

City of Sacramento
City Council - 5PM Report
915 I Street Sacramento, CA 95814
www.cityofsacramento.org

File ID: 2025-01768

12/9/2025

**Mómtim C'atnaandí (Old Sacramento Children's Play Area) Project [Two-Thirds Vote Required]
[Published for 10-day Review 11/26/2025]**

File ID: 2025-01768

Location: 1200 Front Street, APN 006-0136-025-0000, District 4

Recommendation: 1) Pass a **Motion** by two-thirds vote to: a) suspend competitive bidding, in the best interest of the City, to purchase play area equipment; b) award the Old Sacramento Play Area Project construction contract to Otto Construction for an amount not to exceed \$2,008,943; and c) authorize the Interim City Manager or designee to execute the contract with Otto Construction for an amount not to exceed \$2,008,943; and 2) Adopt a **Resolution** transferring up to \$710,713 from the available balance of the Community Center Fund (F6010) to the Old Sac Children's Play Area (M17700100).

Contact: Sabrina Tefft, Development Project Manager, (916) 808- 3789, stefft@cityofsacramento.org; Ellen Sullivan, Senior Development Project Manager, (916) 808-5758, eesullivan@cityofsacramento.org; City Manager's Office of Innovation and Economic Development; Josh Gibson, Facilities and Real Property Superintendent, (916) 808-8920, jgibson@cityofsacramento.org; Dustin Hollingsworth, Assistant Director, (916) 808-5538, djhollingsworth@cityofsacramento.org; Convention and Cultural Services Department

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Resolution
- 3-Renderings
- 4-Construction Contract

Description/Analysis

Issue Detail: On November 14, 2023, City Council passed Resolution 2023-0359, approving a grant agreement for Community Reinvestment Projects with the California Natural Resources Agency (CNRA) in the amount of \$20 million. Of this \$20 million, the Old Sacramento Children's Play Area (Play Area) project received \$1 million in funding. The Play Area would be a playground that provided children with a free activity while visiting Old Sacramento, in turn extending dwell times for families.

The playground was also an opportunity to tell a more diverse and comprehensive history of the Old Sacramento Waterfront (OSW). The City engaged with the Shingle Springs Band of MiWok Indians and Wilton Rancheria, the original inhabitants of the site, to collaborate on the design.

Through several listening sessions and design workshops, several significant cultural elements were selected by Shingle Springs Band of MiWok Indians and Wilton Rancheria to highlight life on the river during the time the Nisenan inhabited the area. These elements ultimately informed theme of the playground, riparian corridor.

The primary goal of the Play Area is to honor the land and history of Sacramento's indigenous tribes; therefore, it was imperative to select play equipment that reflects the cultural values and avoid stereotypical and disrespectful use of indigenous imagery and motifs. To ensure the City moved forward with an inclusive and respectful approach, and with the assistance of our landscape architect, Stantec Architecture, staff reached out to several playground equipment manufacturers with experience working with indigenous communities. The City requested proposals for equipment that aligned with the theme of the play area. One of the stipulated requirements was that the playground equipment must be made of natural wood, which 1) was identified in the design workshops as the preferred material for the playground and 2) necessary due to its location in a National Landmark Historic District. Duncan and Grove were able to adhere to the material requirements and had an off-the-shelf play structure that could be customized to incorporate some of the design elements (e.g. woven basket) identified during the design phase. The City entered into a design contract to further develop and customize their proposed play structure. This allowed for the participating tribe's indigenous knowledge to be integrated into the design process and ensured the play structure reflected elements of traditional design with the appropriate meaning and context.

Both Shingle Springs Band of Miwok Indians and Wilton Rancheria were extremely satisfied with the Duncan and Grove play structure, as it is made of wood, promoting sustainability, and incorporates a traditional woven basket into the design. Basketry is an important part of indigenous cultural heritage that has been lost over the years due to the disruption of traditional ways of life. This iconic piece will provide opportunities for children and the community to connect and learn about tribal culture through play.

Through this process, Duncan and Grove designed a wood entry feature that represents the tule reed, a central theme to the play area and significant to the indigenous way of life.

Duncan and Grove hold design copyright and intellectual property rights over all their designs and any customized options, prohibiting the replication of any structures. Their ability to customize an existing off-the-shelf play structure has provided cost savings for the City, avoiding the need to design a custom piece of play equipment. Thus, staff recommend it is in the best interest of the City to suspend competitive bidding and proceed with the purchase of the play structure and entry feature from Duncan and Grove.

Convention and Cultural Services in partnership with the Office of Innovation and Economic Development is seeking approval to award a contract to Otto Construction for the construction of the Play Area in an amount not to exceed \$2,008,943. The formal bid process for this project was completed, and staff did not receive any bids. Staff reached out to two contractors and had one responsive proposal submitted. Construction on the play area project is expected to be completed in Summer 2026.

Since the original estimate was put together, escalation, tariffs, increased labor costs and other economic uncertainties, the cost of the Play Area has risen. To close the gap and begin construction on the project, staff has identified \$710,713 from the available balance of the Community Center Fund (6010) with the intent to reimburse the Community Center Fund once bonding is issued for the Waterfront Reinvestment Project (WRP).

Policy Considerations: City Code Chapter 3.60 provides that City Council approval is required to enter into construction agreements over \$250,000. Additionally, pursuant to City Code Section 3.56.230, competitive bidding for the construction contract is not required because after advertising for bids, no bids were received. This project is subject to Community Workforce and Training Agreement (CWTA) requirements for construction contracts over \$1 million, as defined in section 2.2 of the CWTA.

The recommendation in this report to suspend competitive bidding and to enter into contract with Duncan and Grove for the play area is in accordance with the provisions of Sacramento City Code section 3.72.120 which provides that competitive bidding may be suspended when the council determines that special circumstances make the use of the bid procedure inappropriate or when it determines that it is in the best interest of the city that the bid process not be used.

The Project will bring new energy, resources, and activity to the OSW fostering connections among communities and visitors. It will encourage visitors to extend their stay in OSW by offering a free amenity for district visitors. Additionally, the Project will further the visions, goals, and objectives of the 2040 General Plan, such as Community Policy CC-LUP-3 Old Sacramento Waterfront Community Uses, and the 2003 Sacramento Riverfront Master Plan, which supports strengthening public spaces in Old Sacramento, as approved by the cities of Sacramento and West Sacramento.

The Sacramento City Code Section 4.04.020 and the City 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 City Council action. This item was published for 10-day review on November 26, 2025, in compliance with the City Code.

Economic Impacts: This construction project, which totals \$2,008,943, is expected to create 8.04 total jobs (4.62 direct jobs and 3.42 jobs through indirect and induced activities) and create \$1,240,391.72 in total economic output (\$781,828.38 of direct output and another \$458,563.34 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated 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 impacts could differ from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

The Play Area is part of the WRP intended to help revitalize the OSW, to increase visitation and to extend dwell times.

Environmental Considerations: Given that the Project will not affect the capacity of the structure replaced, the project is exempt under section 15302 of the CEQA Guidelines, which provides that projects involving the reconstruction of existing structures and facilities, where the reconstruction will be located on the same site, will have substantially the same purpose and capacity.

Sustainability: The Project has been reviewed for consistency with the goals, policies, and targets of the City's Sustainability Master Plan (SMP) and the 2030 General Plan. The project will advance the goals, policies, and targets of these plans by improving the health of residents through access to a diverse mix of wellness and recreation activities, utilizing sustainable wood materials.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: The formal bidding process for construction of the Play Area was posted in accordance with City Code 3.60. The City did not receive any bids for the Project. Staff then reached out to two contractors with history of working on City projects for proposals to complete the work. One of those contractors, Otto Construction, submitted a proposal in the not to exceed amount of \$2,008,943.

Pursuant to City Code Section 3.56.230.B, competitive bidding is not required when after advertising for bids, no bids were received. As provided by Section 3.56.230.E, staff recommends Council suspend competitive bidding to award a contract to Otto Construction.

Duncan and Grove has extensive experience working with indigenous communities and holds the design copyright and intellectual property rights over the customized play structure design, prohibiting the replication of the structure. The process of co-creation of the play structure with the tribal communities and Duncan and Grove ensured that the design is reflective of the local culture and is

appropriate for this type of project, where the members of the indigenous community should be central to the design process. The play structure's incorporation of a traditional basket will not only inspire fun and creative play, but also serve as an immersive, engaging educational piece connecting visitors with the local indigenous culture and history.

Since the Old Sacramento Children's Play Area Project (M17700100) was originally estimated, escalation, tariffs, labor costs and increased construction costs have resulted in a funding gap of \$710,713. Staff is requesting \$710,713 of available fund balance from the Community Center Fund (F6010) be allocated to augment the project. The additional monies will bring the project budget up to \$2,835,273, ensuring that the project has sufficient resources to not only fund the \$2,008,943 contract with Otto Construction, but also to ensure that it can be completed.

Funding Source	Amount
CNRA Grant	\$1,000,000
General Fund	\$324,560
OSW American Rescue Plan Act	\$800,000
Community Center Fund (6010)	\$710,713
Total Project Budget	\$2,835,273

The City Treasurer's Office is bringing forward a reimbursement Resolution to City Council for approval as a subsequent separate item on December 2, 2025. The resolution allows the City to seek reimbursement for work done on authorized Waterfront Reinvestment Projects, such as the play area, in advance of the Transient Occupancy Tax Bond issuance. The \$710,713 would be paid back to the Community Center Fund upon issuance of the bonds in Spring 2026. In the event that City Council decided not to move forward with the Waterfront Reinvestment Program and did not issue the bonds for the Waterfront Reinvestment Program, then the Community Center fund would not be repaid.

Local Business Enterprise (LBE): Otto Construction is a local firm.

Background:

Play Area Design: In addition to the iconic basket play structure and entry feature, the Play Area will feature several indigenous play elements: tule boat, three tule huts, and grinding stone. The play elements, purchased through a cooperative purchasing agreement, will be placed around a poured in place rubber surface that will mimic a river.

The site will be enclosed with a fence and include landscaping, lighting, interpretive signage, and decorative concrete pavement. The site will also include a trash enclosure to serve the adjacent Joe's Crab Shack restaurant as required in the lease between Joe's Crab Shack and the City.

Play Area Name: Guided by input from Shingle Springs Band of MiWok Indians and Wilton Rancheria, a name has been selected for the Play Area that reflects its heritage and deep connection to the river. The Old Sacramento Children's Play Area will now be known as "Mómtim C'atnaandí", which is Nisenan for 'Along the River'. The correct pronunciation is "mohm-teem-uh-aht-nahn- dee."

RESOLUTION NO. 2025-XXXX

Adopted by the Sacramento City Council

December 9, 2025

Mómtim C'atnaandí (Old Sacramento Children's Play Area)

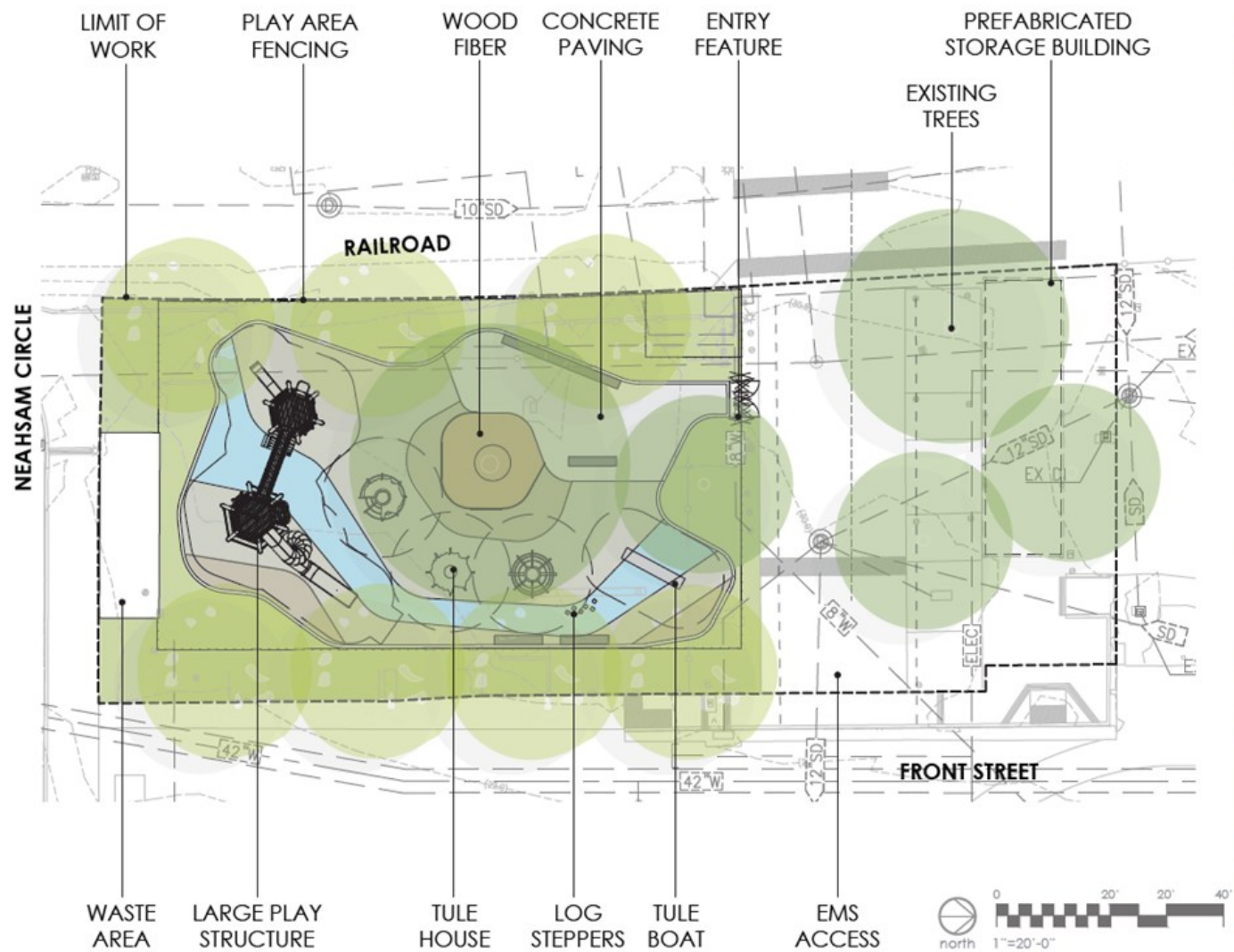
BACKGROUND

- A. The dissolution of Redevelopment Agencies in 2011 resulted in the loss of an important source of funding for economic development projects within the city of Sacramento.
- B. The FY2016/17 budget priorities approved by the Mayor and City Council included an initiative to invest in the Sacramento waterfront as an economic driver for the region's economy.
- C. Investment in a renewed waterfront could represent a major boost to Sacramento's business and leisure visitation.
- D. On November 14, 2023, City Council passed Resolution 2023-0359, approving a grant agreement for Community Reinvestment Projects with the California Natural Resources Agency in the amount of \$20 million dollars. Of these \$20 million dollars, the Old Sacramento Play Area (Play Area) project received \$1 million dollars of funding, which was put into the Old Sacramento Children's Play Area Project (M17700100) project.
- E. The City has designing the Play Area in collaboration with the Shingle Springs Band of MiWok Indians and Wilton Rancheria, to provide a more diverse and comprehensive history of the Old Sacramento Waterfront (OSW), however due to economic uncertainties, such as tariffs, project costs have risen resulting in a funding gap.
- F. Due to escalation, tariffs, labor costs and increased construction costs, there is a funding gap of \$710,713 to complete the Play Area. The total project cost for the Play Area is \$2,835,273.
- G. The Community Center Fund (F6010) has a fund balance of \$22,434,000.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL
RESOLVES AS FOLLOWS:**

- Section 1. The interim City Manager or their designee can transfer \$710,713 from available fund balance in the Community Center Fund (Fund 6010) to the Old Sac Children's Play Area Project (M17700100).

Attachment 4—Renderings



TULE HOUSES



LARGE PLAY STRUCTURE



TULE BOAT

riparian corridor

STANTEC // CITY OF SACRAMENTO PLAY AREA - DESIGN CONCEPT | DECEMBER 2024





Ellen E. Sullivan (EESullivan@cityofsacramento.org) is signed in





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: 11/01/2025 Contract Expiration Date (if applicable): 08/31/2026
\$ Amount (Not to Exceed): \$ 2,008,943.00 Adjusted \$ Amount (+/-): _____
Other Party: John F. Otto Inc. dba Otto Construction
Project Title: Old Sacramento Children's Play Area
Project #: M17700102 Bid/RFQ/RFP #: _____
City Council Approval: YES if YES, Council File ID#: 2025-01768

Contract Processing Contacts

Department: Economic Development Project Manager: Sabrina Tefft
Contract Coordinator: Blair Hongo Email: bhongo@cityofsacramento.org

Department Review and Routing

Accounting:

(Signature) _____ (Date) _____

Supervisor:

(Signature) Dennis M. Hongo (Date) 11/24/2025

Division Manager:

(Signature) Sabrina Tefft (Date) 11/24/2025

Other:

(Signature) _____ (Date) _____

(Signature) Blair Hongo (Date) 11/24/2025

(Signature) _____ (Date) _____

(Signature) _____ (Date) _____

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

☐

Recording Requested

☐

Other Party Signature Required

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

AGREEMENT
(Construction Contract Over \$25,000)

THIS AGREEMENT, dated for identification November 1, 2025, is made and entered into between the CITY OF SACRAMENTO, a municipal corporation ("City"), and **John F. Otto Inc. dba Otto Construction** ("Contractor").

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 (if applicable)
- Local Business Enterprise (LBE) Requirements
- Requirements of the Non-Discrimination in Employee Benefits Code
- Ban-The-Box Requirements
- CWTA Requirements (if applicable)
- 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
- Project Progress Payment Application
- 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 each job/task order issued by City to Contractor under this Agreement. Contractor agrees to perform such Work in the manner designated 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 \$2,008,943.00, as 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, as defined in section 1-25 of the Standard Specifications ("Engineer"), shall present to the Contractor a statement, which may be in the form of a Project Progress Payment Application, 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 and execute the statement in writing, and the City's labor compliance officer provides written approval, the City shall issue a certificate for payment of ninety-five (95) percent of the amount in the statement 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. Contractor's written approval and execution of the statement shall contain a signed certification under penalty of perjury under the Laws of the State of California that all items, units, prices, and quantities listed in the monthly estimate are correct, and that all Work has been performed, and materials supplied in full accordance with the conditions of applicable laws, rules, and regulations, and the Contract Documents.
- C. No inaccuracy or error in said monthly statements or 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 statement, certificate, or estimate for payment.
- D. Contractor shall not be paid for any defective or improper Work.
- E. 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.
- F. 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.

- G. 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. PUBLIC WORKS REQUIREMENTS

- A. Payment of Prevailing Wages: Contractor and any subcontractor(s) performing any Public Work shall comply with the provisions of Sacramento City Code section 3.60.180 and applicable provisions of the California Labor Code, which require, among other things, that Contractor and all subcontractors pay not less than the prevailing rate of wages, as determined by the Director of the California Department of Industrial Relations ("DIR") in accordance with California Labor Code section 1773. Contractor and every subcontractor shall maintain payroll records and submit certified payrolls and other labor compliance documentation electronically when and as required by CITY. In addition, Labor Code Section 1771.4 requires the Contractor and any subcontractor performing any Public Work to furnish electronic payroll records directly to the Labor Commissioner. Contractor shall include these requirements in every subcontract.

This Agreement is subject to compliance monitoring and enforcement by the DIR, as specified in California Labor Code section 1771.4. The Contractor and any subcontractor will be subject to withholding and penalties for violation of prevailing wage requirements in accordance with applicable law, including Labor Code Sections 1726, 1741, 1771.5, and 1775, and City Code Section 3.60.180. Questions regarding the City's Labor Compliance Program should be directed to the City Representative.

- B. DIR Registration: California Labor Code Section 1725.5 requires the Contractor and all subcontractors performing Public Works services to be currently registered with the DIR, as specified in California Labor Code Section 1725.5. California Labor Code Section 1771.1 provides that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal (subject to the requirements of Section 4104 of the California Public Contract Code), or engage in the performance of any contract for Public Work, unless currently registered and qualified to perform Public Work in accordance with California Labor Code Section 1725.5.

Further information can be found on DIR's website at <http://www.dir.ca.gov/Public-Works/Contractors.html>. The above summary is provided solely for informational purposes and does not in any way affect the Contractor's and subcontractors' obligation to comply in all respects with all other applicable laws and regulations. The Contractor shall disseminate these provisions to all subcontractors.

Before the performance of work by Contractor or any subcontractor(s) under this Contract, Contractor shall furnish Contractor's and any subcontractors' current DIR registration number(s). The Contractor's current DIR registration number and the current DIR registration number of all subcontractors will be listed on the Subcontractor and LBE Participation Verification Form, incorporated herein.

- C. Workers' Compensation Certification. In accordance with California Labor Code Section 1861, by signing this Contract, Contractor acknowledges and represents that Contractor is aware of the provisions of section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and that Contractor will comply with the provisions of the Labor Code before commencing performance under this Contract.
- D. Apprentices. If this Contract is for the performance of any Public Work, and the amount of the Contract is \$30,000 or more, the Contractor and any subcontractors performing any Public Work under this Contract must comply with and be subject to enforcement under, the provisions of Sacramento City Code Section 3.60.190, Section 1777.5 et seq. of the California Labor Code, and implementing regulations set forth in Title 8 of the California Code of Regulations, governing the employment of apprentices. The Contractor and any subcontractors performing Public Work will be subject to penalties for apprenticeship violations in accordance with Labor Code Section 1777.7.
- E. Working Hours. If this Contract is for the performance of any Public Work, Contractor and any subcontractors performing any Public Work under this Contract must comply with and be subject to enforcement under, the provisions of Sacramento City Code Section 3.60.180 and California Labor Code Section 1810 et seq., governing the working hours of employees performing Public Work.
- F. Failure to Comply with Labor Compliance. If all applicable labor compliance requirements are not met, the City will have the right to withhold or reject a payment request and/or invoice, in whole or in part, without in any way relieving Contractor or its subcontractors of any obligations under this Contract.
- G. Subcontractors. The Contractor shall include these provisions A through F in every subcontract or sub-agreement for any subcontractors performing work under this Contract.

8. PERFORMANCE AND PAYMENT BONDS

Contractor must provide a Performance Bond and a Payment Bond to the City, each for a sum equal to one-hundred percent (100%) of the Contract amount. Each Bond shall be executed by a surety insurer admitted and duly authorized to transact business in the State of California. If the amount of this Contract is increased, Contractor shall increase the amount of the Performance and/or Payment bond if and to the extent required by the City.

9. 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.

10. 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.

11. TIME OF COMPLETION

The entire Work shall be brought to completion in the manner provided for in the Contract Documents on or before (120) working 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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 16, and the Contractor and its Surety shall be jointly and severally liable for these obligations.

17. 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 \$500 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.

- C. In the event Contractor shall become liable for liquidated damages, City, in addition to all other remedies provided by law, shall have the right to withhold any and all payments that otherwise would be or become due Contractor until the liability of Contractor under this section is finally determined. City shall have the right to use and apply such payments, in whole or in part, to reimburse City for all liquidated damages due or to become due to City. Any remaining balance of such payments shall be paid to Contractor only after discharge in full of all liability incurred by Contractor under this section or otherwise under any provision of the Contract Documents or any applicable Law or Regulation. If the sum so retained by City is not sufficient to discharge all such liabilities of Contractor, Contractor shall continue to remain liable to City until all such liabilities are satisfied in full. No failure by City to withhold any payment as specified above shall in any manner be construed to constitute a release of any such liabilities nor a waiver of the City's right to withhold payment for such liabilities.

18. 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 18, nor shall the limits of such insurance limit the liability of Contractor hereunder. The provisions of this Section 18 shall survive any expiration or termination of the Contract.

19. 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.

20. 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.

21. INSURANCE

During the entire term of the Contract, Contractor shall maintain the insurance coverage described in this Section 21.

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.

If the Contractor maintains broader coverage and/or higher limits than the minimums shown below, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

A. Minimum Scope & Limits of Insurance Coverage

- (1) Commercial General Liability Insurance is required 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. If a general aggregate limit applies, either the general aggregate limit shall apply separately (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

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

(2) Automobile Liability Minimum Scope and Limits of Insurance Coverage.
(Check the applicable provision)

☒ Automobile Liability Insurance is required 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 occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.
The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

☐ No automobile liability insurance is required, and by signing this Contract, Contractor certifies as follows:

“Contractor certifies that a motor vehicle will not be used in the performance of any work or services under this agreement. If, however, Contractor does transport items under this Contract, or this Contract is amended to require any employees of Contractor to use a vehicle to perform services under the Contract, Contractor understands that it must maintain and provide evidence of 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 occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.”

- (3) Excess Insurance: The Contractor may use Umbrella or Excess Policies to meet the required liability limits. This form of insurance will be acceptable provided that any umbrella or excess policies provide all of the insurance coverages required and meet the other requirements for the primary policies as set forth in this Agreement. Umbrella and/or Excess policies shall be provided on a true "following form" or broader coverage basis, with coverage at least as broad as provided in the underlying primary policy.

Umbrella or excess policies shall contain, or be endorsed to provide that the City, its officials, employees, and volunteers shall be covered as additional insureds, as well as a provision that it will apply on a primary basis for the benefit of the City. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers will be in excess of Contractor's umbrella or excess coverage and will not contribute to it. No insurance or self-insurance maintained by the City that applies to a loss covered herein, whether Primary or Excess, and which also applies to a loss covered hereunder, shall be called upon to contribute to a loss until the Contractor's Primary and Excess liability policies are exhausted.

- (4) Workers' Compensation Minimum Scope and Limits of Insurance Coverage. *(Check all applicable provisions)*

☒ Workers' Compensation Insurance is required 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 work or services will be performed on or at CITY facilities or CITY Property, therefore a Workers' Compensation waiver of subrogation in favor of the CITY is not required.

☐ No Workers' Compensation insurance is required, and by signing this Contract, Contractor certifies as follows:

"Contractor certifies that its business has no employees, and that it does not employ anyone, and is therefore exempt from the legal requirements to provide Workers' Compensation insurance. If, however, Contractor hires any employee during the term of this Contract, Contractor understands that Workers' Compensation with statutory limits and Employer's Liability Insurance with a limit

of not less than one million dollars (\$1,000,000) is required. The Workers' Compensation policy will include a waiver of subrogation in favor of the City."

B. 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 and non-contributory insurance as respects City, its officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers will be in excess of Contractor's insurance and will not contribute with it.
- (2) Any failure to comply with reporting provisions of the policies will 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.

C. Waiver of Subrogation.

Contractor hereby grants to City a waiver of any right to subrogation which any insurer may acquire against the City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from an insurer.

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 21 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 must be signed by an

authorized representative of the insurance carrier. Copies of policies shall be delivered to the City Representative on demand.

- (2) Contractor shall send all insurance certificates and endorsements, including policy renewals, during the term of this Contract directly to:

City of Sacramento
c/o Exigis LLC
PO Box 947
Murrieta, CA 92564

- (3) Certificate Holder must be listed as:

City of Sacramento
c/o Exigis LLC
PO Box 947
Murrieta, CA 92564

- (4) 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 this Section 21.

22. 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 22.

23. 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.

24. 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.

25. EXTENSION OF TIME

If the Contractor complies with Section 24, 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.

26. 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.

27. 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.

28. 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).

29. 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 16 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.

30. 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 28 and 29 are cumulative and are in addition to all other rights of City pursuant to the Contract and at law or in equity.

31. 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 30 above.

32. SURETIES' OBLIGATIONS UPON TERMINATION

If the City terminates the Contract pursuant to Section 30 or Section 31 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.

33. 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.

34. REPRESENTATIVES OF THE PARTIES.

A. City Engineer.

- (1) The Engineer for this Contract is:

*Josh Gibson/Facilities & Real Property Superintendent
915 I Street
Sacramento, CA 95814
916.808.8920/jgibson@cityofsacramento.org*

- (2) All Contractor questions and correspondence pertaining to this Contract must be addressed to the Engineer. In the event the City hires a third-party consultant to assist with construction management, the Engineer may direct Contractor to copy such consultant on questions and correspondence, but such a request does not constitute a delegation of authority to the third-party consultant to serve as the Engineer (i.e., any alterations, deviations, additions to, or deletions from the Work or any of the Contract Documents, must be authorized by the Engineer, not a third-party consultant, pursuant to a properly executed change order).

B. Contractor Representative.

- (1) The Contractor Representative for this Contract is:

Jose Meza/Senior Project Engineer
1717 2nd Street
Sacramento, CA 95811
916.200.7308/jmeza@ottoconstruction.com

- (2) All City questions pertaining to the Contract shall be referred to the Contractor Representative. All correspondence to Contractor shall be addressed to the Contractor Representative.

- C. Notice. Whenever the Contract Documents require that notice be provided to the other party, notice will be deemed to have been validly given: (i) if delivered in person to the individual intended to receive such notice; (ii) four (4) days after being sent by registered or certified mail, postage prepaid to the address indicated in the Contract; or (iii) if transmitted by email, by the time stated on the intended recipient's email.

35. 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.

36. 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.

37. 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.

38. DEBARMENT CERTIFICATION

A. Pursuant to 2 CFR, Part 200, and applicable Executive Orders, the City is restricted in its ability to contract with certain parties that are debarred, suspended, or otherwise excluded or ineligible for participating in Federal assistance programs or activities. By signing this Agreement, CONTRACTOR warrants and certifies under penalty of perjury under the laws of the State of California that Contractor, including any owner, partner, director, officer, or principal of the CONTRACTOR, or any person in a position with management responsibility or responsibility for the administration of federal funds:

- (1) Is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department/agency;
- (2) Has not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public transaction or contract (federal, state, or local); violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, receiving stolen property, or other criminal felony;
- (3) Is not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state, or local) with commission of any of the offenses enumerated in paragraph (b) above; or
- (4) Has not, within a three-year period preceding this certification, had one or more public contracts (federal, state, or local) or transactions terminated for cause or default.
- (5) Has not been notified, within a three-year period preceding this certification, been notified of any delinquent Federal taxes in an amount that exceeds \$3,500 for which the liability remains unsatisfied. Federal taxes are considered delinquent if the tax liability has been finally determined and the taxpayer is delinquent in making payment, as defined in Section 52.209-5 of the Federal Acquisition Regulations.

B. Contractor further warrants and certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from covered transactions

by any federal or state department/agency. Any exceptions to the warranties and certifications in this Section must be disclosed to the City.

- C. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining Contractor's responsibility. Disclosures must indicate to whom exceptions apply, the initiating agency, and dates of action.
- D. City will review the Federal Government's System for Award Management Exclusions maintained by the General Services Administration for eligibility, prior to the execution of this Agreement. The Contractor shall provide immediate written notice to the City if, at any time prior to execution, the Contractor learns this certification is erroneous or has become erroneous by reason of changed circumstances. If it is later determined that the Contractor's warranties and certification in this Section were erroneous, the City may terminate this Agreement for default.

39. COMMUNITY WORKFORCE TRAINING AGREEMENT *(Check below if the engineer's estimate of the total construction cost of the project or the actual cumulative bid amounts submitted by Contractor exceed \$1,000,000.)*

☒ X_ The work to be completed under this Agreement is subject to the City's Community Workforce Training Agreement ("CWTA") and CWTA Program. A copy of the CWTA and summary of its requirements are attached hereto as Exhibit X.

Prior to executing this Agreement, Contractor has executed Addendum A to the CWTA. All subcontractors (listed or hired after the time of bid or award) must also execute Addendum A to the CWTA prior to performing any Work.

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

Failure to sign and submit Addendum A 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. Failure to satisfy the requirements of the CWTA and demonstrate a good faith effort to meet any Local Hire and Priority Apprentice Goals (if applicable), 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.

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 11/24/2025

BY Allison Otto

Allison Otto

Print Name

President & CEO

Title

BY _____

Print Name

Title

1000005395

DIR Registration #

94-1431805

Federal ID#

129-5804-7

State ID#

151366

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

Type of Business Entity (*check one*):

____ Individual/Sole Proprietor

____ Partnership

X 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:


Ryan Meyerhoff (Nov 24, 2025 12:34:08 PST)

City Attorney

City Clerk



September 22, 2025

Josh Gibson
Facilities and Real Property Superintendent
City of Sacramento CCS

RE: OLD SACRAMENTO CHILDREN'S PLAY AREA PROJECT

Cost Breakdown:

1. General Conditions & General Requirements.....	\$236,173
2. Hazmat & Soils Testing.....	7,000
3. SWPPP BMPs.....	8,880
4. Dust control & street cleaning.....	7,910
5. Surveying.....	5,400
6. Masonry.....	42,000
7. Miscellaneous Metals.....	20,300
8. Rough Carpentry.....	40,059
9. Sheet Metal Flashing & Trim.....	10,000
10. Site Electrical.....	90,358
11. Site grading, utilities, site concrete, installation of playground equipment.....	1,101,413
12. Playground Surfacing.....	107,067
13. Fencing.....	56,802
14. Landscaping & Irrigation.....	75,040
15. Contingency.....	94,943
16. Payment & Performance Bonds.....	15,190
17. Builders Risk Insurance.....	Excluded
18. Fee (5%).....	90,418
Total.....	\$2,008,943

Exclusions:

1. Playground Structure (provided by Owner)
2. Site Furnishings PL-02 through PL-07 (provided by Owner)
3. Signage (provided by others)
4. Hazardous materials abatement and disposal (We have included costs for hazmat testing and soils testing. If hazardous materials are found, abatement and disposal will be an added cost.)
5. Air Quality Management fees
6. Builders Risk Insurance (if required, can be provided for an add of \$2,500)



7. Testing & Inspections
8. Off-hours work
9. Encroachment plans and/or fees
10. Utility costs or fees, other than \$1,988 irrigation meter noted on plans
11. Architectural & engineering fees
12. Permitting fees
13. Rain delays
14. Allowances

Thank you for the opportunity to provide a proposal. We look forward to working with you on this project.

Sincerely,

OTTO CONSTRUCTION

By:

A handwritten signature in blue ink, appearing to read "Natalie Hayward", is written over a horizontal line.

Natalie Hayward
Vice President/Estimating & Preconstruction

Addendum A

**COMMUNITY WORKFORCE AND TRAINING AGREEMENT
CITY OF SACRAMENTO**

AGREEMENT TO BE BOUND

The undersigned, as a Contractor or Subcontractor, including construction material trucking company/entity, (CONTRACTOR) on the City of Sacramento Project, (hereinafter PROJECT), for and in consideration of the award to it of a contract to perform work on said PROJECT, and in further consideration of the mutual promises made in this Community Workforce and Training Agreement (hereinafter AGREEMENT), a copy of which was received and is acknowledged, hereby:

(1) Accepts and agrees to be bound by the terms and conditions of the AGREEMENT for this Project, together with any and all amendments and supplements now existing or which are later made thereto.

(2) The CONTRACTOR agrees to be bound by the legally established local trust agreements designated in the applicable Master Agreement as described in Article XI of this AGREEMENT.

(3) The CONTRACTOR authorizes the parties to such local trust agreements to appoint trustees and successor trustees to administer the trust funds and hereby ratifies and accepts the trustees so appointed as if made by the CONTRACTOR.

(4) Certifies that it has no commitments or agreements which would preclude its full and complete compliance with the terms and conditions of said AGREEMENT.

(5) Agrees to secure from any CONTRACTOR(S) (as defined in said AGREEMENT) which is or becomes a subcontractor (of any tier) to it, a duly executed Agreement to be Bound in form identical to this document.

(6) This Agreement to be Bound constitutes a subscription agreement to the extent of its terms. However, the undersigned agrees to execute a separate Subscription Agreement(s) or contributing employer agreement for Trust Funds when such Trust Fund(s) requires such document(s).

Date: November 11, 2025

JOHN F. OTTO, INC. dba OTTO CONSTRUCTION

Name of Contractor

Natalie Hayward

(Name of Contractor Representative)

Vice President/Estimating & Preconstruction

(Authorized Officer & Title)

178809

CSLB # or Motor Carrier Permit

GENERAL REQUIREMENTS

A. SCOPE AND LOCATION OF WORK

The work to be performed under these Special Provisions consists of improvements at 1200 Front Street in Old Sacramento. The improvements will consist of a large play structure with a slide and a bridge that connects a smaller structure with a smaller slide. Included are custom pieces purchased by the City and created to look like tule huts, a tule boat, and grinding stones, along with a custom archway. The site will be enclosed with a fence around the entire play area, landscaping, lighting, signage, decorative concrete pavement, and poured in place rubber surfacing. In addition, the site will also include a trash enclosure which will be used strictly for the restaurants adjacent to the site.

B. COMPLETION TIME

The time for the completion of all work is ONE HUNDRED AND TWENTY (120) Working Day from the Notice to Proceed to 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 "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 Architect, City inspectors, and with other Contractors that may be working at the same jobsite as directed by the 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 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 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 responsible bidder shall provide a Schedule of Unit Prices to the Project Manager prior to the award of the Contract. The form for the Schedule of Unit Prices will be provided to the bidder by the Project Manager 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

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 Sabrina Tefft, Office of Innovation and Economic Development, 915 I Street, 3rd Floor, Sacramento, CA 95814, email: stefft@cityofsacramento.org.

It shall also be the bidder's responsibility to call to the attention of the Project Administrator listed in PlanetBids any missing pages or drawings in the contract documents, including the addenda. These items shall be brought to the attention of the Project Administrator listed in PlanetBids 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 Project Manager 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 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 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 ensure that such items are equal to those specified. The 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 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 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 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 Architect shall be notified for approval. The Contractor will be held responsible for deviations made without first obtaining the 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 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 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 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 existing drainage facilities so storm drainage runoff 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 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.

One (1) copy of such submittals shall be furnished for review by the 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 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 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 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.

1.03 Each Bidder is to critically appraise and evaluate the reasonably anticipated costs and time impacts, if any, which may need to be accounted for considering 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 checklist before entering the 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) are 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 – Playground equipment

This item shall consist of receiving, storing, and installing city purchased play equipment, as shown on the plans.

Item No. 3 – 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 Architect upon completion, and include the follows:

1. Building Inspection Updates – Contractor shall provide the 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/Project Manager, 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, 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 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 professional engineer responsible. This report will be needed for the Building Inspector at the final inspection, for final approval.



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 Gale O'Neill at goneill1@cityofsacramento.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> 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.

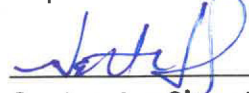
Pay Requests

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 LCPTTracker.

Completion of Project

- **Form 264** The Contractor Notification of Completion must be uploaded into LCPTTracker. 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

Natalie Hayward, Vice
President/Estimating & Preconstruction

Title

JOHN F. OTTO, INC. dba OTTO CONSTRUCTION

Contractor Printed Name

November 11, 2025

Date

All of the forms discussed in this document can be found in LCPTTracker 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:

Gale O'Neill
Contract and Compliance Specialist
Department of Convention & Cultural Services
City of Sacramento
p. (916) 808-7154
goneill1@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.

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:	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
	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: JOHN F. OTTO, INC. dba OTTO CONSTRUCTION

BY:  Natalie Hayward, Vice President/Estimating & Preconstruction Date: November 11, 2025

Signature Title

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.

**Old Sacramento Children's Play Area
PN: M17700102
Bid #B26170102001**

In accordance with Article 5 (commencing at Section 1860), Chapter 1, Part 7, Division 2 of the Labor Code, the below certificate must be signed and filed with the awarding body prior to performing any work under this contract. Labor Code Section 3700, inter alia, states the following:

"Every employer shall secure the payment of compensation in one or more of the following ways:

- "(a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.
- "(b) By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

To be signed by authorized corporate officer or partner or individual submitting the Proposal. If Bidder is: (example)

1. An individual using a firm name, sign: "John Doe, an individual doing business as Blank Company."
2. An individual doing business under his own name, Sign: your name only.
3. A co-partnership, sign: "John Doe and Richard Doe, co-partners doing business as Blank Company, by, John Doe, co-partner.
4. A corporation, sign: "Blank Company, by John Doe, Secretary." (or other title)

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

DATE: November 11, 2025

Contractor JOHN F. OTTO, INC. dba OTTO CONSTRUCTION

By 

Signature

Natalie Hayward, Vice President/Estimating & Preconstruction

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 5% 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 5% 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	JOHN F. OTTO, INC. dba OTTO CONSTRUCTION
(REQUIRED) Prime Contractor DIR Registration #	1000005395

Business Name	Flexground	Subcontractor or Supplier? (Concrete delivery companies, temp fence 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#	1102706	DIR Registration# (10 digits)	1001030031
Address	2017 Opportunity Drive	Does this subcontractor or supplier qualify as an LBE?	No
City, State, Zip	Roseville, CA 95678	Estimated dollar value of work, services or materials to be performed of provided	\$ 107,067
Contact Person	Sandi Walsh	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	sandi.walsh@flexground.com	Play Surfacing	
Phone	916.275.3588		

Business Name	Cornerstone Masonry	Subcontractor or Supplier? (Concrete delivery companies, temp fence 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#	692989	DIR Registration# (10 digits)	1000024727
Address	PO Box 3617	Does this subcontractor or supplier qualify as an LBE?	No
City, State, Zip	Salinas, CA 93912	Estimated dollar value of work, services or materials to be performed of provided	\$ 42,000
Contact Person	Boyce Silva	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	bsilva@csmasonryinc.com	Masonry	
Phone	559.960.0388		

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 submitted 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.

	Natalie Hayward, Vice President/Estimating & Preconstruction	November 10, 2025	\$ 2,008,943
Signature (Principal of Firm)	Title	Date	Total Bid Amount (including additive alternates if applicable)

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.

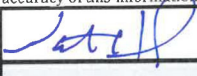
COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY

Prime Contractor Name	JOHN F. OTTO, INC. dba OTTO CONSTRUCTION
(REQUIRED) Prime Contractor DIR Registration #	1000005395

Business Name	Pisor Fence Division	Subcontractor or Supplier? (Concrete delivery companies, temp fence 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#	316128	DIR Registration# (10 digits)	1000003166
Address	PO Box 7213	Does this subcontractor or supplier qualify as an LBE?	No
City, State, Zip	Citrus Heights, CA 95621	Estimated dollar value of work, services or materials to be performed of provided	\$ 56,802
Contact Person	Calen Cordova	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	ccordova@pisorfence.net	Fencing	
Phone	916.402.6580		

Business Name	Absolut Electric	Subcontractor or Supplier? (Concrete delivery companies, temp fence 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#	917514	DIR Registration# (10 digits)	1000002429
Address	2797 Del Monte	Does this subcontractor or supplier qualify as an LBE?	Yes
City, State, Zip	West Sacramento, CA 95841	Estimated dollar value of work, services or materials to be performed of provided	\$ 90,358
Contact Person	Bob Kemp	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	bkemp@absolutelectricinc.com	Electrical	
Phone	916.883.2569		

Thereby 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 sublihted 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.

	Natalie Hayward, Vice President/Estimating & Preconstruction	November 10, 2025	\$ 2,008,943
Signature (Principal of Firm)	Title	Date	Total Bid Amount (including additive alternates if applicable)

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	JOHN F. OTTO, INC. dba OTTO CONSTRUCTION
(REQUIRED) Prime Contractor DIR Registration #	1000005395

Business Name	Robert A. Bothman Construction	Subcontractor or Supplier? (Concrete delivery companies, temp fence 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#	440332	DIR Registration# (10 digits)	1000000846
Address	2690 Scott Boulevard	Does this subcontractor or supplier qualify as an LBE?	No
City, State, Zip	Santa Clara, CA 95050	Estimated dollar value of work, services or materials to be performed of provided	\$ 1,101,413
Contact Person	Roque Arteaga Jr.	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	rarteaga@bothman.com	Site Work, Demolition, Concrete, Underground Utilities, Play equipment installation	
Phone	408.690.1980		

Business Name	Marina Landscape, Inc.	Subcontractor or Supplier? (Concrete delivery companies, temp fence 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#	492862	DIR Registration# (10 digits)	1000000079
Address	1683 E. Louis Avenue	Does this subcontractor or supplier qualify as an LBE?	No
City, State, Zip	Lathrop, CA 95330	Estimated dollar value of work, services or materials to be performed of provided	\$ 75,040
Contact Person	Francisco Trejo	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	Francisco.Trejo@marinaco.com	Landscaping & Irrigation	
Phone	925.719.9135		

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 submitted 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.

	Natalie Hayward, Vice President/Estimating & Preconstruction	November 10, 2025	\$ 2,008,943
Signature (Principal of Firm)	Title	Date	Total Bid Amount (including additive alternates if applicable)

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 5% 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 5% LBE participation or the inclusion of false information or the omission of required information will render the bid non-responsive.

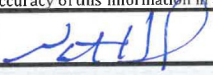
COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY

Prime Contractor Name	JOHN F. OTTO, INC. dba OTTO CONSTRUCTION
(REQUIRED) Prime Contractor DIR Registration #	1000005395

Business Name	Otto Construction	Subcontractor or Supplier? <i>(Concrete delivery companies, temp fence companies that perform labor of installing or removing fencing and surveyors require DIR Registration)</i>	<input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier
CSLB/Professional License#	178809	DIR Registration# <i>(10 digits)</i>	1000005395
Address	1717 2nd Street	Does this subcontractor or supplier qualify as an LBE?	Yes
City, State, Zip	Sacramento, CA 95811	Estimated dollar value of work, services or materials to be performed of provided	\$ 40,059
Contact Person	Jose Meza	Type of Work, Services, or Materials to be provided to complete contract.	
Email Address	jmeza@ottoconstruction.com	Rough Carpentry	
Phone	916.200.7308		

Business Name		Subcontractor or Supplier? <i>(Concrete delivery companies, temp fence companies that perform labor of installing or removing fencing and surveyors require DIR Registration)</i>	<input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier
CSLB/Professional License#		DIR Registration# <i>(10 digits)</i>	
Address		Does this subcontractor or supplier qualify as an LBE?	
City, State, Zip		Estimated dollar value of work, services or materials to be performed of provided	\$
Contact Person		Type of Work, Services, or Materials to be provided to complete contract.	
Email Address			
Phone			

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 submitted 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.

	Natalie Hayward, Vice President/Estimating & Preconstruction	November 10, 2025	\$ 2,008,943
Signature (Principal of Firm)	Title	Date	Total Bid Amount (including additive alternates if applicable)

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:	Jose Meza (916) 200 7308 jmeza@ottoconstruction.com
	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:	1200 Front Street Sacramento, CA 95821		
Contractor:	Otto Construction	Phone:	916 200 7308
Address:	1717 2nd Street , Sacramento, CA 95811	Email:	jmeza@ottoconstruction.com
Owner:	City of Sacramento	Phone:	
Address:	915 I Street Sacramento, CA 95814	Email:	

Briefly describe the project:

The project involves constructing a new play area in Old Sacramento, including the demolition of existing structures and the addition of a new trash enclosure, landscaping, lighting, and play equipment.

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: Atlas Disposal Industries

Facilities to receive debris: L and D Landfill

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

Office Use Only:	Received by: _____					On date: _____
	<input type="checkbox"/> Logged	<input type="checkbox"/> Approved	<input type="checkbox"/> Scanned	<input type="checkbox"/> Payment Processed	<input type="checkbox"/> 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.

CITY OF SACRAMENTO
DEPARTMENT OF
CONVENTION & CULTURAL SERVICES
CONSTRUCTION PLANS FOR:
OLD SACRAMENTO
CHILDREN'S PLAY AREA

ADDRESS: 1200 FRONT STREET
SACRAMENTO, CA 95821
PARCEL NO.: 006-0136-025-0000
TOTAL AREA DISTURBED: 7,374 SF

DECLARATION OF RESPONSIBLE CHARGE:
I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT OF WORK FOR THIS PROJECT, THAT I
HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION
6115 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH THE
CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS
BY THE CITY OF SACRAMENTO CONSTITUTES REVIEW OF THE DESIGN ONLY AND DOES NOT RELIEVE ME
AS LANDSCAPE ARCHITECT OF WORK OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

LANDSCAPE ARCHITECT REG. NO. EXP. DATE



PREPARED BY:

LANDSCAPE ARCHITECT:
DAVE CUBBERLY, PLA
STANTEC
555 CAPITOL MALL, SUITE 650
SACRAMENTO, CA 95814
PHONE: (916) 669-5944

ARCHITECT:

BRIAN CRILLY, AIA
STANTEC
555 CAPITOL MALL, SUITE 650
SACRAMENTO, CA 95814
PHONE: (916) 754-4340

CIVIL ENGINEER:

ANDREW CHRISTIANSEN, PE
STANTEC
555 CAPITOL MALL, SUITE 650
SACRAMENTO, CA 95814
PHONE: (916) 669-5916

ELECTRICAL ENGINEER:

KEVIN KINOSHITA, PE
STANTEC
555 CAPITOL MALL, SUITE 650
SACRAMENTO, CA 95814
PHONE: (916) 669-5991

LANDSCAPE DOCUMENTATION PACKAGE

PROJECT INFORMATION

DATE: 4/10/2025
PROJECT NAME: OLD SACRAMENTO CHILDREN'S PLAY AREA
APPLICANT / OWNER: CITY OF SACRAMENTO,
915 I STREET, SACRAMENTO, CA 95814
CONTACT: SABRINA TEFFT, 916.808.3789

IRRIGATED LANDSCAPE AREA 2,795 SQ. FT.

WATER SOURCE: POTABLE

WATER EFFICIENT LANDSCAPE WORKSHEET

HYDROZONE INFORMATION TABLE: SEE SHEET U400

WATER BUDGET CALCULATIONS: SEE SHEET U400

LANDSCAPE DESIGN PLAN: SEE SHEET LP101

IRRIGATION DESIGN PLAN: SEE SHEET LI101

GRADING DESIGN PLAN: SEE SHEET C200

*IRRIGATION AUDIT SHALL BE CONDUCTED BY A THIRD PARTY IRRIGATION AUDITOR.
LANDSCAPE AUDITS SHALL NOT BE CONDUCTED BY THE PERSON WHO DESIGNED
THE LANDSCAPE OR INSTALLED THE LANDSCAPE. IRRIGATION AUDIT REQUIRED AS
REQUIRED.
THE APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE
CERTIFICATE OF COMPLETION TO THE LOCAL AGENCY THAT MAY INCLUDE, BUT
IS NOT LIMITED TO: INSPECTION, SYSTEM TUNE-UP, SYSTEM TEST WITH
DISTRIBUTION UNIFORMITY, REPORTING OVERSPRAY OR RUN OFF THAT CAUSES
OVERLAND FLOW AND PREPARATION OF AN IRRIGATION SCHEDULE, INCLUDING
CONFIGURING IRRIGATION CONTROLLERS WITH APPLICATION RATE, SOIL TYPES,
PLANT FACTORS, SLOPE, EXPOSURE AND OTHER FACTORS NECESSARY FOR
ACCURATE PROGRAMMING.

I AGREE TO COMPLY WITH THE REQUIREMENTS FOR THE PERFORMANCE
COMPLIANCE OPTION OF THE MHELO AND SUBMIT A COMPLETE LANDSCAPE
DOCUMENTATION PACKAGE.

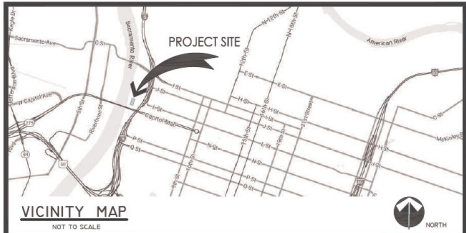
SIGNED: DATE:

GENERAL NOTES

- COORDINATION OF CONTRACT DOCUMENTS: REFER TO SECTION 5-3 COORDINATION OF CONTRACT DOCUMENTS OF THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS FOR PUBLIC CONSTRUCTION DATED NOV 2020 INCLUDING ALL APPLICABLE ADDENDA AND MEMORANDA.
- TRAFFIC CONTROL REQUIREMENT: REFER TO SECTION 6-10 TRAFFIC CONTROL REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- EXISTING FACILITIES: REFER TO SECTION 13 EXISTING FACILITIES OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- LOCATION AND PROTECTION OF EXISTING UTILITIES: REFER TO SECTION 5-19 MAIN AND TRUNKLINE UTILITIES OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS. PURSUANT TO THIS SECTION THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL EXISTING UTILITIES AND PROTECTING AND REPAIRING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-642-2444) TWO WORKING DAYS PRIOR TO WORK COMMENCEMENT.
- PERMANENT SURVEY MONUMENTS: REFER TO SECTION 5-8 PERMANENT SURVEY MONUMENT OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- IF HUMAN BURIALS ARE ENCOUNTERED: ALL WORK IN THE AREA SHALL STOP IMMEDIATELY AND THE CITY OF SACRAMENTO AND THE SACRAMENTO COUNTY CORONER'S OFFICE SHALL BE NOTIFIED IMMEDIATELY. IF THE REMAINS ARE DETERMINED TO BE NATIVE AMERICAN IN ORIGIN, BOTH THE NATIVE AMERICAN HERITAGE COMMISSION AND ANY IDENTIFIED DESCENDANTS MUST BE NOTIFIED AND RECOMMENDATIONS FOR TREATMENT SOLICITED, PURSUANT TO: CEQA.

- SECTION 15064.5, HEALTH AND SAFETY CODE SECTION 7050.9, PUBLIC RESOURCES CODE SECTION 5097.94 AND 5097.98.
- TRENCH SAFETY PLANS: REFER TO SECTION 6-8 TRENCH SAFETY PLANS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- PROTECTION OF WORK, PERSONS AND PROPERTY AGAINST DAMAGE: REFER TO SECTION 7-4 PROTECTION OF WORK, PERSONS AND PROPERTY AGAINST DAMAGE OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- RECORD DRAWINGS: REFER TO SECTION 5-8 RECORD DRAWINGS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- LAWS, REGULATIONS: REFER TO SECTION 6-1 LAWS TO BE OBSERVED AND SECTION 6-2 CERTAIN LAWS AFFECTING THE WORK OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR REQUIREMENTS.
- GEOTECHNICAL ENGINEER: TBD

Stantec
Stantec Consulting Services Inc.
555 Capitol Mall Suite 650
Sacramento, CA
95814-6083
Tel: (916) 442-3240
Fax: (916) 442-3240
www.stantec.com



SHEET INDEX		
Sheet	Drawing	Sheet Title
1	C001	COVER SHEET
2	C002	GENERAL NOTES
3	LD101	EXISTING CONDITIONS AND DEMOLITION PLAN
4	LL101	LAYOUT AND MATERIALS PLAN
5	LL102	LAYOUT AND DIMENSION PLAN
6	AP101	ACCESSIBILITY PLAN
7	LL401	PLAYGROUND EQUIPMENT
8	LL402	PLAYGROUND EQUIPMENT SHEET
9	LL501	LAYOUT DETAILS
10	LL502	LAYOUT DETAILS
11	LL503	LAYOUT DETAILS
12	LI101	IRRIGATION PLAN
13	LI400	IRRIGATION CALCULATIONS
14	LI501	IRRIGATION DETAILS
15	LI502	IRRIGATION DETAILS
16	LP101	PLANTING PLAN
17	LP501	PLANTING DETAILS
18	C100	GENERAL NOTES
19	C200	GRADING PLAN
20	C300	UTILITY PLAN
21	C400	GROSS SECTIONS
22	C500	EROSION CONTROL PLAN
23	C600	CONSTRUCTION DETAILS
24	E001	ELECTRICAL LEGEND, NOTES, DETAILS & SHEET INDEX
25	E002	ONE LINE DIAGRAM AND PANEL SCHEDULE
26	E101	ELECTRICAL PLAN
27	E200	PHOTOMETRIC CALCULATION
28	A101	FLOOR PLANS, ELEVATIONS & SECTIONS
29	A102	EXTERIOR DETAILS
30	A103	EXTERIOR DETAILS & GENERAL NOTES
31	A104	SPECIAL INSPECTIONS & GENERAL NOTES

CITY REPRESENTATIVE:
SABRINA TEFFT
CITY OF SACRAMENTO,
OFFICE OF INNOVATION AND ECONOMIC DEVELOPMENT
915 I STREET
SACRAMENTO, CA 95814
TELEPHONE: 916.808.3789

APPROVED BY:

TBD (DATE)

TBD (DATE)

APPLICABLE CODES:
2022 CALIFORNIA BUILDING CODE (CBC) WITH CITY OF SACRAMENTO AMENDMENTS
2022 CALIFORNIA PLUMBING CODE (CPC)
2022 CALIFORNIA ELECTRICAL CODE (CEC)

CITY OF SACRAMENTO
DEPT. OF CONVENTION AND CULTURAL SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814
Stantec
CONVENTION & CULTURAL SERVICES

OLD SACRAMENTO CHILDREN'S
PLAY AREA
COVER SHEET

DESIGN BY:
Stantec

DATE: 04/10/2025

SCALE: AS SHOWN

P. N.

REVISIONS

001

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TREE PROTECTION NOTES

1. THE CONTRACTORS SHALL BE HELD LIABLE FOR ANY DAMAGES TO EXISTING TREES, I.E. TRUNK WOUNDS, BROKEN LIMBS, POURING OF LIXIVIANS, MATERIALS, OR CONCRETE, WITHOUT UNDER THE DHP LINE OF THE TREES. DAMAGES WILL BE ASSESSED USING THE "GUIDE TO PLANT APPRAISAL", 9TH EDITION, PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE, AN APPRAISAL REPORT SHALL BE SUBMITTED FOR REVIEW BY THE CITY ARBORIST.
2. SUPPLEMENTAL IRRIGATION WILL BE REQUIRED FOR TREES AND SHRUBS ON AND ADJACENT TO THE PROJECT SITE WHERE THE IRRIGATION HAS BEEN TURNED OFF OR MOVED BECAUSE OF THE CONSTRUCTION ACTIVITIES. AT MINIMUM, TREES IDENTIFIED FOR SUPPLEMENTAL IRRIGATION SHALL BE WATERED DURING CONSTRUCTION IF IT HAS BEEN MORE THAN 30 DAYS SINCE THE LAST MEASUREMENT. PRE-IRRIGATION, A 6-INCH-DIAMETER HOLE MAY BE CONSTRUCTED AROUND THE PRESERVED TREES OR CLUSTERS OF PRESERVED TREES TO SERVE AS A DRAIN TO REMOVAL OF SUPPLEMENTAL WATER. THIS DRAIN MAY BE CONSTRUCTED OUT OF EARTH OR LINED WITH A DRAIN. THE DRAIN SHALL BE CONSTRUCTED AT APPROXIMATELY 10 FEET FROM THE TRUNK OF THE TREE. SUPPLEMENTAL WATER SHALL BE APPLIED EVERY 2 WEEKS AND IN SUFFICIENT QUANTITY TO FILL WATER UP TO THE TOP OF THE BEAM. IRRIGATION WATER MAY BE APPLIED BY WANDER MEANS ARE MOST PRACTICAL INCLUDING HAND WATERING OR USING WATER TANKER TRUCKS ALREADY ON SITE TO CONTROL DUST.
3. TWO PROJECTS SHALL CONTRACT WITH A MOST PRACTICAL EXPERIENCED WITH TREE PROTECTION AND CONSTRUCTION THAT IS REQUIRED TO:
 - a. attend the preconstruction meetings to approve of and inform contractors of all tree protection measures.
 - b. visit the site before and after demolition, grading and landscaping as well as at least twice each month during construction to ensure that tree protection measures are implemented and maintained.
 - c. be responsible for correcting any site conditions that may negatively impact the trees and revisit the site to ensure that corrective action was properly implemented.
 - d. the project arborist shall report in writing to urban forestry all violations and tree protection failures along with corrective action taken and expected outcome.
4. ALL CONCRETE SIDEWALKS AND DRIVEWAYS SHALL BE REMOVED THROUGHOUT CONSTRUCTION TO PROTECT THE ROOTS AND SOIL FROM THE IMPACTS OF CONSTRUCTION ACTIVITIES UNLESS SPECIFIED FOR REMOVAL.
- 4.1. EXISTING DRIVEWAYS SHALL BE USED AS THE SOLE ACCESS TO THE SITE WHERE THERE ARE NO EXISTING DRIVEWAYS. ACCESS SHALL BE LIMITED TO A ONE OR TWO LOCATIONS OUTSIDE THE OUTLINE OF PROTECTED TREES THAT HAVE PROTECTION FROM SOIL, CONSTRUCTION WITH THE USE OF ONE OR MORE OF THE FOLLOWING: A 6-INCH LAYER OF HARDWOOD CHIPS COVERED BY 3/4-INCH FLUMED OR TREX PLANKS, GEOTEXTILE FABRIC COVERED BY A 6-INCH LAYER OF HARDWOOD CHIPS OR AN ALTERNATE THAT IS APPROVED BY THE CITY ARBORIST.
5. RIGHT-OF-WAY PLANTINGS AND CITY TREES SHALL BE SEPARATED FROM THE CONSTRUCTION SITE WITH A SIX-FOOT HIGH CHAIN LINK FENCE THAT SHALL REMAIN THROUGHOUT THE DURATION OF THE PROJECT TO PROTECT TREES AND TO PREVENT CONSTRUCTION TRAFFIC FROM COMPACTING THE SOIL IN THE PLANTERS.
6. CONSTRUCTION TRAILERS AND POST-HOLETS SHALL BE PLACED ON EXISTING HARDCORE OR BRIDGED OVER THE TREE PROTECTION ZONE OR PLANTER SO AS NOT TO COMPACT SOIL.
7. ANY REGULATED WORK WITHIN THE PROTECTION ZONE OF A PROTECTED TREE SHALL BE SEPARATELY PERMITTED PRIOR TO THE START OF CONSTRUCTION AND SUPERVISED BY A QUALIFIED ARBORIST. SUBMIT A TREE PERMIT APPLICATION AND A TREE EXCAVATION, GRADING, OR REMOVAL WITHIN THE OUTLINE OF A PROTECTED TREE FOR THE PURPOSE OF UTILITY INSTALLATION, CONSTRUCTIVE FOUNDATIONS, FOOTINGS, SIDEWALKS, CURBS, OUTLETS, OR ANY OTHER REASON SHALL DULIFY ONE OF THE FOLLOWING METHODS: HYDRO-EXCAVATION, PNEUMATIC EXCAVATION OR HAND DIGGING AND SHALL BE DIRECTLY SUPERVISED BY A QUALIFIED ARBORIST.
8. THERE SHALL BE NO EXCAVATION DEEPER THAN THE EXISTING EXCAVATION FOR SIDEWALKS WITHIN THE OUTLINE OF PROTECTED TREES.
9. THERE SHALL BE NO GRADE CHANGES WITHIN THE OUTLINE OF PROTECTED TREES. ALL GRADE CHANGES SHALL BE ACCOMMODATED INSIDE WITHIN THE PROTECTION AREA.
10. THERE SHALL BE NO SOIL COMPACT WITHIN THE OUTLINE OF PROTECTED TREES WITHIN THE TREE PROTECTION AREA.
11. THERE SHALL BE NO NON-WATABLE, SOIL, NON-HORGANIC WATER OR STRUCTURAL SOIL ADJACENT TO THE RIGHT-OF-WAY PLANTER.
12. THE FOLLOWING IS A LIST OF ACTIVITIES THAT REQUIRE A TREE PERMIT IF THEY ARE TO BE USED WITHIN THE RIGHT-OF-WAY PLANTER AND/OR WITHIN THE TREE PROTECTION ZONE OF PROTECTED TREES: ANY REGULATED WORK AS DEFINED IN SCC 12.6.6. EXCAVATION, GRADE CHANGES, TRENCHESS, ROOF OR CANOPY PRUNING OR BORING.
14. THE FOLLOWING IS A LIST OF ACTIVITIES THAT ARE PROHIBITED WITHIN THE RIGHT-OF-WAY PLANTER AND/OR TREE PROTECTION ZONE OF PROTECTED TREES: PEDESTRIAN AND EQUIPMENT TRAFFIC THAT COULD COMPACT THE SOIL OR PHYSICALLY DAMAGE ROOTS, PARKING VEHICLES, EQUIPMENT AND/OR PORTABLE TOILETS, STORING OF SOIL, CONSTRUCTION MATERIALS, PETROLEUM PRODUCTS, WATER OR BUILDING REFUSE, DISPOSING OF WASH WATER, PAINT, CONCRETE, FUEL OR OTHER POTENTIALLY DAMAGING LIQUIDS AND ANY OTHER ACTIVITIES THAT MAY HAVE NEGATIVE IMPACTS ON THE TREES AND SOIL.

DEMOLITION NOTES

1. CONTRACTOR SHALL REVIEW AND UNDERSTAND SITE CONDITIONS PRIOR TO BID.
2. ALL EXISTING ADVERTISEMENTS SHOWN TO REMAIN SUCH AS CURBS, DRAINS, UTILITIES, ETC. SHALL BE REPLACED BY THE CONTRACTOR IF DAMAGED DURING CONSTRUCTION. ADVERTISEMENTS SHALL BE REPLACED IN KIND OR BETTER THAN CURRENT CONDITION.
3. ALL ITEMS TO BE DEMOLISHED SHALL BE LEGALLY DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL WASTE MATERIAL OFF-SITE.
4. ALL SITE VEGETATION, TRASH AND DEBRIS IN PROJECT AREAS IMPACTED BY NEW CONSTRUCTION SHALL BE REMOVED AND PROPERLY DISPOSED OF AT A STATE APPROVED WASTE DISPOSAL FACILITY.
5. CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING IF ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS ARE ENCOUNTERED.
6. CONTRACTOR SHALL REMOVE ALL IRRIGATION HEADS AND PROVIDE A PERMANENT CAP BELOW GRADE. PERMANENT CAPS SHALL BE PROVIDED ON ALL UNBROKEN LINES.
7. CONTRACTOR SHALL CUT AND PERMANENTLY CAP ALL KNOWN AND/OR LOCATABLE IRRIGATION CONNECTIONS, NEW CONNECTIONS AND EQUIPMENT SHALL BE PROVIDED PER IRRIGATION AND PLUMBING DRAWINGS IN THIS DRAWING SET. CONTRACTOR TO REMOVE UNUSED IRRIGATION CONTROL VALVES, BOXES AND WIRES.
8. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE IRRIGATION AND MAINTENANCE OF EXISTING AND PROPOSED PLANT MATERIALS AT ALL TIMES UNTIL FINAL ACCEPTANCE.
9. CONTRACTOR TO PERFORM CLEANING AND RINSING ON SITE EXCEPT FOR AREAS UNDER EXISTING TREES. IN AREAS UNDER EXISTING TREES, ALL TOPSOIL TO REMAIN IN PLACE AND NOT BE DISTURBED. CONTRACTOR TO MANUALLY REMOVE WEEDS AND ANY DEBRIS. REFER TO TREE PROTECTION NOTES.
10. EXISTING UTILITIES SHOWN HEREIN ARE APPROXIMATE ONLY AND MAY NOT SHOW ALL EXISTING FACILITIES WITHIN THE PROJECT AREA. CONTRACTOR MUST FIELD VERIFY AND PINPOINT EXISTING UTILITIES WITHIN THE PROJECT AREA PRIOR TO BEGINNING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE PROTECTED IN PLACE DURING CONSTRUCTION.

LAYOUT NOTES

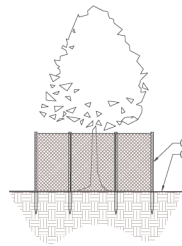
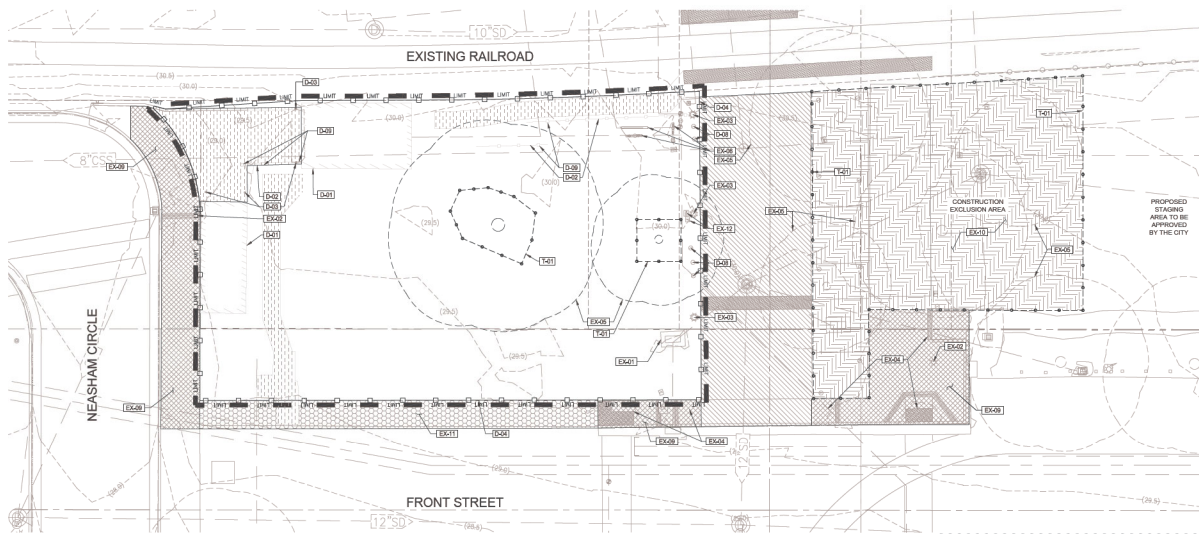
1. WRITTEN DIMENSIONS SHALL TAKE PRECEDENT OVER SCALED DIMENSIONS. ALL FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
2. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IN WRITING.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ANY UNDERGROUND UTILITIES. DAMAGE CAUSED BY THE CONTRACTOR'S INSTALLATION SHALL BE REPAIRED TO THE SATISFACTION OF THE GOVERNING AGENCY AND/OR OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS OF SUCH REPAIRS. CONTRACTOR SHALL CONTACT #11 UNDERGROUND SERVICE ALERT FOR LOCATION OF ALL UNDERGROUND UTILITIES FORTY EIGHT (48) HOURS BEFORE STARTING EXCAVATION.
4. VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK. NOTIFY THE OWNER IF THERE ARE SUBSTANTIAL DISCREPANCIES.
5. ALL TRADES SHALL COORDINATE WORK SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER. INTERFERENCES SHALL MEET ALL ACCESSIBILITY RULES AND REGULATIONS AS SET FORTH BY THE AMERICAN WITH DISABILITIES ACT (ADA). THE REQUIREMENTS OF ADA WILL BE SUBJECT TO VARIOUS AND POSSIBLY CONTRADICTORY INTERPRETATIONS. THE LANDSCAPE ARCHITECT HAS USED THEIR BEST PROFESSIONAL JUDGMENT TO INTERPRET APPLICABLE ADA REQUIREMENTS AND OTHER FEDERAL, STATE AND LOCAL LAWS, RULES, CODES, ORDINANCES AND REGULATIONS AS THEY APPLY TO THIS PROJECT.
6. ALL DIMENSIONS ARE TO FACE OF CONCRETE PLUMBING, FACE OF CURB, OR CENTER POINT OF RADII.
7. SLEEVING SHALL BE INSTALLED PRIOR TO PLACING CONCRETE WORK. REFER TO IRRIGATION PLAN. CONTRACTOR TO STUDY IRRIGATION PLAN TO DETERMINE EXACT LOCATION OF SLEEVING. CONTRACTOR TO PROVIDE PROTECT FOR ALL SLEEVE LOCATIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT NO ADDITIONAL COST TO THE OWNER, ANY EXISTING AREAS TO REMAIN WHICH ARE DISTURBED AS A CONSEQUENCE OF THE CONTRACTOR'S CONSTRUCTION OPERATIONS.
9. ALL MATERIALS AND FINISHES SHALL BE AS PER DRAWINGS, DETAILS AND SPECIFICATIONS. SOME MATERIALS MAY REQUIRE A SEVERAL-WEEK LEAD TIME. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ANY AND ALL UNDER LEAD TIMES AND PROVIDING REQUIREMENTS AT THE PROJECT SITE IN A TIMELY MANNER. NO UNAPPROVED SUBSTITUTIONS WILL BE ALLOWED. CONTACT THE OWNER IMMEDIATELY IF A SPECIFIED MATERIAL IS NOT AVAILABLE.

PLANTING NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY PLANT QUANTITIES FROM LANDSCAPE PLAN. QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.
2. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IN WRITING.
3. NO PLANTING SHALL BE STARTED UNTIL FINISH GRADING AND IRRIGATION SYSTEM HAVE BEEN COMPLETED AND APPROVED BY THE OWNER.
4. IMMEDIATELY UPON AWARD, CONTRACTOR SHALL SECURE PLANT MATERIALS AS SPECIFIED AND CONTACT THE OWNER FOR APPROVED SUBSTITUTIONS. NO SUBSTITUTIONS FOR PLANT MATERIALS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER AND IN THE EVENT OF PLANT UNAVAILABILITY IMMEDIATELY. ANY SUBSTITUTIONS MUST BE REQUESTED IN WRITING AND SUBMITTED TO THE OWNER AND FOR APPROVAL WITHIN 30 DAYS AFTER AWARD OF CONTRACT.
5. NOTIFY THE OWNER IF SUBSURFACE WATER IS ENCOUNTERED DURING PLANT PIT EXCAVATION.
6. AFTER PLANTING IS COMPLETE AND AREAS HAVE BEEN FINISHED, SPREAD BARK MULCH TO A DEPTH OF THREE INCHES (AT MINIMUM) IN ALL PLANTER BEDS. APPLY GRANULAR PEST-HERBICIDE AS PER SPECIFICATIONS TO ALL PLANTER BEDS BEFORE MULCH TOP-DRESS IS SPREAD. ADDITIONAL FERTILIZER AND PEST-HERBICIDE TO BE APPLIED AT END OF MAINTENANCE PERIOD.
7. BARK MULCH SHALL BE MEDIUM CHUNK BARK (3/4" TO 2" IN SIZE) AND SHALL BE FREE OF FIBROUS PIECES, SOIL, STONES, STICKS, DEBRIS OR OTHER FOREIGN MATTER.
8. PLANTING TABLETS ARE TO BE 7 GRAIN GRS-POWER TYPE OR EQUAL APPLIED AT THE FOLLOWING RATE:
 - THREE (3) TABLETS PER ONE GALLON CONTAINER.
 - SIX (6) TABLETS PER FIVE GALLON CONTAINER.
 - NINE (9) TABLETS PER FIFTEEN GALLON CONTAINER.
 - FIFTEEN (15) TABLETS PER 24" BOX CONTAINER.
9. THE CONTRACTOR SHALL MAINTAIN ALL LANDSCAPE AREAS FOR A MINIMUM PERIOD OF 90 DAYS.
10. MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: WATERING, WEEDING, TRIMMING, FERTILIZING, SPRINKLING, INJECT AND PEST CONTROLS, REPLACEMENT OF DAMAGED OR DYING PLANT MATERIAL, LITTER AND TRASH REMOVAL. FERTILIZER SHALL BE LIQUID IN ALL DRIP IRRIGATED PLANTERS, AS RECOMMENDED BY THE SOILS ANALYSIS.
11. ALL LANDSCAPE AREAS SHALL HAVE A MINIMUM SLOPE OF PER AND A MAXIMUM SLOPE OF SIX (6) PER. IF LANDSCAPE AREA EXCEEDS SIX (6) PER, INSTALL JUTE VEGETATION STABILIZATION.
12. ALL PLANT MATERIALS SHALL MEET SPECIFICATIONS AS SHOWN ON THE PLANT LIST, AND SHALL BE HEALTHY, FULL, AND SHALL BE OF FIRST RATE QUALITY FOR THE SPECIES. SUBSTITUTIONS MAY BE ALLOWED. CONTACT THE OWNER IMMEDIATELY. IF A SPECIFIED MATERIAL IS NOT AVAILABLE, FOR REVIEW AND APPROVAL OF SUBSTITUTIONS PRIOR TO ORDERING.
13. ALL PLANT MATERIALS SHALL BE INSTALLED AS SHOWN ON THE DETAILS OF THESE PLANS.
14. ALL PLANTING AREAS SHALL BE GRADED AND PLANTED FOR POSITIVE DRAINAGE AWAY FROM STRUCTURES, WALLS, AND FENCES.
15. THE LOCATIONS OF TREES AND SHRUBS SHALL BE ADJUSTED IN THE FIELD TO ACCOMMODATE EXISTING UTILITIES, LIGHTS, SPRINKLERS, ETC.
16. EXCAVATED PLANT PITS SHALL HAVE POSITIVE DRAINAGE. PLANT PITS WHEN FULLY FLOODED WITH WATER SHALL DRAIN WITHIN ONE HOUR AFTER FILLING. THE CONTRACTOR SHALL EXCAVATE THROUGH ANY IMPERVIOUS CLAY LAYER, IF ENCOUNTERED.
17. ALL TREES SHALL BE PLANTED AT A MINIMUM OF FIVE FEET (5') FROM UNDERGROUND UTILITIES AND BUILDINGS. TREES SHALL BE PLANTED NO CLOSER THAN THREE FEET (3') FROM CURBS OR WALLS. TREES SHALL BE PLANTED FROM ROOT CROWN ONE INCH (1") ABOVE FINISH GRADE.
18. ALL PLANT MATERIAL SHALL MAINTAIN A FIVE FOOT (5') CLEARANCE AROUND ALL FIVE FEET APARTMENTS.
19. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
20. ALL MATERIALS AND WORK WITHIN THE RIGHT-OF-WAY SHALL MEET REQUIREMENTS OF THE UNIFORM BUILDING CODE, NATIONAL ELECTRICAL CODE, UNIFORM PLUMBING CODE AND ALL OTHER GOVERNING AGENCIES AND THE LATEST EDITION OF STANDARD CONSTRUCTION SPECIFICATIONS AND IMPROVEMENT STANDARDS OF THE GOVERNING JURISDICTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER.
21. SOIL TESTING:
 - A. COORDINATE SOIL TESTING IN AN EXPEDITIOUS MANNER AS REQUIRED FOR PROMISING ON-SITE MATERIALS. RESPONSIBILITY OF CONTRACTING WITH A SOIL LABORATORY SHALL BE BORNE BY THE CONTRACTOR. COST OF SAMPLING AND TESTING SHALL BE INCLUDED IN THE CONTRACT PRICE. CONTRACTOR SHALL COLLECT SAMPLES IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE.
 - B. SOIL SAMPLE SHALL BE SUBMITTED TO A PRE-APPROVED SOIL LABORATORY. REQUEST APPROVAL FROM OWNER'S REPRESENTATIVE AND SUBMIT SAMPLES AS REQUIRED BY THE LABORATORY.
 - C. AT A MINIMUM, SOIL REPORT RESULTS SHALL CONTAIN: PH, SALINITY, AMMONIA, PHOSPHATE, POTASSIUM, CALCIUM, MAGNESIUM, BORON, AND SOILMo LEVELS. LABORATORY TO PROVIDE APPRAISAL OF CHEMICAL PROPERTIES, INCLUDING PARTICULATE SIZE, TEXTURE AND RECOMMENDATIONS FOR TYPES AND QUANTITIES OF AMENDMENTS AND FERTILIZERS.
 - D. RESULTS OF THE SOIL TESTING SHALL BE PROVIDED TO OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT, WITH AMENDMENT RECOMMENDATIONS AND SOIL TEXTURE RESULTS.
 - E. SOIL TESTING SHALL COMPLY WITH CITY OF SACRAMENTO CODE 15.92.090 SOIL MANAGEMENT REPORT.
 - F. CONTRACTOR SHALL SUBMIT SOIL REPORT TO THE CITY AS PART OF THE CERTIFICATE OF COMPLETION SUBMITTAL.
 - G. CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE CITY VERIFYING THE IMPLEMENTATION OF SOIL ANALYSIS REPORT RECOMMENDATIONS WITH CERTIFICATE OF COMPLETION SUBMITTAL.
22. INSTALL TREE ROOT BARRIERS AT ALL TREE TRUNKS. CENTER OF PROPOSED TRUNK IS WITHIN FIVE FEET (5') OF A CURB, PAVING OR WALKWAY. PER CONSTRUCTION DETAILS.
23. LANDSCAPE AREAS THAT ARE DISTURBED BY GRADING OR TRENCING ACTIVITIES SHALL BE RESTORED TO MATCH EXISTING.

IRRIGATION NOTES

1. THIS DESIGN IS PARAMETRIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE. CONTRACTOR SHALL LOCATE IRRIGATION PIPES AND EQUIPMENT FREE FROM ALL UTILITIES AND SITE CONSTRAINTS. ALL DIMENSIONS, QUANTITIES AND MATERIALS SHALL BE VERIFIED BY CONTRACTOR. CONTRACTOR TO PROVIDE ADDITIONAL IRRIGATION, AS NEEDED, TO PROVIDE ADEQUATE COVERAGE. AT NO ADDITIONAL COST TO THE OWNER.
2. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IN WRITING.
3. A MINIMUM OF TWO WIRING CANS PRIOR TO PERFORMING ANY DIGGING, CALL UNDERGROUND SERVICE ALERT AT 1-800-442-2444 FOR INFORMATION ON THE LOCATION OF UNDERGROUND UTILITIES.
4. THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE WITH A MINIMUM STATIC WATER PRESSURE OF 40 PSI AT THE POINT OF CONNECTION. THE CONTRACTOR SHALL VERIFY THE POINT OF CONNECTION PRESSURE ON-SITE PRIOR TO INSTALLATION OF ANY IRRIGATION WORK. IF THERE IS A DISCREPANCY, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IN WRITING. SO ADJUSTMENTS CAN BE MADE. CONTRACTOR SHALL NOT PROCEED ANY FURTHER WITH INSTALLATION OF THE SYSTEM UNTIL NECESSARY DESIGN REVISIONS HAVE BEEN OBTAINED BY THE OWNER.
5. THE IRRIGATION SYSTEM MAXIMUM FLOW RATE IS 2.5 GPM. THE CONTRACTOR SHALL PROGRAM THE AUTOMATIC CONTROLLER ACCORDING TO IRRIGATION WATERING SCHEDULES PROVIDED TO ALLOW FOR MULTIPLE VALVES TO RUN SIMULTANEOUSLY AND NOT EXCEED THE MAXIMUM FLOW RATE. ALL PLANT MATERIAL SHALL BE KEPT IN A HEALTHY, GROWING CONDITION WHILE MINIMIZING RUN-OUT OR EXCESSIVE WATERING.
6. THE CONTRACTOR SHALL NOT UNLAWFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBSERVED IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR INTERFERENCES IN DIMENSIONS EXIST THAT MIGHT HAVE BEEN UNKNOWN DURING ENGINEERING. SUCH OBSTRUCTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER IMMEDIATELY. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY, AT NO ADDITIONAL COST TO OWNER.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ANY UNDERGROUND UTILITIES, GRADE DIFFERENCES, WALLS, RETAINING WALLS, AND STRUCTURES. DAMAGE CAUSED BY THE CONTRACTOR'S INSTALLATION SHALL BE REPAIRED TO THE SATISFACTION OF THE GOVERNING AGENCY AND/OR OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS OF SUCH REPAIRS.
8. INSTALL ALL PIPE AND CONTROL WIRES IN LANDSCAPE BEDS AND IN COMMON TRENCES WHEREVER POSSIBLE. THE LANDSCAPE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ELECTRICAL CONTRACTOR TO ASSURE IRRIGATION SYSTEM IS FULLY FUNCTIONING BEFORE PLANTING COMMENCES. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE THE FINAL CONNECTION FROM THE ELECTRICAL SOURCE TO THE CONTROLLER.
9. ALL PIPING AND CONTROL WIRES UNDER PAVING SHALL BE INSTALLED IN SEPARATE SCHEDULE 40 SLEEVES. ALL WIRING UNDER PAVEMENTS SHALL BE INSTALLED IN PIPE SCHEDULE 40 CONDUIT. ALL SLEEVES SHALL EXTEND TWENTY INCHES (2") BEYOND EDGE OF PAVEMENT AND/OR CURBS. ALL SLEEVES AND CONDUIT SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF BASE MATERIALS AND PAVING. INSTALL SLEEVES AS NECESSARY OR AS REQUIRED PER PLANS.
10. SLEEVES:
 - A. INSIDE DIAMETER OF SLEEVE SHALL BE A MINIMUM OF TWO (2) TIMES THE OUTER DIAMETER OF THE PIPE BEING SLEAVED.
 - B. ALL CONTROL WIRE SLEEVES SHALL BE OF SUFFICIENT SIZE FOR THE REQUIRED NUMBER OF WIRES.
 - C. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PAVING INSTALLATION FOR PROPER INSTALLATION OF SLEEVES.
 - D. BACKFILL FOR SLEEVES SHALL BE COMPACTED TO SPECIFIED DENSITY FOR THE SUBGRADE.
11. THE CONTRACTOR SHALL LAY OUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS WILL BE REQUIRED. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL IRRIGATION MATERIALS, INCLUDING PIPE, WITH THE LANDSCAPE DRAWINGS TO AVOID INTERFERENCE WITH THE PLANTING OF TREES, SHRUBS, OR OTHER PLANTINGS.
12. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
13. HYDROTESTING: TESTING PRIOR TO OPERATING. PIPING SHALL BE COMPLETELY FLOODED BY FOREIGN PARTICLES BEFORE ATTACKING IRRIGATION COMPONENTS, AFTER FLUSHING, AND WHEN ALL VALVES AND CHECK COUPLERS ARE IN PLACE. ALL MAINS SHALL BE TESTED AT 80 PSI ABOVE NORMAL OPERATING PRESSURE OR AT 160 POUNDS PER SQUARE INCH (160 PSI) WITH VALVES CLOSED. MAINTAIN PRESSURE FOR A PERIOD OF NOT LESS THAN FOUR (4) CONSECUTIVE HOURS. ALL JOINTS SHOWING LEAKS SHALL BE CLEANED, REMOVED, AND RETESTED.
14. OPERATIONAL TESTING: PERFORM OPERATIONAL TESTING AFTER HYDROTESTING. TESTING IS COMPLETED. DEMONSTRATE TO THE OWNER THAT THE SYSTEM MEETS COVERAGE REQUIREMENTS (100%) AND THAT AUTOMATIC CONTROLS FUNCTION PROPERLY.
15. MAINTAIN A MINIMUM CLEARANCE OF FIVE FEET BETWEEN ALL MAIN LINES AND TREES.
16. ALL PIPING, ROVS AND GOVS SHALL BE INSTALLED IN PLANTING AREAS. PIPING MAY PASS UNDER PAVING AS REQUIRED. ROVS AND GOVS SHALL BE INSTALLED ADJACENT TO WALKWAYS OR PAVING.
17. SEE IRRIGATION DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
18. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
19. ALL ELECTRICAL WIRE FROM CONTROLLER TO VALVES SHALL BE 14 GAUGE UL DIRECT BURIAL OR LARGER AS REQUIRED BY EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
20. CHECK VALVES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS TO ELIMINATE LOW HEAD DRAINAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FULLY VERIFY ELEVATION CHANGE AND INSTALL IN-LINE CHECK VALVES AS NECESSARY. MINOR CHANGES IN ELEVATION EXCEEDS THE MANUFACTURER'S PROVIDED SPECIFICATIONS.
21. THE ANNUAL MAINTENANCE PROGRAM WITH SEASONAL WATERING SCHEDULE SHALL BE LAMINATED AND PERMANENTLY POSTED IN OR NEAR THE CONTROL BOX ON SITE.
22. INSTALLATION AND PERFORMANCE OF APPROVED SUBSTITUTIONS ARE THE CONTRACTOR'S RESPONSIBILITY. ANY CHANGES REQUIRED FOR INSTALLATION OF ANY APPROVED SUBSTITUTION MUST BE MADE TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COST TO OWNER.
23. CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE THE IRRIGATION SYSTEM FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE. MANUFACTURER WARRANTIES SHALL NOT SUPERSEDE THIS GUARANTEE AS CONTRACTOR SHALL BE FULLY LIABLE FOR REPAIR/REPLACEMENT OF FAILED MATERIALS/WORKMANSHIP.
24. IRRIGATION WATER METER IS INSTALLED PER CIVIL IMPROVEMENT PLANS.
25. THE PRECISE LOCATION OF THE IRRIGATION CONTROLLER SHALL BE DETERMINED BY THE CITY'S REPRESENTATIVE.
26. CONSTANTLY PRESSURIZED RECYCLED WATER MAINS SHALL BE LOCATED A MINIMUM OF 10 FEET HORIZONTALLY AWAY FROM POTABLE WATER LINES AND MUST ALSO CROSS UNDER POTABLE LINES WITH A MINIMUM OF 12" VERTICAL SEPARATION (60" TO 100").
27. CONTRACTOR TO INCLUDE TWO (2) SPARE CONTROL WIRES, YELLOW IN COLOR, TO RUN CONTINUOUS THROUGHOUT THE ENTIRE SYSTEM.



1 TREE PROTECTION FENCING

SCALE: 1" = 10'

1. 6"-8" DIAL CHAIN LINK FENCE WITH DRIVEN POSTS 3'-6" INTO THE GROUND TO BE ADJUSTED AS NEEDED TO AVOID ROOTS. LOCATE PER PLAN.

2. FINISH GRADE.

3. TREES TO BE PRESERVED SHALL BE PROTECTED FROM DISTURBANCE PRIOR TO AND THROUGHOUT CONSTRUCTION. SEE TREE PROTECTION NOTES ON C002.

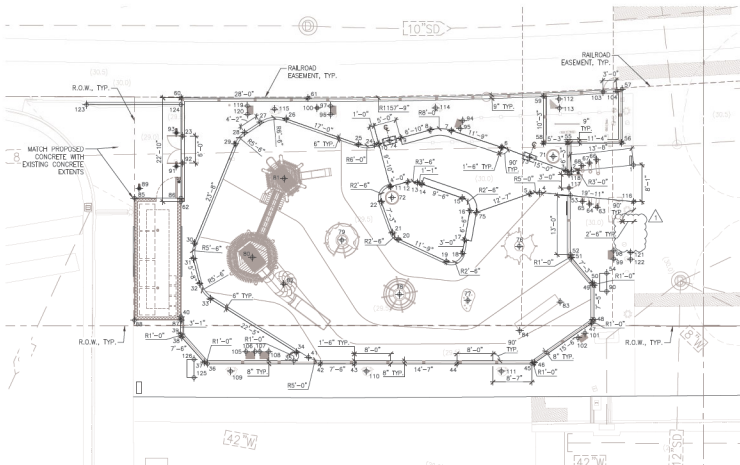
SECTION / PLAN

EXISTING CONDITIONS & DEMOLITION LEGEND

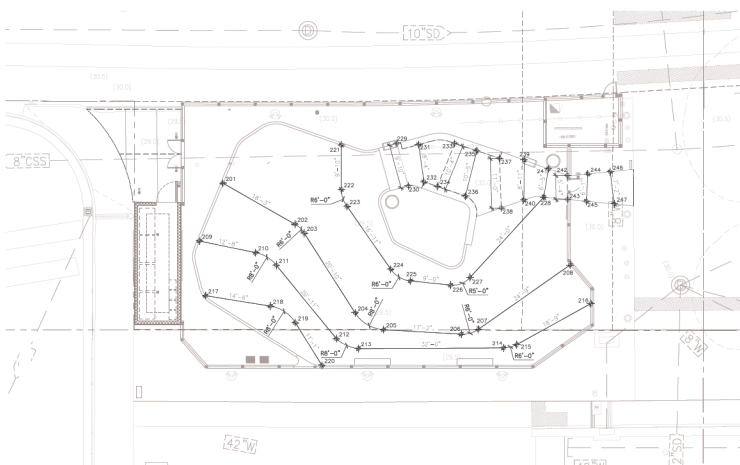
SYMBOL	CODE	DESCRIPTION	QTY
	D-01	STRUCTURE (INCLUDING FOUNDATIONS) TO BE REMOVED AND DISPOSED OF BY CONTRACTOR	2
	D-02	EXISTING FENCE (INCLUDING FOUNDATIONS) TO BE REMOVED AND DISPOSED OF BY CONTRACTOR	13 LF
	D-03	EXISTING SCALARS (INCLUDING FOUNDATIONS) TO BE REMOVED AND DISPOSED OF BY CONTRACTOR	4
	D-04	EXISTING SCALARS (INCLUDING FOUNDATIONS) TO BE REMOVED AND DISPOSED OF BY CONTRACTOR	387 LF
	D-05	CONCRETE AND CURB TO BE CLEAR SAW-CUT AT NEAREST JOINT AND REMOVED BY CONTRACTOR	835 SF
	D-06	EXISTING UTILITY BOXES TO BE REMOVED	3
	D-07	EXISTING FENCE POSTS AND FOOTINGS TO BE REMOVED AND DISPOSED BY CONTRACTOR	2
	EX-01	EXISTING DRAIN TILE, PROTECT IN PLACE	2
	EX-02	EXISTING ACORN LIGHT FIXTURES TO REMAIN AND BE PROTECTED	2
	EX-03	EXISTING SHEPHERD HOOK LIGHT FIXTURE TO REMAIN AND BE PROTECTED	3
	EX-04	EXISTING RAMP TO REMAIN AND BE PROTECTED	7
	EX-05	EXISTING TREE TO REMAIN AND BE PROTECTED	7
	EX-06	EXISTING BACK FLOW PREVENTERS AND OTHER EQUIPMENT TO BE PROTECTED AND REMAIN	7
	EX-07	EXISTING FENCE TO REMAIN AND BE PROTECTED	1,799 SF
	EX-08	EXISTING FENCE TO REMAIN AND BE PROTECTED	742 SF
	EX-09	EXISTING TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION	3,220 SF
	EX-10	CONSTRUCTION EXCLUSION AREA TO REMAIN	520 SF
	EX-11	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-12	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-13	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-14	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-15	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-16	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-17	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-18	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-19	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-20	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-21	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-22	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-23	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-24	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-25	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-26	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-27	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-28	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-29	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-30	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-31	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-32	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-33	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-35	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-36	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-37	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-39	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-40	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-41	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-51	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-74	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-75	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-81	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-82	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-83	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-84	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-85	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-86	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-90	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-91	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-92	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
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	EX-94	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-95	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-96	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-97	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-98	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-99	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF
	EX-100	EXISTING ELECTRICAL AND COMMUNICATION ACCESS TO REMAIN, PROTECT IN PLACE	520 SF

SEE DRAWING C002 FOR TREE PROTECTION NOTES & DEMOLITION NOTES





1 PLAYGROUND LOCATION & DIMENSION PLAN



2 PLAYGROUND SURFACING LOCATION & DIMENSION PLAN

LAYDOWN D BIRTHING & EATING SCHEDULE			
POINT	DESCRIPTION	NORTHING	EASTING
1	EDGE OF CONCRETE	171935.833	670203.007
2	EDGE OF CONCRETE	171935.268	670203.009
3	EDGE OF CONCRETE	171935.268	670203.009
4	EDGE OF CONCRETE	171935.268	670203.009
5	EDGE OF CONCRETE	171935.268	670203.009
6	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.171
7	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.171
8	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.171
9	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.171
10	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670207.981
11	EDGE OF CONCRETE	171935.124	670208.527
12	EDGE OF CONCRETE	171935.268	670208.527
13	EDGE OF CONCRETE	171935.268	670208.527
14	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.527
15	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.527
16	EDGE OF SEAL WALL / EDGE OF CONCRETE	171935.732	670208.527
17	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670208.527
18	EDGE OF CURB	171935.168	670210.522
19	EDGE OF CURB	171935.732	670210.522
20	EDGE OF CURB	171935.268	670209.999
21	EDGE OF CURB	171935.268	670209.999
22	EDGE OF CURB	171935.268	670209.999
23	EDGE OF CAST POST	171935.732	670206.111
24	EDGE OF CURB	171935.732	670206.111
25	EDGE OF CURB	171935.732	670206.111
26	EDGE OF CURB	171935.732	670206.111
27	EDGE OF CURB	171935.732	670206.111
28	EDGE OF CURB	171935.732	670206.111
29	EDGE OF CURB	171935.732	670206.111
30	EDGE OF CURB	171935.732	670206.111
31	EDGE OF CURB	171935.732	670206.111
32	EDGE OF CURB	171935.732	670206.111
33	EDGE OF CURB	171935.732	670206.111
34	EDGE OF CURB	171935.732	670206.111
35	EDGE OF CURB	171935.732	670206.111
36	EDGE OF CURB	171935.732	670206.111
37	EDGE OF CURB	171935.732	670206.111
38	EDGE OF CURB	171935.732	670206.111
39	EDGE OF CURB	171935.732	670206.111
40	EDGE OF CURB	171935.732	670206.111
41	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670210.522
42	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670210.522
43	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670210.522
44	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670210.522
45	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670210.522
46	EDGE OF SEAL WALL / EDGE OF CURB	171935.833	670210.522
47	EDGE OF CURB	171935.732	670210.522
48	EDGE OF CURB	171935.732	670210.522
49	EDGE OF CURB	171935.732	670210.522
50	EDGE OF CURB	171935.732	670210.522
51	EDGE OF CURB	171935.732	670210.522
52	EDGE OF CURB	171935.732	670210.522
53	EDGE OF CURB	171935.732	670210.522
54	EDGE OF BACKDROP / CONCRETE PAD	171935.004	670208.527
55	EDGE OF CURB	171935.732	670208.527
56	EDGE OF CURB	171935.732	670208.527
57	EDGE OF CURB	171935.732	670208.527
58	EDGE OF CURB	171935.732	670208.527
59	EDGE OF CURB	171935.732	670208.527
60	EDGE OF CURB	171935.732	670208.527
61	EDGE OF CURB	171935.732	670208.527
62	EDGE OF CURB	171935.732	670208.527
63	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
64	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
65	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
66	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
67	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
68	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
69	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
70	CENTER OF ENTRY FEATURE POLE	171935.337	670210.321
71	CENTER OF PLANNING POLE	171935.451	670208.527
72	CENTER OF PLANNING POLE	171935.451	670208.527
73	CENTER OF PLANNING POLE	171935.451	670208.527
74	CENTER OF PLANNING POLE	171935.451	670208.527
75	CENTER OF PLANNING POLE	171935.451	670208.527
76	CENTER OF PLAY EQUIPMENT	171935.004	670210.522
77	CENTER OF PLAY EQUIPMENT	171935.004	670210.522
78	CENTER OF PLAY EQUIPMENT	171935.004	670210.522
79	CENTER OF PLAY EQUIPMENT	171935.004	670210.522
80	CENTER OF PLAY EQUIPMENT	171935.004	670210.522
81	CENTER OF PLAY EQUIPMENT	171935.004	670210.522
82	CENTER OF PLAY EQUIPMENT POST	171935.359	670207.446
83	CENTER OF PLAY EQUIPMENT POST	171935.359	670207.446
84	CENTER OF PLAY EQUIPMENT	171935.732	670210.522
85	CORNER OF BUILDING	171935.877	670219.833
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199	CORNER OF BUILDING	171935.877	670219.833
200	CORNER OF BUILDING	171935.877	670219.833

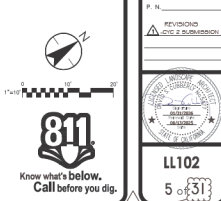
PLAYGROUND SURFACING NORTHING & EASTING SCHEDULE			
POINT	DESCRIPTION	NORTHING	EASTING
001	PLAYGROUND SURFACING	N 173538.96	E 730683.17
002	PLAYGROUND SURFACING	N 173538.96	E 730683.17
003	PLAYGROUND SURFACING	N 173540.38	E 730700.42
004	PLAYGROUND SURFACING	N 173540.38	E 730700.42
005	PLAYGROUND SURFACING	N 173541.79	E 730717.68
006	PLAYGROUND SURFACING	N 173546.10	E 730717.68
008	PLAYGROUND SURFACING	N 173583.72	E 730717.68
009	PLAYGROUND SURFACING	N 173583.72	E 730717.68
010	PLAYGROUND SURFACING	N 173588.77	E 730761.67
011	PLAYGROUND SURFACING	N 173588.77	E 730761.67
012	PLAYGROUND SURFACING	N 173588.78	E 730710.70
013	PLAYGROUND SURFACING	N 173588.78	E 730710.70
014	PLAYGROUND SURFACING	N 173587.86	E 730724.35
015	PLAYGROUND SURFACING	N 173587.86	E 730724.35
016	PLAYGROUND SURFACING	N 173595.32	E 730721.15
017	PLAYGROUND SURFACING	N 173595.32	E 730721.15
018	PLAYGROUND SURFACING	N 173598.15	E 730699.27
019	PLAYGROUND SURFACING	N 173598.15	E 730699.27
020	PLAYGROUND SURFACING	N 173584.77	E 730715.24
021	PLAYGROUND SURFACING	N 173584.77	E 730715.24
022	PLAYGROUND SURFACING	N 173585.11	E 730769.89
023	PLAYGROUND SURFACING	N 173585.11	E 730769.89
024	PLAYGROUND SURFACING	N 173585.88	E 730700.00
025	PLAYGROUND SURFACING	N 173585.88	E 730700.00
026	PLAYGROUND SURFACING	N 173587.29	E 730707.48
027	PLAYGROUND SURFACING	N 173587.29	E 730707.48
028	PLAYGROUND SURFACING	N 173592.84	E 730685.56
029	PLAYGROUND SURFACING	N 173592.84	E 730685.56
030	DOSE OF SCORPION JOINT	N 173565.38	E 730683.83
031	DOSE OF SCORPION JOINT	N 173565.38	E 730683.83
032	DOSE OF SCORPION JOINT	N 173568.93	E 730684.04
033	DOSE OF SCORPION JOINT	N 173568.93	E 730684.04
034	DOSE OF EXPANSION JOINT	N 173597.42	E 730685.56
035	DOSE OF EXPANSION JOINT	N 173597.42	E 730685.56
036	DOSE OF EXPANSION JOINT	N 173597.61	E 730689.94
037	DOSE OF EXPANSION JOINT	N 173597.61	E 730689.94
038	DOSE OF EXPANSION JOINT	N 173583.28	E 730684.04
039	DOSE OF EXPANSION JOINT	N 173583.28	E 730684.04
040	DOSE OF EXPANSION JOINT	N 173588.56	E 730684.84
041	DOSE OF EXPANSION JOINT	N 173588.56	E 730684.84
042	DOSE OF EXPANSION JOINT	N 173599.37	E 730692.72
043	DOSE OF EXPANSION JOINT	N 173599.37	E 730692.72
044	DOSE OF SCORPION JOINT	N 173593.76	E 730683.87
045	DOSE OF SCORPION JOINT	N 173593.76	E 730683.87
046	DOSE OF SCORPION JOINT	N 173582.60	E 730684.35
047	DOSE OF SCORPION JOINT	N 173582.60	E 730684.35

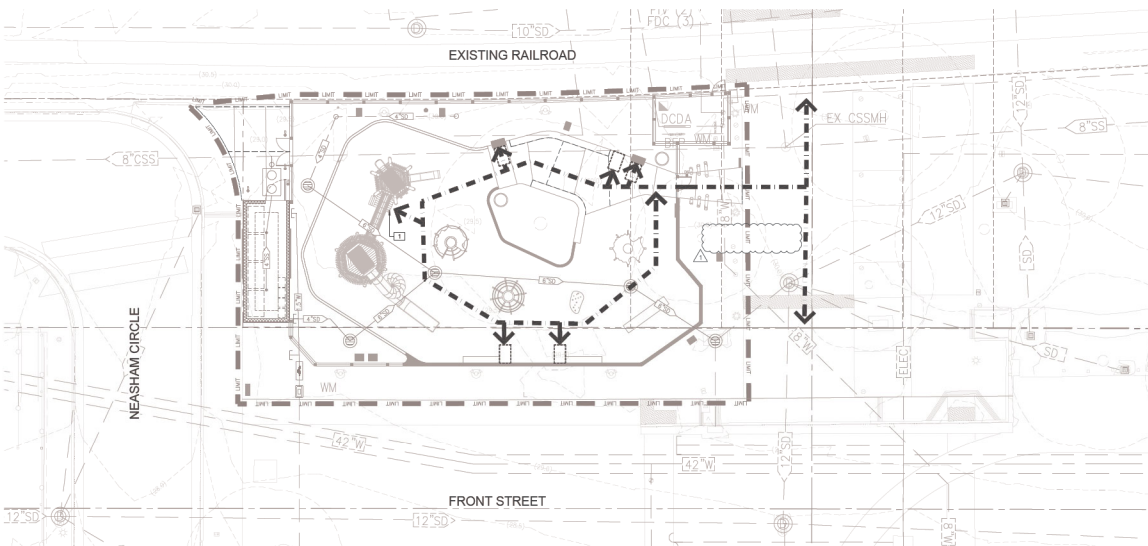
SURVEY INFORMATION:
EXISTING SURVEY INFORMATION SHOWN HEREIN BASED UPON SURVEY FILE#00039 COMPLETED JULY 2019 AND PREPARED BY THE CITY OF SACRAMENTO.

EXISTING SURVEY FEATURES SHOWN HEREIN ARE BASED UPON:
TOPOGRAPHIC SURVEY PREPARED BY STANTEC IN FEBRUARY 2020.
UTLIZING DISTINGUISH CONTROL FROM THE ADJACENT/NEIGHBORING CITY SURVEY.

NOTES:

1. CONTRACTOR SHALL STAKE SITE IMPROVEMENTS AND PLAYGROUND EQUIPMENT FOR REVIEW PRIOR TO CONSTRUCTION. CONTRACTOR SHALL FLAG FOR REVIEW ANY CONFLICTS BETWEEN EXISTING UTILITIES, STRUCTURES, AND PROPOSED IMPROVEMENTS. CONTRACTOR SHALL SET UP A CONSTRUCTION REVIEW MEETING WITH LANDSCAPE ARCHITECT AND THE CITY ENGINEER PRIOR TO BEGINNING OF RESOLUTION.
2. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST WHOLE NUMBER. NORTHING AND EASTING POINTS SHALL PRADIAL OVER ENCLOSURES SHOWN.
3. SEE LAYOUT NOTES ON SHEET 0002
4. SEE LAYOUT AND MATERIALS PLAN PLAYGROUND LAYOUT AND NOTES.

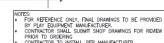


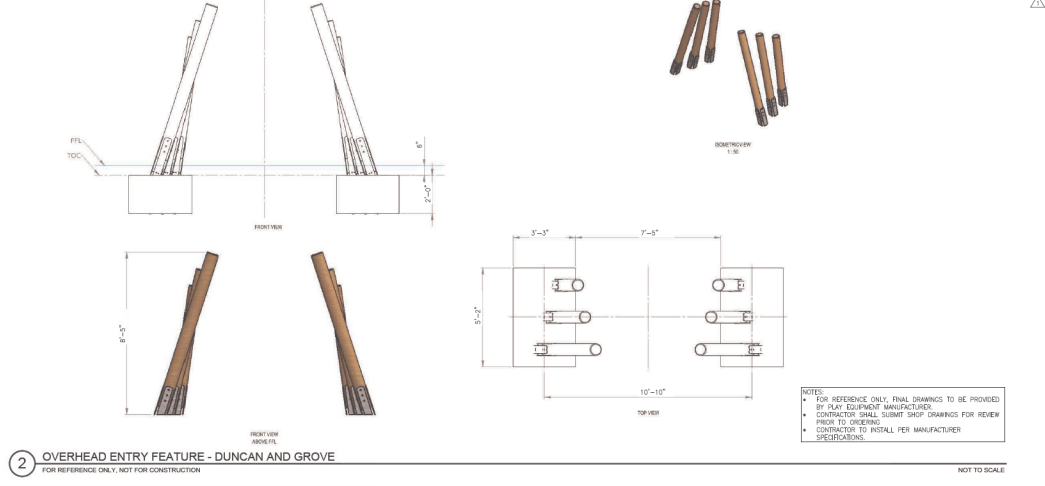
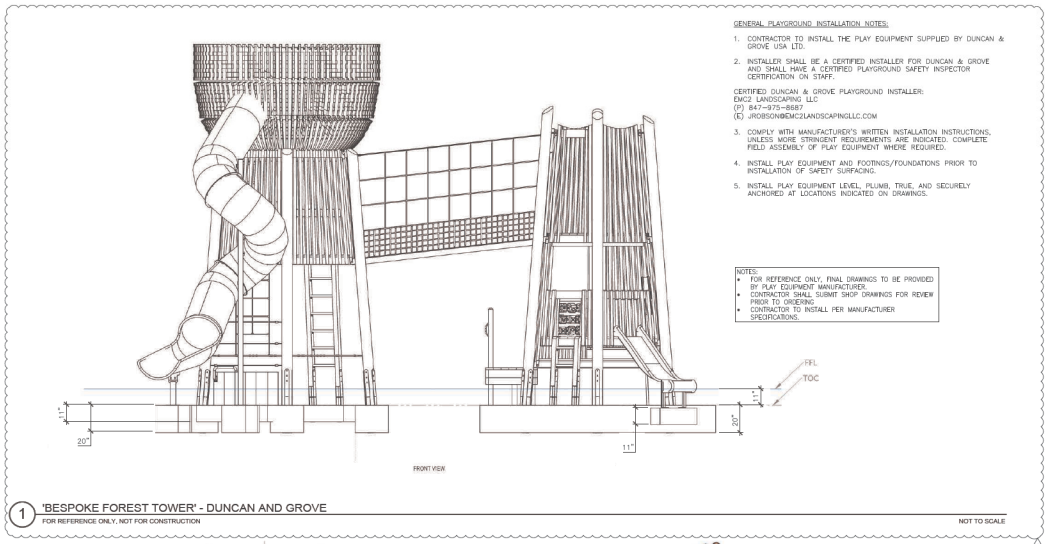


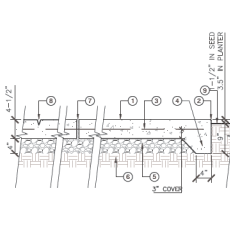
ACCESSIBILITY LEGEND	
SYMBOL	DESCRIPTION
	ADA TRANSFER PLATFORM
	ACCESSIBLE PATH OF TRAVEL
	CLEAR WHEELCHAIR SPACE 30'x42'

- ACCESSIBILITY NOTES:**
- ACCESSIBLE PATH OF TRAVEL SHALL BE A MINIMUM OF 48" WIDE. CROSS SLOPE SHALL BE LESS THAN 2% AND RUNNING SLOPE SHALL BE LESS THAN 5%. NO ABRUPT CHANGES IN ELEVATION EXCEEDING 3".
 - SITE ACCESSIBILITY SIGNAGE AND EXTERIOR ACCESSIBLE ROUTES OF TRAVEL FROM THE PRIMARY ENTRANCE TO PUBLIC SIDEWALK.



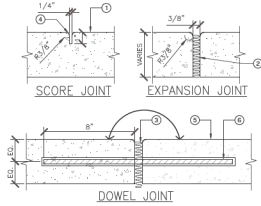






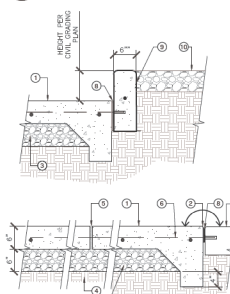
1 DECORATIVE CONCRETE PAVING
SCALE: 1" = 1'-0"

SECTION
(11/12/14)



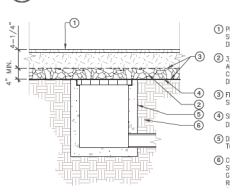
2 CONCRETE JOINTS
SCALE: 1" = 1'-0"

SECTION
(11/12/14)



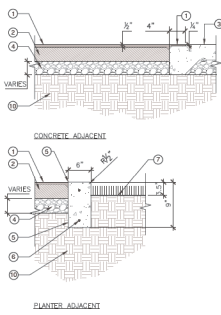
5 VEHICULAR RATED CONCRETE PAVING AND CURB
SCALE: 1" = 1'-0"

SECTION
(11/12/14)



6 PLAY AREA DRAIN INLET
SCALE: 1" = 1'-0"

SECTION
(11/12/14)

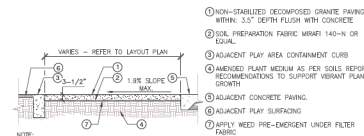


7 RESILIENT PLAY SURFACING AND PLAY CURB
SCALE: 1" = 1'-0"

SECTION
(11/12/14)

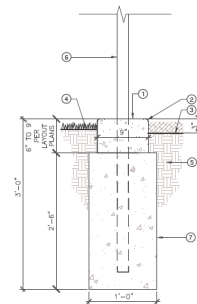


INTENTIONALLY LEFT BLANK



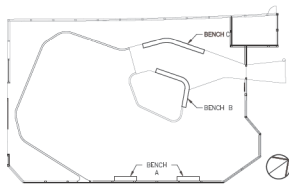
8 DECOMPOSED GRANITE SURFACING
SCALE: 1/2" = 1'-0"

SECTION
(11/12/14)

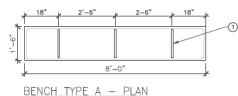


9 CONCRETE FENCE CURB (9")
SCALE: 1/2" = 1'-0"

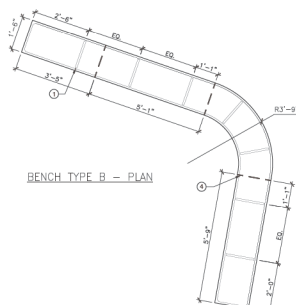
SECTION
(11/12/14)



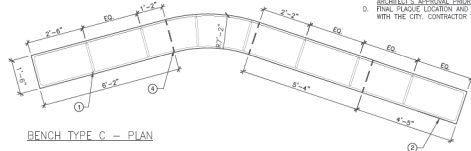
KEY PLAN - NTS



BENCH TYPE A - PLAN



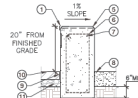
BENCH TYPE B - PLAN



BENCH TYPE C - PLAN



ELEVATION



SECTION A

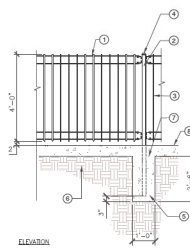
- ① INTERSAFE CUSTOM ORDER MODEL NUMBER JCI-1101-HZ-MM-PT ARM REST, MAX O.C. SPACING 2'-0" INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- ② RECESSED DEDICATION PLAQUE, SEE SIGNAGE PACKAGE BY OTHERS, OCCURS ON BENCH TYPE C ONLY.
- ③ CONCRETE WALL WITH 6" WIDE 1614 WEATHERED PLANK BOARD-FORM FINISH PATTERN ON ALL EXPOSED FACES, AS MANUFACTURED BY FITZGERALD FORMLUMBS.
- ④ VERTICAL JOINT.
- ⑤ CHAMFER, TOP.
- ⑥ 1/4" TIES W/ 130 STD WOODS @ 24" O.C.
- ⑦ 100 #4 ENHANCED REBAR CONTINUOUS.
- ⑧ ADJACENT LANDSCAPE, PLANTER OR PLAY SURFACE, SEE SITE PLAN.
- ⑨ CALKED EXPANSION JOINT, SEE DETAIL 2/LL501.
- ⑩ ADJACENT CONCRETE OR PLAY SURFACE, SEE SITE PLAN.
- ⑪ TYPE II AGGREGATE BASE.

- NOTES:
- A. CONTRACTOR SHALL PROVIDE EXPANSION JOINT WHERE SEAT WALL MEETS CONCRETE.
 - B. CONTRACTOR SHALL PROVIDE 1/2" WALL VERTICAL EXPANSION JOINT AT 8'-0" O.C. MAX. AND AT ARC TANGENT POINTS. EQUAL SPACING SHALL BE PER DETAIL, SHARD-FORMED.
 - C. CONTRACTOR SHALL PROVIDE MOOK UP OF WALL IN MIN. 4" LONG SECTION AND OBTAIN LANDSCAPE REPRESENTATIVE APPROVAL TO ADJUSTIVE THE MATERIAL.
 - D. FINAL PLAQUE LOCATION AND MOUNTING TO BE DESIGNED BY SIGNAGE DESIGNER IN CONJUNCTION WITH THE CITY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW.

- 1 POURED IN PLACE CONCRETE SEATWALLS

SCALE: 1/2" = 1'-0"

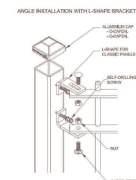
PLAN / SECTION



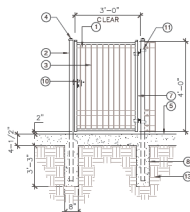
4' X 8' TUBE STEEL PLAYGROUND FENCING

SCALE: 1/2" = 1'-0"

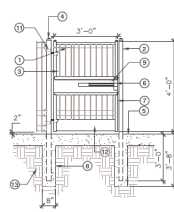
- ① 1" x 1/4" HORIZONTAL WIRE
- ② 2" SQ. STEEL TUBE POST, 12 GAUGE, AT 8'-0" MAX. SPACING
- ③ 1/2" VERTICAL WIRE
- ④ FLAT POST CAP
- ⑤ 2500 PSI CONCRETE FOOTING
- ⑥ COMPACTED SUBGRADE PER GEOTECHNICAL REPORT
- ⑦ TOP OF FOOTING
- ⑧ CURB, SEE PLAN FOR CONDITION AND DETAIL 6/LL501 & 8/LL501



- NOTES:
- A. FENCE SHALL BE "CLASSIC" WITH ADJUSTABLE PANEL ATTACHMENTS ALLOWING FOR FACETED FENCE SYSTEMS. SEE PLANS FOR LAYOUT.
 - B. CONTRACTOR SHALL SUBMIT FIELD VERIFIED SHOP DRAWINGS FOR FENCING TO THE CITY OF SACRAMENTO REPRESENTATIVE FOR APPROVAL PRIOR TO FABRICATION.
 - C. TACK WELD ALL POST CAPS, ALL NUTS TO CARWELL BOLTS AFTER PANEL INSTALLATION TO PREVENT LOSS. PAINT WELDS WITH MATCHING COLOR.
 - D. FOOTING DIMENSIONS PROVIDED FOR WORKING PURPOSES ONLY. NOT FOR CONSTRUCTION. FOOTINGS TO BE DESIGNED DURING CONSTRUCTION BY A STRUCTURAL ENGINEER, PER GEOTECH REPORT.



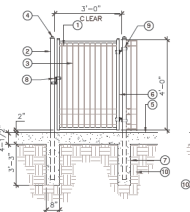
FRONT ELEVATION



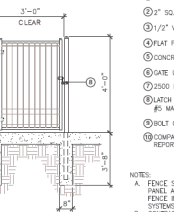
BACK ELEVATION

- 3 3' X 4' SINGLE SWING PEDESTRIAN GATE

SCALE: 1/2" = 1'-0"



FRONT ELEVATION



BACK ELEVATION

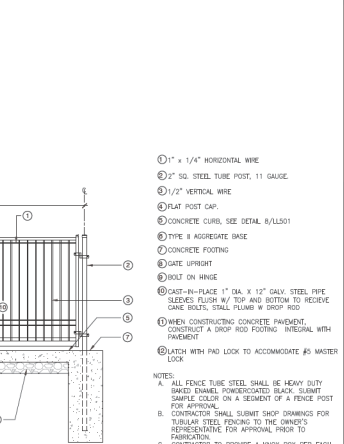
- 4 3' X 4' MAINTENANCE GATE

SCALE: 1/2" = 1'-0"

- ① 1" x 1/4" HORIZONTAL WIRE
- ② 2" SQ. STEEL TUBE POST, 11 GAUGE
- ③ 1/2" VERTICAL WIRE
- ④ FLAT POST CAP
- ⑤ CONCRETE FRAMING, SEE DETAIL 1/LL501
- ⑥ GATE UPRIGHT
- ⑦ 2500 PSI CONCRETE FOOTING
- ⑧ MOUNTING STEEL FRAME PLATE, POWDER COATED TO MATCH FENCING GATE
- ⑨ LATCH WITH PAD LOCK TO ACCOMMODATE #5 MASTER LOCK
- ⑩ BOLT ON HINGE
- ⑪ BLACK PLATE
- ⑫ COMPACTED SUBGRADE PER GEOTECHNICAL REPORT

- NOTES:
- A. ALL FENCE TUBE STEEL SHALL BE HEAVY DUTY (BARE) CHANNEL FINGERCOATED BLACK. SUBMIT SAMPLE COLOR ON A SEGMENT OF A FENCE POST FOR APPROVAL.
 - B. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TUBULAR STEEL FENCING TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE PLAN VIEW THAT DIMENSIONS DISTANCE FROM HANDLE TO EDGE OF ADJACENT FRAMING AND CLEAR SPACE BETWEEN POSTS MEET ADA MINIMUMS.
 - C. CONTRACTOR TO PROVIDE A KNOB BOX PER EACH GATE IN LOCATION COORDINATED WITH THE CITY.

ELEVATION

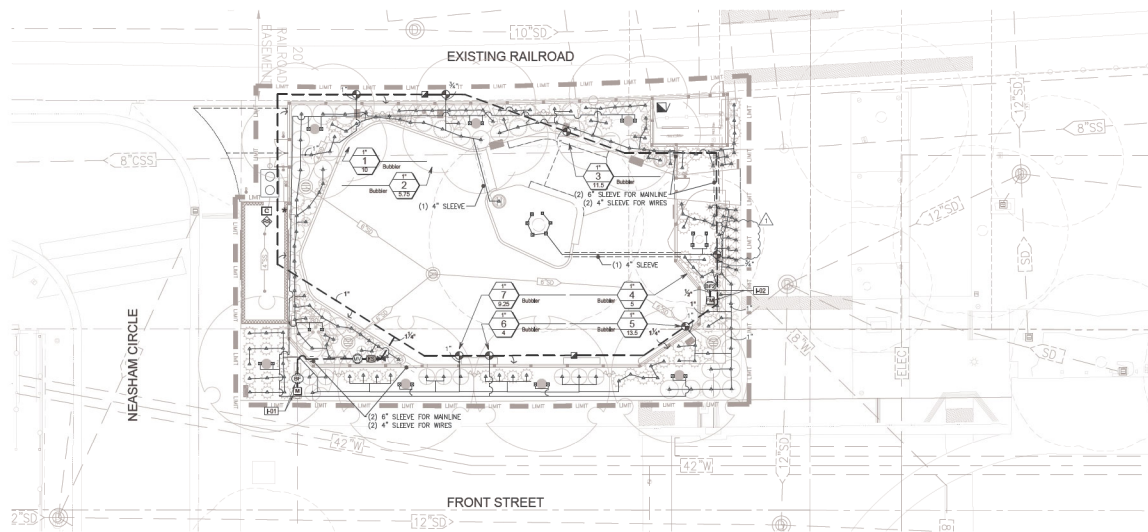


CONTRACTOR TO PROVIDE A KNOX BOX PER EACH GATE IN LOCATION COORDINATED WITH THE CITY.

ELEVATION

- ① FLAT CONTAINER W/ DRAINAGE HOLE.
- ② DOUBLE HEAD. SEE IRRIGATION LEPTO.
- ③ FREEZE DRAINING PLANTER SOIL 2" BELOW RIM.
- ④ 1/2" OF PEA GRAVEL COVERED WITH FILTER CLOTH.
- ⑤ 8" SCH. 80 PVC 1/2" NIPPLE.
- ⑥ PRE-ASSEMBLED 4" 1/2" FLEXIBLE SOCK NIPPLE.
- ⑦ 1/2" COUPLER.
- ⑧ 1/4" SOCK. 80 PVC THREADED RISER.
- ⑨ EPOXY SEAL HOLE THROUGH POT.
- ⑩ 2" DIA. ROUND HOLE THROUGH PLANT. ELASTOMERIC SEAL.
- ⑪ BLACK, PER PLANTING FLARE.
- ⑫ PVC LATERAL.
- ⑬ AGGREGATE BASE.

SECTION
FD-36 (Rev. 3-73)



CRITICAL ANALYSIS

Generated: 2025-04-10 08:22

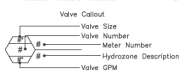
P.O.C. NUMBER: 01
Water Source Information:
POTABLE WATER METER 25 GPM MAX.
STATIC PRESSURE AT SOURCE 40 PSI.
SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.

FLOW AVAILABLE:
Water Meter Size: 1"
Flow Available: 25.47 GPM

PRESSURE AVAILABLE:
Static Pressure at POC: 40 PSI
Elevation Change: 3.00 ft
Service Line Size: 1 1/2"
Length of Service Line: 10 ft
Pressure Available: 39 PSI

DESIGN ANALYSIS:
Maximum Station Flow: 13.25 GPM
Flow Available at POC: 25.47 GPM
Residual Flow Available: 11.75 GPM

Critical Station:
Design Pressure: 15 PSI
Friction Loss: 1.24 PSI
Fittings Loss: 0.12 PSI
Elevation Loss: 3 PSI
Loss Through Valve: 3 PSI
Pressure Req. at Critical Station: 18.4 PSI
Loss for Friction: 0.12 PSI
Loss for Main Line: 1.22 PSI
Loss for POC to Valve Elevation: 0.99 PSI
Loss for Backflow: 12.4 PSI
Loss for Meter Valve: 0.8 PSI
Loss for Water Meter: 0.7 PSI
Critical Station Pressure at POC: 34.0 PSI
Pressure Available: 39 PSI
Residual Pressure Available: 4.41 PSI



IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
A	HUNTER P01-25 (25 GPM) 25 TRICKLE RUBBER ON FLEXIBLE RISER, SEE IRRIGATION DETAILS.
B	HUNTER P01-50 (50 GPM) 50 TRICKLE RUBBER ON FLEXIBLE RISER, SEE IRRIGATION DETAILS.
B	HUNTER R2WS-SLEEVE-18 25 1/2 IN. LONG PEX WITH FILTER FABRIC SLEEVE, 25 GPM OR 50 GPM BUBBLER OPTIONS, 1/2 IN. SWING JOINT FOR CONNECTION TO 1/2 IN. PIPE.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
⚙	HUNTER IRV-FS 1/4, 1/2, 3/4, 1, 2, 3, 4, 6, 8, 10, 12, 16, 20, 25, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120, 126, 132, 138, 144, 150, 156, 162, 168, 174, 180, 186, 192, 198, 204, 210, 216, 222, 228, 234, 240, 246, 252, 258, 264, 270, 276, 282, 288, 294, 300, 306, 312, 318, 324, 330, 336, 342, 348, 354, 360, 366, 372, 378, 384, 390, 396, 402, 408, 414, 420, 426, 432, 438, 444, 450, 456, 462, 468, 474, 480, 486, 492, 498, 504, 510, 516, 522, 528, 534, 540, 546, 552, 558, 564, 570, 576, 582, 588, 594, 600, 606, 612, 618, 624, 630, 636, 642, 648, 654, 660, 666, 672, 678, 684, 690, 696, 702, 708, 714, 720, 726, 732, 738, 744, 750, 756, 762, 768, 774, 780, 786, 792, 798, 804, 810, 816, 822, 828, 834, 840, 846, 852, 858, 864, 870, 876, 882, 888, 894, 900, 906, 912, 918, 924, 930, 936, 942, 948, 954, 960, 966, 972, 978, 984, 990, 996, 1002, 1008, 1014, 1020, 1026, 1032, 1038, 1044, 1050, 1056, 1062, 1068, 1074, 1080, 1086, 1092, 1098, 1104, 1110, 1116, 1122, 1128, 1134, 1140, 1146, 1152, 1158, 1164, 1170, 1176, 1182, 1188, 1194, 1200, 1206, 1212, 1218, 1224, 1230, 1236, 1242, 1248, 1254, 1260, 1266, 1272, 1278, 1284, 1290, 1296, 1302, 1308, 1314, 1320, 1326, 1332, 1338, 1344, 1350, 1356, 1362, 1368, 1374, 1380, 1386, 1392, 1398, 1404, 1410, 1416, 1422, 1428, 1434, 1440, 1446, 1452, 1458, 1464, 1470, 1476, 1482, 1488, 1494, 1500, 1506, 1512, 1518, 1524, 1530, 1536, 1542, 1548, 1554, 1560, 1566, 1572, 1578, 1584, 1590, 1596, 1602, 1608, 1614, 1620, 1626, 1632, 1638, 1644, 1650, 1656, 1662, 1668, 1674, 1680, 1686, 1692, 1698, 1704, 1710, 1716, 1722, 1728, 1734, 1740, 1746, 1752, 1758, 1764, 1770, 1776, 1782, 1788, 1794, 1800, 1806, 1812, 1818, 1824, 1830, 1836, 1842, 1848, 1854, 1860, 1866, 1872, 1878, 1884, 1890, 1896, 1902, 1908, 1914, 1920, 1926, 1932, 1938, 1944, 1950, 1956, 1962, 1968, 1974, 1980, 1986, 1992, 1998, 2004, 2010, 2016, 2022, 2028, 2034, 2040, 2046, 2052, 2058, 2064, 2070, 2076, 2082, 2088, 2094, 2100, 2106, 2112, 2118, 2124, 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HYDROZONE INFORMATION TABLE						
HYDROZONE	VALUE	IRRIGATION METHOD	PLANT TYPE	WATER USE	AREA (SQ. FT.)	% OF LANDSCAPE
A	1	SHRUB BUBBLER	SHRUB	LOW	461	16.74
A	2	SHRUB BUBBLER	SHRUB	LOW	240	9.76
A	3	SHRUB BUBBLER	SHRUB	LOW	425	17.28
B	4	TREE BUBBLER	TREES	MEDIUM	20	2.03
A	5	SHRUB BUBBLER	SHRUB	LOW	498	20.24
A	6	TREE BUBBLER	TREES	MEDIUM	200	8.13
B	7	SHRUB BUBBLER	SHRUB	LOW	588	23.82
				GRAND TOTAL	2,460.0	100%

WATER EFFICIENT LANDSCAPE WORKSHEET						
THE MAXIMUM APPLIED WATER ALLOWANCE (MAWA) SHALL BE CALCULATED USING THE FOLLOWING FORMULA:						
MAWA = (ETa)(0.63)(ETAF x LA) + ((1-ETAF) x SLA)						
MAWA = MAXIMUM APPLIED WATER ALLOWANCE						
ETa = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)						
0.62 = CONVERSION FACTOR (TO GALLONS PER SQUARE FOOT)						
ETAF = 0.45 FOR NON-RESIDENTIAL AREAS, 0.35 FOR RESIDENTIAL AREAS						
AREA = LANDSCAPED AREA INCLUDING SPECIAL LANDSCAPE AREA (SQUARE FEET)						
SLA = PORTION OF LANDSCAPE AREA IDENTIFIED AS SPECIAL LANDSCAPE AREA (SQUARE FEET)						
ETa	CONVERSION FACTOR	ETAF	AREA (SQ. FT.)	SLA	((1-ETAF) x SLA)	
55.7	0.62	0.45	2,460.00	0.00	0.00	
						MAWA TOTAL
						37,885.97
THE ESTIMATED TOTAL WATER USE (ETWU) SHALL BE CALCULATED USING THE FOLLOWING FORMULA:						
ETWU = (ETa)(0.63)(ETAF)(AREA)						
ETWU = ESTIMATED TOTAL WATER USE PER YEAR (GALLONS PER YEAR)						
ETa = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)						
0.62 = CONVERSION FACTOR (TO GALLONS PER SQUARE FOOT)						
ETAF = PLANT FACTOR DERIVED BY IRRIGATION EFFICIENCY (PP/IE)						
AREA = HYDROZONE AREA (SQUARE FEET)						
PP = PLANT FACTOR FROM WUCOLS						
IE = IRRIGATION EFFICIENCY (MINIMUM 0.71)						
REGULAR LANDSCAPE AREAS						
HYDROZONE	ETa	PP	IE	ETAF (PP/IE)	AREA (SQ. FT.)	ETAF X AREA
A SHRUB LOW	51.9	0.3000	0.81	0.37	2210	818.52
B TREE MED	51.9	0.5000	0.81	0.62	250	154.32
					TOTALS:	2,460.00
						31,304.03
SPECIAL LANDSCAPE AREAS						
NONE				1.00	0.000	0.00
					TOTALS:	0.00
						ETWU TOTAL
						31,304.03
THIS PROJECT COMPLIES WITH TITLE 23 MWELD DUE TO THE FACT THE ETWU DOES NOT EXCEED THE MAWA.						

WATERING SCHEDULES

IRRIGATION WATERING SCHEDULE - ESTABLISHMENT

NUMBER	TYPE	PRECIP	GPM	IN./WEEK	MIN./WEEK	DAY/WEEK	MIN./DAY	CYCLES/DAY	GAL./WEEK	GAL./DAY
1	SHRUB BUBBLER	1.5 in/h	11	.45	24	3	8	1	264.00	88.00
2	SHRUB BUBBLER	1.41 in/h	5.75	.45	24	3	8	1	138.00	46.00
3	SHRUB BUBBLER	1.68 in/h	10.5	.45	24	3	8	1	252.00	84.00
4	TREE BUBBLER	3.03 in/h	5	.3	60	3	20	1	300.00	100.00
5	SHRUB BUBBLER	1.79 in/h	12.75	.45	24	3	8	1	306.00	102.00
6	TREE BUBBLER	1.08 in/h	4	1.1	40	3	13	1	160.00	52.00
7	SHRUB BUBBLER	1.37 in/h	14	.45	24	3	8	1	336.00	112.00
TOTALS:									1,756.0	584.0

IRRIGATION WATERING SCHEDULE - SPRING/FALL

NUMBER	TYPE	PRECIP	GPM	IN./WEEK	MIN./WEEK	DAY/WEEK	MIN./DAY	CYCLES/DAY	GAL./WEEK	GAL./DAY
1	SHRUB BUBBLER	1.5 in/h	11	.2	12	2	6	1	132.00	66.00
2	SHRUB BUBBLER	1.41 in/h	5.75	.2	12	2	6	1	69.00	34.50
3	SHRUB BUBBLER	1.68 in/h	10.5	.2	12	2	6	1	126.00	63.00
4	TREE BUBBLER	3.03 in/h	5	1.2	60	2	30	1	300.00	150.00
5	SHRUB BUBBLER	1.79 in/h	12.75	.2	12	2	6	1	153.00	76.50
6	TREE BUBBLER	1.08 in/h	4	.49	29	2	15	1	116.00	60.00
7	SHRUB BUBBLER	1.37 in/h	14	.2	12	2	6	1	168.00	84.00
TOTALS:									1,064.0	534.0

IRRIGATION WATERING SCHEDULE - SUMMER

NUMBER	TYPE	PRECIP	GPM	IN./WEEK	MIN./WEEK	DAY/WEEK	MIN./DAY	CYCLES/DAY	GAL./WEEK	GAL./DAY
1	SHRUB BUBBLER	1.5 in/h	11	0.37	22	3	7	1	242.00	77.00
2	SHRUB BUBBLER	1.41 in/h	5.75	0.37	22	3	7	1	126.50	42.25
3	SHRUB BUBBLER	1.68 in/h	10.5	0.37	22	3	7	1	231.00	73.50
4	TREE BUBBLER	3.03 in/h	5	2.22	60	3	20	1	300.00	100.00
5	SHRUB BUBBLER	1.79 in/h	12.75	0.37	22	3	7	1	280.50	89.25
6	TREE BUBBLER	1.08 in/h	4	0.91	33	3	11	1	132.00	44.00
7	SHRUB BUBBLER	1.37 in/h	14	0.37	22	3	7	1	308.00	98.00
TOTALS:									1,620.0	522.0

IRRIGATION WATERING SCHEDULE - WINTER

NUMBER	TYPE	PRECIP	GPM	IN./WEEK	MIN./WEEK	DAY/WEEK	MIN./DAY	CYCLES/DAY	GAL./WEEK	GAL./DAY
1	SHRUB BUBBLER	1.5 in/h	11	0.09	6	1	6	1	66.00	66.00
2	SHRUB BUBBLER	1.41 in/h	5.75	0.09	6	1	6	1	34.50	34.50
3	SHRUB BUBBLER	1.68 in/h	10.5	0.09	6	1	6	1	63.00	63.00
4	TREE BUBBLER	3.03 in/h	5	0.54	60	1	60	1	300.00	300.00
5	SHRUB BUBBLER	1.79 in/h	12.75	0.09	6	1	6	1	76.50	76.50
6	TREE BUBBLER	1.08 in/h	4	0.23	13	1	13	1	52.00	52.00
7	SHRUB BUBBLER	1.37 in/h	14	0.09	6	1	6	1	84.00	84.00
TOTALS:									676.0	676.0

SEE SHEET U101 FOR
IRRIGATION PLAN

SEE SHEET C002 FOR
IRRIGATION NOTES

SEE SHEETS
U101+U102 FOR
IRRIGATION DETAILS

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) COMPLIANCE STATEMENT

I HAVE COMPLIED WITH THE CRITERIA OF THE CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE
ORDINANCE AND APPLIED THEM FOR EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

DAVE CUBBERLEY, PLA #9477

2025.06.13
DATE

811
Know what's below.
Call before you dig.

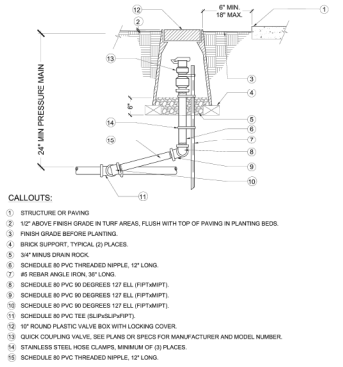
CITY OF SACRAMENTO
DEPT. OF CONVENTION AND CULTURAL SERVICES
901 J STREET, 3RD FLOOR, SACRAMENTO, CA 95814
City of
SACRAMENTO
Convention & Cultural Services

OLD SACRAMENTO CHILDREN'S
PLAY AREA
IRRIGATION CALCULATIONS

DESIGN BY:
Stantec
DATE: 06/13/2025
SCALE: AS SHOWN
P. N.
REVISION:
002-2 SUBMISSION



LI400
13440

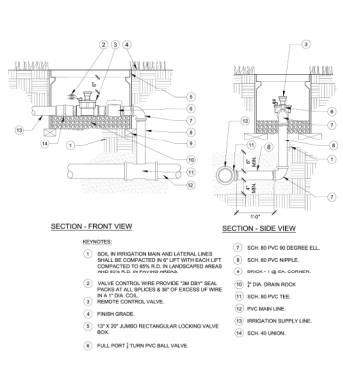


NOTES:

1. INSTALL QUICK COUPLING VALVES IN PLANTING BEDS WHENEVER POSSIBLE.
2. SEE PLANS & SPECIFICATIONS FOR MORE INFORMATION.
3. SEE OF ASSEMBLY TO BE EQUAL TO THE FIT OF THE QUICK COUPLER.

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO QUICK COUPLER
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

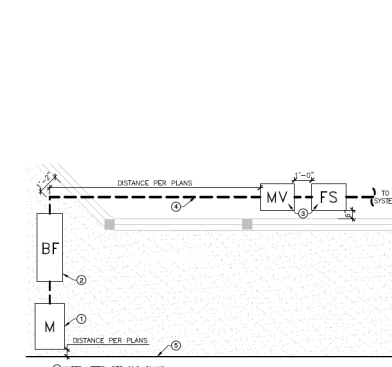


NOTES:

1. 8\"/>

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO REMOTE CONTROL VALVE
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

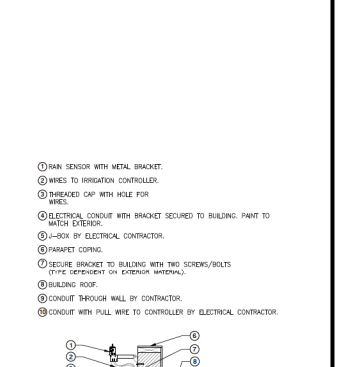


NOTES:

1. WATER METER, PER CIVIL PLANS.
2. BACKFLOW PREVENTER, PER CIVIL PLANS.
3. WATER VALVE AND FLOW SENSOR, SEE IRRIGATION PLANS.
4. MAINLINE, SEE IRRIGATION PLANS.

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO IRRIGATION EQUIPMENT LAYOUT
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

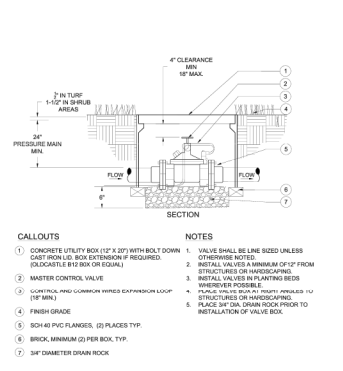


NOTES:

1. RAIN SENSOR WITH METAL BRACKET.
2. WIRES TO IRRIGATION CONTROLLER.
3. THREADED CAP WITH HOLE FOR WIRES.
4. ELECTRICAL CONDUIT WITH BRACKET SECURED TO BUILDING, PAINT TO MATCH EXTERIOR.
5. HOOKED BY ELECTRICAL CONTRACTOR.
6. PARAPET COPING.
7. SECURE BRACKET TO BUILDING WITH TWO SCREWS/BOLTS (TYPE DEPENDENT ON EXTERIOR MATERIAL).
8. BUILDING ROOF.

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO RAIN SENSOR - BUILDING MOUNTED
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

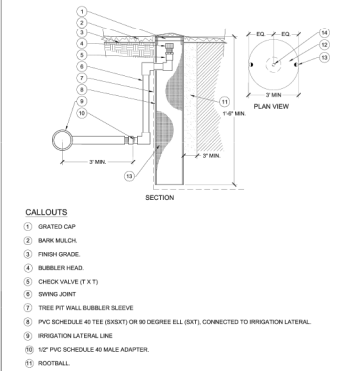


NOTES:

1. CONCRETE UTILITY BOX (12\"/>

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO SINGLE MASTER VALVE
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

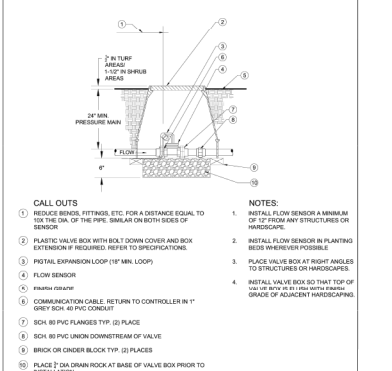


NOTES:

1. VALVE SHALL BE LINE SIZED UNLESS OTHERWISE NOTED.
2. INSTALL VALVES A MINIMUM OF 12\"/>

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO TREE BUBBLER
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

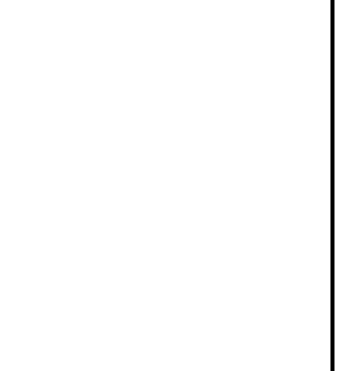


NOTES:

1. INITIAL FLOW SENSOR A MINIMUM OF 12\"/>

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO SINGLE FLOW SENSOR
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480

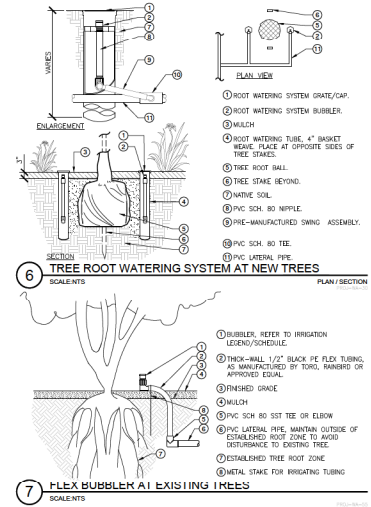
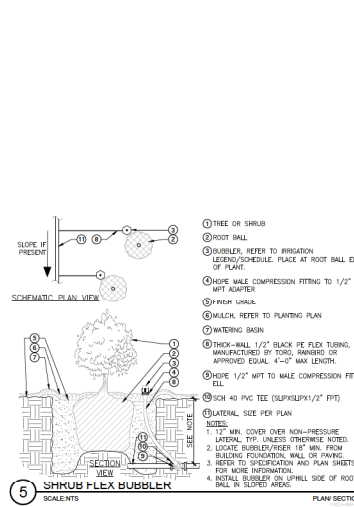
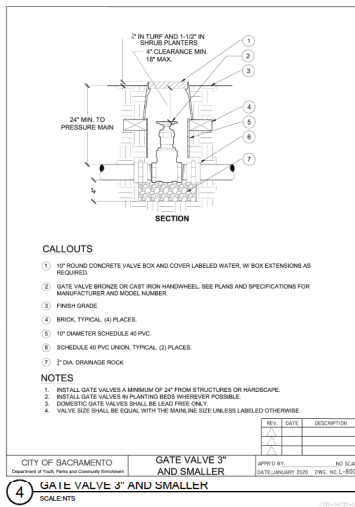
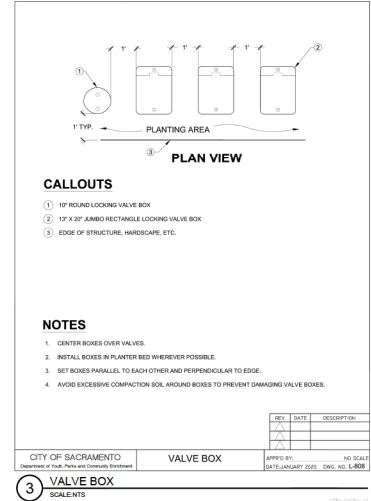
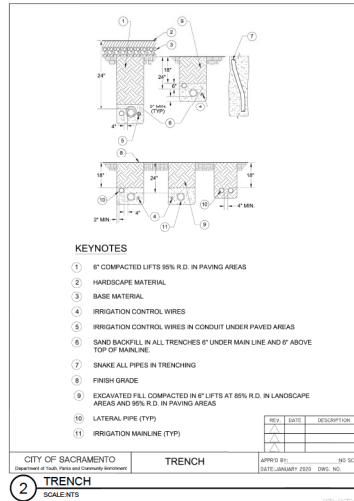
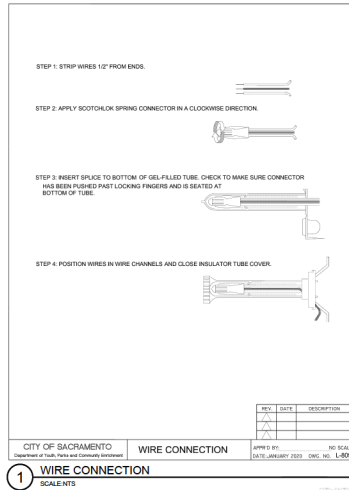


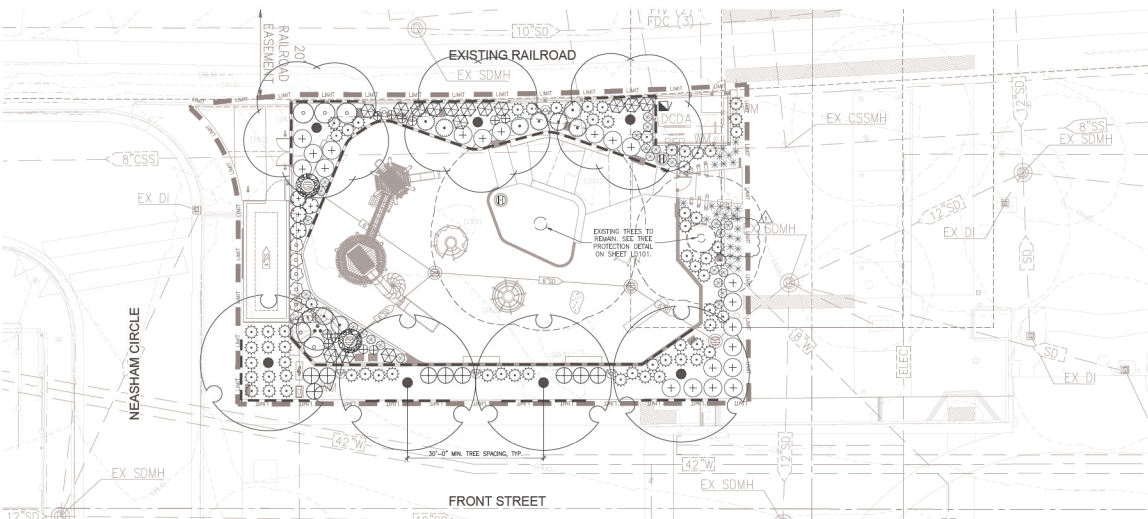
NOTES:

1. INITIAL FLOW SENSOR A MINIMUM OF 12\"/>

REV.	DATE	DESCRIPTION
1	01/17/2020	NO SCALE

CITY OF SACRAMENTO SINGLE FLOW SENSOR
Department of Public Works and Community Development
 APPROVED BY: DATE: JANUARY 2020 DWS: NO. L-480





PLANT LEGEND						
SYMBOL	BOTANICAL NAME	COMMON NAME	CONT	SIZE/HXW	WATER USE	QTY
TREES						
	CERIS OCCIDENTALIS	WESTERN REDBUD MULTI-TUNK	24" BOX	15'HX10'W	LOW	1
	QUERCUS DOUGLASH	BLUE OAK	24" BOX	35'HX40'W	LOW	3
	ULMUS 'FRONTIER'	'FRONTIER' ELM	36" BOX	40'HX30'W	MEDIUM	4
SHRUBS						
	ACHILLEA MILEFOLIUM 'PAPRIBA'	PAPRIBA COMMON YARROW	1 GAL	2'HX2'W	LOW	24
	ACHILLEA MILEFOLIUM 'SONOMA COAST'	SONOMA COAST COMMON YARROW	1 GAL	2'HX2'W	LOW	11
	ARCTOSTAPHYLOS UVA-URSI 'WOOD'S COMPACT'	WOOD'S COMPACT MANZANITA	1 GAL	0.5'HX4'W	LOW	21
	BACCHARIS X 'CENTENNIAL'	CENTENNIAL COYOTE BRUSH	1 GAL	3'HX5'W	LOW	5
	DIANELLA TASMANNICA 'TRIST'	TAGGED™ FLAX LILY	1 GAL	3'HX3'W	LOW	6
	EDUSETUM HYEMALE	HORSETAIL	1 GAL	3'HX2'W	MEDIUM	2
	JUNCUS PATENS 'ELK BLUE'	SPREADING RUSH	1 GAL	2'HX2'W	LOW	27
	MINULUS AURANTIACUS	STICKY MONKEYFLOWER	1 GAL	3'HX3'W	LOW	4
	MULLENBERGIA DUBBA	PINE MILKLY	1 GAL	4'HX3'W	LOW	67
	SALVA SONOMENSIS	CHEDDING SAGE	1 GAL	2.5'HX4'W	LOW	9
	WESTRINGIA FRUTICOSA 'LOW HORIZON' PP27898	LOW HORIZON WESTRINGIA	1 GAL	1'HX4'W	LOW	9
	WESTRINGIA FRUTICOSA 'MORNING LIGHT'	MORNING LIGHT COAST ROSEMARY	5 GAL	3'HX3'W	LOW	15
GROUND COVERS						
	PORTLAND COBBLE		SEE DETAIL S/UP501			28 SF

KEYNOTE LEGEND			
CODE	DESCRIPTION	QTY	DETAIL
---	NOT SHOWN	130 LF	1/2-201

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEL) COMPLIANCE STATEMENT

I HAVE COMPLIED WITH THE CRITERIA OF THE CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

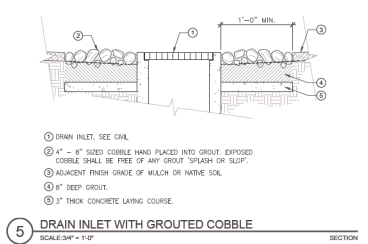
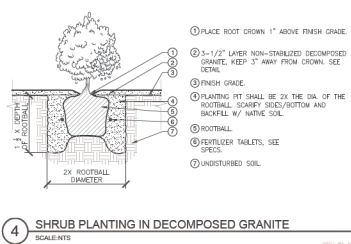
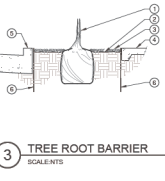
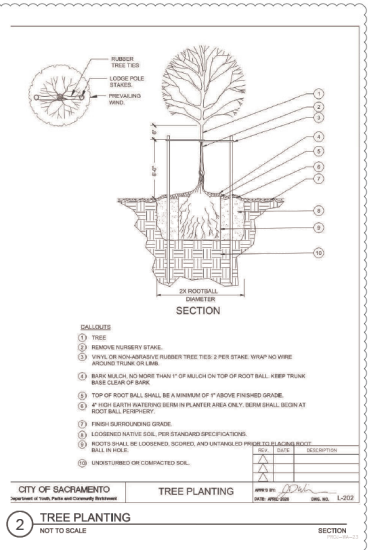
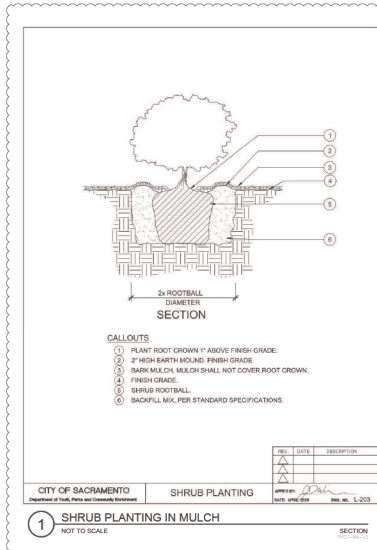
DAVE CUBBERLY, PLA #XXXXX 2025.06.13

DATE

SEE SHEET C002 FOR PLANTING NOTES

SEE SHEET LP501 FOR PLANTING DETAILS





1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS, DATED NOVEMBER, 2020 AND ALL APPLICABLE ADDENDA AND SUPPLEMENTAL PROVISIONS.

- [illegible]

1. ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND THE LATEST EDITION OF THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS NOVEMBER 2020, WHICH IS AT CITY WEB-SITE:

1. ALL CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS AND THE LATEST EDITION OF THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS FOR PUBLIC WORKS, LATEST EDITION, AND THE FOLLOWING ORDINANCES:
WWW.CITYOFSACRAMENTO.ORG/UTILITIES/RESOURCES/SPECS-AND-DRAWINGS, AND SUPPLEMENTAL PROVISIONS.
2. THE CONTRACTOR SHALL OBTAIN AND USE IN ACCORDANCE WITH ALL APPLICABLE ADDENDUMS.
3. ALL CONSTRUCTION SHALL BE PERFORMED IN COMPLIANCE WITH FMA STANDARDS.
4. ALL GRADING SHALL BE IN CONFORMANCE WITH THE CITY OF SACRAMENTO GRADING, EROSION AND SEDIMENT CONTROL ORDINANCE (ORD NO. 8) CORRECTION.
5. ALL GRADING SHALL COMPLY WITH THE RECOMMENDATIONS OF THE SOIL AND GEOLOGICAL INVESTIGATION PREPARED BY THE CONSULTING ENGINEER.
6. ALL APPLICABLE FEES FOR BAY AND PERMITS REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR BEFORE COMMENCEMENT OF CONSTRUCTION.
7. ALL SLOPE DOWNS TO BE AT MINIMUM USUAL SLOPE OTHER THAN STEEP.
8. MAXIMUM TOLERANCE FROM PAD ELEVATIONS SHALL BE +/- .02 FEET.
9. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING THE CITY OF SACRAMENTO DEPARTMENT OF PUBLIC UTILITIES TO IDENTIFY ANY EXISTING UTILITY RECORDS OR FIELD SURVEYS LOCATING THESE FACILITIES MAY POSITIVELY CLASH WITH THE PLACEMENT OF IMPROVEMENTS AS SHOWN ON THE PROJECT DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES. MEMBERS OF UNDERGROUND SERVICE ALERT ARE 48 HOURS IN ADVANCE OF PERFORMING WORK, BY CALLING THE TOLL FREE NUMBER 1-800-4-A-SHIELD OR VISITING WEBSITE WWW.SHIELD1-800-4ASHEILD.COM FOR MORE INFORMATION. A "NO HIT" POLICY (NCHES) OR MORE IN DEPTH.
10. ALL FILL WITH PAVED AREA SHALL BE 90% COMPACTION. ALL OTHER FILL SHALL BE 90% COMPACTION UNLESS OTHERWISE SPECIFIED.
11. SOIL TESTS SHALL BE CERTIFIED BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT WRITTEN REPORT TO THE CITY OF SACRAMENTO DEPARTMENT OF PUBLIC UTILITIES.
12. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY EROSION CONTROL MEASURES TO PREVENT EROSION OF EXCAVATION, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL, AND ABATE WATER POLLUTION AND EROSION OF EXCAVATION. THE CONTRACTOR SHALL MAINTAIN TEMPORARY EROSION CONTROL MEASURES THROUGHOUT EACH YEAR OF EACH SUCH TEMPORARY EROSION CONTROL FEATURES AS ARE NECESSARY TO PREVENT DAMAGE DURING THE LIFE OF THE PROJECT. THE CONTRACTOR SHALL MAINTAIN TEMPORARY EROSION CONTROL MEASURES UNTIL AFTER STORM RUNOFF BEFORE SAND REMOVES LEAVES THE CONSTRUCTION SITE. RESTORE STORM DRAIN SYSTEMS, OF ENTRIES A NUTRIENT RICH ENVIRONMENT.
13. SHOULD ANY PREHISTORIC (ARROWHEADS, MORTAR, HUMAN BONES) OR HISTORIC ARTIFACTS (GLASS, CERAMICS, METALS, NAILS) BE DISCOVERED BY THE CONTRACTOR WHILE EXCAVATING OR DURING CONSTRUCTION, ALL WORK SHALL STOP IMMEDIATELY WITHIN 50 METERS OF THE FOUND MATERIALS AND THE COMMUNITY DEVELOPMENT DEPARTMENT SHALL BE IMMEDIATELY NOTIFIED. A CULTURAL RESOURCE INVESTIGATION (CRI) SHALL BE ORDERED BY THE CITY OF SACRAMENTO DEPARTMENT OF PUBLIC UTILITIES TO CONTINUING EXCAVATION, GRADING OR CONSTRUCTION ACTIVITIES AT THE ARCHAEOLOGY SITE IF NECESSARY. FURTHER INVESTIGATION SHALL BE CONDUCTED BY AN ARCHAEOLOGICAL PROFESSIONAL, LICENSED BY THE STATE OF CALIFORNIA, WHO SHALL BE APPROVED BY THE CITY OF SACRAMENTO DEPARTMENT OF PUBLIC UTILITIES. THE CONTRACTOR SHALL FOLLOW ALL PROCEDURES PRECISELY PROVIDED FOR EVALUATION, DOCUMENTATION, FINDINGS AND DISCOVERY OF HUMAN REMAINS SHALL FOLLOWED.
14. GRADING, TRENCHING, CUTTING AND/OR FILLING WITHIN THE DROP LINE OF THOSE TREES, DESIGNATED ON THE SITE PLAN FOR PRESERVATION, SHALL BE LIMITED TO THE EXTENT THAT WILL HARM THE HEALTH, VITALITY OR LONGEVITY OF THOSE TREES IDENTIFIED ON THE SITE PLAN FOR PRESERVATION.
15. NO REVELLING, LUBRICATION OR MAINTENANCE OF EXHAUSTING OR OTHER CONSTRUCTION VEHICLES SHALL BE DONE ANYTIME

	CUT	FILL
RAW EARTHWORK QUANTITIES	60	10
TOTAL/NET	50 CY EXPORT	

1. IT IS THE COATING CONTRACT

1. IT IS THE GRADING CONTRACTOR'S RESPONSIBILITY TO REVIEW THE GRADING PLAN AND SOLS REPORT THOROUGHLY PRIOR TO SITE WORK. IF IT IS NOT THE GRADING CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CWA AND SOLS ENGINEERS IF DIGITE DISCREPANCIES ARE OBSERVED THAT WOULD AFFECT THE GRADING DESIGN.
- THE EXISTING TOPOGRAPHY AS DETERMINED ON THESE DRAWINGS SHALL BE UTILIZED AS THE BASIS FOR ALL EARTHWORK COMPUTATIONS. SLOPES SHALL BE SHOWN AS INDICATED ON THE GRADING PLAN. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF GRADING IN ANY SPECIFIC AREAS. ANY DEVIATION FROM DRAWINGS SHALL BE PROPERLY TOLERATED AT ALL INTERESTED PARTIES.
- THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL COSTS THEREFOR. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL COSTS THEREFOR. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL COSTS THEREFOR.
2. OVER-DRAINAGE AND/OR EXCESS BACKFILL OR DUPLICATION OF GRADING ACTIVITIES IS NOT A BASIS FOR ADDITIONAL COMPENSATION. THIS ALSO APPLIES TO ANY EXCESS GRADING ACTIVITIES.
3. SITE-TO-SITE OR SECTOR OF ELEVATION MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN HIS BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL COSTS THEREFOR.
4. EARTH VOLUMES SHOWN HEREIN ARE ESTIMATES BASED UPON THE GEOTECHNICAL ANALYSIS PERFORMED BY THE NAMED SOLS ENGINEER AND THE GRADING CONTRACTOR. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL COSTS THEREFOR.
5. QUANTITIES FOR STANDARD ENGINEERING PRACTICE ARE INTENDED FOR USE IN ESTABLISHING CROWDING AGENCY FEES. ACTUAL FEES SHALL BE BASED UPON THE ACTUAL QUANTITIES OF WORK. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL COSTS THEREFOR.
6. THE QUANTITIES FOR THESE BIDS ARE BASED UPON ASSUMPTION OF ONE BULKING FACTOR OF CWT. ACTUAL BULKING MAY VARY.

1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES AND/OR SIMILAR

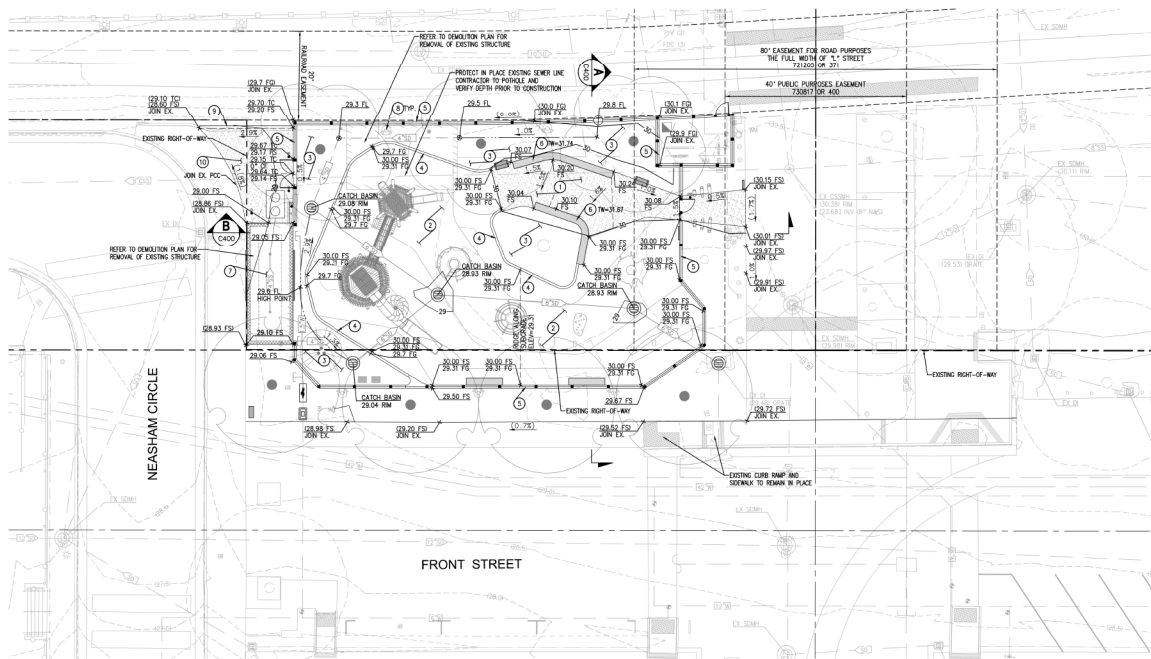
- THE DEVELOPER AND LOCATIONS OF ANY UNBUILT/UNDERGROUND UTILITY AND/OR STRUCTURES SHOWN ON THESE PLANS MAY VARY DUE TO A SEARCH OF THE AVAILABLE RECORDS. THEREFORE, THESE PLANS DO NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THE LOCATION OF THE EXISTING UTILITY AND/OR STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND/OR STRUCTURES. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO CONFIRM/VERIFY AND PROTECT THE UTILITIES OF RECORD OR NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
2. RELOCATION OR REMOVAL OF ANY EXISTING UTILITIES SHALL BE PERFORMED BY THE RESPECTIVE UTILITY COMPANY, AT THE EXPENSE OF THE DEVELOPER.
3. THE SPACING CONTRACTOR SHALL SUEPLY ITSELF AS TO THE GRADING QUANTITIES AS SHOWN ON THIS PLAN AS PART OF HIS BID.
- IT IS REQUESTED THAT THE GRADING CONTRACTOR NOTIFY THE PRIVATE GRADING BY CALLING AT LEAST 48 HOURS BEFORE COMPLETION OF THE GRADING OPERATION IN ORDER THAT THIS OFFICE MAY PERFORM A FINAL INSPECTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FROM TO COMMENCEMENT OF GRADING OPERATIONS.
6. UNAUTHORIZED CHANGES TO THE EXISTING PREPARING THESE PLANS WILL BE THE RESPONSIBILITY OF, OR LIABLE FOR, UNAUTHORIZED CHANGES TO USE OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE APPROVING AGENCIES.

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES FOR THE CITY OF SACRAMENTO'S "ADMINISTRATIVE AND TECHNICAL PROCEDURES MANUAL FOR GRADING AND EROSION AND SEDIMENT CONTROL."

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES FOR THE CITY OF SACRAMENTO'S "ADMINISTRATIVE AND TECHNICAL PROCEDURES MANUAL FOR GRADING AND EROSION AND SEDIMENT CONTROL".
2. PRIOR TO THE COMMENCEMENT OF WORK, CONTRACTOR SHALL PLACE FILTER BAGS IN AND GRAVEL BAGS AROUND ANY STORM DRAIN INLETS WHICH RECEIVE RUNOFF FROM THE LIMITS OF THE CONSTRUCTION ZONE. CONTRACTOR SHALL MONITOR AND MAINTAIN THE FILTER BAGS AND GRAVEL BAGS UNTIL THE COMPLETION OF THE PROJECT.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
4. ALL SPILLMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEEP AT THE END OF EACH WORKING DAY OR AS NECESSARY.

1. ALL CONSTRUCTION AND MATERIAL ASSOCIATED WITH THIS PLAN SHALL BE IN ACCORDANCE WITH THE CITY OF SACRAMENTO

- [illegible]



CONSTRUCTION NOTES

1. CONSTRUCT SIDEWALK PER LANDSCAPE DRAWINGS.
2. CONSTRUCT PLAY AREA SUBGRADE PER LANDSCAPE DETAILS AND ELEVATIONS SHOWN HEREON.
3. LANDSCAPE PER LANDSCAPE DETAILS.
4. CONSTRUCT PLAY CURB PER LANDSCAPE DRAWINGS.
5. CONSTRUCT FENCING WITH GATE PER LANDSCAPE DRAWINGS.
6. CONSTRUCT SEAT WALL PER LANDSCAPE DRAWINGS.
7. CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL DRAWINGS, FINISHING AND SLAB DESIGN FOR ARCHITECTURAL AND STRUCTURAL DRAWINGS.
8. LANDSCAPE SITE LIGHTING PER ELECTRICAL DRAWINGS.
9. CONSTRUCT POOL CURB PER LANDSCAPE DRAWINGS.
10. CONSTRUCT VEHICULAR CONCRETE PER LANDSCAPE DRAWINGS.

LEGEND

XXXX	DESIGN ELEVATION	---	EXISTING CONTOUR
00000	EXISTING ELEVATION	---	PROPOSED MAJOR CONTOUR
0000X	EXISTING DERIVED FROM AS-BUILT OR RECORD PLANS. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCY PRIOR TO THE COMMENCEMENT OF WORK.	---	PROPOSED MINOR CONTOUR
XXX	DESIGN SLOPE PERCENT AND DIRECTION	---	PROPOSED GRADE BREAK
FS	FINISH SURFACE	---	PROPERTY LINE
FL	FINISH GRADE	---	EXISTENT LINE
INV	INVERT	---	DRAINAGE SWALE AND DIRECTION
		---	PROPOSED HARDSCAPE
		---	SEE LANDSCAPE LAYOUT PLANS FOR FINISHES

NOTE REGARDING EXISTING UTILITIES:

EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATED PER RECORD PLANS. EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE NOT KNOWN AT THIS TIME. SOME EXISTING INFRASTRUCTURE WAS NOT SHOWN ON RECORD PLANS AND ARE APPROXIMATED HEREON.

ADDITIONAL FIELD VERIFICATION AND/OR POT-HOLING OF UTILITIES WILL BE REQUIRED PRIOR TO CONSTRUCTION.

SURVEY INFORMATION

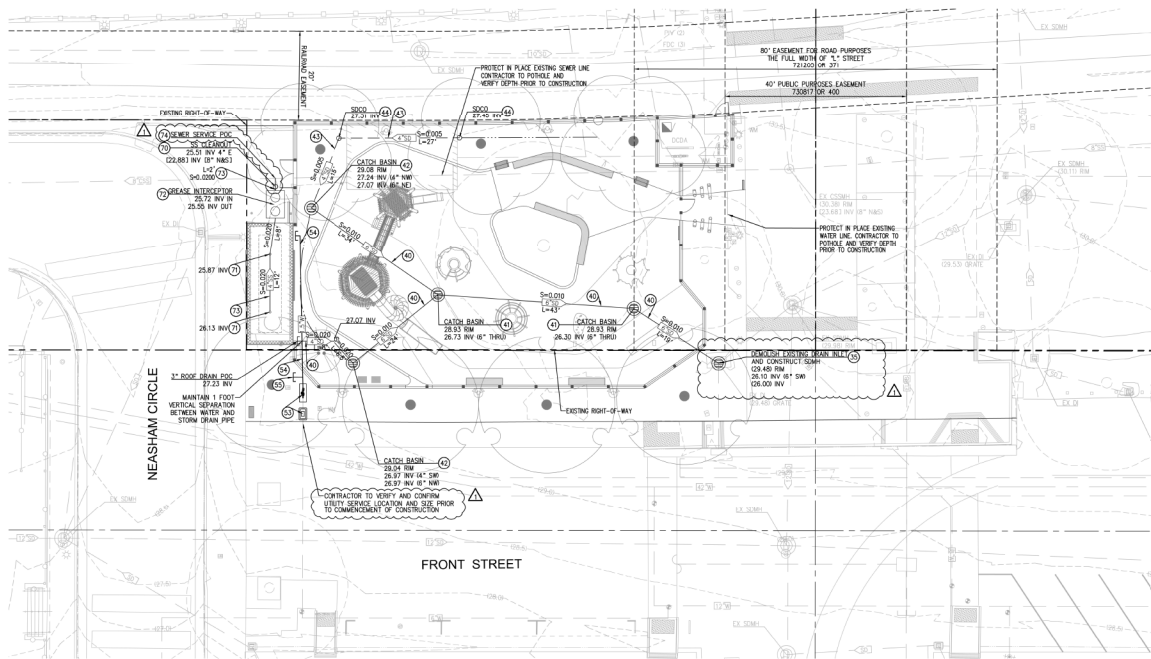
EXISTING BOUNDARY INFORMATION SHOWN HEREON BASED UPON SURVEY FIELDWORK COMPLETED JULY 2019 AND PREPARED BY THE CITY OF SACRAMENTO.

EXISTING SURFACE FEATURES SHOWN HEREON ARE BASED UPON TOPOGRAPHIC SURVEY PERFORMED BY STARTED IN FEBRUARY 2020, UTILIZING EXISTING CONTROL FROM THE AFOREMENTIONED CITY SURVEY.

BENCHMARK INFORMATION

BM 297-B3K
ELEVATION=30.362' ICITY DATUM 32.475' (NAV88)
RAVINE IN BACK OF WALK AND PT. EAST SIDE OF TRACKS AT FRONT & L STREETS
BM297-B3E
ELEVATION=30.139' ICITY DATUM 32.309' (NAV88)
N" NOTCH AT THE APPEX OF BRASS PLAQUE THEODORE JUDAH MONUMENT AT 2ND ST. AND I ST. (1993)





STORM DRAIN CONSTRUCTION NOTES

- CONSTRUCT NEW STORM DRAIN PIPE, SLOPE AND SLOPE PER PLAN TRENCHING AND BEDDING PER CITY OF SACRAMENTO SPECIFICATIONS.
- CONSTRUCT 24" JENSEN PRECAST DRAIN INLET WITH CAST IRON FRAME AND GRATE. GRATE SHALL BE INSTALLED 1" ABOVE FINISHED SUBGRADE AND GEOTEXTILE FABRIC PER LANDSCAPE DETAIL.
- CONSTRUCT 48" JENSEN PRECAST DRAIN INLET WITH HEAVY DUTY CAST IRON FRAME AND GRATE. SEE DETAIL ON SHEET C405. LANDSCAPE DETAIL SHALL BE USED. IF POSSIBLE, USE 48" JENSEN PLUS LANDSCAPE DETAILS.
- CONSTRUCT 4" PERFORATED PVC STORM DRAIN PIPE FOR LANDSCAPE DETAILS. SLOPE PER PLAN TRENCHING AND BEDDING PER CITY OF SACRAMENTO SPECIFICATIONS.
- CONSTRUCT 30" JENSEN PRECAST DRAIN INLET PER DETAIL ON SHEET C200.
- CONSTRUCT STORM DRAIN MANHOLE NO. 3 WITH HEAVY DUTY GRATE. US PER CITY OF SACRAMENTO STD. C-72.

WATER CONSTRUCTION NOTES

- CITY ENGINE WILL INSTALL 4" IRRIGATION WATER FOR A FEET OF 4" IRRIGATION WATER SHALL BE INSTALLED PER CITY OF SACRAMENTO SPECIFICATIONS.
- CONSTRUCT 1.5" WATER LINE (CSD 40 PVS) TO PROPOSED TRASH ENCLOSURE. SEE MECHANICAL SHEETS FOR CONNECTION.
- IRRIGATION POINT OF CONNECTION. SEE IRRIGATION PLANS FOR CONNECTION.

SEWER CONSTRUCTION NOTES

- CONSTRUCT SANITARY SEWER CLEANOUT PER DETAIL ON SHEET C400. CONNECT TO EXISTING COMBINED SEWER PIPE PER CITY OF SACRAMENTO SPECIFICATIONS.
- CONSTRUCT CIRCULAR AREA DRAIN, 2000-MM-UP OR EQUIVALENT. SEE ARCHITECTURAL DRAWINGS FOR FURTHER DETAIL.
- CONSTRUCT JENSEN PRECAST 500 GALLON GREAT INTERCEPTOR MODEL 5000 (CSD 40 PVS) EQUIVALENT PER MANHOLE DETAIL.
- CONSTRUCT 4" PVC (SDR 35) PIPE, SLOPE PER PLAN TRENCHING AND BEDDING PER CITY OF SACRAMENTO SPECIFICATIONS.
- CONSTRUCT SEWER SERVICE CONNECTION PER CITY OF SACRAMENTO STD. C-72.

AREA SUMMARY:

APPROXIMATE PROJECT LIMITS:	7,375 SF
	EXISTING PROPOSED
IMPERVIOUS AREA:	3,075 SF 1,175 SF
PERVIOUS AREA:	4,300 SF 6,200 SF
NET DECREASE IN IMPERVIOUS AREA BY 1,900 SF	

NOTE REGARDING EXISTING UTILITIES:

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ADDITIONAL FIELD VERIFICATION AND/OR POT-HOLING OF UTILITIES WILL BE REQUIRED PRIOR TO CONSTRUCTION.

SURVEY INFORMATION

EXISTING BOUNDARY INFORMATION SHOWN HEREON BASED UPON SURVEY FIELDWORK COMPLETED JULY 2019 AND PREPARED BY THE CITY OF SACRAMENTO.

EXISTING SURFACE FEATURES SHOWN HEREON ARE BASED UPON TOPOGRAPHIC SURVEY PERFORMED BY STANTEC IN FEBRUARY 2020, UTILIZING EXISTING CONTROL FROM THE FOREMENTIONED CITY SURVEY.

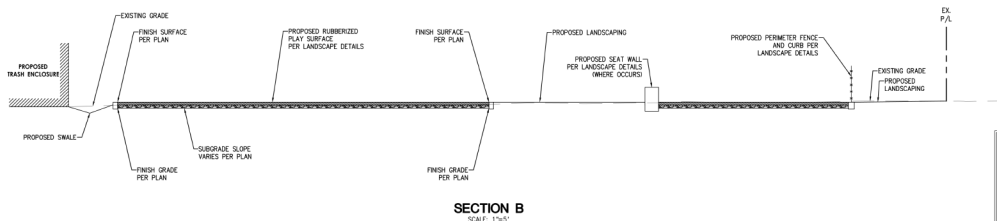
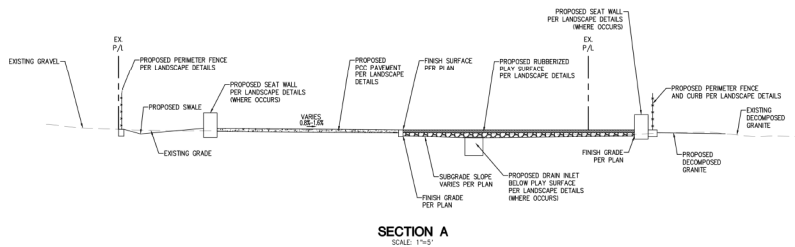
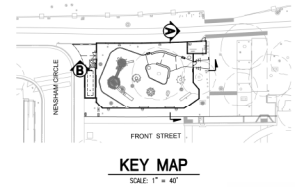
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LEGEND

- | | | | |
|-------|---|-----|---------------------------|
| XXXX | DESIGN ELEVATION | --- | EXISTING CONTOUR |
| XXXXX | EXISTING ELEVATION | --- | PROPERTY LINE |
| XXXXX | EXISTING DERIVED FROM AS-BUILT OR RECORD PLANS. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCY PRIOR TO THE COMMENCEMENT OF WORK. | --- | EXISTING LINE |
| XXX | DESIGN SLOPE PERCENT AND DIRECTION | --- | SEWER SHAPE AND DIRECTION |
| FS | FINISH SURFACE | | |
| FG | FINISH GRADE | | |
| FL | FLOWLINE | | |
| INV | INVERT | | |





NOTE REGARDING EXISTING UTILITIES:

EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATED PER RECORD PLANS. EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE NOT KNOWN AT THIS TIME. SOME EXISTING INFRASTRUCTURE WAS NOT SHOWN ON RECORD PLANS AND ARE APPROXIMATED HEREON.

ADDITIONAL FIELD VERIFICATION AND/OR POT-HOLING OF UTILITIES WILL BE REQUIRED PRIOR TO CONSTRUCTION.

SURVEY INFORMATION

EXISTING BOUNDARY INFORMATION SHOWN HEREON BASED UPON SURVEY FIELDWORK COMPLETED JULY 2019 AND PREPARED BY THE CITY OF SACRAMENTO.

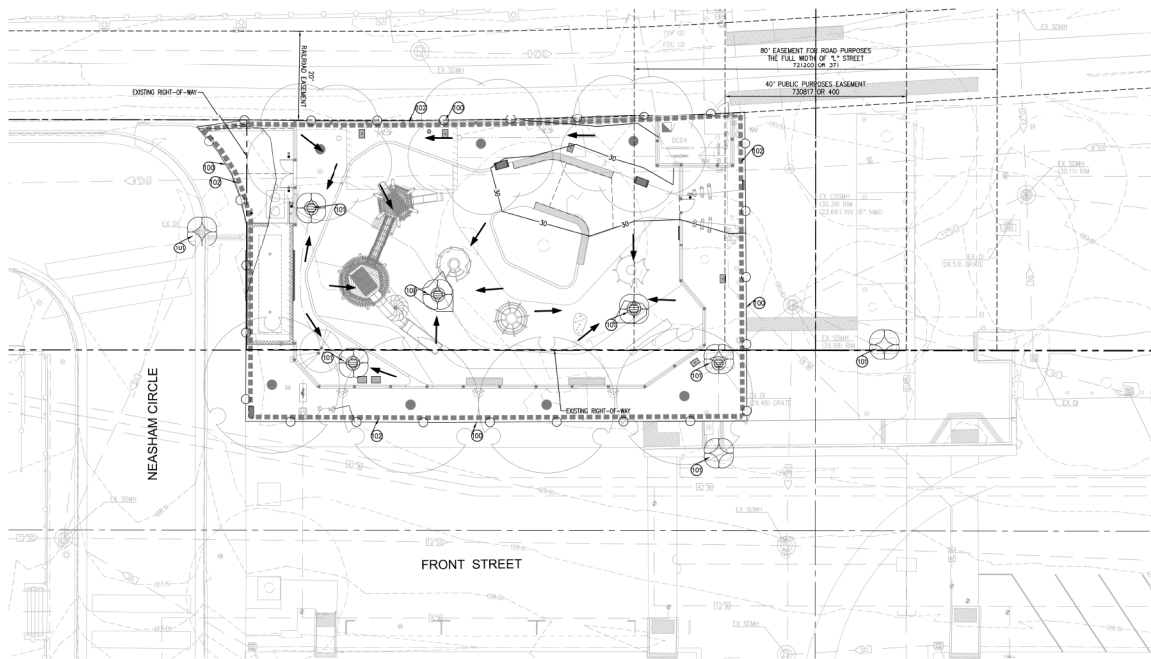
EXISTING SURFACE FEATURES SHOWN HEREON ARE BASED UPON TOPOGRAPHIC SURVEY PERFORMED BY STANTEC IN FEBRUARY 2020, UTILIZING EXISTING CONTROL FROM THE AFOREMENTIONED CITY SURVEY.

BENCHMARK INFORMATION

BM 297-B3K
ELEVATION=30.362' (CITY DATUM) 32.475' (NAVD83)
RAVINE IN BACK OF WALK AND PT, EAST SIDE OF TRACKS AT FRONT & L STREETS

BM297-B3E
ELEVATION=30.139' (CITY DATUM) 32.309' (NAVD83)
"V" NOTCH AT THE APEX OF BRASS PLAQUE THEODORE JUDAH MONUMENT AT 2ND ST. AND I ST. (1993)





EROSION CONTROL NOTES

- 1. CONSTRUCT 6' HIGH CONSTRUCTION FENCE WITH GREEN SCREEN.
- 2. CONSTRUCT INLET PROTECTION PER CITY OF SACRAMENTO STD. Q-30. SEE DETAIL ON SHEET 0600.
- 3. CONSTRUCT FIBER ROLL PER CITY OF SACRAMENTO STD. Q-40. SEE DETAIL ON SHEET 0600.

LEGEND

- XXXX DESIGN ELEVATION
- XXXXX EXISTING ELEVATION
- XXX DESIGN SLOPE PERCENT AND DIRECTION
- FS FINISH SURFACE
- FG FINISH GRADE
- FL FLOWLINE
- INV INVERT

- (1) --- EXISTING CONTOUR
- 30 --- PROPOSED MAJOR CONTOUR
- 31 --- PROPOSED MINOR CONTOUR
- --- PROPOSED GRADE BREAK
- --- PROPERTY LINE
- --- EXISTENT LINE
- --- DRAINAGE SWALE AND DIRECTION
- --- PROPOSED CONSTRUCTION FENCE
- --- PROPOSED FIBER ROLL
- --- SURFACE FLOW DIRECTION
- --- PROPOSED INLET PROTECTION



NOTE REGARDING EXISTING UTILITIES:

EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATED PER RECORD PLANS. EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE NOT KNOWN AT THIS TIME. SOME EXISTING INFRASTRUCTURE WAS NOT SHOWN ON RECORD PLANS AND ARE APPROXIMATED HEREON.

ADDITIONAL FIELD VERIFICATION AND/OR POT-HOLING OF UTILITIES WILL BE REQUIRED PRIOR TO CONSTRUCTION.

SURVEY INFORMATION

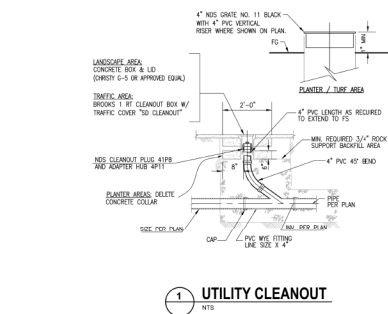
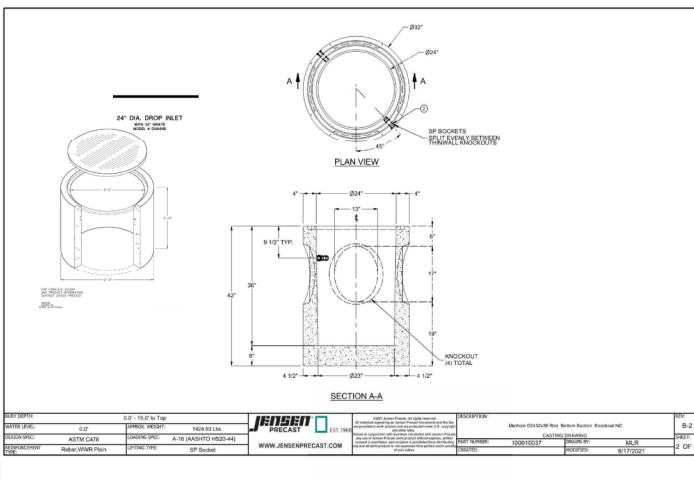
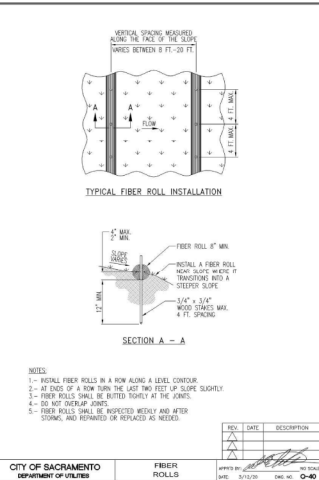
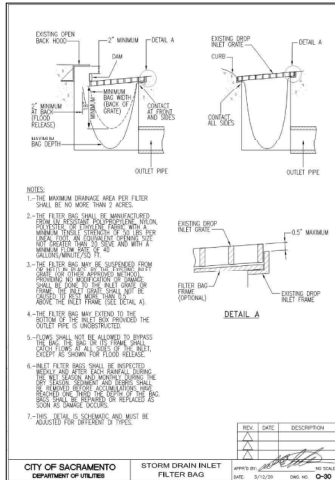
EXISTING BOUNDARY INFORMATION SHOWN HEREON BASED UPON SURVEY FIELDWORK COMPLETED JULY 2019 AND PREPARED BY THE CITY OF SACRAMENTO.

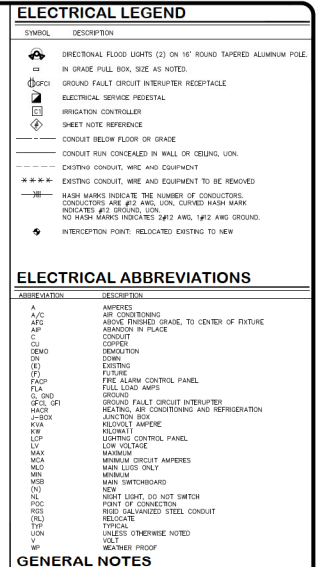
EXISTING SURFACE FEATURES SHOWN HEREON ARE BASED UPON TOPOGRAPHIC SURVEY PERFORMED BY STANTEC IN FEBRUARY 2020, UTILIZING EXISTING CONTROL FROM THE AFOREMENTIONED CITY SURVEY.

BENCHMARK INFORMATION

BM 297-B3K
ELEVATION=30.362' ICITY DATUM 32.475' (NAV88)
RAVINE IN BACK OF WALK AND PT. EAST SIDE OF TRACKS AT FRONT & L STREETS

BM297-B3E
ELEVATION=30.139' ICITY DATUM 32.309' (NAV88)
7"X7" NOTCH AT THE APEX OF BRASS PLAQUE THEODORE JUDAH MONUMENT AT 2ND ST. AND I ST. (1993)





100

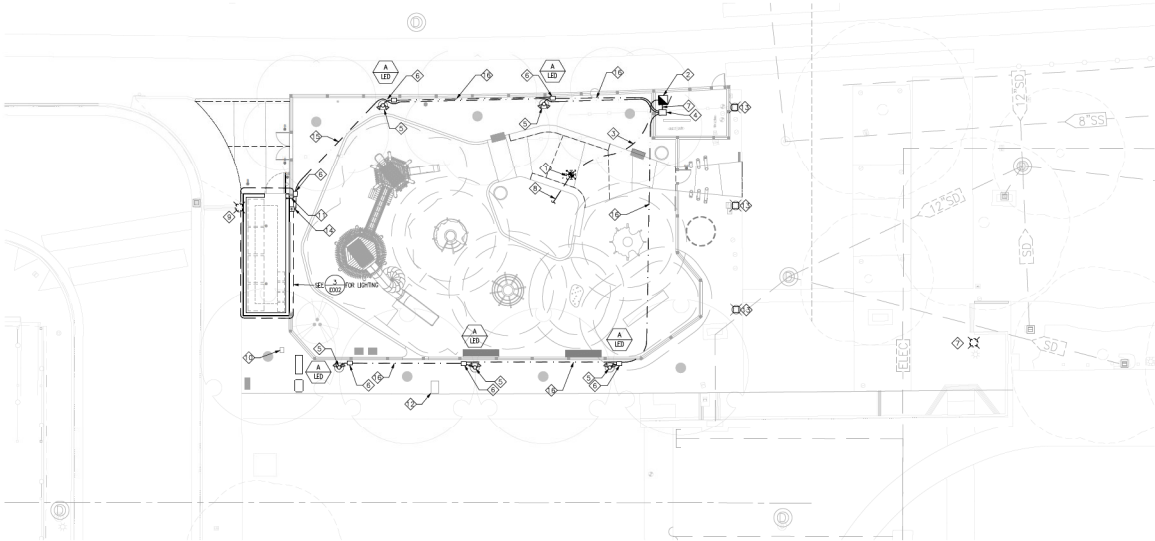
LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER/ CATALOG NO.	VOLTS	NO. LAMPS/ LAMP TYPE	LAMP WATTAGE	FIXTURE WATTAGE	DESCRIPTION
A LED	RICHEL - PHE-P2-BSCR- K8-W021-050E-B00-AM- L1-C3-0802	120	LED	53	53	LED FLOOD LIGHT FIXTURES (2) MOUNTED ON 16" ROUND TAPERED ALUMINUM POLE MOUNTED 16' A.D. 2 PER POLE. PROVIDE WITH .50 DEGREE ANGLE CUT CAP. (PROVIDE POLE AND ARM WITH BRONZE COLOR POWDER COATED FINISH)
B LED	UPONOR - CL4-S30-B000AM- SEP-EL-120V-021-40W- B0CR-H8-00700-01VB	120	LED	63	63	LED STRIP LIGHT PROVIDE WITH TRILUX MOUNTING TUBE PROVIDE WITH LACE. (2) WIGGLERS ARE REQUIRED PER FIXTURE. PROVIDE WITH 4'X6" BATTERY PACK.
C LED	LITOMON- LV-S-1-S-120/277-ELN	120	2 - LED	2.2	3.2 COLD 27.3	WALL MOUNTED

GENERAL NOTE

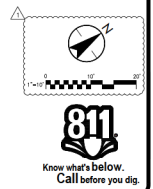
1. LIGHTING IS EXEMPT UNDER TITLE 24 CHAPTER 6, SUB CHAPTER 8 OUTDOOR LIGHTING SECTION 147.04.4 FOR CHILDREN'S PLAYGROUND LIGHTING.

SHEET NOTES

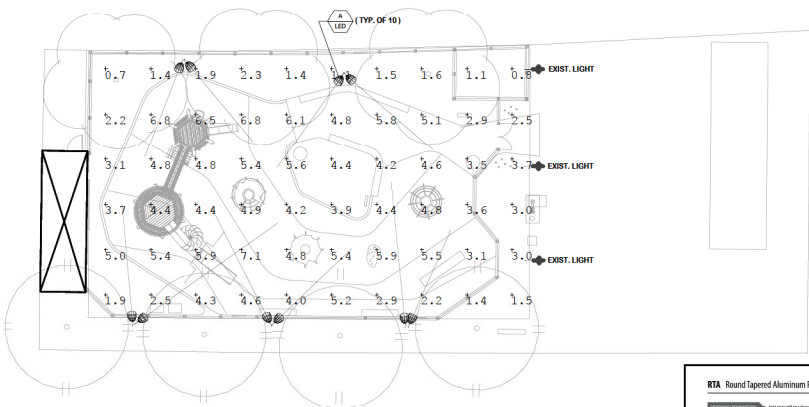
- REMOVE AND PROTECT EXISTING SERVICE PEDESTAL. REMOVE EXISTING FOUNDATION IN ITS ENTIRETY. REMOVE EXISTING SECONDARY CONDUCTORS AND EXTEND EXISTING SECONDARY CONDUITS TO RELOCATED PEDESTAL LOCATION.
- CONSTRUCT NEW SERVICE PEDESTAL FOUNDATION AND INSTALL RELOCATED EXISTING SERVICE PEDESTAL TO NEW FOUNDATION.
- EXTEND SECONDARY SERVICE CONDUIT TO RELOCATED PEDESTAL AND INSTALL NEW SECONDARY SERVICE CONDUCTORS FROM SMUD SERVICE POINT PULL BOX TO PL PEDESTAL LOCATION. COORDINATE EXACT LOCATION OF SECONDARY SERVICE POINT WITH SMUD. PROVIDE 2" 30#1 THIN 1#6 TIE BAR GROUND.
- PLACE NO.5 PULLBOX.
- PLACE TYPE A LED LIGHT FIXTURE ON 12' POLE. SEE FIXTURE SCHEDULE, THIS SHEET.
- PLACE NO.3-1/2 PULLBOX. TYPICAL FOR EACH LIGHT FIXTURE POLE.
- PLACE (2) 3" C. FROM NO. 3 PULL BOX TO SERVICE PEDESTAL. ROUTE ALL CONDUCTORS PER ONE LINE DIAGRAM AND CONNECT TO ASSIGNED CIRCUIT BREAKERS FOR THE PANEL SCHEDULE.
- EXISTING SMUD SECONDARY FEEDER CONDUIT AND CONDUCTORS. VERIFY SMUD SERVICE POINT WITH SMUD. REMOVE EX. CONDUCTORS. EXTEND CONDUIT AND PROVIDE NEW CONDUCTORS, 3#10 THIN, 1#6 TIE BAR GROUND.
- EXISTING OLD SACRAMENTO ORIGINAL SQUARE LANTERN LIGHT FIXTURE ON 10' POLE.
- EXISTING GAS METER.
- PLACE 1-1/2" CONCEALED IN CMU WALL. SEE 36002 FOR CONTINUATION.
- EXISTING SMUD SERVICE POINT PULL BOX.
- EXISTING SHEPHERD HOOK LIGHT FIXTURE TO REMAIN.
- INSTALL 1" C-30#10 1#6 GND. FOR IRRIGATION CONTROLLER MOUNTED TO EXTERIOR WALL.
- PLACE 2" C-30#10 (IRRIGATION), 3#6 (BUILDING LIGHTING) AND 1#6 GND.
- PLACE 1-1/2" C-3#6 1#6 GND (SITE LIGHTING).



ELECTRICAL PLAN
SCALE: 1" = 10'-0"



Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Tag	Luminaire Lumens	Mounting
	10	Pine P2 90CRI 40K 120 55DEG F	Single	N.A.	0.800	Pine P2 90CRI 40K 120 55DEG FLC	TYPE A	3888	53.23
	3	01666	Single	8800	0.800	EXISTING SHEPARD HOOK	SHEPARD HOOK POLE LIGHT	8554	100



Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
PLAYGROUND	Illuminance	Fc	3.64	7.1	0.7	5.49

PHOTOMETRIC CALCULATION PLAN

SCALE: 1"=10'-0"

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER/ CATALOG NO.	VOLTS	NO. LAMPS/ LAMP TYPE	LAMP WATTAGE	FIXTURE WATTAGE	DESCRIPTION
	HYDEL - PINE-P2-90CRI-40K-120-55DEG-F	120	LED	53	53	POLE MOUNTED 1' X 4' 2" POLE

RTA Round Tapered Aluminum Poles

Size	Material	Height	Weight	Notes	Notes
10'	6061-T6 Aluminum	10'	150 lbs	10' Round Tapered Aluminum Pole	10' Round Tapered Aluminum Pole
12'	6061-T6 Aluminum	12'	200 lbs	12' Round Tapered Aluminum Pole	12' Round Tapered Aluminum Pole
15'	6061-T6 Aluminum	15'	250 lbs	15' Round Tapered Aluminum Pole	15' Round Tapered Aluminum Pole
20'	6061-T6 Aluminum	20'	350 lbs	20' Round Tapered Aluminum Pole	20' Round Tapered Aluminum Pole
25'	6061-T6 Aluminum	25'	450 lbs	25' Round Tapered Aluminum Pole	25' Round Tapered Aluminum Pole
30'	6061-T6 Aluminum	30'	550 lbs	30' Round Tapered Aluminum Pole	30' Round Tapered Aluminum Pole
35'	6061-T6 Aluminum	35'	650 lbs	35' Round Tapered Aluminum Pole	35' Round Tapered Aluminum Pole
40'	6061-T6 Aluminum	40'	750 lbs	40' Round Tapered Aluminum Pole	40' Round Tapered Aluminum Pole
45'	6061-T6 Aluminum	45'	850 lbs	45' Round Tapered Aluminum Pole	45' Round Tapered Aluminum Pole
50'	6061-T6 Aluminum	50'	950 lbs	50' Round Tapered Aluminum Pole	50' Round Tapered Aluminum Pole
55'	6061-T6 Aluminum	55'	1050 lbs	55' Round Tapered Aluminum Pole	55' Round Tapered Aluminum Pole
60'	6061-T6 Aluminum	60'	1150 lbs	60' Round Tapered Aluminum Pole	60' Round Tapered Aluminum Pole
65'	6061-T6 Aluminum	65'	1250 lbs	65' Round Tapered Aluminum Pole	65' Round Tapered Aluminum Pole
70'	6061-T6 Aluminum	70'	1350 lbs	70' Round Tapered Aluminum Pole	70' Round Tapered Aluminum Pole
75'	6061-T6 Aluminum	75'	1450 lbs	75' Round Tapered Aluminum Pole	75' Round Tapered Aluminum Pole
80'	6061-T6 Aluminum	80'	1550 lbs	80' Round Tapered Aluminum Pole	80' Round Tapered Aluminum Pole
85'	6061-T6 Aluminum	85'	1650 lbs	85' Round Tapered Aluminum Pole	85' Round Tapered Aluminum Pole
90'	6061-T6 Aluminum	90'	1750 lbs	90' Round Tapered Aluminum Pole	90' Round Tapered Aluminum Pole
95'	6061-T6 Aluminum	95'	1850 lbs	95' Round Tapered Aluminum Pole	95' Round Tapered Aluminum Pole
100'	6061-T6 Aluminum	100'	1950 lbs	100' Round Tapered Aluminum Pole	100' Round Tapered Aluminum Pole

NOTES:

1. All dimensions are in feet and inches.
2. All dimensions are in feet and inches.
3. All dimensions are in feet and inches.
4. All dimensions are in feet and inches.
5. All dimensions are in feet and inches.
6. All dimensions are in feet and inches.
7. All dimensions are in feet and inches.
8. All dimensions are in feet and inches.
9. All dimensions are in feet and inches.
10. All dimensions are in feet and inches.

PINE P2 LED

HIGHLIGHTS

- The Pine Series accent light is suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents.
- Available in 120V and 277V.
- Available in 90CRI and 80CRI.
- Available in 40K and 50K.
- Available in 120V and 277V.
- Available in 120V and 277V.

FEATURES

- Available in 120V and 277V.
- Available in 120V and 277V.
- Available in 120V and 277V.
- Available in 120V and 277V.
- Available in 120V and 277V.
- Available in 120V and 277V.

TECHNICAL SPECIFICATIONS

Model	Power (W)	Power (VA)	Current (A)	Voltage (V)	Frequency (Hz)	Life (hrs)	Temp (°C)	Temp (°F)
P2-120V-40K-120-55DEG-F	53	53	0.44	120	60	50,000	-40	-40
P2-277V-40K-120-55DEG-F	53	53	0.19	277	60	50,000	-40	-40

STANDARD DISTRIBUTION

AIMING DETAILS

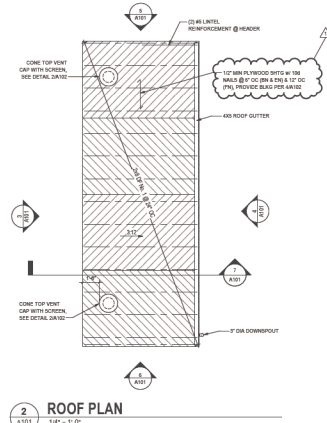
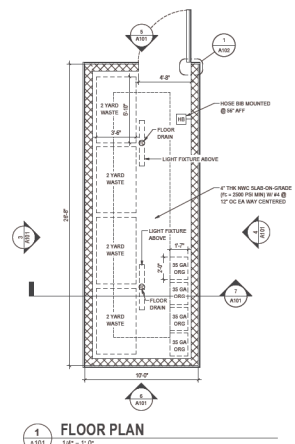
ARM & BR Horizontal Arms

TECHNICAL SPECIFICATIONS

Model	Power (W)	Power (VA)	Current (A)	Voltage (V)	Frequency (Hz)	Life (hrs)	Temp (°C)	Temp (°F)
ARM-120V-40K-120-55DEG-F	53	53	0.44	120	60	50,000	-40	-40
ARM-277V-40K-120-55DEG-F	53	53	0.19	277	60	50,000	-40	-40

STANDARD DISTRIBUTION

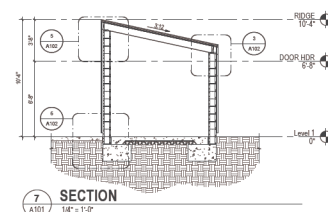
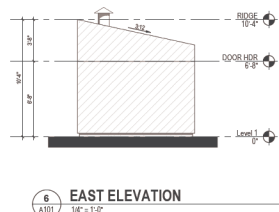
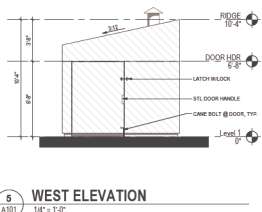
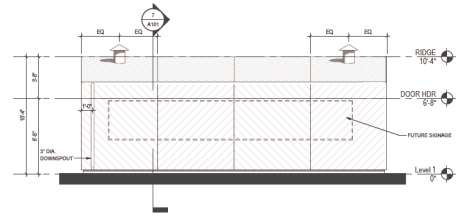
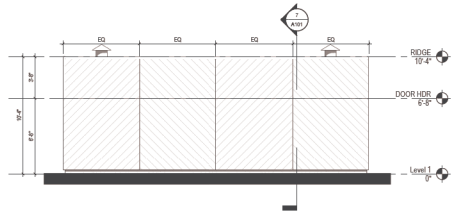
AIMING DETAILS

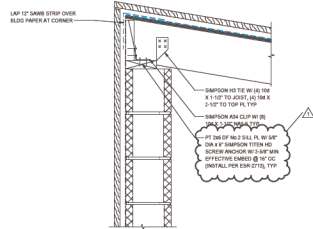


PROJECT DATA

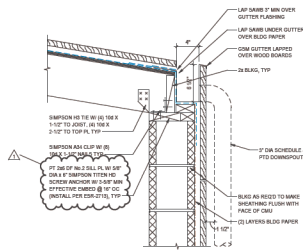
THIS UTILITY TRASH ENCLOSURE IS INTENDED TO SUPPORT ADJACENT FOOD AND BEVERAGE ESTABLISHMENTS AND SHANTY RETENUES FOR ACCESS TO THE PUBLIC.

BUILDING INFORMATION	
BUILDING SQ. FT.	239 SF
OCCUPANCY	GROUP U
TYPE OF CONSTRUCTION	1A-B
ALLOWABLE BUILDING HEIGHT	40'0" x 16'4" PER TABLE 501.3
ALLOWABLE BUILDING AREA	1,650 SF x 239 SF 2002 CBC TABLE 5.1, EQUATION 5-1: A ₁ = A ₂ = 1980 S.F. A ₁ + A ₂ = 3960 S.F. A ₁ + A ₂ = 3960 S.F. A ₁ = 1,650 S.F. - 0.008 x 775 A ₁ = 1,650 S.F. A ₂ = 1,650 S.F. A ₁ + A ₂ = 3,300 S.F. PER TABLE 501.2 A ₁ = 1,650 S.F. PER TABLE 501.2 A ₂ = 1,650 S.F. PER TABLE 501.2

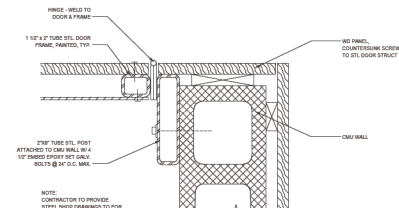




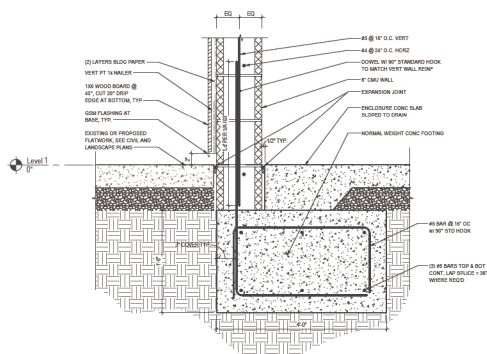
5 HIGH ROOF EDGE
1 1/2" = 1'-0"



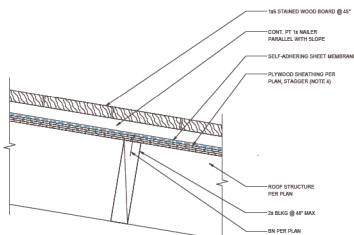
3 LOW ROOF EDGE/ GUTTER
1 1/2" = 1'-0"



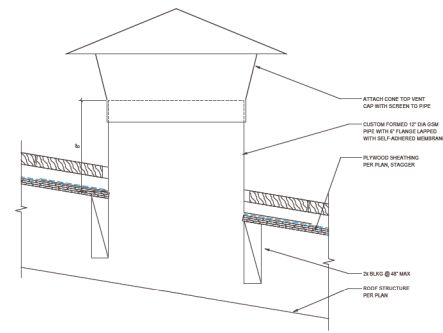
1 ENCLOSURE GATE JAMB
3" = 1'-0"



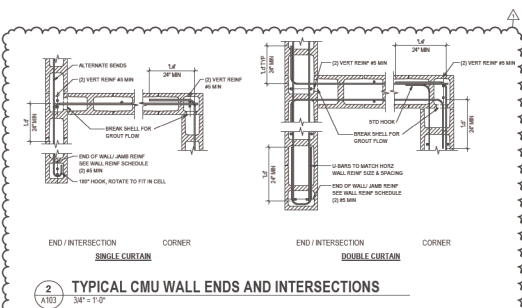
6 WALL BASE, TYP.
1 1/2" = 1'-0"



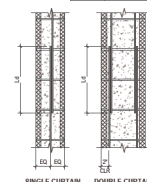
4 ROOF ASSEMBLY, TYP.
3" = 1'-0"



2 CONE TO VENT CAP
3" = 1'-0"

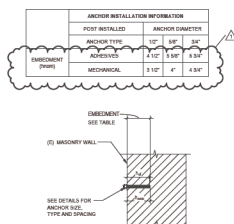


CMU TENSION DEVELOPMENT / LAP SPlice SCHEDULE (d, d INCHES)					Fm = 2000
BAR SIZE	BAR COVER OR CLEAR SPACING BETWEEN BARS BEING SPliced OR DEVELOPED WHICHEVER IS SMALLER				
	2.0"	2.5"	3.0"	20.5"	
#3	15	12	12	12	
#4	24	18	15	15	
#5	36	30	24	21	
#6	48	54	45	39	
#7	67	72	60	81	



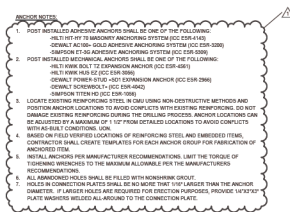
- NOTES:**
1. REINFORCING SHALL BE PLACED AS SHOWN AND AS INDICATED ON THE DRAWINGS.
 2. WHEN EPOXY-COATED BARS ARE USED THE TABLE LENGTHS OF THE REINCHMENT SHALL BE USED.
 3. USE MECHANICAL SPICES FOR #6 & LARGER BARS. MECHANICAL SPICES MAY BE USED IN LIEU OF LAP SPICES @ CONTRACTOR'S OPTION.
 4. MECHANICAL SPICES SHALL BE TYPE 3 AS DEFINED IN A.C.I. 308. SPICES SHALL BE PLACED AT LEAST 10% OF THE SPECIFIED YIELD STRENGTH (FY) OF THE SPICED BAR.
 5. WHERE MECHANICAL SPICES ARE USED, STAGGER MECHANICAL SPICES BY 34".
 6. MAXIMUM BAR SIZE:
 - a. F' FLOOR = #6
 - b. F' FLOOR = #8
 - c. F' FLOOR = #8
 7. REINFORCEMENT SPICED BY NON-CONTACT LAP SPICES SHALL NOT BE SPACED TRANSVERSELY FARTHER APART THAN 1/4TH THE REQUIRED LENGTH OF LAP NOR MORE THAN 6".

4 TYPICAL OPENINGS IN CMU WALL



5 POST INSTALLED ANCHORS IN CMU

3 CMU REBAR DEV LENGTH AND LAP SPLICE



REINFORCING STEEL:

4. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM SPEC. GR. 60.
5. REINFORCING STEEL FOR CAST-IN-PLACE UNSTRESS-CURED CONCRETE MEMBERS SHALL HAVE THE FOLLOWING CONCRETE COVER, SEE A-1 FOR TOLERANCES.
6. CONCRETE COVER SHALL BE:
- a. CAST AGAINST AND TO REINFORCE WITH CAST-IN-PLACE CONCRETE (SEE A-1) 1 1/2"
- b. EXPOSED TO WEATHER OR IN CONTACT WITH EARTH (SEE A-1) 2"
- c. EXPOSED TO WEATHER OR IN CONTACT WITH EARTH AND LAUREL² 3"
7. BARS SHALL BE SET, DETAILED AND CONSTRUCTED IN ACCORDANCE WITH CONTRACTOR OPTION, BAR SCHEDULE, REINFORCEMENT SCHEDULE, REINFORCEMENT DETAILS, IN-FORMED RINGS AND SLABS (SLIP-1) AND SHALL NOT SPIN, BOTTOM BARS OR SPIN.
8. STEEL REINFORCEMENT FOR DRAWING SHALL BE PREPARED BY THE CONTRACTOR IN ACCORDANCE WITH THE REINFORCEMENT SCHEDULE, REINFORCEMENT DETAILS, IN-FORMED RINGS AND SLABS (SLIP-1) AND SHALL BE:
- a. MATERIALS AND GRADE
- b. FABRICATED TO MEET ALL REINFORCING BAR AND BARS
- c. ANCHORED, SPICING, COUPLER, LAP, LOCATIONS AND LENGTHS
- d. IN FULL DETAIL TO MEET ALL REINFORCING BAR AND BARS
- e. SUPPORTED FOR FULL CONTACT REINFORCEMENT
- f. REINFORCEMENT IN ACCORDANCE WITH THE REINFORCEMENT SCHEDULE
9. ALL REINFORCING STEEL SHALL BE DETAIL AND PLACED IN CONFORMANCE WITH A-1 AND THE BUREAU OF STANDARDS PRACTICE OR AS MODIFIED BY THE CONTRACT DOCUMENTS.
10. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED WITHOUT SHOP DRAWING. ALL REINFORCEMENT SHALL BE SET, DETAIL AND CONSTRUCTED IN ACCORDANCE WITH CONTRACTOR OPTION, BAR SCHEDULE, REINFORCEMENT SCHEDULE, REINFORCEMENT DETAILS, IN-FORMED RINGS AND SLABS (SLIP-1) AND SHALL NOT SPIN, BOTTOM BARS OR SPIN.
11. EXISTING CONCRETE REINFORCEMENT (AS IN A-1) SHALL BE REMOVED (SEE A-1) AND BARS SHALL BE USED THROUGH PERMANENTLY DISPOSED TO MEET DESIGN STALLS, AS IN A-1 AND BUREAU NOTES TO THE CONTRACT DOCUMENTS.

1 GENERAL NOTES - STRUCTURAL

- ### STRUCTURAL LUMBER:

- [illegible]

CONCRETE MASONRY

- [illegible]

[illegible]

SOILS				CEC 110.6
1. BEARING MATERIAL	<input checked="" type="checkbox"/>	PERIODIC	VERIFY MATERIALS BELOW WALL/ON FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	GEOTECHNICAL REPORT
2. EXCAVATIONS	<input checked="" type="checkbox"/>	PERIODIC	VERIFY EXCAVATIONS ARE EXTENDED TO THE PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	GEOTECHNICAL DOCUMENTS
3. FILL MATERIALS	<input checked="" type="checkbox"/>	PERIODIC	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	
4. PRIOR TO PLACEMENT OF FILL	<input checked="" type="checkbox"/>	PERIODIC	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT THE SITE HAS BEEN DRAINAGE IMPROVED.	
5. DURING PLACEMENT OF FILL	<input checked="" type="checkbox"/>	CONTINUOUS	VERIFY USE OF PROPER MATERIAL, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION PROCESSES.	

<p>ALL STRUCTURAL WORK SHALL CONFORM TO THE DRAWINGS, THE PROJECT SPECIFICATIONS, ALL APPLICABLE STANDARDS AND THE FOLLOWING BUILDING CODES (EBC):</p>	<p>1. HEAD LOAD: THE SELF WEIGHT OF THE STRUCTURE.</p>
<p>2. ALL APPLICABLE PERFORMANCE STANDARDS AS IMPOSED BY THE BUILDING CODE, INCLUDE:</p>	<p>1. LIVE LOAD</p>
<p>ADD TO IT A MINIMUM DESIGN LOAD FOR BUILDINGS AND OTHER STRUCTURES AS NOTED IN THE DRAWINGS.</p> <p>2. ADD TO IT THE MINIMUM CODE REQUIREMENTS FOR THE FOLLOWING COMPONENTS:</p> <p>A. FLOOR SLABS</p> <p>B. ROOFS</p> <p>C. EXTERIOR WALLS</p> <p>D. EXTERIOR WALLS</p> <p>E. EXTERIOR WALLS</p> <p>F. EXTERIOR WALLS</p> <p>G. EXTERIOR WALLS</p> <p>H. EXTERIOR WALLS</p> <p>I. EXTERIOR WALLS</p> <p>J. EXTERIOR WALLS</p> <p>K. EXTERIOR WALLS</p> <p>L. EXTERIOR WALLS</p> <p>M. EXTERIOR WALLS</p> <p>N. EXTERIOR WALLS</p> <p>O. EXTERIOR WALLS</p> <p>P. EXTERIOR WALLS</p> <p>Q. EXTERIOR WALLS</p> <p>R. EXTERIOR WALLS</p> <p>S. EXTERIOR WALLS</p> <p>T. EXTERIOR WALLS</p> <p>U. EXTERIOR WALLS</p> <p>V. EXTERIOR WALLS</p> <p>W. EXTERIOR WALLS</p> <p>X. EXTERIOR WALLS</p> <p>Y. EXTERIOR WALLS</p> <p>Z. EXTERIOR WALLS</p>	<p>3. WIND LOAD</p> <p>4. MINIMUM DESIGN WIND SPEED (V) = 30 MPH</p> <p>5. MINIMUM DESIGN WIND SPEED (V) = 30 MPH</p> <p>6. WIND IMPORTANCE FACTOR = 1.0</p> <p>7. EXPOSURE CATEGORY = B</p> <p>8. PRESSURE COEFFICIENT (Cp) = 0.85</p> <p>9. INTERNAL PRESSURE COEFFICIENT (Cpi) = 0.18</p> <p>10. GUST EFFECT FACTOR (G) = 0.95</p>
<p>3. THE STRUCTURE SHALL BE DESIGNED FOR THE DESIGN OF COLLECTED STRESS STRUCTURAL MEMBERS, 1910</p>	<p>4. DESIGN LOAD</p>
<p>4. THE SCOPE OF WORK IS NOT SOLIDLY DEFINED BY THE FOLLOWING NOTES:</p>	<p>A. SITE DATA</p>
<p>5. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>B. WIND CATEGORY = 1</p>
<p>6. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>C. MAXIMUM EXPECTED RESPONSE</p>
<p>7. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>D. SHORT PERIOD $R_n = 4$</p>
<p>8. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>E. SEISMIC RESPONSE $R_n = 4$</p>
<p>9. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>F. SHORT PERIOD $R_n = 4$</p>
<p>10. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>G. SEISMIC RESPONSE $R_n = 4$</p>
<p>11. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>H. SEISMIC RESPONSE $R_n = 4$</p>
<p>12. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>I. SEISMIC RESPONSE $R_n = 4$</p>
<p>13. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>J. SEISMIC RESPONSE $R_n = 4$</p>
<p>14. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>K. SEISMIC RESPONSE $R_n = 4$</p>
<p>15. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>L. SEISMIC RESPONSE $R_n = 4$</p>
<p>16. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>M. SEISMIC RESPONSE $R_n = 4$</p>
<p>17. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>N. SEISMIC RESPONSE $R_n = 4$</p>
<p>18. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>O. SEISMIC RESPONSE $R_n = 4$</p>
<p>19. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>P. SEISMIC RESPONSE $R_n = 4$</p>
<p>20. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>Q. SEISMIC RESPONSE $R_n = 4$</p>
<p>21. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>R. SEISMIC RESPONSE $R_n = 4$</p>
<p>22. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>S. SEISMIC RESPONSE $R_n = 4$</p>
<p>23. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>T. SEISMIC RESPONSE $R_n = 4$</p>
<p>24. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>U. SEISMIC RESPONSE $R_n = 4$</p>
<p>25. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>V. SEISMIC RESPONSE $R_n = 4$</p>
<p>26. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>W. SEISMIC RESPONSE $R_n = 4$</p>
<p>27. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>X. SEISMIC RESPONSE $R_n = 4$</p>
<p>28. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>Y. SEISMIC RESPONSE $R_n = 4$</p>
<p>29. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>Z. SEISMIC RESPONSE $R_n = 4$</p>
<p>30. THE STRUCTURE SHALL BE DESIGNED FOR THE PROJECT, DESIGN AND CONSTRUCTION, REFERENCED IN PLANS OR DETAILS, DETAILS OF CONSTRUCTION NOT FULLY SHOWN ON NOTES.</p>	<p>AA. SEISMIC RESPONSE $R_n = 4$</p>

ACORDTM**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

9/02/2025

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 any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Insurance Services, LLC Lic # OG11911 10940 White Rock Rd 2nd Fl Rancho Cordova, CA 95670		CONTACT NAME: ZZ** Jacob Wheeler PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: jacob.wheeler@usi.com	
INSURED John F. Otto, Inc. dba Otto 1717 Second Street Sacramento, CA 95811		INSURER(S) AFFORDING COVERAGE INSURER A : National Union Fire Ins Co of Pitts, PA INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :	
		NAIC #	
		19445	

COVERAGES**CERTIFICATE NUMBER:****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 INSR	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 <input checked="" type="checkbox"/> Pd Ded:\$10,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	GL9895007	09/01/2025	09/01/2026	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Drive Oth Car <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY	X	X	2507827	09/01/2025	09/01/2026	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N / A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC048407301	09/01/2025	09/01/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$2,000,000 E.L. DISEASE - EA EMPLOYEE \$2,000,000 E.L. DISEASE - POLICY LIMIT \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

A WC048407302 Eff Date: 09/01/2025 Exp Date: 09/01/2026

WC Each Accident Limit: \$2,000,000

WC Policy Limit: \$2,000,000

WC Each Employee Limit: \$2,000,000

(See Attached Descriptions)

CERTIFICATE HOLDER**CANCELLATION**

City of Sacramento
 c/o EXIGIS LLC
 P.O. Box 947
 Murrieta, CA 92564-0000

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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DESCRIPTIONS (Continued from Page 1)

The City of Sacramento, its officials, agents, employees & volunteers are additional insured with respect to General Liability and Auto Liability, when required by written contract, per attached. Waiver of Subrogation applies to General Liability, Auto Liability and Workers Compensation, when required by written contract. Umbrella follows form. 30 Day Notice of Cancellation applies per attached.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
ANY PERSON OR ORGANIZATION WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT.
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" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

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 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.

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 WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II 6 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.

ENDORSEMENT

This endorsement, effective 12:01 A.M. 09/01/2026

forms a part of Policy No. GL989-50-07

issued to JOHN F. OTTO, INC. DBA OTTO CONSTRUCTION

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURG, PA.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

AMENDMENT OF LIMITS OF INSURANCE (Per Project or Per Location Aggregate Limit)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

- I. Your policy is amended to include either a Per Project General Aggregate Limit, a Per Location General Aggregate Limit or a Per Project and Per Location General Aggregate Limit. Please select only *one* of the following:

<input checked="" type="checkbox"/> Per Project General Aggregate Limit	\$ 2,000,000
<input type="checkbox"/> Per Location General Aggregate Limit	\$
<input type="checkbox"/> Per Project and Per Location General Aggregate Limit	\$

IF NEITHER OF THESE BOXES ARE CHECKED, THIS ENDORSEMENT IS VOID. IF MORE THAN ONE OF THE THESE BOXES ARE CHECKED, THIS ENDORSEMENT IS VOID.

II. SECTION III - LIMITS OF INSURANCE , is amended to include the following:

1. The Limits of Insurance and the rules below fix the most we will pay regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
2. The General Aggregate Limit is the most we will pay for the sum of:
 - a. Medical expenses under Coverage C;
 - b. Damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the products-completed operations hazard"; and
 - c. Damages under Coverage B.
3. The Products-Completed Operations Aggregate Limit is the most we will pay under Coverage A for damages because of "bodily injury" and "property damage" included in the "products-completed operations hazard".
4. Subject to 2. above, the Personal and Advertising Injury Limit is the most we will pay under Coverage B for the sum of all damages because of all "personal and advertising injury" sustained by any one person or organization.
5. Subject to 2. or 3. above, whichever applies, the Each Occurrence Limit is the most we will pay for the sum of:
 - a. Damages under Coverage A; and
 - b. Medical expenses under Coverage C

because of all "bodily injury" and "property damage" arising out of any one "occurrence".

6. Subject to 5. above, the Damage to Premises Rented To You Limit is the most we will pay under Coverage A because of "property damage" to any one premises, while rented to you, or in the case of damage by fire, while rented to you or temporarily occupied by you with permission of the owner.
7. Subject to 5. above, the Medical Expense Limit is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person.
8. Subject to 2., 4., 5., 6., and/or 7. above, the Per Project Aggregate Limit is the most we will pay under Coverages A, B, and C combined for the sum of:
 - a. Damages under Coverage A;
 - b. Damages under Coverage B; and
 - c. Medical Expenses under Coverage C

arising out of any single Project described above.

9. Subject to 2., 4., 5., 6., and/or 7. above, the Per Location Aggregate Limit is the most we will pay under Coverages A, B, and C combined for the sum of:
 - a. Damages under Coverage A;
 - b. Damages under Coverage B; and
 - c. Medical expenses under Coverage C

arising out of the any single Location described above.

The Limits of Insurance of this Coverage Part apply separately to each consecutive annual period and to any remaining period of less than 12 months, starting with the beginning of the policy period shown in the Declarations, unless the policy period is extended after issuance for an additional period of less than 12 months. In that case, the additional period will be deemed part of the last preceding period for purposes of determining the Limits of Insurance.

- III. The Limits of Insurance shown in the Declarations are deleted in their entirety and replaced by the Limits of Insurance set forth below.

	Limits of Insurance
General Aggregate Limit	\$ 15,000,000
Each Occurrence Limit	\$ 1,000,000
Products-Completed Operations Aggregate Limit	\$ 2,000,000
Personal & Advertising Injury Limit	\$ 1,000,000
Damage to Premises Rented to You	\$ 300,000
Medical Expense Limit	\$ 10,000
Per Project General Aggregate Limit, Per Location General Aggregate Limit or Per Project and Per Location General Aggregate Limit	\$ 2,000,000

IV. SECTION V - DEFINITIONS, is amended to include the following:

23. "Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway, or right-of-way railroad.

All other terms and conditions of this policy remain the same.



Authorized Representative or
Countersignature (in States Where
Applicable)

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.