 2020), which can be accessed at <http://www.cityofsacramento.org/Utilities/Development-Standards>, referred to herein as "Standard Specifications" as modified by these Special Provisions, which shall apply to all work.

i. Standard Specification 1-23

The word "Engineer" shall also mean "Landscape Architect" as defined in Standard Specification Section 1-33.

ii. Standard Specifications Section 2-9 SUBCONTRACTORS

Add the following after subparagraph 2 in the Standard Specifications:

If a prime Contractor fails to specify a subcontractor, or, if a prime Contractor specifies more than one (1) subcontractor for the same portion of work to be performed under the Contract, which portion exceeds one-half of one percent of the prime Contractor's total bid, the prime Contractor agrees that it is fully qualified to perform that portion of the work and that the prime Contractor shall perform that portion of the work.

iii. Standard Specifications Section 5-4 COOPERATION OF CONTRACTOR

Add the following after the last paragraph of the Standard Specifications Section 5-4 COOPERATION OF CONTRACTOR with the following:

Contractors shall cooperate with the Landscape Architect, City inspectors, and with other Contractors that may be working at the same jobsite as directed by the Landscape Architect and/or City inspector. The City inspector shall designate the sequence of construction in case of a disagreement between Contractors.

iv. Standard Specifications Section 7-2 WORK SCHEDULE AND ADEQUATE RESOURCES

Add the following after the last paragraph of the Standard Specifications Section 7-2 WORK SCHEDULE AND ADEQUATE RESOURCES:

The contractor shall submit with each Pay Request Application an updated Work Schedule. The updated Work Schedule is an integral part of the Pay Request Application. The Pay Request Application will not be accepted for processing without an accompanying updated Work Schedule.

v. Standard Specifications Section 8 -1 MEASUREMENT OF QUANTITIES

Add the following paragraph: "The Landscape Architect shall determine quantities of work acceptable under the terms of the Contract. Not more than once per month the Contractor shall present to the Landscape Architect a statement showing the amount of labor and materials incorporated into the work."

vi. Special Notice Regarding Standard Specifications: The Standard Specifications of the City of Sacramento, dated November 2020, are subject to the provisions of Chapter 3.60 of the Sacramento City Code. If there is any conflict between the Standard Specifications as currently written and Chapter 3.60 of the Sacramento City Code, the City Code shall govern.

D. SUBCONTRACTORS

The Contractor shall comply with Section 2-9 of the Standard Specifications.

E. SCHEDULE OF UNIT PRICES

The designated lowest responsible bidder shall provide a Schedule of Unit Prices to the Landscape Architect prior to the award of the Contract. The form for the Schedule of Unit Prices will be provided to the bidder by the Landscape Architect after issuance of the Notice of

Award. This Schedule of Unit Prices shall be used for Contract payments; only the unit process stated on the bid sheet. Unit prices provided on the Schedule of Unit Prices are for information only and may be used as a basis for determining the Contractor's direct costs in preparing change orders for additional work.

F. TIME OF AWARD

Section 3-2 TIME OF AWARD of the Standard Specifications, the first paragraph is amended as follows: "The award of a formally bid Contract, if made, will be made within ninety (90) calendar days after opening of the Proposals.

G. PRE-BID INTERPRETATION OF CONTRACT DOCUMENTS

No oral representations or interpretation will be made to any bidder as to the meaning of the Contract Documents. Request for interpretation shall be made in writing and delivered to the City at least seven (7) days before the time announced for opening the Proposals. Interpretation, where necessary, will be made by the City in the form of an addendum to the Invitation for Bids, and when issued, will be sent as promptly as is practical to all parties to whom the bid documents have been issued who have subscribed to Planet Bids. All such addenda shall become part of the Contract. Request for information regarding shall be directed to **Dennis Day**, a Department of Youth, Parks and Community Enrichment, Park Planning & Development Services, 915 I Street, 3rd Floor, Sacramento, CA 95814, (916) 380-8813, FAX (916) 808-8275, email: dday@cityofsacramento.org.

It shall also be the bidder's responsibility to call to the attention of the Landscape Architect any missing pages or drawings in the contract documents, including the addenda. These items shall be brought to the attention of the Landscape Architect at least seven (7) calendar days before the bid opening date.

H. PRE-JOB CONFERENCE AND CONSTRUCTION SCHEDULE

The Contractor, after delivery by City of the executed Contract and at least three (3) calendar days before beginning work, shall notify the Landscape Architect to arrange for a pre-job conference. The Contractor shall submit to the Park Construction Inspector construction progress schedules in accordance with Section 7-2 of the Standard Specifications.

I. WORKMANSHIP AND MATERIALS

Except as otherwise specified, all materials and equipment incorporated in the work under the Contract shall be new. The quality of materials and workmanship shall be in accordance with the provisions of Section 5-17 of the Standard Specifications. The appearance of the finished work is of primary importance in all phases of this project. Any portion of the work may be rejected due to appearance defects.

J. TRADE NAMES AND ALTERNATIVES

In accordance with Paragraph 5-18 of the Standard Specifications, certain articles or materials to be incorporated in the work may be designated, for

convenience, under a trade name or the name of a manufacturer and the catalogue information. The use of an alternative article or material which is of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the approval of the Landscape Architect. The Contractor shall, within **seven (7) calendar days** after issuance of the **Bid Summary and Notification of Award Recommendation**, submit for the review of the Landscape Architect, materials, products, equipment and services which differ in any respect from the materials, products, equipment and services specified in the Invitation for Bids. Such submittals shall be accompanied by data to substantiate that such items are equal to those specified. The Landscape Architect shall be the sole judge as to the quality and suitability of substitutions and his/her decision shall be final. Requests for substitutions will not be entertained or considered by the Landscape Architect during the bidding period. No delay or extension of the Contract time will be allowed because of the time required for submitting substitutions or for determining their equality. Failure to propose the substitution of any article or service within **seven (7) calendar days** after the issuance of the **Bid Summary and Notification of Award Recommendation** will be deemed sufficient cause for the denial of request for substitution.

After approval for a substitution is given, the Contractor shall be responsible for any variation of dimensions, locations, connections, sizes and openings, type and construction of substrate or support to receive materials, etc. The Contractor shall furnish and install any and all additional materials as may be required to perform a complete job without additional cost to the City.

Request for substitution approval shall, in addition to the directions described above, list any and all deviations in the quality, criteria, characteristics or dimensions from the specified item or items. Any deviations in the quality, criteria, characteristics or dimensions that do not appear in the request for substitutions and subsequently appear in the shop drawings or in the product or installation may cause the Contractor to be directed to remove the item or items in total and at its expense, and to provide and install the item or items as originally specified. The mere mention in the request for substitution that the item or items will be in accord with the manufacturer's specification or catalog will not be sufficient to alter the specifications. The request for substitution must specifically list where deviations in the quality, criteria, characteristics or dimensions exist.

K. ACCIDENT PREVENTION

The Contractor's attention is directed to Section 6-9 of the Standard Specifications, which requires compliance with all requirements of the California Occupational Safety and Health Act.

L. LOCATION OF EQUIPMENT AND PIPING

Drawings showing locations of equipment, piping, valves, sprinkler heads, and other appurtenances are diagrammatic only. When installation deviates from the plans and specifications, the Landscape Architect shall be notified for approval. The Contractor will be held responsible for deviations made without first obtaining the Landscape Architect's written approval, and shall remove and relocate such items at his own expense if so directed by the Park Construction Inspector.

M. RELIEF FROM MAINTENANCE AND RESPONSIBILITY

Upon the written request of the Contractor and upon written approval by the Landscape Architect, the Contractor may be relieved of the duty of maintaining and protecting certain portions of the work, which have been completed in all respects in accordance with the requirements of the Contract and to the satisfaction of the Landscape Architect, and thereafter, except with his or her consent, the Contractor will not be required to do further work thereon. In addition, such action by the Landscape Architect will relieve the Contractor of responsibility for injury or damage to said completed portions of the work resulting from use by public traffic or from the action of the elements or from any other cause, but not from injury or damage resulting from the Contractor's own operations or from its negligence. Nothing in this section providing for relief from maintenance and responsibility will be construed as relieving the Contractor of full responsibility for repairing or replacing defective work or materials found at any time before either the formal acceptance of the entire work by the City or during the applicable guarantee period.

N. COORDINATION OF CONTRACT DOCUMENTS

The following sentence is added to the end of Section 5-3 of the Standard Specifications:

In case of conflict between drawings and specifications, the drawings shall govern in matters of quantity and the specifications in matters of quality. In case of conflict within the drawings involving quantities or within the specifications involving qualities, the greater quantity and the higher quality shall be furnished.

O. PROTECTION OF DRAINAGE FACILITIES

The Contractor shall maintain all new drainage facilities so storm drainage runoff into the new system is clean. Use straw bales around inlets to minimize sediment infiltration during rainy season and control of the irrigation schedule to minimize runoff during initial planting of turf is required.

P. CLEANING

The Contractor shall at all times keep the work site free from accumulations of waste material or rubbish caused by its employees work, and at the completion of work, the Contractor shall remove all rubbish from and about the work site and all tools, scaffolding and surplus materials, and shall leave the work site, including all sidewalks and paving areas, "broom clean", or its equivalent, unless more exactly specified in other trade sections of the specifications. In case of dispute, the City may remove the rubbish and charge the cost to the Contractor. The Contractor at its expense shall remove spillage resulting from hauling operations along or across any public street immediately. Water or dust palliative shall be applied if ordered by the Park Construction Inspector for the alleviation or prevention of dust nuisance. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners.

Q. SUBMITTALS

In accordance with the provisions of Section 5-7, Standard Specifications (except where noted below), the Contractor shall furnish the Landscape Architect with such shop drawings and other descriptive materials as may be necessary to

adequately describe the equipment, material, and fabricated items proposed to be furnished under the Contract, and to determine their compliance with the specifications, design, and arrangement shown on the contract drawings. Items to conform to Special Provisions and may include, but not limited to:

ITEM	PRODUCT DATA	SHOP DRWINGS	MOCK-UP OR SAMPLE
Electrical System Materials	X		
Light Structure System with Total Light Control -TLC for LED technology	X		
Chain Link Fencing and Gates	X		
Aggregate Base	X		
Concrete Flatwork	X		
Decomposed Granite Paving	X		
Irrigation Materials	X		
Baseball Bases	X		

One (1) copy of such submittals shall be furnished for review by the Landscape Architect, **a digitally scanned copy** will promptly be returned with approval, rejection, or approval with modification. Neither equipment nor material shall deviate in any way from the approved drawings without prior written approval of the Landscape Architect. Any fabrication of other work performed in advance of such approval shall be done entirely at the risk of the Contractor. The approval of submitted drawings or other descriptive material shall not relieve the Contractor of any obligation or responsibility for fulfillment of the Contract requirements.

R. RECORD DRAWINGS OF NEW CONSTRUCTION

Should the work as installed differ from the original design, the Contractor shall supply the City with a reproducible full size PDF drawing and (1) Full size and (1) ½ size hard copy set with all deviations from the original recorded thereon (layout and grades included). This "as-built" shall be found to be of acceptable quality by the Landscape Architect. Upon request, the City shall supply the Contractor with a PDF for his/her "as-built" drawing. "As-built" drawings shall also be required as stated in Section 36-4 of the Standard Specifications.

S. LICENSE REQUIREMENTS

For this publicly bid project a General Engineering Contractor "A". The "A" contractor is categorized as a general engineering contractor, and a C10-Electrical contractor as stated in the Business and Professions Code (B&P) Section 7056 of Article 4 Classifications on the California Contractors State License Board website.

T. PROTECTION OF EXISTING CONCRETE AND ASPHALT PAVEMENTS

Contractor shall repair and replace to City standards any existing asphalt or concrete pavements damaged during construction activities at no expense to the City. These pavement areas include street, curb and gutter, sidewalk and park

path. Contractor shall meet with the Park Construction Inspector prior to commencing work to document existing conditions of these paved areas.

U. PROJECT COORDINATION

Contractor shall complete all general coordination with the Project Manager, the Landscape Architect, the City Inspector, and other City staff as necessary to complete the Project in an efficient workmanlike manner. This coordination includes Submittals; Record Drawings; Maintenance of Traffic, Public Safety, and Convenience; Protection of Existing Improvements; Construction Facilities and Temporary Controls; Temporary Electricity; Project Closeout; and Operation and Maintenance Data for this Project

V. CORONAVIRUS (COVI-19) SAFETY REQUIREMENTS

- 1.01 Given the coronavirus (COVID-19) epidemic, each Bidder must understand that the means and methods of construction, and the ways of doing business, have been materially impacted and changed (at least for the foreseeable future). These impacts and changes relate to social distancing, ability to perform at the pace previously performed, personal interaction of workers, implementation of increased safety measures, and a myriad of other impacts to construction operations. Heightened measures to protect people from illness and the adoption and implementation of many new and more intensive practices will make the performance of construction work different and more challenging.
- 1.02 It is the intent of the City to alert all Bidders for all aspects of this Project, that they are to include in their Bids all known and reasonably estimated COVID-19 costs and impacts to the ability to obtain goods and materials required, as well as labor to perform the Work. Further, all costs for all of these and other aspects of the Project, including supervision, temporary facilities, incidentals, testing, QA/QC, etc. (this listing is intended to be illustrative and not comprehensive) shall be evaluated by each Bidder so its Bid submitted to the City includes all such potential costs in recognition of the foregoing and subsequent notices in this and other sections of the Contract Documents.
- 1.03 Each Bidder is to critically appraise and evaluate the reasonably anticipated costs and time impacts, if any, which may need to be accounted for in light of the COVID-19 pandemic and all governmental directives and requirements, and commercial impacts, arising therefrom. If awarded the contract, Bidders are encouraged to prepare a COVID-19 Exposure Prevention, Preparedness and Response Plan (a "COVID-19 Plan") before commencing Work. The COVID-19 Plan should describe how to prevent worker exposure to coronavirus; protective measures to be taken on the jobsite; personal protective equipment and work practice controls to be used; cleaning and disinfecting procedures; and procedures to follow if a worker shows symptoms of COVID-19 illness or tests positive for COVID-19. In addition to any governmental or other guidance available at the time of Bid submission, the Contractor should review OSHA COVID-19 Workplace Safety Guidance documentation, such as: <https://www.osha.gov/Publications/OSHA3990.pdf>, as a resource in

preparation of its COVID-19 Plan. Other reliable and current sources of COVID-19 information can be found from:

The California Department of Public Health (CDPH, State), including without limitation, guidance such as:

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/nCOV2019.aspx>

The federal Centers for Disease Control and Prevention (CDC, National), including without limitation, guidance such as:

<http://www.cdc.gov/coronavirus/novel-coronavirus-2019.html>

The Sacramento County Public Health Department, including without limitation, guidance found here: <https://www.saccounty.net/COVID-19/Pages/default.aspx>

The COVID-19 Plan should at a minimum address the following COVID-19 safety guidelines:

- a. COVID-19 Employee and Visitor training and check-list before entering worksite.
- b. Employee distancing and strategies to maximize distancing when possible.
- c. Limitations on gathering size.
- d. Personal Protective Equipment (PPE) requirements.
- e. Identification of “choke points” and “high risk areas” such as hallways, hoists and elevators, break areas and vehicles.
- f. Staggering trades and modification of work schedules to reduce worker density to maximize distancing opportunities.
- g. COVID-19 employee good personal hygiene measures.
- h. Disinfection and cleaning requirements.
- i. Personal prevention actions requirements for all employees.
- j. Toolbox and Tailgate COVID-19 employee training.
- k. Recognition of COVID-19 Symptoms.
- l. Procedures for COVID-19 exposure and notification to others who were at the Site.
- m. Daily screening protocols for arriving workers and visitors to ensure potentially infected workers and visitors do not enter the Site.
- n. Maintenance of daily attendance logs of all workers and visitors who enter the Site.

1.04 It is the responsibility of each Bidder to alert all potential subcontractors and suppliers of every tier and trade to also factor in the above-referenced COVID-19 cost and time impacts, if any, into their sub-bids to Bidders for all aspects of the Project.

1.05 By submitting a Bid for this Project, each Bidder represents to the City that it included in its Total Bid Price all cost impacts, whether affecting labor (including, but not limited to obtaining qualified workers, quantity of workers, as well as their

productivity); deliveries; supervision; testing; procurement of materials or equipment; and time caused by COVID-19 safety requirements and all public health and governmental directives in place at the time Bids are received by the City for this Project. Furthermore, each Bidder recognizes it will not be entitled to a change order granting a COVID-19 related time extension or for any COVID-19 related increased costs, or from any public health or governmental directives in place at the time Bids are received by the City for this Project.

W. CWTA Language for Specifications – Estimate Over \$1 Million

CWTA REQUIREMENTS

This project is subject to the requirements of the City's Local Hire and Community Workforce Training Program and the City's Community Workforce Training Agreement (CWTA). A copy of the CWTA and a summary of its requirements (CWTA Summary) is provided in Exhibit D to this solicitation. By submitting a bid, the Contractor acknowledges that it has read and understands all the requirements, terms, and conditions of the CWTA and CWTA Summary, and has included all costs associated with compliance with the CWTA in its bid.

The Contractor must execute Addendum A to the CWTA ("Agreement to be Bound") and provide an executed original to the City before the contract can be awarded. Each subcontractor for Work covered by the CWTA, including subcontractors not listed at the time of bid or otherwise hired after contract award, must also execute Addendum A to the CWTA. No subcontractor may perform Work prior to executing Addendum A and providing the executed original to the City.

The failure to sign and submit Addendum A by any subcontractor, shall be grounds for subcontractor substitution and/or for the City to withhold payment for the Work performed in the absence of the necessary Addendum A.

Contractor must include the provisions of this section, as well as a copy of the CWTA and the CWTA Summary, in every subcontract for Work covered by the CWTA.

By submitting a bid, Contractor represents that the Contractor and all its subcontractors performing Work covered by the CWTA will execute the Addendum A if awarded the contract.

The failure to submit an Addendum A or to otherwise comply with the requirements of the CWTA on this project may also result in a future determination that the Contractor and/or subcontractor is not responsible (pursuant to City Code section 3.60.020) when bidding on future projects for the City of Sacramento.

ITEMS OF THE BASE BID PROPOSAL

Item No. 1 - Temporary Construction Fence

This item shall consist of furnishing, installing, and maintaining a temporary 6' Chain Link Panel Construction Fence around the construction area shown on the Plans in conformance with Section 10 of the Standard Specifications.

- A. Demolition shall begin only after the temporary fence has been installed. Fence to remain in place throughout the duration of the project until project acceptance, or as directed by the Park Construction Inspector.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in Temporary Construction Fence to Install as shown on the plans, as specified in these Special Provisions, and directed by the Inspector.

Item No. 2 – Electrical System

This item shall consist of furnishing, installing and testing the electrical system, as shown on the plans in conformance with section 34 and 38 of the Standard Specifications and these Special Provisions.

- A. Electrical conduits it's the contractor's responsibility to locate the electrical conduits with a locator prior to the start of construction. If the City has a 'Record Drawing' plan a copy will be supplied to the contractor but City can't guarantee the accuracy of the 'Record Drawing'.
- B. Electrical Incidental Parts which are not shown on the plans or specified herein, and which are necessary to complete the park electrical shall be furnished and installed as through such parts were shown on the plans or specified herein.
- C. Electronic Marker System shall conform to Section 10-54 of the Standard Specifications, except as amended by the following: no marker locators will be required by the Contractor. Contractor shall supply only enough markers for use in new electrical system. The markers shall be placed within the pull box cover of buried lawn area pull boxes. The marker shall be 3M EMS 4" Extended Range 5' Ball Marker – Power 1402-XR.
- D. Branch Circuit, Wiring, Lighting Control Panel, and Lighting Breakers shall conform with the engineer's specifications and as shown on the plans.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved completing the Electrical System as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 3 – Lighting Structure System with Total Light Control

This item shall consist of furnishing, receiving, and storing lighting structure system equipment until it is installed, as shown on the plans in conformance with section 34 and 38 of the Standard Specifications and these Special Provisions.

- A. The Lighting Structure System with Total Light Control -TLC for LED technology shall be by Musco Sports Lighting or approved equal, and per the plans and details, and the specification as follows:

- B. The project is identified by Musco as Natomas Baseball Complex in Sacramento, CA. Project # 121604.

Light-Structure System™ with Total Light Control – TLC for LED™ technology

Guaranteed Lighting Performance

- Guaranteed light levels of 50 infield / 30 outfield footcandles
- BallTracker® technology – targeted light, optimizing visibility of the ball in play with no glare in the players typical line-of-sight

System Description

- 92 Factory aimed and assembled luminaries, including BallTracker® luminaires
- 18 Galvanized steel poles
- 18 Pre-cast concrete bases with integrated lightning grounding
- Pole length factory assembled wire harnesses
- Factory wired and tested remote electrical component enclosures
- UL listed assemblies
- Corrosion protection

Control Systems and Services

- Control-Link® control and monitoring system to provide remote on/off and dimming (high/medium/low) control and performance monitoring with 24/7 customer support

Operation and Warranty Services

- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 25 years

Responsibilities of Buyer

- Confirm pole or luminaire locations, supply voltage and phase required for lighting system prior to production
 - Provide electrical design and materials for electrical distribution system
 - Provide labor and equipment for installation of electrical distribution system
 - Provide labor and equipment for installation of bases and poles
 - Buyer is responsible for getting electrical power to the site, coordination with the utility, and power company fees
 - The unloading and storage of the material on site is the responsibility of the buyer
-

Delivery Timing

8 - 10 weeks for delivery of materials to the job site from the time of order, submittal approval, and confirmation of order details including voltage, phase, and pole/luminaire locations.

Notes

Quote is based on following conditions:

- Shipment of entire project together to one location.
- 480 Volt, 3 phase electrical system requirement
- Structural code and wind speed = 2022 CBC, 95 mi/h, Exposure C, Importance Factor 1.0.
- Due to the built-in custom light control per luminaire, pole or luminaire locations need to be confirmed prior to production. Changes to pole or luminaire locations after the product is sent to production could result in additional charges.
- Standard soil conditions – rock, bottomless, wet, or unsuitable soil may require additional engineering, special installation methods and additional cost.

Thank you for considering Musco for your lighting needs. Please contact me with any questions or if you need additional details.

Bob Crookham
CA Sales Representative
Musco Sports Lighting, LLC
Phone: 530-672-9500
E-mail: Bob.Crookham@musco.com

Musco Sports Lighting, LLC
Attn: Musco Contracts
Fax: 800-734-6402
Email: musco.contracts@musco.com

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved completing the Lighting Structure System with Total Light Control as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 4 – City Building Permit Inspection Coordination

This item shall consist of scheduling and coordinating all necessary City Building Permit inspections required for the project, including obtaining a final inspection and closing out the City Building permit for the work shown on the plans in conformance with these Special Provisions and City Building Permit.

- A. City Building Permit- The City Project Manager will apply for a City Building Permit for the project. All the engineered drawings, permit fees and Special Inspections will be paid for the project by the City.
- B. Contractor's Responsibility - The Contractor shall be responsible for the project Building Permit during the project, and return the approved permit to the Landscape Architect upon completion, and include the follows:
 1. Building Inspection Updates – Contractor shall provide the Landscape Architect and Construction Inspector with monthly updates on the progress of all building inspections and invite the Construction Inspector to attend Building Permit inspections.
 2. Construction and Demolition Debris Ordinance (projects over \$250,000) – Contractor shall keep a Waste Log of all materials hauled away from the project, including weight tickets of disposal and recycled materials. Waste Log shall be submitted at the end of the project, within 30 days after the permit has been finalized. Refer to the **C&D Debris Ordinance Overview** provided as an attachment to Special Provision for this project.

3. Building Permit Inspections – Contractor shall be responsible for scheduling all necessary Building inspections and shall not cover over work until the work has been inspected and approved.
 4. The contractor shall schedule all the required City Building Inspections by phone or online as indicated on the City Building Permit Envelope. The required inspection disciplines for this project are as follows:
 - a. Building
 - b. Electrical
 - c. Fire
 - d. Life Safety
 5. Contractor shall not cover or conceal any Building, Electrical, Plumbing or Mechanical work without City Building Inspector's signature on the Building Permit.
 6. If the Contractor fails to allow for the required building inspections and special inspections of the work, the Contractor shall be liable for the costs to remove and reconstruct work to allow for the required inspections and for issuance of the final building inspection approval.
- C. Special Inspections and Material Testing – The Contractor shall inform the Construction Inspector, who will schedule all required special inspections and material testing. Refer to the Schedule of Special Inspection in the Building Permit for the project.
1. Upon completion of the Special Inspections and testing work, the Special Inspection firm shall provide a final special inspection test report signed and stamped by the responsible professional engineer. This report will be needed for the Building Inspector at the final inspection, in order for final approval.
- D. Final Inspection/Closeout of Building Permit – Contractor shall be responsible for a final inspection/closing out of the building permit. The Contractor will need the following documents at the final building inspection for final approval and to close out of the City Building permit:
1. C&D Debris Waste Management Plan and Waste Log are attached.
- Submit the completed Waste Log with weight ticket/receipt showing sorted diversion rate within 30 days of project completion to C&D@cityofsacramento.org. **Note: To claim recycling diversion credit on mixed C&D loads according to CALGreen Code, weight tickets must be stamped "Sacramento County Certified C&D Sorting Facility".**
- Fines may be issued for failure to meet the 65% diversion rate, submitting a late Waste Log, or failure to submit a Waste Log. Additionally, failure to submit a Waste Log may delay the approval of a future Waste Management Plan.
- Waste Disposal and Waste Logs Debris removed from the site shall be disposed of legally. A minimum of 65% of waste material is required to go to one of Sacramento County Certified C&D sorting facilities. The facilities are Green Waste Florin Perkins Resource Recovery Facility, L and D Landfill & Material Recovery Facility, and Sierra Waste Recovery & Transfer Station, Inc. The weight tickets for the waste removal shall be saved and turned into the City prior to the final project acceptance. In addition, the weight tickets need to be stamped "Sacramento County Certified C&D Sorting Facility" as required in CAL Green Code. The waste tags must show that

65% diversion rate was achieved for the waste material removed. If the contractor does not meet the 65% diversion rate, C&D may impose fines. Any fines imposed for not meeting this requirement shall be at the sole expense of the contractor

2. Final Special Inspection Report signed and stamped by the responsible professional engineer. This report will be needed for the Building Inspector at the final inspection, for final approval.

Payment shall be made at the lump sum price as a Final Pay Item Only, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in City Building Permit Inspection Coordination as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

ADDITIVE ALTERNATE BID ITEMS

Item No. A1 - Temporary Construction Fence

This item shall consist of furnishing, installing, and maintaining a 6' high temporary construction Chain Link Fence around the construction area as shown on the Plans in conformance with Section 10 of the Standard Specifications.

- A. Demolition shall begin only after the temporary fence has been installed. Fence to remain in place throughout the duration of the project until project acceptance, or as directed by the Inspector. Fences with panel stands are preferred over in-ground mount.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in completing the Temporary Construction Fence as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. A2 - Site Clearing and Grubbing

This item shall consist of Site Clearing and Grubbing for the park development in conformance with Sections 12, 13, and 15 of the Standard Specifications and these Special Provisions.

- A. Clearing and Grubbing shall conform to Section 12 of the Standard Specifications. All weeds under two inches (2") in height may be disked under to a minimum depth of six inches (6"). All other weeds, shrubs, brush, vines, debris, and all other objection materials within the project site shall be removed and legally disposed of away from the project site at contractor's cost.
- B. Tree Removal – Existing trees shown on the plans for removal, shall be remove including grinding of the stump 2' below grade.
- C. Bark Mulch shall be cleared from the proposed bull pens and spread throughout the adjacent planter areas.
- D. Debris - All resulting debris shall become the property of the Contractor and dispose of outside the project limits at the Contractor's expense.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, material, tools, equipment, and incidentals and for doing all work involved in Site Clearing and Grubbing as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. A3 - Demolition

This item shall consist of Demolition and removal of items indicated on the plans in conformance with 13-3 Removing / Relocating of the Standard Specifications and these Special Provisions.

- A. 4' Chain Link Fence shall be removed as shown on the plans including chain link fabric, existing 4' posts are to remain.
- B. Debris Removal - All resulting debris shall become the property of the Contractor and be disposed of outside the project limits at the Contractor's expense.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in completing the Demolition as shown on the plans, as specified in these Special Provisions, and as directed by the Inspector.

Item No. 4A – Site Grading

This item shall consist of grading the playground subgrade to slope to the existing playground catch basin for positive drainage as shown on the plans in conformance with sections 14 and 15 of the Standard Specifications and these Special Provisions.

- A. Grading shall be approved by the Landscape Architect upon completion of grading operations and prior to beginning landscape planting.
- B. Relative Compaction for landscaped areas shall be 85%.
- C. Excess excavated fill shall be removed from the project site at the contractor's expense.

Payment shall be at the lump sum price bid, and shall include full compensation for furnishing all labor, material, tools, equipment, and incidentals and for doing all work involved in Site Grading as shown on the plans, as specified in these Special Provisions and directed by the Inspector.

Item No. A5 – 8' Chain Link Fence to Install

This item shall consist of furnishing and installing 8'-0" Chain Link Fence, include welding an extension onto the existing 4' chain link fencing post for 8' chain link fencing along the baseball field side of the new bullpens, as shown on the Plans in conformance with Sections 10-38 and 31, and Standard Drawing T-90 of the Standard Specifications and as amended by these Special Provisions.

- A. Fabric shall be as stated in Paragraph 10-38 and Section 31 of the Standard Specifications. Fabric to galvanized chain link fencing.
- B. Tie Wires and Tension Wires shall be 9-gauge galvanized steel wire, spaced 18 inches apart. Tie wires shall be given at least one complete turn.
- C. Top and Bottom Rail shall be used. Rails and Braces shall be 1.660" O.D. - G.S.P., or cold formed steel pipe, as stated in Paragraph C, and shall weigh 2.27 or 1.83 lbs. per linear foot, respectively.

- D. Terminal or Corner Post shall be 2.875" O.D. - G.S.P., or high tensile strength steel pipe manufactured from cold formed steel conforming to ASTM A569 and weighing 5.79 or 4.64 lbs. per linear foot, respectively.
- E. Line Post shall be 2.375" O.D. - G.S.P., or cold formed steel pipe, as stated in Paragraph C, and shall weigh 3.65 or 3.117 lbs. per linear foot, respectively. Existing 4' posts to be reused and extended to 6' high
- F. 3/8" Truss Rod and Turnbuckle shall be galvanized and installed as shown on Drawing T-90 of the Standard Specifications.
- G. Post Tops, Stretcher Bars and other required fittings and hardware shall be hot-dip galvanized and shall be of malleable iron, cast iron, or pressed steel.
- H. Concrete Footings shall be Class D Portland cement concrete conforming to Sections 10 of the Standard Specifications. Core boar existing 3-1/2" concrete flatwork to install new fence posts and refinish concrete at top footing to be flush with existing concrete flatwork.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in 8' Chain Link Fence to Install as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. A5 – 6' Chain Link Fence to Install

This item shall consist of furnishing and installing 6'-0" Chain Link Fence, around the three remaining sides of the new bullpens, as shown on the Plans in conformance with Sections 10-38 and 31, and Standard Drawing T-90 of the Standard Specifications and as amended by these Special Provisions.

- A. Fabric shall be as stated in Paragraph 10-38 and Section 31 of the Standard Specifications. Fabric to galvanized chain ling fencing.
- B. Tie Wires and Tension Wires shall be 9-gauge galvanized steel wire, spaced 18 inches apart. Tie wires shall be given at least one complete turn.
- C. Top and Bottom Rail shall be used. Rails and Braces shall be 1.660" O.D. - G.S.P., or cold formed steel pipe, as stated in Paragraph C, and shall weigh 2.27 or 1.83 lbs. per linear foot, respectively.
- D. Terminal or Corner Post shall be 2.875" O.D. - G.S.P., or high tensile strength steel pipe manufactured from cold formed steel conforming to ASTM A569 and weighing 5.79 or 4.64 lbs. per linear foot, respectively.

- E. Line Post shall be 2.375" O.D. - G.S.P., or cold formed steel pipe, as stated in Paragraph C, and shall weigh 3.65 or 3.117 lbs. per linear foot, respectively. Existing 4' posts to be reused and extended to 6' high
- F. 3/8" Truss Rod and Turnbuckle shall be galvanized and installed as shown on Drawing T-90 of the Standard Specifications.
- G. Post Tops, Stretcher Bars and other required fittings and hardware shall be hot-dip galvanized and shall be of malleable iron, cast iron, or pressed steel.
- H. Concrete Footings shall be Class D Portland cement concrete conforming to Sections 10 of the Standard Specifications. Core boar existing 3-1/2" concrete flatwork to install new fence posts and refinish concrete at top footing to be flush with existing concrete flatwork.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in 6' Chain Link Fence to Install as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. A7 – Concrete Flatwork to Construct

This item shall consist of furnishing and constructing Concrete Flatwork over aggregate base underneath as shown on the Plans in conformance with Sections 10, 17, 19, 24, and 38 of the Standard Specifications and as amended by these Special Provisions.

- A. Aggregate Base shall be Class II, per Section 26 of the State Standard Specifications.
- B. Compaction shall be per the Geotechnical report.
- C. Recycled Aggregate Base will be allowed and must conform to the requirements of Section 26 of the State Specifications and tested prior to arrival at the site to verify that it meets the requirements of Class II Aggregate base.
- D. Portland Cement Concrete shall be Type II, Class "C", conforming to Section 10-5 of the Standard Specifications.
- E. Reinforcement shall be intermediate grade and deformed in conformance with "deformed billet-steel bars for concrete reinforcement" (ASTM Designation A615) and with Section 21 of the Standard Specifications. Rebar shall be as shown on the plans.
- F. Expansion & Score Joints shall conform to Section 24 of the Standard Specifications except the following. Expansion joints shall be three eighth inch (3/8") asphaltic felt installed in conformance with Section 24 of the Standard Specifications. Expansion joints and score joints shall be located where indicated on the plans and edged to a three-eighths inch (3/8") radius. Score joints shall be one inch (1") deep.
- G. Finish shall conform to the following. All exposed surfaces shall be finished to true lines and grades as shown on the plans. The surface shall be floated to a smooth but not

slippery finish. Sidewalk surface shall be edged to a 3/8" radius and broomed perpendicular to the sidewalk edge with a medium finish. Do not dampen brooms. Protect adjacent finished surfaces from splatters. - Do not add water to concrete at job site, fog or spray surface with water, or put onto tools or brooms.

- H. Test Panel shall be poured prior to placement of concrete flatwork. The contractor shall construct a test panel of 3' X 3' X 3-1/2" thick minimum dimensions. The Contractor shall notify the Landscape Architect and Inspector forty-eight (48) hours prior to test pour. If the test is found to be unsatisfactory by the City, additional test panels shall be constructed and finished until the correct finish is achieved. Workmen and equipment used in the construction of the test panel shall be the same as those used throughout the installation of concrete.

Payment shall be made at the lump sum bid price and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in constructing the 5" Concrete Flatwork to Construct as shown on the plans, as specified in these Special Provisions and directed by the Inspector.

Item No. A8 – 12" Concrete Mowstrip to Construct

This item shall consist of constructing 9" Concrete Mow Strip as shown on the plans in conformance with Section 10, 19 and 24 of the Standard Specifications and these Special Provisions.

- A. Portland Cement Concrete shall be Type II, Class "C", conforming to Section 10-5 of the Standard Specifications.
- B. Reinforcement shall be intermediate grade and deformed in conformance with "deformed billet-steel bars for concrete reinforcement" (ASTM Designation A615) and with Section 21 of the Standard Specifications. Rebar shall be as shown on the plans.
- C. Subgrade shall conform to Section 19 of the Standard Specifications, with the following exception: relative compaction shall be 85%.
- D. Finish shall be broomed parallel to the mow strip edge with a medium broom finish. All exposed surfaces shall be finished to true lines and grades as shown on the plans.
- E. Expansion Joints and Score lines shall conform to Section 24-6 of the Standard Specifications with the exception of the following. Expansion joints shall be placed at 20' O.C., and score lines at 10' O.C.
- F. This item shall include installing 9" concrete mowstrip in place of the sports court curb on the south and north sides of the proposed Basketball Court, if Additive Alternate A2 is not awarded.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing 9" Concrete Mow Strip to Construct as shown on the plans, as specified in these Special Provisions and directed by the Inspector.

Item No. A9 – Item No. 11 – Stabilized Decomposed Granite Pavement

This item shall consist of furnishing and placing 2" of Stabilized Decomposed Granite Pavement over 2" aggregate base, on top of landscape fabric as shown on the plans and the detail thereon, in conformance with these Special Provisions.

- A. Aggregate Base shall be Class II, per Section 26 of the State Standard Specifications.
- B. Recycled Aggregate Base will be allowed and must conform to the requirements of Section 26 of the State Specifications and tested prior to arrival at the site to verify that it meets the requirements of Class II Aggregate base.
- C. Decomposed Granite: hereafter referred to as "DG", shall be Gold Track Fines as available from Granite Construction Co., Felton Quarry, Felton, CA 95018, (831) 335-3445, or "Butte" crushed rock fines, distributed by CL Smith, Woodland, CA (9530) 662-2633, or approved equal.
- D. Submittal: Prior to placement of decomposed granite, the Contractor shall submit a product sample and material summary sheet to the Project Landscape Architect a representative sample of decomposed granite for use on this project for approval. No decomposed granite shall be placed prior to receiving the Project Landscape Architect's approval.
- E. Weed Control shall conform to Section 35-6 of the Standard Specifications.
- F. Cement: For stabilized Decomposed Granite, Portland cement shall be DTSS Type II Modified added to the DG at the ratio of 12-15 lbs. per ton of decomposed aggregate.
- G. Mixes: The quantity of water added to the mixture shall be adjusted to the absolute minimum required to permit uniform mixing. The materials shall be mixed in a drum-type mixer on the job or at a central mixing plant. The Contractor shall provide the Engineer with sufficient notice of his intent to begin mixing so that the Engineer can provide inspection of the batching and mixing operation.
- H. Landscape Weed Fabric shall be DeWitt Weed Barrier Landscape Fabric, 3.5-ounce, 12-year, Color Brown, UV treated, spunbonded fabric or approved equal. Contact DeWitt Company 1-800-888-9669, or dewittcompany.com.
- I. Metal Anchor Pins shall be by Dewitt or approved equal. Contact DeWitt Company 1-800-888-9669, or dewittcompany.com.
- J. Test Sample: Provide a 10' by specified width as a test sample for both stabilized and non-stabilized concrete, to be approved prior to installation. The Contractor shall notify the Landscape Architect and Inspector forty-eight (48) hours prior to test sample. If the test is found to be unsatisfactory by the City, additional test samples shall be constructed and finished until the correct finish is achieved. Workmen and equipment used in the construction of the test sample shall be the same as those used throughout the installation of stabilized decomposed granite paving.
- K. Installation: Evenly spread prepared crushed granite fines/binder material according to plans in two-inch (2") lifts on prepared sub-grade. Grade and smooth decomposed granite material, thoroughly water entire area to a uniformly moisture. Roll each lift with a 2000 to 4000 lbs. static drum roller to form a uniform, smooth surface. Compact each lift to 95%. Do not use vibratory plate compactor or vibration function on roller as vibration separates large aggregate particles.

Upon completion of the final lift, fill any depressions, holes or divots and reroll using the above process.

Allow sufficient curing period of +/- 48 hours prior to use. Take all precautions to protect the completed work from traffic until it is completely dry. Rake off any crusted cement on top of surface and repair or replace all damaged areas due to tire ruts, erosions, compaction failure, etc. until the project is accepted.

- L. Finish: The finished surface of the paving shall be firm, stable and smooth and even, with a consistent grade, with no high or low points. The paving shall be flush with adjacent concrete containment edge.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Stabilized Decomposed Granite Pavement as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. A10 – Irrigation Modifications

This item shall consist of furnishing and installing an Automatic Irrigation System as shown on the drawings in conformance with the applicable paragraphs of Sections 10 and 36 of the Standard Specifications and these Special Provisions.

- A. Preconstruction Test of Existing Irrigation System—City and Contractor shall perform a preconstruction irrigation test prior to the start of construction. During the test all existing remote-control valves shall be turned on with the irrigation controller (manually operation is not permitted). The following irrigation items shall be marked with flags and marking paint: valves, quick couplers, working heads marked blue and broken head marker yellow. All existing broken heads shall be repaired by the City unless specified as an item on the project plans or specifications. Any irrigation damaged during construction shall be repaired by the contractor as soon as possible and shall be at the contractor expense.
- B. Existing Mainline and electrical conduits it's the contractor's responsibility to locate the irrigation mainline and electrical conduits with a locator prior to the start of construction. If the City has a 'Record Drawing' plan a copy will be supplied to the contractor but City can't guarantee the accuracy of the 'Record Drawing'.
- C. Electric Control Valve shall conform to Section 36-13 of the Standard Specifications. Electric control valves shall be Buckner /Superior brass model 950, or approved equal, and shall be constructed as specified in Section 10-50 of the Standard Specifications. Lawn and shrub area valves shall be installed at grade.
- D. Valve Box shall be plastic boxes installed in conformance with Section 10-52 of the Standard Specifications and as shown on the plans.
- E. Electrical shall conform to Section 34 of the Standard Specifications.
- F. Irrigation Control Wires shall conform to Sections 10-48 and 36-12 of the Standard Specifications. Trench for irrigation control wires through existing lawn shall be twenty-four inches (24") deep. Trenching for irrigation control wires through existing paved areas shall conform to Section 34-9 of the Standard Specifications.
- a) Irrigation Control Wires shall be color coded to the use listed below and follow the colors associated with them.
- (a) Full Rotor - Red Wire
 - (b) Part Rotor - Green Wire
 - (c) Spray Heads - Yellow Wire
 - (d) Bubblers - Blue Wire

(e) Common Wire - White Wire

- G. Quick Coupling Valves shall be by Hunter Model HQ-5RC or approved equal as specified in the plans or approved equal. Quick coupling valve shall be constructed of brass with a locking yellow thermoplastic rubber cover with "DO NOT DRINK" markings. Quick Coupling valve shall be installed as shown on the plans in conformance with Section 10-53 of the Standard Specifications (the following shall be disregarded in the Standard Specifications "...single slot type with one inch (1") threaded pipe connection and one (1") key connection..." Valve box shall be installed with the top at finished grade.
- H. Plastic Irrigation Pipe Fittings shall conform to Section 10-46 of the Standard Specifications with the following addition. Schedule 80 fittings on all connections, unions and nipples within the valve. All other connections on lateral line are Sch 40.
- I. Lateral Line Pipe or pipe on the discharge side of the irrigation control valve shall be Class 200 solvent weld PVC pipe and shall conform to Section 10-44 of the Standard Specifications, except as previously amended.
- J. PVC Primers and Solvent welded - PVC pipes will require the following primer and solvent glue applications. Primer shall consist of Weld-On P-70 Industrial Grade Primer and the PVC Solvent Cement shall be Weld-On 711 Heavy Bodied Cement or approved equal. The primer and solvent cement shall be installed per manufacture's specifications.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in completing the Automatic Irrigation System as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

Item No. A11 – Baseball Rubber and Homeplates to Install

This item shall consist of furnishing and installing Pitcher's Rubber, and Home Plate as shown on the plans in conformance with these Special Provisions and the manufacturer's specifications.

- A. Pitcher's Rubber, Home Plate: shall be per Plans, or approved equal, and installed per the manufacturer's instructions.
- B. Anchor Bolts shall be installed as specified by the manufacturer and shall be provided by the Contractor.
- C. **ALL Bolts** shall be installed as specified by the manufacturer and shall be provided by the Contractor. All exposed bolts shall be cut to 3 exposed threads and all anchor bolts/ nuts shall be tack welded and all remaining exposed bolts/ nuts shall be tightened and secured with Loctite Adhesive, red 271 for permanent installation.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in completing Baseball Bases to Install as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Attachment A Geotechnical Report



**Geotechnical Engineering Report Update
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
New Market Drive
Sacramento, California**

Prepared for:

City of Sacramento
915 I Street, 3rd Floor
Sacramento, California 95814

Prepared by:

Universal Engineering Sciences
3050 Industrial Boulevard
West Sacramento, California 95691

Date: November 21, 2024
Project No. 4630.2400080.0000

1.0 INTRODUCTION

As requested, this letter presents updated seismic design criteria based on the 2022 *California Building Code* (CBC), the American Society of Civil Engineers (ASCE) Standard 7-16 for North Natomas Regional Park Development project in Sacramento, California. Our firm prepared the *Geotechnical Engineering Report Update* (WKA No. 8890.12P, dated October 30, 2014) for the development that presented seismic design parameters based on the 2013 CBC and ASCE 7-10.

1.1 Proposed Development

Based on our review of the report and report update, we understand that the proposed construction included the construction of new sports fields, shade areas, light structures, an amphitheater, and restrooms. At the time of our previous update, work was to begin on a farmers' market as well as two ball fields and additional parking areas. Per our correspondence, the current phase appears to be the construction of sports field lighting.

2.0 CONCLUSIONS AND RECOMMENDATIONS

Based on review of the original report, update report, understanding of the proposed construction, and a site reconnaissance conducted to observe the current conditions, we conclude that the recommendations contained in the 2021 *Geotechnical Engineering Report Update* generally remains applicable for design and construction of the planned improvements, with the following amended conclusions and recommendations. A copy of the report update are provided in Appendix A.

2.1 2022 CBC/ASCE 7-16 Seismic Design Criteria

The 2022 edition of the CBC references the ASCE Standard 7-16 for seismic design. The seismic design parameters provided in Table 1 were developed based on a Site Classification D, and the latitude and longitude for the site using the web interface developed by the *Structural Engineers Association of California* (SEAOC) and *California's Office of Statewide Health and Development* (OSHDP), now known as the California Department of Health Care Access and Information (HCAI).

Table 1: 2022 CBC/ASCE 7-16 Seismic Design Parameters

Parameter	Value
Referenced Location Latitude ^a (degrees)	38.66035
Referenced Location Longitude ^a (degrees)	-121.51550
Site Class ^b	D
Seismic Design Category based on Risk Category I, II, III, and IV ^c	D
Mapped Spectral Response Acceleration Parameter for Short Period (0.2 Second), S_s (g)	0.564
Mapped Spectral Response Acceleration Parameter for 1.0 Second Period, S_1 (g)	0.253
Adjusted Spectral Response Acceleration Parameter for Short Period (0.2 Second), S_{MS} (g)	0.761
Adjusted Spectral Response Acceleration Parameter for 1.0 Second Period, S_{M1} (g)	0.795 ^d
Design Spectral Response Acceleration Parameter for Short Period (0.2 Second), S_{DS} (g)	0.507
Design Spectral Response Acceleration Parameter for 1.0 Second Period, S_{D1} (g)	0.530
Mapped Peak Ground Acceleration, PGA_M (g)	0.323

^a Referenced locations per the World Geodetic System (WGS) of 1984.

^b Site Class D: Stiff Soil (per Section 1613.2.2 of the 2022 CBC).

^c Seismic Design Category per Section 1613.2.5 of the 2022 CBC.

^d Per Exception 1 of Section 11.4.8 of Supplement 3 of ASCE 7-16, the value of S_{M1} has been increased by 50% in lieu of site-specific ground motion hazard analysis.

3.0 LIMITATIONS

This letter is considered an addendum to our *Geotechnical Engineering Report* and is therefore subject to the limitations contained therein.

If you have questions regarding this update or need additional information, please contact our office at (916) 372-1434.

Respectfully,

UES



Kimberly Estipona
Staff Engineer




Mohsen Rahimian, PE, GE
Senior Geotechnical Engineer

APPENDIX A – *Geotechnical Engineering Report Update* (WKA No. 8890.12P, dated October 30, 2014)

APPENDIX A

Geotechnical Engineering Report Update (WKA No. 8890.12P, dated October 30, 2014)

October 30, 2014

Mr. Dennis Day
Landscape Architect
Park Planning and Development – Landscape Architecture Section
Department of Parks and Recreation
City of Sacramento
915 I Street, Fifth Floor
Sacramento, California 95814

Geotechnical Engineering Report Update
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
New Market Drive
Sacramento, California
WKA No. 8890.12P

As requested, we are providing this geotechnical engineering report update to the *Geotechnical Engineering Report* (Wallace-Kuhl & Associates [WKA] No. 8890.12P; dated September 13, 2011) for the North Natomas Regional Park Development and associated improvements Development northeasterly of the intersection of New Market Drive and Via Ingoglia Street in Sacramento, California.

The purpose of this update has been to evaluate the applicability of the previous report to the proposed project, as well as to update the report to reflect changes in the applicable building code and in the practice of geotechnical engineering since the original report was issued.

Project Description

Since preparation of the referenced *Geotechnical Engineering Report*, three of the five planned ball fields, play area, shade structures, concessions/restroom building, and parking area have been constructed at the site. We understand the next phase of work will include design and construction of the farmer's market, the two remaining ball fields and additional parking areas.

The proposed areas to be developed were previously evaluated in the referenced *Geotechnical Engineering Report*. Therefore, subsurface exploration or laboratory testing is not considered necessary to update our report.

CONCLUSIONS AND RECOMMENDATIONS

Based on our review of our previous report and understanding of this phase of the project, we conclude that the geotechnical engineering conclusions and recommendations contained in the referenced report remain generally applicable for design and construction of the planned improvements. However, we offer the following supplemental conclusions to meet the requirements of the 2013 California Building Code (CBC).

2013 CBC Seismic Code Design

We understand the design of the proposed improvements will be performed using the 2013 edition of the CBC. Based on the 2013 CBC and Chapter 11 of the American Society of Civil Engineers (ASCE) 7-10, *Seismic Design Criteria*, the site parameters were determined based on the site latitude and longitude and the public domain computer program developed by the United States Geological Survey (USGS). Table 1 as follows summarizes the 2013 CBC seismic design parameters for the proposed improvements.

Table 1 - 2013 CBC/ASCE 7-10 Seismic Design Parameters

Latitude: 38.6619° N Longitude: 121.5178° W	ASCE 7-10 Table/Figure	2013 CBC Table/Figure	Factor/ Coefficient	Value
Short-Period MCE at 0.2s	Figure 22-1	Figure 1613.3.1(1)	S_s	0.663 g
1.0s Period MCE	Figure 22-2	Figure 1613.3.1(2)	S_1	0.291 g
Soil Class	Table 20.3-1	Section 1613.3.2	Site Class	D
Site Coefficient	Table 11.4-1	Table 1613.3.3(1)	F_a	1.270 g
Site Coefficient	Table 11.4-2	Table 1613.3.3(2)	F_v	1.818 g
Adjusted MCE Spectral Response Parameters	Equation 11.4-1	Equation 16-37	S_{MS}	0.841 g
	Equation 11.4-2	Equation 16-38	S_{M1}	0.529 g
Design Spectral Acceleration Parameters	Equation 11.4-3	Equation 16-39	S_{DS}	0.561 g
	Equation 11.4-4	Equation 16-40	S_{D1}	0.353 g
Seismic Design Category	Table 11.6-1	Section 1613.3.5(1)	Occupancy I to IV	D
	Table 11.6-2	Section 1613.3.5(2)	Occupancy I to IV	D

MCE = Maximum Considered Earthquake



Liquefaction Potential

Liquefaction potential was discussed in the referenced *Geotechnical Engineering Report* and the potential for liquefaction of the soils beneath the site was determined to be very low.

Limitations

This letter is considered to be an update to the referenced *Geotechnical Engineering Report* for the site, and therefore the conclusions and recommendations contained herein are subject to the limitations stated in that report.

If you have any questions regarding this update, please contact us.

Wallace ■ Kuhl & Associates

Matthew S. Moyneur

Matthew S. Moyneur
Senior Engineer



Geotechnical Engineering Report
NORTH NATOMAS
REGIONAL PARK DEVELOPMENT
WKA No. 8890.12P
September 13, 2011

Prepared For:
City of Sacramento
Parks and Recreation Department
915 I Street, 5th Floor
Sacramento, California 95814

Geotechnical Engineering Report
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California

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Geotechnical Engineering Report
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
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*Geotechnical Engineering Report***NORTH NATOMAS REGIONAL PARK DEVELOPMENT**

New Market Drive

Sacramento, California

WKA No. 8890.12P

September 13, 2011

INTRODUCTION

Wallace-Kuhl & Associates has performed a geotechnical engineering investigation for the proposed improvements to the North Natomas Regional Park Development northeasterly of the intersection of New Market Drive and Via Ingoglia Street in Sacramento, California. The purposes of this investigation has been to explore the existing site, soil and groundwater conditions at the site, and to provide geotechnical engineering conclusions and recommendations for the design and construction of the proposed improvements. This report presents the results of our work.

Work Scope

Our scope of work included the following:

1. site reconnaissance;
2. review of historic aerial photographs, topographic maps and groundwater maps of the area;
3. subsurface exploration, including the drilling and sampling of 10 test borings to maximum depths of approximately 16½ to 50 feet below the existing ground surface;
4. bulk sampling of near-surface and subsurface soils;
5. laboratory testing of selected soil samples;
6. engineering analyses; and,
7. preparation of this report.

Figures and Attachments

A Vicinity Map showing the location of the site is included as Figure 1. A Site Plan showing the approximate locations of the borings and various site details is included as Figure 2. The Logs of Soil Borings D1 through D10 are presented as Figures 3 through 12, respectively. An explanation of the symbols and classification system used on the logs appears on Figure 13.

Appendix A contains general information regarding the field investigation, descriptions of the field exploration and laboratory testing programs, and the results of laboratory tests that do not appear on the boring logs. Appendix B contains *Guide Earthwork Specifications* and Appendix C contains *Guide Drilled Cast-in-Place Concrete Pier Specifications*; both of which may be used in the preparation of project plans and specifications.

Proposed Development

We understand the project will consist of the design and construction of a new baseball/softball complex integrated with elements of a community park and a farmer's market. Specifically, we understand the project will consist of five new baseball/softball fields, a play area, an amphitheater, shade structures, a restroom/concession building, and a farmer's market area. Associated development will include: field lighting, walkway lighting, underground utilities, exterior concrete flatwork, a parking and drive area, and landscaping.

Additional information regarding the proposed development was not available at the time this report was prepared. However, we anticipate consideration will be given to constructing the new baseball/softball fields with synthetic turf. Therefore, we are providing conclusions and recommendations for synthetic turf construction.

A grading plan was not available when this report was prepared. However, based on existing site topography and our understanding of the proposed construction, we anticipate cuts and fills of about two to three feet will be required to establish final subgrade levels across most of the site.

FINDINGS

Site Description

The project site is located northeasterly of the intersection of New Market Drive and Via Ingolgia Street within existing vacant property in Sacramento, California. At the time of our field exploration the site was covered in relatively low-lying brush and grasses. The west and south ends of the property had been recently disced. Just beyond the areas that had been disced at the west and south ends of the site, we observed landscaped areas with relatively small to moderate



trees. At the southwest corner of the site, we observed a soil mound about five feet high and a drainage ditch about five feet lower than the surrounding subgrade.

In general, most of the site appears to be relatively flat. Review of the United States Geological Survey (USGS) 7.5 Minute Series Topographic Map-Sacramento (dated July 1, 1995) indicates the ground surface elevation at the project site is approximately +20 feet relative to mean sea level (msl) based on the National Vertical Geodetic Datum (NVGD 1929).

Our review of historical photographs indicates the site has been vacant since at least 1957 and was previously used as farm fields.

Subsurface Soil Conditions

On August 10 and 11, 2011, a total of 10 test borings were advanced within areas of the proposed improvements to maximum depths of approximately 16½ to 50 feet below existing grades. Approximate subsurface exploration locations are illustrated on Figure 2.

In general, the borings indicate the subsurface soils at the site consist of high plasticity clays overlying interbedded layers of clays, silts, and sands with varying clay, silt, and sand contents extending to the explored depths of the borings. At various depths within the borings, variably cemented soils were encountered within the native soils.

For soil conditions at a specific location, please refer to the boring logs contained on Figures 9 through 12.

Groundwater

Groundwater was encountered about 15 to 22 feet below the existing ground surface on August 10 and 11, 2011 at the boring locations.

The current Sacramento County Spring 2007 ground water map (published March 2009) indicates that ground water beneath the subject property is located at an elevation of about 0 feet msl (vertical datum not cited), or about 20 feet below existing site grades.



CONCLUSIONS

Seismic Code Design

We understand the design of the proposed park structures will be performed using the 2010 edition of the California Building Code (CBC). Based on the 2010 CBC and Chapter 11 of the American Society of Civil Engineers (ASCE) 7-05, *Seismic Design Criteria*, the site parameters may be determined based on the site latitude and longitude using the public domain computer

program developed by the USGS. The following parameters may be used for seismic design of the improvements using the 2010 CBC.

ASCE 7-05 Section 11 / 2010 CBC Chapter 16 Seismic Design Parameters

Latitude: 38.6619° N Longitude: 121.5178° W	ASCE 7-05 Table/Equation	2010 CBC Table/Equation	Factor/ Coefficient	Value
Short-Period MCE at 0.2s	N/A ¹	N/A ¹	S _S	0.573 g
1.0s Period MCE	N/A ¹	N/A ¹	S ₁	0.241 g
Site Class	Table 20.3-1	Table 1613.5.2	--	D
Site Coefficient	Table 11.4-1	Table 1613.5.3(1)	F _a	1.341
Site Coefficient	Table 11.4-2	Table 1613.5.3(2)	F _v	1.918
Adjusted MCE Spectral Response Parameters	Equation 11.4-1	Equation 16-36	S _{MS}	0.769 g
	Equation 11.4-2	Equation 16-37	S _{M1}	0.462 g
Design Spectral Acceleration Parameters	Equation 11.4-3	Equation 16-38	S _{DS}	0.513 g
	Equation 11.4-4	Equation 16-39	S _{D1}	0.308 g
Seismic Design Category	Table 11.6-1	Table 1613.5.6(1)	Occupancy I to IV	D
	Table 11.6-2	Table 1613.5.6(2)	Occupancy I to IV	D

¹: USGS Seismic Hazard Calculator version 5.1.0

The results of our subsurface soil exploration at the site indicates the underlying soils generally consist of interbedded clays, silts, and sands extending to the maximum explored depths of up to 50 feet below the existing ground surface. Based upon the relatively low risk of seismic activity, the presence of interbedded cohesive soils, and the lack of historic occurrence of liquefaction, it is our opinion that loose cohesionless soils likely do not exist in significant thickness beneath the



water table at the site, and the potential for liquefaction of the soils beneath the site is considered to be very low.

Soil Expansion Potential

The Expansion Index test performed on a soil sample obtained within the upper three feet of soil at boring D1, and our experience in the area, indicates the near-surface soils encountered at the boring locations possess a high expansion potential. Expansion test results are attached as Figure A3.

The clayey subgrade soils are expected to experience significant volume changes with increasing or decreasing soil moisture contents, and are considered capable of exerting expansion pressures upon pavements, synthetic turf fields, and concrete slabs-on-grade, including sidewalks. Therefore, at least 12 inches of imported non-expansive soils will be required beneath interior floor slabs, exterior flatwork, and synthetic turf fields and/or chemical amendment of soils (i.e., lime-treatment) could be considered as an alternative to use of non-expansive fill.

Additional recommendations regarding subgrade preparation to resist soil expansion pressures for at-grade concrete slabs are provided in the Subgrade Preparation and Lime Treated Subgrade–Alternative section of this report.

Bearing Capacity

Based upon our field and laboratory testing, it is our opinion the undisturbed native soils are capable of supporting the single-story restroom/concession building, light poles, play structures, and associated improvements. Our work also indicates engineered fills composed of native soils or approved imported soils constructed in accordance with our recommendations also will be capable of supporting foundations and slab-on-grade concrete for the planned structures. However, untreated clayey soils are not considered suitable for direct support of interior or exterior slab-on-grade concrete or synthetic turf fields.

Excavation Conditions

During construction, the contractor(s) must provide safely sloped excavations or adequately constructed and braced shoring system(s) in accordance with federal, state, and local safety



regulations to protect individuals working in an excavation that may expose them to the danger of moving ground and to support existing improvements as necessary.

Based on the information obtained at the boring locations and experience in the area, we anticipate the soils at the site will be readily excavatable with conventional earthmoving and trenching equipment. The near-surface and subsurface variably cemented silts can prove slow to excavate with a standard, rubber-tired backhoe; however, experience has shown that excavators can remove these materials with moderate effort.

Excavations less than five feet deep likely will stand at a near-vertical inclination for short periods of time. However, on-site soils may be susceptible to sloughing and caving if zones or pockets of cohesionless soils are encountered, if cohesionless soils are allowed to dry, or if construction is performed during the rainy season. Excavations encountering groundwater may slough or cave if left open for an extended period of time. Excavations entered by workers must conform to current Occupational Safety and Hazard Association (OSHA) requirements (i.e., sloped excavations or braced shoring). If material is stored or heavy equipment is operated near an excavation, stronger shoring must be used to resist the extra pressure due to the superimposed loads.

Pavement and Synthetic Turf Field Subgrade Quality

Based upon our laboratory testing of the anticipated subgrade soils (see Figure A4) and our experience in the area, the native clays are indicated to be poor subgrade quality materials (Resistance value of five) for support of asphalt concrete pavements. However, our experience indicates that treatment of the clay soils with high calcium or dolomitic quicklime can be used to improve the pavement subgrade support quality of the soil, reduce the expansion characteristics of the clays, and reduce the moisture content of soils that are too wet to compact.

Lime-Treatment of Soil

Lime-treatment of soil can be a very effective and economical method to increase the subgrade quality of clayey subgrades to support pavements and slabs-on-grade; to reduce the moisture content of near-saturated soils, enabling construction to proceed during or shortly after the rainy season; and, to reduce the expansive characteristics of clayey subgrades. Proper lime-treatment of the near-surface soils in the artificial turf field area would substantially reduce the risk of post-construction differential movement of the field subgrade soils.



Based on the soil expansion potential and the relatively poor subgrade quality of the on-site clays, we anticipate lime-treatment of the clay soils can significantly improve the support quality of the clays and reduce the required thickness of the base materials. Specifically, based upon laboratory testing and our experience with similar soil types, it is our opinion that pavements and slabs-on-grade supported on native clay soils treated with at least four percent (by dry weight of soil) lime can be improved to an R-value greater than 50.

The performance of lime-stabilized soils is critically dependent on uniform mixing of the lime into the subgrade and providing for a proper curing period following amendment with the lime.

An experienced lime-stabilization contractor coupled with a comprehensive quality control program are generally required to achieve the best possible stabilized subgrade.

The major disadvantage of lime-treated subgrades supporting pavements results from shrinkage of the treated material, similar to shrinkage of structural concrete, and reflective cracking through the asphalt concrete surface. Proper curing techniques, as outlined in the attached *Guide Earthwork Specifications*, can minimize this effect.

Groundwater

Based on the groundwater information in the area and our subsurface investigation, a permanent groundwater table should not be a significant factor in development of this site, provided excavations extend less than about 15 feet below the existing ground surface. However, saturation of surface soils should be expected from rainfall, surface run-off, or irrigation.

In general, standard sump pit and pumping procedures should be adequate to control localized seepage into required excavations less than about 15 feet below the existing ground surface.

If groundwater is encountered within deeper excavations (e.g., during drilled pier installation), temporary steel casing may be necessary to reduce sloughing and/or infiltration of groundwater into deeper excavations. Additionally, wet excavation methods (e.g., drilling with slurry) may be required to construct drilled piers below the groundwater levels at the time of construction.

Groundwater levels should be expected to fluctuate throughout the year based on variations in precipitation, temperature, evaporation, run-off, and other factors. The groundwater levels discussed herein, and indicated on the boring logs, represent the conditions at the time the



measurements were obtained. The actual groundwater levels at the time of construction may vary.

Seasonal Water

Infiltrating surface run-off water from seasonal moisture during the winter and spring months will create saturated surface soil conditions. It is probable that grading operations attempted following the onset of winter rains and prior to prolonged drying periods will be hampered by high soil moisture contents. Such soils, intended for use as engineered fill, will require a prolonged period of dry weather and aeration or chemical treatment to reach a moisture content suitable for proper compaction.

Preliminary Soil Corrosion Potential

Two samples of near-surface soil were submitted to Sunland Analytical Lab for testing to determine pH, chloride and sulfate concentrations, and resistivity to help evaluate the potential for corrosive attack upon buried structures. Results of the soil corrosivity tests are summarized below; copies of the test results are attached as Figures A5 and A6.

Sample Location	Depth (feet)	Soil Type	pH	Chloride Content (ppm)	Sulfate Content (ppm)	Resistivity (ohm-cm)
D1-2II	5½ to 6	CH	7.83	83.4	168.6	670
D5-1II	5½ to 6	CH	7.99	16.8	61.4	1470

The California Department of Transportation Corrosion Technology Section, Office of Materials and Foundations, Corrosion Guidelines Version 1.0, September 2003, considers a site to be corrosive to foundation elements if one or more of the following conditions exists for the representative soil and/or water samples taken: has a chloride concentration greater than or equal to 500 ppm, sulfate concentration greater than or equal to 2000 ppm, or the pH is 5.5 or less. Based on this criterion, the on-site soils are not considered corrosive for the sample tested. Table 4.3.1 of the 2005 American Concrete Institute (ACI), Requirements for Concrete Exposed to Sulfate-Containing Solutions, indicates the severity of sulfate exposure for the sample tested is Negligible.



Wallace-Kuhl & Associates are not corrosion engineers. Therefore, if it is desired to further define the soil corrosion potential at the site, a corrosion engineer should be consulted.

RECOMMENDATIONS

The recommendations presented below are appropriate for typical construction in the late spring through fall months. The on-site soils likely will be saturated by rainfall in the winter and early spring months, and will not be compactable without drying by aeration or the addition of lime (or a similar product) to dry the soils. Should the construction schedule require work during wet conditions, additional recommendations can be provided, as conditions dictate.

Site Clearing

Initially, the site should be cleared of existing structures (if any), pavements, landscaping, utilities, vegetation, debris, and other deleterious materials to expose undisturbed native soils. Where practical, the clearing should extend a minimum of five feet beyond the limits of the proposed improvement areas.

The near-surface soils and primary section of roots should be stripped to a depth of at least six inches below the existing ground surface and not used within structural areas of the site. The subgrade soils exposed after surface soil stripping should be checked for organic content. In our opinion, soils having excessive organic matter contents as determined by our field representative should be 1) removed to expose soils undisturbed native soils with acceptable organic contents; 2) thoroughly mixed with on-site or imported fill soils with a lower organic material content; or 3) chemically treated with lime in order to reduce the organic matter content.

Soils containing organic material may be used in landscape areas. However, the landscape architect should have the final decision as to the placement of soils containing organic material in landscape areas.

Underground utilities within the proposed construction areas should be completely removed or rerouted. All trees designated for removal should include the rootballs and roots ½ inch or larger in size. Depressions resulting from removal of underground utilities and trees should be cleaned of loose soil and roots, and properly backfilled in accordance with the recommendations of this report.



Depressions resulting from clearing operations, as well as any disturbed, saturated, or organically contaminated soils, as identified by our representative should be cleaned out to firm, undisturbed soils and the excavation widened, as necessary, to allow access with compaction equipment. Depressions should be backfilled with engineered fill in accordance with the recommendations of this report.

Site preparation should be accomplished in accordance with the provisions of this report and the appended *Guide Earthwork Specifications*. Our representative should be present during site grading to evaluate the condition of the exposed subgrade soils, compliance with the above recommendations, and the guide specifications.

Subgrade Preparation

Due to the expansion characteristics of the native soils, the upper 12 inches of the final subgrade below floor slabs and exterior flatwork should consist of imported non-expansive engineered fill or the native soils and clayey fill soils should be chemically amended as noted below.

If non-expansive engineered fill is used within the upper 12 inches the final subgrade, following clearing and stripping operations, the native subgrade within the floor slabs, exterior flatwork, pavement areas, synthetic turf fields, and areas to receive fill should be scarified to a depth of at least 12 inches, or to the depth of disturbance caused by site clearing (whichever is greater). The subgrade should be moisture conditioned to at least two percent above the optimum moisture content, and compacted to at least the minimum relative compaction (percent of the maximum dry density determined by the American Society for Testing and Materials [ASTM] D1557 test method) listed below.

- Floor Slabs and Exterior Flatwork Subgrade – 90 percent
- Pavement Subgrade – 95 percent
- Synthetic Turf Field Subgrade – 95 percent

Loose, soft, or saturated soils should be properly prepared (i.e., scarified and compacted) or excavated to expose firm, undisturbed native materials.

Subgrade preparation and compaction operations should be performed in the presence of our representative who will evaluate the performance of the subgrade under compactive load and identify loose or unstable soils that could require additional subgrade preparation.



Final floor slab, exterior flatwork, synthetic turf, and pavement subgrade moisture conditioning and compaction on untreated subgrades should be completed no more than 48 hours before the start of installation of the aggregate base for floor slabs, flatwork, or pavements or the geotextile membrane and aggregate layer for the synthetic turf fields. If this is not possible, the subgrade soils should be protected from significant moisture loss prior to installation of the aggregate base or geotextile membrane.

Lime-Treated Subgrade - Alternative

Where 12-inches of lime-treated soil will be used as non-expansive fill, the upper 12 inches of the final subgrade soils should be treated with at least four percent (by dry weight of soil) high-calcium or dolomitic quicklime. At least 4½ pounds of lime per cubic foot of soil amended should be utilized to achieve the four percent mixture. Lime-stabilized soils should be compacted to at least 92 percent relative compaction, at a moisture content at least two percent over optimum conditions. If necessary, our firm can provide additional recommendations for subgrade stabilization based on the soil conditions at the time of earthwork construction.

If undisturbed native soils are to be lime-treated, the scarification and compaction procedures outlined in the Subgrade Preparation section of this report are not required prior to lime-treatment.

Engineered Fill

Areas to receive fill, as well as subgrades of building areas left at existing grade or achieved by excavation, should be scarified to a depth of at least 12 inches, brought to a uniform moisture content of at least two percent over optimum moisture for clay soils and at least the optimum moisture for granular soils, and compacted to at least 90 percent of the maximum dry density determined by the most recent ASTM D1557 test method. Original grade preparation and fill construction should extend at least five feet beyond the perimeter of the restroom/concession building and two feet beyond pavements and exterior flatwork. If unstable soils are observed during compaction, the unstable soils should be excavated to expose firm, stable soils, and the excavation restored to grade with engineered fill.

If grading operations are initiated following long periods of soil drying, the near-surface soils may be in a desiccated condition. Where the depth of the desiccation cracks is deeper than 12



inches, the site should be prewatered for a period of at least 48 hours or for a time sufficient to close the desiccation cracks, and to uniformly moisture condition the underlying soils.

Engineered fill should be placed in horizontal lifts not exceeding six inches in compacted thickness. Each lift should be compacted at a uniform moisture content of at least the optimum moisture content for granular soils and two percent over optimum for clay soils to at least 90 percent of the maximum dry density, as defined above.

The upper six inches of pavement subgrade and artificial turf subgrade should be uniformly compacted to at least 95 percent of the maximum dry density at a moisture content of at least the optimum moisture, and must be stable under construction traffic prior to placement of aggregate base.

All on-site soils may be used as fill provided they are free of organic material, debris and other deleterious material and free of rock and other particles greater than three inches in largest dimension. The native expansive clays are not suitable for use within the upper 12 inches of the building pad, exterior flat work, and synthetic turf surface construction.

The upper 12 inches of the building pad subgrade, subgrades supporting exterior slabs-on-grade, and synthetic turf surfaces, should be composed of select, non-expansive, granular fill or lime-treated soils. Imported fill should be an approved compactable, well-graded, granular material, have an Expansion Index of 20 or less, and be free of particles larger than three inches in maximum dimension. The contractor also should supply appropriate documentation for imported fill materials indicating the materials are free of known contamination and have corrosion characteristics within acceptable limits. Our firm must approve import material before being transported to the project site.

The upper six inches of pavement subgrades, whether achieved by excavation, filling, or left at-grade, should be processed and uniformly compacted to at least 95 percent relative compaction.

Utility Trench Backfill

Bedding and initial backfill for utility construction should conform with the pipe manufacturers recommendations and/or the applicable municipal jurisdiction's standard specifications. General trench backfill should consist of native soils, or suitable existing fill, backfilled in maximum 12-inch thick loose lifts and compacted to at least 90 percent of the maximum dry density as



determined by ASTM D1557. Backfill for the upper 12 inches of trenches must match the adjacent materials. That is, if the upper 12 inches of the building pad, exterior slabs-on-grade, pavements, or synthetic turf subgrade consists of granular fill materials, the top 12 inches of trench backfill should consist of the same materials or Class 2 aggregate base. If the top 12 inches of structural areas consists of lime-treated soils, the upper foot of trench backfill should consist of controlled density fill (CDF) or aggregate base.

Utility trench backfill within the upper six inches of the final subgrade should be compacted to 95 percent of the maximum dry density.

We recommend that all underground utility trenches aligned nearly parallel with foundations be at least five feet from the foundations, wherever possible. If this is not practical, the trenches should not encroach into a zone extending at a one horizontal to one vertical (1:1) inclination below the foundations.

Foundations

The proposed restroom/concession building and relatively lightly loaded structures may be supported upon continuous and/or isolated spread foundations. We anticipate the light poles will be supported on drilled, cast-in-place concrete piers (drilled piers). Consideration may also be given to supporting the buildings and isolated ancillary structures on a drilled pier-type foundation.

Recommendations for both continuous and/or isolated spread foundations and drilled, cast-in-place concrete pier foundations are provided below.

Conventional Shallow Foundations

The relatively lightly loaded structures may be constructed upon shallow spread and/or continuous foundations bearing upon undisturbed native soils or engineered fill constructed in accordance with these recommendations. Foundations should be embedded at least 18 inches below lowest adjacent soil grade. Isolated foundations should be at least 24 inches wide; continuous foundations should be at least 12 inches wide. Foundations so established may be sized for a maximum allowable vertical bearing capacity of 3000 psf for dead plus live load with an allowable 1/3 increase to include the short term effects of wind or seismic forces. The weight



of the foundation concrete extending below lowest adjacent soil grade may be disregarded in sizing computations.

Continuous foundations should be reinforced with at least two No. 4 reinforcement bars, placed one each near the top and bottom of the foundation. This is considered a guide minimum only; the project structural engineer should determine the final dimensions and structural reinforcement of the building foundations.

Resistance to lateral displacement of foundations may be computed using an allowable friction factor of 0.25, which may be multiplied by the effective vertical load on each foundation. Additional lateral resistance can be achieved by considering *passive* soil resistance against the vertical projection of the foundations equivalent to a fluid weighing 250 pounds per cubic foot (pcf). These two modes of resistance (friction and *passive* pressure) should not be added unless the frictional component is reduced by one half since mobilization of resistive forces may occur at different magnitudes of horizontal movement.

We estimate total settlement for shallow footing foundations using the recommended maximum net allowable bearing pressure presented above, should be one inch or less. Differential settlements are estimated to be about one-half the total settlement over a horizontal distance of 50 feet or the least dimension of the structure, whichever is less. These settlement estimates are based on the available boring information, our experience with similar structures and soil conditions, and construction of the building pads as recommended in this report.

We recommend that all foundation excavations be observed by our representative prior to placement of reinforcement and concrete to verify firm bearing materials are exposed.

Drilled Cast-in-Place Concrete Piers

The lighting standards and structures may be supported on drilled, cast-in-place concrete piers extending at least five feet below lowest adjacent soil grade. Drilled piers should have a minimum shaft diameter of 24 inches to help facilitate proper cleaning of the bottom of the pier. Drilled piers extending five to 10 feet below the existing ground surface may be sized utilizing a maximum allowable vertical bearing capacity of 4000 psf or an allowable skin friction of 300 psf for dead plus live loads, which may be applied over the surface of the pier extending deeper than 12 inches below grade. Drilled piers extending greater than 10 feet below the existing ground surface may be sized utilizing a maximum allowable vertical bearing capacity of 6000 psf or an



allowable skin friction of 500 psf for dead plus live loads, which may be applied over the surface of the pier extending deeper than 12 inches below grade. Those values may be increased by one-third to include short-term wind or seismic forces. Drilled pier foundations should be structurally isolated from any adjacent concrete flatwork by a felt strip or similar material.

Uplift resistance of pier foundations may be computed using the following resisting forces, where applicable: 1) weight of the pier concrete (150 pounds per cubic foot) and, 2) shearing resistance of 300 or 500 psf (depending on the depth of the pier) applied over the shaft area of the pier. Increased uplift resistance can be achieved by increasing the diameter of the pier or increasing the depth.

Sizing of piers to resist lateral loads can be evaluated using Section 1807.3.2 of the 2010 CBC. A value of 300 pcf for lateral bearing as defined in Table 1806.2 of the CBC may be used for the coefficients S_1 and S_3 for the nonconstrained and constrained conditions, respectively. Per Section 1806.1 of the 2010 CBC, an increase of 1/3 is permitted when using the alternate load combinations in Section 1605.3.2 that include wind or earthquake loads. The upper 12 inches of the subgrade should be neglected for the nonconstrained condition.

Lateral resistance of drilled piers can also be evaluated by determining the shear, moment and deflection of the pier using a computer model of the pier and soil (i.e. LPILE). Such an analysis is beyond the current scope of this evaluation and can be accomplished after the dimensions of the piers and loading conditions are known, if desired.

The bottom of the pier excavations should be free of loose or disturbed soils prior to placement of the concrete. Cleaning of the bearing surface may be done mechanically with the belling bucket, but should be verified by the geotechnical engineer prior to concrete placement.

Drilled pier excavations should not be left open for more than 24 hours before placing the reinforcement and foundation concrete. The intent of this recommendation is to prevent desiccation of clay soils during foundation construction.

Reinforcement and concrete should be placed in the pier excavations as soon as possible after excavation is completed to minimize the chances of sidewall caving into the excavations. Excessive sloughing of the sidewalls during pier construction is anticipated for piers extending deeper than about 10 feet below the existing ground surface. Therefore, we recommend that the pier contractor be prepared to case the pier holes if conditions require.



To reduce lateral movement of the drilled shafts, it is necessary to place the concrete for the drilled shafts in intimate contact with the surrounding soil. Any voids or enlargements in the shafts due to over-excavation or temporary casing installation shall be filled with concrete at the time the shaft concrete is placed.

If the drilled piers are constructed in the "dry" (with dry being less than two inches of water at the base of the excavation), the concrete may be placed by the free-fall method, using a short hopper or back-chute to direct the concrete flow out of the truck into a vertical stream of flowing concrete with a relatively small diameter. The stream is directed to avoid hitting the sides of the excavation or any reinforcing cages. For the free-fall method of concrete placement, we recommend the concrete mix be designed with a slump of five to seven inches.

In general, we anticipate the drilled pier excavations will be relatively dry for pier excavations extending less than about 15 feet below the existing ground surface. For excavations extending deeper than about 15 feet below the existing ground surface we anticipate groundwater will be encountered which cannot be controlled such that more than six inches of water accumulates at the bottom of the pier excavation. After it is confirmed that the excess water cannot be removed from the caisson excavation by bailing or with pumps, concrete should be placed using a tremie. For concrete placed using the tremie method, a slump of six to eight inches, and a maximum aggregate size of $\frac{3}{4}$ -inch is recommended. The required slump should be obtained by using plasticizers or water-reducing agents. Addition of water on-site to establish the recommended slump should not be allowed.

When extracting temporary casings or tremie methods from the excavation, care should be taken to maintain a head of concrete to prevent infiltration of water and soil into the shaft area. The head of concrete should always be greater than the head of water trapped outside the pier or tremie, taking into account the differences in unit weights of concrete and water.

We estimate total settlement for drilled pier foundations using the recommended maximum net allowable bearing pressure and allowable capacities presented above, will be less than one inch. Differential settlements may be as much as the total settlement between individual pier elements. The settlement estimates are based on the available soil information, our experience with similar structures and soil conditions, and field verification of suitable bearing soils during foundation construction.



Interior Floor Slab Support

Concrete slabs-on grade can be supported upon the soil subgrades prepared in accordance with the recommendations in this report and maintained in that condition. Interior slab-on-grade floors should be at least five inches thick and, as a minimum, contain chaired No. 3 reinforcing bars on 24-inch center-on-center spacing, located at mid-slab depth. This slab reinforcement is suggested as a guide "minimum" only; final reinforcement and joint spacing should be determined by the structural engineer.

Conventional floor slabs *may* be underlain by a layer of free-draining gravel serving as a deterrent to migration of capillary moisture. If used, the gravel layer should be at least four inches thick and graded such that 100 percent passes a one-inch sieve and no appreciable amount passes a No. 4 sieve. Additional moisture protection *may* be provided by placing a plastic vapor retarder membrane (at least 10-mils thick) directly over the gravel. If used, the vapor retarder membrane should generally conform to ASTM E1745 specifications.

Floor slab construction practice over the past 20 years or more has included placement of a thin layer of sand over the vapor retarder membrane. The intent of the sand is to aid in the proper curing of the slab concrete. However, recent debate over excessive moisture vapor emissions from floor slabs includes concern of water trapped within the sand. As a consequence, we consider use of the sand layer as optional. The concrete curing benefits should be weighed against efforts to reduce slab moisture vapor transmission.

The recommendations presented above should mitigate significant soils-related cracking of the slab-on-grade floors. Also important to the performance and appearance of a Portland cement concrete slab is the quality of the concrete, the workmanship of the concrete contractor, the curing techniques utilized and spacing of control joints.

Floor Slab Moisture Penetration Resistance

It is considered likely that floor slab subgrade soils will become wet to near-saturated at some time during the life of the structures. This is a certainty when slab subgrades are constructed during the wet seasons or when constantly wet ground or poor drainage conditions exist adjacent to structures. For this reason, it should be assumed that all slabs intended for moisture-sensitive floor coverings or materials require protection against moisture or moisture vapor penetration. Standard practice includes the gravel, vapor retarder membrane and sand, as discussed above.



However, the gravel and membrane offer only a limited, first-line of defense against soil-related moisture. Recommendations contained in this report concerning foundation and floor slab design are presented as *minimum* requirements, only from the geotechnical engineering standpoint.

It is emphasized that we are not slab moisture proofing or moisture protection experts for this project. We are expressly stating that we make no guarantee nor provide any assurance that use of the sub-slab gravel and vapor retarder membrane will reduce slab moisture penetration to any specific amount or level, particularly those required by floor covering manufacturers or to avoid damage to other building components. The design team should consider all available measures for slab moisture protection. It is commonly accepted that the quality and thickness of the concrete slab are of primary importance to reducing moisture and moisture vapor penetration.

Exterior Concrete Flatwork

Exterior concrete flatwork should be constructed on at least 12-inches of non-expansive compactable soil or 12-inches of lime-treated soil compacted in accordance with the recommendations of this report.

Granular soil subgrades for flatwork should be scarified, moisture conditioned to at least the optimum moisture and compacted immediately prior to concrete placement. This would not be required if the subgrades are lime-treated. Aggregate base could be used as a leveling course under flatwork if necessary, compacted to not less than 95 percent relative compaction.

Flatwork should be at least five inches thick and reinforced for crack control. Reinforcement should include, as a minimum, chaired No. 3 rebar located on maximum 18-inch centers, both ways, throughout slabs. Accurate and consistent location of the reinforcement at mid-slab is essential to its performance and the risk of uncontrolled drying shrinkage slab cracking is increased if the reinforcement is not properly located within the slab.

Uniform moisture conditioning of subgrade soils is important to reduce the risk of non-uniform moisture withdrawal from the concrete and the possibility of plastic shrinkage cracks. Practices recommended by the Portland Cement Association for proper placement and curing of concrete should be followed during exterior concrete flatwork construction. Flatwork should be independent of the building foundations and felt strips should be used to separate concrete slabs from building foundations.



The architect or civil engineer should determine the final thickness, strength, reinforcement, and joint spacing of exterior slab-on-grade concrete. Exterior flatwork next to landscaped areas should be thickened to twice the slab thickness for a width of at least 12 inches to help support lawn mowing equipment and other maintenance equipment.

Site Drainage

Site drainage should be accomplished to provide positive drainage of surface water away from the buildings and structures and prevent ponding of water adjacent to foundations. The subgrade adjacent to the buildings should be sloped away from foundations at a minimum two percent gradient for at least 10 feet, where possible. We recommend consideration be given to connecting all roof drains to solid PVC pipes which are connected to available drainage features to convey water away from the structures, or discharging the drains onto paved, or hard surfaces that slope away from the foundations. Ponding of surface water should not be allowed adjacent to buildings, flatwork, or pavements.

Pavement Design

The procedures used to design the pavement sections present below are in general conformance with the "Flexible Pavement Structural Design Guide for California Cities and Counties" dated January 1979, and the California Highway Design Manual dated September 1, 2006. Laboratory testing of the on-site soils indicates R-values of five, which was used in our pavement design. If the soils are lime-treated, an R-value of 50 is considered suitable for design.



PAVEMENT DESIGN ALTERNATIVES					
Traffic Index (TI)	Pavement Use	Untreated Subgrades R-value = 5		Lime-Treated Subgrades Soils R-value = 50	
		Type B Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Type B Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)
4.5	Automobile Parking	2½*	9	2½*	4
		3*	8	3*	4
6.5	Drive Isles, Moderate Truck Traffic and Fire Trucks	3	17	3	7
		4*	15	4*	5

* Asphalt concrete thickness contains the Caltrans safety factor.

Pavement design alternates for lime-stabilized soil are contingent upon at least 12 inches of the pavement subgrade soils being composed of native soils mixed with at least four percent by dry weight of soil (at least 4½ pounds per cubic foot of amended soil) high-calcium or dolomitic quicklime, compacted at least two percent over the optimum moisture content to at least 92 percent relative compaction. Untreated subgrades should be compacted to the appropriate relative compaction as recommended in the Subgrade Preparation section of this report, at a moisture content at least two percent over the optimum moisture content. All aggregate base should be compacted to at least 95 percent relative compaction.

Materials quality and construction within the structural sections should comply with the applicable provisions of the Caltrans Standard Specifications and Sacramento County Standard Specifications.

We emphasize that the performance of pavements is critically dependent upon uniform and adequate compaction of the soil subgrade as well as all engineered fill and utility trench backfill within the limits of the pavement. Earthwork construction within the limits of the pavement should be performed in accordance with the recommendations contained in this report.



Construction Testing and Observation

Site preparation should be accomplished in accordance with the recommendations of this report and the attached *Guide Earthwork Specifications* and *Guide Drille, Cast-in-Place Concrete Pier Specifications*. Representatives of Wallace-Kuhl & Associates (WKA) should be present during site preparation and all grading operations to observe and test the fill to verify compliance with our recommendations and the job specifications. These services are beyond the scope of work authorized for this investigation.

In the event that WKA is not retained to provide geotechnical engineering observation and testing services during construction, the Geotechnical Engineer retained to provide this service should indicate in writing that they agree with the recommendations of this report and prepare supplemental recommendations, as necessary.

A final report by the "Geotechnical Engineer" should be prepared upon completion of the project indicating compliance with or deviations from this report and the project plans and specifications. Please be aware that the title Geotechnical Engineer is restricted in the State of California to a Civil Engineer authorized by the State of California to use the title "Geotechnical Engineer."

Future Services

We recommend that WKA be retained to review the final plans and specifications to determine if the intent of our recommendations has been implemented in those documents.

LIMITATIONS

Our recommendations are based upon the information provided regarding the proposed project, combined with our analysis of site conditions revealed by the field exploration and laboratory testing programs. We have used our best engineering judgment based upon the information provided and the data generated from our investigation.

This report has been prepared in substantial compliance with generally accepted geotechnical engineering practices that exist in the area of the project at the time the report was prepared. No warranty, either express or implied, is provided.



If the proposed construction is modified or re-sited; or, if it is found during construction that subsurface conditions differ from those we encountered at our boring locations, we should be afforded the opportunity to review the new information or changed conditions to determine if our conclusions and recommendations must be modified.

We emphasize that this report is applicable only to the proposed construction and the investigated site, and should not be utilized for construction on any other site.

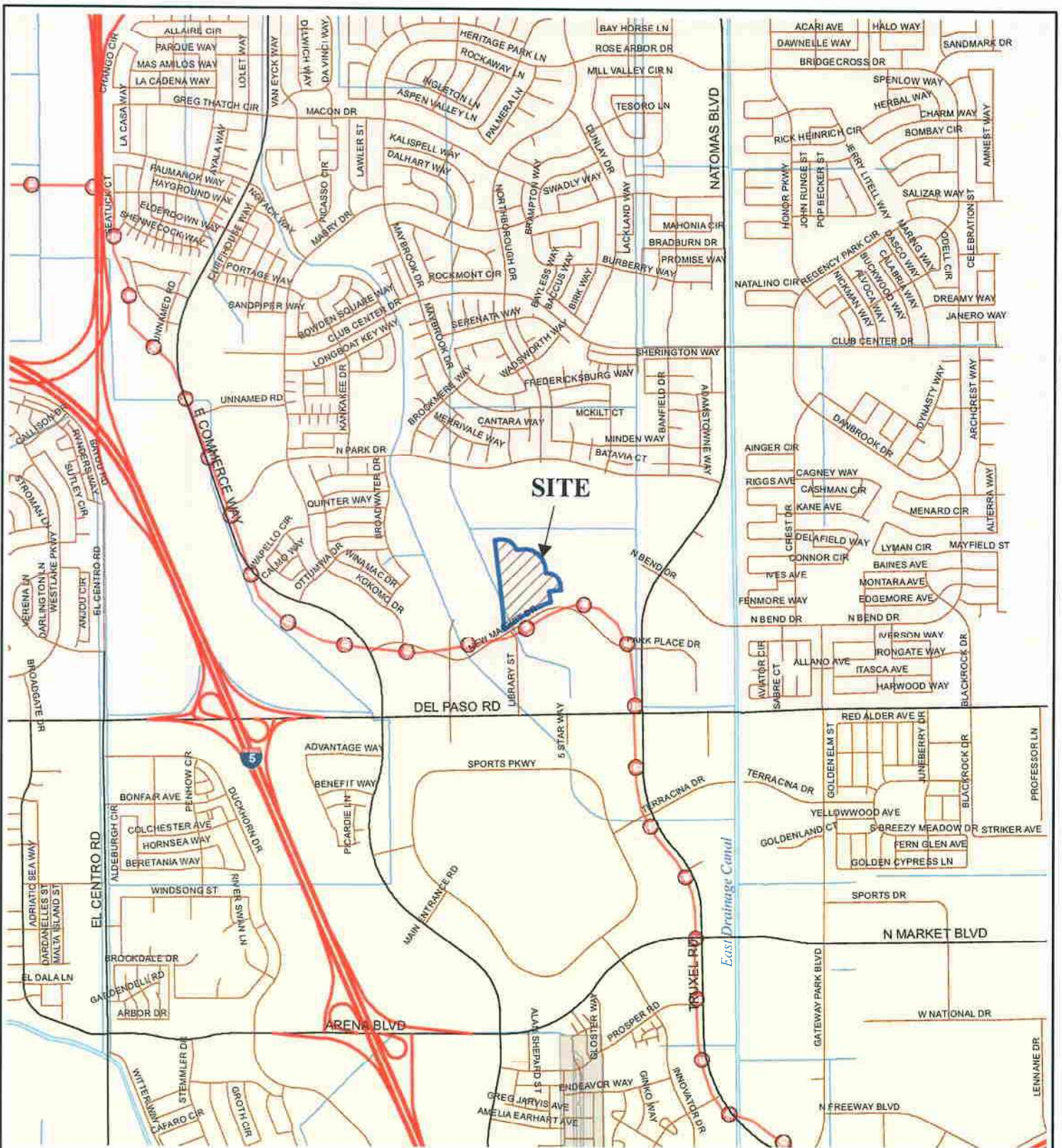
The conclusions and recommendations of this report are considered valid for a period of three years. If design is not completed and construction has not started within three years of the date of this report, the report must be reviewed and updated if necessary.

Wallace - Kuhl & Associates

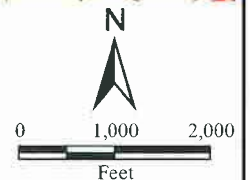


Matthew S. Moyneur
Project Engineer





Adapted from data provided by the Sacramento
Area Council of Governments, 2008.
Projection: NAD 83, California State Plane, Zone II



VICINITY MAP
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California

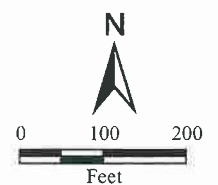
FIGURE 1	
DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11
WKA NO. 8890.12P	



Adapted from a drawing provided by the City of Sacramento, dated June 2011.
Projection: NAD 83, California State Plane, Zone II

Legend

◆ Approximate soil boring location



SITE PLAN

NORTH NATOMAS REGIONAL PARK DEVELOPMENT

Sacramento, California

FIGURE 2	
DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11
WKA NO. 8890.12P	

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D1

Sheet 1 of 2

Date(s) Drilled	8/10/11	Logged By	MLC	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	50.0 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	15.0 [5.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Cement Grout
Remarks	Driving Method and Drop 140-lb automatic hammer; 30-inch drop				

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
15	5		Dark brown, silty clay (CH)		D1-1	17	21.6	98	UCC=1.3 tsf
					D1-2	26	26.6		
10	10		Brown, moist, medium dense, fine sandy silt with some clay (ML)		D1-3	35			
5	15		Brown, moist, medium dense, fine to medium sand with some silt (SP-SM)		D1-4	32	33.7	86	
0	20		Gray, wet, dense, fine to medium sand with trace silt (SP)		D1-5	40			
-5	25				D1-6	10			
-10	30		Light gray, silty clay (CL)		D1-7	50			

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D1

Sheet 2 of 2

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
-15	35								
			Gray, wet, clayey silt (ML)		D1-8	59			
-20	40		Light gray, silty clay (CL)		D1-9	49	28.4	95	
-25	45				D1-10	50/6"			
			Gray, wet, very dense, variably cemented, clayey, sandy silt (ML)						
			black, white and gray mottling		D1-11	50/6"			
-30	50		End of boring at ~50 feet below the ground surface. Groundwater was initially encountered ~16 feet below the ground surface.						

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D2

Sheet 1 of 2

Date(s) Drilled	8/10/11	Logged By	MLC	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	50.0 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	16.0 [4.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Cement Grout
Remarks				Driving Method and Drop	140-lb automatic hammer; 30-inch drop

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
15	5		Dark brown, silty clay (CH)		D2-1	16	17.4	103	UCC= 6.9 tsf
			Light brown, moist, dense, variably cemented, sandy silt (ML)		D2-2	38			
10	10		Grayish brown, moist, medium dense, fine to medium sand with some silt (SP-SM)		D2-3	32	28.4	95	
5	15		Gray, wet, dense, fine to medium sand with trace silt (SP)		D2-4	49			
0	20		Gray, wet, dense, silty fine to medium sand (SP-SM)		D2-5	54			
-5	25		Gray, wet, clayey silt (ML)		D2-6	75			
			Gray, wet, very dense, clayey, silty fine to coarse sand (SM)						
-10	30		Gray with brown mottling, clayey silty (ML)		D2-7	52			

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D2

Sheet 2 of 2

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
-15	35				D2-8	36			
-20	40		Gray, silty clay (CL)		D2-9	10	33.5	88	
-25	45				D2-10	49			
-30	50		End of boring at ~50 feet below the ground surface. Groundwater was initially encountered ~16 feet below the ground surface.		D2-11	47			

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D3

Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	30.0 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth (Elevation), feet	15.0 [5.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Auger Cuttings
Remarks				Driving Method and Drop	140-lb automatic hammer; 30-inch drop

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
15	5		Dark brown, silty clay (CH)		D3-1	14	17.8	87	
10	10		Brown, variably cemented sandy silt with trace clay (ML)		D3-2	43			
5	15		Dark brown, silty fine to medium sand (SM)		D3-3	18	35.4	76	
0	20		Brown, sandy silt with trace clay (ML)		D3-4	21			
-5	25		Brown and gray, clayey, sandy silt (ML)		D3-5	27			
-10	30		Brown, variably cemented, silty fine to medium sand with trace clay (SM)		D3-6	61			
			Brown and gray, silt with sand and trace clay (ML)		D3-7	39			
			End of boring at ~30 feet below the ground surface. Groundwater was initially encountered ~15 feet below the ground surface.						

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

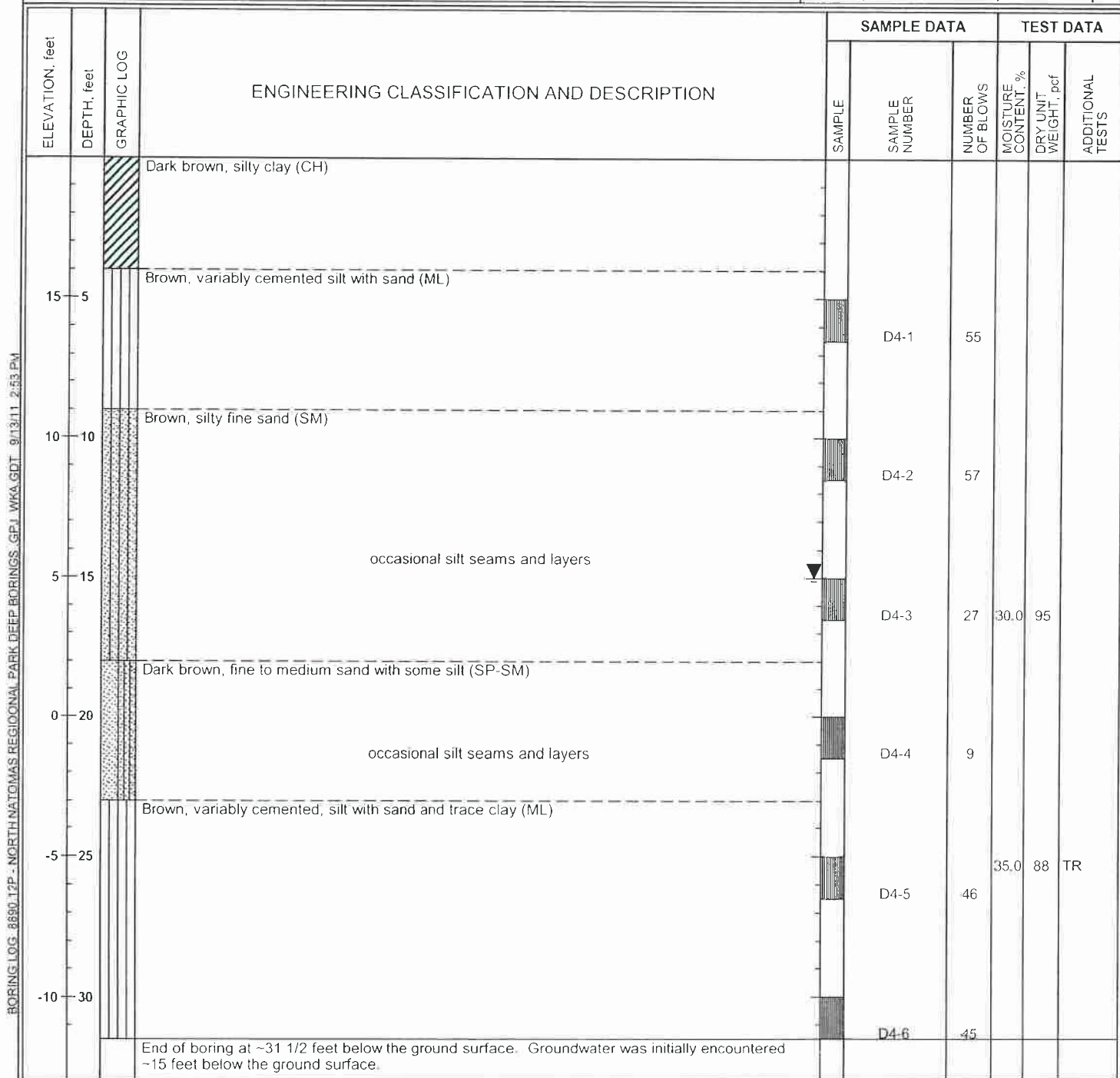
Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D4

Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	31.5 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	15.0 [5.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Auger Cuttings
Remarks				Driving Method and Drop	140-lb automatic hammer; 30-inch drop



Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D5

Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	31.5 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	20.0 [0.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Auger Cuttings
Remarks	Driving Method and Drop 140-lb automatic hammer; 30-inch drop				

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, silty clay (CH)						
15	5		Brown and gray, variably cemented, silt with trace sand and clay (ML)		D5-1	74	28.8	87	
10	10		Dark brown, silty fine to medium sand (SM)		D5-2	40			
5	15		Brown, sandy silt with trace clay (ML)		D5-3	34	31.0	90	
0	20		Dark brown, fine to medium sand with some silt (SP-SM)						
			Brown and gray, silt with trace sand (ML)		D5-4	31			
-5	25		Brown and gray, silt with some clay and trace sand (ML)		D5-5	32			
-10	30		Brown, sandy silt (ML)						
			End of boring at -31 1/2 feet below the ground surface. Groundwater was initially encountered ~20 feet below the ground surface.		D5-6	42	32.1	90	

BORING LOG 8890.12P-NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D6

Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	26.5 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	15.0 [5.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Auger Cuttings
Remarks	Driving Method and Drop 140-lb automatic hammer; 30-inch drop				

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, silty clay (CH)						
15	5		Brown, silt with trace sand (ML)		D6-1	56			
10	10		Brown and gray, sandy silt (ML)		D6-2	23			
5	15		Brown and gray, silt with trace sand and clay (ML)		D6-3	13	34.4	83	
0	20		Dark brown, sandy silt (ML)		D6-4	24			
-5	25		Light brown, silt with clay and trace sand (ML)		D6-5	29	21.3	96	
			End of boring at ~26 1/2 feet below the ground surface. Groundwater was initially encountered ~15 feet below the ground surface.						

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS GPJ WKA GDT 8/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D7

Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	31.5 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	20.0 [0.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Auger Cuttings
Remarks				Driving Method and Drop	140-lb automatic hammer; 30-inch drop

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, silty clay (CH)						
15	5		Brown and gray, variably cemented, silt with trace sand and clay (ML)		D7-1	45	24.5	95	
10	10		Dark brown, silty fine to medium sand (SM)		D7-2	57			
5	15		Brown, sandy silt with trace clay (ML)		D7-3	11	35.8	88	TR
0	20		occasional sand seams and layers		D7-4	22			
-5	25				D7-5	25			
-10	30				D7-6	33			
End of boring at ~31 1/2 feet below the ground surface. Groundwater was initially encountered ~20 feet below the ground surface.									

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D8

Sheet 1 of 1

Date(s) Drilled	8/10/11	Logged By	MLC	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	30.0 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	16.0 [4.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Cement Grout
Remarks				Driving Method and Drop	140-lb automatic hammer; 30-inch drop

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE	SAMPLE DATA		TEST DATA		
					SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, silty clay (CH)		D8-1	23	20.8	101	
15	5		Brown, moist, medium dense, silty fine sand (SM)		D8-2	25			
10	10		Brown, moist medium dense, sandy silt (ML)		D8-3	21	31.5	84	
5	15				D8-4	22			
0	20		Brown gray, wet, fine to medium sand with silt (SP-SM)		D8-5	17	32.9	87	
-5	25				D8-6	50/6"			
			Brown and gray, silty clay (CL)						
			Gray with black mottling, wet, variably cemented, clayey silt (ML)		D8-7	50/6"			
-10	30		End of boring at ~30 feet below the ground surface. Groundwater was initially encountered about 16 feet below the ground surface.						

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 9/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D9

Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	26.5 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	22.0 [-2.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	Auger Cuttings
Remarks	Driving Method and Drop 140-lb automatic hammer; 30-inch drop				

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA			TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, silty clay (CH)						
15	5		Brown and gray, silt with trace sand and clay (ML)		D9-1	23			
10	10		Brown, sandy silt (ML)		D9-2	17	29.4	91	
5	15		Dark brown, silty fine sand (SM)		D9-3	39			
0	20		Brown and gray, variably cemented, silt with trace sand (ML)		D9-4	29			
-5	25		Gray turning brown, silt with trace sand and clay (ML)		D9-5	29			
			End of boring at ~26 1/2 feet below the ground surface. Groundwater was initially encountered ~22 feet below the ground surface.						

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS.GPJ WKA.GDT 8/13/11 2:53 PM

Project: North Natomas Regional Park Development

Project Location: Natomas, California

WKA Number: 8890.12P

LOG OF SOIL BORING D10


















Sheet 1 of 1

Date(s) Drilled	8/11/11	Logged By	MSM	Checked By	MSM
Drilling Method	Hollow Stem Auger	Drilling Contractor	V&W Drilling, Inc.	Total Depth of Drill Hole	16.5 feet
Drill Rig Type	CME-75	Diameter(s) of Hole, inches	8"	Approx. Surface Elevation, ft MSL	20.0
Groundwater Depth [Elevation], feet	15.0 [5.0]	Sampling Method(s)	California Modified	Drill Hole Backfill	August Cuttings
Remarks				Driving Method and Drop	140-lb automatic hammer; 30-inch drop

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA		TEST DATA		
				SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf
			Dark brown, silty clay (CH)					
15	5		Brown and gray, variably cemented, silt with some clay and trace sand (ML)		D10-1	22	26.2	92
10	10				D10-2	20	30.4	87
5	15		Light gray, silty clay (CL)		D10-3	28		
End of boring at ~16 1/2 feet below the ground surface. Groundwater was initially encountered ~15 feet below the ground surface.								

BORING LOG 8890.12P - NORTH NATOMAS REGIONAL PARK DEEP BORINGS - GPJ WKA GDT - 9/13/11 2:53 PM

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS		SYMBOL	CODE	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of soil > no. 200 sieve size)	<u>GRAVELS</u> (More than 50% of coarse fraction > no. 4 sieve size)	GW		Well graded gravels or gravel - sand mixtures, little or no fines
		GP		Poorly graded gravels or gravel - sand mixtures, little or no fines
		GM		Silty gravels, gravel - sand - silt mixtures
		GC		Clayey gravels, gravel - sand - clay mixtures
	<u>SANDS</u> (50% or more of coarse fraction < no. 4 sieve size)	SW		Well graded sands or gravelly sands, little or no fines
		SP		Poorly graded sands or gravelly sands, little or no fines
		SM		Silty sands, sand - silt mixtures
		SC		Clayey sands, sand - clay mixtures
FINE GRAINED SOILS (50% or more of soil < no. 200 sieve size)	<u>SILTS & CLAYS</u> <u>LL < 50</u>	ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
		CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		OL		Organic silts and organic silty clays of low plasticity
	<u>SILTS & CLAYS</u> <u>LL ≥ 50</u>	MH		Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH		Inorganic clays of high plasticity, fat clays
		OH		Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS		Pt		Peat and other highly organic soils
ROCK		RX		Rocks, weathered to fresh
FILL		FILL		Artificially placed fill material

OTHER SYMBOLS

-
-
-
-
-
-
-

Laboratory Tests

- PI = Plasticity Index
- EI = Expansion Index
- UCC = Unconfined Compression Test
- TR = Triaxial Compression Test
- GR = Gradational Analysis (Sieve)
- K = Permeability Test

GRAIN SIZE CLASSIFICATION

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL coarse (c) fine (f)	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 76.2 to 19.1 19.1 to 4.76
SAND coarse (c) medium (m) fine (f)	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.074 4.76 to 2.00 2.00 to 0.420 0.420 to 0.074
SILT & CLAY	Below No. 200	Below 0.074



UNIFIED SOIL CLASSIFICATION SYSTEM
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
 Sacramento, California

FIGURE 13

DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11
WKA NO. 8890.12P	

APPENDICES



APPENDIX A
Field and Laboratory Testing



APPENDIX A

A. GENERAL INFORMATION

The performance of a geotechnical engineering investigation for the proposed North Natomas Regional Park Development in Sacramento, California, was authorized by the City of Sacramento Parks and Recreation Department. Authorization was for an investigation as described in our proposal letter dated August 1, 2011, sent to Mr. Dennis Day, whose mailing address is 915 I Street, Fifth Floor, Sacramento, California 95814; telephone (916) 808-7633; facsimile (916) 808-8266.

To assist in the preparation of this report, we reviewed a *Schematic Plan* dated June 2011 prepared by the City of Sacramento Parks and Recreation Department.

B. FIELD EXPLORATION

At the approximate locations indicated on Figure 2, 10 exploratory borings were drilled on August 11 and 12, 2011 utilizing a CME 75 truck-mounted drill rig. Relatively undisturbed samples were recovered from the borings at various depths using an 18-inch long, 2½-inch outside diameter (O.D.), 2-inch inside diameter (I.D.) modified California sampler driven by a 140-pound hammer freely falling 30 inches. The number of blows of the hammer required to drive the 18-inch long sampler each 6-inch interval, or portion thereof, was recorded, with the sum of the blows required to drive the sampler the lower 12-inch interval being designated the penetration resistance or "blow count" for that particular drive.

All samples obtained were retained in 2-inch diameter by 6-inch long, thin walled brass tubes contained within the samplers. Immediately after recovery, the field engineer visually classified the soil in the tubes and the ends of the tubes were sealed to preserve the natural moisture contents. The soil samples were taken to our laboratory for additional classification and selection of samples for testing.

The Logs of Soil Borings, Figures 3 through 12, contain descriptions of the soils encountered in each boring. A Boring Legend explaining the Unified Soil Classification System and the symbols used on the logs is contained on Figure No. 13.



C. LABORATORY TESTING

Selected undisturbed samples of the soil were tested to determine dry unit weight (ASTM D2937), natural moisture content (ASTM D2216), and shear strength by triaxial strength testing (ASTM D4767). The results of the moisture/density tests are included on the boring logs at the depth each sample was obtained. The results of the triaxial shear strength testing are presented on Figures A1 and A2.

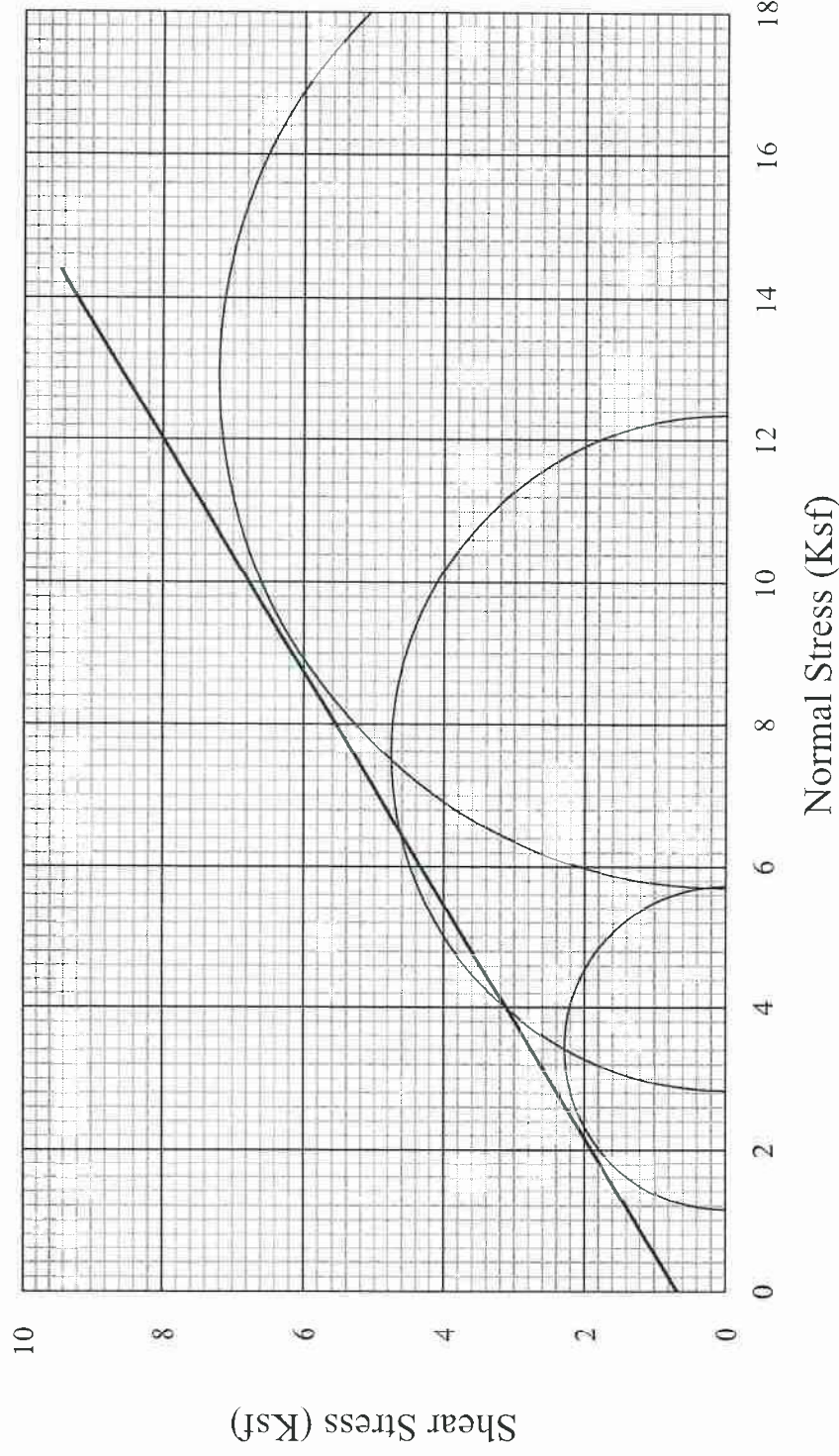
Expansion Index testing (ASTM D4829) was performed on a bulk sample of the near-surface soils; the results are presented on Figure A3.

A representative bulk sample of near-surface soil was subjected to untreated Resistance (“R”) value testing in accordance with California Test (CT) 301. The results of the R-value test are presented on Figure A4.


Representative bulk samples of near-surface soil were tested by Sunland Analytical Lab to determine the preliminary corrosion characteristics of the soil (CT 417, 422, 643). The results of the test are presented on Figures A5 and A6.



ASTM D4767



<p><u>SAMPLE NO.:</u> D4-4I</p> <p><u>SAMPLE CONDITION:</u> Undisturbed</p> <p><u>SAMPLE DESCRIPTION:</u> Dark brown, fine to medium sand with silt</p>	<p>DRY DENSITY (PCF) : 87.6</p> <p>INITIAL MOISTURE (%) : 35.0</p> <p>FINAL MOISTURE (%) : 35.5</p>							
	<p>ANGLE OF INTERNAL FRICTION (ϕ) : 31°</p> <p>COHESION (PSF) : 680</p>							
	<p>FIGURE A1</p> <table border="1"> <tr> <td>DRAWN BY</td> <td>TJC</td> </tr> <tr> <td>CHECKED BY</td> <td>MSM</td> </tr> <tr> <td>PROJECT MGR</td> <td>MSM</td> </tr> <tr> <td>DATE</td> <td>8/11</td> </tr> </table> <p>WKA NO. 8890.12P</p>	DRAWN BY	TJC	CHECKED BY	MSM	PROJECT MGR	MSM	DATE
DRAWN BY	TJC							
CHECKED BY	MSM							
PROJECT MGR	MSM							
DATE	8/11							



WallaceKumi
ASSOCIATES

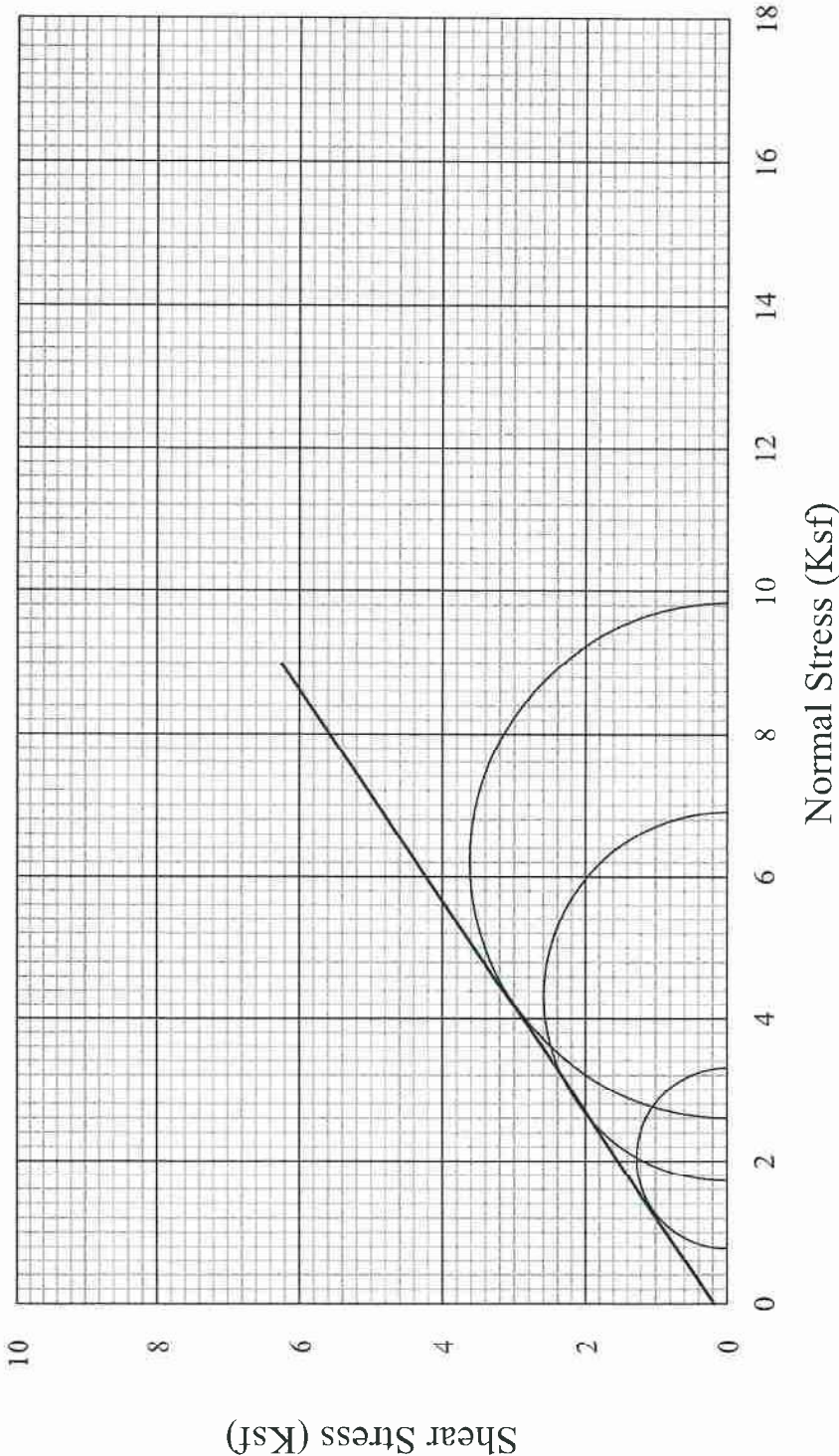
TRIAxIAL COMPRESSION TEST RESULTS

NORTH NATOMAS REGIONAL PARK DEVELOPMENT

Sacramento, California

TRIAXIAL COMPRESSION TEST

ASTM D4767



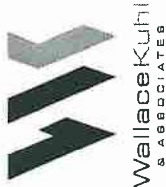
SAMPLE NO. : D7-3I

SAMPLE CONDITION : Undisturbed

SAMPLE DESCRIPTION : Brown, fine to medium sandy silt with trace clay

DRY DENSITY (PCF) : 87.8
INITIAL MOISTURE (%) : 35.8
FINAL MOISTURE (%) : 33.7

ANGLE OF INTERNAL FRICTION (ϕ) : 34°
COHESION (PSF) : 187



TRIAXIAL COMPRESSION TEST RESULTS
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California

FIGURE A2

DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11

WKA NO. 8890.12P

EXPANSION INDEX TEST RESULTS

ASTM D4829

MATERIAL DESCRIPTION: Brown and dark brown, silty clay

LOCATION: D1

<u>Sample Depth</u>	<u>Pre-Test Moisture (%)</u>	<u>Post-Test Moisture (%)</u>	<u>Dry Density (pcf)</u>	<u>Expansion Index</u>
0'-3'	15.5	32.5	91.4	99

CLASSIFICATION OF EXPANSIVE SOIL *

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

* From ASTM D4829, Table 1



EXPANSION INDEX TEST RESULTS
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California

FIGURE		A3
DRAWN BY	TJC	
CHECKED BY	MSM	
PROJECT MGR	MSM	
DATE	8/11	
WKA NO. 8890.12P		

RESISTANCE VALUE TEST RESULTS

(California Test 301)

MATERIAL DESCRIPTION: Brown and dark brown, silty clay

LOCATION: D1 (0'-3')

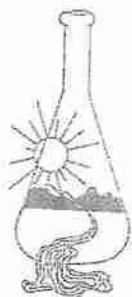
Specimen No.	Dry Unit Weight (pcf)	Moisture @ Compaction (%)	Exudation Pressure (psi)	Expansion Pressure		R Value
				(dial)	(psf)	
1	108	19.5	796	- -	507	
2						
3						

Sample extruded, therefore R-Value = 5



RESISTANCE VALUE TEST RESULTS
 NORTH NATOMAS REGIONAL PARK DEVELOPMENT
 Sacramento, California

FIGURE	A4
DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11
WKA NO. 8890.12P	



Sunland Analytical

11353 Pyrites Way, Suite 4
Rancho Cordova, CA 95670
(916) 852-8557

Date Reported 09/02/2011
Date Submitted 08/29/2011

To: Matt Moyneur
Wallace-Kuhl & Assoc.
3050 Industrial Blvd.
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : 8890.12P/N.NATOMAS P Site ID : D1-2II.
Thank you for your business.

* For future reference to this analysis please use SUN # 60900-124940.

EVALUATION FOR SOIL CORROSION

Soil pH	7.83	
Minimum Resistivity	0.67 ohm-cm (x1000)	
Chloride	83.4 ppm	00.00834 %
Sulfate	168.6 ppm	00.01686 %

METHODS

pH and Min.Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422



CORROSION TEST RESULTS
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California

FIGURE A5	
DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11
WKA NO. 8890.12P	



Sunland Analytical

11353 Pyrites Way, Suite 4
Rancho Cordova, CA 95670
(916) 852-8557

Date Reported 09/02/2011
Date Submitted 08/29/2011

To: Matt Moyneur
Wallace-Kuhl & Assoc.
3050 Industrial Blvd.
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : 8890.12P/N.NATOMAS P Site ID : D5-111.
Thank you for your business.

* For future reference to this analysis please use SUN # 60900-124941.

EVALUATION FOR SOIL CORROSION

Soil pH	7.99		
Minimum Resistivity	1.47	ohm-cm (x1000)	
Chloride	16.8 ppm	00.00168	%
Sulfate	61.4 ppm	00.00614	%

METHODS

pH and Min.Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422



CORROSION TEST RESULTS
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California

FIGURE	A6
DRAWN BY	TJC
CHECKED BY	MSM
PROJECT MGR	MSM
DATE	8/11
WKA NO. 8890.12P	

APPENDIX B
Guide Earthwork Specifications



APPENDIX B
GUIDE EARTHWORK SPECIFICATIONS
NORTH NATOMAS REGIONAL PARK DEVELOPMENT
Sacramento, California
WKA No. 8890.12P

PART I: GENERAL

1.1 SCOPE

a. General Description

This item shall include all clearing of surface vegetation, existing pavements and other deleterious items; preparation of surfaces to be filled, filling, spreading, compaction, observation and testing of the fill; and all subsidiary work necessary to complete the grading of roadway areas to conform with the lines, grades and slopes as shown on the accepted Drawings.

b. Related Work Specified Elsewhere

- (1) Trenching and backfilling for sanitary sewer system: Section ____.
- (2) Trenching and backfilling for storm drain system: Section ____.
- (3) Trenching and backfilling for underground water, natural gas, and electric supplies: Section ____.

c. Geotechnical Engineer

Where specific reference is made to "Geotechnical Engineer;" this designation shall be understood to include either him or his representative.

1.2 PROTECTION

- a. Adequate protection measures shall be provided to protect workmen and passers-by the site. Streets and adjacent property shall be fully protected throughout the operations.
- b. In accordance with generally accepted construction practices, the Contractor shall be solely and completely responsible for working conditions at the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and shall not be limited to normal working hours.
- c. Any construction review of the Contractor's performance conducted by the Geotechnical Engineer is not intended to include review of the adequacy of the Contractor's safety measures, in, on or near the construction site.
- d. Adjacent streets and sidewalks shall be kept free of mud, dirt or similar nuisances resulting from earthwork operations.
- e. Surface drainage provisions shall be made during the period of construction in a manner to avoid creating a nuisance to adjacent areas.
- f. The site and adjacent influenced areas shall be watered as required to suppress dust nuisance.



1.3 GEOTECHNICAL REPORT

- a. A Geotechnical Engineering Report (WKA No. 8890.12P; dated August 13, 2011) has been prepared for this site by Wallace - Kuhl & Associates, Geotechnical Engineers of West Sacramento, California [(916) 372-1434]. A copy of that report is available for review at the office of Wallace - Kuhl & Associates.
- b. The information contained in this report was prepared for design purposes only. The Contractor is responsible for any conclusions he/she may draw from this report; should the Contractor prefer not to assume such risk, he/she should employ their own experts to analyze available information and/or to make additional borings upon which to base their conclusions, all at no cost to the Owner.

1.4 EXISTING SITE CONDITIONS

The Contractor shall be acquainted with all site conditions. If unshown active utilities are encountered during the work, the Architect shall be promptly notified for instructions. Failure to notify will make the Contractor liable for damage to these utilities arising from Contractor's operations subsequent to his discovery of such unshown utilities.

1.5 SEASONAL LIMITS

Fill material shall not be placed, spread or rolled during unfavorable weather conditions. When heavy rains interrupt the work, fill operations shall not be resumed until field tests indicate that the moisture contents of the subgrade and fill materials are satisfactory.

PART II: PRODUCTS

2.1 MATERIALS

- a. Imported Fill Materials
Imported fill materials shall be approved by the Geotechnical Engineer; they shall have an expansion index not exceeding twenty (20) and shall be of three-inch (3") maximum particle size. Import materials also shall be free of known contaminants and have corrosion characteristics within acceptable limits, with appropriate documentation provided by the contractor.
- b. Local Soils
All fill shall be of approved local materials from required excavations, supplemented by imported fill, if necessary. Approved local materials are defined as local soils free from significant quantities of rubble, rubbish and vegetation, and having been tested and approved by the Geotechnical Engineer prior to use.
- c. Treated Soils
Materials to be lime-stabilized shall be on-site clayey soils free from significant quantities of rubble, rubbish and vegetation and shall have been tested and approved by the Geotechnical Engineer.
- d. Lime
Lime shall be high-calcium or dolomitic quicklime conforming to the definitions in ASTM Designation C 51. When sampled by the Geotechnical Engineer from the lime spreader or during the spreading operations, the sample of lime shall conform to the following requirements:



- 1) High-calcium quicklime shall contain not less than 113 percent (113%) calcium hydroxide $\text{Ca}(\text{OH})_2$, as determined by California Test Method 414.
- 2) Dolomitic quicklime shall contain not less than fifty-seven percent (57%) calcium oxide, CaO , and not less than ninety-five percent (95%) combined calcium oxide, CaO , and magnesium oxide, MgO , as determined by California Test 404.
- 3) When dry sieved in a mechanical sieve shaker for 10 minutes ± 30 seconds, a 250-gram test sample of quicklime shall conform to the following grading requirements:

<u>Sieve Size</u>	<u>Percentage Passing</u>
3/8"	98 - 100
No. 100	0 - 25
No. 200	0 - 15

In addition to the above, the use of alternative lime products which are of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the following requirements:

- 1) The burden of proof as to quality and suitability of alternatives shall be upon the Contractor and/or Supplier and he shall furnish test data and all information necessary, as required by the Geotechnical Engineer. Written request for alternatives, accompanied by complete data as to the quality and suitability of the material shall be made in ample time to permit testing and approval without delaying the work. The Geotechnical Engineer shall be the sole judge as to the quality and suitability of alternatives and his decision shall be final. Documentation shall be provided to the Geotechnical Engineer no later than two weeks before the alternative material is imported to the site.
- 2) Lime from more than one source or of more than one type may be used on the same project but the different limes shall not be mixed.
- 3) The lime shall be protected from moisture until used and shall be sufficiently dry to flow freely when handled.
- 4) A Certificate of Compliance in accordance with Caltrans Specification 6-1.07 shall be furnished with each delivery of lime and shall be submitted to the Engineer with a certified copy of the weight of each delivery.

e. Water

Water for use in subgrade stabilization shall be clean and potable and shall be added during mixing, remixing and compaction operations, and during the curing period to keep the cured material moist until covered.

f. Other Products

Aggregate base, asphalt concrete and related asphalt seal coats, tack coat, etc., shall comply with the appropriate provisions of the most recent State of California (Caltrans) Standard Specifications.



PART III: EXECUTION**3.1 LAYOUT AND PREPARATION**

Lay out all work, establish grades, locate existing underground utilities, set markers and stakes, set up and maintain barricades and protection of utilities--all prior to beginning actual earthwork operations.

3.2 CLEARING, STRIPPING, AND PREPARING BUILDING PAD, EXTERIOR FLATWORK, PAVEMENT, AND SYNTHETIC TURF AREAS

- a. All existing structures (including utilities) and associated backfill, pavements, landscaping, vegetation, debris, and other deleterious materials encountered during site work and deemed unacceptable by the Geotechnical Engineer, shall be removed and disposed of so as to leave the disturbed areas with a neat and finished appearance, free from unsightly debris. Excavations and depressions resulting from the removal of such items, as determined by the Geotechnical Engineer, shall be cleaned out to firm soils and backfilled with suitable materials in accordance with these specifications.
- b. Within structural areas and the area five feet beyond the building footprints, all soft and/or loose, saturated materials shall be over-excavated to firm, undisturbed native soil, as determined by the Geotechnical Engineer, and the resulting excavations shall be backfilled with suitable materials in accordance with these specifications.
- c. The surfaces receiving fill shall be stripped of vegetation; or, they shall be thoroughly disced provided that a compactable mixture of soil containing minor amounts of vegetation can be attained which is free of clumps, layers or pockets of vegetation. If proper compaction of the disturbed surface soils cannot be achieved, those materials shall be excavated, to a depth satisfactory to the Geotechnical Engineer, so that a firm base for support of engineered fill can be attained.
- d. All fill to be constructed that will be below the depth of lime treatment shall be constructed in accordance with Section 3.3 of these specifications and the surfaces receiving fill shall be prepared in accordance with the following paragraphs in this section: Section 3.2.
- e. Where saturated surface soils are located over native undisturbed soils, the subgrades may be stabilized with high-calcium or dolomitic quicklime to depths and with compactive effort meeting the satisfaction of the Geotechnical Engineer.
- f. If drying shrinkage (desiccation) cracking is present in the subgrade soils, prior to the commencement of fill construction or compaction of exposed subgrades, future construction areas shall be repeatedly watered for a period of not less than three days (assuming a dry, summer or fall construction period) and shall continue until the Geotechnical Engineer determines that saturation of the subgrades has been adequate to close the shrinkage cracks. The subgrades shall then be reworked by blading or discing to achieve a uniform moisture content.
- g. The surfaces upon which fill is to be placed shall be plowed or scarified to a depth of at least twelve inches (12"), until the surface is free from ruts, hummocks or



- other uneven features which would tend to prevent uniform compaction by the selected equipment.
- h. When the moisture content of the clayey subgrade is less than two percent (2%) over optimum, as defined by the ASTM D1557 Test Method, water shall be added until the proper moisture content is achieved.
 - i. When the moisture content of the subgrade is too high to permit the specified compaction to be achieved, the subgrade shall be aerated by blading or other methods until the moisture content is satisfactory for compaction.
 - j. After the foundations for fill have been cleared, moisture conditioned, and plowed or scarified, they shall be recompacted in place to a depth of at least twelve inches (12") to a minimum of ninety percent (90%) of the ASTM D1557 Test Method maximum dry density if these soils will not be lime stabilized.
 - k. The pavement areas shall be defined as extending at least two feet (2') beyond the edges of pavement.

3.3 CONSTRUCTION OF UNTREATED SUBGRADES

- a. The selected soil fill material shall be placed in layers which, when compacted, do not exceed six inches (6") in thickness. Each layer shall be spread evenly and shall be thoroughly mixed during the spreading to promote uniformity of material in each layer.
- b. When the moisture content of clay fill material is less than two percent (2%) over optimum moisture, as defined by the ASTM D1557 Test Method, water shall be added until the proper moisture content is achieved.
- c. When the moisture content of the fill material is too high to permit the specified degree of compaction to be achieved, the fill material shall be aerated by blading or other methods until the moisture content is satisfactory.
- d. After each layer has been placed, mixed and spread evenly, it shall be thoroughly compacted to not less than ninety percent (90%) of maximum dry density as determined by the ASTM D1557 Test Method. Compaction shall be undertaken with equipment capable of achieving the specified density and shall be accomplished while the fill material is at the required moisture content. Each layer shall be compacted over its entire area until the desired density has been obtained.
- e. The fill operations shall be continued until the fills have been brought to the slopes and grades shown on the accepted Drawings.

3.4 LIME-STABILIZED SUBGRADE CONSTRUCTION

- a. Placing Material
The material to be treated shall be placed at a moisture content at least two percent (2%) over optimum moisture as defined by the ASTM D1557 Test Method.
- b. Preparing Material
Material to be treated shall be scarified and thoroughly broken up to the full depth and width to be stabilized. The material to be treated shall contain no rocks or solids larger than one and one-half inches (1½") in maximum dimension.



c. Mixing

- 1) Lime shall be added to the material to be treated at a rate of not less than four and one half pounds (4½ lb.) of lime per cubic foot of soil treated shall be provided.
- 2) Lime shall be spread by equipment that will uniformly distribute the required amount of lime for the full width of the prepared material. The rate of spread per linear foot of blanket shall not vary more than five percent (5%) from the designated rate.
- 3) The spread lime shall be prevented from blowing by suitable means selected by the Contractor. Quicklime shall not be used to make lime slurry. The spreading operations shall be conducted in such a manner that a hazard is not present to construction personnel or the public. All lime spread shall be thoroughly ripped in, or mixed into, the soil the same day lime spreading operations are performed.
- 4) The distance which lime may be spread upon the prepared material ahead of the mixing operation will be determined by the Geotechnical Engineer.
- 5) No traffic other than the mixing equipment will be allowed to pass over the spread lime until after the completion of mixing.
- 6) Mixing equipment shall be equipped with a visual depth indicator showing mixing depth, an odometer or footmeter to indicate travel speed and a controllable water additive system for regulating water added to the mixture.
- 7) Mixing equipment shall be of the type that can mix the full depth of the treatment specified and leave a relatively smooth bottom of the treated section. Mixing and re-mixing, regardless of equipment used, will continue until the material is uniformly mixed (free of streaks or pockets of lime), moisture is at approximately two percent (2%) over optimum and the mixture complies with the following requirements:

<u>Minimum Sieve Size</u>	<u>Percent Passing</u>
1-1/2"	100
1"	95
No. 4	60

- 8) Non-uniformity of color reaction when the treated material, exclusive of one inch or larger clods, as tested with the standard phenolphthalein alcohol indicator, will be considered evidence of inadequate mixing.
- 9) Lime-treated material shall not be mixed or spread while the atmospheric temperature is below 35°F.

d. Spreading and Compacting

- 1) The treated mixture shall be spread to the required width, grade and cross-section. The maximum compacted thickness of a single layer may be determined by the Contractor provided he can demonstrate to the Geotechnical Engineer that his equipment and method of operation will provide uniform distribution of the lime and the required compacted density throughout the layer. If the Contractor is unable to achieve uniformity and density throughout the thickness selected, he shall rework the affected area using thinner lifts until a satisfactory treated



subgrade meeting the distribution and density requirements is attained, as determined by the Geotechnical Engineer, at no additional cost to the Owner.

2) The finished thickness of the lime-treated material shall not vary more than one-tenth foot (0.1') from the planned thickness at any point.

3) The lime-treated soils shall be compacted to a relative compaction of not less than ninety-two percent (92%) as determined by the ASTM D1557 Test Method.

4) Initial compaction shall be performed by means of a sheepsfoot or segmented wheel roller. Final rolling shall be by means of steel-tired or pneumatic-tired rollers.

5) Areas inaccessible to rollers shall be compacted to meet the minimum compaction requirement by other means satisfactory to the Geotechnical Engineer.

6) Final compaction shall be completed within thirty-six (36) hours of initial mixing. The surface of the finished lime-treated material shall be the grading plane and at any point shall not vary more than eight one hundredths of a foot (0.08') foot above or below the grade established by the Civil Engineer except that when the lime-treated material is to be covered by material which is paid for by the cubic yard the surface of the finished lime-treated material shall not extend above the grade established by the Civil Engineer.

7) Before final compaction, if the treated material is above the grade tolerance specified in this section, uncompacted excess material may be removed and used in areas inaccessible to mixing equipment. After final compaction and trimming, excess material shall be removed and disposed of. The trimmed and completed surface shall be rolled with steel or pneumatic-tired rollers. Minor indentations may remain in the surface of the finished material so long as no loose material remains in the indentations.

8) At the end of each day's work, a construction joint shall be made in thoroughly compacted material and with a vertical face. After a part-width section has been completed, the longitudinal joint against which additional material is to be placed shall be trimmed approximately three inches (3") into treated material, to the neat line of the section, with a vertical edge. The material so trimmed shall be incorporated into the adjacent material to be treated.

9) An acceptable alternate to the above construction joints, if the treatment is performed with cross shaft rotary mixers, is to actually mix three inches (3") into the previous day's work to assure a good bond to the adjacent work.

e. Curing

The surface of each compacted layer of lime-treated material shall be kept moist until covered by a subsequent layer of lime-treated or other material. The final layer of lime-treated material shall be kept moist for at least three (3) days after final trimming and rolling. No equipment or traffic shall be permitted on the lime-treated material during the first three (3) days of moist curing or after applying the curing seal.



3.5 FINAL SUBGRADE PREPARATION USING UNTREATED SOILS

- a. The upper twelve inches (12") of any untreated final pavement or synthetic turf subgrades shall be uniformly compacted to at least ninety-five (95%) percent of the ASTM D1557 Test Method maximum dry density, at not less than two (2) percent over the optimum moisture content.
- b. The upper twelve inches (12") of any untreated final floor slab and exterior flatwork subgrades shall be uniformly compacted to at least ninety (90%) percent of the ASTM D1557 Test Method maximum dry density, at not less than two (2) percent over the optimum moisture content.

3.6 TESTING AND OBSERVATION

- a. All grading operations, including lime-treatment of the subgrades, shall be tested and observed by the Geotechnical Engineer, serving as the representative of the Owner.
- b. Field density tests shall be made by the Geotechnical Engineer after compaction of each layer of fill. Additional layers of fill shall not be spread until the field density tests indicate that the minimum specified density has been obtained.
- c. Earthwork shall not be performed without the notification or approval of the Geotechnical Engineer. The Contractor shall notify the Geotechnical Engineer at least two (2) working days prior to commencement of any aspect of the site earthwork.
- d. If the Contractor should fail to meet the technical or design requirements embodied in this document and on the applicable plans, he shall make the necessary readjustments until all work is deemed satisfactory, as determined by the Geotechnical Engineer and the Architect/Engineer. No deviations from the specifications shall be made except upon written approval of the Geotechnical Engineer or Architect/Engineer.



APPENDIX C
Guide Drilled Cast-in-Place Concrete Pier Specifications



APPENDIX C
GUIDE DRILLED CAST-IN-PLACE CONCRETE PIER SPECIFICATIONS
NORTH NATOMAS REGINOAL PARK DEVELOPMENT

Sacramento, California
WKA No. 8890.01P

PART I: GENERAL

1.1 SCOPE

Furnish all labor, equipment, tools and materials, and perform all operations in connection with the installation of drilled cast-in-place piers in accordance with these specifications and the applicable Drawings, and subject to the terms and conditions of the contract.

1.2 QUALIFICATIONS

All piers shall be installed by a Foundation Contractor qualified to install the type of pier to be constructed in accordance with the Drawings and Specifications, and under conditions existing at the site. The minimum requirements for qualification shall be five (5) years experience and evidence of satisfactory completion of pier installations comparable in scope to the work specified hereunder and under the subsurface conditions anticipated at this site.

1.3 PROTECTION

- a. Adequate protection measures shall be provided to protect workers and passers-by the site. Streets and adjacent property shall be fully protected throughout the operations.
- b. In accordance with generally accepted construction practices, the Contractor shall be solely and completely responsible for working conditions at the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and shall not be limited to normal working hours.
- c. Any construction review of the Contractor's performance conducted by the Architect, Structural Engineer or Geotechnical Engineer is not intended to include review of the adequacy of the Contractor's safety measures, in, on, or near the construction site.
- d. Adjacent streets and sidewalks shall be kept free of mud, dirt, or similar nuisances resulting from pier drilling operations.
- e. Provide for surface drainage during the period of construction in a manner to avoid creating a nuisance to adjacent areas. Keep all surface excavations free of water during the entire progress of the work, regardless of the cause, source, or nature of the water.
- f. Stored materials and construction equipment shall be kept at least ten feet (10') away from the vertical axes of all open drilled pier shafts, at all times.
- g. Water as required to suppress dust nuisance.
- h. Work shall comply with all Municipal, State, and Federal regulations regarding safety, including the requirements of the Williams-Steiger Occupational Safety and Health Act of 1970.



1.4 GEOTECHNICAL REPORT

- a. A Geotechnical Engineering Report (WKA No. 8890.01P; dated September 13, 2011) has been prepared for this site by Wallace - Kuhl & Associates, of West Sacramento, California [(916) 372-1434]. A copy is available for review at the Architect's office or at the office of Wallace - Kuhl & Associates.
- b. The information contained in this report was obtained for design purposes only. The Contractor is responsible for any conclusions the Contractor may draw from this report; should the Contractor prefer not to assume such risk, the Contractor may employ experts to analyze available information and/or to make additional borings upon which to base conclusions, all at no cost to the Owner.

1.5 EXISTING SITE CONDITIONS

The Contractor shall become acquainted with all site conditions. If unshown active utilities are encountered during the work, the Architect shall be promptly notified for instructions. Failure to notify will make the Contractor liable for damage to these utilities arising from Contractor's operations subsequent to discovery of such unshown utilities.

PART II: PRODUCTS

2.1 MATERIALS

- a. Reinforcing steel shall be as specified in Section _____. The reinforcing steel cage shall be assembled, including centering guides, as shown on the Drawings and approved by the Engineer or his representative in sufficient time prior to completion of drilling operations to permit the assembled cage to be inserted in the completed drill hole without delay.
- b. Concrete shall be as specified in Section _____. The Contractor shall make provisions for a supply of concrete that is adequate to complete placement of any given pier in one continuous, uninterrupted operation, so as to form a monolithic concrete structural element.

2.2 EQUIPMENT, TOOLS AND LABOR

- a. The Foundation Contractor shall provide a combination of power-driven rotary type rig, bits and/or augers of the proper size to drill pier excavations to the dimensions shown on the plans; and, shall provide temporary casing of a size and type required to complete the shafts.
- b. All other materials, labor, tools and equipment necessary for the construction of any given pier in one continuous operation, shall be furnished by the Contractor.

PART III: EXECUTION

3.1 LAYOUT AND PREPARATION

Lay out all work, establish grades, locate existing underground utilities, set markers and stakes, set up and maintain barricades and protection of utilities; all prior to beginning actual drilling operations.



3.2 TOLERANCES

Pier drilling equipment shall be positioned so that the center of any pier as drilled shall be not more than three inches (3") from the required location, and no pier shall be out of plumb more than two percent (2%) as measured over the total length of the shaft. The drilled shaft of each pier shall be no smaller than shown on the Drawings. The bottom of the pier excavation shall extend to the minimum elevation(s) shown on the Drawings.

3.3 PIER DRILLING

- a. Helical or bucket auger drilling shall be used to excavate each pier.
- b. Each pier shall be drilled to the depth as shown on the plans, but no less than the depth determined by the Geotechnical Engineer at the time of construction and a minimum of five feet (5') to ten feet (10') below the lowest adjacent ground surface, depending on the bearing capacity or skin friction used in design.
- c. Temporary casing may be installed to facilitate drilling, subject to the approval of the Geotechnical Engineer.
- d. Drilling of adjacent piers shall not be performed until concrete placement has been accomplished in one of the piers and sufficient curing of the concrete has occurred, or the contractor shall install a temporary casing or provide a suitable method as approved by the Geotechnical Engineer to reduce the possibility of blowout of adjacent piers during concrete placement.
- f. Every pier excavation shall be observed for cleanliness and acceptability by the Geotechnical Engineer or his representative. Concrete and reinforcing steel shall not be placed in any pier excavation until the Geotechnical Engineer or his representative has given express approval of its suitability.
- g. No pier excavation shall be permitted to stand open for more than two (2) hours after completion.

3.4 REINFORCING STEEL PLACEMENT

Upon completion of drilling, the reinforcing steel cage shall be positioned in the pier shaft as shown on the Drawings and shall be suspended above the bottom of excavation before any concrete is placed in the shaft. In the event that difficulties are encountered in positioning the reinforcing steel cage, or if it cannot be freely rotated (after suspension) indicating caving of the excavation sides, the cage shall be removed and the hole shall be reamed sufficiently to permit the final positioning of the cage without difficulty. The top of the cage shall be braced or supported to assure that it remains concentrically aligned in the shaft excavation during placement of concrete.

3.5 GROUNDWATER PUMPING

- a. Pumping of minor groundwater immediately prior to concrete placement will be acceptable only if a coordinated procedure of drilling, steel placement, pumping and concrete placement can be achieved whereby appreciable caving of the lower soils does not occur. Determination of an acceptable procedure will be solely the responsibility of the Geotechnical Engineer.



- b. If pumping cannot be used to remove the groundwater, as determined by the Geotechnical Engineer, then tremie concrete placement methods shall be used.

3.6 CONCRETE PLACEMENT

Concrete shall be deposited by the use of an elephant trunk or other approved device when the free fall is in excess of six feet (6') and only if there is less than six inches (6") of water in the excavation. If more than six inches (6") of water exists in the pier excavation immediately prior to concrete placement, either (1) dewatering shall be accomplished subject to the limitations of Section 3.5 above, or (2) concrete shall be placed by means of tremie concrete placement methods, using a tremie pipe and associated equipment and materials approved by the Geotechnical Engineer and the Structural Engineer. Additional costs for materials, equipment and labor to use tremie concrete placement methods shall be borne by the Contractor. Concrete shall be vibrated during placement operations so as to provide a dense, monolithic concrete section throughout the full length and diameter of the pier. During and after the vibrating operation, the top of the freshly placed concrete shall be observed to see that it remains constant and that there is no appreciable drop in elevation that would signify loss of concrete through hidden voids.

3.7 TESTING

If the Geotechnical Engineer has reason to suspect that any pier may contain extraneous material or otherwise fail to meet specifications, he may order testing of the pier by coring or other methods. The Contractor shall bear the expense of the investigation and/or testing and shall also, at no cost to the Owner, install proper additional construction as required by the Engineer.

3.8 CLEANUP

The Contractor at all times shall keep the area adjacent to pier drilling operations free of accumulations of excavated material and/or rubbish and trash caused by the Contractor's employees or work. At the completion of work, the Contractor shall remove all excavated materials, trash, and rubbish from and about the area of the premises and all tools, scaffolding, and surplus materials, and shall leave the site with a clean finished appearance.

3.9 CHANGE OR SUBSTITUTIONS

No changes in any material, equipment or method of installation, or deviation from Drawings or Specifications, will be permitted without written approval of the Engineer or his representative.



Attachment B
Construction & Demolition Waste Management Plan

Construction & Demolition Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
Phone: (916) 808-0965 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Building Permit Numbers	COM-2507938
	<i>Please include all known permit numbers related to this project.</i>
Form submitted by:	Dennis Day, 916-380-8813, DDay@cityofsacramento.org
	<i>Please attach a business card or include your name with a phone number and/or an email address.</i>

This Waste Management Plan (WMP) must be submitted and approved before your building permit(s) will be issued. Only one WMP is required if a project has multiple building permits associated to it (i.e., multiple houses in a subdivision, or multiple related permits at one address). The Administration fee is 0.04% of the job valuation (min \$40, max \$800). If applicable, a security deposit of 1% of the job valuation (max \$10,000) will be required. **The accompanying Waste Log must be submitted within 30 days of final inspection (or permit expiration) of the project, or a fine may be imposed.** Approval may also be delayed if the Waste Log from a previous project is due.

Building Project Information:

Job Address: 2501 NEW MARKET DRIVE, SACRAMENTO, CA
 Contractor: TBD Phone: _____
 Address: _____ Email: _____
 Owner: City of Sacramento, Youth, Parks & Comm. Phone: 916-380-8813
 Address: 915 I Street, 3rd Flr., Sacramento CA 95814 Email: DDay@cityofsacramento.org

Briefly describe the project:

Installation of sports field lighting on fields 1, 2 and 3, the electrical conduits are in place.

Materials Required to be Recycled

65% of all debris must be recycled if generated during the course of your project. You can either **source-separate** them, which may be hauled by anyone, or mix them in one container and send the **mixed C&D debris** load to a **Certified Mixed C&D Sorting Facility**. Mixed C&D loads can only be hauled by a franchised hauler or self-hauled. Please see the Definitions section, on the next page, for more information.

65%
of all debris
must be recycled

Material Management

How the C&D debris will be stored on the project site: ☐ Mixed C&D ☐ Source-Separated

Company to haul away debris: Contractor to be provide prior to construction.

Facilities to receive debris: Contractor to provide prior to construction.

Waste Log and tickets must be submitted within 30 days of permit being finalized.

Office Use Only:	Approved by: <u>Margaret Kashuba</u>	On date: <u>5/7/2025</u>
		\$300.00

Construction & Demolition Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
Phone: (916) 808-0965 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Definitions

Please read and understand these terms. Call Recycling & Solid Waste (RSW) at (916) 808-0965 if these terms are not clear to you. More information is also available online at <http://www.cityofsacramento.org/public-works/RSW/Collection-Services/Recycling/Construction-and-Demolition>.

1. **Self-haul or self-hauling:** This is when the permit holder, general contractor, or a subcontractor who is doing work on the project hauls their own waste materials for recycling or disposal. Note that a jobsite cleanup crew is not doing other work on the project and is not self-hauling. Jobsite cleanup crews **must** be franchised in order to haul mixed C&D debris away.
2. **Franchised hauler:** See a list provided at <https://swa.saccounty.net/Pages/Franchisee-Listing.aspx>. These companies are the only companies in Sacramento who can legally collect and haul mixed C&D debris.
3. **Source separation:** This is achieving compliance with the recycling requirement by keeping wood, metal, cardboard, or other recyclables in separate containers. Source-separated material may be hauled by anyone.
4. **Mixed C&D debris:** This is achieving compliance with the recycling requirement by putting all recyclable debris into one container. Mixed material must be sent to a certified mixed C&D sorting facility to have the recyclable material extracted and recovered. Mixed material also must be either self-hauled, or hauled by a franchised hauler. If your job site is crowded, this option saves the most space.
5. **Certified Mixed C&D Sorting Facility:** See list at <https://swa.saccounty.net/Pages/CDDebrisSortingFacilities.aspx>. These facilities have been certified by the Sacramento Regional Solid Waste Authority to extract recyclable materials from mixed C&D debris. If you achieve compliance by mixed recovery, your debris must go to a certified mixed sorting facility.

Terms and Conditions

- Your approved Waste Management Plan and Waste Log must be kept on the job site in the permit folder for the duration of the project.
- City of Sacramento staff may enter the jobsite to inspect waste collection areas.
- Only SWA-Certified Mixed C&D Sorting Facilities may be used to recycle these materials if mixed with other materials.
- Only SWA-Franchised Haulers or self-haulers (as defined above) may collect and transport trash or mixed C&D material from the jobsite.
- Construction and Demolition Debris may not be burned or dumped illegally.
- Your Waste Log must be completed and submitted within 30 days of your permit being finalized or expired. All waste hauling and disposal or recycling activity must be entered on the Waste Log, including information from any subcontractors who self-hauled their own debris off-site. Enter your Permit Number on your Waste Log now!
- You must keep all receipts or weight-tickets from your project for a period of one year from the submittal of your waste log.

Failure to comply with these terms and conditions may result in a fine and a security deposit on future projects.

Construction & Demolition Waste Log

C&D Debris Waste Management Plan
City of Sacramento Recycling and Solid Waste
Phone: (916) 808-0965 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Building Permit Numbers: COM-2507938 (NORTH NATOMAS REG. PARK)

Please include all known permit numbers related to this project.

This Waste Log must be submitted to Recycling & Solid Waste within 30 days of the building permit being finalized (or expired). This Waste Log, and the supporting weight tickets, must also be kept on file for one year after project completion.

Date	Hauler	Material	Destination	Weight*

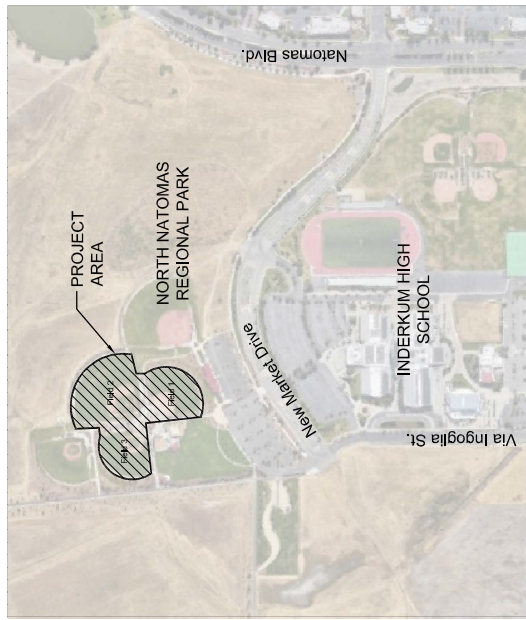
Hauler: Indicate the Franchisee, Self-Hauler or other hauler who removed the material offsite.
Material: Indicate appropriate category: Scrap Metal, Inert Materials, Cardboard, Wooden Pallets, or Clean Wood Waste.
Destination: Indicate the facility that received the material for disposal or recycling
*** Weight:** Indicate the weight. If weight is not known, put volume. Example: "3.2 tons" – or – "10 yards"

Office Use Only: Received by: _____ On date: _____
 Total Diversion: _____%

Construction Plans for:
NORTH NATOMAS REGIONAL PARK
FIELDS 1 - 3 LIGHTING

May 2, 2025

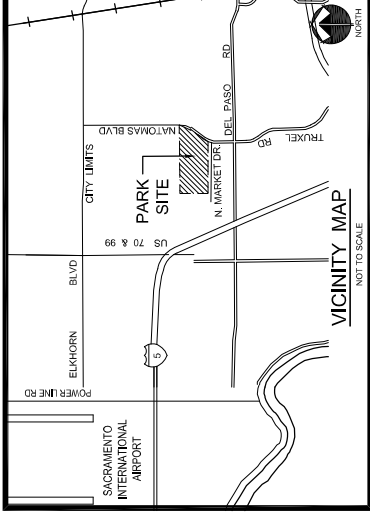
Site Address: 2501 New Market Drive
Project Number: L19140700
Parcel No. 225-0040-090-0000
Disturbed Area: 1,800 s.f.



LOCATION MAP
NOT TO SCALE

PROJECT GENERAL NOTES

- COORDINATION OF CONTRACT DOCUMENTS: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- TRAFFIC CONTROL REQUIREMENTS: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- EXISTING FACILITIES: REFER TO SECTION 13 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- LOCATION AND PROTECTION OF EXISTING UTILITIES: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- PERMANENT SURVEY MONUMENTS: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- IF HUMAN REMAINS ARE ENCOUNTERED, ALL WORK IN THE AREA SHALL STOP IMMEDIATELY AND THE SACRAMENTO COUNTY CORONER'S OFFICE SHALL BE NOTIFIED IMMEDIATELY. IF THE REMAINS ARE IDENTIFIED AS HUMAN, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE NATIVE AMERICAN HERITAGE COMMISSION AND ANY IDENTIFIED DESCENDANTS MUST BE NOTIFIED AND RECOMMENDATIONS FOR TREATMENT SOLICITED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- TRENCH SAFETY PLANS: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- PROTECTION OF WORK, PERSONS AND PROPERTY: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- RECORD DRAWINGS: REFER TO SECTION 6-10 FOR REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION.



TITLE	SHEET NO.
COVER SHEET	L1
PATH OF TRAVEL PLAN	L2
ELECTRICAL PLANS	E0.0 - E5.0
BULL PEN DEMOLITION/IRRIGATION PLAN	L3
BULL PEN LAYOUT PLAN	L4
CONSTRUCTION DETAILS	L5

Additive Alternate Bid Item:
A1 - Field 1 Bull Pens to Construct (including clearing & grubbing, excavation grading, irrigation modifications, concrete mow strip and walkways, 6 chain link fencing, decomposed granite and home plates and pitcher's rubbers).

APPLICABLE CODES:
2022 CALIFORNIA BUILDING CODE (CBC) WITH CITY OF SACRAMENTO AMENDMENTS
2022 CALIFORNIA PLUMBING CODE (CPC) WITH CITY OF SACRAMENTO AMENDMENTS
2022 CALIFORNIA ELECTRICAL CODE (CEC) WITH CITY OF SACRAMENTO AMENDMENTS
ADA TITLE 102 CFR PART 55 & 2010 ADA AS APPLICABLE TO STATE & LOCAL GOVERNMENT SERVICES, PROGRAMS & ACTIVITIES

CITY REPRESENTATIVE:
DENNIS DAY, PROJECT MANAGER/ LANDSCAPE ARCHITECT #4386
YOUTH, PARKS AND COMMUNITY ENRICHMENT
915 I STREET, 3rd FLOOR, SACRAMENTO, CA 95814
TELEPHONE: (916) 380-4813; EMAIL: DDAY@CITYOFSACRAMENTO.ORG

APPROVED BY:

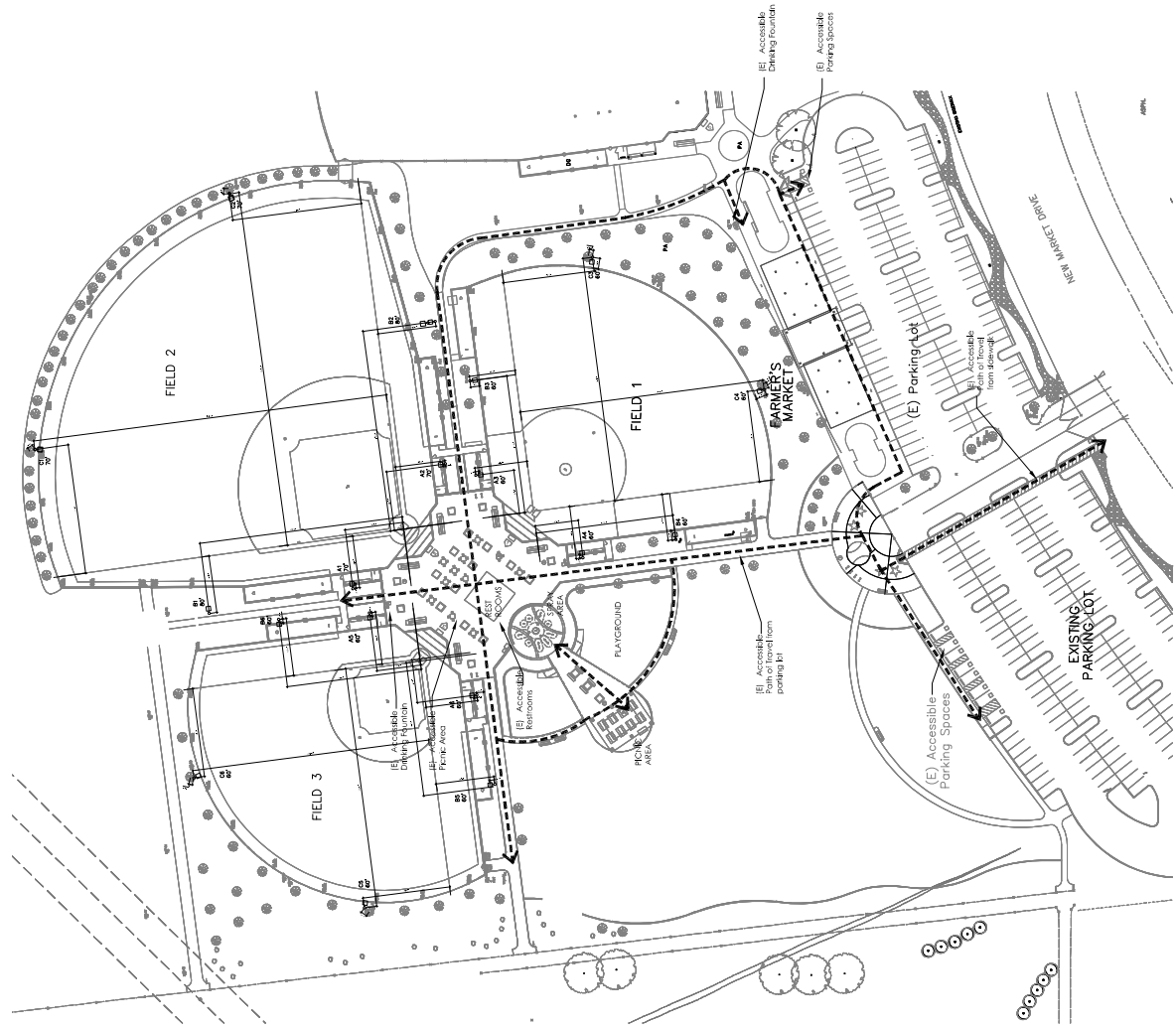
JASON WEISEMANN, PARK PLANNING & DEVELOPMENT MANAGER
YOUTH, PARKS AND COMMUNITY ENRICHMENT DEPARTMENT

DENNIS DAY, SENIOR LANDSCAPE ARCHITECT
YOUTH, PARKS AND COMMUNITY ENRICHMENT DEPARTMENT



1. **City of Sacramento County Development Dept. (CDCD)** will be responsible for the accessibility, review and posting process in Appendix of the Building Order Manual. The City of Sacramento Public Works Dept. (PWP) will continue to inspect for the accessible route, accessible parking and other site items.
2. **Path of Travel (POT)** is indicated to a barrier free access without any abrupt vertical changes exceeding 1/4" of 12 linear feet. Any vertical changes to not exceed 3" per foot (1/8" per 1" or 1/4" per 1' 0" maximum). The maximum slope of the ramp shall not exceed 1:12. The maximum cross slope shall be 5% max. In the case of a tactile, low curb the cross slope shall be flatter than 1:48 (1/4" per 3" maximum). At least one acceptable aisle width (minimum) of 5'0" shall be provided from the public way, acceptable parking, and accessible route, to a door of a facility (see Appendix B).
3. **Path of Travel (POT)** is indicated to a barrier free access without any abrupt vertical changes exceeding 1/4" of 12 linear feet. Any vertical changes to not exceed 3" per foot (1/8" per 1" or 1/4" per 1' 0" maximum). The maximum slope of the ramp shall not exceed 1:12. The maximum cross slope shall be 5% max. In the case of a tactile, low curb the cross slope shall be flatter than 1:48 (1/4" per 3" maximum). At least one acceptable aisle width (minimum) of 5'0" shall be provided from the public way, acceptable parking, and accessible route, to a door of a facility (see Appendix B).
4. **Design Professional Informed Change Statement.** The POT identified in their construction documents shall be maintained. The POT shall be maintained and structural repairs for the POT shall be required for alterations, addition and structural repairs. As part of the design of the project, the POT was determined, and any elements, components or portions of the POT that were determined to be in conflict with the applicable code requirements were identified and resolved. The POT compliance has been included within the scope of this project, work, through design, drawings and specifications, incorporated into these construction documents. Any noncompliant elements, components or portions of the POT that were identified in the design documents, but not resolved through design, drawings and specifications, are indicated in these construction documents.
5. During contract execution, if POT items within the scope of the project represented in BCR compliance are found to be non-compliant, the contractor shall be responsible for the correction. The contractor shall be responsible for the correction beyond reasonable contract tolerances, the items shall be brought into compliance with the

- No trees will be removed due to the installation of the sports field lights and foundations.
- The attention to the center of the light pole location is the distance from the baseball field light and jet station. The dimension to existing trees and concrete wall are approximate.
- Do not use these symbols for the sports light pole location. Light pole reference # and light sheets refer to the Equipment List for the Muncie lights. For each Sports light as shown on light sheets EA1, EA2 and EA3. Refer to sheet C11 City Support Foundation plan for more information on the pole height and embankment depth.



**Know what's below.
Call before you dig.**

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VISIT JOB SITE AND VERIFY CONDITIONS BEFORE BIDDING.
- 2. COORDINATE SEQUENCE OF WORK WITH OWNER. MAKE ALL NECESSARY CONNECTIONS AS REQUIRED TO MAINTAIN POWER DURING THE STAGES OF WORK.
- 3. EXISTING DEVICES SHOWN WERE TAKEN FROM EXISTING DRAWINGS (NOT "AS BUILT" DRAWINGS) AND LIMITED SITE SURVEYS AND MAY NOT BE EXACTLY AS SHOWN. CONTRACTOR SHALL VISIT JOB SITE AND VERIFY CONDITIONS PRIOR TO BIDDING.
- 4. REFER TO THOSE DRAWINGS SHOWING OTHER WORK, AND COORDINATE PLACEMENT OF WORK WITH THAT OF OTHER CONTRACTORS. ANY CONFLICTS OR INTERFERENCE PRIOR TO INSTALLING WORK, ADJUST WORK AS DIRECTED BY ARCHITECT.
- 5. EXISTING DEVICES SHOWN WITH INCOMPLETE OR WITHOUT OWNER'S PERMISSION SHALL BE RELOCATED OR REMOVED. OWNER, CONTRACTOR SHALL RELOCATE EXISTING BRANCH CIRCUITRY AND MAKE ALL NECESSARY RECONNECTIONS AS REQUIRED TO FACILITATE REMODEL. VERIFY ALL WORK REQUIRED ON THE JOB AND RECORD ON RECORD DRAWINGS.
- 6. ALL EQUIPMENT INSTALLED OR CONNECTED BY THE CONTRACTOR SHALL BE LABELED OR CERTIFIED FOR ITS USE BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
- 7. UNLESS OTHERWISE INDICATED, ALL 20 AMP 120 OR 277 VOLT BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRALS, DO NOT SHARE NEUTRALS.
- 8. CONTRACTOR SHALL COMPLETE PANEL CIRCUIT DIRECTORY, IDENTIFYING CIRCUIT SPECIFIC PURPOSE, LOCATION AND ROOM NUMBERS.

SHEET	DESCRIPTION
E0.0	SYMBOLS, LEGEND AND DRAWING INDEX
E0.1	TITLE 24 OUTDOOR LIGHTING
E0.2	TITLE 24 OUTDOOR LIGHTING
E1.0	OVERALL AND ENLARGED SITE PLAN
E2.1	SPORTS FIELD #1 - LIGHTING PLAN
E2.2	SPORTS FIELD #2 - LIGHTING PLAN
E2.3	SPORTS FIELD #3 - LIGHTING PLAN
E3.0	ONE LINE DIAGRAM
E4.1	VENDOR MUSCO LIGHTING PHOTOMETRICS - SPORTS FIELD #1
E4.2	VENDOR MUSCO LIGHTING PHOTOMETRICS - SPORTS FIELD #2
E4.3	VENDOR MUSCO LIGHTING PHOTOMETRICS - SPORTS FIELD #3
E5.0	ELECTRICAL DETAILS AND PANEL SCHEDULE

STANDARD ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
	POLE MOUNTED LUMINAIRE (BY MUSCO).
	(E) PATHWAY POLE MOUNTED LUMINAIRE.
	DISTRIBUTION PANEL/MOTOR CONTROL CENTER.
	BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED.
	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE, MOUNTED +18" ABOVE FINISHED FLOOR TO CENTER OF BOX WITH GROUND FAULT INTERRUPTER.
	JUNCTION BOX, SIZE AND TYPE AS INDICATED OR REQUIRED.
	FUSED DISCONNECT SWITCH WITH CLASS 'R' DUAL ELEMENT FUSES, SIZE TO SUIT EQUIPMENT NAME PLATE RATING. NUMBER ADJACENT INDICATES AMPERE RATING OF SWITCH.
	EXISTING.
	NEW.
	DEMOLISH.
	NUMBERED NOTE.
	RACEWAY INSTALLED IN CEILING OR WALL. ROUTE EXPOSED IN ALL UNFINISHED AREAS.
	EXISTING CONDUIT RUN TO BE ABANDONED. CONDUIT ABOVE THE FLOOR AND BELOW THE STRUCTURE ABOVE SHALL BE REMOVED.
	EXISTING CONDUIT RUN, VERIFY ROUTING ON THE JOB.
	REMOVE (E) WIRE PULL NEW WIRES. #12 AWG UNLESS NOTED.
	ARROW AT END OF RACEWAY INDICATES HOME RUN TO RESPECTIVE PANELBOARD OR SWITCHBOARD.
	BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A 2 #12 AWG CIRCUIT WITH 1 #12 AWG GROUND.
	STRAIGHT CROSS-LINES IN BRANCH CIRCUIT RACEWAY INDICATE NUMBER OF #12 AWG WIRES IN A CIRCUIT. SHORT LINES INDICATE UNGROUNDED CONDUCTORS, LONG LINES INDICATE NEUTRAL CONDUCTORS. WIRES SHOWN ARE IN ADDITION TO 1 #12 AWG GROUNDING CONDUCTOR.
	BRANCH CIRCUIT WITH GROUNDING WIRE LARGER THAN #12 AWG. NUMBER ADJACENT TO CURVED CROSS-LINE INDICATES WIRE SIZE.



ecom ENGINEERING
1445 JEFFERSON ST. SUITE 1140
SACRAMENTO, CA 95811-5600
PH: 916.411.3500
WWW.ECOMENG.COM

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Job No. 1103.00 P.N. C.C.
DESIGNED BY: ECOM
DRAWN BY: ECOM



Outdoor Lighting Mandatory Measures:	
1.1.1.1	ALL OUTDOOR LIGHTING CONTROLS AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
1.1.1.2	ALL LIGHT SOURCES SHALL MEET THE APPLICABLE REQUIREMENTS OF 130.9.
1.1.1.3	GENERAL LUMINAIRE REQUIREMENTS
1.1.1.3.1	ALL LUMINAIRES SHALL BE ACTION-LABELLED PER 130.9(a).
1.1.1.3.2	ALL LUMINAIRES SHALL MEET THE REQUIREMENTS OF 130.9(b).
1.1.1.4	ALL OUTDOOR LIGHTING SHALL BE INDEPENDENTLY CONTROLLED FROM OTHER ELECTRICAL LOADS AND SHALL HAVE THE FOLLOWING FEATURES:
1.1.1.4.1	CONTROL OF LIGHTING BY DAYLIGHT IS PROHIBITED
1.1.1.4.2	1. AUTOMATIC SCHEDULING CONTROLS
1.1.1.4.2.1	A. AUTOMATIC SCHEDULING CONTROLS SHALL BE INSTALLED FOR ALL OUTDOOR LIGHTING.
1.1.1.4.2.2	B. LIGHTING SHALL BE TURNED OFF AT LEAST 30 MINUTES AND NO MORE THAN 30 MINUTES AFTER THE LAST OCCUPANT DEPARTS THE BUILDING.
1.1.1.4.2.3	C. UNOCCUPIED SCHEDULING AT LEAST TWO NIGHTTIME PERIODS WITH INDEPENDENT LIGHTING LEVELS (DAY INCLUDE DUSK) OF NO MORE THAN 2.

California Air Resources Board
Outdoor Lighting
CERTIFICATE OF COMPLIANCE

Project Name: NORTH NORTON REGIONAL PARK, SPORTS FIELD LIGHTING
 Project Address: 10000 NORTON AVENUE, NORTH NORTON, CA 95063
 Date of Approval: 2/22/2016

CALIFORNIA AIR RESOURCES BOARD
 1000 N. STANFORD AVENUE
 SACRAMENTO, CA 95833
 Phone 916 227-1272
 Fax 916 227-1273
 E-mail: info@calair.org

DOCUMENTATION AIRBORN'S DECLARATION STATEMENT

I certify that this certificate of Compliance documentation is accurate and complete.

 AIRBORN'S SIGNATURE

 CONTRACT NUMBER

 CONTRACT DESCRIPTION

 ADDRESS

 CITY, COUNTY, STATE, ZIP + 4

 PHONE

 FAX

 E-MAIL

RESPONSIBLE PERSON'S DECLARATION STATEMENT

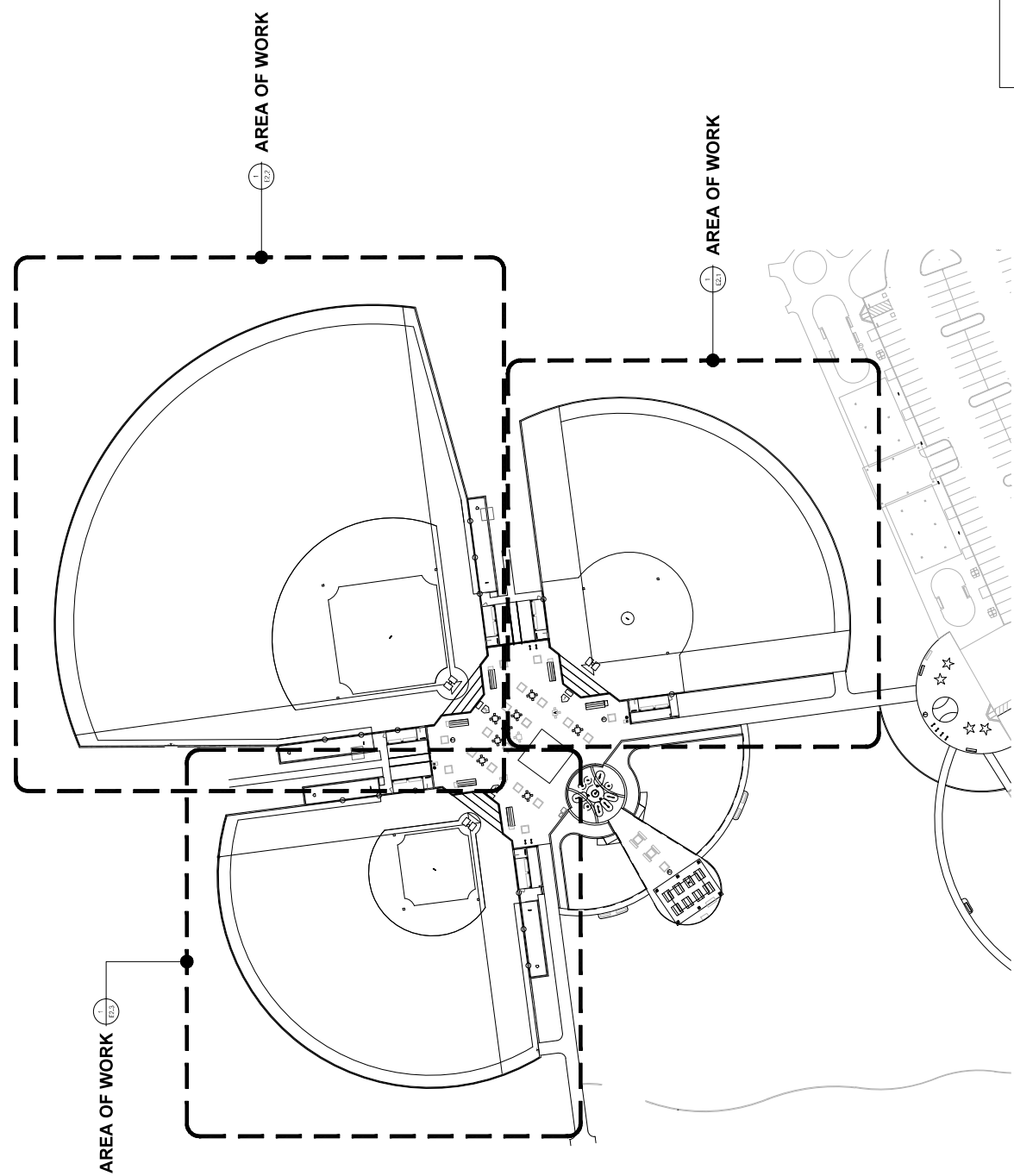
I certify the following under penalty of perjury under the laws of the State of California:

GA Building Energy Efficiency Statistics, 2022 Nonresidential Compliance
Generated Date/Time: 2/2/2023 12:00:00 PM
Report Path: \\nrcs\reports\ga\2022\20220202120000PM
Reported On: 2/2/2023 12:00:00 PM
Report Generated By: J. S. Givens
Execution Software: Energy Code 4.0

811
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ecom
ENGINEERING
1445 J STREET, SUITE 100
SACRAMENTO, CA 95811
916.441.3600
WWW.ECOMENG.COM
JOB NO. 1103.00 P.N. C.C.
DESIGNED C.C.
DRAWN BY ECOM

Professional Engineer Seal:
DENISE L. WILSON
ELECTRICAL
No. E 02982
EXPIRATION DATE 12/31/2025
STATE OF CALIFORNIA

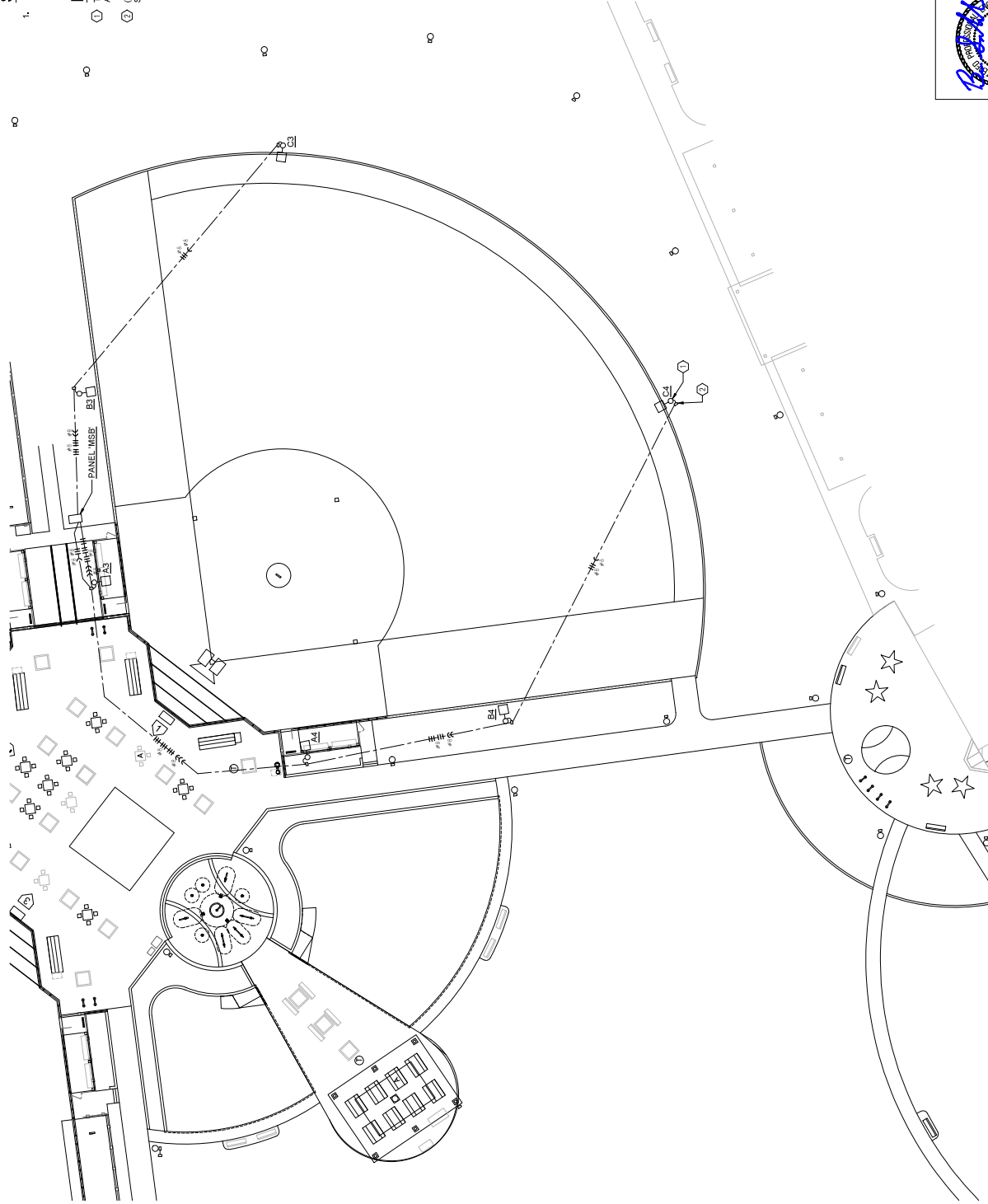


1 OVERALL SITE PLAN - ELECTRICAL
SCALE: 1"=40'-0"

SHEET NOTES
SEE MUSCO DRAWINGS E4.1 FOR FIXTURE SCHEDULE
AND PHOTOMETRICS.

NUMBERED NOTES

- ① TYPICAL ALL NEW MUSCO POLE FIELD LIGHTING IS AT 480V.
- ② (E) 110 PULL BOX TYPICAL AT ALL POLE/ FIXTURES. SEE DETAIL #3 SHEET E5.0.



1 SPORTS FIELD #1 - LIGHTING PLAN
SCALE: 1"=20'-0"



Know what's below.
Call before you dig.

1425 ARDENWOOD AVENUE, SUITE 140
SACRAMENTO, CA 95815
916.441.5600
WWW.ECOMENG.COM
JAN 11, 2011
P.L. C.C.
DESIGNED C.C.
DRAWN BY ECOM



SHEET NO.
E2.1 of

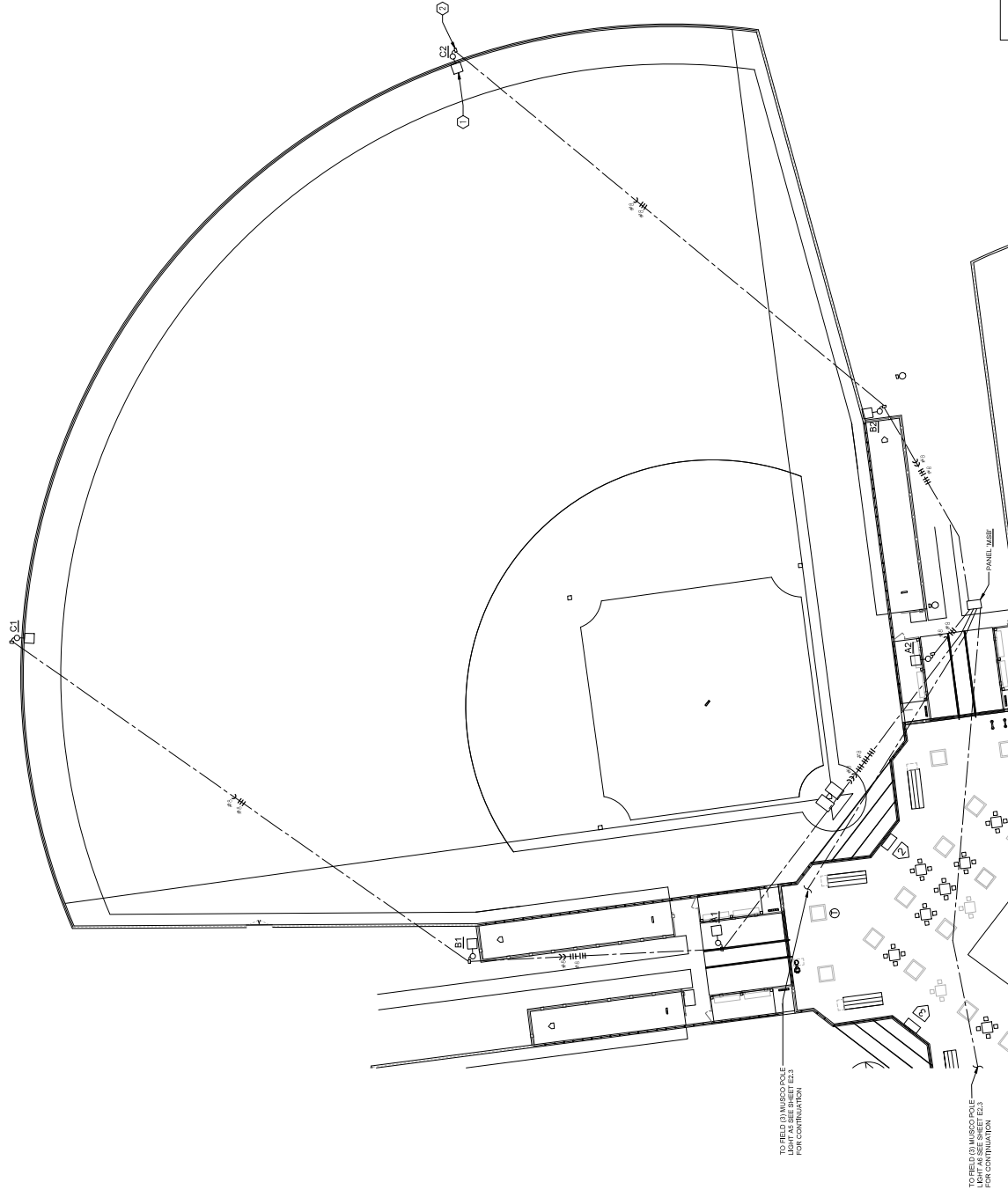
**North Natomas Regional Park
Sports Field Lighting & Dugouts**
SPORTS FIELD #1 - LIGHTING PLAN

LANDSCAPE ARCHITECT	DATE	10/24/2010
DESIGN BY/DRAWN BY	SCALE	AS SHOWN
ECOM	P. N.	11/19/2010
REVISIONS		

City of SACRAMENTO
Youth, Parks, & Community Development
PARK PLANNING & DEVELOPMENT SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814

SHEET NOTES
1. SEE MUSCO DRAWINGS E42 FOR FIXTURE SCHEDULE AND PHOTOMETRICS.

NUMBERED NOTES
① TYPICAL ALL NEW MUSCO POLE FIELD LIGHTING IS AT 480V.
② (E) IS PULL BOX TYPICAL AT ALL POLE/FIXTURES. SEE DETAIL IN SHEET E50.



1 SPORTS FIELD #2 - LIGHTING PLAN
SCALE: 1"=20'-0"

ecom
ENGINEERING
1445 S. BRIDGES AVENUE, SUITE 140
SACRAMENTO, CA 95815
916.441.5600
WWW.ECOMENGINEERING.COM



Know what's below.
Call before you dig.

JOB NO. 1103.00 PM, C.C.
DESIGNED BY C.C.
DRAWN BY ECOM



SHEET NO.
E2.2 of

**North Natomas Regional Park
Sports Field Lighting & Dugouts**
SPORTS FIELD #2 - LIGHTING PLAN

LANDSCAPE ARCHITECT
DATE: MARCH 2022
SCALE: AS SHOWN
P. N. 1103.00
REVISIONS
DESIGN BY/DRAWN BY
ECON

City of SACRAMENTO
Youth, Parks, & Community Development
PARK PLANNING & DEVELOPMENT SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814

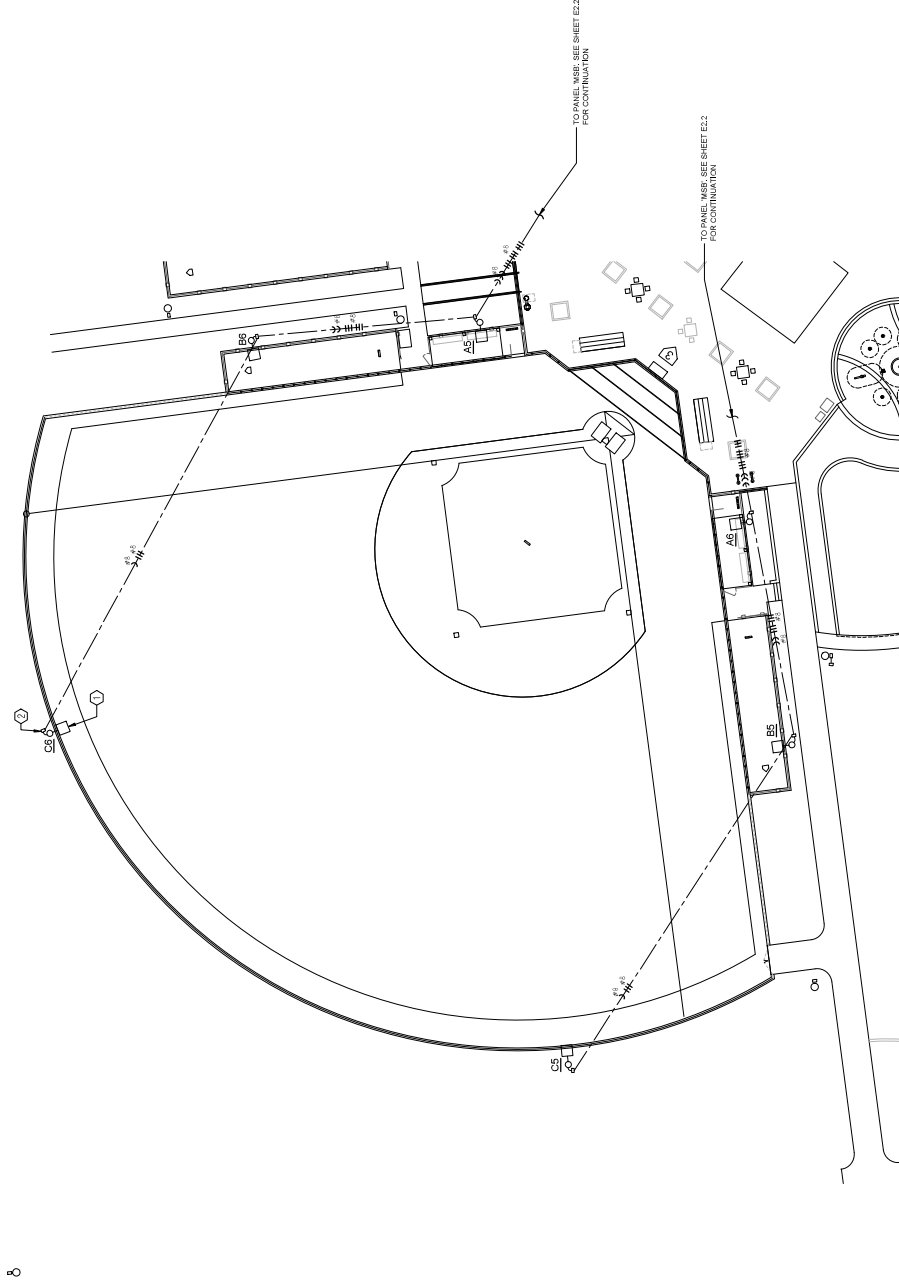
SHEET NOTES

1. SEE MUSCO DRAWINGS E43 FOR FIXTURE SCHEDULE AND PHOTOMETRICS.

NUMBERED NOTES

- ① TYPICAL ALL NEW MUSCO POLE FIELD LIGHTING IS AT 480V.
- ② (E) IN PULL BOX TYPICAL AT ALL POLE/FEATURES. SEE DETAIL #3 SHEET E50.

① (E)
TYPICAL



1 SPORTS FIELD #3 - LIGHTING PLAN
SCALE: 1"=20'-0"

ecom
ENGINEERING
1425 J STREET, 3RD FLOOR, SACRAMENTO, CA 95814
916.441.5600
WWW.ECOMENGINEERING.COM
JOB NO. 1103.00 P.M. C.C.
DESIGNED BY C.C.
DRAWN BY ECOM



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Call before you dig.



SHEET NO.
E2.3 of

North Natomas Regional Park
Sports Field Lighting & Dugouts
SPORTS FIELD #3 - LIGHTING PLAN

LANDSCAPE ARCHITECT
DATE 04/27/2020
SCALE AS SHOWN
DESIGN BY/DESIGNED BY ECOM
P. N. 11/14/2020
REVISIONS

City of
SACRAMENTO
Youth, Parks, & Community Development
PARK PLANNING & DEVELOPMENT SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814



1 VENDOR (MUSCO) LIGHTING PHOTOMETRICS - SPORTS FIELD #1

ECOM ENGINEERING
1425 ARDEN BLVD., SUITE 140
SACRAMENTO, CA 95815
916-441-3500
WWW.ECOMENG.COM

Professional Engineer
No. E 02982
Exp. 12/31/2024
WILLIAM ISMINGER

Job No. 1103.00 P.N. C.C.
DESIGNED C.C.
DRAWN BY ECOM



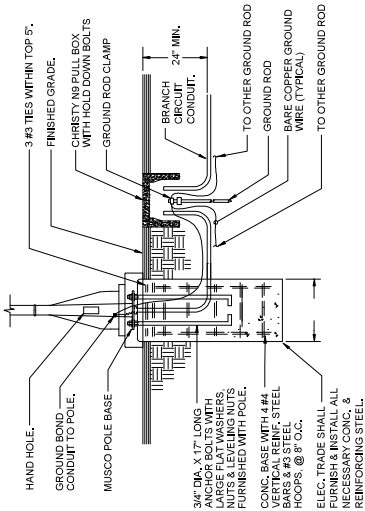
1 VENDOR (MUSCO) LIGHTING PHOTOMETRICS - SPORTS FIELD #3

811
Know what's below. Call before you dig.

ECOM ENGINEERING
1425 ARDEN BLVD., SUITE 140
SACRAMENTO, CA 95815
916.441.5600
WWW.ECOMENGINEERING.COM

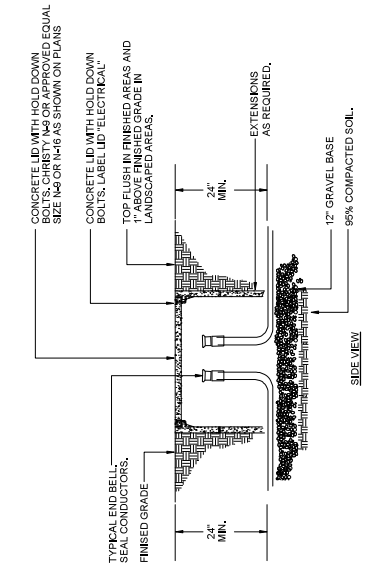
Professional Engineer
No. E 10282
Exp. 12/31/2024

Job No. 1103.00 **PL C.C.**
DESIGNED C.C.
DRAWN BY ECOM



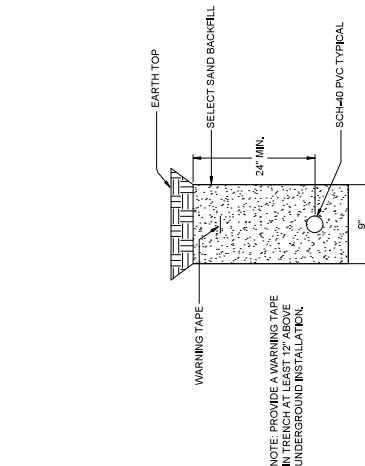
POLE LIGHT DETAIL

NO SCALE



PULL BOX DETAIL

NOT AT SCALE



UNDERGROUND CONDUIT TRENCH DETAIL

NO SCALE

LOAD CENTER - 'MSB'									
NO.	CONDUCTOR	SIZE	TYPE	LENGTH	WEIGHT	RESISTANCE	REACTANCE	IMPEDANCE	ADDITIONAL FEATURES
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ecom
ENGINEERING
1425 ARDEN BLVD. SUITE 140
SACRAMENTO, CA 95815
916.441.5600
WWW.ECOMENG.COM

811
Know what's below,
Call before you dig.

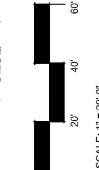
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEER
No. E 02982
EXPIRATION DATE 12/31/2024
JANUARY 1, 2025

SHEET NO. **E5.0** of

City of SACRAMENTO
Public Works & Community Enhancement
PARK PLANNING & DEVELOPMENT SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814

North Natomas Regional Park
Sports Field Lighting & Dugouts
ELECTRICAL DETAILS AND PANEL SCHEDULE

LANDSCAPE ARCHITECT
DATE: MARCH 2025
SCALE: AS SHOWN
P. N. 119142700
REVISIONS
DESIGN BY: DRAWN BY: ECOM



1000000

1. Contact USA at 811 for verification and field location of all existing underground utilities prior to any landscape construction.
2. Adjust all existing utility structures to proposed grades as shown on plan.
3. Walkways and sidewalk cross slopes shall be no less than 1%, not exceed 7.6%, and shall exceed a 4.5% slope longitudinally except at specified locations. Slopes shall be rounded at all transitions. Slopes shall be maintained throughout the life of the project. The Contractor shall ensure that this condition cannot be met. Contact the Landscape Architect and City of Sacramento Department of Youth Parks & Community Enrichment if any discrepancies occur in the field.
4. All existing improvements and facilities of neighboring properties shall be protected and shall not be disturbed except as required by the construction of the project. The Contractor shall be responsible for the construction of proposed facilities close to the construction of proposed improvements. The necessary repairs will be at the expense of the Contractor.
5. All grading shall be done in accordance with City of Sacramento Standards. The Contractor shall perform all clearing, demolition, removal of obstructions and site preparation necessary for the proper execution of all work contained in the Contract Documents.

work. The locations of utilities, structures and

1. This design is diagrammatic. All piping, valves, etc., shown within paved areas are for design clarification only. Install piping and valves in planting areas where possible, and locate electric control and quick coupling valves in ground cover/shrub areas, 6" to 12" away from edge of sidewalk for easy access.
2. For additional information, see project details and specifications.
3. Lateral lines shall be PVC Class 200 pipe with schedule 80 end-to-end fittings, with a minimum, 18" cover.

--

Demolition Key Notes

1. **Asbestos and Lead Contamination:** Demolition projects often encounter asbestos and lead. Refer to **Chapter 16** for lead testing procedures. Special care must be taken throughout the **entire** project.
2. **Temporary Construction Access:** Establish a clear path for heavy machinery to enter and exit the site. Maintain adequate clearance for trucks and equipment.
3. **Remove existing trees, with stump and roots** is one of 7' tall below grade City: 3".
4. **Excavation and Foundation Removal:** Excavate the foundation and any existing footings. Remove all debris and backfill with compacted material.
5. **Building & Chain the structure with 12" more cuts to remain, preserve and protect.**
6. **Excavate concrete walls to remain and protect.**
7. **Excavate existing walls to remain, and protect.**
8. **Adjust existing irrigation, valve boxes or electrical panel boxes to new grade, with new back grass.**

Demolition Key Notes

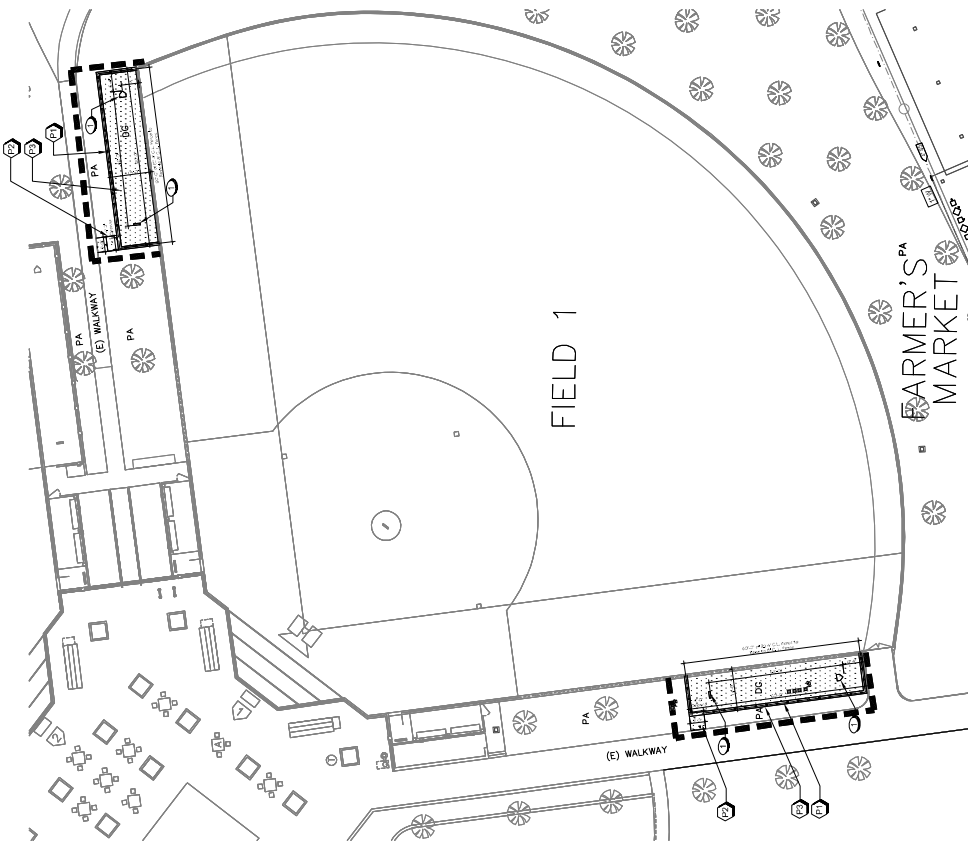
1. **Clear and grub** existing ball bulk and weed bases for construction of new ball pits and concrete slabs. Refer to drawing for location. Spread ball bulk throughout the latter area.
2. **Place** interlocking construction fence around work area as shown. Keep main walkways clear, to maintain a pedestrian and maintenance route.
3. **Remove** existing trees, with stumps and roots to a min. of 2 feet below grade. City: 3.
4. **Excavate** 8' chain link fencing with 12" wood curb to remain, preserve and protect.
5. **Excavate** concrete walk to remain and protect.
6. **Excavate** concrete walk to remain and protect.
7. **Excavate** catch basin to remain, and protect.
8. **Adjust** any existing irrigation valve boxes or electrical pull boxes to new grade within new ball pits.

Layout Legend	
SYM	DESCRIPTION
	SCORE LINE PER DETAIL 41.5.
	EXPANSION JOINT PER DETAIL 41.5.
	ASPHALT PAVING PER DETAIL 41.5.
	NEW 6" HIGH CHAIN LINK FENCE PER DETAIL 41.5.
	PLANTING AREA
	TEMPORARY CONSTRUCTION FENCE REFER TO SPECIFICATIONS.
	ALIGNMENT OF EXISTING TO PROPOSED ELEMENT

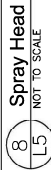
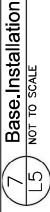
Paving Schedule			
Key	Description	Color	Finish
	1/2" Wet Concrete	Grey	Wet. Broom
	4" Concrete Slabwork	Grey	Wet. Broom
	Stabilized Decomposed Paving (CDG 2" AB)	Grey	Wet. Broom

Equipment Legend	
	BASERAIL BASES - PATTERSON WILLIAMS ATHLETIC MFG. CO. 4WAY FITTING RUBBER, MODEL # 45 TAC - HOME PLATE WITH ANCHOR, MODEL # 850425, AVAILABLE THROUGH DAVID KNEPPE CO., 255 WHITMAN (925) 283-4400, CITY, 2 EACH.

- ### Layout Notes
- REFER TO CITY OF SACRAMENTO FIELD BOOK 14018, PAGE 17, 122710 FOR NATOMAS REGIONAL PARK TOPOGRAPHIC SURVEY.
 - HORIZONTAL CONTROL POINTS CALIBRATION BASED ON PROPOSED CITY OF SACRAMENTO TOPOGRAPHIC SURVEY. VERTICAL CONTROL POINTS CALIBRATION BASED ON PROPOSED CITY OF SACRAMENTO TOPOGRAPHIC SURVEY. VERTICAL CONTROL POINTS CALIBRATION BASED ON PROPOSED CITY OF SACRAMENTO TOPOGRAPHIC SURVEY.
 - WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. ALL FIELD ADJUSTMENTS MUST BE APPROVED BY THE INSPECTOR PRIOR TO INSTALLATION. ALL DIMENSIONS SHALL BE MEASURED TO THE CENTER OF THE WALKWAY OR CENTER POINT OF RADIUS. CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS BETWEEN POINT STATIONS ALONG WALKWAY.
 - VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK. NOTIFY INSPECTOR IF THERE ARE SUBSTANTIAL DISCREPANCIES.
 - RESURFACING SHALL BE DONE IN SECTIONS. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED WITHIN 24 HOURS OF POURING. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED WITHIN 24 HOURS OF POURING. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED WITHIN 24 HOURS OF POURING.
 - SLEEVING SHALL BE INSTALLED PRIOR TO PLACING CONCRETE WORK.
 - ALL MATERIALS & FINISHES SHALL BE AS PER DRAWINGS. REFER TO SPECIFICATIONS & DETAILS FOR ADDITIONAL INFORMATION. SOME MATERIALS MAY REQUIRE SEVERAL TRIES TO GET THE RIGHT COLOR. ALL ORDERING LEAD TIMES & PROVIDING REQUIRED MATERIALS AT THE PROJECT SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DELIVERY OF ALL MATERIALS TO THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DELIVERY OF ALL MATERIALS TO THE PROJECT SITE.
 - EXPANSION JOINTS TO BE MEASURED AT 20' ± C.C. IN WALKWAYS. OTHER MEASUREMENTS TO BE DETERMINED BY THE CONTRACTOR.
 - SCORE JOINTS TO BE PLACED AS SHOWN ON PLANS.



SEE SHEETS L5 FOR
CONSTRUCTION DETAILS



**North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700) Bid #B25191121010
Addendum No. 1**

June 20, 2025

To all Potential Bidders:

Attached hereto are addenda items, which shall be incorporated into the bid proposal for above noted project. These changes shall be considered as part of the original documents, as if they were originally provided therein, and as such shall be used as contractual documents. All other terms, conditions, and specifications of the bid remain unchanged. Bidders must acknowledge receipt of this addendum prior to the hour and date specified in the bid request, or as amended, by one of the following methods:

- (a) By acknowledging receipt, on the bid proposal form submitted; or
- (b) By separate letter or email which includes a reference to the bid request and addendum number.

Failure to acknowledge receipt of this addendum in one of the above methods and cause acknowledgment to be received prior to the hour and date specified for receipt of proposals, **may result in rejection of your offer.** If by virtue of this addendum you decide to change an offer already submitted, such changes may be made by email or letter, provided such email or letter makes reference to the bid request number and this addendum, and is received prior to the opening hour and date specified.

Respectfully,



Rachel Trujillo
Contract & Compliance Specialist

Enclosure

**North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700) Bid #B25191121010
Addendum No. 1**

ITEM 1 Answers to questions received up to 06/11/25. (Attached)

ITEM 2 Plans:

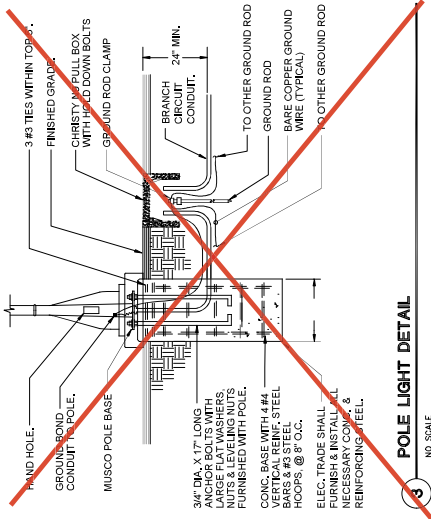
DELETE: Plan Sheet E5.0 named "Electrical Details and Panel Schedule".

INSERT: Plan Sheet E5.0 for Addendum No. 1. (Attached)

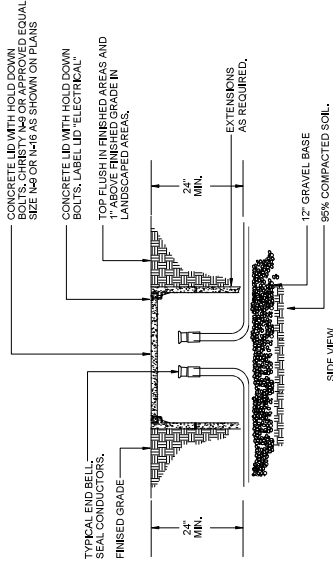
**INSERT: Plan Sheet C1 for Addendum No. 1 named "Pole Support Foundation".
(Attached)**

City of Sacramento
Q & A for Project North Natomas Regional Park Fields 1-3 Lighting (B25191121010)
Issued on 06/11/2025
Bid Due on July 16, 2025 2:00 PM (PDT)
Exported on 06/11/2025

Submitted By	Submit Date	Question	Answer
BRILLED LIGHTING	06/11/2025 11:04:05 AM	Can we submit equal for the lighting fixtures? Where can we submit it?	<p>Refer to the Special Provisions under section I.J. <u>Trade Names and Alternatives</u>, which states: "In accordance with Paragraph 5 18 of the Standard Specifications, certain articles or materials to be incorporated in the work may be designated, for convenience, under a trade name or the name of a manufacturer and the catalogue information. The use of an alternative article or material which is of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the approval of the Landscape Architect. The Contractor shall, within seven (7) calendar days after issuance of the Bid Summary and Notification of Award Recommendation, submit for the review of the Landscape Architect, materials, products, equipment and services which differ in any respect from the materials, products, equipment and services specified in the Invitation for Bids. Such submittals shall be accompanied by data to substantiate that such items are equal to those specified. The Landscape Architect shall be the sole judge as to the quality and suitability of substitutions and his/her decision shall be final. Requests for substitutions will not be entertained or considered by the Landscape Architect during the bidding period. No delay or extension of the Contract time will be allowed because of the time required for submitting substitutions or for determining their equality. Failure to propose the substitution of any article or service within seven (7) calendar days after the issuance of the Bid Summary and Notification of Award Recommendation will be deemed sufficient cause for the denial of request for substitution."</p>



1 UNDERGROUND CONDUIT TRENCH DETAIL
NO SCALE



2 PULL BOX DETAIL
NOT AT SCALE

The detail has been replaced, with the Light Pole Foundation
Detail on sheet C1-Pole Support Foundation Sheet.

3 POLE LIGHT DETAIL
NO SCALE

LOAD CENTER - 'MSB'									
CONDUCTOR	CONDUCTOR TYPE	CONDUCTOR SIZE	CONDUCTOR TYPE	CONDUCTOR SIZE	CONDUCTOR TYPE	CONDUCTOR SIZE	CONDUCTOR TYPE	CONDUCTOR SIZE	CONDUCTOR TYPE
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811
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ecom
ENGINEERING
1425 ARDEN BLVD, SUITE 140
SACRAMENTO, CA 95815
916.441.5600
WWW.ECONENGINEERING.COM

Professional Engineer
No. E 02982
Exp. 12/31/2025
Civil Engineering

POLE FOUNDATION SCHEDULE
(SEE LIGHT POLE FOUNDATION DETAIL)

TYPE	ASD GROUNDLINE FORCES (MAXIMUM)		C.I.P. DEEP FOUNDATION	
	MOMENT (M) KIP-FT	SHEAR (V) KIPS	VERTICAL (P) KIPS *	EMBEDMENT FEET
LSS60-AA	26.980	0.790	1.075	30"
LSS70-A	40.450	1.018	1.572	30"
LSS80-A	65.610	1.412	2.346	30"

* VERTICAL FORCE DOES NOT INCLUDE WEIGHT OF PRECAST BASE. VERTICAL (P) LOAD IS THE DRESSED POLE WEIGHT FOR ERECTION PURPOSES.

PRECAST BASE IDENTIFICATION

PRECAST BASE TYPE	WEIGHT LBS	OVERALL LENGTH FEET	HEIGHT ABOVE GRADE FEET	EMBEDMENT IN C.I.P. DEEP FOUNDATION FEET	OUTSIDE DIAMETER INCHES
2B	1,840	17'-3"	7'-3"	8'-0"	12,000"
3B	2,670	20'-0"	8'-0"	10'-0"	13,375"
4B	3,710	22'-0"	8'-0"	12'-0"	15,750"

POLE IDENTIFICATION

LOCATION MARK	POLE TYPE	PRECAST BASETYPE	FIXTURE CONFIGURATION (MAX # OF FIXTURES PER CROSSARM)	FIXTURE EPA (MAXIMUM)
A3-A6	LSS60-AA	2B	3(2 LED900, 1 LED550)	6.0
C3-C6			3(2 LED900, 1 LED1200)	5.7
B3-B6			4(2 LED1200, 2 LED900)	7.2
A1, A2	LSS70-A	3B	4 LED1200	7.2
C1, C2			4(3 LED1500, 1 LED1200)	9.2
B1, B2			6(LED1500, 1 LED1200)	13.8

LED550 FIXTURE: EPA = 2.0 SQ-FT MAX & WEIGHT = 25 LBS (FIXTURE ALONE),
LED900 FIXTURE: EPA = 2.0 SQ-FT MAX & WEIGHT = 40 LBS (FIXTURE ALONE),
LED1200 FIXTURE: EPA = 2.3 SQ-FT MAX & WEIGHT = 45 LBS (FIXTURE ALONE),
LED1500 FIXTURE: EPA = 2.3 SQ-FT MAX & WEIGHT = 67 LBS (FIXTURE ALONE),
PER MUSCO LIGHTING, INC.

POLE AUXILIARY ATTACHMENTS

LOCATION MARK	ATTACHMENT TYPE & QUANTITY	ATTACHMENT ELEVATION A.G.L. - FT
C1-C6	(2) LED575	15.5
A1-A6, B1-B6	(1) LED575	15.5

STATEMENT OF SPECIAL INSPECTIONS*

ITEM	CONTINUOUS/PERIODIC	SCOPE
1. PIER FOUNDATIONS	CONTINUOUS	INSPECT INSTALLATION OF SCHEDULED PIER FOUNDATIONS. VERIFY DIAMETER, EMBEDMENT DEPTHS AS SCHEDULED, DEPTHS OF FILL, AND BEARING STRATA
2. CONCRETE PLACEMENT	CONTINUOUS	INSPECT PLACEMENT OF CONCRETE FOR PROPER APPLICATION TECHNIQUES. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED.
3. RINKER PRECAST/ PRESTRESSED CONCRETE BASES	(PCI CERTIFIED)	FABRICATOR EXEMPT.** REFERENCE ICC ESR-3765.
4. STRUCTURAL STEEL	(L.A. CITY APPROVED)	FABRICATOR EXEMPT.** REVIEW CERTIFIED MILL TESTS REPORTS AND IDENTIFICATION MARKINGS.

* The Special Inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the Building Official, for inspection of the particular type of construction or operation requiring special inspection.
**Special inspections shall not be required when the work is done on the premises of a fabricator registered and approved by the City to perform such work without special inspection.

GENERAL NOTES

ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE CALIFORNIA BUILDING CODE, 2022 EDITION.
WIND- ASCE 7-16, Vult = 94 MPH (EXPOSURE C); Vasd = 73 MPH (EXPOSURE C), RISK CATEGORY II
SEISMIC - SS=0.564; S1=0.253; SDS=0.507; SD1=0.530; RISK CATEGORY=II; I=1.0; SITE CLASS=D; R=1.5;
SEISMIC DESIGN CATEGORY=III; SEISMIC FORCE-RESISTING SYSTEM=NON-BUILDING STRUCTURE, NOT SIMILAR TO BUILDINGS; ANALYSIS PROCEDURE-EQUIVALENT LATERAL FORCE PROCEDURE.
REFERENCE POLE LOCATION DRAWING FOR ACTUAL POLE PLACEMENT AND SITE LOCATION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION PROCEDURES AND SAFETY CONDITIONS AT THE JOB SITE.
SOIL DESIGN PARAMETERS
REFERENCE GEOTECHNICAL ENGINEERING INVESTIGATION PREPARED BY WALLACE KUHLMANN & ASSOCIATES, DATED SEPTEMBER 13, 2011 & UPDATED NOVEMBER 21, 2024; WALLACE KUHLMANN & ASSOCIATES PROJECT NO. 8890.12p & 4630.2400080.0000.
ALLOWABLE VERTICAL SOIL CAPACITY - IF EMBED DEPTH IS 5'-10", 4,000 PSF (END BEARING) OR 300 PSF (SKIN FRICTION). IF EMBED DEPTH EXCEEDS 10', 6,000 PSF (END BEARING) OR 500 PSF (SKIN FRICTION).
ALLOWABLE LATERAL PASSIVE SOIL BEARING PRESSURE: 300 PSF/FT. IGNORE UPPER 1-FOOT OF SOIL.
A REPRESENTATIVE OF WALLACE KUHLMANN & ASSOCIATES SHOULD BE AVAILABLE AT THE TIME OF THE FOUNDATION INSTALLATION TO VERIFY THE SOIL DESIGN PARAMETERS AND TO PROVIDE ASSISTANCE IF ANY PROBLEMS ARISE IN FOUNDATION INSTALLATION.
ENCOUNTERING SOIL FORMATIONS THAT WILL REQUIRE SPECIAL DESIGN CONSIDERATIONS OR EXCAVATION PROCEDURES MAY EXIST. POLE FOUNDATIONS MAY NEED TO BE REANALYZED ACCORDING TO THE SOIL CONDITIONS THAT EXIST.
IF ANY DISCREPANCIES OR INCONSISTENCIES ARISE, NOTIFY THE ENGINEER OF SUCH DISCREPANCIES. FOUNDATIONS WILL THEN BE REVISED ACCORDINGLY.
ALL PRECAST BASES AND CONCRETE BACKFILL MUST BEAR ON AND AGAINST FIRM, UNDISTURBED SOIL OR AS APPROVED BY A GEOTECHNICAL ENGINEER.
ALL EXCAVATIONS MUST BE FREE OF LOOSE SOIL AND DEBRIS PRIOR TO FOUNDATION INSTALLATION AND PLACEMENT OF CONCRETE BACKFILL. CASING MAY BE REQUIRED IF CAVING OCCURS. IN SUCH A CASE, APPROVAL BY A GEOTECHNICAL ENGINEER IS REQUIRED. ALL EXCAVATIONS MUST BE FREE OF WATER OR CONCRETE SHALL BE PLACED WITH A TREMIE PIPE IN ACCORDANCE WITH ACI STANDARD 336. CONCRETE PLACED BY THE TREMIE METHOD SHALL HAVE A MINIMUM ULTIMATE STRENGTH OF 1,000 PSI GREATER THAN REQUIRED UNDER "CONCRETE BACKFILL" BELOW.

CONCRETE BACKFILL
CONCRETE BACKFILL WITHOUT STEEL REINFORCEMENT SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS OF 4,000 PSI. SEE STATEMENT OF SPECIAL INSPECTIONS REQUIRED.
CONCRETE BACKFILL SHALL ATTAIN A MINIMUM STRENGTH OF 3,000 PSI PRIOR TO STEEL POLE ERECTION.
USE TYPE II/V PORTLAND CEMENT OR AS RECOMMENDED BY THE ENGINEER. MAX W/C = 0.50. MIX IN CONFORMANCE WITH ASTM C-94. AGGREGATES PER ASTM C-33. (1" MAX AGG. SIZE). 3/8" MAX AGG. SIZE ACCEPTABLE WHERE PUMP MIXES ARE USED FOR UNREINFORCED CONCRETE BACKFILL.
PLACE CONCRETE IMMEDIATELY AFTER COMPLETION OF EXCAVATION AND INSPECTION BY THE GEOTECHNICAL ENGINEER. NO EXCAVATIONS SHALL BE LEFT UNPROTECTED OR OPEN OVERNIGHT. CONCRETE SHALL BE PLACED IN ONE CONTINUOUS OPERATION (NO CONSTRUCTION JOINT TO GRADE) WITH SPECIAL EQUIPMENT, WITH A MAXIMUM FREEFALL OF 5 FT AND TO PREVENT CONCRETE FROM STRIKING THE SIDES OF THE EXCAVATION. VIBRATE TOP 5 FT OF CONCRETE AT UNREINFORCED PIERS, VIBRATE FULL DEPTH AT REINFORCED PIERS.

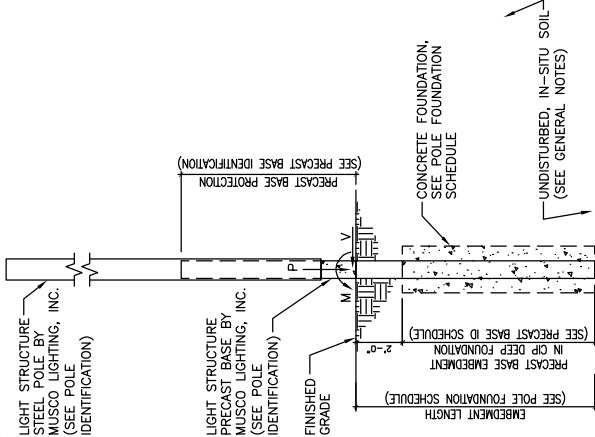
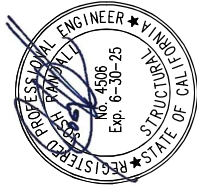
MISCELLANEOUS
FIXTURES MUST BE LOCATED TO MAINTAIN 10'-0" MINIMUM HORIZONTAL CLEARANCE FROM ANY OBSTRUCTION.
POLES, FIXTURES, PRECAST BASES, ELECTRICAL ITEMS, PLATFORMS, SPECIFICATIONS, AND INSTALLATION PER MUSCO LIGHTING, INC.

POLE SUPPORT
FOUNDATION
NATOMAS BASEBALL COMPLEX
SACRAMENTO, CA
RTM ENGINEERING CONSULTANTS
1 ADA, SUITE 100
IRVINE CA, 92618
RTM No. 463.681
SHEET
C1
OF 1

MUSCO LIGHTING, INC.
2107 STEWART ROAD
MUSCATINE, IOWA 52761
MUSCO No. 121604
DATE
04/02/25

UNDISTURBED, IN-SITU SOIL
(SEE GENERAL NOTES)

LIGHT POLE FOUNDATION DETAIL
SCALE: NO SCALE



**North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700) Bid #B25191121010
Addendum No. 2**

July 11, 2025

To all Potential Bidders:

Attached hereto are addenda items, which shall be incorporated into the bid proposal for above noted project. These changes shall be considered as part of the original documents, as if they were originally provided therein, and as such shall be used as contractual documents. All other terms, conditions, and specifications of the bid remain unchanged. Bidders must acknowledge receipt of this addendum prior to the hour and date specified in the bid request, or as amended, by one of the following methods:

- (a) By acknowledging receipt, on the bid proposal form submitted; or
- (b) By separate letter or email which includes a reference to the bid request and addendum number.

Failure to acknowledge receipt of this addendum in one of the above methods and cause acknowledgment to be received prior to the hour and date specified for receipt of proposals, **may result in rejection of your offer.** If by virtue of this addendum you decide to change an offer already submitted, such changes may be made by email or letter, provided such email or letter makes reference to the bid request number and this addendum, and is received prior to the opening hour and date specified.

Respectfully,



Rachel Trujillo
Contract & Compliance Specialist

Enclosure

**North Natomas Regional Park Fields 1-3 Lighting
(PN: L19140700) Bid #B25191121010
Addendum No. 2**

ITEM 1 Answers to questions received up to 07/09/25.

ITEM 2 Bid Proposal:

DELETE: Bid Proposal

**INSERT: Bid Proposal for Addendum No. 2. PLEASE SUBMIT WITH YOUR
BID. (Attached)**

City of Sacramento
Q & A for Project North Natomas Regional Park Fields 1.3 Lighting (805191121010)
Issued on 06/11/2025
Bid Due on July 16, 2025 2:00 PM (PDT)
Expired on 07/08/2025

Submitted By	Submit Date	Question	Answer
Beckman & Woody Electric Co., Inc.	06/24/2025 9:31:17 AM	In Special Provisions, the license requirement is A and C-10. On the bid form and the Bid Information page, License A and C-27 is listed. Please clarify.	An A general engineering license is required the prime contractor. Please interchange all C-27 license references with a C-10 license.
Shane Brown Electric	06/25/2025 9:07:03 AM	Due to the size of the electrical scope, can a C-10 contractor bid as a prime with a C-27 sub?	An A general engineering license is required the prime contractor. Please interchange all C-27 license references with a C-10 license.
Frontline General Engineering Construction INC	07/02/2025 10:29:58 AM	when is the start date for this project?	Anticipate Council to award project in August, with a September start date.
TSI Engineering Inc	07/07/2025 2:23:01 PM	We are planning on bidding for North Natomas Park Project as General Contractor A. I wanted to ask there is CVTA requirement and labor needs to be local Union hired labor. Is this mandatory or we are having A license can participate in this project with our own locally hired labor.	Yes, CVTA requirements will apply to this project. An A general engineering must participate. An A general engineering license is required of the prime contractor.
R&O Electric inc	07/08/2025 1:10:51 PM	The drawings on E2.1, E2.2 and E2.3 indicates the conduit starts at the M&B and loops in and out of the existing pull boxes down the 3rd base line out to left field and down the 3rd base line to the right field. The single line drawing C-10 shows an existing empty 2" conduit run separately from the M&B to an existing pull box at each fixture's location. Which is correct?	The existing conduit is per sheets E2.1, E2.2 and E2.3
BRILED LIGHTING	06/11/2025 11:04:05 AM	Can we submit equal for the lighting fixtures? Where can we submit it?	Refer to the Special Provisions under section L, Trade Names and Alternatives, which states: "In accordance with Paragraph S.18 of the Standard Specifications, certain articles or materials to be incorporated in the work may be designated, for convenience, under a trade name or the name of a manufacturer and the catalogue information. The use of an alternative article or material which is of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the approval of the Landscape Architect. The Contractor shall, within seven (7) calendar days after issuance of the Bid Summary and Notification of Award Recommendation, submit for the review of the Landscape Architect, materials, products, equipment and services which differ in any respect from the materials, products, equipment and services specified in the Invitation for Bids. Such submittals shall be accompanied by data to substantiate that such items are equal to those specified. The Landscape Architect shall be the sole judge as to the quality and suitability of substitutions and his/her decision shall be final. Requests for substitutions will not be entertained or considered by the Landscape Architect during the bidding period. No delay or extension of the Contract time shall result from the use of substitutions. Substitutions shall be made at the Contractor's expense. Substitutions shall be made prior to the start of construction and service within seven (7) calendar days after the issuance of the Bid Summary and Notification of Award Recommendation will be deemed sufficient cause for the denial of request for substitution."

TO THE HONORABLE CITY COUNCIL, SACRAMENTO, CALIFORNIA: In compliance with the Contract Documents, the undersigned hereby proposes to furnish all required labor, materials, supervision, transportation, equipment, services, taxes and incidentals required for:

**North Natomas Regional Park Fields 1-3 Lighting
(PN:L19140700 Bid#B25191121010)**

in the City and County of Sacramento, California. The Work is to be done in strict conformity with the Contract Documents now on file in the Office of the City Clerk, for the following sum:

Item No.	Item Description	QTY	Unit	Unit Price	Total
1	Temporary Construction Fence	1	LS	\$ LUMP SUM	\$
2	Electrical System	1	LS	\$ LUMP SUM	\$
3	Lighting Structure System with Total Light Control	1	LS	\$ LUMP SUM	\$
4	City Building Permit Inspection Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
BASE BID TOTAL					\$

ADDITIVE ALTERNATES BID ITEMS

Item No.	Item Description	QTY	Unit	Unit Price	Total
A1	Temporary Construction Fence	1	LS	\$ LUMP SUM	\$
A2	Site Clearing and Grubbing	1	LS	\$ LUMP SUM	\$
A3	Demolition	1	LS	\$ LUMP SUM	\$
A4	Site Grading	1	LS	\$ LUMP SUM	\$
A5	8' Chain Link Fence to Install	1	LS	\$ LUMP SUM	\$
A6	6' Chain Link Fence to Install	1	LS	\$ LUMP SUM	\$
A7	Concrete Flatwork to Construct	1	LS	\$ LUMP SUM	\$
A8	12" Concrete Mowstrip to Construct	1	LS	\$ LUMP SUM	\$
A9	Stabilized Decomposed Granite to Place	1	LS	\$ LUMP SUM	\$
A10	Irrigation Modifications	1	LS	\$ LUMP SUM	\$
A11	Baseball Rubber and Homeplate to Install	1	LS	\$ LUMP SUM	\$
ADDITIVE ALTERNATE TOTAL					\$

GRAND TOTAL \$ _____

The undersigned agrees to execute the Agreement and provide City the executed Agreement, the required insurance certificates, endorsements, and waivers of subrogation, and the required surety bonds within ten (10) calendar days after the undersigned's receipt of the City's notice that the undersigned will be recommended for Contract award and prior to award of the Contract by the City Council. It is understood that this Bid Proposal is based upon completion of the Work within a period of **FORTY (40) WORKING DAYS**, commencing on the date set forth in the written Notice to Proceed issued by the City to the Contractor. The Contractor is hereby notified and reminded that per City Contract requirements, the City will issue a Notice to Proceed within 15 calendar days of execution of contract by City. Contract workdays will start immediately on the date of the Notice to Proceed. Attached is a sample of a Notice to Proceed. The amount of liquidated damages to be paid by the Contractor for failure to complete the work by the completion date (as extended, if applicable) shall be **One Thousand Dollars (\$1,000)** for each calendar day, continuing to the time at which the work is completed. Such amount is the actual cash value agreed upon as the loss to the City resulting from the default of the Contractor. **By signing, it is also understood that all labor compliance requirements must be met by all contractors, sub-contractors, and sub-tier contractors before any payment can be made. Failure to meet the labor compliance requirements will result in your pay request or invoice being rejected. No payment shall be made by the City until full compliance has been met. Partial payments/partial withholdings will not be authorized.** Work under these Special Provisions shall be performed by qualified personnel experienced in work described herein. The Contractor and/or its subcontractor **shall possess current and active licenses**

issued by the California Contractors State License Board for A and C-10 licenses at the time of the bid submittal and throughout the construction period. Any cited violations or pending violation investigations by the California Contractors State Licensing Board within three years prior to the date of the bid submittal shall be fully disclosed in the bid.

CLASS **GENERAL A** LICENSE # _____

Name: _____

Address: _____

Issue Date: _____ Expiration Date: _____

CLASS **C10** LICENSE # _____

Name: _____

Address: _____

Issue Date: _____ Expiration Date: _____

CWTA REQUIREMENTS

CWTA IFB Language – Estimate Over \$1Million

This project is subject to the requirements of the City's Local Hire and Community Workforce Training Program and the City's Community Workforce Training Agreement (CWTA). A copy of the CWTA and a summary of its requirements (CWTA Summary) is provided in Exhibit D to this solicitation. By submitting a bid, the Contractor acknowledges that it has read and understands all the requirements, terms, and conditions of the CWTA and CWTA Summary, and has included all costs associated with compliance with the CWTA in its bid. The Contractor and all listed subcontractors must execute Addendum A to the CWTA ("Agreement to be Bound") and provide an executed original to the City before the contract can be awarded. Each subcontractor for Work covered by the CWTA hired after the time of bid or after contract award, must also execute Addendum A to the CWTA. No subcontractor may perform Work prior to executing Addendum A and providing the executed original to the City. **Contractor must include the provisions of this section, as well as a copy of the CWTA and the CWTA Summary, in every subcontract for Work covered by the CWTA.** By submitting a bid, Contractor represents that the Contractor and all its subcontractors performing Work covered by the CWTA will execute the Addendum A if awarded the contract. The failure to sign and submit Addendum A by any subcontractor, shall be grounds for subcontractor substitution and/or for the City to withhold payment for the Work performed in the absence of the necessary Addendum A. The failure to satisfy any requirements of the CWTA, including the requirements to submit an Addendum A and demonstrate a good faith effort to meet the Local Hire and Priority Apprenticeship Goals, may result in a determination that the Contractor does not meet the City's minimum qualifications to bid on future projects for the City of Sacramento.

DETERMINATION OF LOW BIDDER

The determination of the low bidder will be based on the base bid and all additives, if any. However, the contract award may not include any of the additives. The City reserves the right to select which additives, if any, to include in the contract award in addition to the base bid work. If an additive is an alternative to a bid item and the additive is to be awarded, the contract amount will be based on the additive price instead of the base bid item price. In determining the amount bid by each bidder, the City may disregard mathematical errors in addition, subtraction, multiplication, and division that appear obvious on the face of the Proposal. When such a mathematical error appears on the face of the Proposal, the City shall have the right to correct such error and to compute the total amount bid by said bidder on the basis of the corrected figure or figures. The City Council may reject any and all bids and waive any informalities or minor irregularities in the bids. When an item price is required to be set forth in the Proposal, and the total for the item set forth separately does not agree with a figure which is derived by multiplying the item price times the Engineer's estimate of the quantity of work to be performed for said item, the item price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the policy of the bidding procedure. The total paid for each such item of work shall be based upon the item price and not the total price. Should the Proposal contain only total price for the item and the item price is omitted, the City shall determine the item price by dividing the total price for the item by the Engineer's estimate of the estimated quantities of work to be performed as items of work. If the Proposal contains neither the item price nor the total price for the item, then it shall be deemed incomplete and the Proposal shall be deemed non-responsive. The undersigned has examined the location of the proposed Work, the local conditions at the place where the Work is to be done, is familiar with the Contract Documents and is familiar and expressly agrees to the liquidated damages provision of the Contract Documents. The undersigned has checked carefully all of the foregoing figures and understands that the City of Sacramento will not be responsible for any errors or omissions on the part of the undersigned in making up this Bid Proposal.

CONTRACTOR TO COMPLETE AND SIGN:

BID BOND

Enclosed is a Bid Proposal Guarantee, as required, consisting of a bidder's bond or other acceptable security for not less than ten percent (10%) of the amount Bid Proposal. **Amount of Bid Proposal Guarantee Enclosed:**
(must not be less than 10% of the total bid amount including alternates)

\$ _____ Bid Bond

\$ _____ Certified Check

\$ _____ Cashier's Check

\$ _____ Money Order

\$ _____ Other _____

ADDENDUM ACKNOWLEDGEMENT

The undersigned agrees that all addenda received and acknowledged herein shall become a part of and be included in this Bid Proposal. This Bid Proposal includes the following addenda:

Addendum _____ Addendum _____ Addendum _____

Addendum _____ Addendum _____ Addendum _____

Contractor Signature: _____

PRIME CONTRACTOR INFORMATION

Legal Business Name: _____

Business Address: _____

Phone: _____

Email: _____

Print or type clearly - results will be emailed

PRIME CONTRACTOR - TYPE OF BUSINESS

If the Bidder is a corporation, the Bid Proposal must be executed in the name of the corporation and must be signed by a duly authorized officer of the corporation. If the Bidder is a partnership, the Bid Proposal must be executed in the name of the partnership and one of the partners must subscribe their signature thereto as the authorized representative of the partnership. Check one:

☐ Individual

☐ Partnership

☐ Corporation

☐ Limited Liability Company

☐ Other _____

PRIME CONTRACTOR LICENSES & TAX INFORMATION

Contractors State License #: _____ Expiration: _____
(must be valid at time of bid)

DIR Registration #: _____ Expiration: _____
(must be valid at time of bid)

City of Sacramento Business Operation Tax #: _____
(must be valid prior to award of contract)

BOTC Expiration: _____

State Tax ID# _____ Federal Tax ID # _____

**THIS BOX FOR CITY USE ONLY
CITY CLERK TO FILL OUT**

Bid Bond Security Received:

☐ Properly Signed

☐ Improperly Signed

☐ Not Included

Type of Deposit Received:

☐ Bid Bond

☐ Certified Check

☐ Cashier's Check

☐ Money Order

☐ Other _____

BY: _____

SIGNATURE

Signers Title

Print or Type Signers Name

Date



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

07/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER RISI dba Pan American Insurance Services 2800 W. March Lane Suite 420 Stockton CA 95219	CONTACT NAME: Lorena Fahl PHONE (A/C, No, Ext): (209) 955-2600 E-MAIL ADDRESS: lorena.fahl@relationinsurance.com FAX (A/C, No): (209) 474-0697
INSURED Jim Coyle, DBA: Big Valley Electric C4 Construction and Engineering Inc 1190 Mottsville Meadows Way Gardnerville NV 89460	INSURER(S) AFFORDING COVERAGE INSURER A: Houston Specialty Ins Co INSURER B: Imperium Insurance Company INSURER C: Certain Underwriters at Lloyd's, London INSURER D: Insurance Company of the West INSURER E: StarStone Specialty Insurance Company INSURER F:

COVERAGES**CERTIFICATE NUMBER:** 24/25 ALL Lines**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE 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, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y		CONHSG000079100	12/19/2024	12/19/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000	
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CONIICCA000072400	12/19/2024	12/19/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			SCX1538524	12/19/2024	12/19/2025	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000	
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input type="checkbox"/>	N / A	Y	WPL505261105	12/19/2024	12/19/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Excess (Secondary Layer)			76439B240ALI	12/19/2024	12/19/2025	Limit \$5,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Prof Ins - #B0621PBIGV000124 - 12/19/2024-25 - \$2,000,000 / \$5000 Ded
Inland Marine - #CONIICIM000024600 - 12/19/2024-25 - Sched Equip Limit @ \$152,000 / Ded @ \$1,000
Rented/Leased Equip Limit @ \$200,000 / Ded @ \$1,000 and Installation Floater Limit @ \$500,000 / Ded @ \$2500

RE: North Natomas Regional Park Fields 1-3 Lighting
The City of Sacramento, its officials, employees, and volunteers are Additional Insured in regards to the General Liability coverage as required by written contract. Waiver of subrogation applies to the Workers Compensation coverage.

CERTIFICATE HOLDER**CANCELLATION**

City of Sacramento

Sacramento

CA 95814

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Any person or organization in which the Named Insured has agreed in a written contract or written agreement executed prior to a loss.	Any location(s) in which the Named Insured has agreed in a written contract or written agreement executed prior to a loss.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT - BLANKET

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us).

The additional premium for this endorsement shall be _____ % of the total California Workers' Compensation premium otherwise due.

Schedule

Person or Organization

Job Description

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective **12/19/2024** Policy No. **WPL 5052611 05**

Endorsement No.

Insured **COYLE, JIM (INDV)**

Premium \$ **INCL.**

Insurance Company **INSURANCE COMPANY OF THE WEST**

Countersigned By _____

Additional Named Insureds

Other Named Insureds

C4 Construction & Engineering Inc	Corporation, Additional Named Insured
James Albert Coyle Jr & Teri Coyle, Trustees	Trust, Additional Named Insured
T Coyle Revocable Trust dated September 11, 2008	Trust, Additional Named Insured

ADDITIONAL COVERAGES

Ref #	Description Medical payments				Coverage Code MEDPM	Form No.	Edition Date
Limit 1 5,000	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

Ref #	Description Experience Mod Factor 1				Coverage Code EXP01	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

Ref #	Description				Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

Ref #	Description				Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

Ref #	Description				Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

Ref #	Description				Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

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Ref #	Description				Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type	Premium		

Signature:

Email: rtrujillo@cityofsacramento.org

Signature:

Email: rtrujillo@cityofsacramento.org