

ENGINEER OF WORK

The engineering Specifications and Special Provisions contained herein have been prepared by or under the direction of the following Registered Engineer:



For City Engineer

1/31/24

Date

Seal:



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REQUIRED DOCUMENTS SCHEDULE DURING BIDDING AND AWARDING

The Bidder's attention is directed to the City's Municipal Code §22.0807(d)(2) for important information regarding grounds for debarment for failure to submit required documentation.

The specified Equal Opportunity Contracting Program (EOCP) forms are available for download from the City's web site at:

<http://www.sandiego.gov/eoc/forms>

ITEM	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
1.	Bid Bond (PDF via PlanetBids)	At Time of Bid	ALL BIDDERS
2.	Contractors Certification of Pending Actions	At Time of Bid	ALL BIDDERS
3.	List of Subcontractors for Alternate Items	At Time of Bid	ALL BIDDERS
4.	Mandatory Disclosure of Business Interests	At Time of Bid	ALL BIDDERS
5.	Debarment and Suspension Certification for Prime Contractors	At Time of Bid	ALL BIDDERS
6.	Debarment and Suspension Certification for Subcontractors, Suppliers & Mfgs	At Time of Bid	ALL BIDDERS
7.	Bid Bond (Original)	By 5 PM 1 working day after bid opening	ALL BIDDERS
8.	SLBE Good Faith Effort Documentation	By 5 PM 3 working days after bid opening	ALL BIDDERS
9.	Form AA60 – List of Work Made Available	By 5 PM 3 working days after bid opening with Good Faith Effort (GFE) documentation	ALL BIDDERS
10.	Phased Funding Schedule Agreement	Within 10 working days of the Notice of Intent to Award	AWARDED BIDDER
11.	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License 	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER

ITEM	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
12.	Payment & Performance Bond: Certificates of Insurance & Endorsements	Within 10 working days of receipt by bidder of contract forms and NOI	AWARDED BIDDER
13.	In-Use Off-Road Diesel Fueled Fleet Regulation (OFF-ROAD REGULATION) Compliance	Within 10 working days of receipt by bidder of contract forms and NOI	AWARDED BIDDER
14.	Signed Contract Agreement Page	Within 3 working days of receipt by bidder of Contract Agreement	AWARDED BIDDER
15.	Listing of "Other Than First Tier" Subcontractors	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER

NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe**. For additional information refer to Attachment A.
2. **FULL AND OPEN COMPETITION:** This solicitation is subject to full and open competition and may be bid by Contractors on the City's approved Prequalified Contractors List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$10,800,000**.
4. **BID DUE DATE AND TIME ARE: MARCH 11, 2024 at 2:00 PM.**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** To be eligible for award of this contract, Prime contractor must possess the following licensing classification: **A** or **C-34**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
 - 7.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	8.4%
2. ELBE participation	13.9%
3. Total mandatory participation	22.3%
 - 7.2. The current list of Certified SLBE/ELBE Firms to be used for outreach for this project is posted to the Documents tab on Planetbids.
 - 7.3. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
 - 7.3.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR
 - 7.3.2. Submit Good Faith Effort (GFE) documentation, saved in searchable Portable Document Format (PDF), demonstrating the Bidder made a good faith effort

to conduct outreach to and include SLBE-ELBE Subcontractors as required in this solicitation by 5PM 3 Working Days after the Bid opening if the overall mandatory participation percentage is not met.

All submittals in searchable PDF shall be submitted electronically within the prescribed time identified in the contract documents via PlanetBids by invitation to the point of contact named in the bid provided by the Contract Specialist to all bidders.

8. PRE-BID MEETING:

8.1. ENCOURAGED ONLINE PRE-BID MEETING:

Prospective Bidders are **encouraged** to attend the Pre-Bid Meeting.

The Pre-Bid Meeting will be held on **Tuesday, February 20, 2024**, at **11:00 AM (PDT)** at:

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 241 723 627 307

Passcode: XnFf4U

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 945-468-5511,,818402267#](#) United States, Dallas

Phone Conference ID: 818 402 267#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

Please Note: You will need to join the meeting with a computer, tablet or smartphone with the **Microsoft Teams** in order to sign in via the Chat feature as attendance at the meeting will be evidenced by the Chat sign-in. The Chat feature will also be used for attendees to ask any questions.

The purpose of the meeting is to discuss the scope of the Project, submittal requirements, and any Equal Opportunity Contracting Program requirements and reporting procedures.

Upon entering the meeting, all attendees must use the chat feature to sign in with the following information: Name of firm, Attendee's name, Phone number and Email address.

9. AWARD PROCESS:

9.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions of Award as stated within these documents and within the Notice of Intent to Award.

- 9.2. Upon acceptance of bids and determination of the apparent low bidder, the City will prepare the contract documents for execution within approximately 21 days of the date of the bid opening. The City will then award the contract upon receipt of properly signed Contract, bonds, and insurance documents.
- 9.3. This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form by the City Attorney's Office.
- 9.4. The low Bid will be determined by the Base Bid plus all the Alternates.
- 9.5. Once the low Bid has been determined, the City may, at its sole discretion, award the contract for the Base Bid plus one or more Alternates.

10. SUBMISSION OF QUESTIONS:

- 10.1. The Director (or Designee) of the Purchasing & Contracting Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. Any questions related to this solicitation shall be submitted to:

RRiego@sandiego.gov

- 10.2. Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 10.3. Questions or clarifications deemed by the City to be material shall be answered via issuance of an addendum and posted to the City's online bidding service.
- 10.4. Only questions answered by formal written addenda shall be binding. Oral and other interpretations or clarifications shall be without legal effect. It is the Bidder's responsibility to be informed of any addenda that have been issued and to include all such information in its Bid.

- 11. **PHASED FUNDING:** This contract may be subject to phased funding, for Conditions, see Attachment B.

12. ADDITIVE/DEDUCTIVE ALTERNATES:

- 12.1. The additive/deductive alternates have been established to allow the City to compare the cost of specific portions of the Work with the Project's budget and enable the City to make a decision whether to incorporate these portions prior to award. The award will be established as described in the Bid. The City reserves the right to award the Contract for the Base Bid only or for the Base Bid plus one or more Alternates.
- 12.2. For water pipeline projects, the Plans typically show all cut and plug and connection work to be performed by City Forces. However, Bidders shall refer to Bidding Documents to see if all or part of this work will be performed by the Contractor.

INSTRUCTIONS TO BIDDERS

1. PREQUALIFICATION OF CONTRACTORS:

- 1.1. Contractors submitting a Bid must be pre-qualified for the total amount proposed, including all alternate items, prior to the date of submittal. Bids from contractors who have not been pre-qualified as applicable and Bids that exceed the maximum dollar amount at which contractors are pre-qualified may be deemed **non-responsive** and ineligible for award.
- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening.
- 1.3. **Joint Venture Bidders Cumulative Maximum Bidding Capacity:** For projects with an engineer's estimate of \$30,000,000 or greater, Joint Ventures submitting bids may be deemed responsive and eligible for award if the cumulative maximum bidding capacity of the individual Joint Venture entities is equal to or greater than the total amount proposed.
 - 1.3.1. Each of the entities of the Joint Venture must have been previously prequalified at a minimum of \$15,000,000.
 - 1.3.2. Bids submitted with a total amount proposed of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification. To be eligible for award in this scenario, the Joint Venture itself or at least one of the Joint Venture entities must have been prequalified for the total amount proposed.
 - 1.3.3. Bids submitted by Joint Ventures with a total amount proposed of \$30,000,000 or greater on a project with an engineer's estimate of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification.
 - 1.3.4. The Joint Venture designated as the Apparent Low Bidder shall provide evidence of its corporate existence and furnish good and approved bonds in the name of the Joint Venture within 14 Calendar Days of receipt by the Bidder of a form of contract for execution.
- 1.4. Complete information and links to the on-line prequalification application are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification>
- 1.5. Due to the City's responsibility to protect the confidentiality of the contractors' information, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids.™](#)

2. **ELECTRONIC FORMAT RECEIPT AND OPENING OF BIDS:** Bids will be received in electronic format (eBids) EXCLUSIVELY at the City of San Diego's electronic bidding (eBidding) site, at: <http://www.sandiego.gov/cip/bidopps> and are due by the date, and time shown on the cover of this solicitation.
- 2.1. **BIDDERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit an electronic bid.
- 2.2. The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.
- 2.3. The City's electronic bidding system is responsible for bid tabulations. Upon the bidder's or proposer's entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 2.4. **BIDS REMAIN SEALED UNTIL BID DEADLINE.** eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the "Bid Due Date and Time" are not available for review by anyone other than the submitter who has until the "Bid Due Date and Time" to change, rescind or retrieve its proposal should it desire to do so.
- 2.5. **BIDS MUST BE SUBMITTED BY BID DUE DATE AND TIME.** Once the bid deadline is reached, no further submissions are accepted into the system. Once the Bid Due Date and Time has lapsed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, EOCB compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.
- 2.6. **RECAPITULATION OF THE WORK.** Bids shall not contain any recapitulation of the Work. Conditional Bids may be rejected as being non-responsive. Alternative proposals will not be considered unless called for.

2.7. BIDS MAY BE WITHDRAWN by the Bidder only up to the bid due date and time.

2.7.1. Important Note: Submission of the electronic bid into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the bidder's submission to upload and be received by the City's eBidding system. It is the bidder's sole responsibility to ensure their bids are received on time by the City's eBidding system. The City of San Diego is not responsible for bids that do not arrive by the required date and time.

2.8. ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE: To request a copy of this solicitation in an alternative format, contact the Purchasing & Contracting Department, Public Works Division Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the Bid/Proposal due date to ensure availability.

3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT:

3.1. The bidder, by submitting its electronic bid, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.

3.2. By submitting an electronic bid, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of the plans and specifications, drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its bid proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents, including any addenda issued thereto, and incorporated by reference in the Contract Documents.

3.3. The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this bid are true and correct.

3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent.

4. BIDS ARE PUBLIC RECORDS: Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City

shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

5.1. **Prior** to the Award of the Contract or Task Order, you and your Subcontractors and Suppliers must register with the City’s web-based vendor registration and bid management system. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg>

5.2. The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer

6. JOINT VENTURE CONTRACTORS: Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 14 Calendar Days after receiving the Contract forms.

7. INSURANCE REQUIREMENTS:

7.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City’s Notice of Intent to Award letter.

7.2. Refer to sections 5-4, “INSURANCE” of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

8. REFERENCE STANDARDS: Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”) http://www.greenbookspecs.org/	2021	ECPI010122-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)* https://www.sandiego.gov/ecp/edocref/greenbook	2021	ECPI010122-02
City of San Diego Standard Drawings* https://www.sandiego.gov/ecp/edocref/standarddraw	2021	ECPI010122-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/ecp/edocref/drawings	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications https://dot.ca.gov/programs/design/july-2023-ccs-standard-plans-and-standard-specifications	2023	ECPD092023-05

Title	Edition	Document Number
CALTRANS Standard Plans https://dot.ca.gov/programs/design/july-2023-ccs-standard-plans-and-standard-specifications	2023	ECPD092023-06
California Manual on Uniform Traffic Control Devices Revision 7 (CA MUTCD Rev 7) https://dot.ca.gov/programs/safety-programs/camutcd	2014	ECPD081023-07
NOTE: *Available online under Engineering Documents and References at: https://www.sandiego.gov/ecp/edocref/ *Electronic updates to the Standard Drawings may also be found in the link above		

9. **CITY'S RESPONSES AND ADDENDA:** The City, at its discretion, may respond to any or all questions submitted in writing via the City's eBidding web site in the **form of an addendum**. No other responses to questions, oral or written shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addenda are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.
10. **CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.
11. **CONTRACT PRICING:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.
12. **SUBCONTRACTOR INFORMATION:**
- 12.1. **LISTING OF SUBCONTRACTORS.** In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Bidder shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall state the **DIR REGISTRATION NUMBER** for all subcontractors and shall further state within the description, the **PORTION** of the work which will be performed by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed

shall be stated for all subcontractors listed. Failure to comply with this requirement may result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions – Section 3-2, "Self-Performance", which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder shall provide the name, address, license number, DIR registration number of any Subcontractor – regardless of tier** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract.

12.2. LISTING OF SUPPLIERS. Any Bidder seeking the recognition of Suppliers of equipment, materials, or supplies obtained from third party Suppliers towards achieving any mandatory or voluntary (or both) subcontracting participation goals shall provide, at a minimum, the **NAME, LOCATION (CITY), DIR REGISTRATION NUMBER** and the **DOLLAR VALUE** of each supplier. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for materials and supplies unless vendor manufactures or substantially alters materials and supplies, in which case, 100% will be credited. The Bidder is to indicate within the description whether the listed firm is a supplier or manufacturer. If no indication is provided, the listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage.

12.3. LISTING OF SUBCONTRACTORS OR SUPPLIERS FOR ALTERNATES. For subcontractors or suppliers to be used on alternate items, bidder shall use the provided **"Subcontractors For Alternates"** form and shall indicate for each alternate subcontract whether it is an additive or deductive alternate; the subcontractor's name, location, phone number, email address, CA license number, and DIR registration number; whether the subcontractor is a designer, constructor or supplier; the type of work the subcontractor will be performing; and the dollar value of the subcontract for that alternate item. Failure to comply with this requirement may result in the bid being rejected as nonresponsive and ineligible for award.

13. SUBMITTAL OF "OR EQUAL" ITEMS: See Section 4-6, "Trade Names" in The WHITEBOOK and as amended in the SSP.

14. AWARD:

14.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.

- 14.2.** Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.
- 14.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
- 15. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 3-2, "SELF-PERFORMANCE" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.
- 16. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Purchasing & Contracting Department, Public Works Division.
- 17. ONLY ONE BID PER CONTRACTOR SHALL BE ACCEPTED:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
- 18. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, First floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms within these documents.
- 19. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY) FOR DESIGN-BID-BUILD CONTRACTS:**
- 19.1.** For bids \$250,000 and above, bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% of the total bid amount.
- 19.2.** This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.
- 19.3.** The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.

- 19.4. At the time of bid submission, bidders must upload and submit an electronic PDF copy of the aforementioned bid security. Whether in the form of a cashier's check, a properly certified check or an approved corporate surety bond payable to the City of San Diego, the bid security must be uploaded to the City's eBidding system. By 5PM, 1 working day after the bid opening date, all bidders must provide the City with the original bid security.
- 19.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original by 5PM, 1 working day after the bid opening date shall cause the bid to be rejected and deemed **non-responsive**.

Original Bid Bond shall be submitted to:
Purchasing & Contracting Department, Public Works Division
1200 3rd Ave., Suite 200, MS 56P
San Diego, California, 92101
To the Attention of the Contract Specialist on the Front Page of this solicitation.

20. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 20.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 20.2. Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 20.3. The City reserves the right to reject any or all Bids, to waive any informality or technicality in Bids received, and to waive any requirements of these specifications as to bidding procedure.
- 20.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City within 3 Working Days of the bid opening, written notice from the Bidder which shows proof of honest, credible, clerical error of a material nature, free from fraud or fraudulent intent; and of evidence that reasonable care was observed in the preparation of the Bid.
- 20.5. A bidder who is not selected for contract award may protest the award of a contract to another bidder by submitting a written protest in accordance with the San Diego Municipal Code.
- 20.6. The City of San Diego will not discriminate in the award of contracts with regard to race, religion creed, color, national origin, ancestry, physical handicap, marital status, sex or age.
- 20.7. Each Bid package properly signed as required by these specifications shall constitute a firm offer which may be accepted by the City within the time specified herein.
- 20.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of the base bid and any proposed alternates or options as detailed herein.

21. BID RESULTS:

- 21.1. The availability of the bids on the City's eBidding system shall constitute the public announcement of the apparent low bidder. In the event that the apparent low bidder is subsequently deemed non-responsive or non-responsible, a notation of such will be

made on the eBidding system. The new ranking and apparent low bidder will be adjusted accordingly.

- 21.2.** To obtain the bid results, view the results on the City's web site, or request the results by U.S. mail and provide a self-addressed, stamped envelope. If requesting by mail, be sure to reference the bid name and number. The bid tabulations will be mailed to you upon their completion. The results will not be given over the telephone.

22. THE CONTRACT:

- 22.1.** The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.

- 22.2.** If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.

- 22.3.** If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.

- 22.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14 Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.

- 22.5.** The award of the Contract is contingent upon the satisfactory completion of the above-mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee and approval as to form by the City Attorney's Office. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.

- 23. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 3-9, "TECHNICAL STUDIES AND SUBSURFACE DATA", and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive

evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.

24. CITY STANDARD PROVISIONS: This contract is subject to the following standard provisions. See The WHITEBOOK for details.

- 24.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 24.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 24.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 24.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 24.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 24.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 24.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

25. PRE-AWARD ACTIVITIES:

- 25.1.** The contractor selected by the City to execute a contract for this Work shall submit the required documentation as specified herein and in the Notice of Intent to Award. Failure to provide the information as specified may result in the Bid being rejected as **non-responsive**.
- 25.2.** The decision that bid is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

Executed in Duplicate

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

TC CONSTRUCTION COMPANY, INC., a corporation, as principal, and
Liberty Mutual Insurance Company, a corporation authorized to do
business in the State of California, as Surety, hereby obligate themselves, their successors and assigns,
jointly and severally, to The City of San Diego a municipal corporation in the sum of
Fourteen Million Fifty-Six Thousand One Hundred Fifty-Two Dollars and _____ for the faithful performance of the
Zero Cents (\$14,056,152.00)
annexed contract, and in the sum of Fourteen Million Fifty-Six Thousand One Hundred
Fifty-Two Dollars and Zero Cents(\$14,056,152.00) for the benefit
of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract with the City of San Diego, California, then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

If the Principal shall promptly pay all persons, firms and corporations furnishing materials for or performing labor in the execution of this contract, and shall pay all amounts due under the California Unemployment Insurance Act then the obligation herein with respect to laborers and materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all persons, firms and corporations entitled to file claims under the provisions of Article 2. Claimants, (iii) public works of improvement commencing with Civil Code Section 9100 of the Civil Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby waives notice of same.

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

The Surety expressly agrees that the City of San Diego may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal.

The Surety shall not utilize the Principal in completing the improvements and work specified in the Agreement in the event the City terminates the Principal for default.

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND (continued)

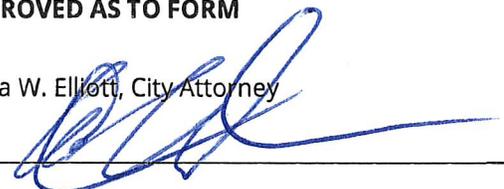
THE CITY OF SAN DIEGO

By: 

Print Name: Claudia C. Abarca
Director
Purchasing and Contracting Department

Date: May 30, 2024

APPROVED AS TO FORM

Mara W. Elliott, City Attorney
By: 

Print Name: ADAM WARDON
Deputy City Attorney

Date: 6/4/24

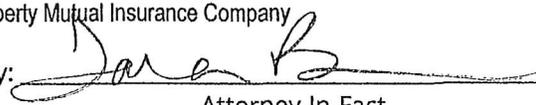
CONTRACTOR

TC CONSTRUCTION COMPANY, INC.
By: 

Print Name: Austin Cameron
president

Date: 4/22/24

SURETY

Liberty Mutual Insurance Company
By: 
Attorney-In-Fact

Print Name: Tara Bacon

Date: April 19, 2024

790 The City Drive South, Suite 200, Orange, CA 92868

Local Address of Surety

(800) 763-9268

Local Phone Number of Surety

Premium subject to adjustment
based on final contract price

Premium

024276080

Bond Number

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

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

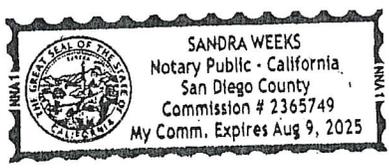
State of California

County of San Diego }

On April 22, 2024 before me, Sandra Weeks, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Austin Cameron
Name(s) of Signer(s)

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



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

WITNESS my hand and official seal.

Signature Sandra Weeks
Signature of Notary Public

Place Notary Seal and/or Stamp Above

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Performance bond, Labor and Material men's bond

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Corporate Officer – Title(s): _____
- Partner – Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other: _____

Signer is Representing: _____

Signer's Name: _____

- Corporate Officer – Title(s): _____
- Partner – Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other: _____

Signer is Representing: _____

ACKNOWLEDGMENT

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

State of California
County of San Diego)

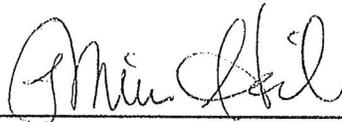
On April 19, 2024 before me, Minna Huovila, Notary Public
(insert name and title of the officer)

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

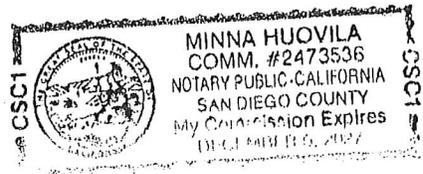
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)





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

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

Certificate No: 8206895-024019

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Christopher Conte; Dale G. Harshaw; Geoffrey Shelton; Janice Martin; John R. Qualin; Lawrence F. McMahon; Lilia De Loera; Minna Huovila; Natassia Kirk-Smith; Ryan Warnock; Sarah Myers; Tara Bacon

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

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 8th day of December, 2021.



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

By: [Signature of David M. Carey]

David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

State of PENNSYLVANIA ss
County of MONTGOMERY

On this 8th day of December, 2021 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



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

By: [Signature of Teresa Pastella]
Teresa Pastella, Notary Public

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

ARTICLE IV - OFFICERS: Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 19th day of April, 2024.



By: [Signature of Renee C. Llewellyn]
Renee C. Llewellyn, Assistant Secretary

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. SCOPE OF WORK:

Redwood Village Rolando Park Improv 2: Construction of approximately 20,580.65 linear feet (LF) (3.90 miles) of 8-inch polyvinyl chloride (PVC) water mains to replace existing 6-inch and 8-inch asbestos cement (AC) water mains and construction of approximately 40 feet of new 8-inch PVC water main via open trench. Abandon 2,231.64 LF (0.42 miles) of existing AC water main. The project also includes transferring existing water services from the to-be-abandoned 8-inch water main on rock street to the 16-inch water main on the same street.

Redwood Village Standpipe: Abandonment of 863 linear feet (0.16 mi) of 16" cast-iron pipe, installation of 350 linear feet (0.07 mi) of new 12" PVC water main, and replacement of 176 linear feet (0.03 mi) of 8" asbestos cement water main with 12" pipeline.

1.1. The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Bids and Plans numbered **39049-01-D** through **39049-07-D**, and **42340-01-D** through **42340-60-D**, inclusive.

2. **LOCATION OF WORK:** The location of the Work is as follows:

See **Appendix E – Location Map**

3. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **389 Working Days**.

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PRE-AWARD

1.1. Within 10 Working Days of the Notice of Intent to Award, the Contractor must contact the Project Manager to discuss fund availability for each phase and shall also submit the following:

1.1.1. Construction Cost Loaded Schedule in accordance with 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK" and 7-3, "PAYMENT."

1.2. Contractor's failure to perform any of the following may result cancelling the award of the Contract:

1.2.1. Meeting with the City's Project Manager to discuss the Phased Funding Schedule.

1.2.2. Agreeing to a Phased Funding Schedule within **thirty** days of meeting with the City's Project Manager.

2. POST-AWARD

2.1. Do not start any construction activities for the next phase until the Notice to Proceed (NTP) has been issued by the City. The City will issue a separate NTP for each phase.

2.2. The City may issue the NTP for a subsequent phase before the completion of the preceding phase.

PHASED FUNDING SCHEDULE AGREEMENT

The particulars left blank below, such as the total number of phases and the amounts assigned to each phase, will be completed with funding specific information from the Pre-Award Schedule and Construction Cost Loaded Schedule submitted to and approved by the City.

BID NUMBER: K-24-2267-DBB-3

CONTRACT OR TASK TITLE: Redwood Village Rolando Improv 2 & Redwood Village Standpipe

CONTRACTOR: TC Construction Company Inc.

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1	Bonds, WPCP preparation and implementation, mobilization, material procurement, potholing and installation and/or abandonment of Water Mains, including water services, curb ramps, traffic control, trench restoration, and all other work and appurtenances on the following sheets: (Sheet 39049-02-D) (Sheet 42340-03-D to 10-D)	NTP	09/30/2024	\$2,000,000.00 (Water – B-19194) \$400,000.00 (Water – B-15030) Phase 1 Total: \$2,400,000.00
2	WPCP implementation, potholing and construction and/or abandonment of Water Mains, including water services, curb ramps, traffic control, trench restoration, and all other work and appurtenances on the following sheets: (Sheet 39049-03-D to 07-D) (Sheet 42340-11-D to 21-D, 27-D, 28-D, 32-D to 34-D, 45-D, 51-D, 53-D to 60-D) Street resurfacing, accessibility improvements and surface striping, and abandonments..	10/1/2024	6/30/2025	\$5,500,000.00 (Water – B-19194) \$576,534.00 (Water – B-15030) \$1,545,930.00 (Paving – Bid Alt C) \$171,535.00 (Paving – Bid Alt E) Phase 2 Total: \$7,793,999.00

3	<p>WPCP implementation, potholing and construction and/or abandonment of Water Mains, including water services, curb ramps, traffic control, trench restoration, and all other work and appurtenances on the following sheets:</p> <p>(Sheet 42340-22-D to 26-D, 29-D to 31-D, 35-D to 44-D, 46 - D)</p> <p>Street resurfacing, accessibility improvements and surface striping, abandonments, and submittal of final construction redlines for as-builts.</p>	7/1/2025	NOC	\$3,862,153.00 (Water - B-19194)
Contract Total				\$14,056,152.00

Notes:

- 1) WHITEBOOK section 7-3.10, "Phased Funding Compensation" applies.
- 2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- 3) This PHASED FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by written modifications to the CONTRACT.

CITY OF SAN DIEGO

PRINT NAME: Nabil Batta
Construction Senior Engineer

Signature: Nabil Batta

Date: 4/25/2024

PRINT NAME: Rex Narvaez
Design Senior Engineer

Signature: Rex Narvaez

Date: 4/25/2024

CONTRACTOR

PRINT NAME: Austin Cameron

Title: President

Signature: Austin Cameron

Date: 4/25/24

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION A - GENERAL REQUIREMENTS

A. INTRODUCTION.

1. This document sets forth the following specifications:
 - a) The City's general EOCP requirements for all Construction Contracts.
 - b) Special Provisions for Contracts subject to SLBE and ELBE requirements only.
2. Additional requirements may apply for state or federally funded projects.
3. These requirements shall be included as Contract provisions for all Subcontracts.
4. The City specified forms, instructions, and guides are available for download from the EOCP's web site at: <http://www.sandiego.gov/eoc/forms>

B. GENERAL.

1. The City of San Diego promotes equal employment and subcontracting opportunities.
2. The City is committed to ensuring that taxpayer dollars spent on public Contracts are not paid to businesses that practice discrimination in employment or subcontracting.
3. The City encourages all companies seeking to do business with the City to share this commitment.

C. DEFINITIONS.

1. For the purpose of these requirements: Terms "Bid" and "Proposal", "Bidder" and "Proposer", "Subcontractor" and "Subconsultant", "Contractor" and "Consultant", "Contractor" and "Prime Contractor", "Consultant" and "Professional Service Provider", "Suppliers" and "Vendors", "Suppliers" and "Dealers", and "Suppliers" and "Manufacturers" may have been used interchangeably.
2. The following definitions apply:
 - a) **Emerging Business Enterprise (EBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for EBEs on an annual basis and adjust as necessary to reflect changes in the marketplace.
 - b) **Emerging Local Business Enterprise (ELBE)** - A Local Business Enterprise that is also an Emerging Business Enterprise.

- c) **Minority Business Enterprise (MBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more minority individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more minorities owners. Minorities include the groups with the following ethnic origins: African, Asian Pacific, Asian Subcontinent, Hispanic, Native Alaskan, Native American, and Native Hawaiian.
- d) **Women Business Enterprise (WBE)** - A certified business that is at least fifty-one percent (51%) owned by a woman or women, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more women; and (2) whose daily business operations are managed and directed by one or more women owners.
- e) **Disadvantaged Business Enterprise (DBE)** - a certified business that is at least fifty-one percent (51%) owned by socially and economically disadvantaged individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more socially and economically disadvantaged individuals; and (2) whose daily business operations are managed and directed by one or more socially and economically disadvantaged owners.
- f) **Disabled Veteran Business Enterprise (DVBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more disabled veterans; and (2) business operations must be managed and controlled by one or more disabled veterans. Disabled Veteran is a veteran of the U.S. military, naval, or air service; the veteran must have a service-connected disability of at least 10% or more; and the veteran must reside in California.
- g) **Other Business Enterprise (OBE)** - Any business which does not otherwise qualify as a Minority, Woman, Disadvantaged, or Disabled Veteran Business Enterprise.
- h) **Small Business Enterprise (SBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for SBEs on an annual basis and adjust as necessary to reflect changes in the marketplace. A business certified as a Micro Business (MB) or a Disabled Veteran Business Enterprise (DVBE) by the State of California and that has provided proof of such certification to the City Manager shall be deemed to be an SBE.

- i) **Small Local Business Enterprise (SLBE)** - A Local Business Enterprise that is also a Small Business Enterprise.

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

- a) You, your Subcontractors, and Suppliers shall comply with the requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

You shall not discriminate on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring, or treatment of subcontractors, vendors, or suppliers. You shall provide equal opportunity for Subcontractors to participate in subcontracting opportunities. You understand and agree that the violation of this clause shall be considered a material breach of the Contract and may result in Contract termination, debarment, or other sanctions.

You shall include the foregoing clause in all Contracts between you and your Subcontractors and Suppliers.

- b) **Disclosure of Discrimination Complaints.** As part of its Bid or Proposal, you shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against you in a legal or administrative proceeding alleging that you discriminated against your employees, Subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.
- c) Upon the City's request, You agree to provide to the City, within 60 Calendar Days, a truthful and complete list of the names of all Subcontractors and Suppliers that you have used in the past 5 years on any of your Contracts that were undertaken within the San Diego County, including the total dollar amount paid by you for each Subcontract or supply Contract.
- d) You further agree to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance, Municipal Code §§22.3501 through 22.3517. You understand and agree that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against you up to and including contract termination, debarment, and other sanctions for the violation of the provisions of the Nondiscrimination in Contracting Ordinance. You further understand and agree that the procedures, remedies, and sanctions provided for in the Nondiscrimination in Contracting Ordinance apply only to violations of the Ordinance.

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

1. You, your Subcontractors, and Suppliers shall comply with the City's Equal Employment Opportunity Outreach Program, San Diego Municipal Code §§22.2701 through 22.2707.

You shall not discriminate against any employee or applicant for employment on any basis prohibited by law. You shall provide equal opportunity in all employment practices. You shall ensure that your Subcontractors comply with this program. Nothing in this section shall be interpreted to hold you liable for any discriminatory practices of your Subcontractors.

You shall include the foregoing clause in all Contracts between you and your Subcontractors and Suppliers.

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05) within 10 Working Days after receipt by the Bidder to the City for approval as specified in the Notice of Intent to Award letter.
3. The selected Bidder shall submit an Equal Employment Opportunity Plan if a Work Force Report is submitted and if the City determines that there are under-representations when compared to County Labor Force Availability data.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 - a) You shall maintain a working environment free of discrimination, harassment, intimidation, and coercion at all Sites and in all facilities at which your employees are assigned to Work.
 - b) You shall review your EEO Policy annually with all on-Site supervisors involved in employment decisions.
 - c) You shall disseminate and review your EEO Policy with all employees at least once a year, post the policy statement and EEO posters on all company bulletin boards and job sites, and document every dissemination, review, and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
 - d) You shall review, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintain written documentation of these reviews.
 - e) You shall discuss your EEO Policy Statement with Subcontractors with whom you anticipate doing business, including the EEO Policy Statement in your Subcontracts, and provide such documentation to the City upon request.

- f) You shall document and maintain a record of all Bid solicitations and outreach efforts to and from Subcontractors, contractor associations, and other business associations.
- g) You shall disseminate your EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit. Maintain files documenting these efforts and provide copies of these advertisements to the City upon request.
- h) You shall disseminate your EEO Policy to union and community organizations.
- i) You shall provide immediate written notification to the City when any union referral process has impeded your efforts to maintain your EEO Policy.
- j) You shall maintain a current list of recruitment sources, including those outreaching to people of color and women, and provide written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
- k) You shall maintain a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
- l) You shall encourage all present employees, including people of color and women employees, to recruit others.
- m) You shall maintain all employment selection process information with records of all tests and other selection criteria.
- n) You shall develop and maintain documentation for on-the-job training opportunities, participate in training programs, or both for all of your employees, including people of color and women, and establish apprenticeship, trainee, and upgrade programs relevant to your employment needs.
- o) You shall conduct, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourage all employees to seek and prepare appropriately for such opportunities.
- p) You shall ensure that the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.

F. SUBCONTRACTING.

1. The City encourages all eligible business enterprises to participate in City contracts as a Contractor, Subcontractor, and joint venture partner with you, your Subcontractors, or your Suppliers. You are encouraged to take positive steps to diversify and expand your Subcontractor solicitation base and to offer

subcontracting opportunities to all eligible business firms including SLBEs, ELBEs, MBEs, WBEs, DBEs, DVBES, and OBEs.

2. For Subcontractor participation level requirements, see the Contract Documents where applicable.
3. For the purposes of achieving the mandatory Subcontractor participation percentages, City percentage calculations will not account for the following:
 - a) "Field Orders" and "City Contingency" Bid items.
 - b) Alternate Bid items.
 - c) Allowance Bid items designated as "EOC Type II".
4. Allowance Bid items designated as "EOC Type I" will be considered as part of the Base Bid and will be included in the percentage calculation.
5. Each joint venture partner shall be responsible for a clearly defined Scope of Work. In addition, an agreement shall be submitted and signed by all parties identifying the extent to which each joint venture partner shares in ownership, control, management, risk, and profits of the joint venture.

G. LISTS OF SUBCONTRACTORS AND SUPPLIERS.

1. You shall comply with the Subletting and Subcontracting Fair Practices Act, Public Contract Code §§4100 through 4113, inclusive.
2. You shall list all Subcontractors who will receive more than 0.5% of the total Bid amount or \$10,000, whichever is greater on the form provided in the Contract Documents (Subcontractors list).
3. The Subcontractors list shall include the Subcontractor's name, telephone number including area code, physical address, Scope of Work, the dollar amount of the proposed Subcontract, the California contractor license number, the Public Works contractor registration number issued pursuant to Section 1725.5 of the Labor Code, and the Subcontractor's certification status with the name of the certifying agency.
4. The listed Subcontractor shall be appropriately licensed pursuant to Contractor License Laws.
5. For Design-Build Contracts, refer to the RFQ and RFP for each Project or Task Order.

H. SUBCONTRACTOR AND SUPPLIER SUBSTITUTIONS.

1. Listed Subcontractors and Suppliers shall not be substituted without the Express authorization of the City or its duly authorized agent.
2. Request for Subcontractor or Supplier substitution shall be made in writing to Purchasing & Contracting Department, Public Works Division, Attention Contract Specialist, 1200 3rd Ave., Suite 200, MS 56P, San Diego, CA 92101 with a copy to the Engineer.

3. The request shall include a thorough explanation of the reason(s) for the substitution, including dollar amounts and a letter from each substituted Subcontractor or Supplier stating that they (the Subcontractors or Suppliers) release all interest in working on the Project and written confirmation from the new Subcontractor or Supplier stating that they agree to work on the Project along with the dollar value of the Work to be performed.
4. Written approval of the substitution request shall be received by you or from the City or its authorized officer prior to any unlisted Subcontractor or Supplier performing Work on the Project.
5. Substitution of Subcontractors and Suppliers without authorization shall subject you to those penalties set forth in Public Contract Code §4110.
6. Requests for Supplier substitution shall be made in writing at least 10 Days prior to the provision of materials, supplies, or services by the proposed Supplier and shall include proof of written notice to the originally listed Supplier of the proposed substitution.
7. A Contractor whose Bid is accepted shall not:
 - a) Substitute a person as Subcontractor or Supplier in place of the Subcontractor or Supplier listed in the original bid, except that the City, or its duly authorized officer, may consent to the substitution of another person as a Subcontractor or Supplier in any of the following situations:
 - i. When the Subcontractor or Supplier listed in the Bid, after having a reasonable opportunity to do so, fails or refuses to execute a written Contract for the scope of work specified in the subcontractor's bid and at the price specified in the subcontractor's bid, when that written contract, based upon the general terms, conditions, plans, and specifications for the project involved or the terms of the subcontractor's written bid, is presented to the subcontractor by the prime contractor.
 - ii. When the listed Subcontractor or Supplier becomes insolvent or the subject of an order for relief in bankruptcy.
 - iii. When the listed Subcontractor or Supplier fails or refuses to perform his or her subcontract.
 - iv. When the listed Subcontractor fails or refuses to meet bond requirements as set forth in Public Contract Code §4108.
 - v. When you demonstrate to the City or its duly authorized officer, subject to the provisions set forth in Public Contract Code §4107.5, that the name of the Subcontractor was listed as the result of an inadvertent clerical error.
 - vi. When the listed Subcontractor is not licensed pursuant to Contractor License Law.

- vii. When the City, or its duly authorized officer, determines that the Work performed by the listed Subcontractor or that the materials or supplies provided by the listed Supplier are substantially unsatisfactory and not in substantial accordance with the Plans and specifications or that the Subcontractor or Supplier is substantially delaying or disrupting the progress of the Work.
 - viii. When the listed Subcontractor is ineligible to work on a public works project pursuant to §§1777.1 or 1777.7 of the Labor Code.
 - ix. When the City or its duly authorized agent determines that the listed Subcontractor is not a responsible contractor.
- b) Permit a Contract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original Subcontractor, Supplier listed in the original Bid without the consent of the City, or its duly authorized officer.
 - c) Other than in the performance of "Change Orders" causing changes or deviations from the Contract, sublet or subcontract any portion of the Work, or contract for materials or supplies in excess of 0.5% of your total bid or \$10,000, whichever is greater, as to which his or her original Bid did not designate a Subcontractor or Supplier.
8. Following receipt of notice from you of the proposed substitution of a Subcontractor or Supplier, the listed Subcontractor or Supplier who has been so notified shall have 5 Working Days within which to submit written objections to the substitution to the Contract Specialist with a copy to the Engineer. Failure to file these written objections shall constitute the listed Subcontractor or Supplier's consent to the substitution. If written objections are filed, the City shall give notice in writing of at least 5 Working Days to the listed Subcontractor or Supplier of a hearing by the City on your request for substitution.

I. PROMPT PAYMENT.

- 1. You or your Subcontractors shall pay to any subcontractor, not later than 7 Calendar Days of receipt of each progress payment, unless otherwise agreed to in writing, the respective amounts allowed you on account of the Work performed by the Subcontractors, to the extent of each Subcontractor's interest therein. In cases of Subcontractor performance deficiencies, you shall make written notice of any withholding to the Subcontractor with a copy to the Contracts Specialist. Upon correction of the deficiency, you shall pay the Subcontractor the amount previously withheld within 14 Calendar Days after payment by the City.
- 2. Any violation of California Business and Professions Code, §7108.5 concerning prompt payment to Subcontractors shall subject the violating Contractor or

Subcontractor to the penalties, sanctions, and other remedies of that section. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by the Prime Contractor, deficient subcontract performance, or noncompliance by a Subcontractor.

J. PROMPT PAYMENT OF FUNDS WITHHELD TO SUBCONTRACTORS.

1. The City will hold retention from you and will make prompt and regular incremental acceptances of portions, as determined by the Engineer, of the Work and pay retention to you based on these acceptances.
2. You or your Subcontractors shall return all monies withheld in retention from a Subcontractor within 30 Calendar Days after receiving payment for Work satisfactorily completed and accepted including incremental acceptances of portions of the Work by the City.
3. Federal law (49CFR26.29) requires that any delay or postponement of payment over 30 Calendar Days may take place only for good cause and with the City's prior written approval. Any violation of this provision by you or your Subcontractor shall subject you or your Subcontractor to the penalties, sanctions, and other remedies specified in §7108.5 of the Business and Professions Code.
4. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by you, deficient subcontract performance, or noncompliance by a Subcontractor.

K. CERTIFICATION.

1. The City accepts certifications of DBE, DVBE, MBE, SMBE, SWBE, or WBE by any of the following certifying agencies:
 - a) Current certification by the State of California Department of Transportation (CALTRANS) as DBE, SMBE, or SWBE.
 - b) Current MBE, WBE, or DVBE certification from the California Public Utilities Commission.
 - c) DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
 - d) Current certification by the City of Los Angeles as DBE, WBE, or MBE.
 - e) Subcontractors' valid proof of certification status (copies of MBE, WBE, DBE, or DVBE certifications) shall be submitted as required.

L. CONTRACT RECORDS AND REPORTS.

1. You shall maintain records of all subcontracts and invoices from your Subcontractors and Suppliers for work on this project. Records shall show

name, telephone number including area code, and business address of each Subcontractor, Supplier, and joint venture partner, and the total amount actually paid to each firm. Project relevant records, regardless of tier, may be periodically reviewed by the City.

2. You shall retain all records, books, papers, and documents pertinent to the Contract for a period of not less than 5 years after Notice of Completion and allow access to said records by the City's authorized representatives.
3. You shall submit the following reports using the City's web-based contract compliance (Prism® portal):
 - a. **Monthly Payment.** You shall submit Monthly Payment Reporting by the 10th day of the subsequent month. Incomplete and/or delinquent reporting may cause payment delays, non-payment of invoices, or both.
4. The records maintained under item 1, described above, shall be consolidated into a Final Summary Report, certified as correct by an authorized representative of the Contractor. The Final Summary Report shall include all subcontracting activities and be sent to the EOCP Program Manager prior to Acceptance. Failure to comply may result in assessment of liquidated damages or withholding of retention. The City will review and verify 100% of subcontract participation reported in the Final Summary Report prior to approval and release of final retention to you. In the event your Subcontractors are owed money for completed Work, the City may authorize payment to subcontractor via a joint check from the withheld retention.

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION B - SLBE-ELBE SUBCONTRACTING REQUIREMENTS

THESE SPECIAL PROVISIONS SUPPLEMENT THE POLICIES AND REQUIREMENTS ESTABLISHED BY THE CITY OF SAN DIEGO EQUAL OPPORTUNITY CONTRACTING PROGRAM SPECIFIED IN THE CITY'S GENERAL EOCP REQUIREMENTS.

A. GENERAL.

1. It is the City's policy to encourage greater availability, capacity development, and contract participation by SLBE and ELBE firms in City contracts. This policy is, in part, intended to further the City's compelling interest to stimulate economic development through the support and empowerment of the local community, ensure that it is neither an active nor passive participant in marketplace discrimination, and promote equal opportunity for all segments of the contracting community.
2. The City is committed to maximizing subcontracting opportunities for all qualified and available firms.
3. This policy applies to City-funded construction contracts. Bidders shall be fully informed of this policy as set forth in these specifications. Mandatory or voluntary subcontracting percentages, Bid Discounts, and restricted competitions are specified in the Contract Documents.
4. You shall make subcontracting opportunities available to a broad base of qualified Subcontractors and shall achieve the minimum SLBE-ELBE Subcontractor participation identified for your project.
5. Failure to subcontract the specified minimum (mandatory) percentages of the Bid to qualified available SLBE-ELBE Subcontractors will cause a Bid to be rejected as non-responsive unless the Bidder has demonstrated compliance with the affirmative steps as specified in the City's document titled "Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL" and has submitted documentation showing that all required positive efforts were made prior to the Bid submittal due date. The required Good Faith Effort (GFE) documentation shall be submitted to the Contract Specialist. The instructions for completing the good faith effort submittal can be found on the City's website:
<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbeinst.pdf>
6. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe.shtml>
7. These requirements may be waived, at the City's sole discretion, on projects deemed inappropriate for subcontracting participation.

B.

DEFINITIONS.

1. The following definitions shall be used in conjunction with these specifications:

- a) **Bid Discount** – Additional inducements or enhancements in the bidding process that are designed to increase the chances for the selection of SLBE firms in competition with other firms.
- b) **Commercially Useful Function** – An SLBE-ELBE performs a commercially useful function when it is responsible for the execution of the Work and is carrying out its responsibilities by actually performing, managing, and supervising the Work involved. To perform a commercially useful function, the SLBE-ELBE shall also be responsible, with respect to materials and supplies used on the Contract, for negotiating price, determining quantity and quality, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether an SLBE-ELBE is performing a commercially useful function, an evaluation will be performed of the amount of Work subcontracted, normal industry practices, whether the amount the SLBE-ELBE firm is to be paid under the contract is commensurate with the Work it is actually performing and the SLBE-ELBE credit claimed for its performance of the Work, and other relevant factors. Specifically, an SLBE-ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE-ELBE participation, when in similar transactions in which SLBE-ELBE firms do not participate, there is no such role performed.

- c) **Good Faith Efforts (GFE)** – Documentation of the Bidder's intent to comply with SLBE Program goals and procedures included in the City's SLBE Program, Instructions for Completing Good Faith Effort Submittal available from the City's EOCP website or the Contract Specialist.
- d) **Independently Owned, Managed, and Operated** – Ownership of a SLBE-ELBE firm shall be direct, independent, and by individuals only. Business firms that are owned by other businesses or by the principals or owners of other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements shall not be eligible to participate in the Program. Moreover, the day-to-day management of the SLBE-ELBE firm shall be direct and independent of the influence of any other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements.
- e) **Joint Venture** – An association of two or more persons or business entities that is formed for the single purpose of carrying out a single defined business enterprise for which purpose they combine their

capital, efforts, skills, knowledge, or property. Joint ventures shall be established by written agreement to qualify for this program.

- f) **Local Business Enterprise (“LBE”)** – A firm having a Principal Place of Business and a Significant Employment Presence in San Diego County, California that has been in operation for 12 consecutive months and a valid business tax certificate. This definition is subsumed within the definition of Small Local Business Enterprise.
- g) **Minor Construction Program** – A program developed for bidding exclusively among SLBE-ELBE Construction firms.
- h) **Principal Place of Business** – A location wherein a firm maintains a physical office and through which it obtains no less than 50% of its overall customers or sales dollars.
- i) **Protégé** – A firm that has been approved and is an active participant in the City’s Mentor-Protégé Program and that has signed the required program participation agreement and has been assigned a mentor.
- j) **Significant Employee Presence** – No less than 25% of a firm’s total number of employees are domiciled in San Diego County.

C. SUBCONTRACTOR PARTICIPATION.

- 1. For the purpose of satisfying subcontracting participation requirements, only 1st tier SLBE–ELBE Subcontractors will be recognized as participants in the Contract according to the following criteria:
 - a) For credit to be allowed toward a respective participation level, all listed SLBE-ELBE firms shall have been certified by the Bid due date.
 - b) The Subcontractor shall perform a commercially useful function for credit to be allowed toward subcontractor participation levels. The Subcontractor shall be required by you to be responsible for the execution of a distinct element of the Work and shall carry out its responsibility by actually performing and supervising its own workforce.
 - c) If the Bidder is seeking the recognition of materials, supplies, or both towards achieving any mandatory subcontracting participation level, the Bidder shall indicate on Form AA40 – Named Equipment/Material Supplier List with the Bid the following:
 - i. If the materials or supplies are obtained from a SLBE-ELBE manufacturer, the Bidder will receive 100% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation, a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the Contract and of the general character described by the specifications.

- ii. If the materials or supplies are obtained from a SLBE-ELBE supplier, the Bidder will receive 60% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation a Supplier is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a supplier, the firm shall be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a supplier in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the person both owns and operates distribution equipment for the products. Any supplementing of the suppliers' own distribution equipment shall be by a long-term lease agreement and shall not be on an ad hoc or contract-by-contract basis.
 - iii. If the materials or supplies are obtained from a SLBE-ELBE, which is neither a manufacturer nor a supplier, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, fees or transportation charges for the delivery of materials or supplies required on a job site will be counted toward SLBE-ELBE participation, provided the fees are reasonable and not excessive as compared with fees customarily allowed for similar services. No portion of the cost of the materials and supplies themselves will be counted toward SLBE-ELBE participation.
- d) If the Bidder is seeking the recognition of SLBE-ELBE Trucking towards achieving any mandatory subcontracting participation level, the Bidder shall indicate it on Form AA35 - List of Subcontractors with the Bid. The following factors will be evaluated in determining the credit to be allowed toward the respective participation level:
- i. The SLBE-ELBE shall be responsible for the management and supervision of the entire trucking operation for which it is getting credit on a particular Contract and there shall not be a contrived arrangement for the purpose of counting SLBE-ELBE participation.
 - ii. The SLBE-ELBE shall itself own and operate at least 1 fully licensed, insured, and operational truck used on the Contract.

- iii. The SLBE-ELBE receives credit for the total value of the transportation services it provides on the Contract using trucks it owns, insures, and operates using drivers it employs.
- iv. The SLBE-ELBE may lease trucks from another SLBE-ELBE firm including an owner-operator who is certified as a SLBE-ELBE. The SLBE-ELBE who leases trucks from another SLBE-ELBE receives credit for the total value of the transportation services the lessee SLBE-ELBE provides on the contract.
- v. The SLBE-ELBE may also lease trucks from a non-SLBE-ELBE firm, including an owner-operator. The SLBE-ELBE who leases trucks from a non-SLBE-ELBE is entitled to credit for the total value of transportation services provided by non-SLBE-ELBE lessees not to exceed the value of transportation services provided by SLBE-ELBE owned trucks on the contract. Additional participation by non-SLBE-ELBE lessees receive credit only for the fee or commission it receives as a result of the lease arrangement.
- vi. A lease shall indicate that the SLBE-ELBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the SLBE-ELBE so long as the lease gives the SLBE-ELBE absolute priority for use of the leased truck.

D. SLBE-ELBE SUBCONTRACTOR PARTICIPATION PERCENTAGES.

1. Contracts valued at \$1,500,000 and above will be considered Major Public Works Contracts and will include a mandatory Subcontractor participation requirement for SLBE-ELBE firms.
 - a) The Bidder shall achieve the mandatory Subcontractor participation requirement or demonstrate GFE.
 - b) The Bidders shall indicate the participation on Forms AA35 - List of Subcontractors and AA40 - Named Equipment/Material Supplier List as applicable regardless of the dollar value.
 - c) An SLBE-ELBE Bidder may count its own participation toward achieving the mandatory goal as long as the SLBE-ELBE Bidder performs 51% of the Contract Price.
2. Contracts Valued over \$1,000,000 and under \$1,500,000 will also be considered Major Public Works Contracts and will include the mandatory subcontractor participation requirements described above and the following:
 - a) 5% bid discount for SLBE-ELBE firms.
 - b) Non-certified Contractor will receive 5% bid discount if they achieve the specified mandatory Subcontracting participations.
 - c) Bid discounts shall not apply if the award will result in a total contract cost of \$50,000 in excess of the apparent lowest Bid.

- d) In the event of a tie bid between a SLBE-ELBE Bidder and a non-SLBE-ELBE Bidder, the SLBE-ELBE Bidder will be awarded the Contract.
 - e) In the event of a tie bid between a discounted Bid and a non-discounted Bid, the discounted Bid will be awarded the Contract.
- 3. Contracts valued over \$500,000 up to \$1,000,000 will be considered Minor Public Works Contracts and will be awarded through a competitive Bid process open only to City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and will be subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.
 - 4. Contracts valued at \$500,000 and below will also be considered Minor Public Works Contracts and will be awarded through a competitive bid process open only to City certified ELBEs unless there are less than 2 firms available at which it will be awarded through a competitive process open only to the City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.

E. JOINT VENTURES.

- 1. The City may allow for Joint Venture bid discounts on some Contracts. Contracts that allow for Joint Venture bid discounts will be designated in Bid documents. A firm that is bidding or competing for City Contracts may partner with a certified SLBE or ELBE to compete for Contracts as a Joint Venture.
- 2. A Joint Venture shall be between two entities with the same discipline or license as required by the City. Joint ventures will receive bid discounts depending on the SLBE or ELBE percentage of participation. To be eligible for a discount, a Joint Venture Agreement shall be approved by the City at the time of Bid submittal. The maximum allowable discount shall be 5%. The parties shall agree to enter in the relationship for the life of the projects.
- 3. Joint Venture shall submit a Joint Venture Management Plan, a Joint Venture Agreement, or both at least 2 weeks prior to the Bid due date. Copies of the Joint Venture applications are available upon request to the Contract Specialist. Each agreement or management plan shall include the following:
 - a) Detailed explanation of the financial contribution for each partner.
 - b) List of personnel and equipment used by each partner.
 - c) Detailed breakdown of the responsibilities of each partner.
 - d) Explanation of how the profits and losses will be distributed.
 - e) Description of the bonding capacity of each partner.
 - f) Management or incentive fees available for any one of the partners (if any).

4. Each Joint Venture partner shall perform a Commercially Useful Function. An SLBE or ELBE that relies on the resources and personnel of a non-SLBE or ELBE firm will not be deemed to perform a Commercially Useful Function.
5. Each Joint Venture partner shall possess licenses appropriate for the discipline for which a proposal is being submitted. If a Joint Venture is bidding on a single trade project, at the time of bid submittal, each Joint Venture partner shall possess the requisite specialty license for that trade bid.
6. The SLBE or ELBE partner shall clearly define the portion of the Work to be performed. This Work shall be of the similar type of Work the SLBE or ELBE partner performs in the normal course of its business. The Joint Venture Participation Form shall specify the Bid items to be performed by each individual Joint Venture partner. Lump sum Joint Venture participation shall not be acceptable.
7. Responsibilities of the SLBE or ELBE Joint Venture Partner:
 - a) The SLBE or ELBE partner shall share in the control, management responsibilities, risks and profits of the Joint Venture in proportion with the level of participation in the project.
 - b) The SLBE or ELBE partner shall perform Work that is commensurate with its experience.
 - c) The SLBE or ELBE partner shall use its own employees and equipment to perform its portion of the Work.
 - d) The Joint Venture as a whole shall perform Bid items that equal or exceed 50% of the Contract Price, excluding the cost of manufactured items, in order to be eligible for a Joint Venture discount.

F. MAINTAINING PARTICIPATION LEVELS.

1. Credit and preference points are earned based on the level of participation proposed prior to the award of the Contract. Once the Project begins you shall achieve and maintain the SLBE-ELBE participation levels for which credit and preference points were earned. You shall maintain the SLBE-ELBE percentages indicated at the Award of Contract and throughout the Contract Time.
2. If the City modifies the original Scope of Work, you shall make reasonable efforts to maintain the SLBE-ELBE participation for which creditor preference points were earned. If participation levels will be reduced, approval shall be received from the City prior to making changes.
3. You shall notify and obtain written approval from the City in advance of any reduction in subcontract scope, termination, or substitution for a designated SLBE-ELBE Subcontractor. Failure to do so shall constitute a material breach of the Contract.
4. If you fail to maintain the SLBE-ELBE participation listed at the time the Contract is awarded and have not received prior approval from the City, the

City may declare you in default and will be considered grounds for debarment under Chapter 2, Article 2, Division 8, of the San Diego Municipal Code.

G. SUBCONTRACTING EFFORTS REVIEW AND EVALUATION.

1. Documentation of your subcontracting efforts will be reviewed by EOCP to verify that you made subcontracting opportunities available to a broad base of qualified Subcontractors, negotiated in good faith with interested Subcontractors, and did not reject any bid for unlawful discriminatory reasons. The EOCP review is based on the federal “Six Good Faith Efforts” model.
2. The GFEs are required methods to ensure that all ELBE and SLBE firms have had the opportunity to compete for the City’s Public Works procurements. The Six Good Faith Efforts, also known as affirmative steps, attract and utilize ELBE and SLBE firms:
 - a) Ensure ELBE firms are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities.
 - b) Make information of forthcoming opportunities available to SLBE-ELBE firms and arrange time for Contracts and establish delivery schedules, where requirements permit, in a way that encourages and facilitates participation by SLBE-ELBE firms in the competitive process. This includes posting solicitations for Bids or proposals to SLBE-ELBE firms for a minimum of 10 Working Days before the Bid or Proposal due date.
 - c) Consider in the contracting process whether firms competing for large Contracts could subcontract with SLBE-ELBE firms.
 - d) Encourage contracting with a consortium of ELBE-SLBE firms when a Contract is too large for one of these firms to handle individually.
 - e) Use the services and assistance of the City’s EOC Office and the SLBE-ELBE Directory.
 - f) If you award subcontracts, require your Subcontractors to take the steps listed above.

H. GOOD FAITH EFFORT DOCUMENTATION.

1. If the specified SLBE-ELBE Subcontractor participation percentages are not met, you shall submit information necessary to establish that adequate GFEs were taken to meet the Contract Subcontractor participation percentages. See the City’s document titled “Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL.” The instructions for completing the good faith effort submittal can be found on the City’s website:

<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbegfeinst.pdf>

I. SUBCONTRACTOR SUBSTITUTION.

1. Evidence of fraud or discrimination in the substitution of Subcontractors will result in sanctions including assessment of penalty fines, termination of Contract, or debarment. This section does not replace applicable California Public Contract Code.

J. FALSIFICATION OF SUB-AGREEMENT AND FRAUD.

1. Falsification or misrepresentation of a sub-agreement as to company name, Contract amount or actual Work performed by Subcontractors, or any falsification or fraud on the part your submission of documentation and forms pursuant to this program, will result in sanctions against you including assessment of penalty fines, termination of the Contract, or debarment. Instances of falsification or fraud which are indicative of an attempt by you to avoid subcontracting with certain categories of Subcontractors on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability shall be referred to the Equal Opportunity Contracting Program's Investigative Unit for possible violations of Article 2, Division 35 of the City Administrative Code, §§22.3501 et seq. (Nondiscrimination in Contracting).

K. RESOURCES.

1. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe>
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ATTACHMENT D
PREVAILING WAGE

PREVAILING WAGE

1. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.
 - 1.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
 - 1.1.1. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
 - 1.1.2. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.
 - 1.2. **Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.

- 1.3. Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 1.3.1.** Contractor and their subcontractors shall also furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 1.4. Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 1.5. Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on contractors and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 1.6. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 1.7. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 1.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Prevailing Wage Unit at 858-627-3200.

- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A contractor or subcontractor shall not be qualified to bid on, be listed in a bid or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.
- 1.9.1.** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
- 1.9.2.** By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.
- 1.10. Stop Order.** For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.
- 1.11. List of all Subcontractors.** The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.
- 1.12. Exemptions for Small Projects.** There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

- 1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1).
- 1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).
- 1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11. above. (Labor code section 1773.3).

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

The following Supplementary Special Provisions (SSP) modifies the following documents:

1. The **2021 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2021 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), including the following:
 - a) General Provisions (A) for all Construction Contracts.

SECTION 1 – GENERAL, TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS

1-2 TERMS AND DEFINITIONS. To the "WHITEBOOK":

To item 47, "Holiday", ADD the following:

Holiday	Observed On
Juneteenth	June 19

To item 55, "Normal Working Hours", DELETE in its entirety and SUBSTITUTE with the following:

Normal Working Hours: Normal Working Hours shall be **8:30 AM to 3:30 PM, Monday through Friday**, inclusive. Saturdays, Sundays, and City Holidays are excluded. Unless otherwise specified on the Traffic Control Permits.

SECTION 3 – CONTROL OF THE WORK

3-2 SELF-PERFORMANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall perform, with your own organization, Contract Work amounting to at least **50%** of the Base Bid.

3-8.7 Contractor's Quality Control Plan (QCP). To the "WHITEBOOK", ADD the following:

7. The establishment and implementation of a Quality Control Plan (QCP), as defined in the standard specifications, shall be required for this Contract. See example in **Appendix G - Contractor's Daily Quality Control Inspection Report**.

3-12.1

General. To the "WHITEBOOK", ADD the following:

3. You shall sweep all paved areas within the Work site and all paved haul routes as specified below:
 - a) Every Friday on a weekly basis.
 - b) 1 Working Day prior to each rain event.
 - c) As directed by the Engineer.

If these requirements would require you to sweep on a Holiday or Weekend, then you shall sweep the next available Working Day prior to that Holiday or Weekend.

3-12.8.3

Equipment. To the "WHITEBOOK", item 4, DELETE in its entirety and SUBSTITUTE with the following:

4. The approved dewatering system shall include a suitably sized pipeline to transport extracted groundwater from the Work Site to the indicated point of discharge as applicable under the dewatering permit in force during the dewatering operations. The alignment of this pipeline shall be subject to the approval by the Engineer. Where the pipeline is allowed to cross roadways or parking areas, you shall be required to install a conduit below the traveled surface. The installation shall provide protection for the temporary pipeline and a smooth transition across the in accordance with Standard Drawing SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation" or a concrete trench cap in accordance with Standard Drawing SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation".

3-15.3

Coordination. To the "WHITEBOOK", ADD the following:

2. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of Redwood Village and Rolando Park neighborhood: South of University Ave, north of Streamview Dr, east of 60th St, and west of Rolando Blvd. See **Appendix F - Adjacent Projects Map** for the approximate location. Coordinate the Work with the adjacent projects as listed below:
 - a) Asphalt Overlay Group 2111(SS), Project Manager Amy Mills (619) 533-5164
 - b) Redwood Village Standpipe Main, Project Manager Jody Cheung (858) 573-5071
 - c) Pipeline Rehab AV-1, Project Manager Sabeen Cochinwala (619) 533-4661
 - d) Hughes St. (58th St-Jodi St), Project Manager Farlito Valenzuela (619) 235-1947
 - e) AC Water and Sewer Group 1054, Project Manager Diluvan Piromari (619) 533-5479

- f) Streamview Drive Imp. Phase 2, Project Manager Diluvan Piromari (619) 533-5479
- g) AC Water & Sewer Group 1054A, Project Manager Sanoubar Aghdam (619) 533-4607
- h) AC Water & Sewer Group 1054 (W), Project Manager Diluvan Piromari (619) 533-5479
- i) College-Meridian to Judy McCarthy Sidwlc, Project Manager Hossai Sherzai (619) 533-3412
- j) El Cerrito & Rolando Park SD & GI (SD), Project Manager Matthew Marientes (619) 629-5482

SECTION 4 - CONTROL OF MATERIALS

4-6 TRADE NAMES. To the "WHITEBOOK", ADD the following:

11. You shall submit your list of proposed substitutions for an "equal" item no less than **15 Working Days** prior to Bid due date. and on the City's Product Submittal Form available at:

<https://www.sandiego.gov/ecp/edocref/>

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-4 INSURANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

5-4 INSURANCE.

1. The insurance provisions herein shall not be construed to limit your indemnity and defense duties set forth in the Contract.

5-4.1 Policies and Procedures.

1. You shall procure the insurance described below, at your sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You shall maintain this insurance as required by this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your duties under the Contract, including your indemnity obligations, are not limited to the insurance coverage required by this Contract.

4. If you maintain broader coverage or higher limits than the minimums shown below, City requires and shall be entitled to the broader coverage or the higher limits maintained by you. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.
5. Your payment for insurance shall be included in the Contract Price you bid. You are not entitled to any additional payment from the City to cover your insurance, unless the City specifically agrees to payment in writing. Do not begin any Work under this Contract or allow any Subcontractors to begin work, until you have provided, and the City has approved, all required insurance.
6. Policies of insurance shall provide that the City is entitled to 30 days advance written notice of cancellation or non-renewal of the policy or 10 days advance written notice for cancellation due to non-payment of premium. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage and to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

5-4.2 Types of Insurance.

5-4.2.1 General Liability Insurance.

1. Commercial General Liability Insurance shall be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy shall cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There shall be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You shall maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense shall be outside the policy limits. Policy coverage shall be in liability limits of not less than the following:

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$10,000,000
Products/Completed Operations Aggregate Limit	\$10,000,000
Personal Injury Limit	\$5,000,000
Each Occurrence	\$5,000,000

5-4.2.2 Commercial Automobile Liability Insurance.

1. You shall provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles ("Any Auto").
2. All costs of defense shall be outside the limits of the policy.

5-4.2.3 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of California Labor Code section 3700, you shall provide, at your expense, Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers' compensation laws. The City, its elected officials, and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with this requirement.
2. Statutory Limits shall be provided for Workers' Compensation Insurance as required by the state of California, and Employer's Liability Insurance with limits of no less than \$1,000,000 per accident for bodily injury or disease.
3. By signing and returning the Contract, you certify that you are aware of the provisions of California's Workers' Compensation laws, including Labor Code section 3700, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance, and that you will comply with these provisions before commencing the Work.

5-4.2.4 Contractors Pollution Liability Insurance.

1. You shall procure and maintain at your expense or require your Subcontractor, as described below, to procure and maintain Contractors Pollution Liability Insurance applicable to the Work being performed, with a limit no less than \$2,000,000 per claim or occurrence and \$4,000,000 aggregate per policy period of one year.
2. All costs of defense shall be outside the limits of the policy.
3. You shall obtain written approval from the City for any insurance provided by your Subcontractor instead of you.
4. For approval of a substitution of your Subcontractor's insurance, you shall certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible shall not exceed \$25,000 per claim unless the City has provided prior, written approval.
5. Occurrence based policies shall be procured before the Work commences. Claims Made policies shall be procured before the Work commences, shall be

maintained for the Contract Time, and shall include a 12-month extended Claims Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.

5-4.2.5 Contractors Hazardous Transporters Pollution Liability Insurance.

1. You shall procure and maintain at your expense or require your Subcontractor, as described below, to procure and maintain Contractors Hazardous Transporters Pollution Liability Insurance, including contractual liability coverage to cover liability arising out of transportation of hazardous or toxic, materials, substances, or any other pollutants by you or any Subcontractor in an amount no less than \$2,000,000 limit per occurrence and \$4,000,000 aggregate per policy period of one year.
2. All costs of defense shall be outside the limits of the policy.
3. You shall obtain written approval from the City from any insurance provided by a Subcontractor instead of you..
4. To obtain City approval of a Subcontractor's insurance coverage in lieu of the Contractor's insurance, the Contractor shall certify that all activities under the Contractor's Hazardous Transporters Pollution Liability Insurance will be performed exclusively by the Subcontractor providing the insurance. The deductible shall not exceed \$25,000 per claim without prior approval of the City
5. Occurrence based policies shall be procured before the Work commences. Claims Made policies shall be procured before the Work commences, shall be maintained for the duration of this contract, and shall include a 12-month extended Claims Discovery Period applicable to this Contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work under this Contract without advancing the retroactive date.

5-4.2.8 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).

1. For Contracts with required engineering services, including Design-Build and preparation of engineered Traffic Control Plans (TCP) by you, you shall keep or require all of your employees and Subcontractors, who provide professional engineering services under Contract, to provide to the City proof of Professional Liability coverage with a limit of no less than **\$1,000,000** per claim and **\$2,000,000** aggregate per policy period of one year.
2. You shall ensure the following:
 - a) The policy retroactive date is on or before the date of commencement of the Project.

- b) The policy will be maintained in force for a period of three years after completion of the Project or termination of the Contract, whichever occurs last. You agree that, for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
- 3. If professional engineering services are to be provided solely by the Subcontractor, you shall:
 - a) Certify this to the City in writing, and
 - b) Agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth here.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract shall be carried only by responsible insurance companies with a rating of, or equivalent to, at least "A-, VI" by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the state of California, and that have been approved by the City.

5-4.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, "surplus lines" carriers only if the carrier is authorized to do business in the state of California and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers shall be subject to all of the requirements for policies of insurance provided by admitted carriers described in this Contract.

5-4.4 Evidence of Insurance. You shall furnish the City with original Certificates of Insurance, including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause), prior to your commencement of Work under this Contract. In addition, The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements, required by these specifications, at any time.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- i. Ongoing operations performed by you or on your behalf,
- ii. your products,

- iii. your work, e.g., your completed operations performed by you or on your behalf, or
- iv. premises owned, leased, controlled, or used by you.

5-4.5.1.2 Primary and Non-Contributory Coverage. The policy shall be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it shall provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.1.3 Project General Aggregate Limit. The policy or policies shall be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work shall reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit shall be in addition to the aggregate limit provided for the products-completed operations hazard.

5-4.5.2 Workers' Compensation Insurance and Employers Liability Insurance.

5-4.5.2.1 Waiver of Subrogation. The policy or policies shall be endorsed to provide that the insurer will waive all rights of subrogation against the City and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from Work performed by the Named Insured for the City.

5-4.5.3 Contractors Pollution Liability Insurance Endorsements.

5-4.5.3.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- a. Ongoing operations performed by you or on your behalf,
- b. your products,
- c. your work, e.g., your completed operations performed by you or on your behalf, or
- d. premises owned, leased, controlled, or used by you.

5-4.5.3.2 Primary and Non-Contributory Coverage. The policy or policies shall be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies shall provide that your 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 and shall provide cross-liability coverage.

5-4.5.4 Contractors Hazardous Transporters Pollution Liability Insurance Endorsements.

5-4.5.4.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- a. Ongoing operations performed by you or on your behalf,
- b. your products,
- c. your work, e.g., your completed operations performed by you or on your behalf, or
- d. premises owned, leased, controlled, or used by you.

5-4.5.4.2 Primary and Non-Contributory Coverage. The policy or policies shall be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.4.3 Severability of Interest. For Contractors Hazardous Transporters Pollution Liability Insurance, the policy or policies shall provide that your 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, and shall provide cross-liability coverage.

5-4.6 Deductibles and Self-Insured Retentions. You shall disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided. The City may require you to purchase coverage with a lower retention or provide proof of

ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

5-4.7 Reservation of Rights. The City reserves the right, from time to time, to review your insurance coverage, limits, deductibles, and self-insured retentions to determine if they are acceptable to the City. The City will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer, but not required by this Contract.

5-4.8 Notice of Changes to Insurance. You shall notify the City, in writing, 30 days prior to any material change to the policies of insurance provided under this Contract. This written notice is in addition to the requirements of paragraph 6 of Section 5-4.1.

5-4.9 Excess Insurance. Policies providing excess coverage shall follow the form of the primary policy or policies, including, all endorsements.

5-10.3 Exclusive Community Liaison Services. To the "WHITEBOOK", ADD the following:

2. You shall retain an Exclusive Community Liaison for the Project that shall implement Work in accordance with the specifications described in 5-10.2 "Community Outreach Services" and 5-10.3 "Exclusive Community Liaison Services".

ADD:

5-10.3.2 Weekly Updates Recipients.

1. Submit a weekly correspondence with updates, traffic control issues and locations, lane closures, and any other pertinent information (with additional contact names given during award process) to the following recipients:

Jody Cheung, Project Manager, hcheung@sandiego.gov

Carlos Navarro II, Project Engineer, navarroc@sandiego.gov

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1.1 Construction Schedule. To the "WHITEBOOK", ADD the following:

3. Refer to the Sample City Invoice materials in **Appendix D – Sample City Invoice with Cash Flow Forecast** and use the format shown.

6-3.1 General. To the "WHITEBOOK", item 3, subitem d, DELETE in its entirety and SUBSTITUTE with the following:

- d) 30 Calendar Days for full depth asphalt final mill and resurfacing work required per SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation".

**ADD:
6-6.1.1**

Environmental Document.

1. The City of San Diego has prepared a **Notice of Exemption** for **Redwood Village Rolando Park Improvements 2 (Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe)**, Project No. **B-19194.02.06**, as referenced in the Contract Appendix. You shall comply with all requirements of the **Notice of Exemption** as set forth in **Appendix A**.
2. The City of San Diego has prepared a **Notice of Exemption** for **Redwood Village Standpipe Main Replacement (Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe)**, Project No. **B-15030.02.06**, as referenced in the Contract Appendix. You shall comply with all requirements of the **Notice of Exemption** as set forth in **Appendix A**.
3. Compliance with the City's environmental document shall be included in the Contract Price, unless separate bid items have been provided.

6-9

LIQUIDATED DAMAGES. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. The execution of the Contract shall constitute agreement between you and the City that the liquidated damage amount described in the table below is the value of the damage caused by your failure to complete the Work within the allotted time. Such sum shall not be construed as a penalty and may be deducted from your payments if such delay occurs.

Contract Value	Liquidated Damages Daily Amount
Less than \$200,001	\$1,000
\$200,001 to \$500,000	\$1,500
\$500,001 to \$1,000,000	\$2,000
\$1,000,001 to \$2,000,000	\$2,500
\$2,000,001 to \$5,000,000	\$3,000
\$5,000,001 to \$10,000,000	\$5,500
\$10,000,001 to \$20,000,000	\$6,500
Greater Than \$20,000,000	\$7,000

SECTION 7 – MEASUREMENT AND PAYMENT

7-3.2.2.1 Progress Payment for Pipelines. To the "WHITEBOOK", item 4, DELETE in its entirety and SUBSTITUTE with the following:

4. In asphalt-surfaced streets, the City shall pay 15% for hydrostatic and bacterial testing, Wayneball and Mandrelling (where necessary), for water and sewer utility constructions respectively, and operational testing for storm drains, including the trench cap and cleanup. The City shall pay the remaining 5% after completing the asphalt wearing surface, Trench Capping per SDG-107 "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation", and final cleanup.

7-3.9 Field Orders. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. If the cumulative total of Field Order items of Work does not exceed the "Field Orders" Bid Item, the City shall pay those Field Orders as shown below:

**TABLE 7-3.9
FIELD ORDER LIMITS**

Contract Price	Maximum Each Field Order Work Amount
Less than \$1,000,001	\$10,000
\$1,000,001 to \$5,000,000	\$20,000
\$5,000,001 to \$10,000,000	\$25,000
\$10,000,001 to \$30,000,000	\$40,000
Greater than \$30,000,000	\$70,000

7-3.11 Compensation Adjustments for Price Index Fluctuations. To the "WHITEBOOK", ADD the following:

This Contract **is not** subject to the provisions of The "WHITEBOOK" for Compensation Adjustments for Price Index Fluctuations for paving asphalt.

SECTION 209 – PRESSURE PIPE

209-1.1.1 General. To the "GREENBOOK", ADD the following:

1. PVC products, specifically type C900 and C905, as manufactured or distributed by J-M Manufacturing Company or JM Eagle shall not be used on the Contract for pressurized pipe.
2. Refer to AWWA C900-16 for all references to AWWA C905.

SECTION 301 – SUBGRADE PREPARATION, TREATED MATERIALS, AND PLACEMENT OF BASE MATERIALS

301-1.6 **Preparatory Repair Work.** To the “WHITEBOOK”, DELETE in their entirety and SUBSTITUTE with the following:

1. Prior to the placement of any asphalt concrete or application of slurry, you shall complete all necessary preparation and repair Work and shall obtain approval by the Resident Engineer.
2. No preparatory asphalt Work shall be done when the atmospheric temperature is below 50° F (10° C) or during unsuitable weather.
3. Preparatory Work shall include tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, cold milling, hump removal, lump removal, subgrade preparation and subgrade or base repair, removal of raised pavement markers, removal of pavement markings, location of public and private utilities and appurtenances, all Concrete works, and all other necessary works as specified in the Special Provisions and Contract Documents or as directed by the Engineer.
4. After the completion of the preparatory work, you shall install compacted asphalt concrete pavement according to the thickness specified in the Special Provisions and Contract Documents or a minimum of 2 inches (50.8 mm) for residential streets and a minimum of 3 inches (76.2 mm) for all other streets or as directed by the Engineer.
5. You shall identify the location of all utilities vaults, valves, and other appurtenances not included in the project scope requiring relocation or adjustment to grade by other agencies/companies by marking the face of the curb closest to the utility appurtenance as follows:
 1. Offset distance of the appurtenance from the curb face
 2. The limits of the appurtenance or corners of the vault/box
6. The quantities shown in the appendices are based on a street assessment survey and may vary. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents.
7. You shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2 inches (50.8 mm) for residential streets and a minimum depth of 3 inches (76.2 mm) for all others except where specified otherwise in the Special Provisions and Contract Documents or as directed by the Engineer to expose firm and unyielding pavement as specified.

8. If, in order to achieve the minimum specified depth, the base material or native subgrade is exposed, you shall notify the Engineer the material shall be compacted to 95% relative compaction.
9. Compaction tests shall be made to ensure compliance with the specifications.
10. The QCP shall establish location and timing of compaction testing and shall be subject to approval by the Engineer. You shall reimburse the City for the cost of retesting failing compaction tests conducted as part of the City of San Diego Quality Assurance testing.
11. If additional base material is required, you shall use Class 2 Aggregate base in accordance with 200-2.9.1, "Class 2 Aggregate base (Scheduled, 5 Inch)" and "Class 2 Aggregate base (unscheduled, 5 Inch)" or as directed by the Engineer.
12. Prior to placement of compacted asphalt concrete pavement, you shall prepare the subgrade as needed and install a minimum of 2 or 3 inches as specified in the contract documents and special provisions, of compacted asphalt concrete pavement over native material as directed by the Engineer.
13. Areas of damaged asphalt requiring base repair work including excavation, placement of asphalt concrete, asphalt concrete base, and class 2 aggregate base, have been identified in the plan as "DO", Dig Out, also called Base Repairs.
14. The areas and quantities shown in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids. You shall identify any new areas that require repair prior to paving in order to construct a smooth and stable pavement surface. Upon approval by the engineer, the repair locations shall be incorporated into scope of work and shall not be considered extra work. You shall mark the pavement area as "DO" or as directed by the Engineer.
15. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4, "Tack Coat".
16. When milling and/or grinding asphalt pavement for base repair and the contractor encounters level and unyielding PCC trench caps or appurtenance collars before reaching the minimum depth of 2 inches, then the You shall place enough asphalt concrete pavement to bring the surface to be level with the adjacent roadway. Asphalt Concrete Base shall be Type III-B3-PG 64-10 and Asphalt Concrete Pavement shall be Type III-C2-PG 64-10 as directed by the Engineer.
17. You shall install new asphalt within the repair area or for patches in accordance with 302-5, "ASPHALT CONCRETE PAVEMENT". Asphalt concrete shall be Type III-C2-PG 64-10 in compliance with 203-6.3.1 "General".

18. Recycled base material shall conform to Class 2 Aggregate Base material in accordance with 200-2.4, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)".
19. Following the asphalt placement, you shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2, "Density and Smoothness". After placement and compaction of the asphalt patch, you shall seal all finished edges with a 4 inch (101.6 mm) wide continuous band of SS-1H.
20. Materials removed, regardless of removal method, shall be disposed of at a legal site.
21. The minimum dimensions for each individual repair shall be 4 feet by 4 feet (1.2 m by 1.2 m) and shall be subject to the following conditions:
 - a. If the base material is exposed, to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, "SUBGRADE PREPARATION".
 - b. Base repairs shall have a minimum depth of 10".
 - c. You shall repair the areas shown in the appendices of distressed asphalt concrete to remove damaged areas of pavement in accordance with 404-1, to expose firm and unyielding pavement, base, or native soils, regardless of materials encountered. Unyielding pavement will have no visible cracks and unyielding base, or native soils will be properly compacted, as determined by the Engineer. If cracks are visible, then pavement is not unyielding and shall require additional depth be removed as directed by the Engineer. The Contractor shall prepare subgrade as needed and install a maximum of 5" compacted asphalt concrete pavement over the compacted base material to be level with the adjacent roadway surface.
 - d. When additional base material is required, then you shall use Class 2 Aggregate Base in accordance with 200-2.4, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" or as directed by the Engineer.
 - e. Recycled base material shall conform to Class 2 Aggregate base material in accordance with 200-2.4, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)".
 - f. You may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.

- g. For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned, and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt pavement.
- h. Base repair areas where failed pavement is removed either by cold milling or by excavation shall be restored to existing pavement grade with "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" at 5 inches, and 5 inches of "Asphalt Concrete Base" shall be placed atop the layer of "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" unless otherwise directed by the Engineer. These areas have been identified in the appendices as "DO". The Crushed Miscellaneous Base shall be in accordance with 200-2.9, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" The asphalt concrete base shall be Type III-B3-PG 64-10 as specified in 203-6, "ASPHALT CONCRETE". "General" Preliminary quantities are identified in the Contract appendix but may need to be increased and approved by the Engineer at the time of construction. Base Repairs shall not exceed 15% RAP in content.
- i. Base repair with asphalt concrete base areas where failed pavement is removed either by cold milling or by excavation shall be restored to existing pavement grade with Asphalt Concrete Base at 8 inch (203.2mm) and a minimum of 2 or 3 inches of asphalt concrete shall be placed atop the layer of Asphalt Concrete Base unless otherwise directed by the Engineer. The asphalt concrete base shall be Type III-B3-PG 64-10 as specified in 203-6, "ASPHALT CONCRETE." The asphalt concrete shall be Type III-C2-PG 64-10 as specified in 203-6, "General." Base Repairs shall not exceed 15% RAP in content. Base Repairs with Asphalt Concrete Base shall not be performed except where directed by the Engineer.
- j. A Base repair identified prior to initiation of the preparatory work shall be considered scheduled.
- k. A base repair is considered unscheduled when it is not identified in the appendices as "DO" prior to initiation of preparatory work or when you are directed by the Engineer to perform an unscheduled base repair for the proper placement of an asphalt overlay.
- l. At the end of each day the Contractor shall submit to the Engineer an itemized list of the asphalt pavement and base repair work completed. The list shall include but not be limited to the location of the work, the exact square footage of the repair, cubic yards of excavation, tons of asphalt concrete base placed, and tons of Class 2 Aggregate Base material placed or as directed by the Engineer.

301-1.7

Payment. To the "WHITEBOOK", DELETE in their entirety and SUBSTITUTE with the following:

1. The demolition, removal, and disposal of various types of existing hardscape in parkway areas, such as colored concrete, bricks, flagstone in the parkway or right-of-way, shall be included under the lump sum Bid items or for the Contract Unit Prices for which hardscape removal is required. When required, hardscape in parkways shall be replaced with Class A Top Soil or as directed by the Engineer.
2. The payment for the preparatory works shall be included in the lump sum Bid Items and Contract Unit Prices for which preparation works are performed, unless it is specified as a separate Bid Item.
3. The areas and quantities shown in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary. No payment shall be made for areas of over excavation as determined by the Engineer.
4. Asphalt pavement subgrade repair, and base repair dig-outs, shall be paid at the Contract unit price for "**Excavation and Export (Unscheduled, 10 Inch)**", and "**Asphalt Concrete Base (Unscheduled, 5 Inch)**", and "**Class 2 Aggregate Base (Unscheduled, 5 Inch)**". No Payment shall be made for areas of over excavation as determined by the Engineer.
5. When Cold Milling is used as a method for excavation for subgrade or base repair for pavement, Cold Milling shall be included in the Contract Unit Price for "Excavate and Export (Scheduled, 10 Inch)" or "Excavation and Export (Unscheduled, 10 Inch)".
6. The payment for Excavation shall be paid at the Contract Unit Price for or "**Excavation and Export (Unscheduled, 10 Inch)**" for each bank cubic yard of material removed. Proof of proper disposal and/or recycling at a legal site for quantities excavated shall be required in advance of payment as directed by the Engineer and shall be subject to approval by the Engineer for payment. No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.
7. No additional payment shall be made for milling, grinding, saw cutting, stockpiling, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

301-2.4 Measurement and Payment. To the "GREENBOOK", ADD the following:

1. Payment for Class 2 Aggregate base material installed shall be made at the Contract Unit Price for **Class 2 Aggregate Base (Unscheduled, 5 Inch)** per ton and includes all necessary works such as hauling, placement, and compaction as directed by the Engineer.

SECTION 302 – ROADWAY SURFACING

302-5.2 Pavement Restoration Adjacent to Trench. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

302-5.2 Pavement Restoration Adjacent to Trench Influence Zone.

1. The Work for pavement restoration shall include the replacement of existing pavement outside of the trench influence zone in accordance with SECTION 302 – ROADWAY SURFACING and as shown on the Plans.
2. Prior to the commencement of the Work, you shall meet with the Engineer and determine the limits of the pavement to be replaced.
3. Existing pavement shall be removed in accordance with SECTION 404 – COLD MILLING, and as shown on the Plans.
4. Areas of damaged pavement requiring base repair Work shall be restored in accordance with Section 301-1.6 "Preparatory Repair Work", and as shown on the Plans.

302-5.2.1 Measurement and Payment. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. The payment for asphalt concrete pavement restoration outside of the trench influence zone shall be made on a tonnage basis in accordance with Section 302-5.9 "Measurement and Payment", and paid for under Bid Item "**Asphalt Concrete Overlay (2 inch)**", unless separate Bid items have been provided. The following shall be included in the payment for "**Asphalt Concrete Overlay (2 inch)**":
 - a) Saw-cutting existing edges.
 - b) Applying tack coat.
 - c) Placement, curing, and protection of new pavement.
2. The payment for removal of existing asphalt concrete pavement shall be made on square foot basis in accordance with Section 404-12 "Payment", and paid for under Bid Item "**Cold Milling (2 inch)**".
3. The payment for base repair Work shall be made in accordance with Section 301-1.7 "Payment".

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

306-1

GENERAL. To the "GREENBOOK", ADD the following:

1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

ADD:

306-1.1

High-line Phasing.

1. Build the Project in accordance with the water high-lining phasing shown on the Plans and in phases as follows:

For Plans **42340-01-D** thru **42340-61-D**:

- a) Phase 1: Sheet C-1 to C-6
- b) Phase 2: Sheet C-7 to C-8
- c) Phase 3: Sheet C-11 to C-12
- d) Phase 4: Sheet C-9 to C-10
- e) Phase 5: Sheet C-13 to C-14
- f) Phase 6: Sheet C-15 to C-16
- g) Phase 7: Sheet C-17
- h) Phase 8: Sheet C-30 to C-32
- i) Phase 9: Sheet C-25 to C-26
- j) Phase 10: Sheet C-18 to C-19
- k) Phase 11: Sheet C-20 to C-22
- l) Phase 12: Sheet C-28 to C-29
- m) Phase 13: Sheet C-27
- n) Phase 14: Sheet C-34 to C-35
- o) Phase 15: Sheet C-38 to C-39
- p) Phase 16: Sheet C-36 to C-37

- q) Phase 17: Sheet C-33
- r) Phase 18: Sheet C-23 to C-24

For Plans **39049-01-D** thru **39049-09-D**:

- a) Phase 1: Sheet C-1
- b) Phase 2: Sheet C-2

306-3.3.4 Payment. To the "WHITEBOOK", ADD the following:

- 12. The payment for pavement restoration including influence area shall be included in the Bid items for the associated abandonment Work.

306-7.8.2.1 General. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

- 2. Pressure testing of pipe and fittings at the lowest elevation shall be performed at 150% of the specified test pressure and no less than 100% of the specified test pressure at the highest elevation.
 - a) Specified test pressure for Class 235 pipe shall be 150 psi and is tested at 225 psi.
 - b) Specified test pressure for Class 305 pipe shall be 200 psi and is tested at 300 psi.

306-15 PAYMENT. To the "GREENBOOK", ADD the following:

- 1. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.

306-15.1 General. To the "WHITEBOOK", item 1, subitem n, DELETE in its entirety and SUBSTITUTE with the following:

- n) Permanent resurfacing. See 306-1 General for permanent pavement restoration requirements.

306-15.6 Hydrants. To the "WHITEBOOK", ADD the following:

- 5. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
- 6. See 306-1 General for permanent resurfacing requirements.

306-15.7 Buried Structures. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

306-15.7 Buried Structures. To the "GREENBOOK", sentence (3), DELETE in its entirety and SUBSTITUTE with the following:

The Contract Unit Price shall include excavation, backfill, disposal of all excess excavation, constructing inverts, furnishing and installing castings, restoration of the street surface (See 306-1 General for permanent resurfacing requirements) and

improvements including but not limited to sidewalk panel, and all other Work, excluding temporary resurfacing, necessary to construct the buried structure, complete in-place.

306-15.8 Pipeline Appurtenances. To the "WHITEBOOK", ADD the following:

10. Payment for pipeline appurtenances will be made at the contract unit price for each appurtenance of the size including permanent resurfacing requirements. See 306-1 General for permanent resurfacing requirements.
11. Payment for "**Traffic Rated Meter Box**" shall include any additional adjustment to place the box around the meter to ensure the valve is accessible and operating properly (including adjusting the water service pipe beyond the meter box). Resurfacing above Traffic Rated Meter Box shall meet existing grade. Lid shall withstand AASHTO H-20 (ASTM 857).

306-16.6 Payment. To the "WHITEBOOK", ADD the following:

6. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
 - a) See 306-1 General for permanent resurfacing requirements.

306-17.2 Payment. To the "WHITEBOOK", ADD the following:

12. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
13. See 301-1 General for permanent resurfacing requirements.

SECTION 307 - JACKING AND TUNNELING

307-1 JACKING OPERATIONS. To the "GREENBOOK", ADD the following:

1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"

- c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
- d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
- e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

307-1.7 Payment. To the "WHITEBOOK", ADD the following:

- 2. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
- 3. See 307-1 JACKING OPERATIONS for permanent resurfacing requirements.

SECTION 308 - MICROTUNNELING

308-1 GENERAL. To the "GREENBOOK", ADD the following:

- 1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

308-10 RESTORATION OF SURFACE IMPROVEMENTS. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

See Section 308 -1 General for permanent resurfacing requirements.

308-12 **PAYMENT.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The payment for microtunneling, including casing, carrier pipes, and surface improvement restoration, shall be included in the Bid item for "**Sewer Main by Microtunneling with Steel Casing**".

SECTION 314- TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS, AND PAVEMENT MARKERS

314-4.4.6 **Payment.** To the "WHITEBOOK", Item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. The payment for the removal and replacement of existing thermoplastic traffic striping, pavement markings, and pavement markers shall be included in the lump sump Bid item for "**Removal and Replacement of Existing Thermoplastic Striping and Markings**".

SECTION 315 - HORIZONTAL DIRECTIONAL DRILLING

315 - 1 **GENERAL.** To the "WHITEBOOK", ADD the following:

2. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

315-14 **MEASUREMENT AND PAYMENT.** To the "WHITEBOOK", ADD the following:

3. See Section 315 -1 GENERAL for permanent resurfacing requirements.

SECTION 316 – PIPE BURSTING

316 - 1 **GENERAL.** To the "WHITEBOOK", ADD the following:

2. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings as included in. Payment for pavement

restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.

- a) SDG-105, "Pavement Restoration General Notes"
- b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
- c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
- d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
- e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

316-9 MEASUREMENT AND PAYMENT. To the "WHITEBOOK", ADD the following:

- 3. See Section 316 -1 GENERAL for permanent resurfacing requirements.

SECTION 317 – PIPE FUSION

317-1 PIPE FUSION FOR SEWER MAINS. To the "WHITEBOOK", ADD the following:

- 1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

317-1.10 Payment. To the "WHITEBOOK", ADD the following:

- 3. See Section 317-1 PIPE FUSION FOR SEWER MAINS for permanent resurfacing requirements.

317-2.12 Payment. To the "WHITEBOOK", ADD the following:

- 3. See Section 317-1 PIPE FUSION FOR SEWER MAINS for permanent resurfacing requirements.

SECTION 400 – PROTECTION AND RESTORATION

400-1 GENERAL. To the "WHITEBOOK", ADD the following:

6. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

SECTION 401 – REMOVAL

401-3.1 Concrete Pavement. To the "WHITEBOOK", ADD the following:

4. See Section 400 -1 GENERAL for permanent resurfacing requirements.

401-3.2 Concrete Curb, Walk, Gutters, Cross Gutters, Curb Ramps, Driveway, and Alley Intersections. To the "WHITEBOOK", ADD the following:

7. See Section 400 -1 GENERAL for permanent resurfacing requirements.

SECTION 402 – UTILITIES

402-1.1 General. To the "GREENBOOK", paragraph 5, DELETE in its entirety and SUBSTITUTE with the following:

The Contractor shall complete excavation, backfill, and placement of temporary resurfacing on the same Day. Backfill shall conform to 306-12 Temporary resurfacing shall conform to 306-13.1. Permanent resurfacing shall be placed within 10 Working Days unless otherwise specified in the Special Provisions or directed by the Engineer. See Section 400 -1 GENERAL for permanent resurfacing requirements.

To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTUTUTE with the following:

2. You shall fill all potholes on the same day of potholing if no trenching is to be performed within 10 Working Days of the excavation. Fully restore all potholes

and any damaged surrounding areas to their original condition unless otherwise specified by the Engineer. Permanent resurfacing shall conform to SDG-123, "36-Inch and Smaller Pothole and Exploratory Excavation".

402-2 PROTECTION. To the "WHITEBOOK", item 2, ADD the following:

- g) Refer to **Appendix J - Advanced Metering Infrastructure (AMI) Device Protection** for more information on the protection of AMI devices.

402-8 PAYMENT. To the "WHITEBOOK", ADD the following:

- 6. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.

SECTION 500 – PIPELINE REHABILITATION

500-1 GENERAL. To the "WHITEBOOK", ADD the following:

- 5. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

500-4.7 Payment. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. The point repair Work shall be measured and paid for in the Bid Item for each **"Point Repair for Existing Sewer Main"**. Measurement shall be made at the pipe and shall be based on the length of pipe repaired. You shall be paid for 1 point repair for each repair 8 ft (2.43 m) or less in length. Any continuous point repair greater than 8 ft (2.43 m), shall be paid linearly proportioned to bid item "Point Repair for Existing Sewer Main". This payment shall include all necessary labor, materials, and equipment to clean, repair, excavate, inspect the Point Repair, backfill and restore pavement. See 500-1 General for permanent pavement restoration requirements.

SECTION 503 – SERVICE LATERAL REHABILITATION

503-1 GENERAL. To the "WHITEBOOK", ADD the following:

- 7. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
 - a) SDG-105, "Pavement Restoration General Notes"
 - b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

503-6 PAYMENT. To the "WHITEBOOK" item 3, DELETE in its entirety and SUBSTITUTE with the following:

- 3. The point repair Work for sewer laterals shall be in accordance with 500-4, "PIPELINE POINT REPAIR AND/OR REPLACEMENT" and shall be included in the Bid Item for each "**Point Repair for Existing Sewer Lateral**". Measurement shall be made at the pipe and shall be based on the length of pipe repaired. You shall be paid for 1 point repair for each repair 8 ft (2.43 m) or less in length. Any continuous point repair greater than 8 ft (2.43 m), shall be paid linearly proportioned to bid item "Point Repair for Existing Sewer Main". This payment shall include all necessary labor, materials, and equipment to clean, repair, excavate, inspect the Point Repair, backfill, pavement restoration (and influence area) including sidewalks, driveways and any other above ground improvements.

SECTION 601 - TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK ZONES

601-2.1.2 Engineered Traffic Control Plans (TCP). To the "WHITEBOOK", ADD the following:

- 5. Engineered TCP (2 foot x 3 foot size) shall be required for the following areas:
 - a) University Ave from 60th St to College Ave

SECTION 700 - MATERIALS

700-1.3 (86-1.02B) Conduit. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. When approved by the Engineer, conduit runs shown on the plans to be located behind curbs may be installed in the street, within 4 feet of and parallel to the curb, by narrow trenching. All pull boxes shall be located behind the curb or at locations shown on the plans. Narrow trenching shall be performed in accordance with the latest City Standards. Any changes in conduit location shall be approved in advance by the Engineer. All narrow trenching shall conform to the City of San Diego Standard Drawings SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation", SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation" and be inspected prior to backfill. Trenches behind sidewalks shall be compacted using compaction tools to ensure no sinking of trench will occur. Trenches wider than 6 inch (15.2 cm) shall conform to the City of San Diego Standard Drawings SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation", SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation", and SDG-119, "Trench Types G, H & I Backfill for Dry Utility". A 3-inch (7.6 mm) bed of fine soil or sand shall be placed in the trench.

SECTION 701 - CONSTRUCTION

701-2 PAYMENT. To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. The payment for the trenching and pavement restoration, including influence areas, is included in the payment for the associated Work.

SECTION 901 - INSTALLATION AND CONNECTION

901-1.1.2.3 High-lining Removed by the Contractor. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. After removing all high-lining construction material and debris, you shall restore streets, curbs, gutters, sidewalks, fire hydrants, and other disturbed facilities in accordance with PART 4 - EXISTING IMPROVEMENTS. Street resurfacing shall be restored in accordance with the SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation", SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation".

901-2.4 Pavement Restoration. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. After the final connection is completed, you shall remove all temporary resurfacing, compact sub-grade and restore affected area with permanent resurfacing in accordance with the following City of San Diego Standard

Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work.

- a) SDG-105, "Pavement Restoration General Notes"
- b) SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
- c) SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
- d) SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
- e) SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

901-2.5 **Payment.** To the "WHITEBOOK", item 1, subitem g, and item 3, DELETE in their entirety and SUBSTITUTE with the following:

g) Pavement Restoration including influence area.

- 3. Traffic Control, saw cutting the trench area, trench caps, and other spot repairs in the vicinity of the disturbed area at each restored connection shall be included in the square foot Bid Item for "**Pavement Restoration for Final Connection**". Asphalt overlay Work shall be paid for under separate Bid items.

SECTION 1001 – CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)

1001-1 **GENERAL.** To the "WHITEBOOK", ADD the following:

- 8. Based on a preliminary assessment by the City, this Contract is subject to **WPCP**.
-

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A
NOTICE OF EXEMPTIONS

NOTICE OF EXEMPTION

(Check one or both)

TO: Recorder/County Clerk
P.O. Box 1750, MS A-33
1600 Pacific Hwy, Room 260
San Diego, CA 92101-2400

FROM: City of San Diego
Engineering & Capital Projects Department
525 B Street, Suite 750, MS 908A
San Diego, CA 92101

Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

Project Name: Redwood Village Rolando Park Improvements 2

WBS No.: B-19194.02.06 (W)

Project Location-Specific: The project is located along portions of the following streets within the Mid-City Communities, Eastern Community Planning Area (Council District 4): Rock Street, College Avenue, Newsome Drive, Brems Street, Odom Street, Twila Lane, Billman Street, Zena Drive, Marron Street, Gayle Street, Hegg Street, Demus Street, Boren Street, Perique Street, Jodi Street, Glade Street, Hughes Street, Kerch Street, and Nelson Street.

Project Location-City/County: San Diego/San Diego

Description of nature and purpose of the Project: The project includes the replacement of approximately 20,330 linear feet (LF) of existing water pipeline, abandonment of approximately 1,971 LF of water main, the installation of approximately 40 LF of new water main, fire hydrants, curb ramps, valves, blow-off assemblies, and water meters; and street resurfacing. Traffic control measures and Best Management Practices would be implemented during construction. All work would occur within the City's developed public right-of-way.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: City of San Diego
Engineering and Capital Projects Department
Contact: Juan Baligad
Email/Phone No.: JBaligad@sandiego.gov / (619) 533-5473
525 B Street, Suite 750 (MS 908A), San Diego, CA 92101

Exempt Status:

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269 (b)(c))
- Categorical Exemption: 15302 (Replacement or Reconstruction), 15303 (New Construction or Conversion of Small Structures), 15304 (Minor Alteration to Land)
- Statutory Exemptions:

Reasons why project is exempt: The City of San Diego conducted an environmental review which determined that the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Section 15302 (Replacement or Reconstruction), which allows for the replacement of existing structures where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, such as the replacement of water mains, Section 15303 (New Construction or Conversion of Small Structures), which allows for the construction and location of limited numbers of new, small structures, such as installation of fire hydrants, curb ramps, valves, blow-off assemblies,

and water meters; and Section 15304 (Minor Alteration to Land), which allows for minor public alterations in the condition of land which do not involve removal of healthy, mature, scenic trees except for forestry of agricultural purposes, such as trenching for the replacement of pipeline where the surface is restored; and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Juan Baligad

Telephone: (619) 533-5473

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a notice of exemption been filed by the public agency approving the project? () Yes () No

It is hereby certified that the City of San Diego has determined the above activity to be exempt from CEQA

Carrie Purcell

Carrie Purcell, Deputy Director

1/3/23

Date

Check One:

- (X) Signed By Lead Agency
() Signed by Applicant

Date Received for Filing with County Clerk or OPR:

NOTICE OF EXEMPTION

(Check one or both)

TO: Recorder/County Clerk
P.O. Box 1750, MS A-33
1600 Pacific Hwy, Room 260
San Diego, CA 92101-2400

FROM: City of San Diego
Engineering & Capital Projects Department
525 B Street, Suite 750, MS 908A
San Diego, CA 92101

Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

Project Name: Redwood Village Standpipe Main Replacement

WBS No.: B-15030.02.06

Project Location-Specific: The project is located along a portion of 60th Street within the Mid-City Communities, Eastern Community Planning Area (Council District 4).

Project Location-City/County: San Diego/San Diego

Description of nature and purpose of the Project: The project includes installation of approximately 350 linear feet (LF) of new water main, fire hydrants, valves, blow-off assemblies, and water meters; the replacement of approximately 176 LF of existing water main; the abandonment of 863 LF of water main; curb ramp upgrades and street resurfacing. Traffic control measures and Best Management Practices would be implemented during construction. All work would occur within the City's developed public right-of-way.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: City of San Diego
Engineering and Capital Projects Department
Contact: Blake McCormick
Email/Phone No.: JBaligad@sandiego.gov / (619) 533-5473
525 B Street, Suite 750 (MS 908A), San Diego, CA 92101

Exempt Status:

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269 (b)(c))
- Categorical Exemption: 15302 (Replacement or Reconstruction), 15303 (New Construction or Conversion of Small Structures), 15304 (Minor Alteration to Land)
- Statutory Exemptions:

Reasons why project is exempt: The City of San Diego conducted an environmental review which determined that the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Section 15302 (Replacement or Reconstruction), which allows for the replacement of existing structures where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, which includes the replacement of water mains; Section 15303 (New Construction), which allows for the construction and location of limited numbers of new, small structures; such as installation of fire hydrants, curb ramps, valves, blow-off assemblies, and water meters; Section 15304 (Minor Alteration to Land), which allows for minor public alterations in the condition of land which do not involve removal of healthy, mature, scenic trees except for forestry of agricultural purposes, such as trenching for the

replacement of pipeline where the surface is restored; and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Juan Baligad

Telephone: (619) 533-5473

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a notice of exemption been filed by the public agency approving the project? () Yes () No

It is hereby certified that the City of San Diego has determined the above activity to be exempt from CEQA.

Carrie Purcell

Carrie Purcell, Deputy Director

3/20/23

Date

Check One:

- (X) Signed By Lead Agency
() Signed by Applicant

Date Received for Filing with County Clerk or OPR:

APPENDIX B
FIRE HYDRANT METER PROGRAM

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 1 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

1. **PURPOSE**

1.1 To establish a Departmental policy and procedure for issuance, proper usage and charges for fire hydrant meters.

2. **AUTHORITY**

2.1 All authorities and references shall be current versions and revisions.

2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15

2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

2.6 State of California Water Code, Section 110, 500-6, and 520-23

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention

2.10 American Water Works Association Standards for Water Meters

2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

3.1 **Fire Hydrant Meter:** A portable water meter which is connected to a fire hydrant for the purpose of temporary use. (These meters are sometimes referred to as Construction Meters.)

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	SUPERSEDES DI 55.27	DATED April 21, 2000

- 3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.
- 3.3 **Backflow Preventor:** A Reduced Pressure Principal Assembly connected to the outlet side of a Fire Hydrant Meter.

4. **POLICY**

- 4.1 The Water Department shall collect a deposit from every customer requiring a fire hydrant meter and appurtenances prior to providing the meter and appurtenances (see Section 7.1 regarding the Fees and Deposit Schedule). The deposit is refundable upon the termination of use and return of equipment and appurtenances in good working condition.
- 4.2 Fire hydrant meters will have a 2 ½" swivel connection between the meter and fire hydrant. The meter shall not be connected to the 4" port on the hydrant. All Fire Hydrant Meters issued shall have a Reduced Pressure Principle Assembly (RP) as part of the installation. Spanner wrenches are the only tool allowed to turn on water at the fire hydrant.
- 4.3 The use of private hydrant meters on City hydrants is prohibited, with exceptions as noted below. All private fire hydrant meters are to be phased out of the City of San Diego. All customers who wish to continue to use their own fire hydrant meters must adhere to the following conditions:
 - a. Meters shall meet all City specifications and American Water Works Association (AWWA) standards.
 - b. Customers currently using private fire hydrant meters in the City of San Diego water system will be allowed to continue using the meter under the following conditions:
 - 1. The customer must submit a current certificate of accuracy and calibration results for private meters and private backflows annually to the City of San Diego, Water Department, Meter Shop.

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2. The meter must be properly identifiable with a clearly labeled serial number on the body of the fire hydrant meter. The serial number shall be plainly stamped on the register lid and the main casing. Serial numbers shall be visible from the top of the meter casing and the numbers shall be stamped on the top of the inlet casing flange.
3. All meters shall be locked to the fire hydrant by the Water Department, Meter Section (see Section 4.7).
4. All meters shall be read by the Water Department, Meter Section (see Section 4.7).
5. All meters shall be relocated by the Water Department, Meter Section (see Section 4.7).
6. These meters shall be tested on the anniversary of the original test date and proof of testing will be submitted to the Water Department, Meter Shop, on a yearly basis. If not tested, the meter will not be allowed for use in the City of San Diego.
7. All private fire hydrant meters shall have backflow devices attached when installed.
8. The customer must maintain and repair their own private meters and private backflows.
9. The customer must provide current test and calibration results to the Water Department, Meter Shop after any repairs.
10. When private meters are damaged beyond repair, these private meters will be replaced by City owned fire hydrant meters.

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11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
 12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
 13. The outlet shall have a 2 ½ “National Standards Tested (NST) fire hydrant male coupling.
 14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).
- 4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.
- 4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.
- 4.6 Conditions and Processes for Issuance of a Fire Hydrant Meter**
- Process for Issuance
- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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2. Construction and maintenance related activities (see Tab 2).
 - b. No customer inside or outside the boundaries of the City of San Diego Water Department shall resell any portion of the water delivered through a fire hydrant by the City of San Diego Water Department.
 - c. The City of San Diego allows for the issuance of a temporary fire hydrant meter for a period not to exceed 12 months (365 days). An extension can only be granted in writing from the Water Department Director for up to 90 additional days. A written request for an extension by the consumer must be submitted at least 30 days prior to the 12 month period ending. No extension shall be granted to any customer with a delinquent account with the Water Department. No further extensions shall be granted.
 - d. Any customer requesting the issuance of a fire hydrant meter shall file an application with the Meter Section. The customer must complete a "Fire Hydrant Meter Application" (Tab 1) which includes the name of the company, the party responsible for payment, Social Security number and/or California ID, requested location of the meter (a detailed map signifying an exact location), local contact person, local phone number, a contractor's license (or a business license), description of specific water use, duration of use at the site and full name and address of the person responsible for payment.
 - e. At the time of the application the customer will pay their fees according to the schedule set forth in the Rate Book of Fees and Charges, located in the City Clerk's Office. All fees must be paid by check, money order or cashiers check, made payable to the City Treasurer. Cash will not be accepted.
 - f. No fire hydrant meters shall be furnished or relocated for any customer with a delinquent account with the Water Department.
 - g. After the fees have been paid and an account has been created, the

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meter shall be installed within 48 hours (by the second business day). For an additional fee, at overtime rates, meters can be installed within 24 hours (within one business day).

4.7 Relocation of Existing Fire Hydrant Meters

- a. The customer shall call the Fire Hydrant Meter Hotline (herein referred to as “Hotline”), a minimum of 24 hours in advance, to request the relocation of a meter. A fee will be charged to the existing account, which must be current before a work order is generated for the meter’s relocation.
- b. The customer will supply in writing the address where the meter is to be relocated (map page, cross street, etc). The customer must update the original Fire Hydrant Meter Application with any changes as it applies to the new location.
- c. Fire hydrant meters shall be read on a monthly basis. While fire hydrant meters and backflow devices are in service, commodity, base fee and damage charges, if applicable, will be billed to the customer on a monthly basis. If the account becomes delinquent, the meter will be removed.

4.8 Disconnection of Fire Hydrant Meter

- a. After ten (10) months a “Notice of Discontinuation of Service” (Tab 3) will be issued to the site and the address of record to notify the customer of the date of discontinuance of service. An extension can only be granted in writing from the Water Department Director for up to 90 additional days (as stated in Section 4.6C) and a copy of the extension shall be forwarded to the Meter Shop Supervisor. If an extension has not been approved, the meter will be removed after twelve (12) months of use.
- b. Upon completion of the project the customer will notify the Meter Services office via the Hotline to request the removal of the fire hydrant meter and appurtenances. A work order will be generated

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for removal of the meter.

- c. Meter Section staff will remove the meter and backflow prevention assembly and return it to the Meter Shop. Once returned to the Meter Shop the meter and backflow will be tested for accuracy and functionality.
- d. Meter Section Staff will contact and notify Customer Services of the final read and any charges resulting from damages to the meter and backflow or its appurtenance. These charges will be added on the customer's final bill and will be sent to the address of record. Any customer who has an outstanding balance will not receive additional meters.
- e. Outstanding balances due may be deducted from deposits and any balances refunded to the customer. Any outstanding balances will be turned over to the City Treasurer for collection. Outstanding balances may also be transferred to any other existing accounts.

5. **EXCEPTIONS**

- 5.1 Any request for exceptions to this policy shall be presented, in writing, to the Customer Support Deputy Director, or his/her designee for consideration.

6. **MOBILE METER**

- 6.1 Mobile meters will be allowed on a case by case basis. All mobile meters will be protected by an approved backflow assembly and the minimum requirement will be a Reduced Pressure Principal Assembly. The two types of Mobile Meters are vehicle mounted and floating meters. Each style of meters has separate guidelines that shall be followed for the customer to retain service and are described below:

- a) **Vehicle Mounted Meters:** Customer applies for and receives a City owned Fire Hydrant Meter from the Meter Shop. The customer mounts the meter on the vehicle and brings it to the Meter Shop for

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inspection. After installation is approved by the Meter Shop the vehicle and meter shall be brought to the Meter Shop on a monthly basis for meter reading and on a quarterly basis for testing of the backflow assembly. Meters mounted at the owner's expense shall have the one year contract expiration waived and shall have meter or backflow changed if either fails.

b) **Floating Meters:** Floating Meters are meters that are not mounted to a vehicle. **(Note: All floating meters shall have an approved backflow assembly attached.)** The customer shall submit an application and a letter explaining the need for a floating meter to the Meter Shop. The Fire Hydrant Meter Administrator, after a thorough review of the needs of the customer, (i.e. number of jobsites per day, City contract work, lack of mounting area on work vehicle, etc.), may issue a floating meter. At the time of issue, it will be necessary for the customer to complete and sign the "Floating Fire Hydrant Meter Agreement" which states the following:

- 1) The meter will be brought to the Meter Shop at 2797 Caminito Chollas, San Diego on the third week of each month for the monthly read by Meter Shop personnel.
- 2) Every other month the meter will be read and the backflow will be tested. This date will be determined by the start date of the agreement.

If any of the conditions stated above are not met the Meter Shop has the right to cancel the contract for floating meter use and close the account associated with the meter. The Meter Shop will also exercise the right to refuse the issuance of another floating meter to the company in question.

Any Fire Hydrant Meter using reclaimed water shall not be allowed use again with any potable water supply. The customer shall incur the cost of replacing the meter and backflow device in this instance.

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7. **FEE AND DEPOSIT SCHEDULES**

7.1 **Fees and Deposit Schedules:** The fees and deposits, as listed in the Rate Book of Fees and Charges, on file with the Office of the City Clerk, are based on actual reimbursement of costs of services performed, equipment and materials. These deposits and fees will be amended, as needed, based on actual costs. Deposits, will be refunded at the end of the use of the fire hydrant meter, upon return of equipment in good working condition and all outstanding balances on account are paid. Deposits can also be used to cover outstanding balances.

All fees for equipment, installation, testing, relocation and other costs related to this program are subject to change without prior notification. The Mayor and Council will be notified of any future changes.

8. **UNAUTHORIZED USE OF WATER FROM A HYDRANT**

8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.

8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.

8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.

8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 10 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

- 8.5 If damage occurs to Water Department property (i.e. fire hydrant meter, backflow, various appurtenances), the cost of repairs or replacements will be charged to the customer of record (applicant).

Water Department Director

- Tabs: 1. Fire Hydrant Meter Application
2. Construction & Maintenance Related Activities With No Return To Sewer
3. Notice of Discontinuation of Service

APPENDIX

Administering Division: Customer Support Division

Subject Index: Construction Meters
Fire Hydrant
Fire Hydrant Meter Program
Meters, Floating or Vehicle Mounted
Mobile Meter
Program, Fire Hydrant Meter

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

Application Date	Requested Install Date:
------------------	-------------------------

Fire Hydrant Location: (Attach Detailed Map//Thomas Bros. Map Location or Construction drawing.) Zip:	T.B.	G.B. (CITY USE)
Specific Use of Water:		
Any Return to Sewer or Storm Drain, if so, explain:		
Estimated Duration of Meter Use:		Check Box if Reclaimed Water

Company Information

Company Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ()
*Business license#		*Contractor license#	
A Copy of the Contractor's license OR Business License is required at the time of meter issuance.			
Name and Title of Billing Agent: <small>(PERSON IN ACCOUNTS PAYABLE)</small>			Phone: ()
Site Contact Name and Title:			Phone: ()
Responsible Party Name:			Title:
Cal ID#			Phone: ()
Signature:		Date:	
Guarantees Payment of all Charges Resulting from the use of this Meter. Insures that employees of this Organization understand the proper use of Fire Hydrant Meter			

Fire Hydrant Meter Removal Request	Requested Removal Date:
Provide Current Meter Location if Different from Above:	
Signature:	Title: Date:
Phone: ()	Pager: ()

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter	
Contract Acct #:	Deposit Amount: \$ 936.00	Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05	Meter Make and Style: 6-7
Backflow #	Backflow Size:	Backflow Make and Style:
Name:	Signature:	Date:

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

Auto Detailing
Backfilling
Combination Cleaners (Vactors)
Compaction
Concrete Cutters
Construction Trailers
Cross Connection Testing
Dust Control
Flushing Water Mains
Hydro Blasting
Hydro Seeing
Irrigation (for establishing irrigation only; not continuing irrigation)
Mixing Concrete
Mobile Car Washing
Special Events
Street Sweeping
Water Tanks
Water Trucks
Window Washing

Note:

1. If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charges.

Date

Name of Responsible Party
Company Name and Address
Account Number: _____

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

The authorization for use of Fire Hydrant Meter # _____, located at *(Meter Location Address)* ends in 60 days and will be removed on or after *(Date Authorization Expires)*. Extension requests for an additional 90 days must be submitted in writing for consideration 30 days prior to the discontinuation date. If you require an extension, please contact the Water Department, or mail your request for an extension to:

City of San Diego
Water Department
Attention: Meter Services
2797 Caminito Chollas
San Diego, CA 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant Hotline at (619) _____ - _____.

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

1. Soil amendment
2. Fiber mulch
3. PVC or PE pipe up to 16 inch diameter
4. Stabilizing emulsion
5. Lime
6. Preformed elastomeric joint seal
7. Plain and fabric reinforced elastomeric bearing pads
8. Steel reinforced elastomeric bearing pads
9. Waterstops (Special Condition)
10. Epoxy coated bar reinforcement
11. Plain and reinforcing steel
12. Structural steel
13. Structural timber and lumber
14. Treated timber and lumber
15. Lumber and timber
16. Aluminum pipe and aluminum pipe arch
17. Corrugated steel pipe and corrugated steel pipe arch
18. Structural metal plate pipe arches and pipe arches
19. Perforated steel pipe
20. Aluminum underdrain pipe
21. Aluminum or steel entrance tapers, pipe downdrains, reducers, coupling bands and slip joints
22. Metal target plates
23. Paint (traffic striping)
24. Conductors
25. Painting of electrical equipment
26. Electrical components
27. Engineering fabric
28. Portland Cement
29. PCC admixtures
30. Minor concrete, asphalt
31. Asphalt (oil)
32. Liquid asphalt emulsion
33. Epoxy

APPENDIX D

SAMPLE CITY INVOICE WITH CASH FLOW FORECAST

WBS #:	B18108
Date Submitted:	10/10/2018
NTP Date:	3/23/2018
Final Statement of WD Date:	5/23/2020
Contract #:	K-XX-XXXX-XXX-X
Contract Amount:	\$5,617,000

Construction Cash Flow Forecast
 "Sewer and Water Group Job 965 (W)"

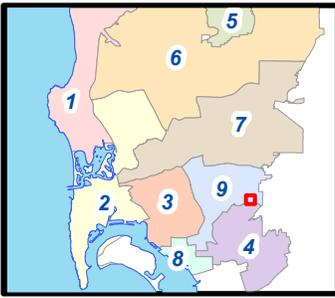
Year	January	February	March	April	May	June	July	August	September	October	November	December
2018				15,000	25,000	52,000	52,000	100,000	10,000	100,000	100,000	100,000
2019	10,000	10,000	85,000	58,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	1,000,000
2020	100,000	100,000	100,000	1,000,000	1,000,000							
2021												
2022												
2023												
2024												
2025												

SAMPLE REFERENCE

APPENDIX E
LOCATION MAP

Redwood Village/Rolando Park Improv 2
Redwood Village Standpipe Main Replacement

FOR QUESTIONS ABOUT THIS PROJECT
 Call: (619) 533-4207
 Email: engineering@sandiego.gov



Legend

- B15130 Replace Main
- Replace Water Main
- Abandon Water Main
- B15130 Abandon Main
- New Water Main



COMMUNITY NAME: REDWOOD VILLAGE

COUNCIL DISTRICT: 9

WBS NO: B19194 (W)
 B15030

Date: 7/24/2023

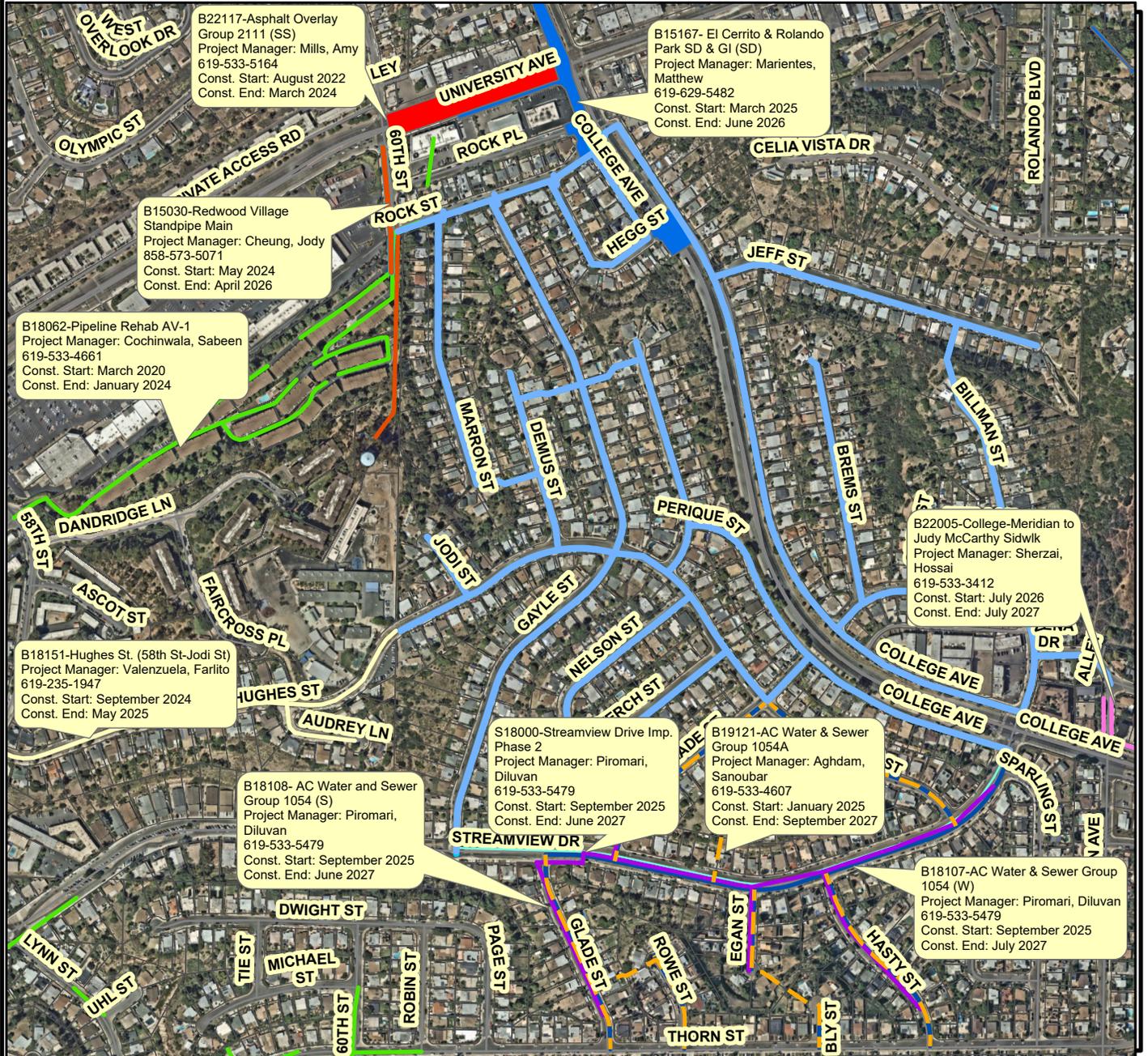
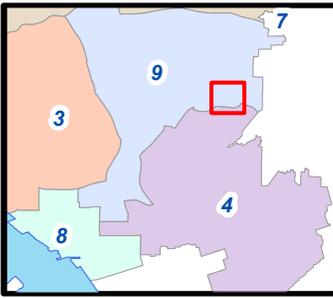


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APPENDIX F
ADJACENT PROJECTS MAP

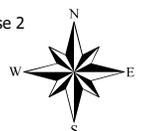
Redwood Village/Rolando Park Improv 2

SENIOR ENGINEER REX NARVAEZ 619-533-5127	PROJECT MANAGER JODY CHEUNG 858-573-5071	PROJECT ENGINEER CARLOS NAVARRO II 619-527-3106	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sandiego.gov
--	--	---	---



Legend

- | | | |
|---|---|--|
| B19194 Redwood Village/Rolando Park Improv 2 | B18108 AC Water and Sewer Group 1054 (S) | B22005 College-Meridian to Judy McCarty Sidwtk |
| B15030 Redwood Village Standpipe Main Replcm. | B18151 Hughes St (58th St-Jodi St) Rd Imp UU101 | S18000 Streamview Drive Improvements Phase 2 |
| B18062 PIPELINE REHABILITATION AV-1 | B19121 AC Water & Sewer Group 1054A (S) | Asphalt Overlay Group 2111 (SS) |
| B18107 AC Water & Sewer Group 1054 (W) | B19194 Redwood Village/Rolando Park Improv 2(W) | El Cerrito & Rolando Park SD & GI (SD) |



COMMUNITY NAME: REDWOOD VILLAGE COUNCIL DISTRICT: 4
Date: 12/18/2023

WBS NO: B-19194 (W)
B-15030 (W)



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APPENDIX G

CONTRACTOR'S DAILY QUALITY CONTROL INSPECTION REPORT

Appendix G

City of San Diego
Asphalt Concrete Overlay
Contractor's Daily Quality Control Inspection Report

Project Title: _____ Date: _____

Locations: 1. _____
2. _____
3. _____

Asphalt Mix Specification: Attached Supplier: _____

Dig out Locations: 1. _____
2. _____
3. _____

Tack Coat Application Rate @ Locations:
1. _____
2. _____
3. _____

Asphalt Temperature at Placement @ Locations:
1. _____
2. _____
3. _____

Asphalt Depth @Locations:
1. _____
2. _____
3. _____

Compaction Test Result @Locations:
1. _____
2. _____
3. _____

Location and nature of defects:

1. _____
2. _____
3. _____

Remedial and Corrective Actions taken or proposed for Engineer's approval:

1. _____
2. _____
3. _____

Date's City Laboratory representative was present:

1. _____
2. _____
3. _____

Verified the following:

1. Proper Storage of Materials & Equipment
2. Proper Operation of Equipment
3. Adherence to Plans and Specs
4. Review of QC Tests
5. Safety Inspection

Initials:

- _____
- _____
- _____
- _____
- _____

Deviations from QCP _____ (see attached)

Quality Control Plan Administrator's Signature:

Date Signed:

APPENDIX H
HAZARDOUS WASTE LABEL/FORMS

HAZARDOUS WASTE

STATE AND FEDERAL LAW PROHIBITS IMPROPER DISPOSAL
IF FOUND, CONTACT THE NEAREST POLICE, OR PUBLIC SAFETY
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY
OR THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES

GENERATOR NAME _____ 24 HR. PHONE () _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

EPA ID NO. _____ MANIFEST DOCUMENT NO. _____

EPA WASTE NO. _____ CA WASTE NO. _____ ACCUMULATION START DATE _____ / ____ / ____

CONTENTS, COMPOSITION _____

PROPER DOT SHIPPING NAME _____

TECHNICAL NAME (S) _____

UN/NA NO. WITH PREFIX _____

PHYSICAL STATE | HAZARDOUS PROPERTIES FLAMMABLE TOXIC
 SOLID LIQUID | CORROSIVE REACTIVE OTHER _____

HANDLE WITH CARE!
CONTAINS HAZARDOUS OR TOXIC WASTES

INCIDENT/RELEASE ASSESSMENT FORM ¹

If you have an emergency, Call 911

Handlers of hazardous materials are required to report releases. The following is a tool to be used for assessing if a release is reportable. Additionally, a non-reportable release incident form is provided to document why a release is not reported (see back).

Questions for Incident Assessment:

	YES	NO
1. Was anyone killed or injured, or did they require medical care or admitted to a hospital for observation?	<input type="checkbox"/>	<input type="checkbox"/>
2. Did anyone, other than employees in the immediate area of the release, evacuate?	<input type="checkbox"/>	<input type="checkbox"/>
3. Did the release cause off-site damage to public or private property?	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the release greater than or equal to a reportable quantity (RQ)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Was there an uncontrolled or unpermitted release to the air?	<input type="checkbox"/>	<input type="checkbox"/>
6. Did an uncontrolled or unpermitted release escape secondary containment, or extend into any sewers, storm water conveyance systems, utility vaults and conduits, wetlands, waterways, public roads, or off site?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will control, containment, decontamination, and/or clean up require the assistance of federal, state, county, or municipal response elements?	<input type="checkbox"/>	<input type="checkbox"/>
8. Was the release or threatened release involving an unknown material or contains an unknown hazardous constituent?	<input type="checkbox"/>	<input type="checkbox"/>
9. Is the incident a threatened release (a condition creating a substantial probability of harm that requires immediate action to prevent, reduce, or mitigate damages to persons, property, or the environment)?	<input type="checkbox"/>	<input type="checkbox"/>
10. Is there an increased potential for secondary effects including fire, explosion, line rupture, equipment failure, or other outcomes that may endanger or cause exposure to employees, the general public, or the environment?	<input type="checkbox"/>	<input type="checkbox"/>

If the answer is YES to any of the above questions – report the release to the California Office of Emergency Services at 800-852-7550 and the local CUPA daytime: (619) 338-2284, after hours: (858) 565-5255. Note: other state and federal agencies may require notification depending on the circumstances.

Call 911 in an emergency

If all answers are NO, complete a Non Reportable Release Incident Form (page 2 of 2) and keep readily available. Documenting why a “no” response was made to each question will serve useful in the event questions are asked in the future, and to justify not reporting to an outside regulatory agency.

If in doubt, report the release.

¹ This document is a guide for accessing when hazardous materials release reporting is required by Chapter 6.95 of the California Health and Safety Code. It does not replace good judgment, Chapter 6.95, or other state or federal release reporting requirements.

NON REPORTABLE RELEASE INCIDENT FORM

1. RELEASE AND RESPONSE DESCRIPTION

Incident # _____

Date/Time Discovered	Date/Time Discharge	Discharge Stopped <input type="checkbox"/> Yes <input type="checkbox"/> No
Incident Date / Time:		
Incident Business / Site Name:		
Incident Address:		
Other Locators (Bldg, Room, Oil Field, Lease, Well #, GIS)		
Please describe the incident and indicate specific causes and area affected. Photos Attached?: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Indicate actions to be taken to prevent similar releases from occurring in the future.		

2. ADMINISTRATIVE INFORMATION

Supervisor in charge at time of incident:	Phone:
Contact Person:	Phone:

3. CHEMICAL INFORMATION

Chemical	Quantity <input type="checkbox"/> GAL <input type="checkbox"/> LBS <input type="checkbox"/> FT ³
Chemical	Quantity <input type="checkbox"/> GAL <input type="checkbox"/> LBS <input type="checkbox"/> FT ³
Chemical	Quantity <input type="checkbox"/> GAL <input type="checkbox"/> LBS <input type="checkbox"/> FT ³
Clean-Up Procedures & Timeline:	
Completed By:	Phone:
Print Name:	Title:

EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM

A	BUSINESS NAME	FACILITY EMERGENCY CONTACT & PHONE NUMBER () -	
B	INCIDENT DATE MO DAY YR	TIME OES NOTIFIED (use 24 hr time)	OES CONTROL NO.
C	INCIDENT ADDRESS LOCATION	CITY / COMMUNITY	COUNTY ZIP
D	CHEMICAL OR TRADE NAME (print or type)	CAS Number	
E	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A <input type="checkbox"/>	CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C. Section 9603 (a) <input type="checkbox"/>	
F	PHYSICAL STATE CONTAINED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	PHYSICAL STATE RELEASED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	QUANTITY RELEASED
G	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER	TIME OF RELEASE	DURATION OF RELEASE — DAYS — HOURS — MINUTES
H	ACTIONS TAKEN		
I	KNOWN OR ANTICIPATED HEALTH EFFECTS (Use the comments section for addition information) <input type="checkbox"/> ACUTE OR IMMEDIATE (explain) _____ <input type="checkbox"/> CHRONIC OR DELAYED (explain) _____ <input type="checkbox"/> NOTKNOWN (explain) _____		
J	ADVICE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS		
K	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)		
L	CERTIFICATION: I certify under penalty of law that I have personally examined and I am familiar with the information submitted and believe the submitted information is true, accurate, and complete. REPORTING FACILITY REPRESENTATIVE (print or type) _____ SIGNATURE OF REPORTING FACILITY REPRESENTATIVE _____ DATE: _____		

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS

GENERAL INFORMATION:

Chapter 6.95 of Division 20 of the California Health and Safety Code requires that written emergency release follow-up notices prepared pursuant to 42 U.S.C. § 11004, be submitted using this reporting form. Non-permitted releases of reportable quantities of Extremely Hazardous Substances (listed in 40 CFR 355, appendix A) or of chemicals that require release reporting under section 103(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 [42 U.S.C. § 9603(a)] must be reported on the form, as soon as practicable, but no later than 30 days, following a release. The written follow-up report is required in addition to the verbal notification.

BASIC INSTRUCTIONS:

- The form, when filled out, reports follow-up information required by 42 U.S.C § 11004. Ensure that all information requested by the form is provided as completely as possible.
- If the incident involves reportable releases of more than one chemical, prepare one report form for each chemical released.
- If the incident involves a series of separate releases of chemical(s) at different times, the releases should be reported on separate reporting forms.

SPECIFIC INSTRUCTIONS:

Block A: Enter the name of the business and the name and phone number of a contact person who can provide detailed facility information concerning the release.

Block B: Enter the date of the incident and the time that verbal notification was made to OES. The OES control number is provided to the caller by OES at the time verbal notification is made. Enter this control number in the space provided.

Block C: Provide information pertaining to the location where the release occurred. Include the street address, the city or community, the county and the zip code.

Block D: Provide information concerning the specific chemical that was released. Include the chemical or trade name and the Chemical Abstract Service (CAS) number. Check all categories that apply. Provide best available information on quantity, time and duration of the release.

Block E: Indicate all actions taken to respond to and contain the release as specified in 42 U.S.C. § 11004(c).

Block F: Check the categories that apply to the health effects that occurred or could result from the release. Provide an explanation or description of the effects in the space provided. Use Block H for additional comments/information if necessary to meet requirements specified in 42 U.S.C. § 11004(c).

Block G: Include information on the type of medical attention required for exposure to the chemical released. Indicate when and how this information was made available to individuals exposed and to medical personnel, if appropriate for the incident, as specified in 42 U.S.C. § 11004(c).

Block H: List any additional pertinent information.

Block I: Print or type the name of the facility representative submitting the report. Include the official signature and the date that the form was prepared.

MAIL THE COMPLETED REPORT TO:

**State Emergency Response Commission (SERC)
Attn: Section 304 Reports
Hazardous Materials Unit
3650 Schriever Avenue
Mather, CA 95655**

NOTE: Authority cited: Sections 25503, 25503.1 and 25507.1, Health and Safety Code. Reference: Sections 25503(b)(4), 25503.1, 25507.1, 25518 and 25520, Health and Safety Code.

APPENDIX I
SAMPLE OF PUBLIC NOTICE



CONSTRUCTION NOTICE

PROJECT TITLE

Work on your street will begin within one week to replace the existing water mains servicing your community.

The work will consist of:

- Saw-cutting and trench work on Ingulf Street from Morena Boulevard to Galveston Street to install new water mains, water laterals and fire hydrants.
- Streets where trenching takes place will be resurfaced and curb ramps will be upgraded to facilitate access for persons with disabilities where required.
- This work is anticipated to be complete in your community by December 2016.

How your neighborhood may be impacted:

- Water service to some properties during construction will be provided by a two-inch highline pipe that will run along the curb. To report a highline leak call 619-515-3525.
- Temporary water service disruptions are planned. If planned disruptions impact your property, you will receive advance notice.
- Parking restrictions will exist because of the presence of construction equipment and materials.
- "No Parking" signs will be displayed 72 hours in advance of the work.
- Cars parked in violation of signs will be TOWED.

Hours and Days of Operation:

Monday through Friday X:XX AM to X:XX PM.

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX



CONSTRUCTION NOTICE

PROJECT TITLE

Work on your street will begin within one week to replace the existing water mains servicing your community.

The work will consist of:

- Saw-cutting and trench work on Ingulf Street from Morena Boulevard to Galveston Street to install new water mains, water laterals and fire hydrants.
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- Parking restrictions will exist because of the presence of construction equipment and materials.
- "No Parking" signs will be displayed 72 hours in advance of the work.
- Cars parked in violation of signs will be TOWED.

Hours and Days of Operation:

Monday through Friday X:XX AM to X:XX PM.

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX

APPENDIX J

ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

Protecting AMI Devices in Meter Boxes and on Street Lights

The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water. **All AMI devices shall be protected per Section 402-2, "Protection", of the 2021 Whitebook.**

AMI technology allows water meters to be read electronically rather than through direct visual inspection by PUD field staff. This will assist PUD staff and customers in managing unusual consumption patterns which could indicate leaks or meter tampering on a customer's property.

Three of the main components of an AMI system are the:

- A. Endpoints, see Photo 1:

Photo 1

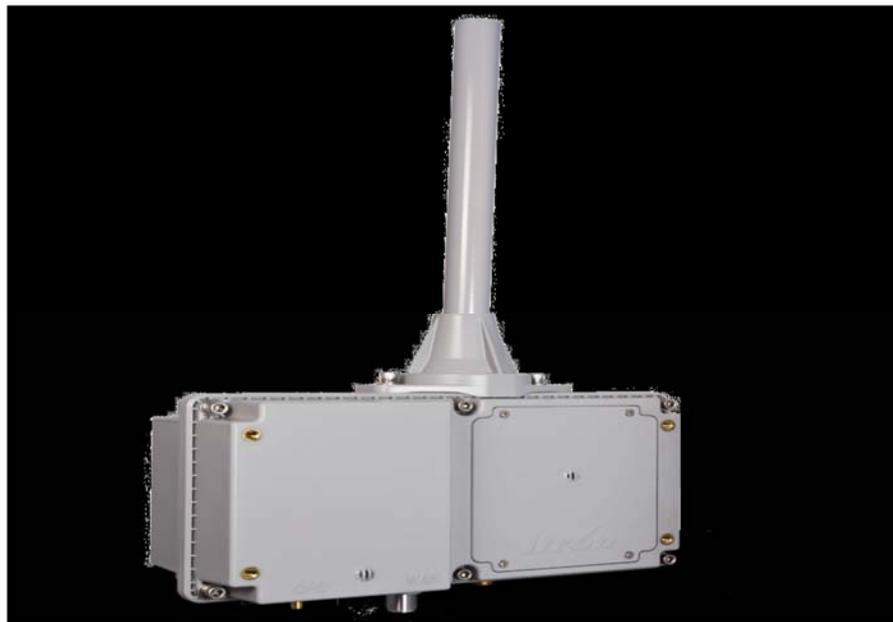


B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:



Network Devices, see Photo 3:

Photo 3



AMI endpoints transmit meter information to the AMI system and will soon be on the vast majority of meters in San Diego. These AMI devices provide interval consumption data to the PUD's Customer Support Division. If these devices are damaged or communication is interrupted, this Division will be alerted of the situation. The endpoints are installed in water meter boxes, coffins, and vaults adjacent to the meter. A separate flat round antenna may also be installed through the meter box lid. This antenna is connected to the endpoint via cable. The following proper installation shall be implemented when removing the lid to avoid damaging the antenna, cable, and/or endpoint. Photo 4 below demonstrates a diagram of the connection:

Photo 4



The AMI device ERT/Endpoint/Transmitter shall be positioned and installed as discussed in this Appendix. If the ERT/Endpoint/Transmitter is disturbed, it shall be re-installed and returned to its original installation with the end points pointed upwards as shown below in Photo 5.

The PUD's code compliance staff will issue citations and invoices to you for any damaged AMI devices that are not re-installed as discussed in the Contract Document

Photo 5 below shows a typical installation of an AMI endpoint on a water meter.

Photo 5

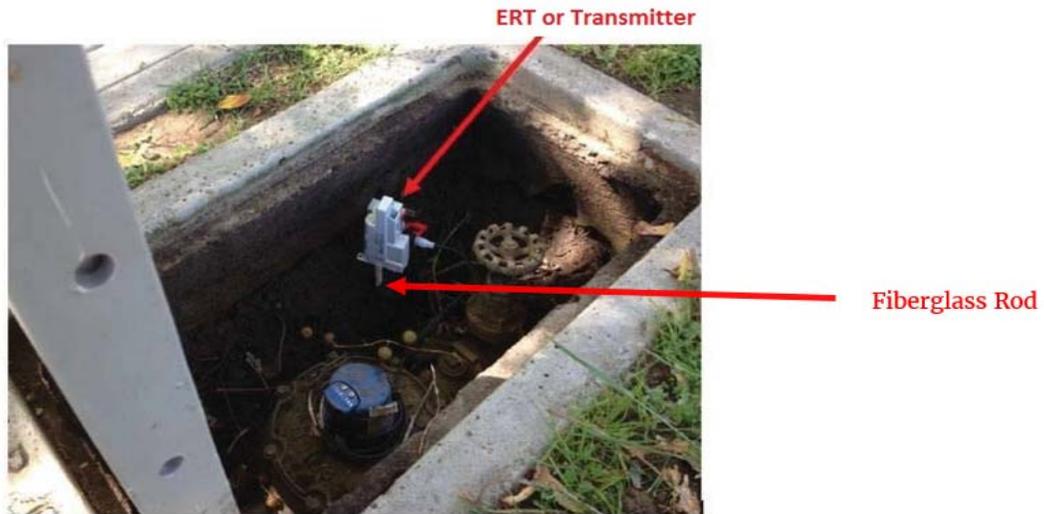


Photo 6 below is an example of disturbance that shall be avoided:

Photo 6



You are responsible when working in and around meter boxes. If you encounter these endpoints, use proper care and do not disconnect them from the registers on top of the water meter. If the lid has an antenna drilled through, do not change or tamper with the lid and inform the Resident Engineer immediately about the location of that lid. Refer to Photo 7 below:

Photo 7



Another component of the AMI system are the Network Devices. The Network Devices are strategically placed units (mainly on street light poles) that collect interval meter reading data from multiple meters for transmission to the Department Control Computer. **If you come across any of these devices on street lights that will be removed or replaced (refer to Photos 8 and 9 below), notify Elvira Santiesteban, Compliance & Metering Manager 619-380-3804 and Kevin Wilson, Senior Water Utility Supervisor 619-857-8257 immediately.**

Photo 8 shows an installed network device on a street light. On the back of each Network Device is a sticker with contact information. See Photo 9. **Call PUD Water Emergency Repairs at 619-515-3525 if your work will impact these street lights.** These are assets that belong to the City of San Diego and you shall be responsible for any costs of disruption of this network.

Photo 8



Network Device

Photo 9



If you encounter any bad installations, disconnected/broken/buried endpoints, or inadvertently damage any AMI devices or cables, notify the Resident Engineer immediately. The Resident Engineer will then immediately contact Elvira Santiesteban, Compliance & Metering Manager 619-380-3804 and Kevin Wilson, Senior Water Utility Supervisor 619-857-8257.

Rev. 9.11.2023

ATTACHMENT F

**IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION)
COMPLIANCE (CARB)**

ATTACHMENT F

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

The California Air Resources Board (CARB) approved amendments to the Off-Road Regulations which can be found at 13 California Code of Regulations (CCR) sections 2449, 2449.1, and 2449.2. These amendments apply to any person, business, or government agency who owns or operates within California any vehicles with a diesel-fueled or alternative diesel fueled off-road compression-ignition engine with maximum power (max hp) of 25 horsepower (hp) or greater provided that the vehicle cannot be registered and driven safely on-road or was not designed to be driven on-road, even if it has been modified so that it can be driven safely on-road. See 13 CCR section 2449 (b) for the full list of vehicles covered by these Off-Road Regulations.

Beginning **January 1, 2024**, Contractor shall be subject to the requirements below. No Contractor or public works awarding body, as applicable, shall enter into a contract with a fleet for which it does not have a valid Certificate of Reported Compliance for the fleet and its listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet. Contractor shall comply with the following requirements:

- (1) For a project involving the use of vehicles subject to the Off-Road Regulation, Contractor must obtain copies of the valid Certificates of Reported Compliance, as described in 13 CCR section 2449(n), for the fleet selected for this Contract and their listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet and provide copies of such Certificates of Reported Compliance to the City within 10 days of issuance of the Notice of Intent to Award letter. Contractor shall enter into a contract with a fleet for which it does not have a valid Certificates of Reported Compliance for the fleet and its listed subcontractors. City shall not enter into a contract with Contractor until all current Certificates of Reported Compliance for the fleet to be used on this Project are provided by Contractor.
- (2) The Certificates of Reported Compliance received by Contractor for this Project must be retained by Contractor for three years after the Project's completion. Upon request by CARB, these records must be provided to CARB within five business days of the request. Additionally, upon request by City, these records must be produced to City within five business days of the request.
- (3) For emergency contracts that meet the definition of "emergency operations" as defined in 13 CCR section 2449(c)(18), they are exempt from the requirements in 13 CCR section 2449(i)(1)-(3) and sections (1) and (2) above, but must still retain records verifying vehicles subject to the regulation that are operating on the "emergency operations" project are actually being operated on the project for "emergency operations" only. These records, as described in more detail below in section (B) must be retained by Contractor for three years after completion of the Project and upon request from either CARB or the City, Contractor shall provide those records to the requesting party within five business days. All other emergency contracts that do not meet the definition of "emergency operations" must comply with the requirements above and 13 CCR section 2449(i)(1) – (3).

- A. "Emergency Operations" is defined as:
1. Any activity for a project conducted during emergency, life threatening situations, where a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or an essential public service; or in conjunction with any officially declared disaster or state of emergency, as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized health officer;
 2. Any activity for a project conducted by essential service utilities to provide electricity, natural gas, telephone, water, or sewer during periods of service outages and emergency; or
 3. Operations including repairing or preventing damage to roads, buildings, terrain, and infrastructure as a result of an earthquake, flood, storm, fire, other infrequent act of nature, or terrorism. Routine maintenance or construction to prevent public health risks does not constitute emergency operations under the Off-Road Regulations.
- B. The records retained by Contractor for "emergency operations" projects must include:
1. A description of the emergency;
 2. The address or a description of the specific location of the emergency;
 3. The dates on which the emergency operations were performed; and
 4. An attestation by the fleet that the vehicles are operated on the Project for "emergency operations" only.

Beginning **January 1, 2024**, Contractor is also subject to the requirements described in 13 CCR section 2449(j).

- (1) Between March 1 and June 1 of each year, Contractor must collect new valid Certificates of Reported Compliance for the current compliance year, as defined in 13 CCR section 2449(n), from all fleets that have an ongoing contract with Contractor as of March 1 of that year. Contractors shall not write contracts to evade this requirement.
- (2) Contractor shall only allow fleets with valid Certificates of Reported Compliance on the Contractor's job sites.
- (3) If Contractor discovers that any fleet intending to operate vehicles subject to this regulation for Contractor does not have a valid Certificate of Reported Compliance, as defined in 13 CCR section 2449(n), or if Contractor observes any noncompliant vehicles subject to the regulation on Contractor's job site, then Contractor must report the that to CARB at <https://calepacomplaints.secure.force.com/complaints/Complaint>, or email dieselcomplaints@arb.ca.gov, for each fleet without a valid Certificate of Reported Compliance or each noncompliant vehicle,

as applicable, within five business days of such discovery. See 13 CCR 2449(n) for the information required to be disclosed to CARB when reporting non-compliance.

(4) Upon request by CARB, Contractor must immediately disclose to CARB the name and contact information of each responsible party for all vehicles subject to this regulation operating at the job site or for Contractor.

(5) Contractor shall prominently display signage for any project where vehicles subject to this Off-Road Regulation will operate for 8 calendar days or more. The signage must be posted by the eighth calendar day from which the first vehicle operates. The signage will be in lettering larger than size 14-point type and displayed in a conspicuous place where notices to employees are customarily posted at the job site or where there is employee foot traffic. If one of the above locations is also viewable by the public, it should be posted at that location. An exemption to this posting requirement is permitted if the operational time of a project is 7 calendar days or less. The signage must include the following language, verbatim:

(A) Who does the In-Use Off-Road Regulation Apply to?

The In-Use Off-Road Diesel-Fueled Fleets Regulation (Off-Road Regulation) applies to all self-propelled off-road diesel vehicles 25 horsepower or greater and most two-engine vehicles (except on-road two-engine sweepers) owned or operated in California. This includes vehicles that are rented or leased (rental or leased fleets)."

(B) "In-Use Off-Road Regulation Requirements

Idling Limit: Vehicles cannot idle longer than five minutes. There are exceptions for vehicles that need to idle to perform work.

Labeling: Vehicles must be labeled with a CARB assigned equipment identification number (EIN). The EIN shall be white on a red background, unless the vehicle is part of a captive attainment area fleet, in which case the EIN shall be white on a green background.

The EIN shall be located in clear view on both sides of the outside of the vehicle."

ATTACHMENT G
CONTRACT AGREEMENT

ATTACHMENT G
CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This Phase-Funded contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **TC Construction Company, Inc.**, herein called "Contractor" for construction of **Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe**; Bid No. **K-24-2267-DBB-3**; in the total amount of Fourteen Million Fifty Six Thousand One Hundred Fifty-Two Dollars and Zero Cents (\$14,056,152.00), which is comprised of the Base Bid plus Alternate A, Deductive Alternate B, Alternate C, Alternate D and Alternate E, consisting of an amount not to exceed \$2,400,000.00 for Phase 1, \$7,793,999.00 for Phase 2 and \$3,862,153.00 for Phase 3.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Instruction to Bidders and the Supplementary Special Provisions (SSP).
 - (d) Phased Funding Schedule Agreement.
 - (e) That certain documents entitled **Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe**, on file in the office of the City Clerk as Document No. **B-19194, B-15030**, as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe**, Bid Number **K-24-2267-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances. (See WHITEBOOK, Section 7-3.10, Phased Funding Compensation).
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement and is approved by the City Attorney in accordance with San Diego Charter Section 40.

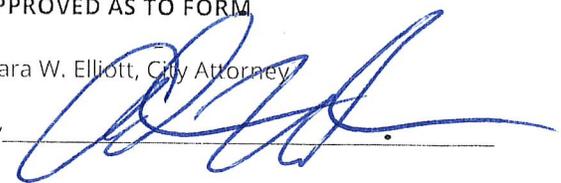
CONTRACT AGREEMENT (continued)

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code §22.3102 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 

Mara W. Elliott, City Attorney
By 

Print Name: Claudia C. Abarca
Director
Purchasing & Contracting Department

Print Name: ADAM WATSON
Deputy City Attorney

Date: May 30, 2024

Date: 6/4/24

CONTRACTOR

By 

Print Name: Austin Cameron

Title: president

Date: 4/29/24

City of San Diego License No.: B198700473

State Contractor's License No.: 402459

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000003132

CERTIFICATIONS AND FORMS

The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certifications, forms and affidavits submitted as part of this bid are true and correct.

BIDDER'S GENERAL INFORMATION

To the City of San Diego:

Pursuant to "Notice Inviting Bids", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The undersigned bidder(s) further warrants that bidder(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its bid proposal, bidder(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

**NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID UNDER 23
UNITED STATES CODE 112 AND PUBLIC CONTRACT CODE 7106**

State of California

County of San Diego

The bidder, being first duly sworn, deposes and says that he or she is authorized by the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 5-1.3, "Drug-Free Workplace", of the project specifications, and that;

This company has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

CONTRACTOR CERTIFICATION

AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the Americans With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 5-1.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act". of the project specifications, and that:

This company has in place workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

I declare under penalty of perjury that I am authorized to make this certification on behalf of the company submitting this bid/proposal, that as Contractor, I am familiar with the requirements of City of San Diego Municipal Code § 22.3004 regarding Contractor Standards as outlined in the WHITEBOOK, Section 5-1.4, ("Contractor Standards and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

CONTRACTOR CERTIFICATION

EQUAL BENEFITS ORDINANCE CERTIFICATION

I declare under penalty of perjury that I am familiar with the requirements of and in compliance with the City of San Diego Municipal Code § 22.4300 regarding Equal Benefits Ordinance.

CONTRACTOR CERTIFICATION

EQUAL PAY ORDINANCE CERTIFICATION

Contractor shall comply with the Equal Pay Ordinance (EPO) codified in the San Diego Municipal Code (SDMC) at section 22.4801 through 22.4809, unless compliance is not required based on an exception listed in SDMC section 22.4804.

Contractor shall require all of its subcontractors to certify compliance with the EPO in their written subcontracts.

Contractor must post a notice informing its employees of their rights under the EPO in the workplace or job site.

By signing this Contract with the City of San Diego, Contractor acknowledges the EPO requirements and pledges ongoing compliance with the requirements of SDMC Division 48, section 22.4801 et seq., throughout the duration of this Contract.

CONTRACTOR CERTIFICATION

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

I hereby certify that Contractor is familiar with the requirements 13 CCR 2449, 2449.1, and 2449.2, as well as Attachment F, In-Use Off-Road Diesel Fueled Fleet Regulation (Off-Road Regulation) Compliance (CARB), and that Contractor shall comply with these requirements.

I further certify that each of the Contractor's listed subcontractors is familiar with these requirements and shall also comply.

CONTRACTOR CERTIFICATION

PRODUCT ENDORSEMENT

I declare under penalty of perjury that I acknowledge and agree to comply with the provisions of City of San Diego Administrative Regulation 95.65, concerning product endorsement. Any advertisement identifying or referring to the City as the user of a product or service requires the prior written approval of the City.

AFFIDAVIT OF DISPOSAL

(To be submitted upon completion of Construction pursuant to the contracts Certificate of Completion)

WHEREAS, on the _____ DAY OF _____, 2____ the undersigned entered into and executed a contract with the City of San Diego, a municipal corporation, for:

Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe

(Project Title)

as particularly described in said contract and identified as Bid No. **K-24-2267-DBB-3**; SAP No. (WBS) **B-19194, B-15030**; and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

NOW, THEREFORE, in consideration of the final payment by the City of San Diego to said Contractor under the terms of said contract, the undersigned Contractor, does hereby affirm that all surplus materials as described in said contract have been disposed of at the following location(s)

and that they have been disposed of according to all applicable laws and regulations.

Dated this _____ DAY OF _____, _____.

By: _____
Contractor

ATTEST:

State of _____ County of _____

On this _____ DAY OF _____, 2____, before the undersigned, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared _____ known to me to be the _____ Contractor named in the foregoing Release, and whose name is subscribed thereto, and acknowledged to me that said Contractor executed the said Release.

Notary Public in and for said County and State

LIST OF SUBCONTRACTORS

***** PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY *** TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY*** SEE INSTRUCTIONS TO BIDDERS, FOR FURTHER INFORMATION**

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the California Public Contract Code (PCC), the Bidder is to list below the name, address and license number of each Subcontractor who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement, in an amount of or in excess of 0.5% of the Contractor's total Bid. Failure to comply with this requirement may result in the Bid being rejected as non-responsive. The Contractor is to list only one Subcontractor for each portion of the Work. The Bidder's attention is directed to the Special Provisions – General; Paragraph 2-3 Subcontracts, which stipulates the percentage of the Work to be performed with the Bidder's own forces. The Bidder is to also list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which the Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®	CHECK IF JOINT VENTURE PARTNERSHIP
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

- ① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- ② As appropriate, Bidder shall indicate if Subcontractor is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | | |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

***** PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY *** TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY *** SEE INSTRUCTIONS TO BIDDERS FOR FURTHER INFORMATION**

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

- ① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |

- ② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | | |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

ELECTRONICALLY SUBMITTED FORMS

FAILURE TO FULLY COMPLETE AND SUBMIT ANY OF THE FOLLOWING FORMS WILL DEEM YOUR BID NON-RESPONSIVE.

PLANETBIDS WILL NOT ALLOW FOR BID SUBMISSIONS WITHOUT THE ATTACHMENT OF THESE FORMS

The following forms are to be completed by the bidder and submitted (uploaded) electronically with the bid in PlanetBids.

- A. BID BOND – See Instructions to Bidders, Bidders Guarantee of Good Faith (Bid Security) for further instructions**
- B. CONTRACTOR’S CERTIFICATION OF PENDING ACTIONS**
- C. SUBCONTRACTOR LISTING FOR ALTERNATE ITEMS**
- D. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTOR**
- F. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

BID BOND

**See Instructions to Bidders, Bidder Guarantee of Good Faith
(Bid Security)**

KNOW ALL MEN BY THESE PRESENTS,

That TC Construction Company, Inc. as Principal,
and Liberty Mutual Insurance Company as Surety, are held
and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum
of **10% OF THE TOTAL BID AMOUNT** for the payment of which sum, well and truly to be made, we
bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally,
firmly by these presents.

WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under
the bidding schedule(s) of the OWNER's Contract Documents entitled

Redwood Village Rolando Park Improv 2 & Redwood Village Standpipe K-24-2267-DBB-3

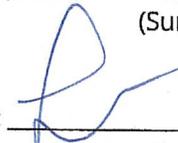
NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in
the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of
agreement bound with said Contract Documents, furnishes the required certificates of insurance, and
furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and
void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by
said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit,
including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 5th day of March, 2024

TC Construction Company, Inc. (SEAL)
(Principal)

Liberty Mutual Insurance Company (SEAL)
(Surety)

By: 
(Signature)
Austin Cameron, President

By: 
(Signature)
Lawrence F. McMahon, Attorney-in-Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

ACKNOWLEDGMENT

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

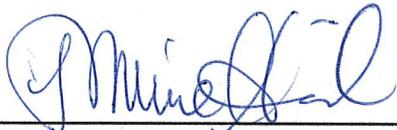
State of California
County of San Diego)

On March 5, 2024 before me, Minna Huovila, Notary Public
(insert name and title of the officer)

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

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

WITNESS my hand and official seal.

Signature 

(Seal)





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

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

Certificate No: 8206895-024019

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Christopher Conte; Dale G. Harshaw; Geoffrey Shelton; Janice Martin; John R. Qualin; Lawrence F. McMahon; Lilia De Loera; Minna Huovila; Natassia Kirk-Smith; Ryan Warnock; Sarah Myers; Tara Bacon

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

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 8th day of December, 2021.



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

By: David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 8th day of December, 2021 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



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

By: Teresa Pastella, Notary Public

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

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

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

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 5th day of March, 2024.



By: Renee C. Llewellyn, Assistant Secretary

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

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

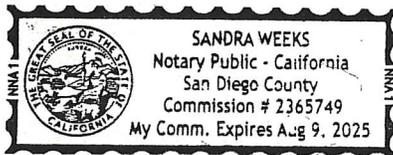
State of California

County of San Diego

On March 7, 2024 before me, Sandra Weeks, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Austin Cameron
Name(s) of Signer(s)

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



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

WITNESS my hand and official seal.

Signature Sandra Weeks
Signature of Notary Public

Place Notary Seal and/or Stamp Above

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Bid Bond

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Corporate Officer – Title(s): _____
- Partner – Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other: _____

Signer is Representing: _____

Signer's Name: _____

- Corporate Officer – Title(s): _____
- Partner – Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other: _____

Signer is Representing: _____

CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: TC Construction Company, Inc.

Certified By Austin Cameron Title President
Name

Signature Date 3-11-24

USE ADDITIONAL FORMS AS NECESSARY

SUBCONTRACTORS FOR ALTERNATES

*** FOR USE WHEN LISTING SUBCONTRACTORS FOR ALTERNATES ONLY ***
 (Use Additional Sheets As Needed)

IDENTIFY ALTERNATE <small>(example: Deductive Alternate B) Only one Alternate and Sub per line</small>	SUBCONTRACTOR NAME, LOCATION, PHONE & EMAIL	SUBCONTRACTOR'S CA LICENSE NUMBER	SUBCONTRACTOR'S DIR REGISTRATION NUMBER	IS SUBCONTRACTOR CONSTRUCTOR, DESIGNER, OR SUPPLIER	TYPE OF WORK	DOLLAR VALUE OF THE ALTERNATE SUBCONTRACT <small>(Negative if Deductive)</small>
Additive Alternate "C"	Name: <u>Pavement Recycling Systems</u> Address: <u>10240 San Sevaine Way</u> City: <u>Jurupa</u> State: <u>CA</u> Zip: <u>91752</u> Phone: <u>915-682-1091</u> Email: <u>aschatz@pavmentrecycling.com</u>	569352	1000003363	Constructor	Cold Milling Bid Item #86	\$139,279.80
Additive Alternate "E"	Name: <u>Pavement Recycling Systems</u> Address: <u>10240 San Sevaine Way</u> City: <u>Jurupa</u> State: <u>CA</u> Zip: <u>91752</u> Phone: <u>915-682-1091</u> Email: <u>aschatz@pavmentrecycling.com</u>	569352	1000003363	Constructor	Cold Milling Bid Item #95	\$17,380.00
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____					
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____					

**SUBCONTRACTORS FOR ALTERNATE ITEMS ARE NOT CONSIDERED IN THE CALCULATION TOWARD ACHIEVING
 SLBE/ELBE PARTICIPATION GOALS**

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
TC Construction Company, Inc.		N/A	
Street Address	City	State	Zip
10540 Prospect Ave	Santee	CA	92071
Contact Person, Title		Phone	Fax
Austin Cameron, President		619-448-4560	619-448-3341

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103).

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction, the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City,
- or directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
Austin Cameron	President
City and State of Residence	Employer (if different than Bidder/Proposer)
El Cajon, CA	N/A
Interest in the transaction	
40%	

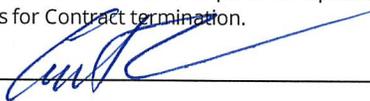
Name	Title/Position
Terry Cameron	CEO
City and State of Residence	Employer (if different than Bidder/Proposer)
El Cajon, CA	N/A
Interest in the transaction	
10%	

* Use Additional Pages if Necessary *

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for Contract termination.

Austin Cameron, President

Print Name, Title



Signature

3-11-24

Date

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
TC Construction Company, Inc.		N/A	
Street Address	City	State	Zip
10540 Prospect Ave	Santee	CA	92071
Contact Person, Title		Phone	Fax
Austin Cameron, President		619-448-4560	619-448-3341

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103).

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction, the value of any financial interest in the transaction,
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- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City,
- or directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
Chad Cameron	Vice President
City and State of Residence	Employer (if different than Bidder/Proposer)
El Cajon, CA	N/A
Interest in the transaction	
20%	

Name	Title/Position
Jack Gieffels	Secretary/Treasurer
City and State of Residence	Employer (if different than Bidder/Proposer)
El Cajon, CA	N/A
Interest in the transaction	
10%	

* Use Additional Pages if Necessary *

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for Contract termination.

Austin Cameron, President

3-11-24

Print Name, Title

Signature

Date

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
TC Construction Company, Inc.		N/A	
Street Address	City	State	Zip
10540 Prospect Ave	Santee	CA	92071
Contact Person, Title		Phone	Fax
Austin Cameron, President		619-448-4560	619-448-3341

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- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction, the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City, or directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
Robert Kostyrka	Vice President
City and State of Residence	Employer (if different than Bidder/Proposer)
El Cajon, CA	N/A
Interest in the transaction	
10%	

Name	Title/Position
Darren Tharp	Vice President
City and State of Residence	Employer (if different than Bidder/Proposer)
El Cajon, CA	N/A
Interest in the transaction	
10%	

* Use Additional Pages if Necessary *

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for Contract termination.

Austin Cameron, President

3-11-24

Print Name, Title

Signature

Date

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.

**DEBARMENT AND SUSPENSION CERTIFICATION
PRIME CONTRACTOR
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE**

EFFECT OF DEBARMENT OR SUSPENSION
To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible- bidders and contractors. In accordance with San Diego Municipal Code §22.0814 (a): <i>Bidders</i> and <i>contractors</i> who have been <i>debarred</i> or <i>suspended</i> are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving <i>contract</i> awards, executing <i>contracts</i> , participating as a <i>subcontractor</i> , employee, agent or representative of another <i>person</i> contracting with the City.

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s).

The names of all persons interested in the foregoing proposal as Principals are as follows:

Chad Cameron-Vice President

Robert Kostyrka-Vice President

NAME	TITLE
Austin Cameron	President
Jack Gieffels	Secretary/Treasurer
Darren Tharp	Vice President
Terry Cameron	CEO

IMPORTANT NOTICE: If Bidder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Bidder or other interested person is an individual, state first and last names in full.

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, officer, manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State or local agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State or local agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Contractor Name: _____ TC Construction Company, Inc. _____

Certified By _____ Austin Cameron _____ Title _____ President _____


 _____ Date _____ 3-11-24 _____
Name

Signature

NOTE: Providing false information may result in criminal prosecution or administrative sanctions.

**DEBARMENT AND SUSPENSION CERTIFICATION
 SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
 TO BE COMPLETED BY BIDDER
 FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE**

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer:**

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Pavement Recycling Systems	Steve Concannon - President Nathan Beyler - Treasurer

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Southwest Traffic Signal	Ryan Clark President & General Manager

SUBCONTRACTOR SUPPLIER MANUFACTURER

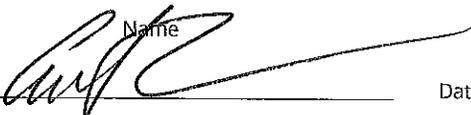
NAME	TITLE
TWO RIVERS Strategies	Deema Boccia - Principal

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: TC Construction Company, Inc.

Certified By Austin Cameron Title President


 Name _____
 Date 3-11-24
 Signature _____

USE ADDITIONAL FORMS AS NECESSARY*

**DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE**

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer:**

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Piperin Corp	Craig Barry - President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: TC Construction Company, Inc.

Certified By Austin Cameron Title President


 _____ Date 3-11-24
 Signature

USE ADDITIONAL FORMS AS NECESSARY*

**DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE**

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer:**

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Statewide Stripes	David Brillante - President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

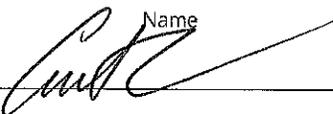
NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: TC Construction Company, Inc.

Certified By Austin Cameron Title President


 Name _____ Date 3-11-24
 Signature

USE ADDITIONAL FORMS AS NECESSARY*

**DEBARMENT AND SUSPENSION CERTIFICATION
 SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
 TO BE COMPLETED BY BIDDER
 FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE**

Names of the Principal individual owner(s)

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Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer:**

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
RECONSTRUCTION dba HR Concrete	Rafael Teran - President
	Adrian Molina - Secretary

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

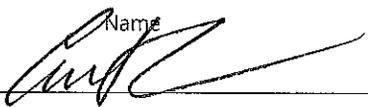
NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: TC Construction Company, Inc.

Certified By Austin Cameron Title President


 Signature _____ Date 3-11-24

USE ADDITIONAL FORMS AS NECESSARY*

City of San Diego

CITY CONTACT: Rosa I. Riego, Senior Contract Specialist, Email: RRiego@sandiego.gov
Phone No. (619) 533-3426

ADDENDUM A



FOR

REDWOOD VILLAGE ROLANDO PARK IMPROV 2 & REDWOOD VILLAGE STANDPIPE

BID NO.: K-24-2267-DBB-3
SAP NO. (WBS/IO/CC): B-19194, B-15030
CLIENT DEPARTMENT: 2000
COUNCIL DISTRICT: 9
PROJECT TYPE: KB

BID DUE DATE:

**2:00 PM
MARCH 11, 2024**

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

<http://www.sandiego.gov/cip/bidopps/>

ENGINEER OF WORK

The Engineering Specifications and Special Provisions contained herein have been prepared by or under the direction of the following Registered Engineer:



For City Engineer

2/28/2024
Date

Seal:



A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the Contract Documents are hereby made effective as though originally issued with the bid package. Bidders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. NOTICE INVITING BIDS

1. To **Section 3, Estimated Construction Cost**, page 6, **DELETE** in its entirety and **SUBSTITUTE** with the following:
 3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is: **\$10,900,000**.

C. SUPPLEMENTARY SPECIAL PROVISIONS

1. To Attachment E, **SECTION 3 – CONTROL OF THE WORK**, page 54, **ADD** the following:
 - 3-11.2 Project Identification Signs.** To the "WHITEBOOK", item 1, **DELETE** in its entirety and **SUBSTITUTE** with the following:
 1. The Contractor shall provide project identification signs by the start date of mobilization of construction. The City shall provide approved design template(s) after the Pre-Construction Meeting and before the mobilization of construction and the signs shall be printed per design template(s). The signs shall be 24 inch by 36 inch in dimension, printed per design template(s), in colors, metallic in material, and rust resistant.
 - 3-11.4 Payment.** To the "WHITEBOOK", **DELETE** in its entirety and **SUBSTITUTE** with the following:
 1. The payment for temporary signs shall be included in the Bid item for "**Project Identification Sign (24" x 36")**".

D. ADDITIONAL CHANGES

- The following are additional changes to the Line Items in the PlanetBids Tab:

For clarity where applicable, **ADDITIONS**, if any, have been **Underlined** and **DELETIONS**, if any, have been **~~Stricken out.~~**

Section	Item Code	Description	UoM	Quantity	Payment Reference
Main Bid (B-19194 Redwood Village Rolando Park Improv)	237310	Curb Ramp (Type C-1, Modified) with Stainless Steel Detectable Warning Tiles	EA	2	303-5.10.2
Main Bid (B-19194 Redwood Village Rolando Park Improv)	237310	Curb Ramp (Type C-1) with Stainless Steel Detectable Warning Tiles	EA	2 8	303-5.10.2
Main Bid (B-19194 Redwood Village Rolando Park Improv)	237110	Water Main (8 Inch)	LF	9730 <u>9785</u>	306-15.1
<u>Main Bid (B-19194 Redwood Village Rolando Park Improv)</u>	<u>237110</u>	<u>Water Main (12 Inch)</u>	<u>LF</u>	<u>50</u>	<u>306-15.1</u>

Section	Item Code	Description	UoM	Quantity	Payment Reference
<u>Main Bid</u> <u>(B-19194</u> <u>Redwood</u> <u>Village</u> <u>Rolando</u> <u>Park</u> <u>Improv)</u>	<u>238990</u>	<u>Project</u> <u>Identification Sign</u> <u>(24" x 36")</u>	<u>EA</u>	<u>3</u>	<u>3-11.4</u>
<u>Main Bid</u> <u>(B-19194</u> <u>Redwood</u> <u>Village</u> <u>Rolando</u> <u>Park</u> <u>Improv)</u>	<u>237310</u>	<u>Curb Ramp (Type B)</u> <u>with Stainless Steel</u> <u>Detectable Warning</u> <u>Tiles</u>	<u>EA</u>	<u>1</u>	<u>303-5.10.2</u>
<u>Main Bid</u> <u>(B-19194</u> <u>Redwood</u> <u>Village</u> <u>Rolando</u> <u>Park</u> <u>Improv)</u>	<u>237310</u>	<u>Curb Ramp (Type C-</u> <u>3) with Stainless</u> <u>Steel Detectable</u> <u>Warning Tiles</u>	<u>EA</u>	<u>2</u>	<u>303-5.10.2</u>
Main Bid (B-15030 Redwood Village Standpipe)	237110	Gate Valve (12 Inch)	EA	<u>4</u> <u>6</u>	306-15.5
Main Bid (B-15030 Redwood Village Standpipe)	237110	Potholing Existing Utilities Not Shown on Plans (Depth up to 7 feet)	EA	<u>7</u> <u>8</u>	402-8

Section	Item Code	Description	UoM	Quantity	Payment Reference
<u>Main Bid</u> <u>(B-15030</u> <u>Redwood</u> <u>Village</u> <u>Standpipe)</u>	<u>237110</u>	<u>Water Main (16</u> <u>Inch)</u>	<u>LF</u>	<u>45</u>	<u>306-15.1</u>
<u>Main Bid</u> <u>(B-15030</u> <u>Redwood</u> <u>Village</u> <u>Standpipe)</u>	<u>238990</u>	<u>Project</u> <u>Identification Sign</u> <u>(24" x 36")</u>	<u>EA</u>	<u>1</u>	<u>3-11.4</u>
<u>Main Bid</u> <u>(B-15030</u> <u>Redwood</u> <u>Village</u> <u>Standpipe)</u>	<u>237110</u>	<u>Gate Valve (16 Inch)</u>	<u>EA</u>	<u>1</u>	<u>306-15.5</u>
Additive Alternate A (B-19194 Redwood Village Rolando Park Improv)	237110	Cut and Plug by Contractor	EA	<u>22</u> <u>23</u>	901-2.5
<u>Additive</u> <u>Alternate D</u> <u>(B-15030</u> <u>Redwood</u> <u>Village</u> <u>Standpipe)</u>	<u>237110</u>	<u>Connections to The</u> <u>Existing System by</u> <u>Contractor (16 Inch)</u>	<u>EA</u>	<u>1</u>	<u>901-2.5</u>

E. PLANS

1. To Drawing numbers **39049-01-D** through **39049-05-D DELETE** in their entirety and **REPLACE** with pages 8 through 12 of this Addendum.

2. To Drawing numbers **42340-01-D, 42340-03-D, 42340-05-D** through **42340-09-D, 42340-11-D, 42340-15-D, 42340-18-D, 42340-20-D, 42340-24-D, 42340-31-D, 42340-33-D, 42340-34-D, 42340-36-D, 42340-37-D, 42340-41-D, 42340-45-D, 42340-46-D, 42340-49-D** through **42340-52-D**, and **42340-58-D** through **42340-60-D**, **DELETE** in their entirety and **REPLACE** with pages 13 through 39 of this Addendum.

Rania Amen, Director
Engineering & Capital Projects Department

Dated: *March 1, 2024*
San Diego, California

RA/MJN/rs

REDWOOD VILLAGE STANDPIPE MAIN REPLACEMENT

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
- NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (I.E., 69 KV & HIGHER)
- EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
- CITY FORCES, WHEN SPECIFIED OR SHOWN ON THE PLANS, WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.
- KEEP EXISTING MAINS IN SERVICE IN LIEU OF HIGH-LINING, UNLESS OTHERWISE SPECIFIED SHOWN ON PLANS.
- THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. THE CONTRACTOR SHALL POT-HOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 402-UTILITIES.
- EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.
- ALL ADVANCE METERING INFRASTRUCTURE (AM) DEVICES ATTACHED TO THE WATER METER OR LOCATED IN OR NEAR WATER METER BOXES, COFFINS, OR VALVES SHALL BE PROTECTED AT ALL TIMES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- FOR NON-METALLIC PIPELINE ALIGNMENTS, PROVIDE A HOLIDAY FREE CORROSION PREVENTATIVE COATING AND LINING ON ALL BURIED DUCTILE IRON FITTINGS INCLUDING ALL BENDS, TEES, CROSSES, FLEX COUPLINGS, FLANGE BOLTS, AND VALVES PER CONTRACT SPECIFICATIONS, IF ANY PIPELINE ALIGNMENTS ARE CHANGED FROM PVC TO METALLIC, A NEW REVIEW BY THE CORROSION SECTION IS REQUIRED.
- FOR COORDINATION OF THE SHUTDOWN OF MAINS, THE ASSIGNED CONSTRUCTION MANAGEMENT AND FIELD SERVICES SENIOR ENGINEER, AND NOT THE CONTRACTOR, SHOULD CONTACT THE FOLLOWING:
TRANSMISSION MAINS (16 INCHES AND LARGER)- WATER DISTRIBUTION OPERATIONS SUPERVISOR (619-533-4657)
DISTRIBUTION MAINS (LESS THAN 16 INCHES)- WATER SYSTEMS TECHNICIAN SUPERVISOR (619-527-3143)
WATER FACILITIES (POTABLE WATER RESERVOIRS, PUMP STATIONS, PRESSURE REDUCING STATIONS); WATER PRODUCTION SUPERINTENDENT (619-527-7438) AND SENIOR WATER DISTRIBUTION OPERATIONS SUPERVISOR (619-527-7609)
- CONNECTION JOINTS SHALL NOT BE INSTALLED ON THE PROPOSED WATER MAIN ABOVE, BELOW AND WITHIN 10' ON BOTH SIDES OF SEWER OR STORM DRAIN CROSSING.
- COMPLETE ALL REQUIRED PREPARATORY WORK PRIOR TO PLACEMENT OF AC OVERLAY, INCLUDING ASPHALT REPAIRS, MILLING, CRACK CLEANING AND SEAL, TACK COAT, ETC.
- COMPLETE ALL REQUIRED PREPARATORY WORK PRIOR TO SLURRY SEAL, INCLUDING WEED ABATEMENT, CRACK SEAL, ASPHALT REPAIRS, ETC.

CONSTRUCTION STORM WATER PROTECTION NOTES

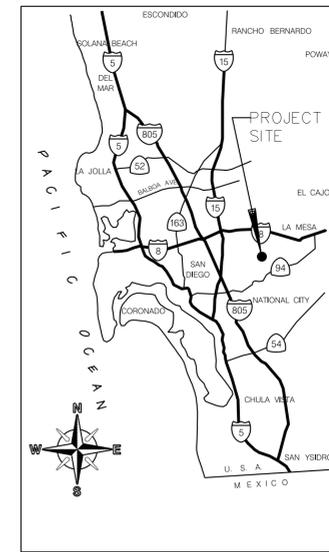
- TOTAL SITE DISTURBANCE AREA (ACRES) 0.03 ACRES
HYDROLOGIC UNIT/ WATERSHED PUEBLO SAN DIEGO HU / SAN DIEGO BAY WATERSHED
HYDROLOGIC SUBAREA NAME & NO. CHOLLAS 908.22
 - THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
 MINOR WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
 WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
 SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWO AS AMENDED BY ORDER 2010-0014-DWO AND 2012-0006-DWO
TRADITIONAL RISK LEVEL 2 3 4
LUP: RISK TYPE 1 2 3
 - CONSTRUCTION SITE PRIORITY
 ASBS HIGH MEDIUM LOW
- PERMANENT STORM WATER BMP CATEGORY:**
 PRIORITY DEVELOPMENT PROJECT
 STANDARD DEVELOPMENT PROJECT
 PDP EXEMPT
 NOT SUBJECT TO PERMANENT STORM WATER REQUIREMENTS

SHEET INDEX

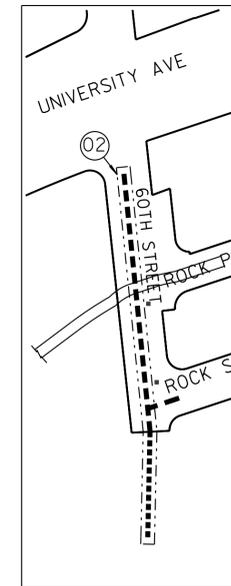
SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE		LENGTH (FT)
				SIZE (IN)	MATERIAL	
1	G-1	COVER SHEET				
WATER						
2	C-1	60TH STREET	UNIVERSITY AVE TO STA 5+80	12"		480.28
				TOTAL WATER		480.28
3	C-2	WATER ABANDONMENT				
4	C-3	WORK BY CITY FORCES				
5	C-4	BATCH DISCHARGE				
6	C-5	SURVEY MONUMENT SHEET				
7	C-6	STREET RESURFACING PLAN				

WORK TO BE DONE

ABANDONMENT OF 863 LINEAR FEET (0.16 MI) OF 16" CAST-IRON PIPE, INSTALLATION OF 340.47 LINEAR FEET (0.064 MI) OF NEW 12" PVC WATER MAIN, AND REPLACEMENT OF 139.81 LINEAR FEET (0.026 MI) OF 8" ASBESTOS CEMENT WATER MAIN WITH 12" PIPELINE.



VICINITY MAP
NOT TO SCALE



KEY MAP
NO SCALE

DISCIPLINE CODE

G GENERAL
C CIVIL

LEGEND:

PROPOSED WTR MAIN - - - - -
SHEET NUMBER (XX)

LEGEND

IMPROVEMENTS	REFERENCE	SYMBOL
PAVEMENT RESTORATION (MAJOR EXCAVATION)	SDG-105, SDG-107, SDG-108,	
PAVEMENT RESTORATION (MINOR EXCAVATION)	SDG-105, SDG-107, SDG-108, SDG-118, SDG-165	
TRENCH RESURFACING	SDG-107, SDG-108	
CUTTING AND PLUGGING ABANDONED WATER MAIN	WP-03, SDG-105	E - - - - -
SURVEY MONUMENT	M-10A, M-10B, M-10C	△
WATER MAIN & APPURTENANCES	SDM-105, SDW-110, SDW-151, SDW-161, SDG-105	
VALVES WITH CAPS AND WELLS	SDW-109, SDW-152, SDW-153, WV-05, SDG-105	
FIRE SERVICE CONNECTION & ASSEMBLY	SDM-105, SDW-109, SDW-118, SDW-152, SDW-153, SDG-105	
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT	SDM-105, SDW-104, SDW-109, SDW-152, SDW-153, SDG-105	
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED	SDM-105, SDW-107, SDW-134, SDW-135, SDW-136, SDW-137, SDW-138, SDW-149, SDW-150, WS-03, SDG-105	
WATER SERVICE TRANSFER	SDW-149, SDW-150, SDG-105	
BLOW-OFF ASSEMBLY	SDM-105, SDW-106, SDW-143, SDW-144, SDW-145, SDW-146, WB-05, SDG-105	
AIR & VACUUM VALVE	SDM-105, SDW-117, SDW-158, SDW-159, SDW-160, SDG-105	
HIGHLINING BY CONTRACTOR	SDW-170, SDW-171, SDW-172, SDW-173, SDW-174	IF APPLICABLE

FIELD DATA

BENCHMARK: BRASS DISK SDC-27, TOP OF CURB INLET AT SOUTHEAST CORNER COLLEGE BLVD AND UNIVERSITY AVE, EL 329.57' (NGVD29)
FIELD NOTES: DAVIS, GJ 940, WBS B11036, 2/14/2012
DATUM: MEAN SEA LEVEL
STREETS REQUIRING 12" TRENCH CAP: NONE

SUPPLEMENTAL SURVEY:
FIELD NOTES: PSOMAS, WBS B15030, 9/29/2015
BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, CCS83, ZONE 6, EPOCH 1991.35. BEARINGS DETERMINED USING GPS STATION NO. 213 AND GPS STATION NO. 1101 PER RECORD OF SURVEY MAP NO. 14492, CITY OF SAN DIEGO, COUNTY OF SAN DIEGO. (I.E. S36°45'22"E)

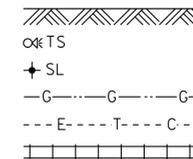
ABBREVIATIONS

ABAND	ABANDON	EX, EXIST	EXISTING	POE	POINT OF END
ABAND'D	ABANDONED	E/O	EAST OF	PRC	POINT OF REVERSE CURVATURE
AC	ASBESTOS CEMENT PIPE/ ASPHALT CONCRETE	F	FLANGE	PT	POINT OF TANGENT
AHD	AHEAD	FH	FIRE HYDRANT	PROP	PROPOSED
ASSY	ASSEMBLY	FS	FIRE SERVICE	RED	REDUCER
BFV	BUTTERFLY VALVE	GV	GATE VALVE	RT	RIGHT
BK	BACK	HDPE	HIGH-DENSITY POLYETHYLENE	SL	SURVEY LINE
BTWN	BETWEEN	HP	HIGH PRESSURE	SD&AE	SAN DIEGO & ARIZONA EASTERN RAILROAD
CATV	CABLE TV	IE	INVERT ELEVATION	SDTI	SAN DIEGO TROLLEY INC.
CI	CAST IRON PIPE	LT	LEFT	SO	STUB OUT
CL	CENTER LINE	MJ	MECHANICAL JOINT	S/O	SOUTH OF
COND	CONDUIT	MTS	METROPOLITAN TRANSIT SYSTEM	SWR	SEWER
CONT	CONTINUED	MTD	MULTIPLE TELEPHONE DUCT	TEL	TELEPHONE
CONTR	CONTRACTOR	N/O	NORTH OF	UNK	UNKNOWN
DB	DIRECT BURIED	OVHD	OVER HEAD	VC	VITRIFIED CLAY PIPE
DI	DUCTILE IRON	PVC	POLYVINYL CHLORIDE	WM	WATER METER
EB	ENCASED BURIED	POB	POINT OF BEGINNING	WTR	WATER
EC	END CURVE	PCC	POINT OF COMPOUND CURVE	W/O	WEST OF
EL, ELEV	ELEVATION	PC	POINT OF CURVE		
ELEC	ELECTRIC				

CONSTRUCTION CHANGE / ADDENDUM

EXISTING STRUCTURES

EX WATER MAIN & VALVES	---○---	EX GROUND LINE (PROFILE)	=====
EX WATER METER	---○---	EX TRAFFIC SIGNAL	⊗ TS
EX FIRE HYDRANT	○ --- ○	EX STREET LIGHT	+ SL
EX SEWER MAIN & MANHOLES	---○---	GAS MAIN	-G---G---
EX DRAINS	=====	ELEC. COND., TEL. COND., CATV	---E---T---C---
EX PAVEMENT (PROFILE)	////	RAILROAD, TROLLEY TRACKS	
EX CONCRETE PAVEMENT (PROFILE)			



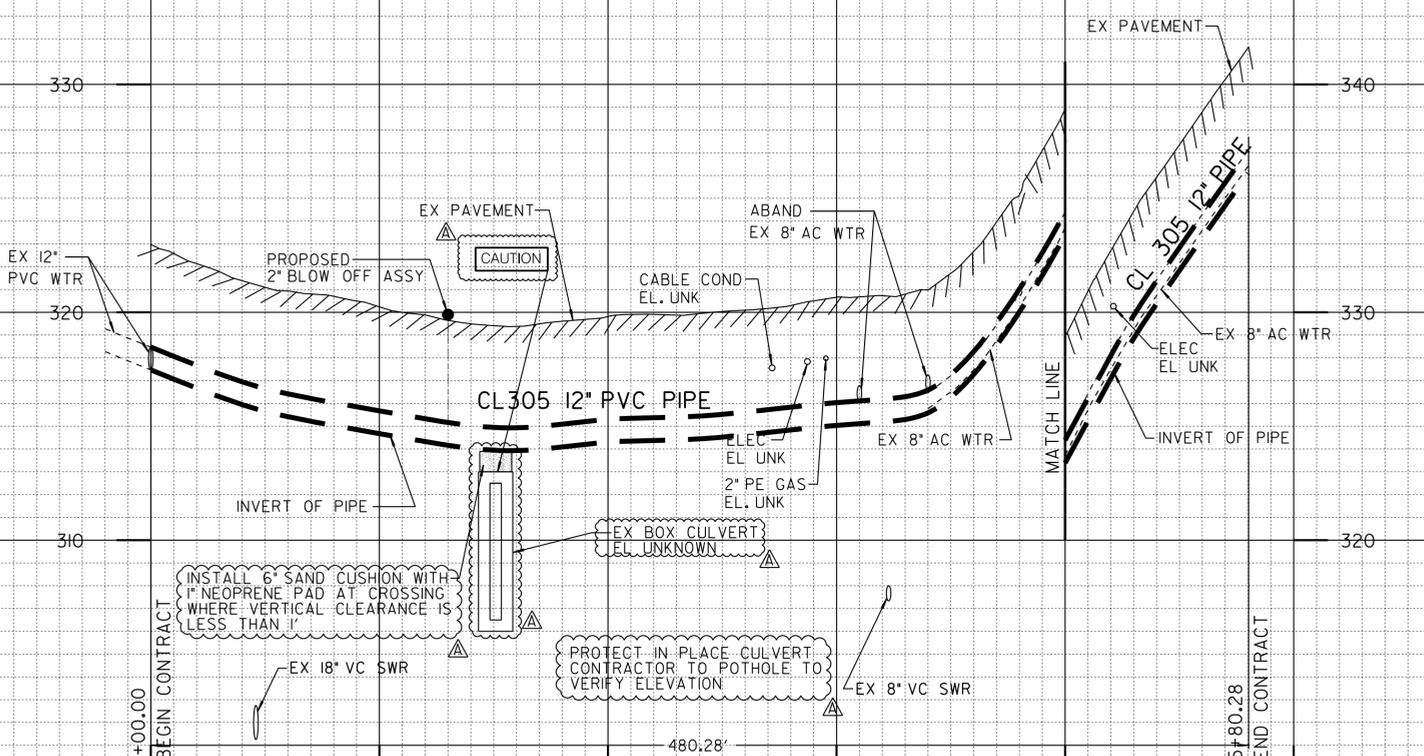
G-1

PLANS FOR THE CONSTRUCTION OF REDWOOD VILLAGE STANDPIPE MAIN REPLACEMENT COVER SHEET

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 01 OF 07 SHEETS		WATER WBS B-15030
APPROVED: <i>R.N.</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE: 01/29/2024 C-88070 RCE#	SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RA/CN	<i>R.N.</i>	01/29/24	SEE EACH SHEET CCS27 COORDINATE
ADDENDUM A	RA/CN	<i>R.N.</i>	02/29/24	SEE EACH SHEET CCS83 COORDINATE
CONTRACTOR		NTP DATE		39049-01-D
INSPECTOR		NOC DATE		



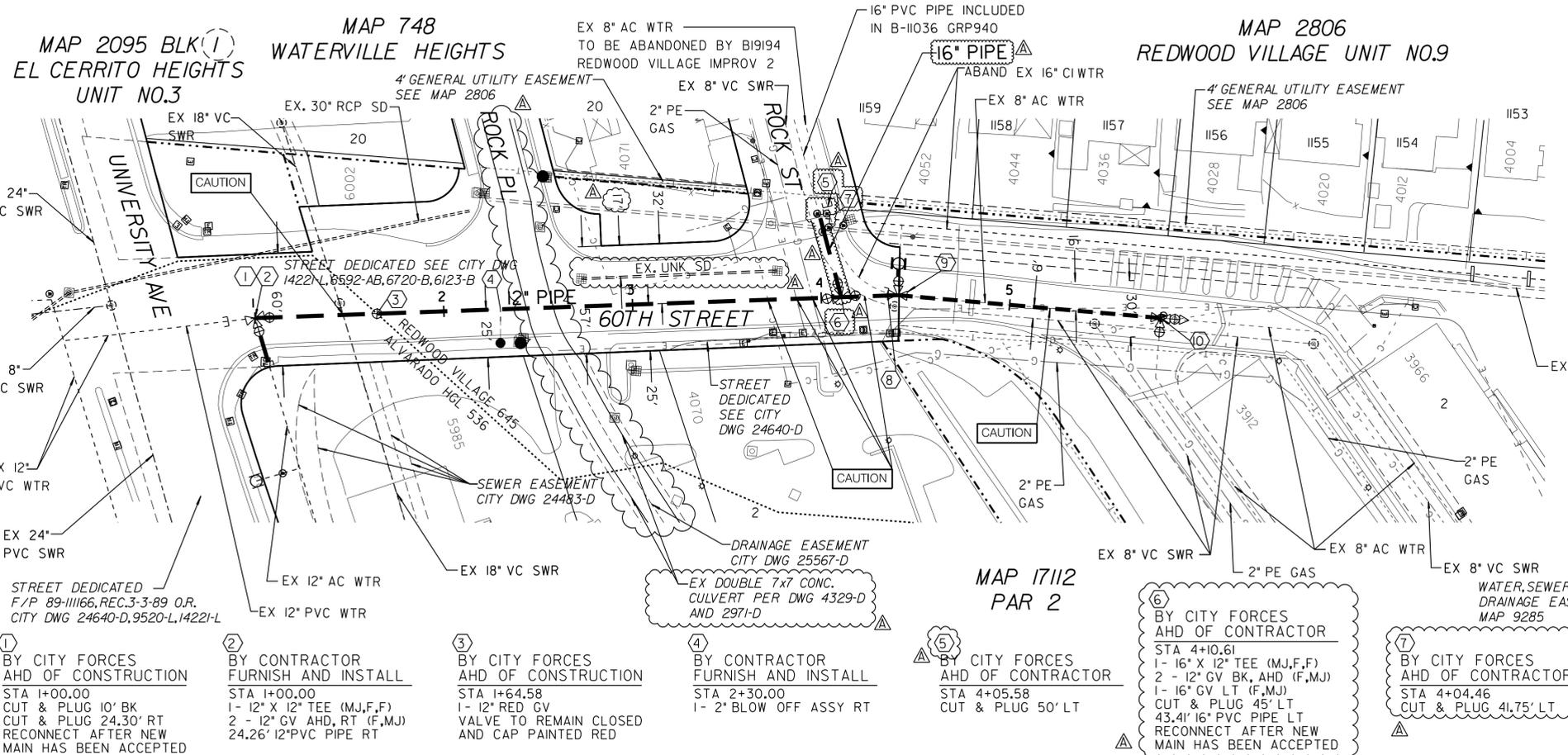
60TH STREET



Alignment Name: 60TH st
 Alignment Description: 60TH st
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 POB () 1+00.00 1854332.316310519.55
 PI () 4+40.47 1853993.57 6310553.87
 Tangential Direction: 3.04
 Tangential Length: 340.47

Element: Linear
 POE () 5+80.28 1853853.79 6310550.85
 Tangential Direction: 3.16
 Tangential Length: 139.81



REFERENCE:
 WATER: 18215-3-D, 18215-4-D, 18215-5-D, 6117-3-W,
 28473-38-D, 29351-12-D, 28473-38-D,
 28473-38-D, 18215-4-D, 18215-5-D,
 STORM DRAIN: 02971-0-D, 07341-0-L, 06117-0-W
 GAS: 16200-118885, 16192-118885
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: L18S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 8" - AC - 140' - 1978
 FH (2-PORT) - 1

- ⑧ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 4+35.09
 CUT & PLUG 10' LT
- ⑨ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 4+40.47
 1- 12" X 8" CUT-IN TEE (M.J, M.J, F)
 1- 6" FH ASSY AND MARKER
 (3-PORT) LT
- ⑩ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 5+80.28
 1- 12" X 8" CUT-IN TEE (M.J, M.J, F)
 1- 12" GV (F,F) AHD
 1- 8" GV (F,MJ) RT
 1- 12" X 8" REDUCER (F,MJ) AHD

① BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 1+00.00
 CUT & PLUG 10' BK
 CUT & PLUG 24.30' RT
 RECONNECT AFTER NEW
 MAIN HAS BEEN ACCEPTED

② BY CONTRACTOR
 FURNISH AND INSTALL
 STA 1+00.00
 1- 12" X 12" TEE (M.J,F,F)
 2- 12" GV AHD, RT (F,MJ)
 24.26' 12" PVC PIPE RT

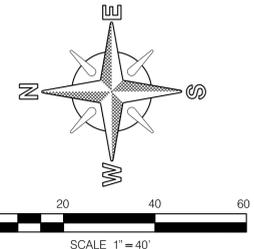
③ BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 1+64.58
 1- 12" RED GV
 VALVE TO REMAIN CLOSED
 AND CAP PAINTED RED

④ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 2+30.00
 1- 2" BLOW OFF ASSY RT

⑤ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 4+05.58
 CUT & PLUG 50' LT

⑥ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 4+10.61
 1- 16" X 12" TEE (M,J,F,F)
 2- 12" GV BK, AHD (F,MJ)
 1- 16" GV LT (F,MJ)
 CUT & PLUG 45' LT
 43.41' 16" PVC PIPE LT
 RECONNECT AFTER NEW
 MAIN HAS BEEN ACCEPTED

⑦ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 4+04.46
 CUT & PLUG 41.75' LT



C-1

REDWOOD VILLAGE STANDPIPE
 MAIN REPLACEMENT
 60TH STREET
 UNIVERSITY AVE TO STA 5+80

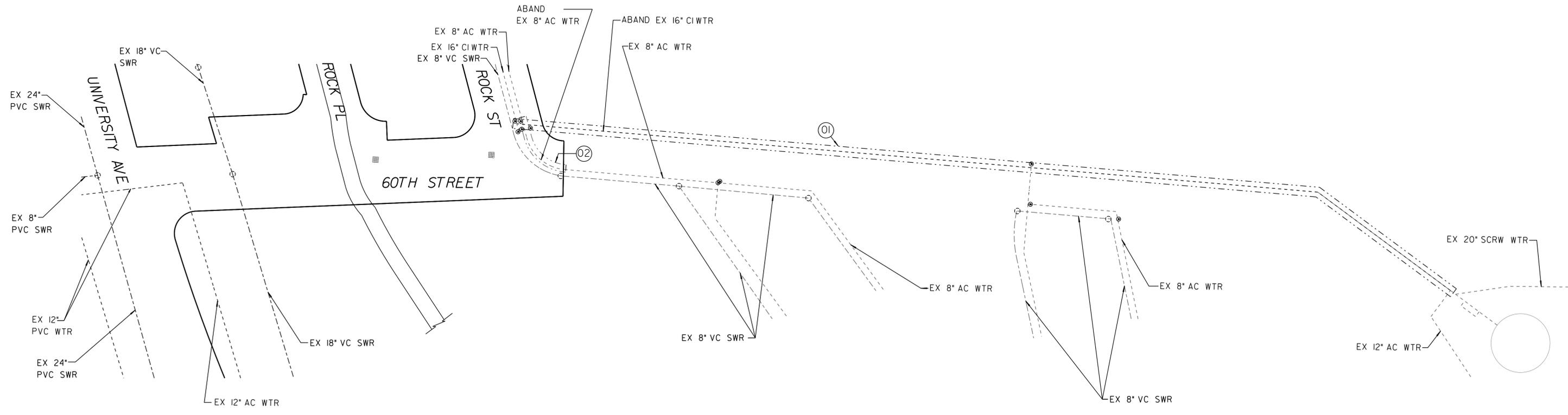
SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 02 OF 07 SHEETS		WATER WBS B-15030	
APPROVED:	DATE:	DATE:	DATE:	DATE:	DATE:
FOR CITY ENGINEER REX NARVAEZ	01/29/2024	01/29/24	01/29/24	02/29/24	02/29/24
PRINT DCE NAME	RCE#	C-88070			
DESIGNER	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	RNS	01/29/24		212-1749
ADDENDUM A	RA/CN	RNS	02/29/24		CCS27 COORDINATE
					1852-6309
					CCS83 COORDINATE
CONTRACTOR	INSPECTOR	NTP DATE	NOC DATE		39049-02-D

BOX CULVERT
 16" PIPE ADDED
 NOTES REVISED

ADDENDUM A

60TH STREET

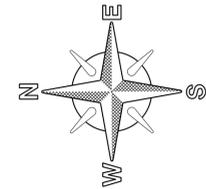
ABANDONMENT OF WATER MAINS				
(NO)	LOCATION	SIZE OF PIPE	MATERIAL	LENGTH FT
①	60TH ST	16	CI	868
②	60TH ST	16	CI	60
TOTAL ABANDONMENT OF WATER MAINS				928



LEGEND:

EX WTR MAIN	-----
EX SWR MAIN	- - - - -

CONSTRUCTION NOTE:
 CUT & PLUG POINTS WILL HAVE TO BE
 POTHOLED SINCE THERE ARE NO COORDINATES
 TO SHOW EXACT POINT.



NO SCALE

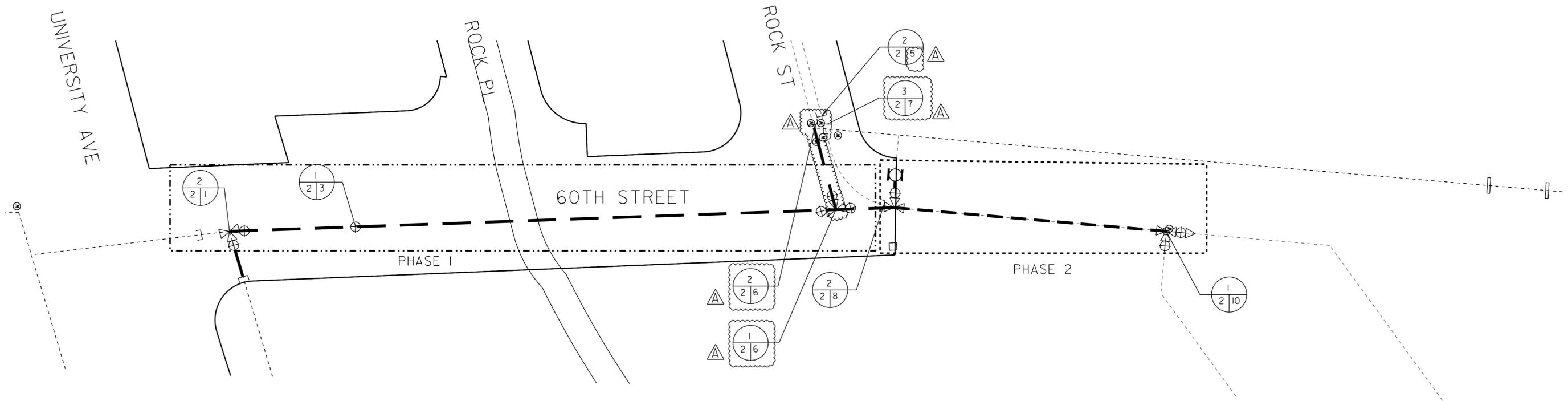
C-2

**REDWOOD VILLAGE STANDPIPE
 MAIN REPLACEMENT
 WATER ABANDONMENT**

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 03 OF 07 SHEETS		WATER WBS B-15030																
APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE: 01/29/2024 C-88070 RCE#		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER																
DESIGNED BY: CARLOS NAVARRO PROJECT ENGINEER		<table border="1"> <tr> <th>DESCRIPTION</th> <th>BY</th> <th>APPROVED</th> <th>DATE</th> <th>FILMED</th> </tr> <tr> <td>ORIGINAL</td> <td>RA/CN</td> <td><i>RN</i></td> <td>01/29/24</td> <td></td> </tr> <tr> <td>ADDENDUM A</td> <td>RA/CN</td> <td><i>RN</i></td> <td>02/29/24</td> <td></td> </tr> </table>		DESCRIPTION	BY	APPROVED	DATE	FILMED	ORIGINAL	RA/CN	<i>RN</i>	01/29/24		ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS27 COORDINATE	
DESCRIPTION	BY	APPROVED	DATE	FILMED																
ORIGINAL	RA/CN	<i>RN</i>	01/29/24																	
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24																	
CONTRACTOR		NTP DATE		SEE EACH SHEET CCS83 COORDINATE																
INSPECTOR		NOC DATE		39049-03-D																

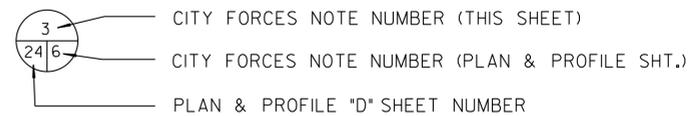


WATER ABANDONMENT



LEGEND

- EXISTING WATER MAIN
- PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN
- ☐ FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- ⊠ FIRE HYDRANT TO BE REPLACED
- Ⓜ EXISTING WATER SAMPLING STATION



BC --- BEFORE CONTRACTOR
AC --- AFTER CONTRACTOR

WORK BY CITY FORCES

- 1 BC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT. OPEN VALVE(S)
- 2 BC - CUT & PLUG
AC - RECONNECT
- 3 BC - CUT AND ABANDON
- 4 AC - WET TAP
- 5 BC - CLOSE EX. VALVE (REPLACE IF NEEDED)
AC - OPEN EX. VALVE

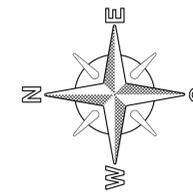
AREA TO BE HIGHLINED IN PHASES



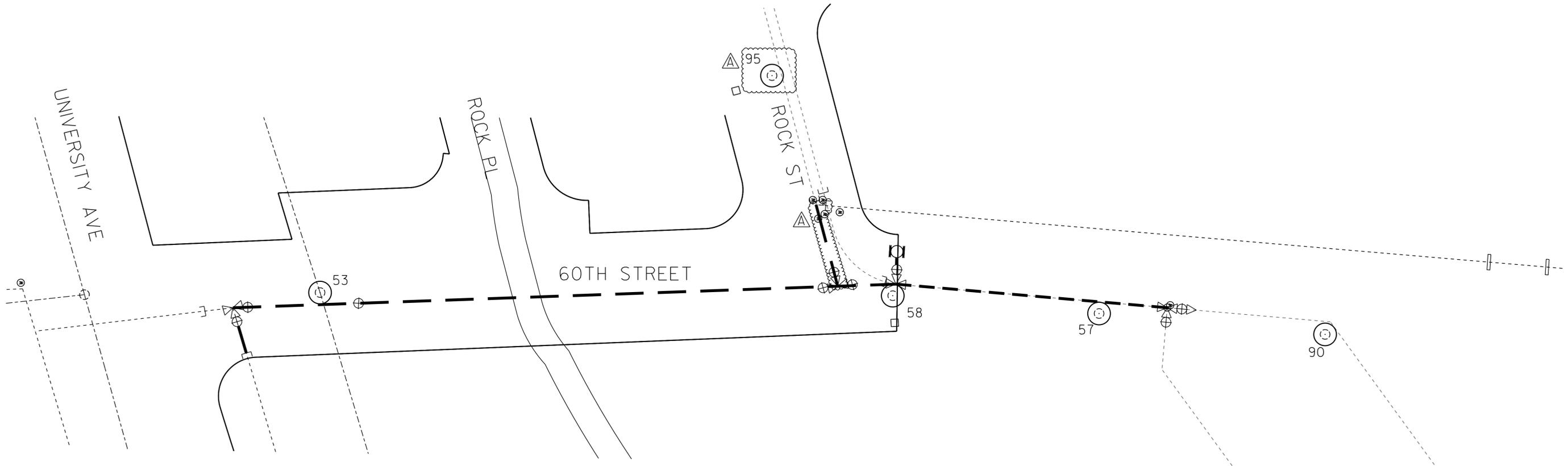
C-3

**REDWOOD VILLAGE STANDPIPE
MAIN REPLACEMENT
WORK BY CITY FORCES**

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 04 OF 07 SHEETS			WATER WBS B-15030	
APPROVED: <i>RN</i> FOR CITY ENGINEER PRINT DCE NAME: REX NARVAEZ		DATE: 01/29/24 C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER		
DESIGNER: <i>RN</i> PROJECT ENGINEER		CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER				
DESCRIPTION	BY	APPROVED	DATE	FILMED	SEE EACH SHEET	
ORIGINAL	RA/CN	<i>RN</i>	01/29/24		CCS27 COORDINATE	
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS83 COORDINATE	
CONTRACTOR		NTP DATE		39049-04-D		
INSPECTOR		NOC DATE				



NO SCALE



DISCHARGE TABLE			
STREET NAME	MH ID NO.	FSN	MAX FLOW RATE (GPM)
60TH ST	53	I25412	XXX
60TH ST	58	I25417	XXX
60TH ST	57	I25416	XXX
60TH ST	90	I25448	XXX
ROCK ST	95	I25453	XXX

CONTRACTOR'S NOTES:

- CONTRACTOR SHALL OBTAIN THE BATCH AUTHORIZATION PERMIT AT THE TIME OF DISCHARGE.
- THE MAXIMUM FLOW RATES PROVIDED ARE FOR DRY WEATHER FLOW CONDITIONS AND ONLY ONE MANHOLE CAN BE DISCHARGED TO AT ONE TIME.

LEGEND:

PROPOSED WTR MAIN - - - - -

EX WTR MAIN - - - - -

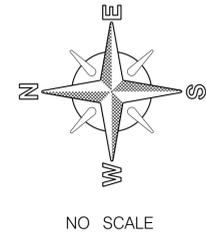
☐ FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION

☐ FIRE HYDRANT TO BE REPLACED

○ EX MANHOLE

○ PROP. DISCHARGE LOCATION W/MANHOLE ID NO.

○ FSN FACILITY SEQUENCE NUMBER



C-4

REDWOOD VILLAGE STANDPIPE
MAIN REPLACEMENT
BATCH DISCHARGE

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 05 OF 07 SHEETS		WATER WBS B-15030	
APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ		DATE: 01/29/2024 PROJECT NO.: C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
PRINT DCE NAME: <i>RN</i>		RCE#		CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>RN</i>	01/29/24		SEE EACH SHEET CCS27 COORDINATE
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS83 COORDINATE
CONTRACTOR INSPECTOR				NTP DATE NOC DATE	
				39049-05-D	

BATCH DISCHARGE

REDWOOD VILLAGE ROLANDO PARK IMPROV 2

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
- NOTIFY SD&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SD&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES (I.E., 69 KV & HIGHER)
- EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
- CITY FORCES, WHEN SPECIFIED OR SHOWN ON THE PLANS, WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.
- KEEP EXISTING MAINS IN SERVICE IN LIEU OF HIGH-LINING, UNLESS OTHERWISE SPECIFIED SHOWN ON PLANS.
- THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVEINENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 402-UTILITIES.
- EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.
- ALL ADVANCE METERING INFRASTRUCTURE (AM) DEVICES ATTACHED TO THE WATER METER OR LOCATED IN OR NEAR WATER METER BOXES, COFFINS, OR VALVS SHALL BE PROTECTED AT ALL TIMES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- FOR NON-METALLIC PIPELINE ALIGNMENTS, PROVIDE A HOLIDAY FREE CORROSION PREVENTATIVE COATING AND LINING ON ALL BURIED DUCTILE IRON FITTINGS INCLUDING ALL BENDS, TEES, CROSSES, FLEX COUPLINGS, FLANGE BOLTS, AND VALVES PER CONTRACT SPECIFICATIONS. IF ANY PIPELINE ALIGNMENTS ARE CHANGED FROM PVC TO METALLIC, A NEW REVIEW BY THE CORROSION SECTION IS REQUIRED.
- FOR COORDINATION OF THE SHUTDOWN OF MAINS, THE ASSIGNED CONSTRUCTION MANAGEMENT AND FIELD SERVICES SENIOR ENGINEER, AND NOT THE CONTRACTOR, SHOULD CONTACT THE FOLLOWING:
TRANSMISSION MAINS (16 INCHES AND LARGER)- WATER DISTRIBUTION OPERATIONS SUPERVISOR (619-533-4657)
DISTRIBUTION MAINS (LESS THAN 16 INCHES)- WATER SYSTEMS TECHNICIAN SUPERVISOR (619-527-3143)
WATER FACILITIES (POTABLE WATER RESERVOIRS, PUMP STATIONS, PRESSURE REDUCING STATIONS); WATER PRODUCTION SUPERINTENDENT (619-527-7438) AND SENIOR WATER DISTRIBUTION OPERATIONS SUPERVISOR (619-527-7609)
- CONNECTION JOINTS SHALL NOT BE INSTALLED ON THE PROPOSED WATER MAIN ABOVE, BELOW AND WITHIN 10' ON BOTH SIDES OF SEWER OR STORM DRAIN CROSSING.

CONSTRUCTION STORM WATER PROTECTION NOTES

- TOTAL SITE DISTURBANCE AREA (ACRES) 1.88 ACRES
HYDROLOGIC UNIT & WATERSHED PUEBLO SAN DIEGO HU / SAN DIEGO BAY WATERSHED
HYDROLOGIC SUBAREA NAME & NO. CHOLLAS 908.22
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
 MINOR WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001AS AMENDED BY R9-2015-0001AND R9-2015-0100
 WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001AS AMENDED BY R9-2015-0001AND R9-2015-0100
 SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001AS AMENDED BY R9-2015-0001AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWO AS AMENDED BY ORDER 2010-0014-DWO AND 2012-0006-DWO
TRADITIONAL: RISK LEVEL 2 3 4
LUP: RISK TYPE 1 2 3 4
- CONSTRUCTION SITE PRIORITY
 ASBS HIGH MEDIUM LOW

PERMANENT STORM WATER BMP CATEGORY:

- PRIORITY DEVELOPMENT PROJECT
 STANDARD DEVELOPMENT PROJECT
 PDP EXEMPT
 NOT SUBJECT TO PERMANENT STORM WATER REQUIREMENTS

ABBREVIATIONS

ABAND	ABANDON	EX, EXIST	EXISTING	POE	POINT OF END
ABAND'D	ABANDONED	E/O	EAST OF	PRC	POINT OF REVERSE CURVATURE
AC	ASBESTOS CEMENT PIPE/ ASPHALT CONCRETE	F	FLANGE	PT	POINT OF TANGENT
AHD	AHEAD	FH	FIRE HYDRANT	PROP	PROPOSED
ASSY	ASSEMBLY	FS	FIRE SERVICE	RDCR	REDUCER
BC	BEGIN CURVE	GV	GATE VALVE	RT	RIGHT
BFV	BUTTERFLY VALVE	HDPE	HIGH-DENSITY POLYETHYLENE	SD	SURVEY LINE
BK	BACK	HP	HIGH PRESSURE	SD&E	SAN DIEGO & ARIZONA EASTERN RAILROAD
BTWN	BETWEEN	IE	INVERT ELEVATION		
CATV	CABLE TV	LT	LEFT	SDTI	SAN DIEGO TROLLEY INC.
CI	CAST IRON PIPE	MJ	MECHANICAL JOINT	SO	STUB OUT
COND	CONDUIT	MTS	SAN DIEGO METROPOLITAN TRANSIT SYSTEM	S/O	SOUTH OF
CONT	CONTINUED	MTD	MULTIPLE TELEPHONE DUCT	SWR	SEWER
CONTR	CONTRACTOR	N/O	NORTH OF	TEL	TELEPHONE
DB	DIRECT BURIED	NOC	NOTICE OF COMPLETION	UNK	UNKNOWN
DI	DUCTILE IRON	NTP	NOTICE TO PROCEED	VC	VITRIFIED CLAY PIPE
EB	ENCASED BURIED	OVHD	OVER HEAD	WM	WATER METER
EC	END CURVE	PVC	POLYVINYL CHLORIDE	WTR	WATER
EL, ELEV	ELEVATION	POB	POINT OF BEGINNING	W/O	WEST OF
ELEC	ELECTRIC	PCC	POINT OF COMPOUND CURVE		
		PC	POINT OF CURVE		

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
▲	2/28/2024	SHEET 3, 5, 6, 7, 8, 9, 11, 15, 18, 20, 24, 31, 33, 34, 36, 37, 41, 45, 46	
▲	2/28/2024	SHEET 49, 50, 51, 52, 58, 59, 60	

WARNING

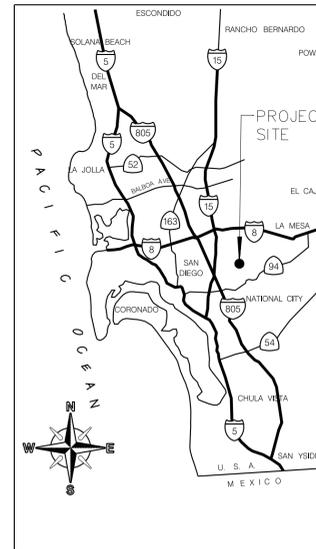
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

SHEET INDEX

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE		LENGTH (FT)
				SIZE (IN)	MATERIAL	
1	G-1	COVER SHEET				
2	G-2	KEY MAP				
WATER						
▲	C-1	ROCK ST	COLLEGE AVE TO STA 3+00	8		200.00
▲	C-2	COLLEGE AVE	STA 2+00 TO STA 9+00	8		600.00
▲	C-3	COLLEGE AVE	JEFF ST TO STA 16+00	8		700.00
▲	C-4	COLLEGE AVE	STA 16+00 TO STA 23+00	8		700.00
▲	C-5	COLLEGE AVE	N/O NEWSOME DR TO STA 30+00	8		700.00
▲	C-6	COLLEGE AVE	STA 30+00 TO BILLMAN ST	8		237.36
▲	C-7	JEFF ST	COLLEGE AVE TO STA 7+00	8		600.00
▲	C-8	JEFF ST	STA 7+00 TO CUL DE SAC	8		690.62
▲	C-9	NEWSOME DR	COLLEGE AVE TO STA 6+00	8		500.00
▲	C-10	NEWSOME DR	STA 6+00 TO BILLMAN ST	8		288.50
▲	C-11	BREMS ST	CUL DE SAC TO STA 6+00	8		500.00
▲	C-12	BREMS ST	STA 6+00 TO STA 10+82.96	8		454.19
▲	C-13	ODOM ST	NEWSOME DR TO STA 3+50	8		250.00
▲	C-14	TWILA LN	STA 3+50 TO STA 6+60.02	8		310.02
▲	C-15	BILLMAN ST	CUL DE SAC TO TWILA LN	8		600.00
▲	C-16	BILLMAN ST	S/O TWILA LN TO COLLEGE AVE	8		734.71
▲	C-17	ZENA DR	BILLMAN ST TO MERIDIAN AVE	8		360.80
▲	C-18	MARRON ST	ROCK ST TO STA 7+00	8		600.00
▲	C-19	MARRON ST	STA 7+00 TO CUL DE SAC	8		475.15
▲	C-20	GAYLE ST	ROCK ST TO STA 7+00	8		600.00
▲	C-21	GAYLE ST	STA 7+00 TO STA 13+00	8		600.00
▲	C-22	GAYLE ST	STA 13+00 TO S/O HUGHES ST	8		400.00
▲	C-23	GAYLE ST	S/O HUGHES ST TO STA 23+00	8		600.00
▲	C-24	GAYLE ST	STA 23+00 TO STREAMVIEW DR	8		706.00
▲	C-25	HEGG ST	ROCK ST TO STA 5+00	8		400.00
▲	C-26	HEGG ST	HEGG ST TO ROCK ST	8		648.48
▲	C-27	DEMUS ST	CUL DE SAC TO HUGHES ST	8		709.87
▲	C-28	BOREN ST	STA 1+00 TO N/O PERIOUE ST	8		600.00
▲	C-29	BOREN ST	NE/O PERIOUE ST TO BOREN ST	8		341.02
▲	C-30	PERIOUE ST	BOREN ST TO STA 4+00	8		300.00
▲	C-31	PERIOUE ST	BOREN ST TO E/O GLADE ST	8		700.00
▲	C-32	PERIOUE ST	STA 11+00 TO STREAMVIEW DR	8		622.59
▲	C-33	JODIST	HUGHES ST TO CUL DE SAC	8		288.58
▲	C-34	GLADE ST	BOREN ST TO PERIOUE ST	8		242.18
▲	C-35	BOREN ST	GLADE ST TO W/O BOREN ST	8		700.00
▲	C-36	HUGHES ST	STA 8+00 TO STA 13+00	8		500.00
▲	C-37	HUGHES ST	STA 13+00 TO STA 19+18.92	8		618.92
▲	C-38	KERCH ST	BOREN ST TO STA 8+00	8		700.00
▲	C-39	NELSON ST	KERCH ST TO BOREN ST	8		801.66
▲	C-40	WATER SERVICE TRANSFER		TOTAL WATER		20,580.65
▲	C-41	WATER ABANDONMENT				
▲	C-42	WATER ABANDONMENT				
▲	C-43	WORK BY CITY FORCES				
▲	C-44	WORK BY CITY FORCES				
▲	C-45	BATCH DISCHARGE				
▲	C-46	BATCH DISCHARGE				
▲	C-47	SURVEY MONUMENT				
▲	C-48	SURVEY MONUMENT				
▲	C-49	SURVEY MONUMENT				
▲	C-50	SURVEY MONUMENT				
▲	C-51	STREET RESURFACING PLAN				
▲	C-52	STREET RESURFACING PLAN				
▲	C-53	STREET RESURFACING PLAN				
▲	C-54	STREET RESURFACING PLAN				
▲	C-55	CURB RAMP LOCATIONS & DETAILS				
▲	C-56	CURB RAMP LOCATIONS & DETAILS				
▲	C-57	CURB RAMP LOCATIONS & DETAILS				
▲	C-58	CURB RAMP LOCATIONS & DETAILS				

WORK TO BE DONE

CONSTRUCTION OF APPROXIMATELY 20,561.66 LINEAR FEET (LF) (3.89 MILES) OF 8-INCH POLYVINYL CHLORIDE (PVC) WATER MAINS TO REPLACE EXISTING 6-IN AND 8-IN ASBESTOS CEMENT (AC) WATER MAINS AND CONSTRUCTION OF APPROX. 40 FEET OF NEW 8-IN PVC WATER MAIN VIA OPEN TRENCH. ABANDON 2,232 LF (0.42 MILES) OF EXISTING AC WATER MAIN. THE PROJECT ALSO INCLUDES TRANSFERRING EXISTING WATER SERVICES FROM THE TO-BE-ABANDONED 8-INCH WATER MAIN ON ROCK STREET TO THE 16-INCH WATER MAIN ON THE SAME STREET. ALL WORK TO BE DONE PER CURRENT CITY OF SAN DIEGO STANDARD SPECIFICATIONS AND STANDARD DRAWINGS. IN ACCORDANCE TO SPECIFICATION AND DRAWING NUMBER 42340-01-D TO 42340-60-D.



VICINITY MAP

NOT TO SCALE

DISCIPLINE CODE

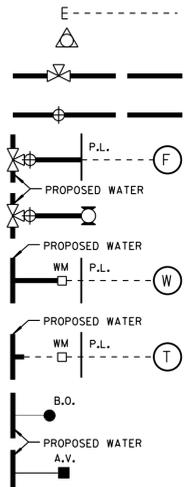
- G GENERAL
C CIVIL
TC TRAFFIC CONTROL

FIELD DATA

TOPOGRAPHY SOURCE:
BASED ON FIELD SURVEY PERFORMED BY D. LULE AND B. MAGUIRE ON NOVEMBER 14, 2019, INDEX NO. 210-1749, WORK ORDER NO. B-19194 FOR REDWOOD VILLAGE/ROLANDO PARK IMPROV 2 AERIAL
BENCHMARK:
SBP COLLEGE AVE. AND MERIDIAN AVE. (PT*25) ELEV. (472.79)' MSL, BASED ON NGVD '29 US FEET AS SHOWN IN THE CITY OF SAN DIEGO BENCH BOOK

LEGEND

IMPROVEMENTS	REFERENCE	SYMBOL
PAVEMENT RESTORATION (MAJOR EXCAVATION)	SDG-105, SDG-107, SDG-108,	
PAVEMENT RESTORATION (MINOR EXCAVATION)	SDG-105, SDG-107, SDG-108, SDG-165	
TRENCH RESURFACING	SDG-107, SDG-108	
CUTTING AND PLUGGING ABANDONED WATER MAIN	WP-03, SDG-105	
SURVEY MONUMENT	M-10A, M-10B, M-10C	
WATER MAIN & APPURTENANCES	SDM-105, SDW-110, SDW-151, SDW-161, SDG-105	
VALVES WITH CAPS AND WELLS	SDW-109, SDW-152, SDW-153, WV-05, SDG-105	
FIRE SERVICE CONNECTION & ASSEMBLY	SDM-105, SDW-109, SDW-118, SDW-152, SDW-153, SDG-105	
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT	SDM-105, SDW-104, SDW-109, SDW-152, SDW-153, SDG-105	
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED	SDM-105, SDW-107, SDW-134, SDW-135, SDW-136, SDW-137, SDW-138, SDW-149, SDW-150, WS-03, SDG-105	
WATER SERVICE TRANSFER	SDW-149, SDW-150, SDG-105	
BLOW-OFF ASSEMBLY	SDM-105, SDW-106, SDW-143, SDW-144, SDW-145, SDW-146, WB-05, SDG-105	
AIR & VACUUM VALVE	SDM-105, SDW-117, SDW-158, SDW-159, SDW-160, SDG-105	
HIGHLINING BY CONTRACTOR	SDW-170, SDW-171, SDW-172, SDW-173, SDW-174	IF APPLICABLE

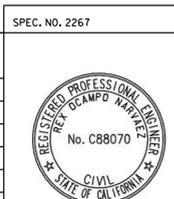


EXISTING STRUCTURES

EX WATER MAIN & VALVES	-----●-----	EX GROUND LINE (PROFILE)	-----▲-----
EX WATER METER	-----□-----	EX TRAFFIC SIGNAL	○●
EX FIRE HYDRANT	○●	EX STREET LIGHT	○●
EX SEWER MAIN & MANHOLES	-----○-----	GAS MAIN	-----G-----
EX DRAINS	=====	ELEC. COND., TEL. COND., CATV	-----E-----T-----C-----
EX PAVEMENT (PROFILE)	////	RAILROAD, TROLLEY TRACKS	=====
EX CONCRETE PAVEMENT (PROFILE)		

AS-BUILT INFORMATION

MATERIALS	MANUFACTURER
PIPE CL 235 (WATER)	-
GATE VALVES	-
FIRE HYDRANTS	-

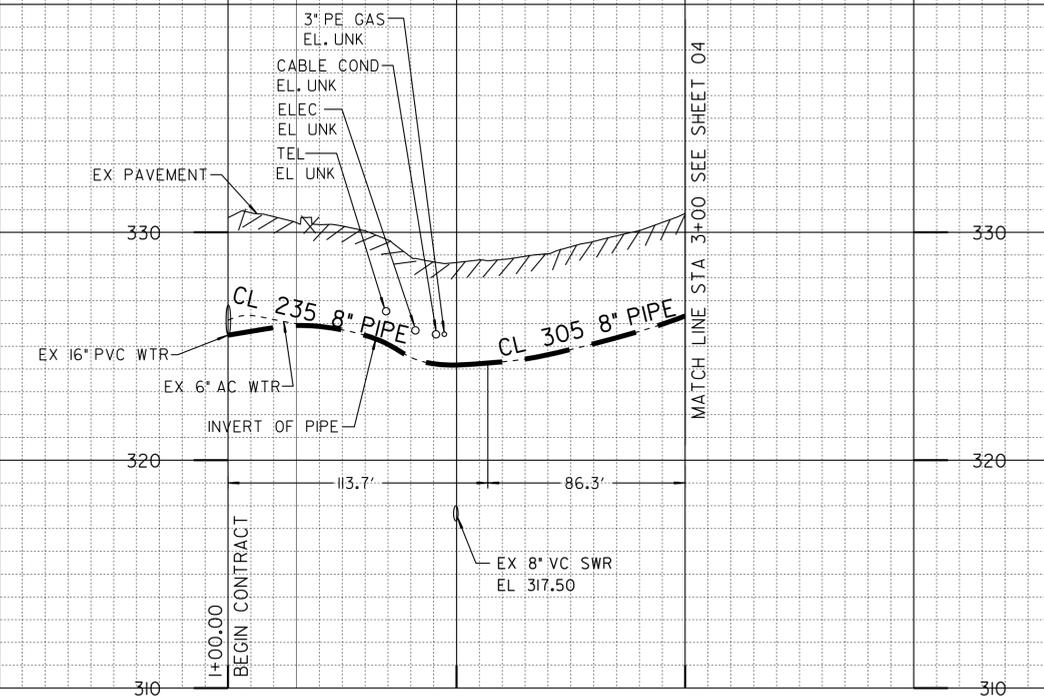


PLANS FOR THE CONSTRUCTION OF REDWOOD VILLAGE ROLANDO PARK IMPROV 2 COVER SHEET

SPEC. NO. 2267	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 01 OF 60 SHEETS	WATER WBS B-19194
APPROVED BY: REX NARVAEZ DATE: 01/29/2024 PROJECT ENGINEER: REX NARVAEZ RCE# C-88070	DATE: 01/29/2024 PROJECT ENGINEER: CARLOS NAVARRO	DATE: 01/29/2024 PROJECT ENGINEER: CARLOS NAVARRO
DESCRIPTION: ORIGINAL	BY: RA/CN	APPROVED: REX NARVAEZ
DESCRIPTION: ADDENDUM A	BY: RA/CN	APPROVED: REX NARVAEZ
DATE: 01/29/24	DATE: 02/29/24	
DATE: 01/29/24	DATE: 02/29/24	
CONTRACTOR: [Blank]	INSPECTOR: [Blank]	NTP DATE: [Blank] NOC DATE: [Blank]
		42340-01-D

REDWOOD VILLAGE ROLANDO PARK IMPROV 2

ROCK ST



SCALE
1"=40' HORIZ.
1"=4' VERT.

Alignment Name: Rock st & College ave
Alignment Description: Rock st & College ave
Alignment Style: Default
Station Northing Easting

Element: Linear
POB () 1+00.00 1854358.43 6311368.50
PI () 1+33.94 1854391.61 6311375.67
Tangential Direction: N 12° 11' 29" E
Tangential Length: 33.94

Element: Linear
PI () 1+33.94 1854391.61 6311375.67
PI () 2+13.70 1854434.82 6311442.70
Tangential Direction: N 57° 11' 29" E
Tangential Length: 79.76

Element: Linear
PI () 2+13.70 1854434.82 6311442.70
PI () 2+23.02 1854426.83 6311447.49
Tangential Direction: S 30° 56' 24" E
Tangential Length: 9.32

Element: Linear
PI () 2+23.02 1854426.83 6311447.49
PI () 2+43.92 1854409.09 6311458.55
Tangential Direction: S 31° 55' 30" E
Tangential Length: 20.90

Element: Linear
PI () 2+43.92 1854409.09 6311458.55
PI () 2+66.64 1854390.15 6311471.08
Tangential Direction: S 33° 29' 23" E
Tangential Length: 22.71

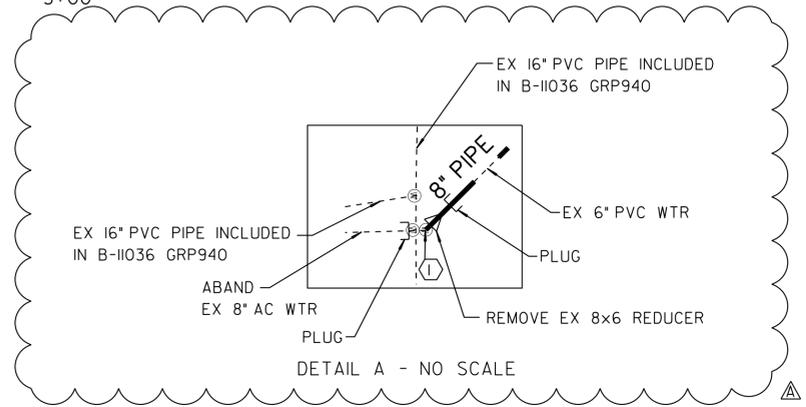
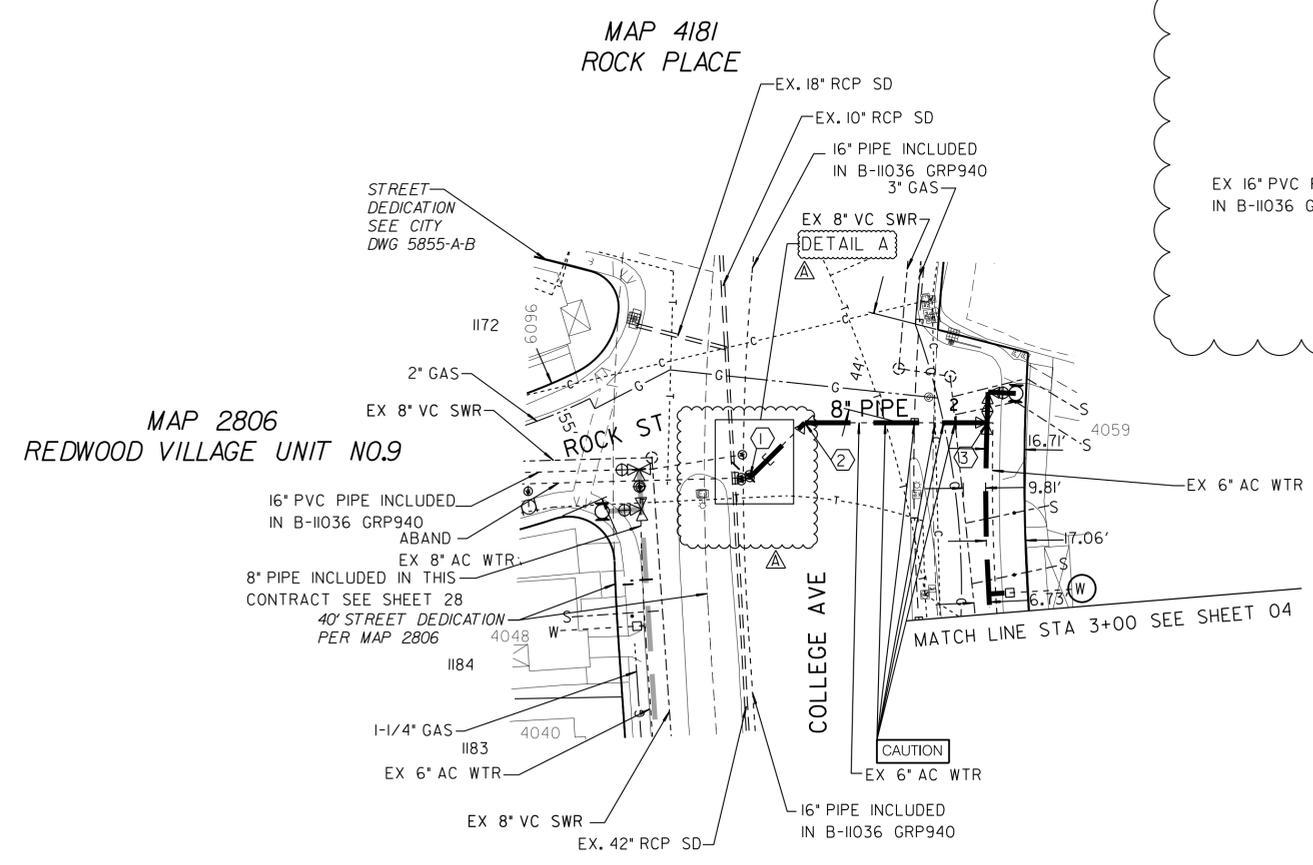
Element: Linear
PI () 2+66.64 1854390.15 6311471.08
PI () 2+89.57 1854371.53 6311484.47
Tangential Direction: S 35° 42' 59" E
Tangential Length: 22.93

Element: Linear
PI () 2+89.57 1854371.53 6311484.47
PI () 3+05.80 1854358.32 6311493.90
Tangential Direction: S 35° 31' 38" E
Tangential Length: 16.23

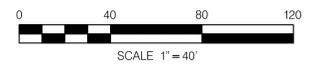
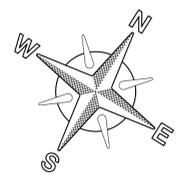
REFERENCE:
WATER: 08728-0-L, 09070-0-L
SEWER: 08728-0-L, 09070-0-L, 37073-18-D
STORM DRAIN: 12605-0-L
GAS: 16200-118890
ELECTRIC: 16207-118890
TELEPHONE: 34174-A3
IMPROVEMENTS: N/A
100' SCALE/FIELD BOOK: L18S
THOMAS BROS.: 1270 D5
HGL: REDWOOD VILLAGE 645

RETIREMENTS:
6" - AC - 200' - 1951
0.75" SERVICE - 3 - UNK - 1951

CONTRACTORS NOTE:
USE EXTREME CAUTION
WHEN WORKING DUE TO
OVERHEAD UTILITY
LINES, AND CONGESTED
UNDERGROUND UTILITIES.



- ① BY CITY FORCES
AHD OF CONTRACTOR
STA 1+00.00
5' BK PERMANENT
CUT & PLUG
CUT & PLUG 10' AHD
RECONNECT AFTER NEW
MAIN HAS BEEN ACCEPTED
- ② BY CONTRACTOR
FURNISH AND INSTALL
STA 1+33.94
1- 45' BEND (MJ,MJ)
- ③ BY CONTRACTOR
FURNISH AND INSTALL
STA 2+13.70
1- 8"x8" TEE (MJ,MJ,F)
1- 8"x6" REDUCER LT
1- 13.47' 6" PVC PIPE LT
1- 90° BEND 13.47' LT
1- 6" FH ASSY & MARKER 13.47'
(3-PORT) LT

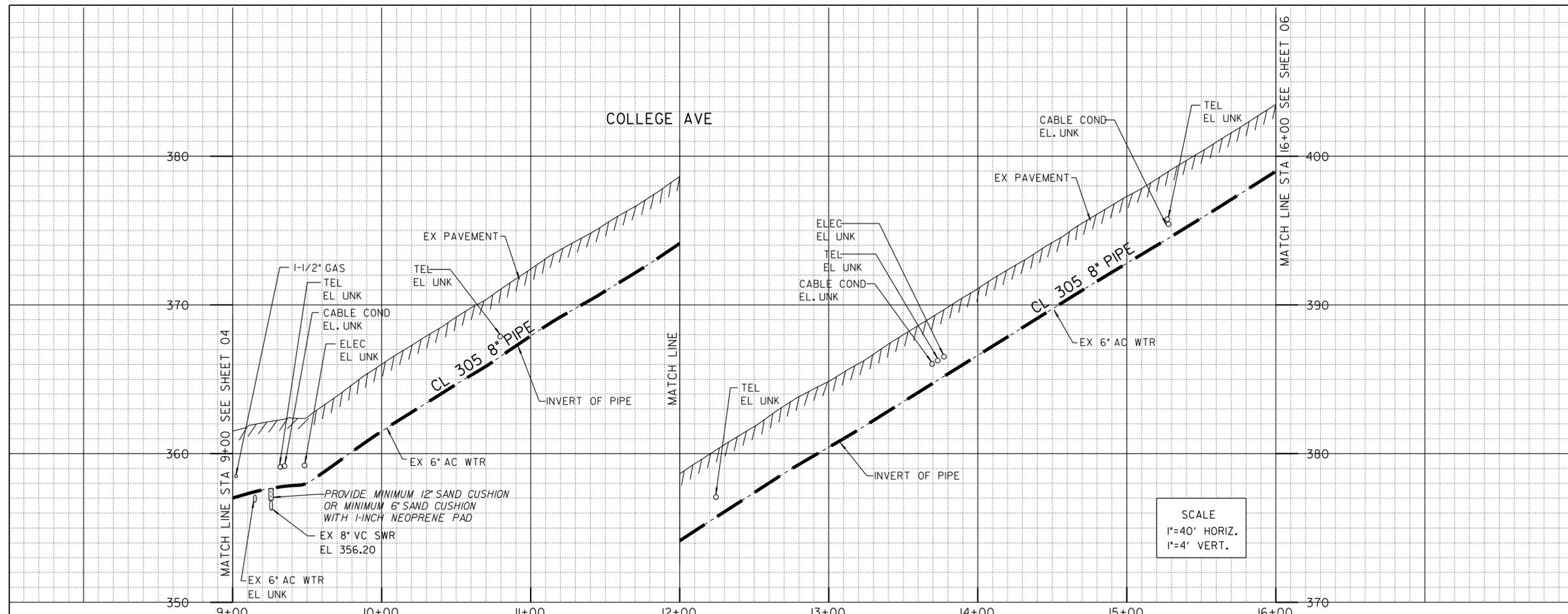


C-1

REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
ROCK ST
COLLEGE AVE TO STA 3+00

SPEC. NO. 2267	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 03 OF 60 SHEETS	WATER WBS# B-19194
APPROVED: FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME	DATE 01/29/2024 C-88070 RCE#	SUBMITTED BY JODY CHEUNG PROJECT MANAGER
DESCRIPTION	BY	APPROVED
ORIGINAL	RA/CN	PP
ADDENDUM A	RA/CN	PP
DATE	DATE	DATE
01/29/24	02/29/24	
FILED	FILED	FILED
PROJECT ENGINEER		
CARLOS NAVARRO		
1852-6309		
CCS27 COORDINATE		
CCS83 COORDINATE		
CONTRACTOR	NTP DATE	42340-03-D
INSPECTOR	NOC DATE	

ROCK ST



Alignment Name: College ave
 Alignment Description: College ave
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 PI () 8+95.37 1853878.52 6311835.06
 PI () 9+10.73 1853865.38 6311843.01
 Tangential Direction: S 31° 09'15" E
 Tangential Length: 15.36

Element: Linear
 PI () 9+10.73 1853865.38 6311843.01
 PI () 9+19.28 1853857.46 6311846.22
 Tangential Direction: S 22° 03'51" E
 Tangential Length: 8.55

Element: Linear
 PI () 9+19.28 1853857.46 6311846.22
 PC () 9+60.26 1853818.64 6311859.35
 Tangential Direction: S 18° 41'39" E
 Tangential Length: 40.98

Element: Circular
 PC () 9+60.26 1853818.64 6311859.35
 PI () 10+79.63 1853708.39 6311905.11
 CC () 1853406.17 6310865.55
 PT () 11+98.02 1853590.79 6311925.59
 Radius: 1076.00
 Delta: 12° 39'38" Right
 Degree of Curvature (Arc): 5° 19'30"
 Length: 237.76

Element: Linear
 PT () 11+98.02 1853590.79 6311925.59
 PC () 18+28.01 1852970.11 6312033.46
 Tangential Direction: S 9° 51'33" E
 Tangential Length: 629.99

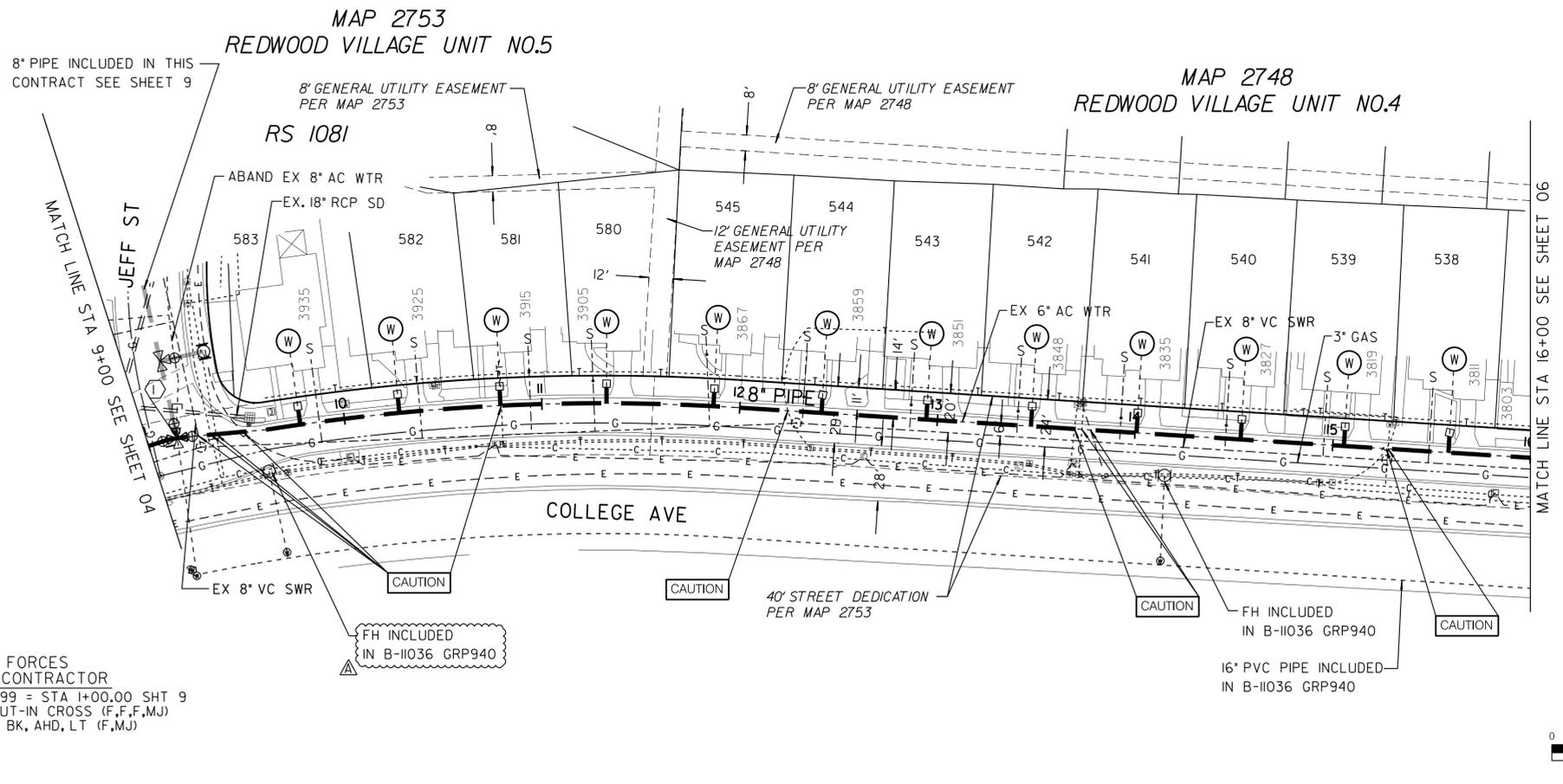
SCALE
 1"=40' HORIZ.
 1"=4' VERT.

REFERENCE:
 WATER: 08728-0-L
 SEWER: 08728-0-L, 08699-0-L
 STORM DRAIN: N/A
 GAS: 16207-118880, 16207-118885
 ELECTRIC: 16207-118880, 16207-118875
 TELEPHONE: 34174-A3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L18S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6" - AC - 700' - 1951
 1" SERVICE - 11 - UNK - 1951
 0.75" SERVICE - 1 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

C-3



BY CITY FORCES
 AHD OF CONTRACTOR
 STA 9+14.99 = STA 1+00.00 SHT 9
 1 - 8"x8" CUT-IN CROSS (F,F,MJ)
 3 - 8" GV BK, AHD, LT (F,MJ)

CAUTION
 FH INCLUDED
 IN B-11036 GRP940

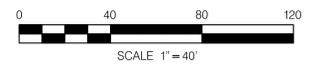
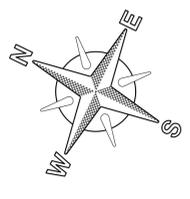
CAUTION

40' STREET DEDICATION
 PER MAP 2753

CAUTION

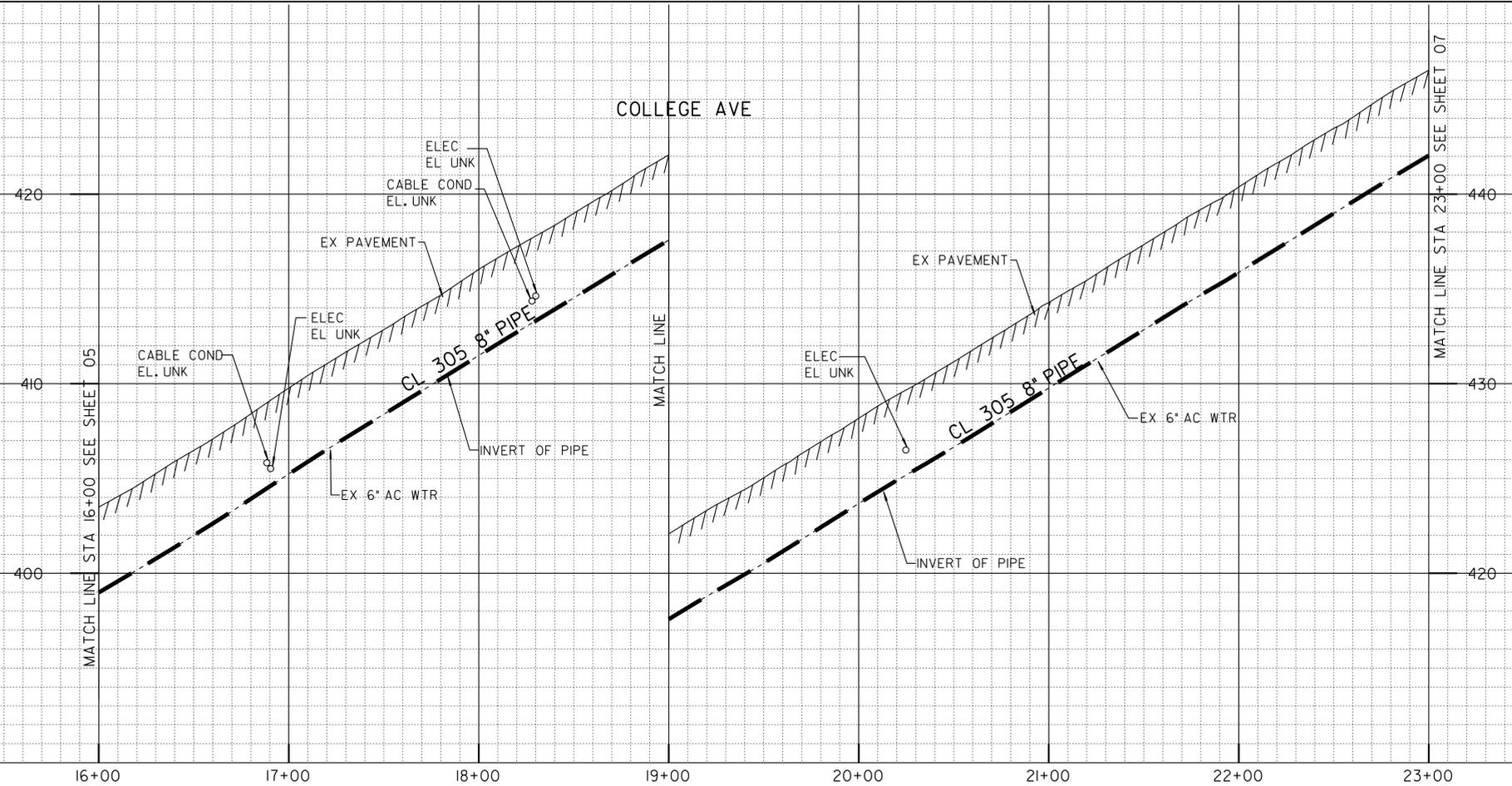
CAUTION
 FH INCLUDED
 IN B-11036 GRP940
 16" PVC PIPE INCLUDED
 IN B-11036 GRP940

CAUTION



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 05 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>REX NARVAEZ</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE 01/29/2024 C-88070		SUBMITTED BY JODY CHEUNG PROJECT MANAGER	
DESCRIPTION ORIGINAL		BY RA/CN		DATE 01/29/24	
ADDENDUM A		BY RA/CN		DATE 02/29/24	
PROJECT ENGINEER CARLOS NAVARRO		PROJECT NUMBER 212-1749		COORDINATE CCS27	
PROJECT NUMBER 1852-6309		COORDINATE CCS83		PROJECT NUMBER 42340-05-D	
CONTRACTOR INSPECTOR		NTP DATE NOC DATE			

COLLEGE AVE



Alignment Name: College ave
 Alignment Description: College ave
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 PT () 11+98.02 1853590.79 6311925.59
 PC () 18+28.01 1852970.11 6312033.46
 Tangential Direction: S 9° 51'33" E
 Tangential Length: 629.99

Element: Circular
 PC () 18+28.01 1852970.11 6312033.46
 PI () 20+70.35 1852731.39 6312075.19
 CC () 1853129.20 6312943.66
 PCC () 23+02.01 1852543.87 6312228.70
 Radius: 924.00
 Delta: 29° 23'32" Left
 Degree of Curvature (Arc): 6' 12'03"
 Length: 474.00

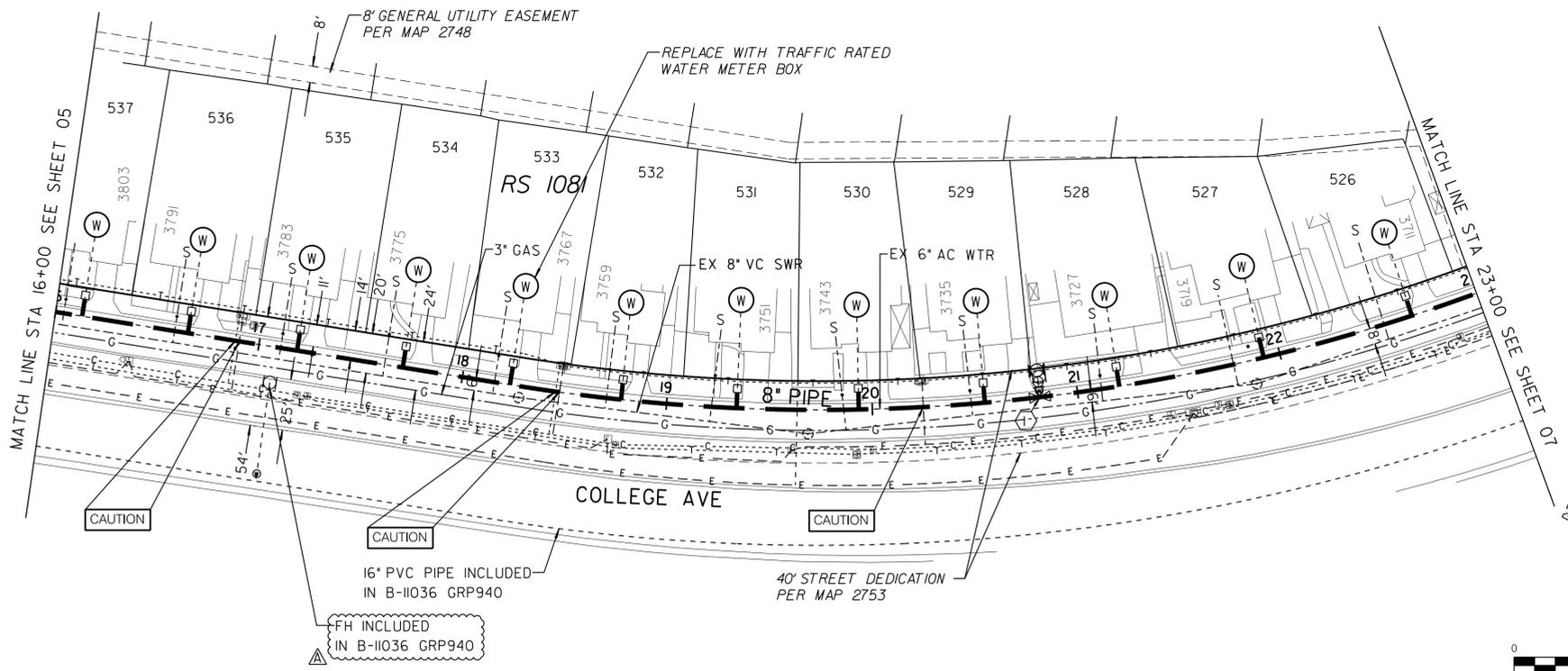
SCALE
 1"=40' HORIZ.
 1"=4' VERT.

REFERENCE:
 WATER: 08728-0-L
 SEWER: 08728-0-L, 08699-0-L
 STORM DRAIN: N/A
 GAS: 16207-118880, 16207-118885
 ELECTRIC: 16207-118875, 16215-118870
 TELEPHONE: 34174-B3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L185
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6" - AC - 700' - 1951
 FH - 2
 1" SERVICE - 11 - UNK - 1951
 0.75' SERVICE - 1 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

MAP 2748
 REDWOOD VILLAGE UNIT NO.4



BY CONTRACTOR
 FURNISH AND INSTALL
 STA 20+81.58
 1- 8"x6" TEE (M.J,M,F)
 1- 6" FH ASSY AND
 MARKER, LT

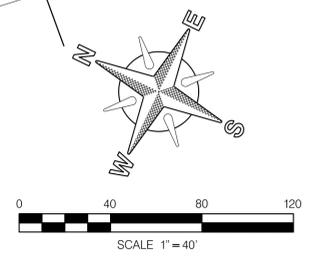
CAUTION

16" PVC PIPE INCLUDED
 IN B-11036 GRP940

FH INCLUDED
 IN B-11036 GRP940

40' STREET DEDICATION
 PER MAP 2753

CAUTION

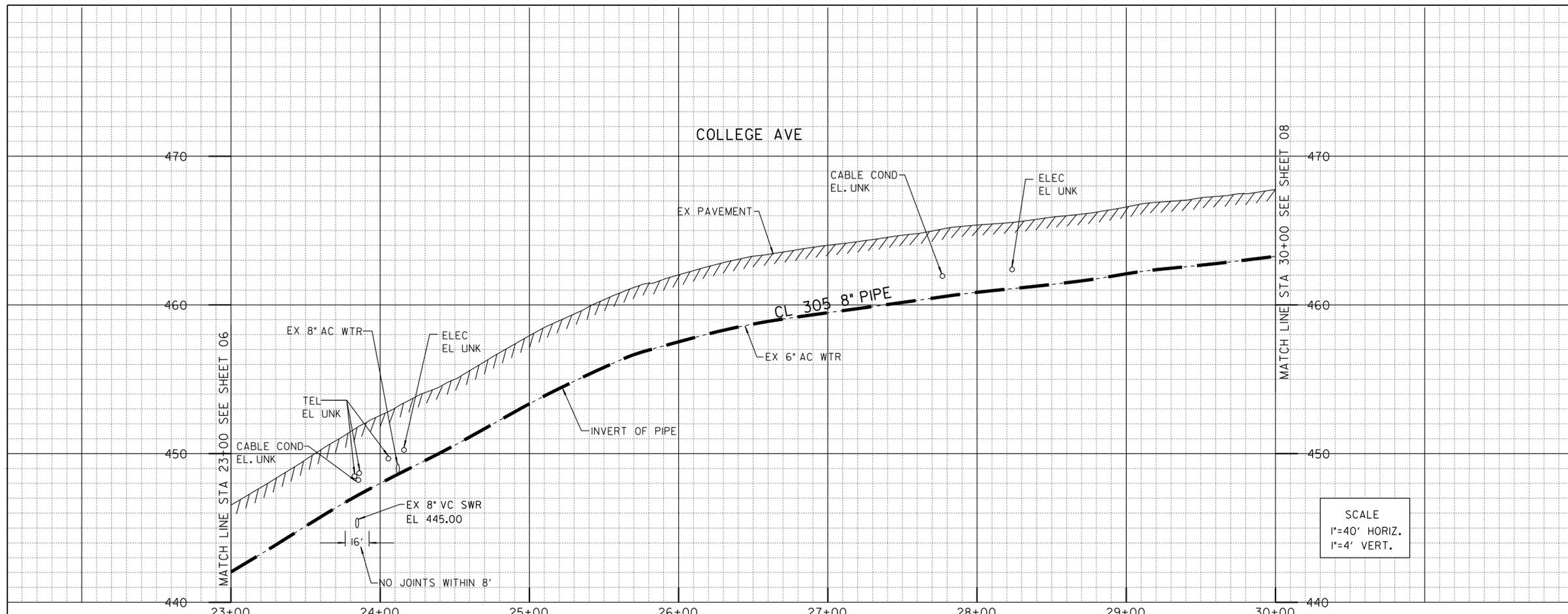


C-4

REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 COLLEGE AVE
 STA 16+00 TO STA 23+00

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 06 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE 01/29/2024 DATE C-88070 RCE#		SUBMITTED BY JODY CHEUNG PROJECT MANAGER	
DESCRIPTION		BY	APPROVED	DATE	FILMED
ORIGINAL		RA/CN	PP	01/29/24	212-1749
ADDENDUM A		RA/CN	PP	02/29/24	CCS27 COORDINATE
					1852-6309
					CCS83 COORDINATE
CONTRACTOR INSPECTOR		NTP DATE NOC DATE		42340-06-D	

COLLEGE AVE



Alignment Name: College ave
 Alignment Description: College ave
 Alignment Style: Default
 Station Northing Easting

Element: Circular
 PCC () 23+02.01 1852543.87 6312228.70
 PI () 23+27.49 1852524.16 6312244.84
 CC () 1853129.20 6312943.66
 PT () 23+52.96 1852505.36 6312262.04
 Radius: 924.00
 Delta: 3° 09' 33" Left
 Degree of Curvature (Arc): 6° 12' 03"
 Length: 50.95

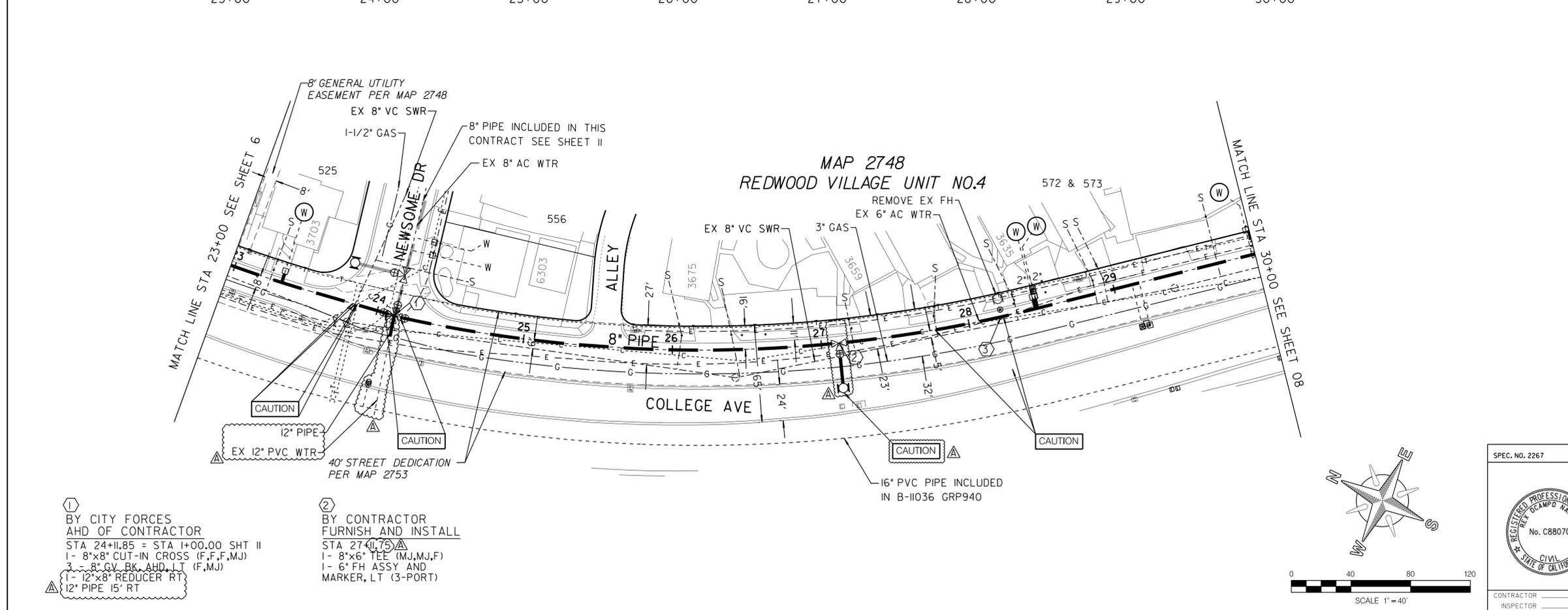
Element: Linear
 PT () 23+52.96 1852505.36 6312262.04
 PC () 24+17.11 1852458.20 6312305.52
 Tangential Direction: S 42° 39' 57" E
 Tangential Length: 64.14

Element: Circular
 PC () 24+17.11 1852458.20 6312305.52
 PI () 24+75.29 1852418.10 6312347.68
 CC () 1853129.20 6312943.66
 PT () 25+33.33 1852383.59 6312394.53
 Radius: 926.00
 Delta: 7° 11' 28" Left
 Degree of Curvature (Arc): 6° 11' 15"
 Length: 116.22

Element: Linear
 PT () 25+33.33 1852383.59 6312394.53
 PC () 25+74.48 1852359.93 6312428.20
 Tangential Direction: S 54° 54' 07" E
 Tangential Length: 41.16

Element: Circular
 PC () 25+74.48 1852359.93 6312428.20
 PI () 27+10.77 1852284.06 6312541.43
 CC () 1853129.20 6312943.66
 PT () 28+45.12 1852244.03 6312671.71
 Radius: 926.00
 Delta: 16° 44' 44" Left
 Degree of Curvature (Arc): 6° 11' 15"
 Length: 270.64

Element: Linear
 PT () 28+45.12 1852244.03 6312671.71
 POE () 32+37.36 1852128.84 6313046.65
 Tangential Direction: S 72° 55' 18" E
 Tangential Length: 392.25



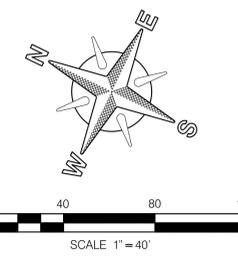
REFERENCE:
 WATER: 08728-0-L, 08852-0-L
 SEWER: 08728-0-L, 08699-0-L
 STORM DRAIN: N/A
 GAS: 16215-18870
 ELECTRIC: 16215-18870
 TELEPHONE: 34174-B3,B4
 IMPROVEMENTS: N/A
 100' SCALE FIELD BOOK: L18S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6" - AC - 700' - 1951
 FH - 1
 0.75" SERVICE - 1 - UNK - 1957
 1" SERVICE - 1 - UNK - 1951
 2" SERVICE - 1 - UNK - 1951
 2" SERVICE - 1 - UNK - 1962

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 COLLEGE AVE
 NO NEWSOME DR TO STA 30+00

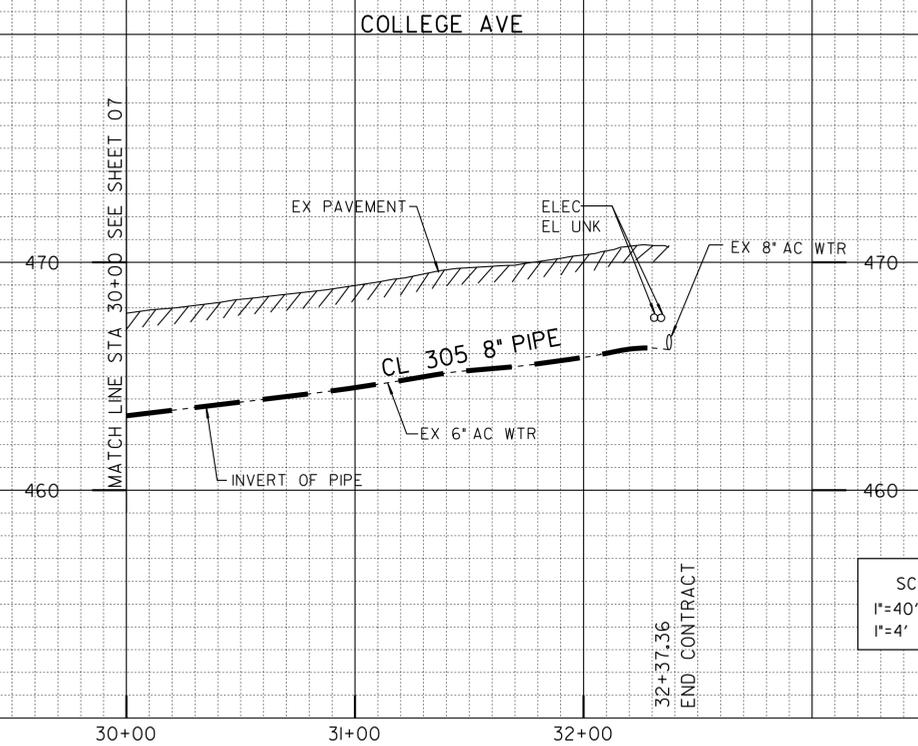
- ① BY CITY FORCES
 AHD OF CONTRACTOR
 STA 24+11.85 = STA 1+00.00 SHT II
 1- 8"x8" CUT-IN CROSS (F,F,MJ)
 3- 8" CV BK AHD LT (F,MJ)
 1- 12"x8" REDUCER RT
 12" PIPE 15' RT
- ② BY CONTRACTOR
 FURNISH AND INSTALL
 STA 27+11.75
 1- 8"x6" TEE (MJ,MJ,F)
 1- 6" FH ASSY AND
 MARKER, LT (3-PORT)



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 07 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>REX</i> FOR CITY ENGINEER REX NARVAEZ DATE: 01/29/2024 PROJECT ENGINEER CARLOS NAVARRO		DATE: 01/29/2024 PROJECT NUMBER: C-88070 RCE#		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>REX</i>	01/29/24		210-1749
ADDENDUM A	RA/CN	<i>REX</i>	02/29/24		CCS27 COORDINATE
					1850-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR			NTP DATE		42340-07-D
			NOC DATE		

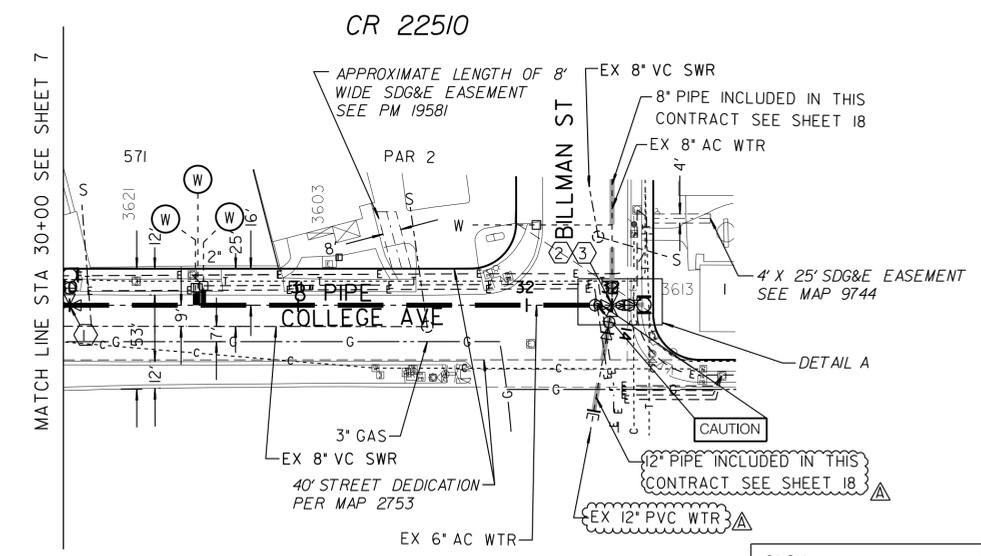
Alignment Name: College ave
 Alignment Description: College ave
 Station Style: Default
 Station Northing Easting

Element: Linear
 PT () 28+45.12 1852244.03 6312671.71
 POE () 32+37.36 1852128.84 6313046.65
 Tangential Direction: S 72° 55'18" E
 Tangential Length: 392.25



SCALE
 1"=40' HORIZ.
 1"=4' VERT.

MAP 2748
 REDWOOD VILLAGE UNIT NO.4



REFERENCE:
 WATER: 08852-0-L
 SEWER: 08698-0-L
 STORM DRAIN: N/A
 GAS: 16222-118865
 ELECTRIC: 16222-118865
 TELEPHONE: 34174-B4
 100' SCALE/FIELD BOOK: L185
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

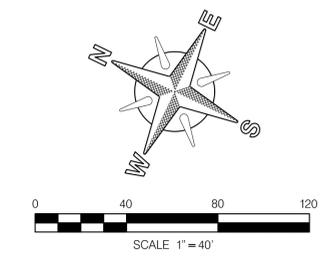
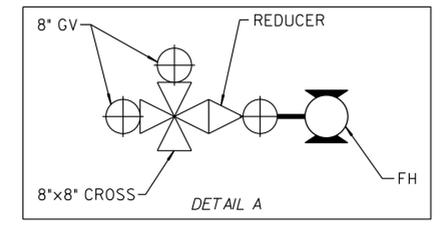
RETIREMENTS:
 6" - AC - 237.36' - 1951
 FH - 1
 0.75" SERVICE - 1 - UNK - 1957
 1" SERVICE - 1 - UNK - 1951
 2" SERVICE - 1 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

C-6

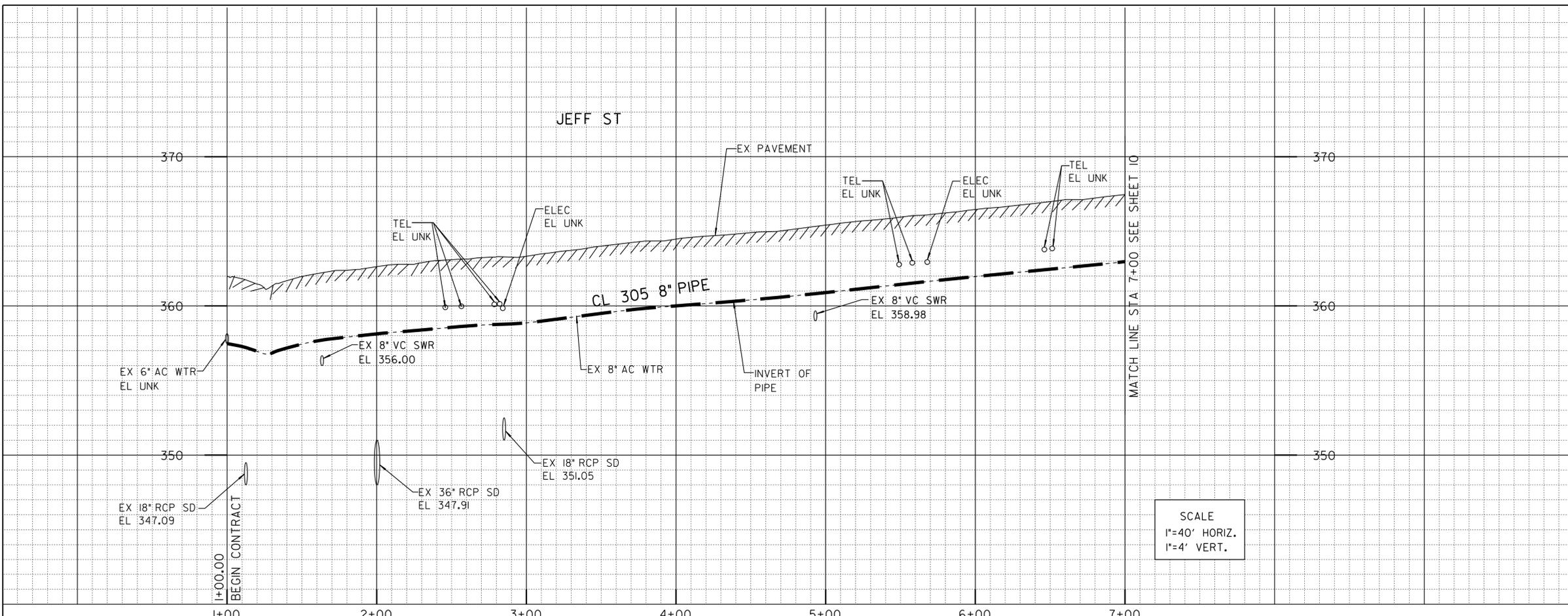
REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 COLLEGE AVE
 STA 30+00 TO BILLMAN ST

- ① BY CONTRACTOR FURNISH AND INSTALL
 STA 30+00.00
 1- 8"x6" TEE (M,J,M,F)
 1- 6" FH ASSY AND MARKER (3-PORT) LT
- ② BY CITY FORCES AHD OF CONTRACTOR
 STA 32+37.36 = STA 13+87.59 SHT 18
 1- 8"x8" CUT-IN CROSS (F,F,F,F)
 3 - 8" GV BK, RT, LT (F,M,J)
 1- 8"x6" REDUCER AHD CUT & PLUG 49" RT
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ③ BY CONTRACTOR FURNISH AND INSTALL
 STA 32+37.36 = STA 13+87.59 SHT 18
 1- 6" FH ASSY AND MARKER (3-PORT)
 1- 8"x12" PVC PIPE RT



SPEC. NO. 2267 	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 08 OF 60 SHEETS		WATER WBS B-19194
	APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME	DATE: 01/29/2024 PROJECT NUMBER: C-88070 RCE#	SUBMITTED BY: JODY CHEUNG PROJECT MANAGER DESIGNED BY: CARLOS NAVARRO PROJECT ENGINEER
DESCRIPTION ORIGINAL ADDENDUM A	BY: RA/CN RA/CN	APPROVED: <i>RN</i> DATE: 01/29/24 DATE: 02/29/24	FILMED: 210-1749 CCS27 COORDINATE 1850-6309 CCS83 COORDINATE 42340-08-D
CONTRACTOR INSPECTOR	NTP DATE NOC DATE		

COLLEGE AVE



Alignment Name: Jeff st
 Alignment Description: Jeff st
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 POB () 1+00.00 1853861.44 6311844.60
 P() 1+87.14 1853899.62 6311922.93
 Tangential Direction: N 64° 00' 39" E
 Tangential Length: 87.14

Element: Linear
 P() 2+57.76 1853899.62 6311922.93
 P() 2+57.76 1853899.62 6311993.56
 Tangential Direction: S 90° 00' 00" E
 Tangential Length: 70.63

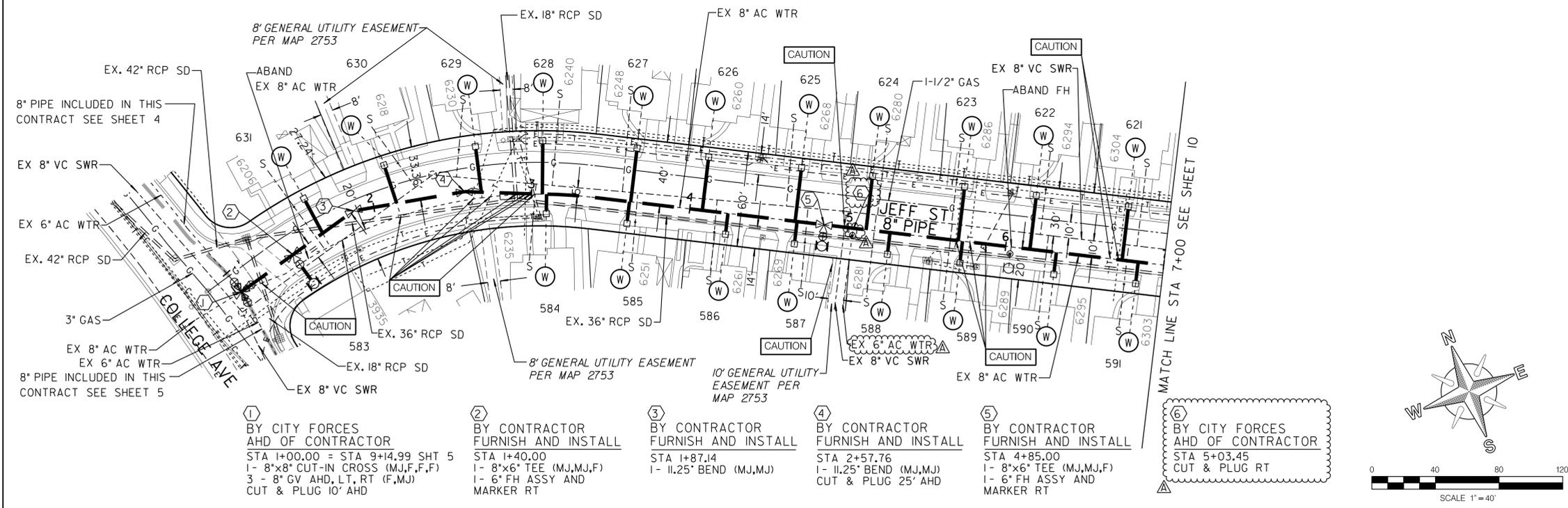
Element: Linear
 P() 2+57.76 1853899.62 6311993.56
 P() 3+04.98 1853889.98 6312039.78
 Tangential Direction: S 78° 13' 24" E
 Tangential Length: 47.22

Element: Circular
 PC () 3+04.98 1853889.98 6312039.78
 P() 3+21.17 1853887.16 6312055.72
 CC () 1853601.32 6311988.58
 PT () 3+37.32 1853882.59 6312071.24
 Radius: 293.17
 Delta: 6° 19' 09" Right
 Degree of Curvature (Arc): 19° 32' 37"
 Length: 32.33

Element: Linear
 PT () 3+37.32 1853882.59 6312071.24
 P() 4+98.13 1853836.43 6312225.29
 Tangential Direction: S 73° 19' 08" E
 Tangential Length: 160.82

Element: Linear
 P() 4+98.13 1853836.43 6312225.29
 POE () 13+90.62 1853580.25 6313080.22
 Tangential Direction: S 73° 19' 08" E
 Tangential Length: 892.49

MAP 2753
 REDWOOD VILLAGE UNIT NO.5



REFERENCE:
 WATER: 08728-0-L
 SEWER: 08728-0-L
 STORM DRAIN: 08726-0-L, 08725-0-L
 GAS: 16207-118885
 ELECTRIC: 16207-118885, 16215-118880
 TELEPHONE: 34174-A3,A4
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L18S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 8" - AC - 600' - 1951
 FH - 1
 0.75" SERVICE - 1 - UNK - 1957
 1" SERVICE - 18 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

- ① BY CITY FORCES AHD OF CONTRACTOR
 STA 1+00.00 = STA 9+14.99 SHT 5
 1- 8"x8" CUT-IN CROSS (M,J,F,F)
 3 - 8" GV AHD, LT, RT (F,MJ)
 CUT & PLUG 10' AHD
- ② BY CONTRACTOR FURNISH AND INSTALL
 STA 1+40.00
 1- 8"x6" TEE (M,J,M,J,F)
 1- 6" FH ASSY AND MARKER RT
- ③ BY CONTRACTOR FURNISH AND INSTALL
 STA 1+87.14
 1- 11.25" BEND (M,J,M,J)
- ④ BY CONTRACTOR FURNISH AND INSTALL
 STA 2+57.76
 1- 11.25" BEND (M,J,M,J)
 CUT & PLUG 25' AHD
- ⑤ BY CONTRACTOR FURNISH AND INSTALL
 STA 4+85.00
 1- 8"x6" TEE (M,J,M,J,F)
 1- 6" FH ASSY AND MARKER RT
- ⑥ BY CITY FORCES AHD OF CONTRACTOR
 STA 5+03.45
 CUT & PLUG RT

SPEC. NO. 2267

CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING & CAPITAL PROJECTS DEPARTMENT
 SHEET 09 OF 60 SHEETS

WATER WBS: B-19194

APPROVED: REX NARVAEZ DATE: 01/29/24
 FOR CITY ENGINEER REX NARVAEZ DATE: C-88070
 PRINT DCE NAME: RCE#

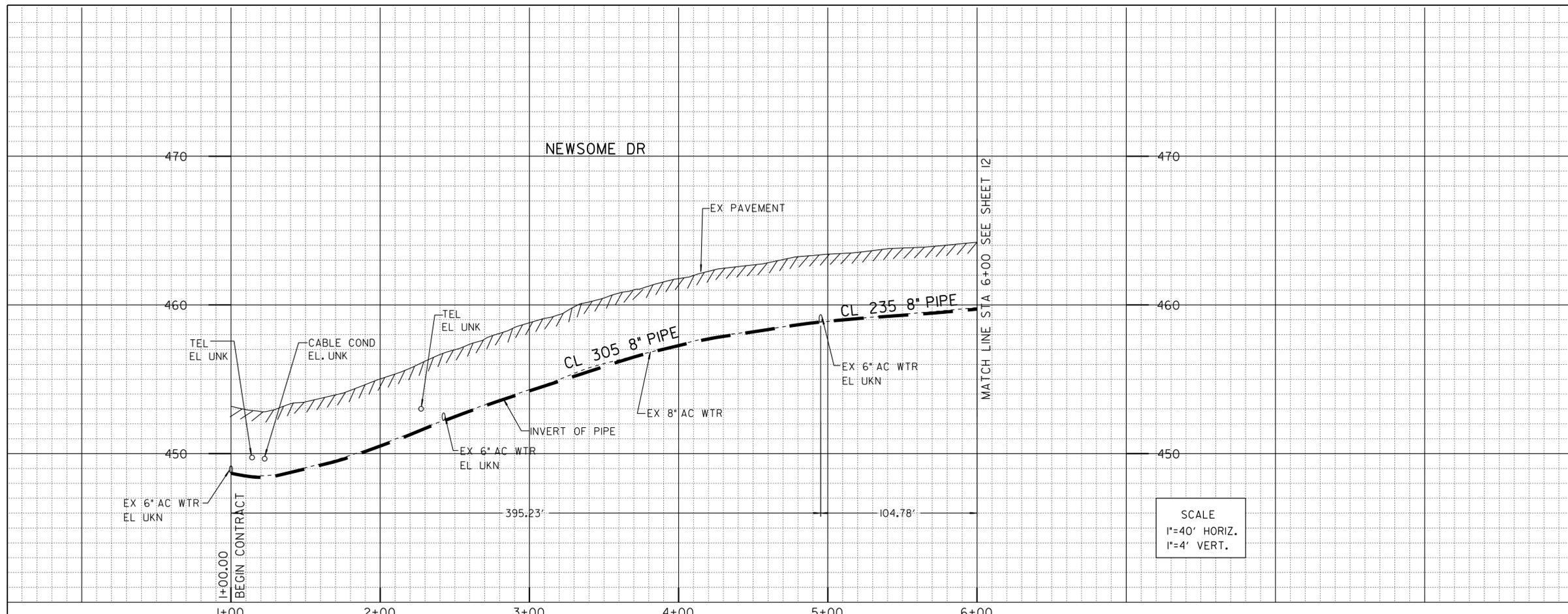
DESIGNED BY: JODY CHEUNG PROJECT MANAGER
 CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RA/CN	RP	01/29/24	212-1749
ADDENDUM A	RA/CN	RP	02/29/24	CCS27 COORDINATE

1852-6309
 CCS83 COORDINATE

CONTRACTOR: _____ NTP DATE: _____
 INSPECTOR: _____ NOC DATE: _____

42340-09-D



Alignment Name: Newsome dr
 Alignment Description: Newsome dr
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 POB () 1+00.00 1852462.06 6312301.96
 P() 1+03.81 1852464.41 6312304.95
 Tangential Direction: N 51° 5'39" E
 Tangential Length: 3.81

Element: Linear
 P() 1+36.96 1852487.71 6312328.54
 P() 1+36.96 1852487.71 6312328.54
 Tangential Direction: N 45° 20'59" E
 Tangential Length: 33.15

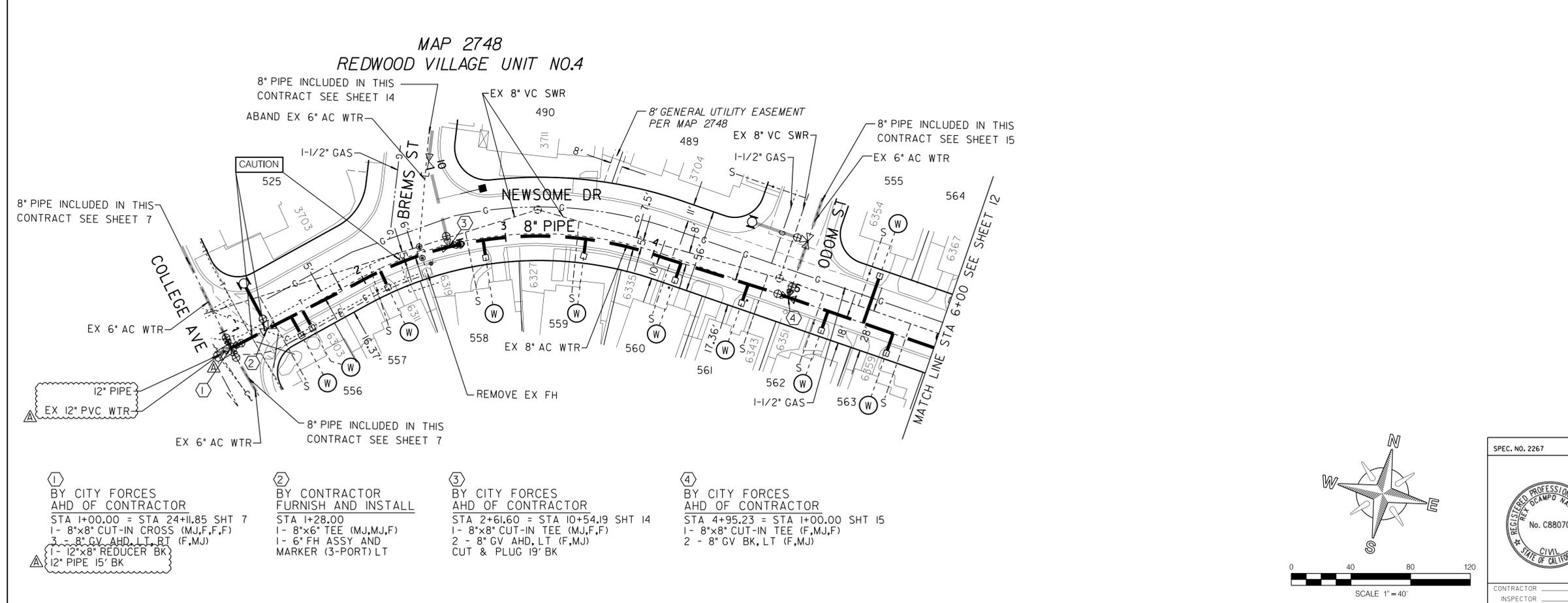
Element: Linear
 P() 1+36.96 1852487.71 6312328.54
 P() 2+14.91 1852541.49 6312384.96
 Tangential Direction: N 46° 22'14" E
 Tangential Length: 77.95

Element: Circular
 PC () 2+14.91 1852541.49 6312384.96
 P() 3+16.39 1852608.38 6312461.28
 CC () 1852354.30 6312548.99
 PT () 4+07.64 1852602.82 6312562.62
 Radius: 248.90
 Delta: 44° 21'58" Right
 Degree of Curvature (Arc): 23° 01'11"
 Length: 192.73

Element: Linear
 PT () 4+07.64 1852602.82 6312562.62
 P() 4+82.68 1852601.68 6312637.65
 Tangential Direction: S 89° 07'42" E
 Tangential Length: 75.04

Element: Linear
 P() 4+82.68 1852601.68 6312637.65
 P() 8+32.38 1852586.29 6312987.02
 Tangential Direction: S 87° 28'40" E
 Tangential Length: 349.71

SCALE
 1"=40' HORIZ.
 1"=4' VERT.



REFERENCE:
 WATER: 08699-0-L
 SEWER: 08699-0-L
 STORM DRAIN: N/A
 GAS: 16215-118870
 ELECTRIC: 16215-118870
 TELEPHONE: 34174-B3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L18S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

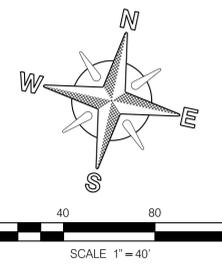
RETIREMENTS:
 8" - AC - 500' - 1951
 FH - 1
 1" SERVICE - 8 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

C-9

REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 NEWSOME DR
 COLLEGE AVE TO STA 6+00

- ① BY CITY FORCES
 AHD OF CONTRACTOR
 STA 1+00.00 = STA 24+11.85 SHT 7
 1- 8"x8" CUT-IN CROSS (M,J,F,F,F)
 3- 8" GV AHD, LT, RT (F,M,J)
 1- 12"x8" REDUCER BK
 12" PIPE 15' BK
- ② BY CONTRACTOR
 FURNISH AND INSTALL
 STA 1+28.00
 1- 8"x6" TEE (M,J,M,F)
 1- 6" FH ASSY AND
 MARKER (3-PORT) LT
- ③ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 2+61.60 = STA 10+54.19 SHT 14
 1- 8"x8" CUT-IN TEE (M,J,F,F)
 2 - 8" GV AHD, LT (F,M,J)
 CUT & PLUG 19' BK
- ④ BY CITY FORCES
 AHD OF CONTRACTOR
 STA 4+95.23 = STA 1+00.00 SHT 15
 1- 8"x8" CUT-IN TEE (F,M,J,F)
 2 - 8" GV BK, LT (F,M,J)



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 11 OF 60 SHEETS		WATER WBS# B-19194	
APPROVED: <i>PN</i> FOR CITY ENGINEER REX NAVRAEZ PRINT DCE NAME		DATE: 01/29/2024 DATE: C-88070 RCE#		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
DESCRIPTION		BY	APPROVED	DATE	FILMED
ORIGINAL	RA/CN	<i>PN</i>		01/29/24	212-1749
ADDENDUM A	RA/CN	<i>PN</i>		02/29/24	CCS27 COORDINATE
				1852-6309 CCS83 COORDINATE	
CONTRACTOR				NTP DATE	
INSPECTOR				NOC DATE	
				42340-11-D	

NEWSOME DR

Alignment Name: Odom st & Twila st
 Alignment Description: Odom st & Twila st
 Alignment Style: Default
 Station Northing Easting

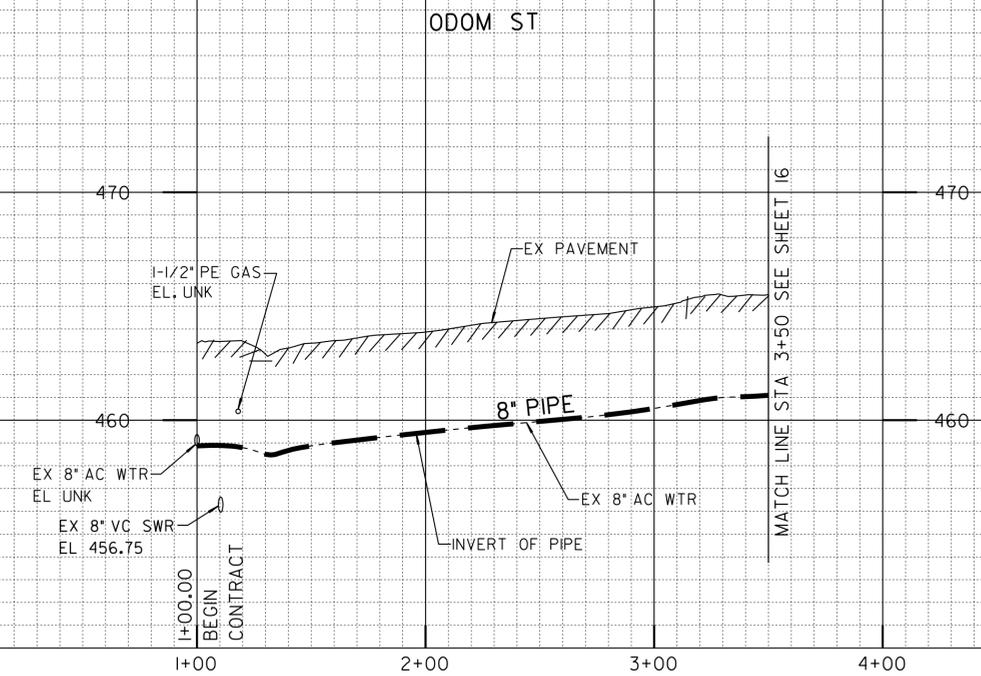
Element: Linear
 POB () 1+00.00 185260.13 6312650.19
 PI () 3+28.04 1852828.95 6312660.26
 Tangential Direction: N 2° 31'50" E
 Tangential Length: 228.04

Element: Linear
 PI () 3+28.04 1852828.95 6312660.26
 PI () 3+67.59 1852855.63 6312689.45
 Tangential Direction: N 47° 34'38" E
 Tangential Length: 39.55

Element: Linear
 PI () 3+67.59 1852855.63 6312689.45
 PI () 6+08.22 1852845.16 6312929.85
 Tangential Direction: S 87° 30'24" E
 Tangential Length: 240.62

Element: Linear
 PI () 6+08.22 1852845.16 6312929.85
 PI () 6+56.13 1852845.37 6312977.76
 Tangential Direction: N 89° 45'12" E
 Tangential Length: 47.91

Element: Linear
 PI () 6+56.13 1852845.37 6312977.76
 POE () 6+60.02 1852846.26 6312981.54
 Tangential Direction: N 76° 41'01" E
 Tangential Length: 3.88



SCALE
 1"=40' HORIZ.
 1"=4' VERT.

REFERENCE:
 WATER: 08698-0-L, 06392-0-W
 SEWER: 08698-0-L
 STORM DRAIN: N/A
 GAS: 16215-118870
 ELECTRIC: N/A
 CABLE TV: N/A
 TELEPHONE: N/A
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L195
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6" - AC - 250' - 1951
 FH - 1
 0.75" SERVICE - 2 - UNK - 1951
 1" SERVICE - 3 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

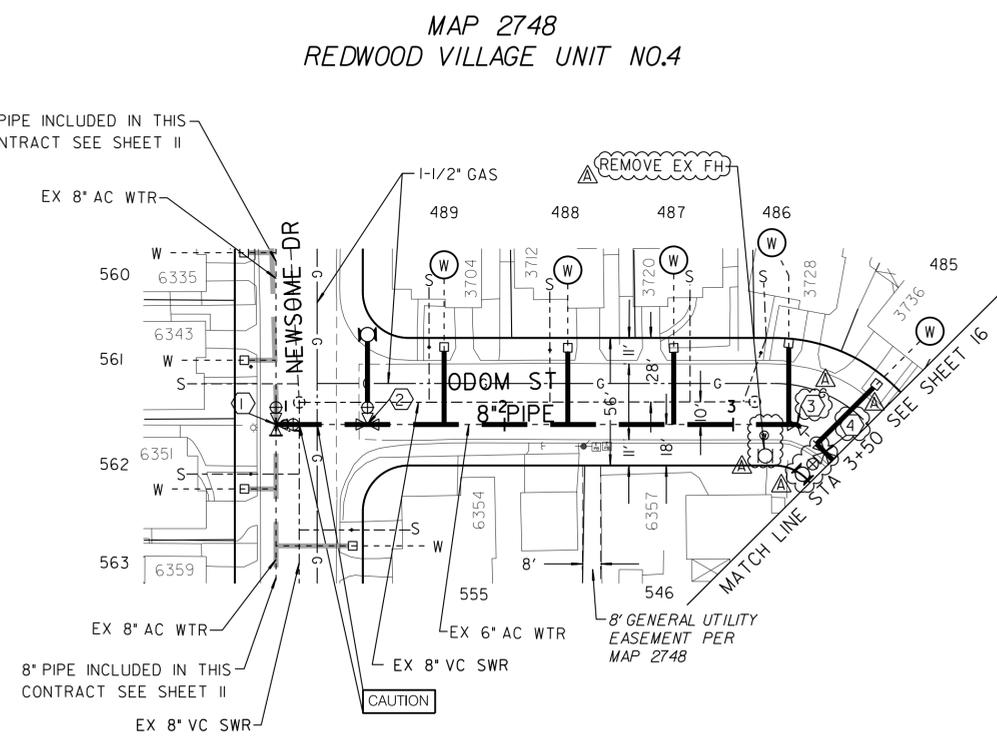
①
 BY CITY FORCES
 AHD OF CONTRACTOR
 STA 1+00.00 = STA 4+95.23 SHT II
 1- 8"x8" CUT-IN TEE (F,F,M,J)
 2 - 8" GV LT, AHD (F,M,J)

②
 BY CONTRACTOR
 FURNISH AND INSTALL
 STA 1+40.03
 1- 8"x6" TEE (M,J,M,J,F)
 1- 6" FH ASSY AND
 MARKER RT

③
 BY CONTRACTOR
 FURNISH AND INSTALL
 STA 3+28.04
 1- 45" BEND (M,J,M,J)

④
 BY CONTRACTOR
 FURNISH AND INSTALL
 STA 3+45.11
 1- 8"x6" TEE (M,J,M,J,F)
 1- 6" FH ASSY AND
 MARKER RT

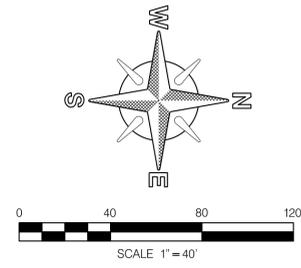
8" PIPE INCLUDED IN THIS
 CONTRACT SEE SHEET II



8" PIPE INCLUDED IN THIS
 CONTRACT SEE SHEET II

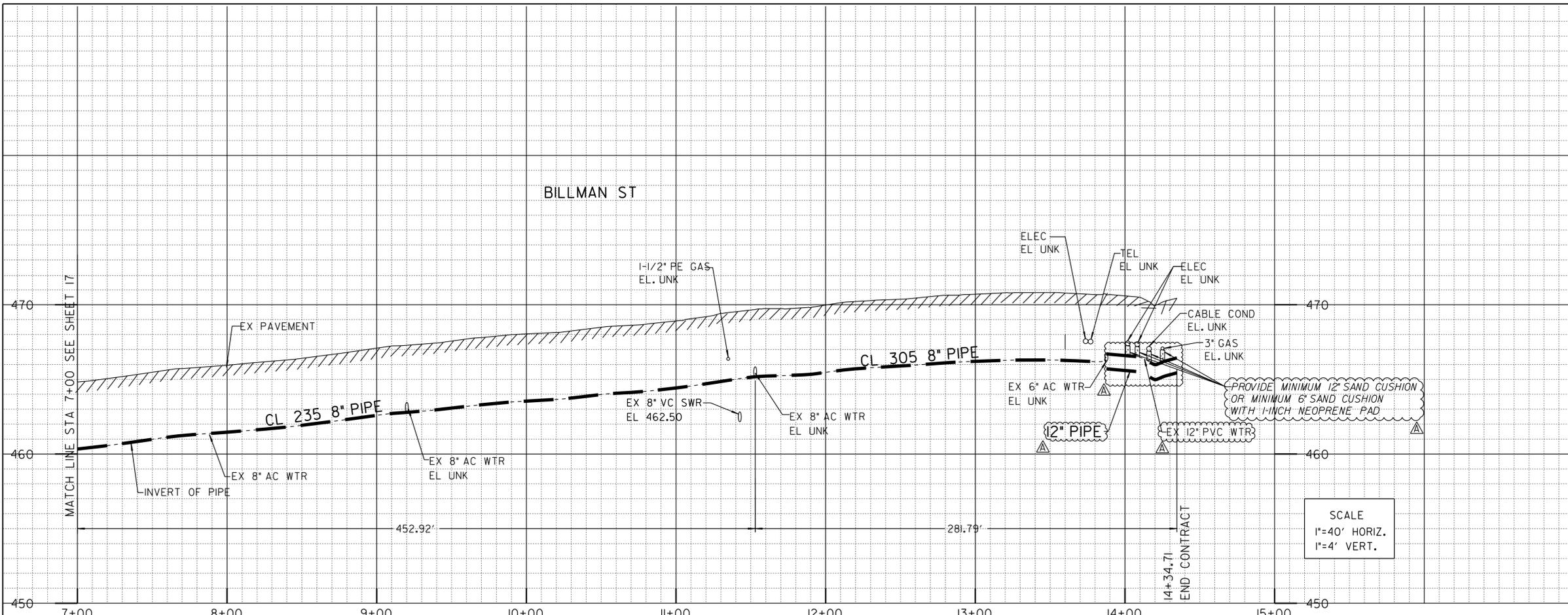
C-13

REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 ODOM ST
 NEWSOME DR TO STA 3+50



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 15 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE 01/29/2024 C-88070		SUBMITTED BY JODY CHEUNG PROJECT MANAGER	
DESCRIPTION		BY	APPROVED	DATE	FILMED
ORIGINAL		RA/CN	RP	01/29/24	212-1749
ADDENDUM A		RA/CN	RP	02/29/24	CCS27 COORDINATE
					1852-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR		NTP DATE		42340-15-D	
		NOC DATE			

ODOM ST



Alignment Name: Billman st
 Alignment Description: Billman st
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 PT () 3+31.77 1853159.00 6312907.52
 PI () 9+09.08 1852597.22 6313040.49
 Tangential Direction: S 13° 18' 58\"/>

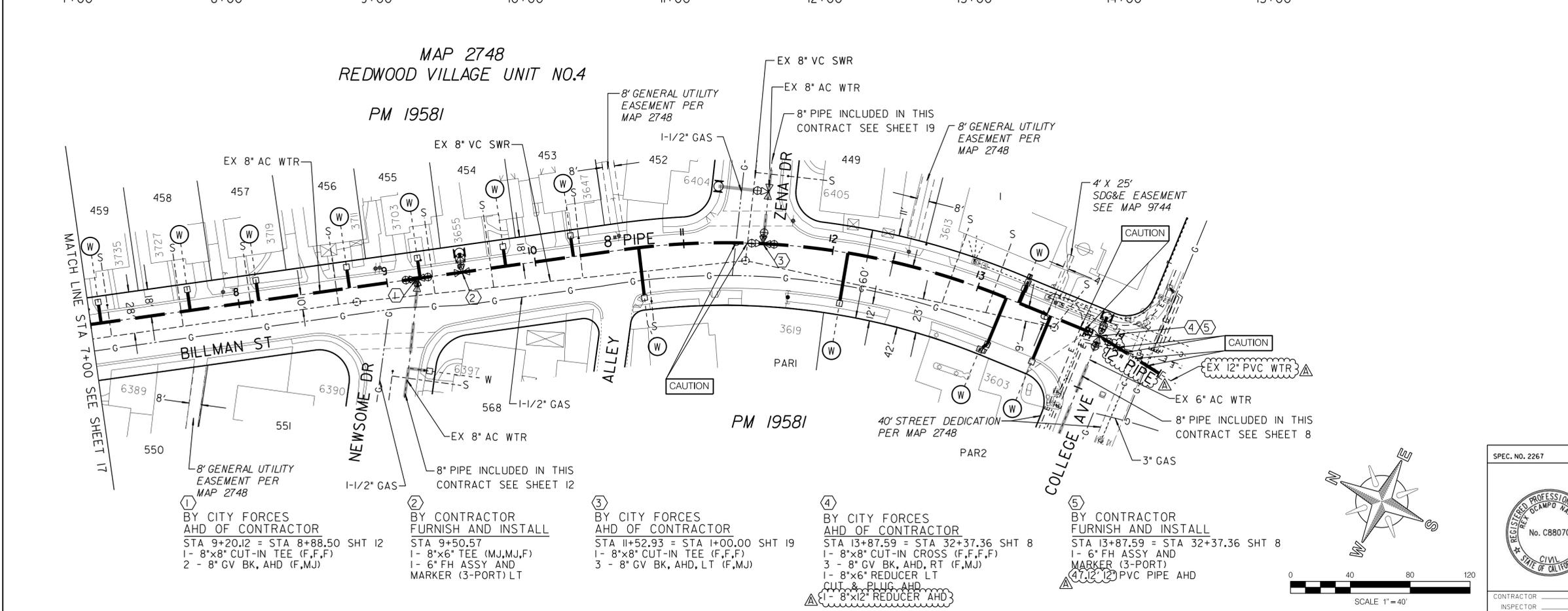
Element: Linear
 PI () 9+09.08 1852597.22 6313040.49
 PC () 10+57.75 1852452.53 6313074.69
 Tangential Direction: S 13° 17' 55\"/>

Element: Circular
 PC () 10+57.75 1852452.53 6313074.69
 PI () 11+00.43 1852411.00 6313084.51
 CC () 1852338.10 6312591.04
 PCC () 11+42.90 1852368.40 6313087.12
 Radius: 497.00
 Delta: 9° 48' 59\"/>

Element: Circular
 PCC () 11+42.90 1852368.40 6313087.12
 PI () 12+33.19 1852278.28 6313092.62
 CC () 1852338.10 6312591.04
 PT () 13+21.53 1852191.99 6313066.08
 Radius: 497.00
 Delta: 20° 35' 33\"/>

Element: Linear
 PT () 13+21.53 1852191.99 6313066.08
 PI () 13+87.59 1852128.84 6313046.65
 Tangential Direction: S 17° 05' 44\"/>

Element: Linear
 PI () 13+87.59 1852128.84 6313046.65
 POE () 14+34.71 1852086.80 6313025.37
 Tangential Direction: S 26° 51' 07\"/>



REFERENCE:
 WATER: 08698-0-L, 06392-0-W
 SEWER: 08698-0-L
 STORM DRAIN: N/A
 GAS: 16222-118865, 16222-118870
 ELECTRIC: 16222-118865
 CABLE TV: N/A
 TELEPHONE: 34174-B4
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L19S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 8" - AC - 760.64' - 1951
 FH - 2
 1" SERVICE - 5 - UNK - 1951
 1" SERVICE - 7 - UNK - 1954

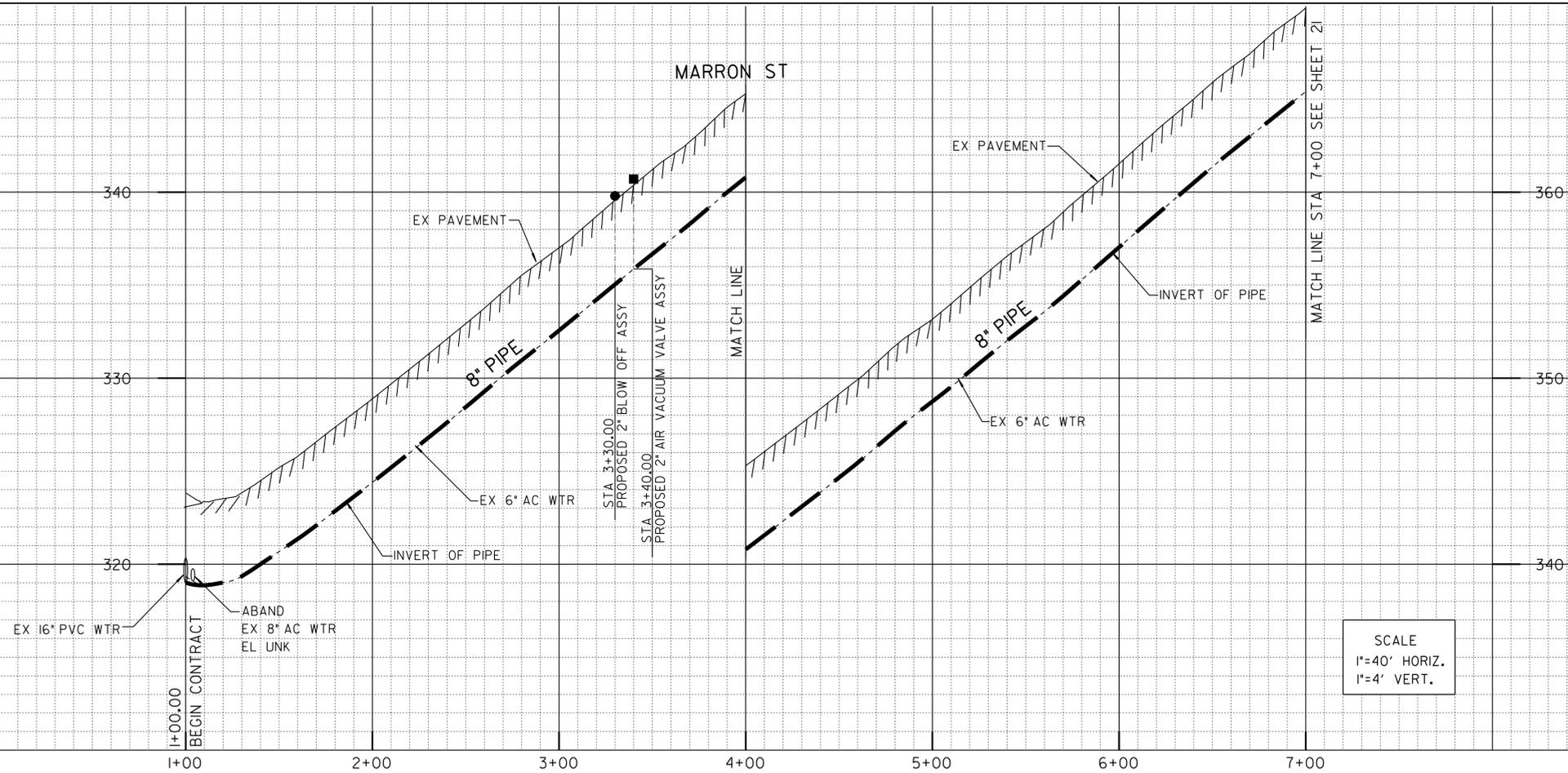
CONTRACTORS NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO OVERHEAD UTILITY LINES, AND CONGESTED UNDERGROUND UTILITIES.

C-16

REDWOOD VILLAGE ROLANDO PARK IMPROV 2
BILLMAN ST
SO TWILLA LN TO COLLEGE AVE

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 18 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>REX NARVAEZ</i> FOR CITY ENGINEER REX NARVAEZ DATE: 01/29/2024 PROJECT # C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER		DRAWN BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>REX</i>	01/29/24		212-1749
ADDENDUM A	RA/CN	<i>REX</i>	02/29/24		CCS27 COORDINATE
					1852-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR			NTP DATE		42340-18-D
			NOC DATE		

BILLMAN ST



Alignment Name: Marron st
 Alignment Description: Marron st
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 POB () 1+00.00 1854085.66 6310736.15
 PI () 1+13.44 1854072.91 6310740.38
 Tangential Direction: S 18° 20' 59" E
 Tangential Length: 13.44

Element: Linear
 PI () 1+13.44 1854072.91 6310740.38
 PI () 3+57.18 1853829.21 6310735.49
 Tangential Direction: S 1° 06' 59" W
 Tangential Length: 243.75

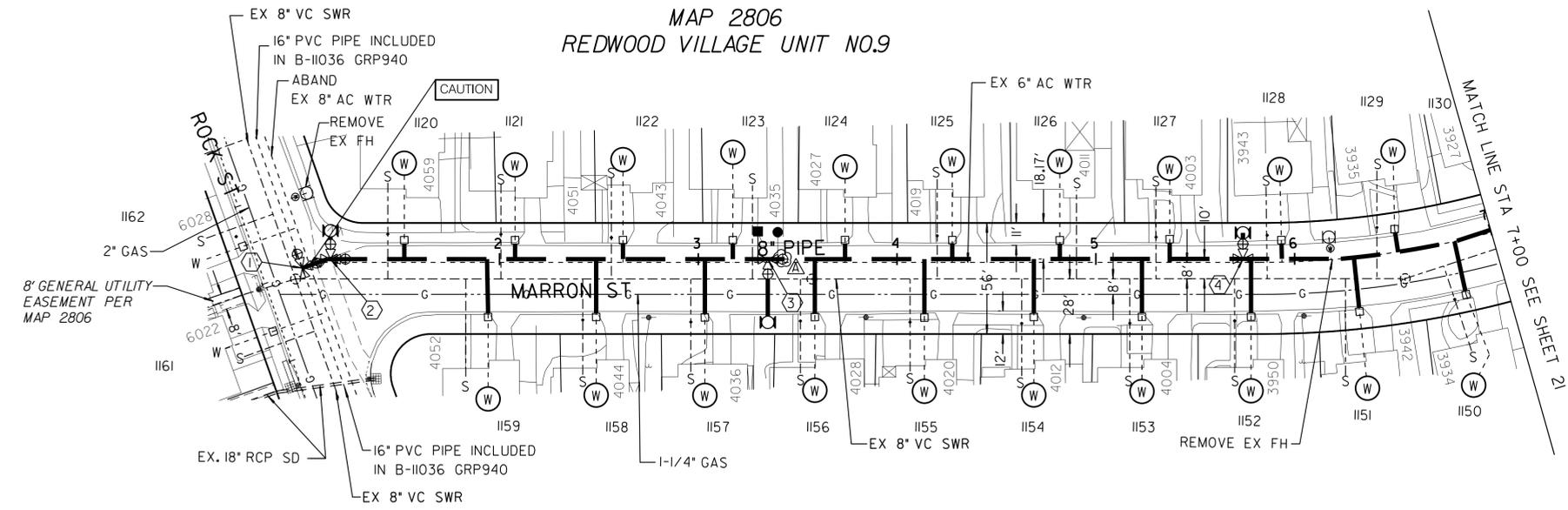
Element: Linear
 PI () 3+57.18 1853829.21 6310735.49
 PC () 6+23.23 1853563.21 6310730.37
 Tangential Direction: S 1° 06' 13" W
 Tangential Length: 266.05

Element: Circular
 PC () 6+23.23 1853563.21 6310730.37
 PI () 6+52.85 1853533.66 6310732.42
 CC () 1853594.87 6311186.28
 PT () 6+82.39 1853504.63 6310738.27
 Radius: 457.01
 Delta: 7° 25' 01" Left
 Degree of Curvature (Arc): 12° 32' 14"
 Length: 59.16

Element: Linear
 PT () 6+82.39 1853504.63 6310738.27
 PI () 9+68.09 1853231.38 6310821.70
 Tangential Direction: S 16° 58' 43" E
 Tangential Length: 285.70

Element: Linear
 PI () 9+68.09 1853231.38 6310821.70
 POE () 11+75.15 1853033.51 6310882.72
 Tangential Direction: S 17° 08' 17" E
 Tangential Length: 207.06

SCALE
 1"=40' HORIZ.
 1"=4' VERT.

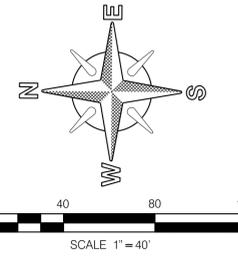


REFERENCE:
 WATER: 09071-0-L
 SEWER: 09070-0-L
 STORM DRAIN: N/A
 GAS: 16200-118885, 16200-118880
 ELECTRIC: N/A
 CABLE TV: N/A
 TELEPHONE: N/A
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L195
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6" - AC - 600' - 1952
 FH - 3
 1" SERVICE - 18 - UNK - 1952
 0.75" SERVICE - 2 - UNK - 1952

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

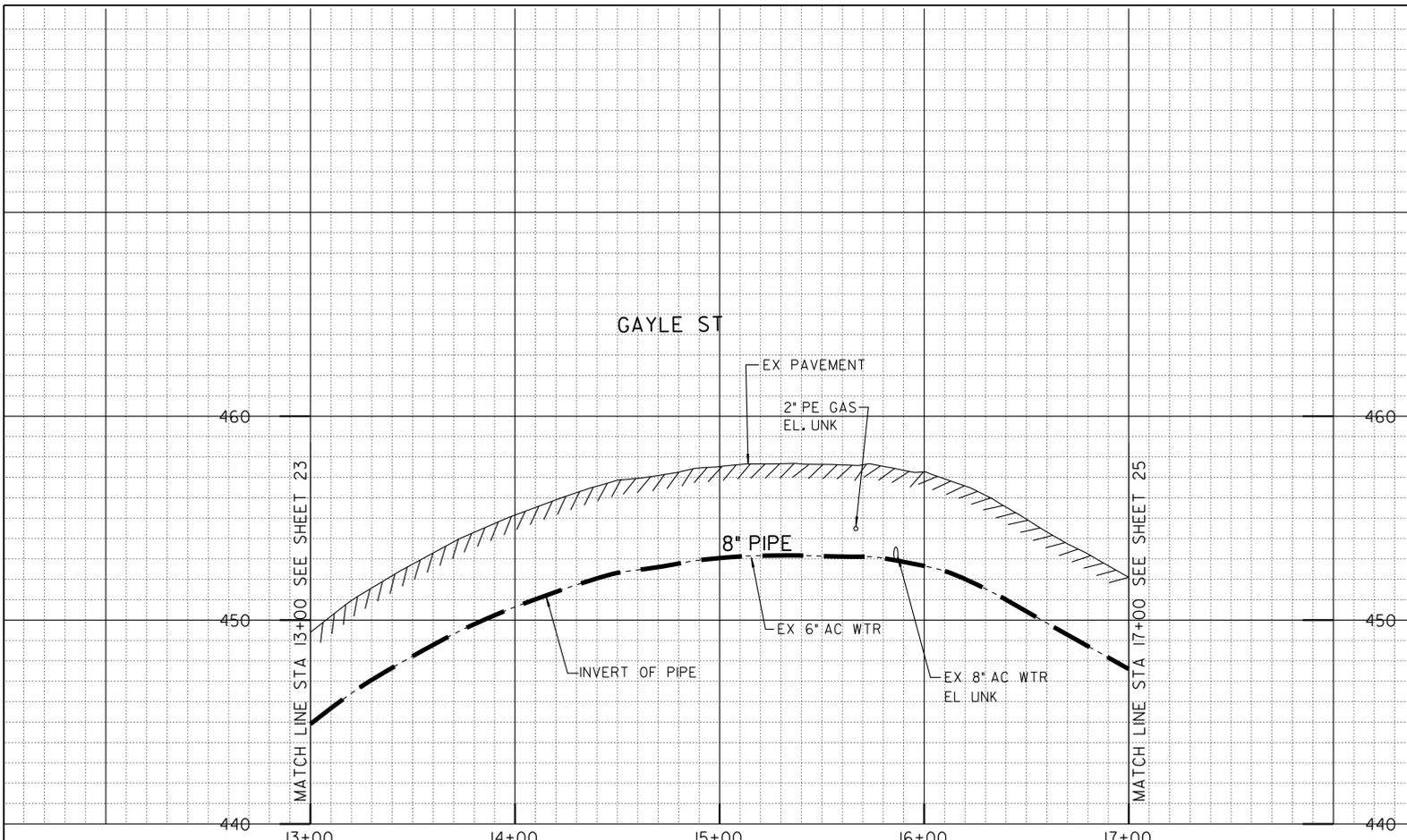
- ① BY CITY FORCES
 AHD OF CONTRACTOR
 STA 1+00.00
 1- 16"x8" CUT-IN TEE (F,F,MJ)
 1- 8" GV AHD (F,MJ)
 1- 16" BFV LT (F,MJ)
- ② BY CONTRACTOR
 FURNISH AND INSTALL
 STA 1+15.00
 1- 22 1/2" BEND BK (M,J,F)
 1- 8"x6" TEE (F,F,F)
 1- 6" FH ASSY AND
 MARKER LT
- ③ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 3+35.00
 1- 8"x6" TEE (M,J,M,F)
 1- 8" GV AHD (F,MJ)
 1- 6" FH ASSY AND
 MARKER RT
 1- 2" BLOW OFF ASSY, AHD
 1- 2" AIR-VACUUM VALVE ASSY, BK
- ④ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 5+74.00
 1- 8"x6" TEE (M,J,M,F)
 1- 6" FH ASSY AND
 MARKER LT



REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 MARRON ST
 ROCK ST TO STA 7+00

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 20 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: FOR CITY ENGINEER REX NAVARAEZ PRINT DCE NAME	DATE 01/29/2024 C-88070 RCE#	SUBMITTED BY JODY CHEUNG PROJECT MANAGER		DRAWN BY CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION ORIGINAL	BY RA/CN	APPROVED PP	DATE 01/29/24	FILMED	212-1749
ADDENDUM A	BY RA/CN	APPROVED PP	DATE 02/29/24		1852-6309
CONTRACTOR INSPECTOR					CCS27 COORDINATE
NTP DATE					1852-6309
NOC DATE					CCS83 COORDINATE
					42340-20-D

MARRON ST



SCALE
1"=40' HORIZ.
1"=4' VERT.

Alignment Name: Gayle st
Alignment Description: Gayle st
Alignment Style: Default
Station Northing Easting

Element: Linear
PT () 9+36.09 1853403.14 6311304.75
PC () 14+26.26 1852934.62 6311448.83
Tangential Direction: S 17° 05' 40" E
Tangential Length: 490.17

Element: Circular
PC () 14+26.26 1852934.62 6311448.83
PI () 14+85.22 1852878.26 6311466.15
CC () 1852872.85 6311247.78
PT () 15+41.24 1852821.10 6311451.64
Radius: 210.33
Delta: 31° 19' 23" Right
Degree of Curvature (Arc): 27° 14' 27"
Length: 114.99

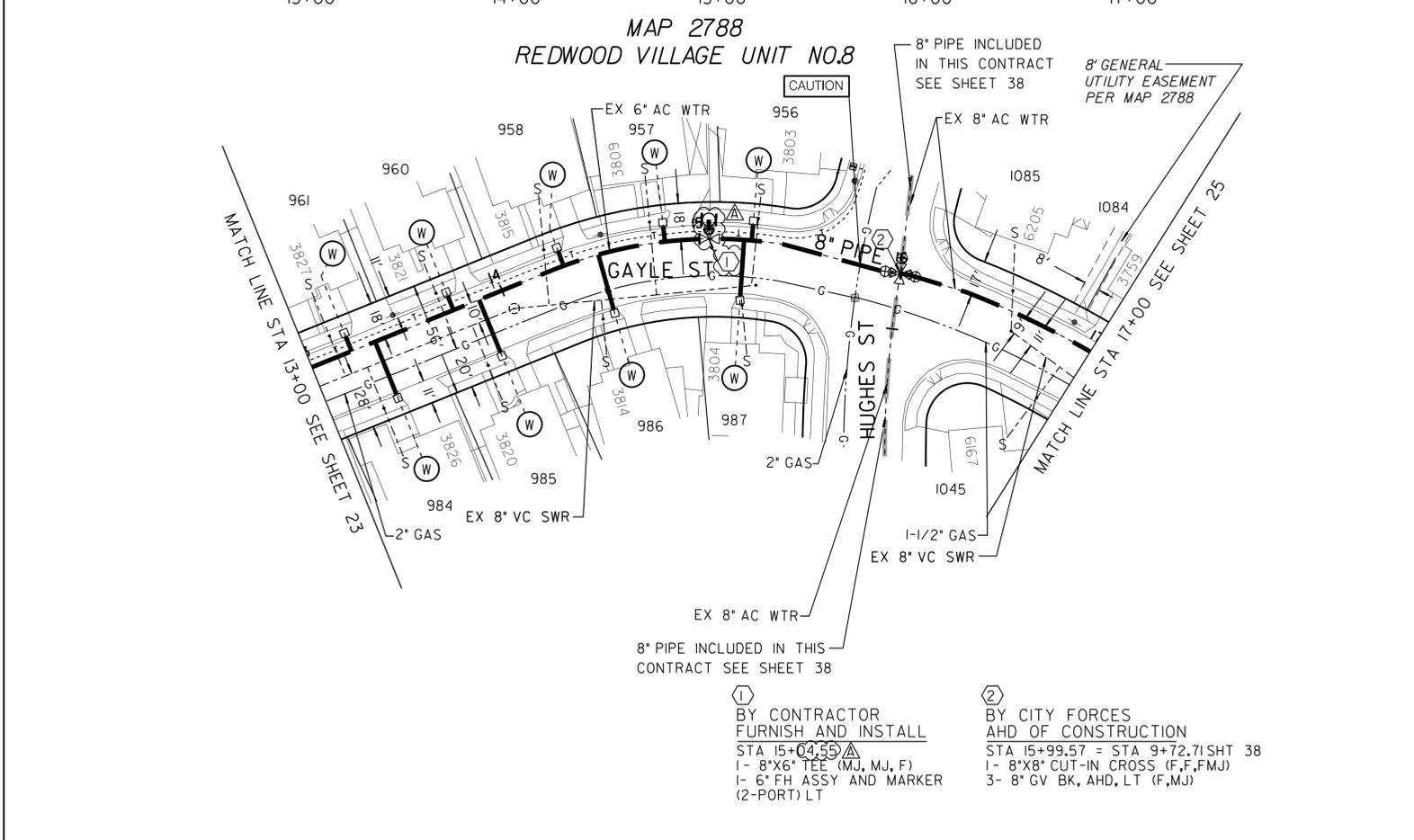
Element: Linear
PT () 15+41.24 1852821.10 6311451.64
PI () 15+89.57 1852775.73 6311434.97
Tangential Direction: S 20° 10' 21" W
Tangential Length: 48.33

Element: Linear
PI () 15+89.57 1852775.73 6311434.97
PC () 16+03.88 1852761.82 6311431.65
Tangential Direction: S 13° 26' 48" W
Tangential Length: 14.31

Element: Linear
PI () 16+03.88 1852761.82 6311431.65
PC () 16+33.36 1852734.45 6311420.69
Tangential Direction: S 21° 49' 13" W
Tangential Length: 29.48

Element: Circular
PC () 16+33.36 1852734.45 6311420.69
PI () 16+59.55 1852710.98 6311409.07
CC () 1852927.90 6311029.95
PCC () 16+85.67 1852689.07 6311394.73
Radius: 436.00
Delta: 6° 52' 27" Right
Degree of Curvature (Arc): 13° 08' 28"
Length: 52.31

Element: Circular
PCC () 16+85.67 1852689.07 6311394.73
PI () 17+57.93 1852628.62 6311355.14
CC () 1852927.90 6311029.95
PT () 18+28.89 1852584.16 6311298.17
Radius: 436.00
Delta: 18° 49' 15" Right
Degree of Curvature (Arc): 13° 08' 28"
Length: 143.22



REFERENCE:
WATER: 09010-0-L, 08971-0-L
SEWER: 08970-0-L
STORM DRAIN: N/A
GAS: 16207-118870, 16207-118875
ELECTRIC: N/A
CABLE TV: N/A
TELEPHONE: N/A
IMPROVEMENTS:
100' SCALE/FIELD BOOK: L19S
THOMAS BROS.: 1270 D5
HGL: REDWOOD VILLAGE 645

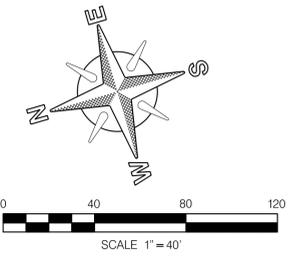
RETIREMENTS:
6" - AC - 400' - 1952
8" - AC - 115' - 1954
FH - 1
1" SERVICE - 7 - UNK - 1952
0.75" SERVICE - 2 - UNK - 1952

CONTRACTORS NOTE:
USE EXTREME CAUTION
WHEN WORKING DUE TO
OVERHEAD UTILITY
LINES, AND CONGESTED
UNDERGROUND UTILITIES.

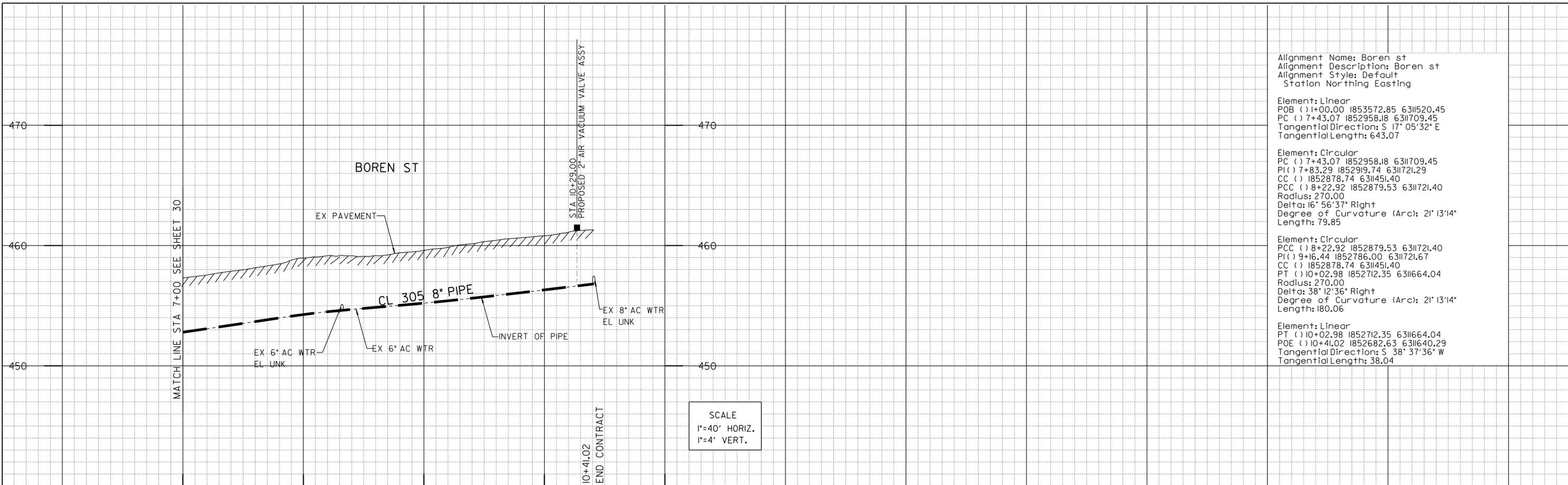
C-22

REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
GAYLE ST
STA 13+00 TO SO HUGHES ST

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 24 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>PN</i> FOR CITY ENGINEER REX NARVAEZ		DATE: 01/29/2024 PROJECT MANAGER C-88070		SUBMITTED BY: JODY CHEUNG PROJECT ENGINEER	
PRINT DCE NAME		RCE#		DRAWN BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>PN</i>	01/29/24		212-1749
ADDENDUM A	RA/CN	<i>PN</i>	02/29/24		CCS27 COORDINATE
					1852-6309
					CCS83 COORDINATE
CONTRACTOR			NTP DATE		42340-24-D
INSPECTOR			NOC DATE		



- ① BY CONTRACTOR
FURNISH AND INSTALL
STA 15+04.55
1- 8"x6" TEE (MJ, MJ, F)
1- 6" FH ASSY AND MARKER
(2-PORT) LT
- ② BY CITY FORCES
AHD OF CONSTRUCTION
STA 15+99.57 = STA 9+72.71 SHT 38
1- 8"x8" CUT-IN CROSS (F,F,MJ)
3- 8" GV BK, AHD, LT (F,MJ)



Alignment Name: Boren st
 Alignment Description: Boren st
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 POB () 1+00.00 1853572.85 6311520.45
 PC () 7+43.07 1852958.18 6311709.45
 Tangential Direction: S 17° 05' 32" E
 Tangential Length: 643.07

Element: Circular
 PC () 7+43.07 1852958.18 6311709.45
 PI () 7+83.29 1852919.74 6311721.29
 CC () 1852878.74 6311451.40
 PCC () 8+22.92 1852879.53 6311721.40
 Radius: 270.00
 Delta: 16° 56' 37" Right
 Degree of Curvature (Arc): 21° 13' 14"
 Length: 79.85

Element: Circular
 PCC () 8+22.92 1852879.53 6311721.40
 PI () 9+16.44 1852786.00 6311721.67
 CC () 1852878.74 6311451.40
 PT () 10+02.98 1852712.35 6311664.04
 Radius: 270.00
 Delta: 38° 12' 36" Right
 Degree of Curvature (Arc): 21° 13' 14"
 Length: 180.06

Element: Linear
 PT () 10+02.98 1852712.35 6311664.04
 POE () 10+41.02 1852682.63 6311640.29
 Tangential Direction: S 38° 37' 36" W
 Tangential Length: 38.04

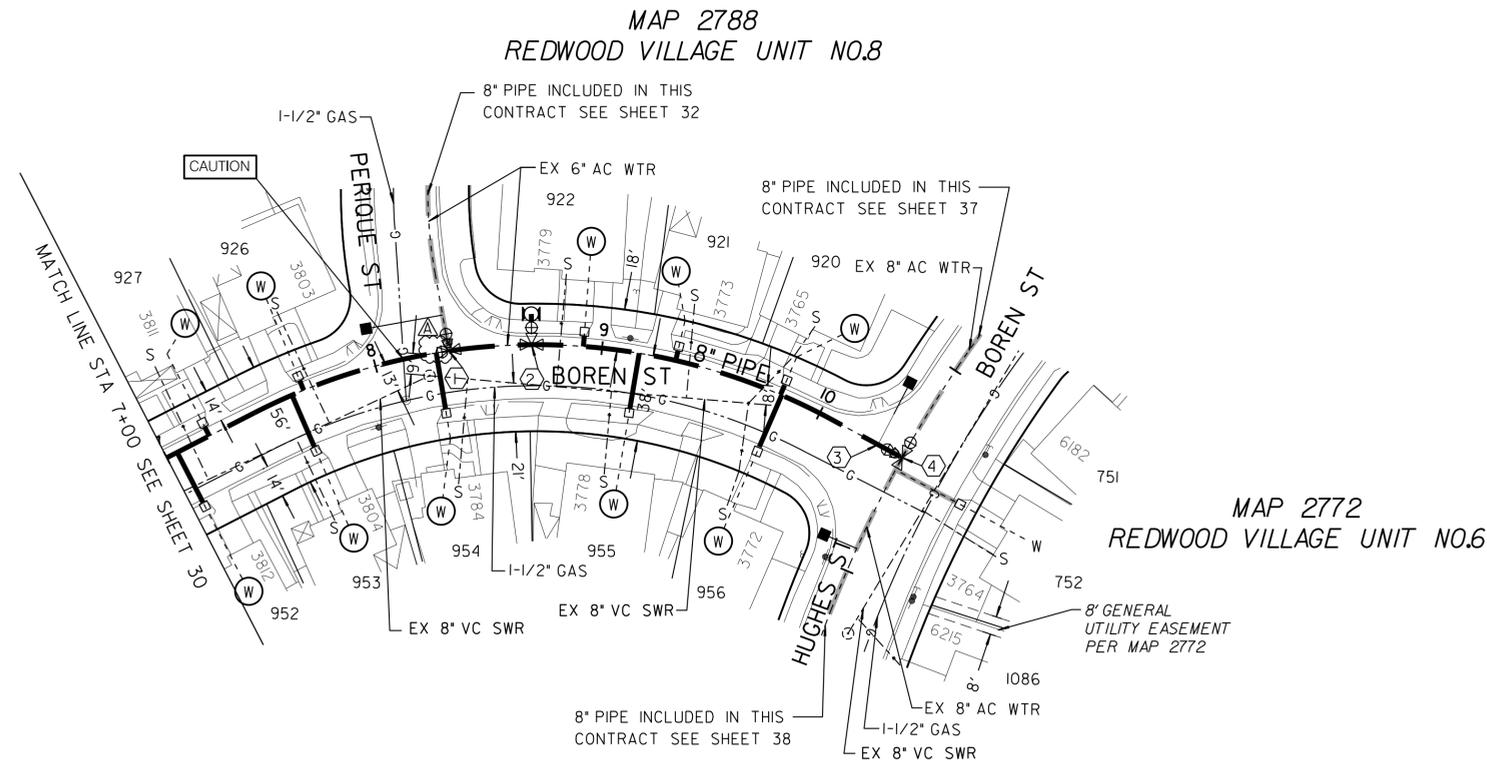
SCALE
 1"=40' HORIZ.
 1"=4' VERT.

REFERENCE:
 WATER: 08970-0-L
 SEWER: 08970-0-L
 STORM DRAIN: N/A
 GAS: 16207-118870, 16207-118875
 ELECTRIC: N/A
 CABLE TV: N/A
 TELEPHONE: N/A
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L19S
 THOMAS BROS.: I270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6" - AC -341.02' - 1952
 FH - 1
 1" SERVICE - 7 - UNK - 1952
 0.75" SERVICE - 3 - UNK - 1952

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

C-29

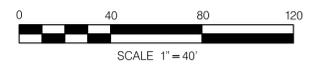
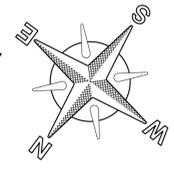


① BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 8+32.86 = STA 1+00.00 SHT 32
 1 - 8"x8" CUT-IN TEE (F,MJ,F)
 2 - 8" GV BK, LT (F,MJ)

② BY CONTRACTOR
 FURNISH AND INSTALL
 STA 8+69.15
 1 - 8"x6" TEE (MJ,MJ,F)
 1 - 6" FH ASSY AND MARKER
 (2-PORT), LT

③ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 10+29.00
 1 - 2" AIR-VACUUM VALVE
 ASSY, LT

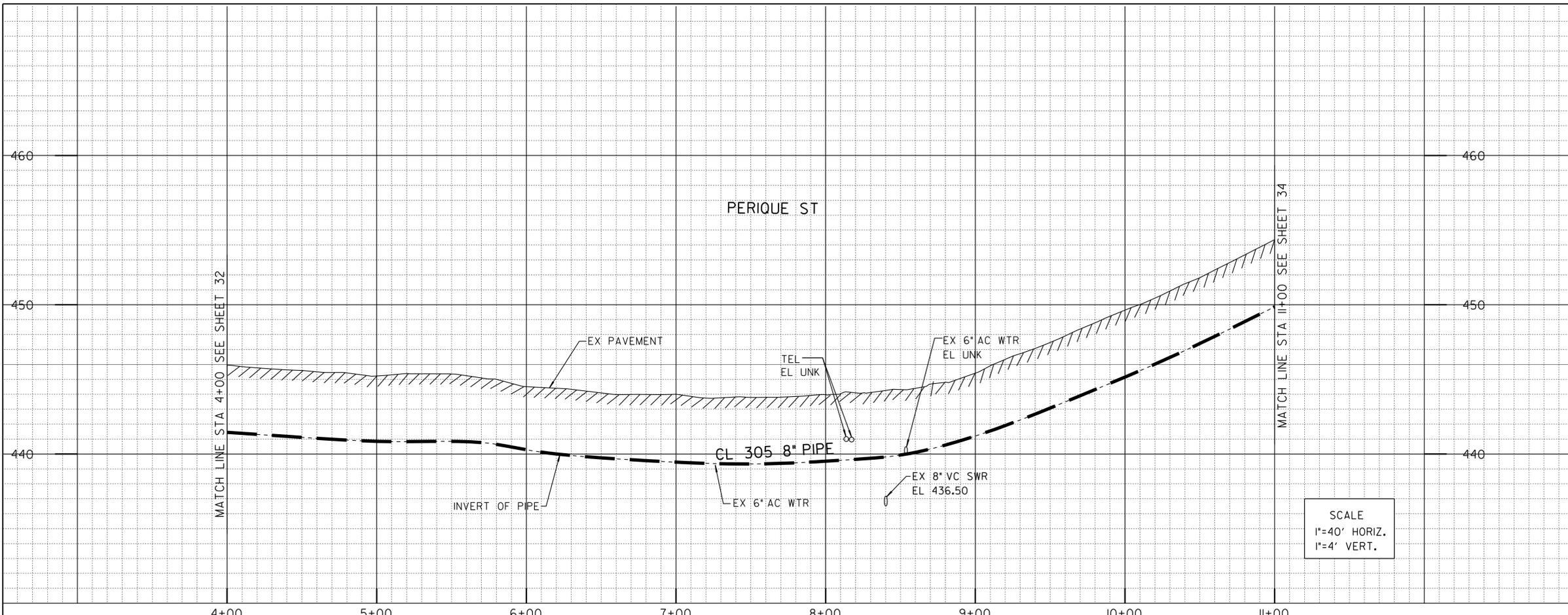
④ BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 10+41.02 = STA 7+44.73 SHT 37
 1 - 8"x8" CUT-IN TEE (F,F,MJ)
 2 - 8" GV BK, LT (F,MJ)



REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 BOREN ST
 NEO PERIQUE ST TO BOREN ST

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 31 OF 60 SHEETS		WATER WBS B-19194	
		APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME: REX NARVAEZ DATE: 01/29/2024 RCE#: C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>RN</i>	01/29/24		212-1749
A ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		CCS27 COORDINATE
					1852-6309
					CCS83 COORDINATE
CONTRACTOR			NTP DATE		42340-31-D
INSPECTOR			NOC DATE		

BOREN ST



Alignment Name: Perique st
 Alignment Description: Perique st
 Alignment Style: Default
 Station Northing Easting

Element: Circular
 PRC () 3+84.16 1852731.02 6311942.02
 PI () 5+86.58 1852543.14 6312017.35
 CC () 1853134.80 6312949.09
 PT () 7+84.40 1852395.05 6312155.37
 Radius: 1085.00
 Delta: 21° 08' 09" Left
 Degree of Curvature (Arc): 5° 16' 51"
 Length: 400.25

Element: Linear
 PT () 7+84.40 1852395.05 6312155.37
 PI () 8+53.63 1852346.87 6312205.08
 Tangential Direction: S 45° 53' 28" E
 Tangential Length: 69.23

Element: Linear
 PI () 8+53.63 1852346.87 6312205.08
 PC () 8+86.57 1852324.55 6312229.30
 Tangential Direction: S 47° 20' 39" E
 Tangential Length: 32.94

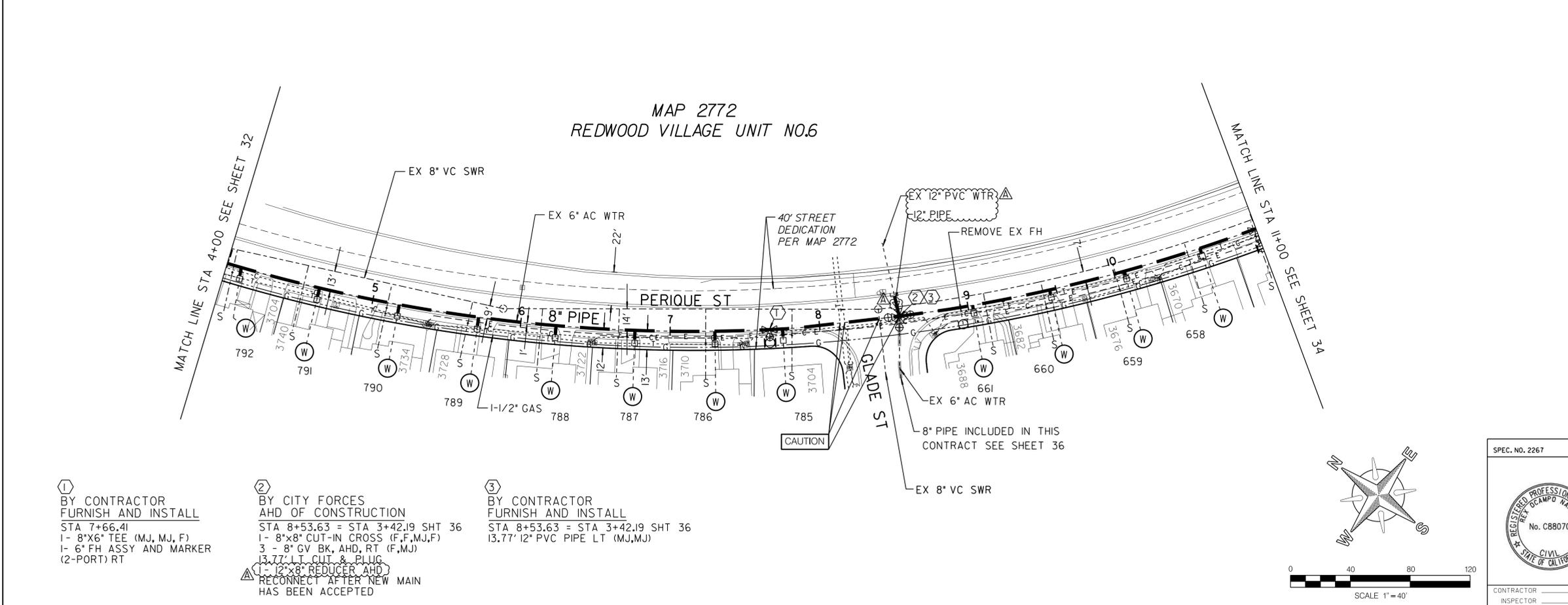
Element: Circular
 PC () 8+86.57 1852324.55 6312229.30
 PI () 11+20.39 1852169.32 6312404.15
 CC () 1853129.20 6312943.66
 PT () 13+47.04 1852100.65 6312627.65
 Radius: 1076.00
 Delta: 24° 31' 10" Left
 Degree of Curvature (Arc): 5° 19' 30"
 Length: 460.47

SCALE
 1"=40' HORIZ.
 1"=4' VERT.

REFERENCE:
 WATER: 08970-0-L, 08852-0-L
 SEWER: 08851-0-L, 08852-0-L
 STORM DRAIN: N/A
 GAS: 16207-118870
 ELECTRIC: 16207-118870
 TELEPHONE: 34174-B3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L19S
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

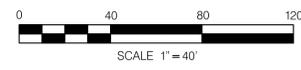
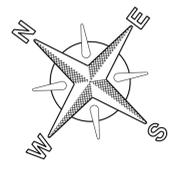
RETIREMENTS:
 6" - AC -454' - 1952
 6" - AC -246' - 1951
 FH - 1
 1" SERVICE - 4 - UNK - 1951
 1" SERVICE - 8 - UNK - 1952

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.



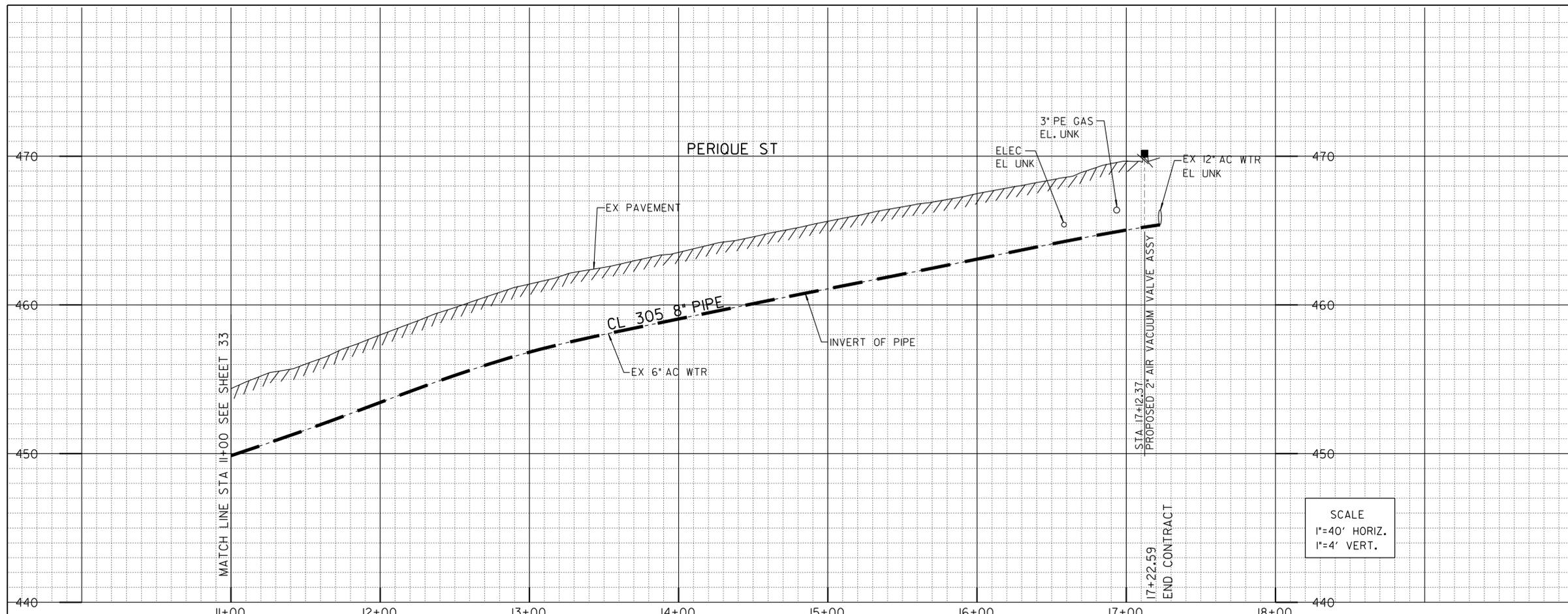
REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 PERIQUE ST
 BOREN ST TO E/O GLADE ST

- ① BY CONTRACTOR FURNISH AND INSTALL
 STA 7+66.41
 1- 8"x6" TEE (MJ, MJ, F)
 1- 6" FH ASSY AND MARKER (2-PORT) RT
- ② BY CITY FORCES AHD OF CONSTRUCTION
 STA 8+53.63 = STA 3+42.19 SHT 36
 1- 8"x8" CUT-IN CROSS (F,F,MJ,F)
 3 - 8" GV BK, AHD, RT (F,MJ)
 13.77' 1" CUT & PLUG
 1- 12"x8" REDUCER AHD RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ③ BY CONTRACTOR FURNISH AND INSTALL
 STA 8+53.63 = STA 3+42.19 SHT 36
 13.77' 12" PVC PIPE LT (MJ, MJ)



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 33 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>PN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE: 01/29/2024 PROJECT MANAGER C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
DESCRIPTION		BY	APPROVED	DATE	FILMED
ORIGINAL		RA/CN	<i>PN</i>	01/29/24	210-1749
ADDENDUM A		RA/CN	<i>PN</i>	02/29/24	CCS27 COORDINATE
					1850-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR		NTP DATE		42340-33-D	
		NOC DATE			

PERIQUE ST



Alignment Name: Perique st
 Alignment Description: Perique st
 Alignment Style: Default
 Station Northing Easting

Element: Circular
 PC () 8+86.57 1852324.55 6312229.30
 PI () 11+20.39 1852169.32 6312404.15
 CC () 1853129.20 6312943.66
 PT () 13+47.04 1852100.65 6312627.65
 Radius: 1076.00
 Delta: 24° 31' 10" Left
 Degree of Curvature (Arc): 5° 19' 30"
 Length: 460.47

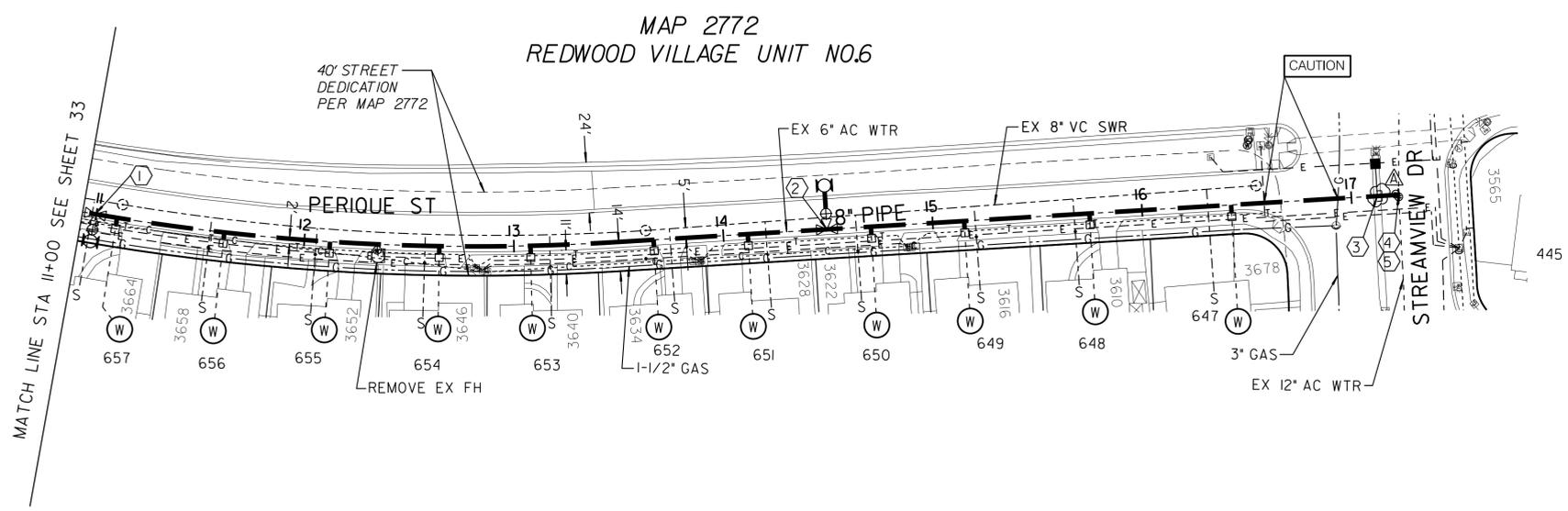
Element: Linear
 PT () 13+47.04 1852100.65 6312627.65
 POE () 17+22.59 1851990.36 6312986.64
 Tangential Direction: S 72° 55' 18" E
 Tangential Length: 375.55

SCALE
 1"=40' HORIZ.
 1"=4' VERT.

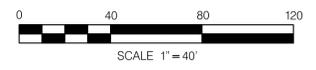
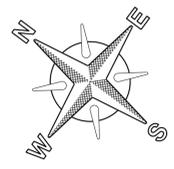
REFERENCE:
 WATER: 08852-0-L
 SEWER: 08852-0-L
 STORM DRAIN: N/A
 GAS: 16215-118865
 ELECTRIC: 16215-118865
 TELEPHONE: 34174-B4
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: LI9S
 THOMAS BROS.: I270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 8" - AC - 622.59' - 1951
 FH - 2
 1" SERVICE - 11 - UNK - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.



- ① BY CONTRACTOR FURNISH AND INSTALL
 STA 10+99.48
 1- 8"x6" TEE (MJ, MJ, F)
 1- 6" FH ASSY AND MARKER (2-PORT) RT
- ② BY CONTRACTOR FURNISH AND INSTALL
 STA 14+49.49
 1- 8"x6" TEE (MJ, MJ, F)
 1- 6" FH ASSY AND MARKER (2-PORT) LT
- ③ BY CONTRACTOR FURNISH AND INSTALL
 STA 17+12.37
 1- 2" AIR-VACUUM VALVE ASSY, LT
- ④ BY CITY FORCES AHD OF CONSTRUCTION
 STA 17+22.59
 CUT AND PLUG 8" BK EX TEE TO REMAIN
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ⑤ BY CONTRACTOR FURNISH AND INSTALL
 STA 17+22.59
 REMOVE EX 6"x8" REDUCER

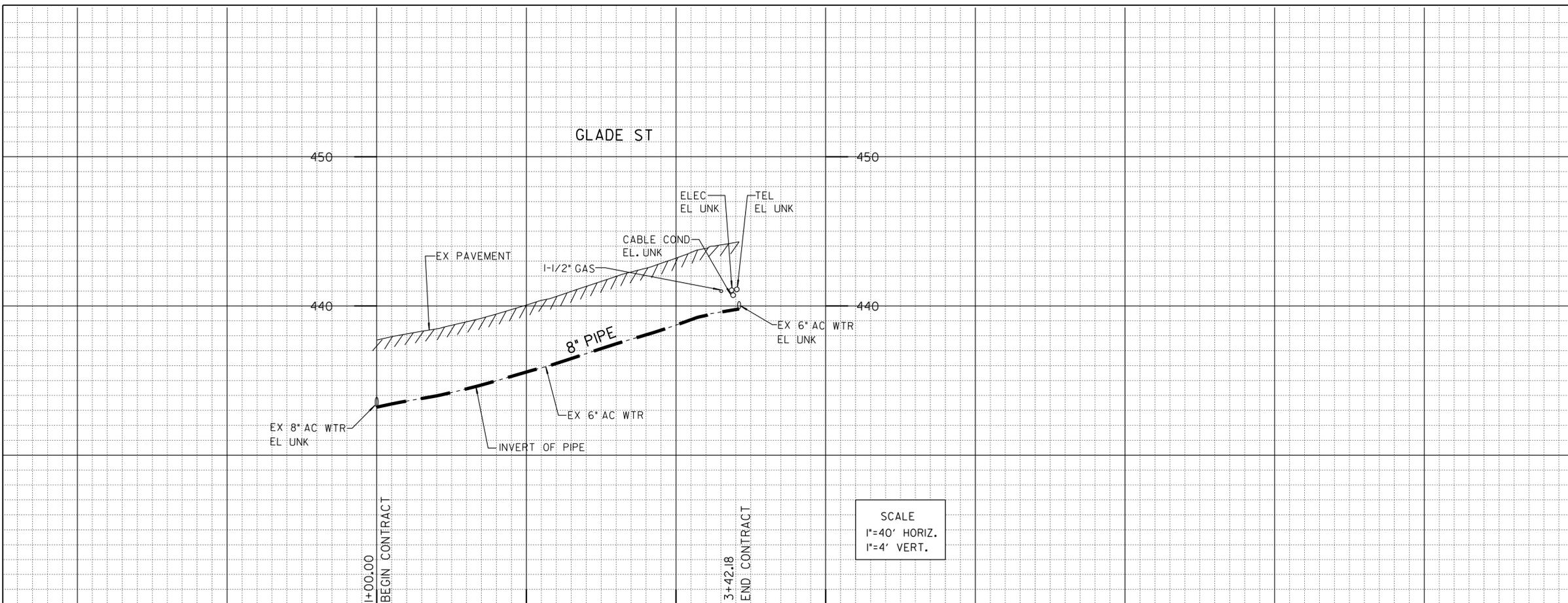


C-32

PERIQUE ST

REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 PERIQUE ST
 STA 11+00 TO STREAMVIEW DR

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 34 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>PN</i> FOR CITY ENGINEER REX NARVAEZ		DATE: 01/29/2024 DATE: 01/29/24 C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
PRINT DCE NAME		RCE#		DRAWN BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>PN</i>	01/29/24		210-1749
ADDENDUM A	RA/CN	<i>PN</i>	02/29/24		CCS27 COORDINATE
					1850-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR			NTP DATE		42340-34-D
			NOC DATE		



Alignment Name: Glade st
 Alignment Description: Glade st
 Alignment Style: Default
 Station Northing Easting

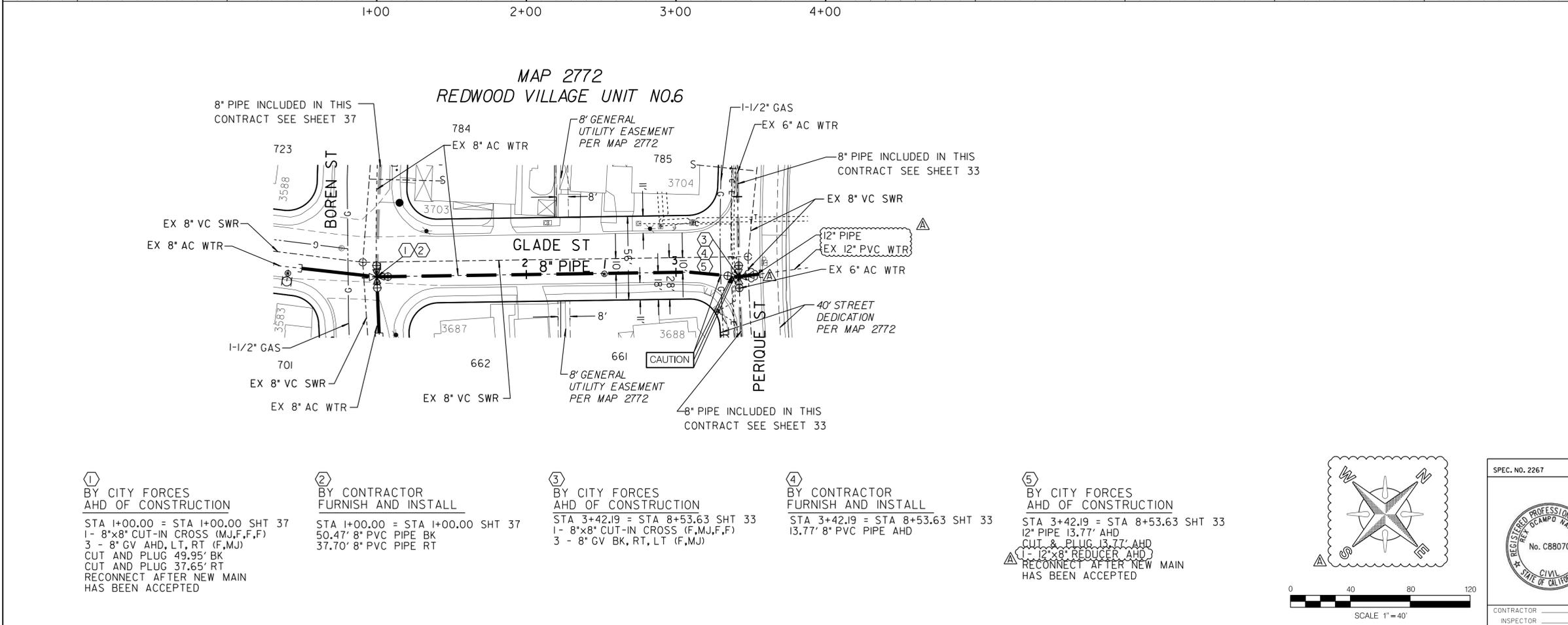
Element: Linear
 POB () 1+00.00 1852175.62 6312034.06
 Pl () 2+24.74 1852265.19 6312120.88
 Tangential Direction: N 44° 06' 31" E
 Tangential Length: 124.74

Element: Linear
 Pl () 2+24.74 1852265.19 6312120.88
 Pl () 3+08.03 1852324.99 6312178.85
 Tangential Direction: N 44° 06' 31" E
 Tangential Length: 83.28

Element: Linear
 Pl () 3+08.03 1852324.99 6312178.85
 Pl () 3+10.02 1852326.35 6312180.31
 Tangential Direction: N 47° 13' 43" E
 Tangential Length: 2.00

Element: Linear
 Pl () 3+10.02 1852326.35 6312180.31
 POE () 3+42.18 1852346.87 6312205.08
 Tangential Direction: N 50° 20' 56" E
 Tangential Length: 32.16

SCALE
 1"=40' HORIZ.
 1"=4' VERT.

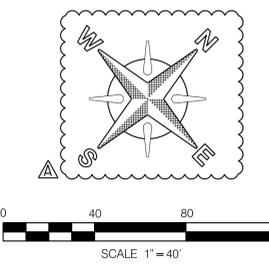


REFERENCE:
 WATER: 08851-0-L
 SEWER: 08851-0-L
 STORM DRAIN: N/A
 GAS: N/A
 ELECTRIC: 16207-118870
 TELEPHONE: 34174-B3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L19S
 THOMAS BROS.: I270 D5
 HGL: REDWOOD VILLAGE 645

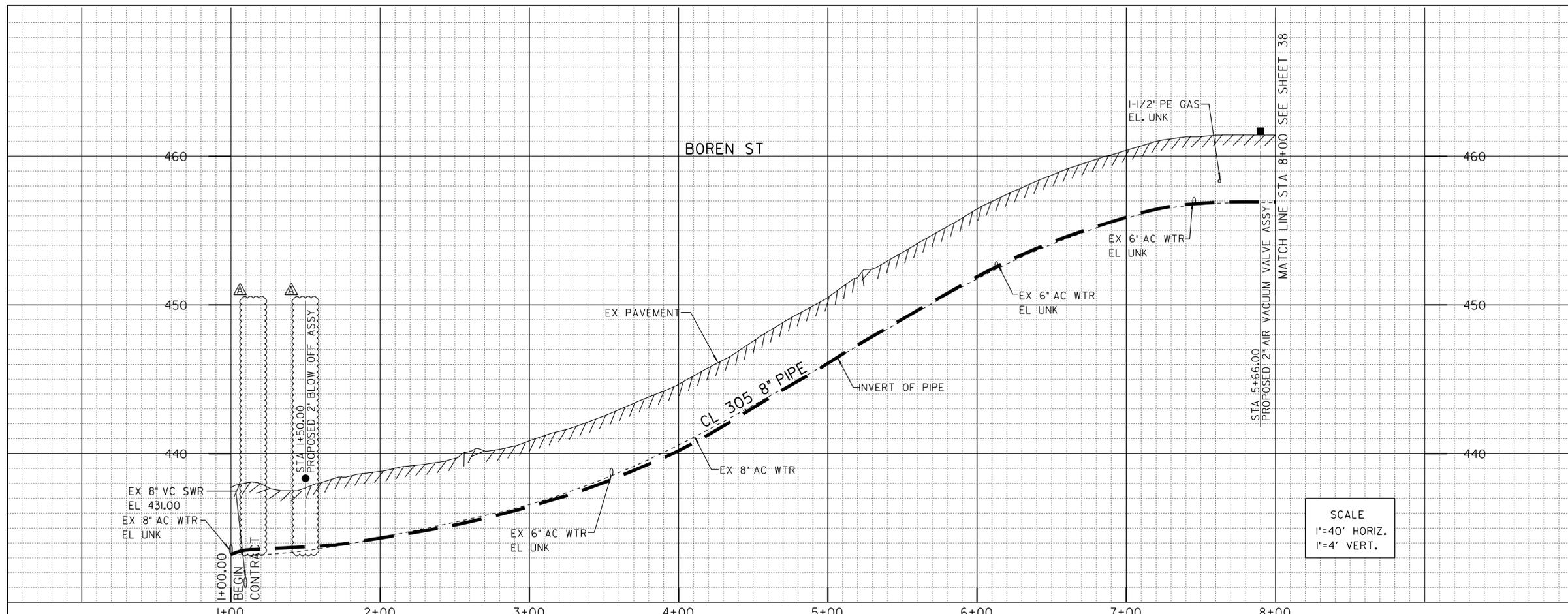
RETIREMENTS:
 8" - AC - 242.18' - 1951

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

- ① BY CITY FORCES AHD OF CONSTRUCTION
 STA 1+00.00 = STA 1+00.00 SHT 37
 1- 8"x8" CUT-IN CROSS (M,J,F,F)
 3 - 8" GV AHD, LT, RT (F,M,J)
 CUT AND PLUG 49.95' BK
 CUT AND PLUG 37.65' RT
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ② BY CONTRACTOR FURNISH AND INSTALL
 STA 1+00.00 = STA 1+00.00 SHT 37
 50.47' 8" PVC PIPE BK
 37.70' 8" PVC PIPE RT
- ③ BY CITY FORCES AHD OF CONSTRUCTION
 STA 3+42.19 = STA 8+53.63 SHT 33
 1- 8"x8" CUT-IN CROSS (F,M,J,F,F)
 3 - 8" GV BK, RT, LT (F,M,J)
- ④ BY CONTRACTOR FURNISH AND INSTALL
 STA 3+42.19 = STA 8+53.63 SHT 33
 13.77' 8" PVC PIPE AHD
- ⑤ BY CITY FORCES AHD OF CONSTRUCTION
 STA 3+42.19 = STA 8+53.63 SHT 33
 12" PIPE 13.77' AHD
 CUT & PLUG 13.77' AHD
 1- 12"x8" REDUCER AHD
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 36 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>PN</i> FOR CITY ENGINEER REX NARVAEZ		DATE: 01/29/2024 PROJECT NO: C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
PRINT DCE NAME: <i>PN</i>		RCE#		CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>PN</i>	01/29/24		210-1749
ADDENDUM A	RA/CN	<i>PN</i>	02/29/24		CCS27 COORDINATE
					1850-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR					42340-36-D
NTP DATE					
NOC DATE					



Alignment Name: Boren st & Hughes st
 Alignment Description: Boren st & Hughes st
 Alignment Style: Default
 Station Northing Easting

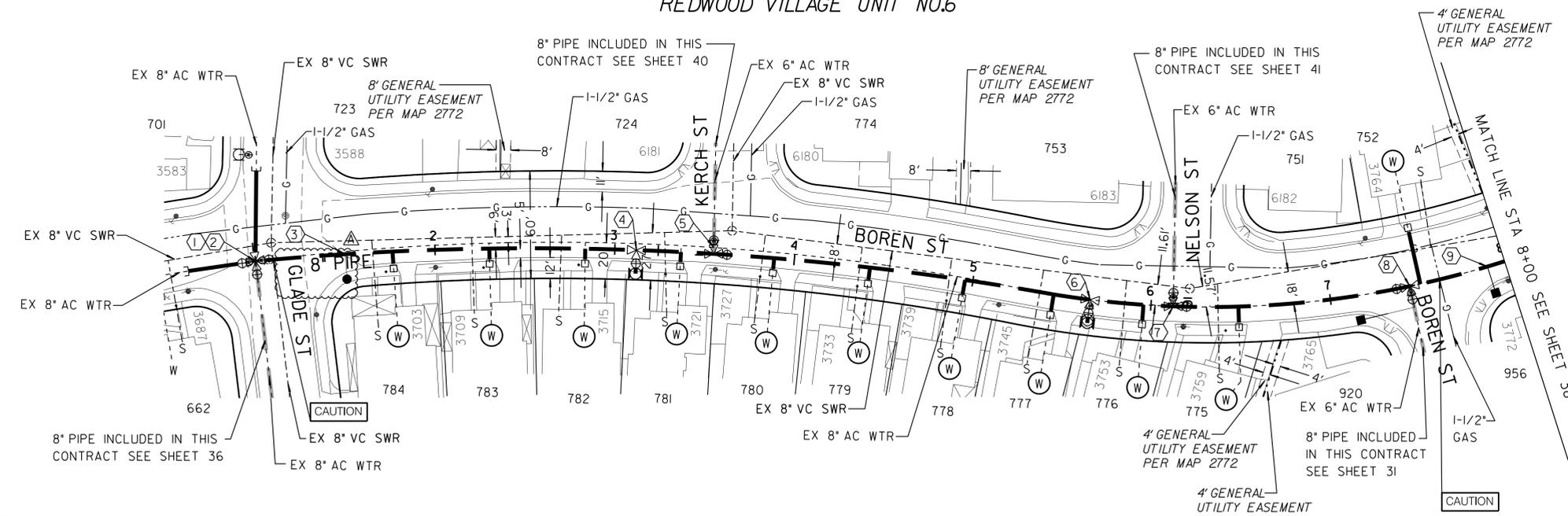
Element: Circular
 PC () 1+00.00 1852175.62 6312034.06
 PI () 3+24.16 1852335.66 6311877.09
 CC () 1853327.72 6313208.71
 PRC () 5+45.58 1852531.85 6311768.66
 Radius: 1645.34
 Delta: 15° 30' 59" Right
 Degree of Curvature (Arc): 3° 28' 56"
 Length: 445.58

Element: Circular
 PC () 5+45.58 1852531.85 6311768.66
 PI () 6+51.29 1852623.54 6311716.06
 CC () 1852263.06 6311300.21
 PCC () 7+54.36 1852688.62 6311632.76
 Radius: 540.09
 Delta: 22° 08' 54" Left
 Degree of Curvature (Arc): 10° 36' 31"
 Length: 208.78

Element: Circular
 PCC () 7+54.36 1852688.62 6311632.76
 PI () 8+03.56 1852718.92 6311593.99
 CC () 1852263.06 6311300.21
 PT () 8+52.50 1852741.72 6311550.38
 Radius: 540.09
 Delta: 10° 24' 41" Left
 Degree of Curvature (Arc): 10° 36' 31"

SCALE
 1"=40' HORIZ.
 1"=4' VERT.

MAP 2772
 REDWOOD VILLAGE UNIT NO.6



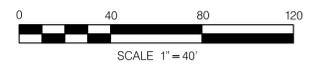
REFERENCE:
 WATER: 08871-0-L
 SEWER: 08851-0-L, 08970-0-L
 STORM DRAIN: N/A
 GAS: 16207-118865, 16207-118870
 ELECTRIC: N/A
 CABLE TV: N/A
 TELEPHONE: N/A
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L195
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 8" - AC - 700' - 1954
 FH - 1
 1" SERVICE - I- UNK - 1951
 1" SERVICE - II - UNK - 1954

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

- ⑦ BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 6+12.38 = STA 16+01.63 SHT 41
 1 - 8"x8" CUT-IN TEE (M,J,F)
 2 - 8" GV AHD, LT (F,MJ)
- ⑧ BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 7+44.73 = STA 10+41.02 SHT 31
 1 - 8"x8" CUT-IN TEE (F,M,J,F)
 2 - 8" GV BK, RT (F,MJ)
- ⑨ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 7+89.28
 1 - 2" AIR-VACUUM VALVE
 ASSY, RT

- ① BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 1+00.00 = STA 1+00.00 SHT 36
 1 - 8"x8" CUT-IN CROSS (F,F,M,J,F)
 3 - 8" GV BK, AHD, RT, (F,M,J)
 CUT & PLUG 37.65' BK
 CUT & PLUG 49.95' LT
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED
- ② BY CONTRACTOR
 FURNISH AND INSTALL
 STA 1+00.00 = STA 1+00.00 SHT 36
 50.47' 8" PVC PIPE LT
 37.70' 8" PVC PIPE BK
- ③ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 1+50.00
 1 - 2" BLOW-OFF ASSY RT
- ④ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 3+12.00
 1 - 8"x6" TEE (M,J, M,J, F)
 1 - 6" FH ASSY AND MARKER RT
- ⑤ BY CITY FORCES
 AHD OF CONSTRUCTION
 STA 3+55.09 = STA 1+00.00 SHT 40
 1 - 8"x8" CUT-IN TEE (M,J,F,F)
 2 - 8" GV AHD, LT (F,MJ)
- ⑥ BY CONTRACTOR
 FURNISH AND INSTALL
 STA 5+66.00
 1 - 8"x6" TEE (M,J, M,J, F)
 1 - 6" FH ASSY AND MARKER RT

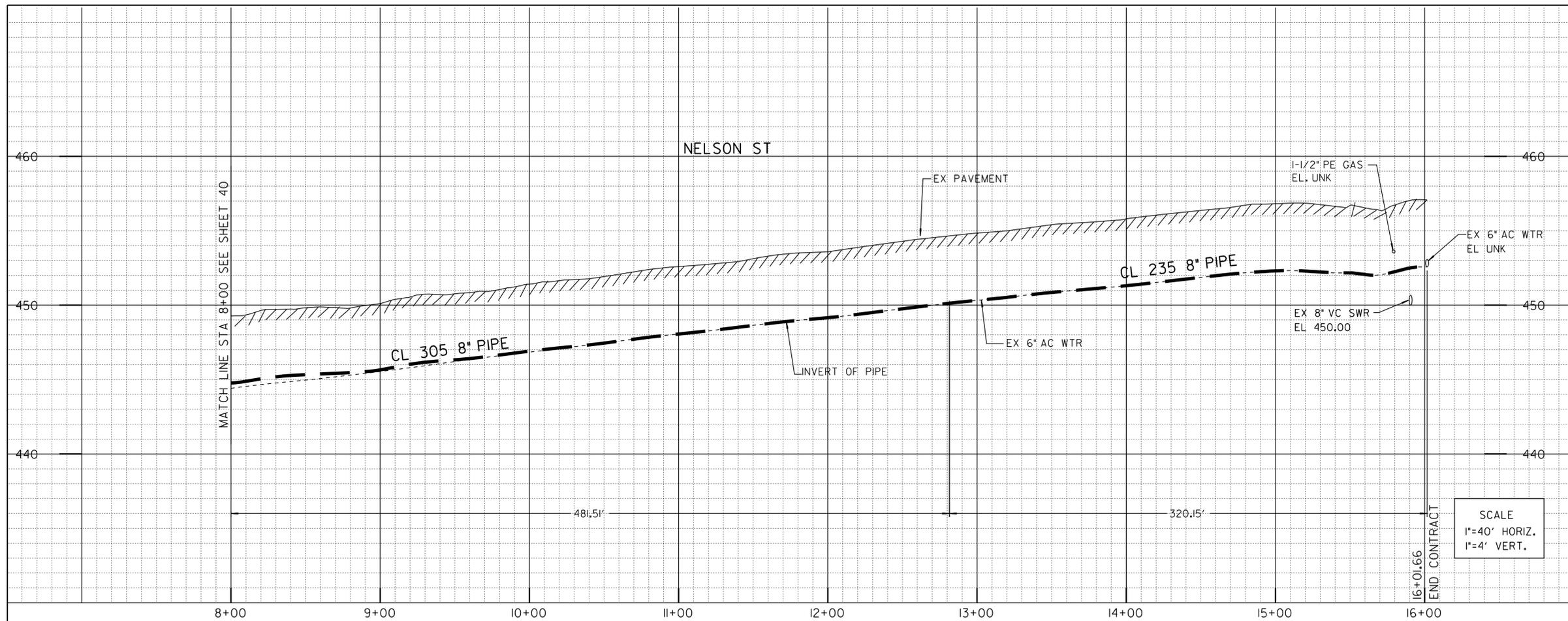


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REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 BOREN ST
 GLADE ST TO WO BOREN ST

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 37 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>R.N.</i> FOR CITY ENGINEER REX NAVRAEZ		DATE: 01/29/2024 PROJECT: C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER	
PRINT DCE NAME		RCE#		DRAWN BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>R.N.</i>	01/29/24		210-1749
ADDENDUM A	RA/CN	<i>R.N.</i>	02/29/24		CCS27 COORDINATE
					1850-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR			NTP DATE		42340-37-D
			NOC DATE		

BOREN ST



Alignment Name: Kerch st & Nelson st
 Alignment Description: Kerch st & Nelson st
 Alignment Style: Default
 Station Northing Easting

Element: Linear
 POB () 1+00.00 1852370.77 6311870.28
 PI () 6+44.35 1852035.82 6311441.19
 Tangential Direction: S 52° 01'25\"/>

Element: Linear
 PI () 6+44.35 1852035.82 6311441.19
 PI () 7+33.49 1852026.82 6311352.50
 Tangential Direction: S 84° 12'21\"/>

Element: Linear
 PI () 7+33.49 1852026.82 6311352.50
 PI () 8+20.63 1852046.96 6311267.72
 Tangential Direction: N 76° 37'57\"/>

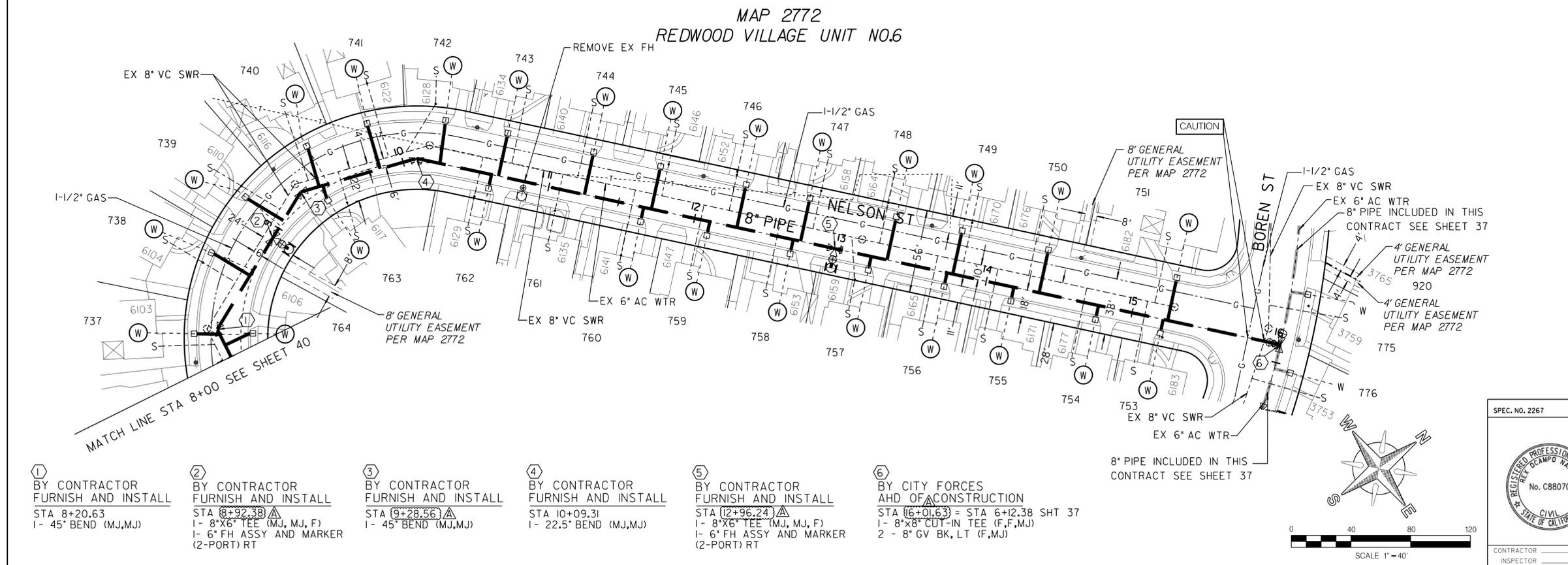
Element: Linear
 PI () 8+20.63 1852046.96 6311267.72
 PI () 9+28.56 1852149.05 6311262.69
 Tangential Direction: N 18° 56'12\"/>

Element: Linear
 PI () 9+28.56 1852149.05 6311232.69
 PI () 10+09.32 1852223.04 6311265.05
 Tangential Direction: N 23° 37'08\"/>

Element: Linear
 PI () 10+09.32 1852223.04 6311265.05
 PI () 10+41.62 1852242.92 6311290.51
 Tangential Direction: N 52° 01'00\"/>

Element: Linear
 PI () 10+41.62 1852242.92 6311290.51
 POE () 16+01.66 1852587.59 6311731.92
 Tangential Direction: N 52° 01'00\"/>

8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00



REFERENCE:
 WATER: 08851-0-L
 SEWER: 08851-0-L
 STORM DRAIN: N/A
 GAS: 16207-118870, 16200-118865
 ELECTRIC: N/A
 CABLE TV: N/A
 TELEPHONE: 34174-B3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: L195
 THOMAS BROS.: 1270 D5
 HGL: REDWOOD VILLAGE 645

RETIREMENTS:
 6\"/>

CONTRACTORS NOTE:
 USE EXTREME CAUTION
 WHEN WORKING DUE TO
 OVERHEAD UTILITY
 LINES, AND CONGESTED
 UNDERGROUND UTILITIES.

- ① BY CONTRACTOR FURNISH AND INSTALL STA 8+20.63 1- 45° BEND (M,J,MJ)
- ② BY CONTRACTOR FURNISH AND INSTALL STA 8+92.38 1- 8\"/>

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REDWOOD VILLAGE ROLANDO PARK IMPROV 2
 NELSON ST
 KERCH ST TO BOREN ST

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 41 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: [Signature] FOR CITY ENGINEER REX NARVAEZ DATE 01/29/2024 PRINT DCE NAME RCE#		DATE 01/29/24 C-88070		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER DATE: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	[Signature]	01/29/24		210-1749
ADDENDUM A	RA/CN	[Signature]	02/29/24		CCS27 COORDINATE
					1850-6309 CCS83 COORDINATE
CONTRACTOR INSPECTOR			NTP DATE		42340-41-D
			NOC DATE		

LEGEND

- EXISTING WATER MAIN
- PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN
- FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- ⊗ FIRE HYDRANT TO BE REPLACED
- ⊙ EXISTING WATER SAMPLING STATION
- CITY FORCES NOTE NUMBER (THIS SHEET)
- CITY FORCES NOTE NUMBER (PLAN & PROFILE SHT.)
- PLAN & PROFILE "D" SHEET NUMBER

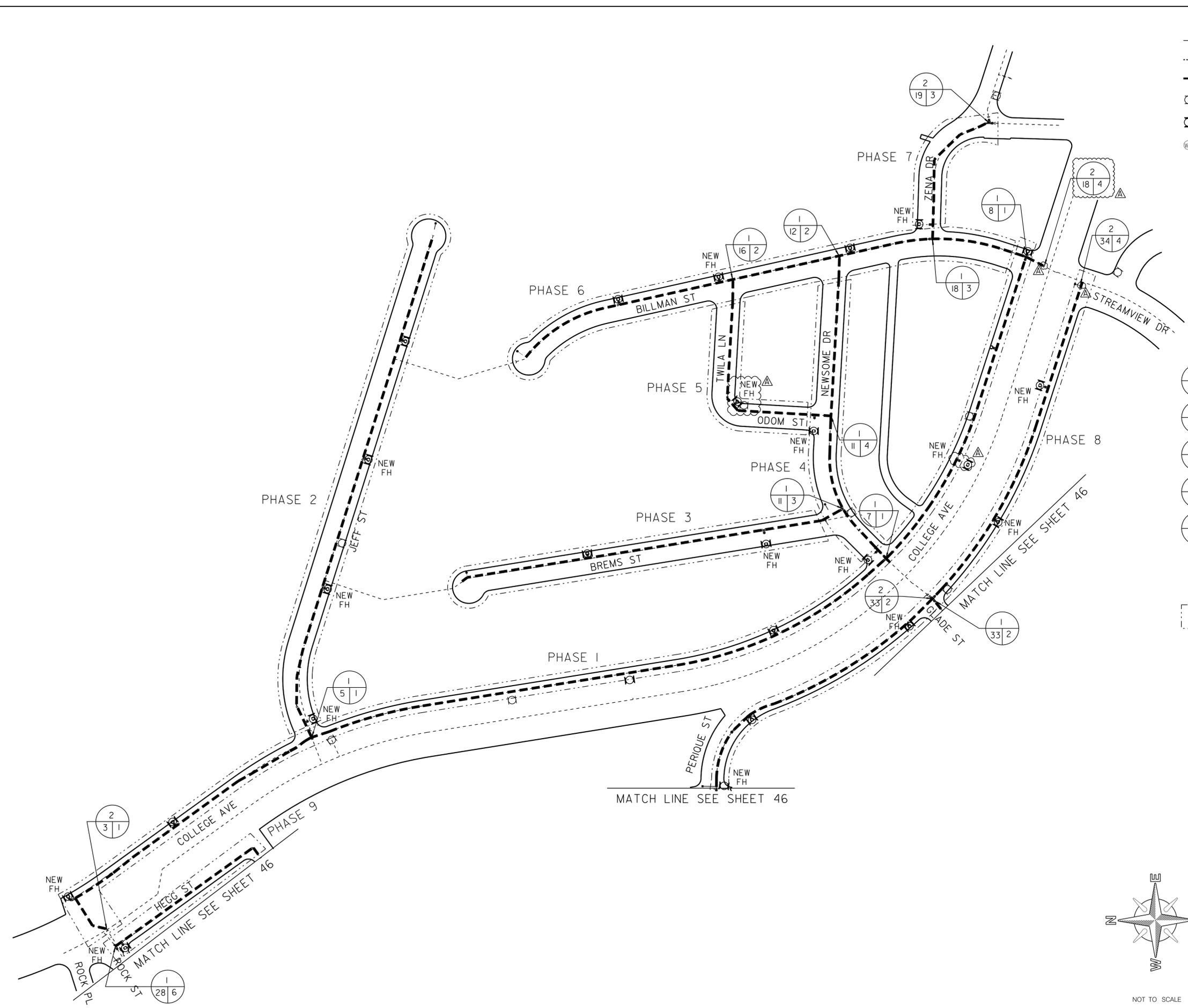
BC --- BEFORE CONTRACTOR
AC --- AFTER CONTRACTOR

WORK BY CITY FORCES

- 1 BC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT, OPEN VALVE(S)
- 2 BC - CUT & PLUG
AC - RECONNECT
- 3 BC - CUT AND ABANDON
- 4 AC - WET TAP
- 5 BC - CLOSE EX. VALVE (REPLACE IF NEEDED)
AC - OPEN EX. VALVE

AREA TO BE HIGHLINED IN PHASES

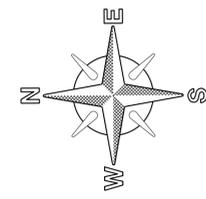
○ PHASE #



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**REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
WORK BY CITY FORCES**

SPEC. NO. 2267 	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 45 OF 60 SHEETS		WATER WBS B-19194
	APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME	DATE: 01/29/2024 PROJECT NUMBER: C-88070 RCE#	SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER
DESCRIPTION ORIGINAL ADDENDUM A	BY RA/CN RA/CN	APPROVED <i>RN</i> <i>RN</i>	DATE FILMED 01/29/24 02/29/24
CONTRACTOR INSPECTOR			NTP DATE NOC DATE
SEE EACH SHEET CCS27 COORDINATE SEE EACH SHEET CCS83 COORDINATE			42340-45-D



NOT TO SCALE

WORK BY CITY FORCES

LEGEND

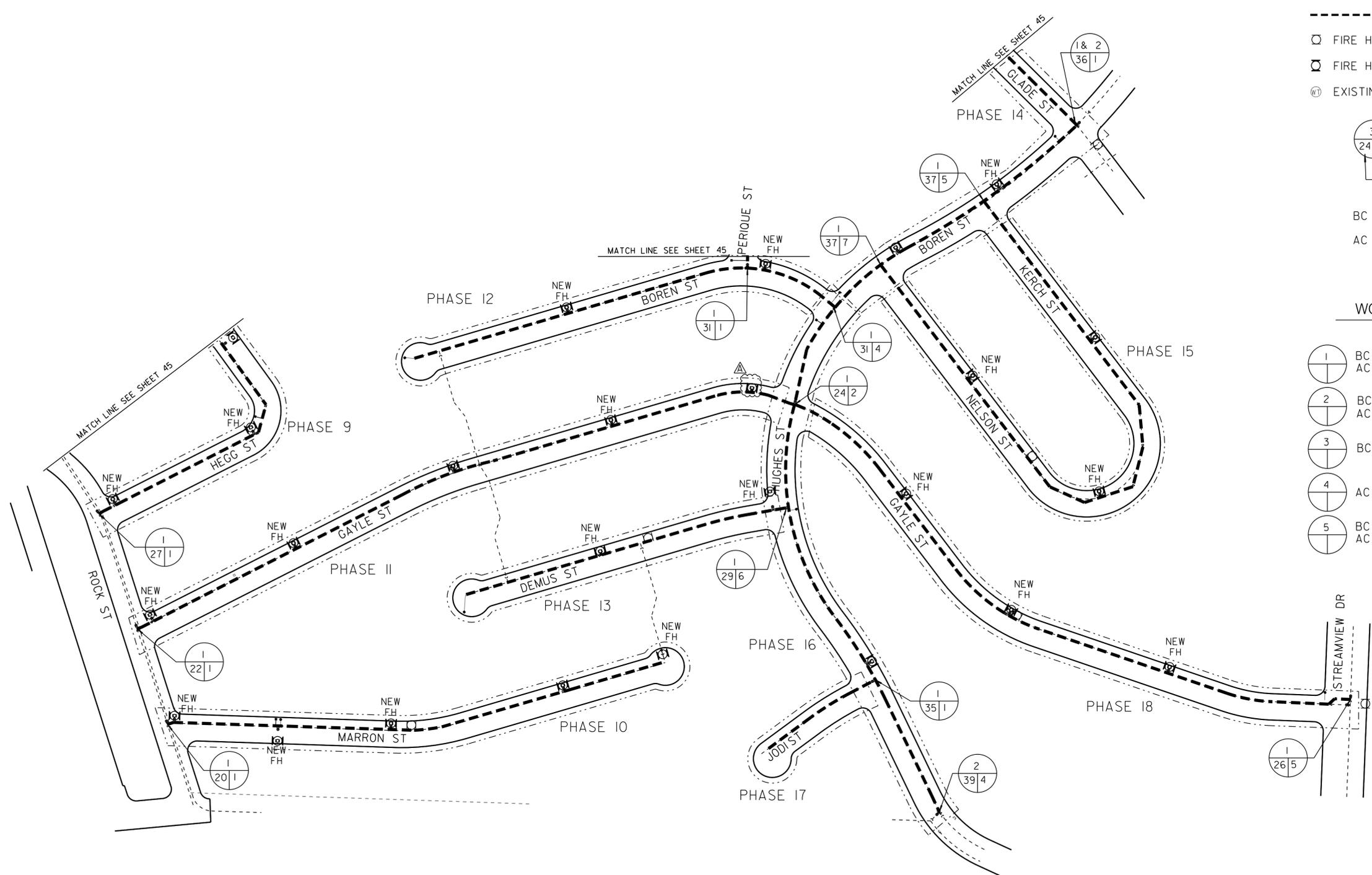
- EXISTING WATER MAIN
- PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN
- ⊗ FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- ⊙ FIRE HYDRANT TO BE REPLACED
- Ⓜ EXISTING WATER SAMPLING STATION
- ③ CITY FORCES NOTE NUMBER (THIS SHEET)
- ②④⑥ CITY FORCES NOTE NUMBER (PLAN & PROFILE SHT.)
- ① PLAN & PROFILE "D" SHEET NUMBER
- BC --- BEFORE CONTRACTOR
- AC --- AFTER CONTRACTOR

WORK BY CITY FORCES

- ① BC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT, OPEN VALVE(S)
- ② BC - CUT & PLUG
AC - RECONNECT
- ③ BC - CUT AND ABANDON
- ④ AC - WET TAP
- ⑤ BC - CLOSE EX. VALVE (REPLACE IF NEEDED)
AC - OPEN EX. VALVE

AREA TO BE HIGHLINED IN PHASES

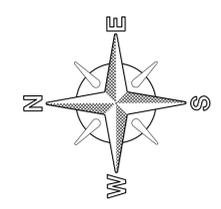
----- PHASE #



C-44

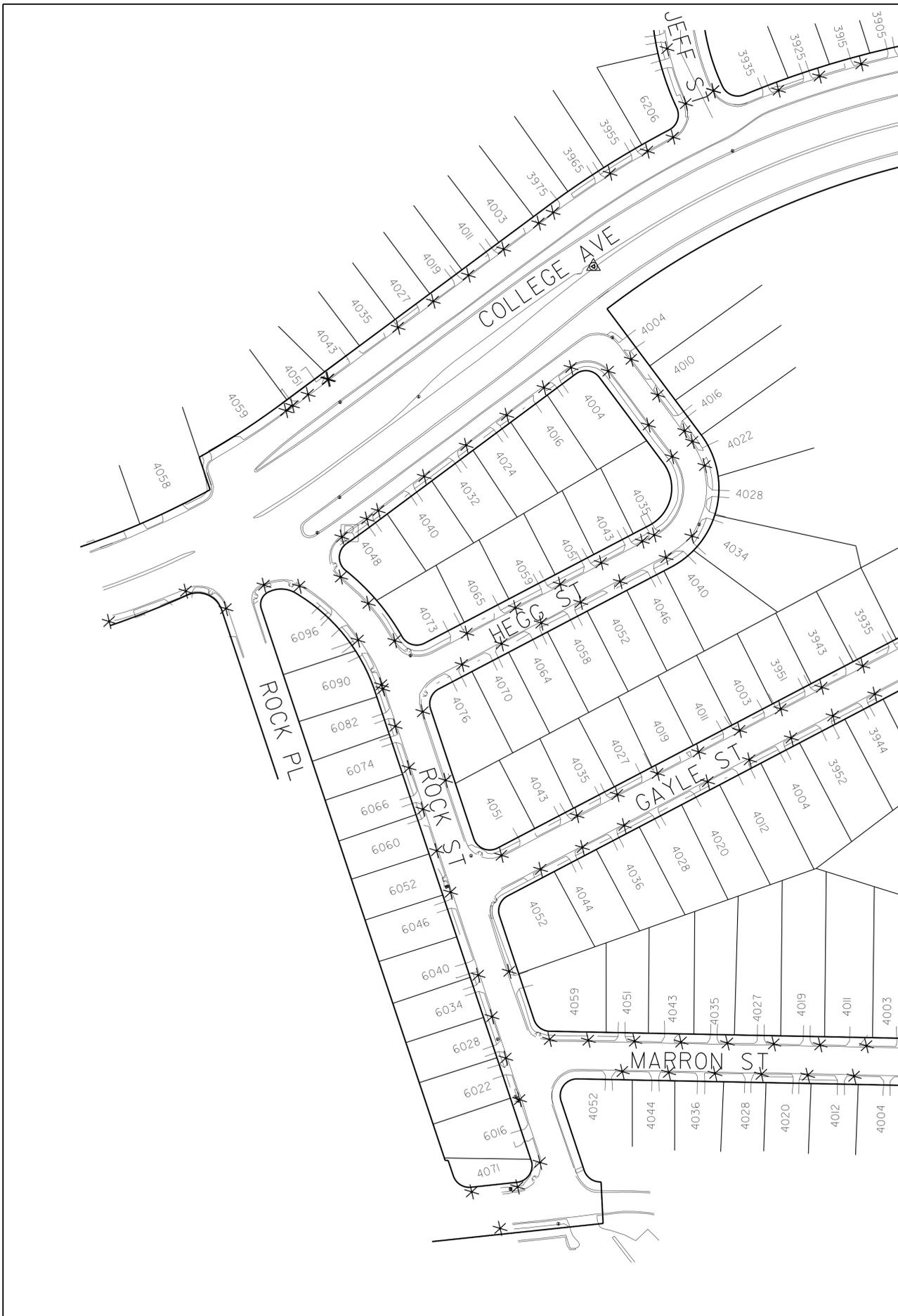
**REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
WORK BY CITY FORCES**

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 46 OF 60 SHEETS		WATER WBS B-19194	
APPROVED: <i>REX NARVAEZ</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE: 01/29/2024 C-88070 RCE#		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>REX</i>	01/29/24		SEE EACH SHEET CCS27 COORDINATE
ADDENDUM A	RA/CN	<i>REX</i>	02/29/24		SEE EACH SHEET CCS83 COORDINATE
CONTRACTOR INSPECTOR			NTP DATE	42340-46-D	
			NOC DATE		



NOT TO SCALE

WORK BY CITY FORCES



MATCH LINE SEE SHEET 50

LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING (M-10A)
□	LOCATION OF SURVEY BENCH MARK
⊕	LOCATION OF FOUND GPS POINT
△	LOCATION OF FOUND EVIDENCE OF MONUMENT
○	MAP NUMBER

MONUMENTATION / SURVEY NOTES

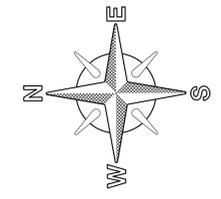
THIS MAP WAS CREATED FROM A PARCEL LAYER AND DOES NOT DEPICT THE ACTUAL LOCATION OF THE PROPERTY LINES. NO BOUNDARY ANALYSIS WAS PERFORMED. THE SURVEY MONUMENTS HAVE BEEN LOCATED BY SURVEY GRADE MEASUREMENTS, AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE CITY OF SAN DIEGO LAND SURVEYORS SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS. WHEN SETTING SURVEY MONUMENTS USED FOR RE-ESTABLISHMENT OF THE DISTURBED CONTROLLING SURVEY MONUMENTS AS REQUIRED BY SECTIONS 6730.2 AND 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA, A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED WITH THE COUNTY SURVEYOR.

IF ANY HORIZONTAL OR VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ANY HORIZONTAL CONTROL AND VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION IF THE CITY OF SAN DIEGO SURVEY SECTION IS NOT NOTIFIED PRIOR TO CONSTRUCTION. THE FILING OF A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE SHALL BE FILED WITH COUNTY SURVEYOR. A COPY OF THE FILED DOCUMENT SHALL BE FURNISHED TO THE CITY OF SAN DIEGO SURVEY SECTION.

C-47

REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
SURVEY MONUMENT SHEET



NOT TO SCALE

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 49 OF 60 SHEETS		WATER WBS B-19194	
		APPROVED: <i>RN</i> 01/29/2024 FOR CITY ENGINEER DATE REX NARVAEZ C-88070 PRINT DCE NAME RCE#		SUBMITTED BY: JODY CHEUNG PROJECT MANAGER DESIGNED BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>RN</i>	01/29/24		SEE EACH SHEET
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		CCS27 COORDINATE
					SEE EACH SHEET
					CCS83 COORDINATE
CONTRACTOR		NTP DATE		42340-49-D	
INSPECTOR		NOC DATE			

SURVEY MONUMENT SHEET

MATCH LINE SEE SHEET 49



MATCH LINE SEE SHEET 51 & 52

LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING M-10A
□	LOCATION OF SURVEY BENCH MARK
⊕	LOCATION OF FOUND GPS POINT
△	LOCATION OF FOUND EVIDENCE OF MONUMENT
○	MAP NUMBER

MONUMENTATION / SURVEY NOTES

THIS MAP WAS CREATED FROM A PARCEL LAYER AND DOES NOT DEPICT THE ACTUAL LOCATION OF THE PROPERTY LINES. NO BOUNDARY ANALYSIS WAS PERFORMED. THE SURVEY MONUMENTS HAVE BEEN LOCATED BY SURVEY GRADE MEASUREMENTS, AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

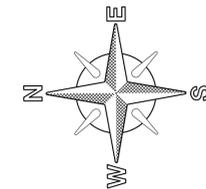
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C-48

REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
SURVEY MONUMENT SHEET

SPEC. NO. 2267 	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 50 OF 60 SHEETS	WATER WBS B-19194 SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER															
APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME	DATE: 01/29/2024 DATE: C-88070 RCE#	NTP DATE: _____ NOC DATE: _____															
<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>BY</th> <th>APPROVED</th> <th>DATE</th> <th>FILMED</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td>RA/CN</td> <td><i>RN</i></td> <td>01/29/24</td> <td></td> </tr> <tr> <td>ADDENDUM A</td> <td>RA/CN</td> <td><i>RN</i></td> <td>02/29/24</td> <td></td> </tr> </tbody> </table>	DESCRIPTION	BY	APPROVED	DATE	FILMED	ORIGINAL	RA/CN	<i>RN</i>	01/29/24		ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS27 COORDINATE SEE EACH SHEET CCS83 COORDINATE	42340-50-D
DESCRIPTION	BY	APPROVED	DATE	FILMED													
ORIGINAL	RA/CN	<i>RN</i>	01/29/24														
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24														

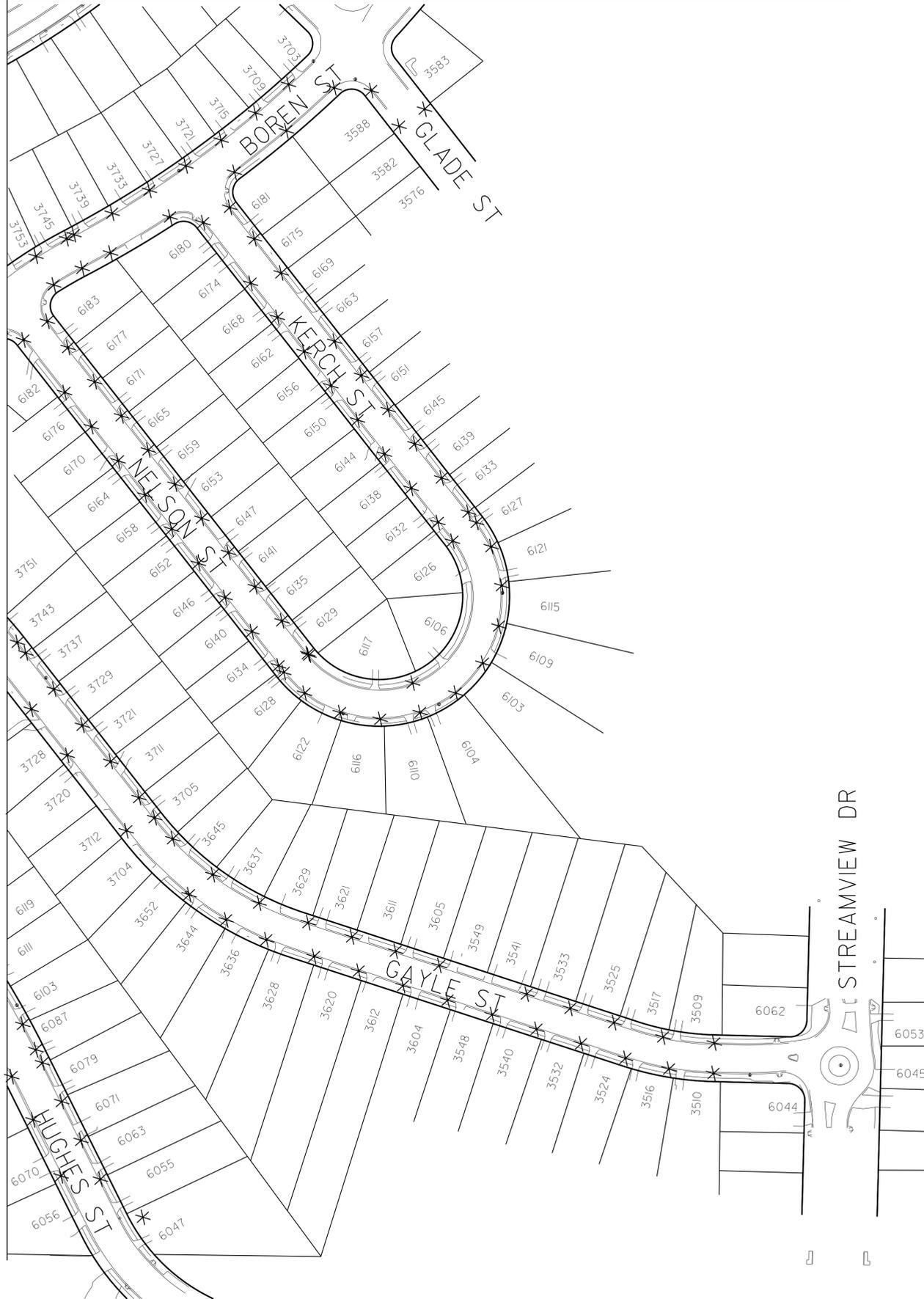


NOT TO SCALE

SURVEY MONUMENT SHEET

MATCH LINE SEE SHEET 52

MATCH LINE SEE SHEET 50



LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING M-10A
□	LOCATION OF SURVEY BENCH MARK
⊕	LOCATION OF FOUND GPS POINT
△	LOCATION OF FOUND EVIDENCE OF MONUMENT
○	MAP NUMBER

MONUMENTATION / SURVEY NOTES

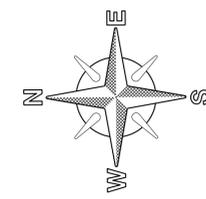
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C-49

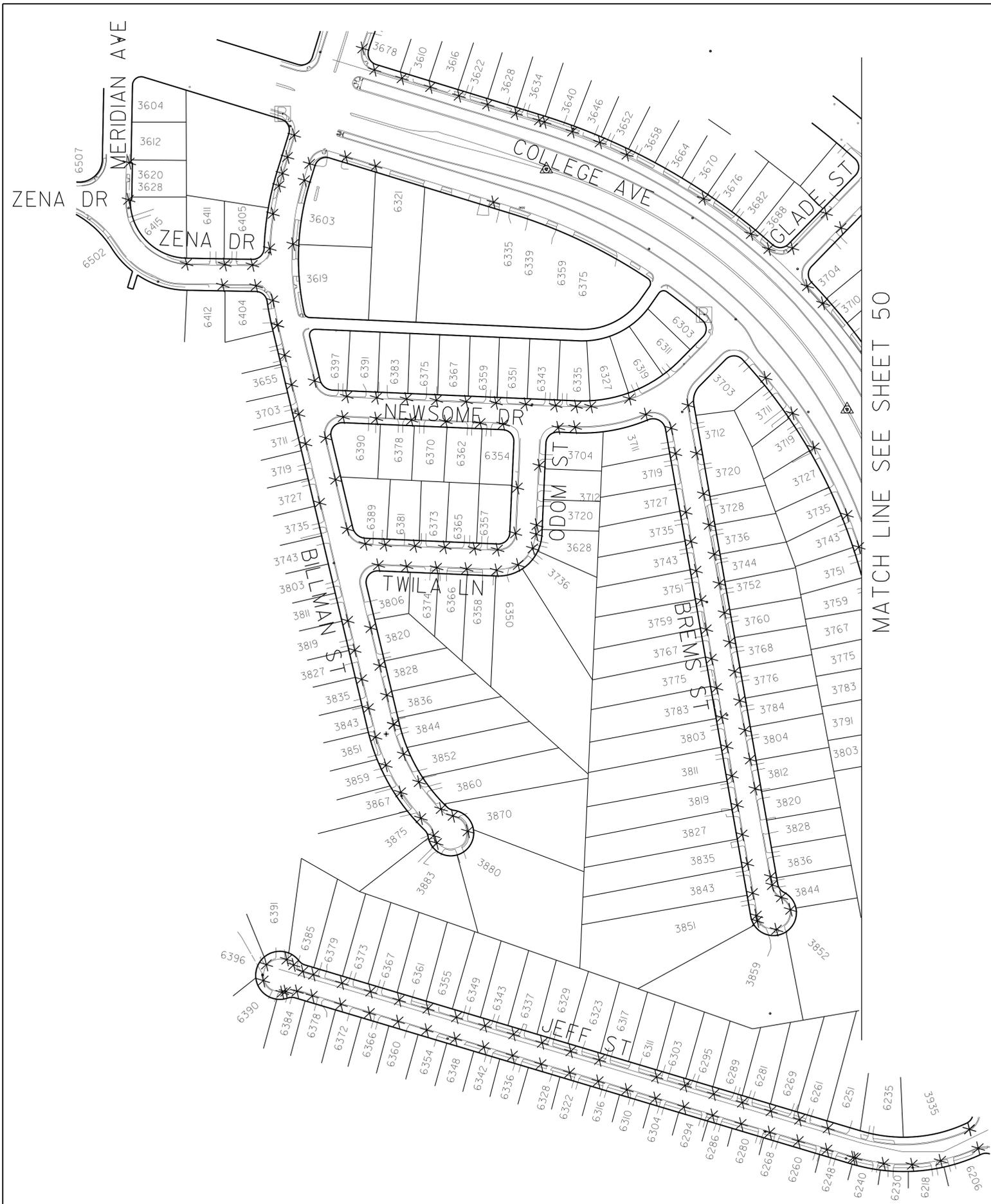
REDWOOD VILLAGE ROLANDO
 PARK IMPROV 2
 SURVEY MONUMENT SHEET



NOT TO SCALE

SPEC. NO. 2267 	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 51 OF 60 SHEETS		WATER WBS B-19194
	APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME	DATE 01/29/2024 C-88070 RCE#	SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER
DESCRIPTION ORIGINAL RA/CN ADDENDUM A RA/CN	BY <i>RN</i> <i>RN</i>	APPROVED <i>RN</i> <i>RN</i>	DATE 01/29/24 02/29/24
CONTRACTOR INSPECTOR			NTP DATE NOC DATE 42340-51-D

SURVEY MONUMENT SHEET



MATCH LINE SEE SHEET 50

LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING M-IOA
□	LOCATION OF SURVEY BENCH MARK
⊕	LOCATION OF FOUND GPS POINT
△	LOCATION OF FOUND EVIDENCE OF MONUMENT
○	MAP NUMBER

MONUMENTATION / SURVEY NOTES

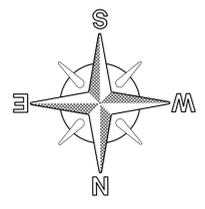
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C-50

REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
SURVEY MONUMENT SHEET



NOT TO SCALE

	SPEC. NO. 2267 CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 52 OF 60 SHEETS	WATER WBS: B-19194 SUBMITTED BY: JODY CHEUNG PROJECT MANAGER CHECKED BY: CARLOS NAVARRO PROJECT ENGINEER															
APPROVED: <i>RN</i> FOR CITY ENGINEER: REX NARVAEZ PRINT DEC. NAME: REX NARVAEZ DATE: 01/29/2024 DATE: C-88070 RCE#:	<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>BY</th> <th>APPROVED</th> <th>DATE</th> <th>FILMED</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td>RA/CN</td> <td><i>RN</i></td> <td>01/29/24</td> <td></td> </tr> <tr> <td>ADDENDUM A</td> <td>RA/CN</td> <td><i>RN</i></td> <td>02/29/24</td> <td></td> </tr> </tbody> </table>	DESCRIPTION	BY	APPROVED	DATE	FILMED	ORIGINAL	RA/CN	<i>RN</i>	01/29/24		ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS27 COORDINATE SEE EACH SHEET CCS83 COORDINATE 42340-52-D
DESCRIPTION	BY	APPROVED	DATE	FILMED													
ORIGINAL	RA/CN	<i>RN</i>	01/29/24														
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24														
CONTRACTOR: _____ INSPECTOR: _____	NTP DATE: _____ NOC DATE: _____																

SURVEY MONUMENT SHEET

MATCH LINE SEE SHEET 57



MATCH LINE SEE SHEET 59 & 60

ADD CROSS GUTTER PER SDG-157



CURB RAMP NOTES TABLE

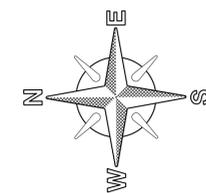
LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
					STAINLESS STEEL	REPLACE SPANDREL (SP) OR CONCRETE ALLEY APRON (CAA)	
1	C-1	9.91		X	X		
2	C-1	9.74		X	X		LOCATED IN FRONT OF 6103 HUGHES ST. AT THIS LOCATION FROM THIS CURB RAMP CROSSING HUGHES ST. ENSURE LEVEL LANDING BEFORE WATER METER BOX; REPLACE WATER METERBOX AND SEWER METER IF AFFECTED BY CURB RAMP INSTALLATION TO THE GRADE OF THE NEW CURB RAMP.



C-56

REDWOOD VILLAGE ROLANDO PARK IMPROV 2
CURB RAMP LOCATIONS

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 58 OF 60 SHEETS		WATER WBS B-19194	
APPROVED BY: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE: 01/29/2024 PROJECT MANAGER		SUBMITTED BY: JODY CHEUNG PROJECT ENGINEER	
DESIGNER: <i>RN</i> PRINT DCE NAME		DATE: 01/29/24 PROJECT ENGINEER		DRAWN BY: CARLOS NAVARRO PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	RA/CN	<i>RN</i>	01/29/24		SEE EACH SHEET CCS27 COORDINATE
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS83 COORDINATE
CONTRACTOR INSPECTOR		NTP DATE		NO. DATE	
				42340-58-D	

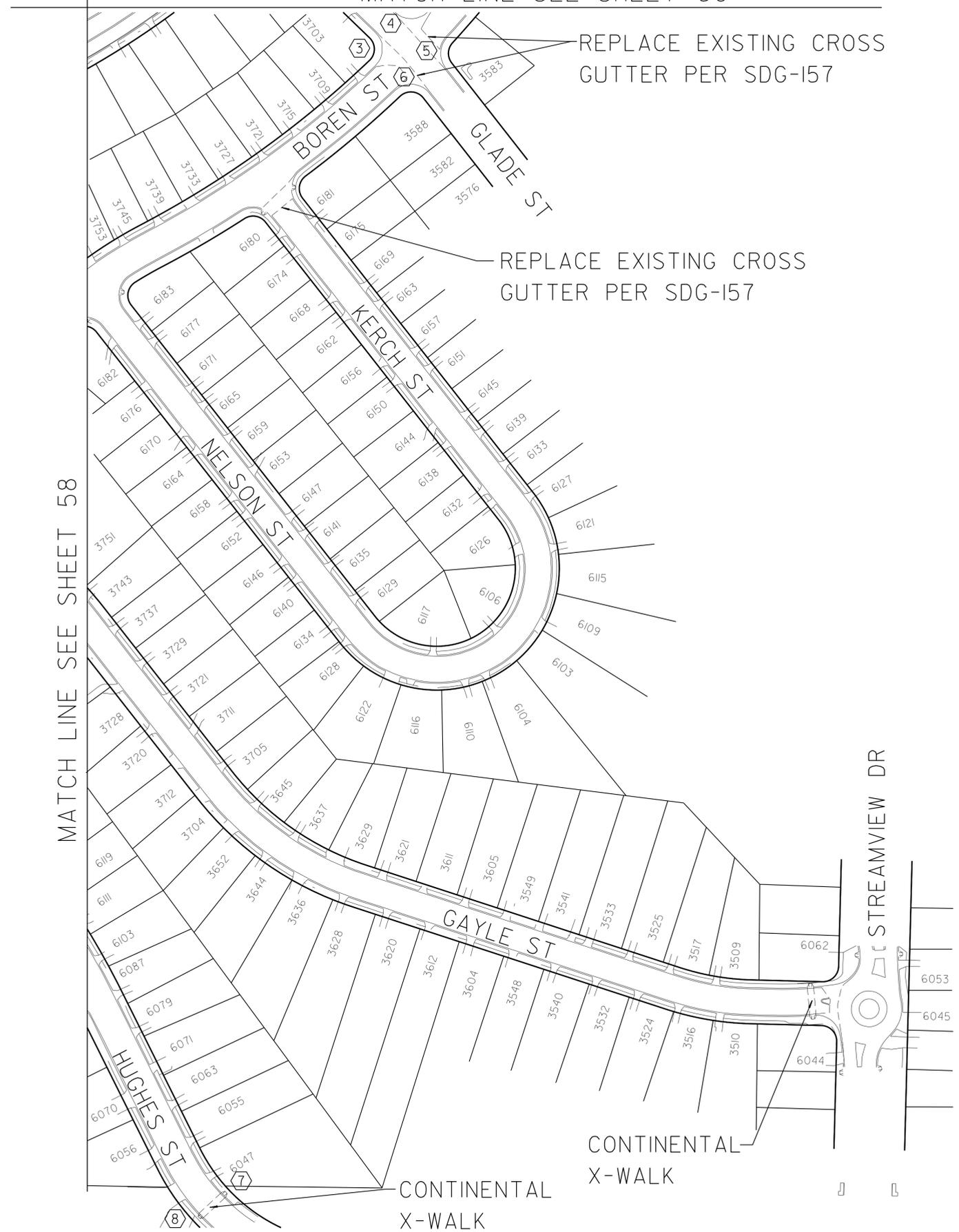


NOT TO SCALE

CURB RAMP LOCATIONS

MATCH LINE SEE SHEET 60

MATCH LINE SEE SHEET 58



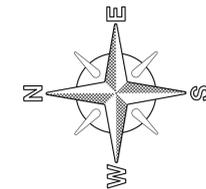
CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	DETECTABLE WARNING TILES		REPLACE SPANDREL (SP) OR CONCRETE ALLEY APRON (CAA)	COMMENTS / MODIFICATIONS
					STAINLESS STEEL			
3	C-1	9.90		X	X		X	
4	C-1	10.04		X	X		X	
5	C-1	9.90		X	X		X	
6	C-1	9.90		X	X		X	
7	C-1	9.55		X	X			INCLUDE CONTINENTAL CROSSING STRIPING. TO REPLACE FENCE IF DISTURBED
8	B	10.58		X	X		X	INCLUDE CONTINENTAL CROSSING STRIPING

C-57

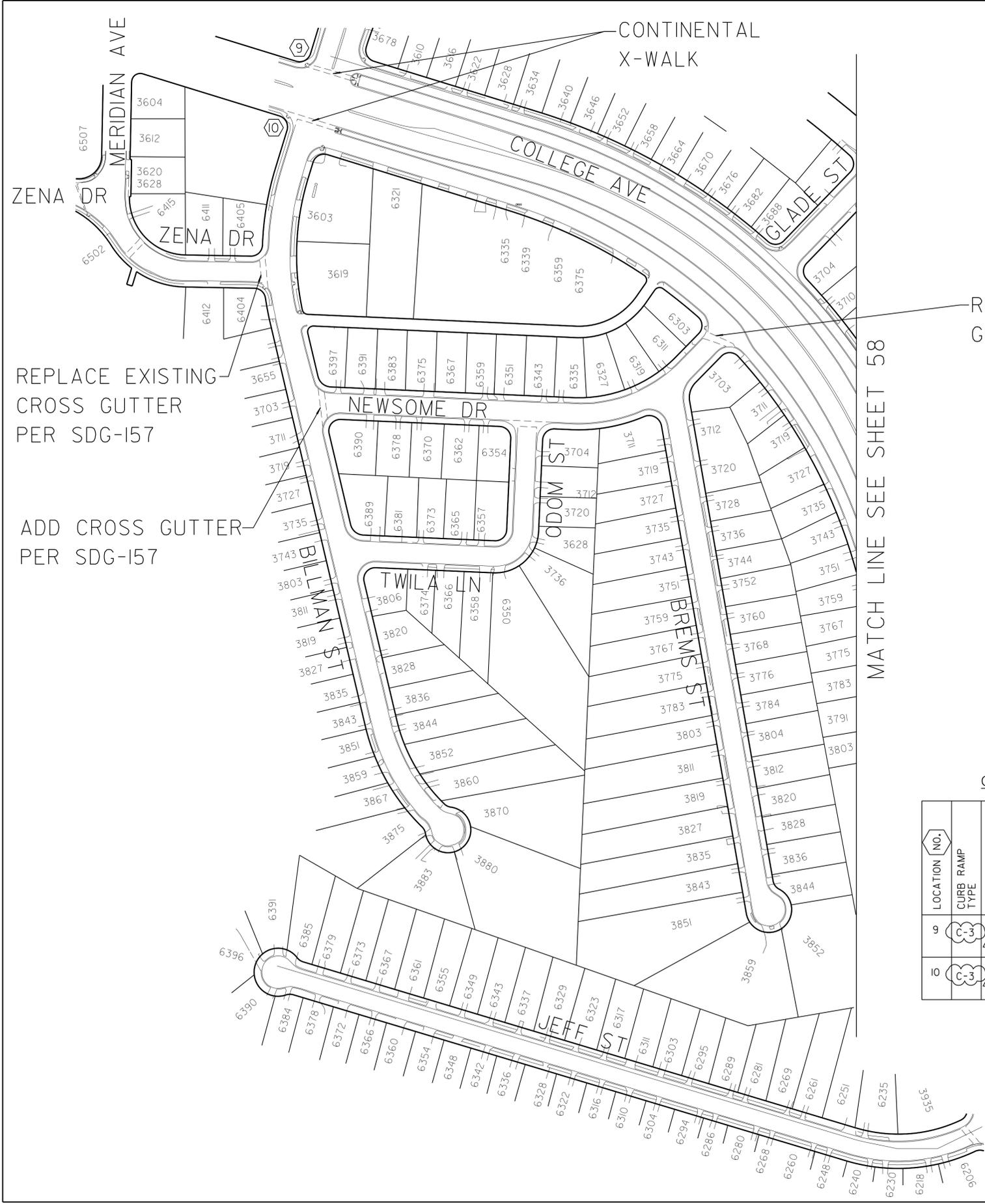
REDWOOD VILLAGE ROLANDO PARK IMPROV 2
CURB RAMP LOCATIONS

SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 59 OF 60 SHEETS			WATER WBS B-19194	
APPROVED: <i>RN</i> FOR CITY ENGINEER REX NARVAEZ PRINT DCE NAME		DATE 01/29/2024 C-88070		SUBMITTED BY JODY CHEUNG PROJECT MANAGER		
DESIGNER: <i>RN</i> PROJECT ENGINEER		DRAWN BY CARLOS NAVARRO PROJECT ENGINEER				
DESCRIPTION	BY	APPROVED	DATE	FILMED	SEE EACH SHEET	
ORIGINAL	RA/CN	<i>RN</i>	01/29/24		CCS27 COORDINATE	
ADDENDUM A	RA/CN	<i>RN</i>	02/29/24		SEE EACH SHEET CCS83 COORDINATE	
CONTRACTOR INSPECTOR			NTP DATE		42340-59-D	
			NOC DATE			



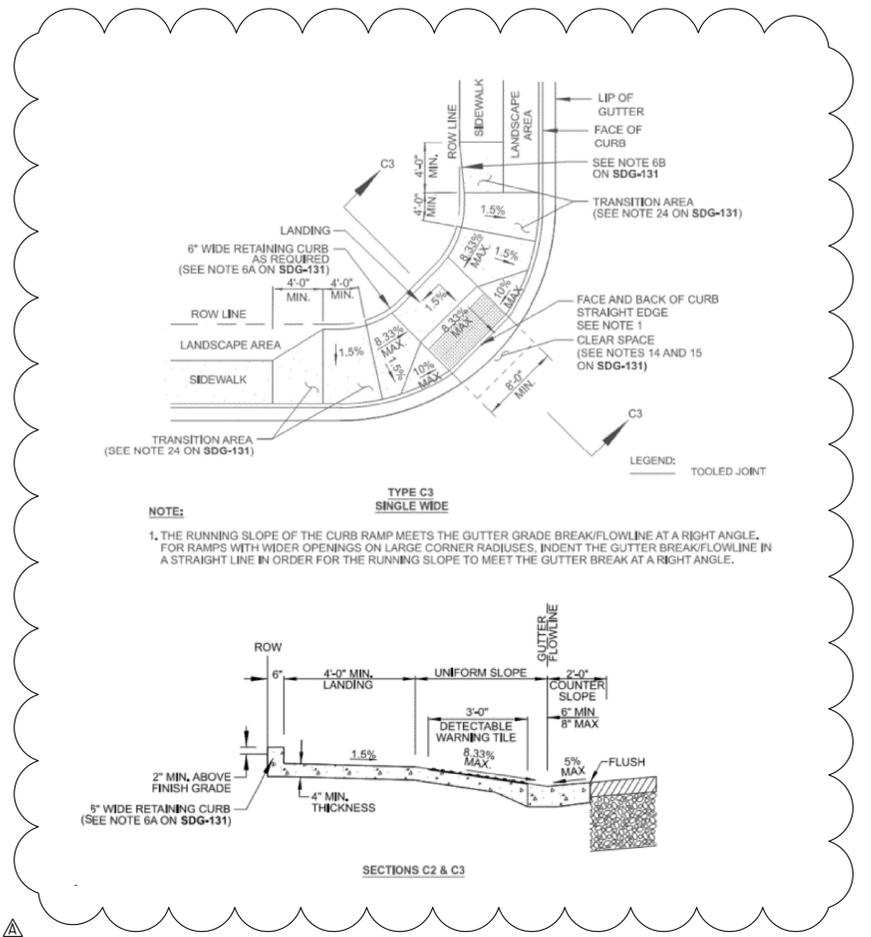
NOT TO SCALE

CURB RAMP LOCATIONS



MATCH LINE SEE SHEET 58

REPLACE EXISTING CROSS GUTTER PER SDG-I57

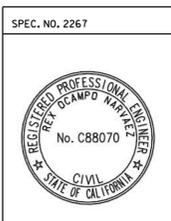
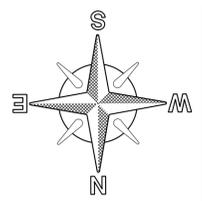


CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	DETECTABLE WARNING TILES		REPLACE SPANDREL (SPI OR CONCRETE ALLEY APRON (CAA))	COMMENTS / MODIFICATIONS
				NEW	STAINLESS STEEL		
9	C-3	6.63	X		X		PUSH BUTTON MAY HAVE TO BE RELOCATED 8' MIN OPENING WIDTH.
10	C-3	9.22	X		X		PUSH BUTTON MAY HAVE TO BE RELOCATED 8' MIN OPENING WIDTH.

C-58

REDWOOD VILLAGE ROLANDO
PARK IMPROV 2
CURB RAMP LOCATIONS



SPEC. NO. 2267		CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 60 OF 60 SHEETS		WATER WBS B-19194	
APPROVED FOR CITY ENGINEER REX NARVAEZ	DATE 01/29/2024	PROJECT MANAGER JODY CHEUNG		PROJECT ENGINEER CARLOS NAVARRO	
PRINT DCE NAME REX NARVAEZ	DATE 01/29/2024	RA/CN RA/CN	APPROVED RA/CN	DATE 02/29/24	FILMED
DESCRIPTION ORIGINAL			SEE EACH SHEET CCS27 COORDINATE		
ADDENDUM A			SEE EACH SHEET CCS83 COORDINATE		
CONTRACTOR INSPECTOR			NTP DATE NOC DATE		
			42340-60-D		

CURB RAMP LOCATIONS

Bid Results

Bidder Details

Vendor Name TC Construction Company, Inc.
Address 10540 Prospect Avenue Austin Cameron 619-726-7023
Santee, California 92071
United States
Respondee Elan Schier
Respondee Title Chief Estimator
Phone 619-448-4560
Email eschier@tcincsd.com
Vendor Type CADIR, MALE, CAU
License # 402459
CADIR 1000003132

Bid Detail

Bid Format Electronic
Submitted 03/11/2024 1:46 PM (PDT)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 367148

Respondee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
Contractors Cert Pending Actions.pdf	Contractors Cert Pending Actions.pdf	Contractor's Certification of Pending Actions
Subcontractors For Alternates.pdf	Subcontractors For Alternates.pdf	Subcontractor Listing for Alternate Items
Mandatory Disclosure.pdf	Mandatory Disclosure.pdf	Mandatory Disclosure of Business Interests Form
Debarment Prime.pdf	Debarment Prime.pdf	Prime Contractor - Debarment and Suspension
Debarment Subcontractors.pdf	Debarment Subcontractors.pdf	Subcontractor - Debarment and Suspension
Bid Bond Redwood Village 2.pdf	Bid Bond Redwood Village 2.pdf	Bid Bond

Subcontractors

Showing 5 Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
Piperin Corporation 510 Venture Street Escondido, California 92029	Portions of Water Mains, Services & Appurtenances Constructor SLBE	964028	1000000485	\$2,582,799.00	CADIR, SLBE, Local
REC TRUCKING INC DBA AR CONCR PO BOX 1456 Chula vista, California 91912	Concrete Flatwork Constructor ELBE	1087615	1000040647	\$114,057.50	ELBE, DBE, CADIR, MALE, LAT, Local
Southwest Traffic Signal Service, Inc 9201 Isaac St Suite A Santee, California 92071	Traffic Loops Constructor SLBE	451115	1000004265	\$8,400.00	DVBE, CADIR, Local
Statewide Stripes Inc. PO Box 600710 San Diego, California 92160	Striping Constructor	788286	1000001334	\$50,607.00	CADIR, DBE, Local
Two Rivers Strategies 9820 Alto Dr. La Mesa, California 91941	Community Liaison Consultant ELBE	N/A	1000871377	\$36,000.00	MBE, SDB, WBE, FEM, WOSB, ELBE, Local

Line Items

Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
Main Bid (B-19194 Redwood Village Rolando Park Improv)							\$10,881,253.00		
1	524126		Bonds (Payment and Performance)	LS	1	\$72,000.00	\$72,000.00	Yes	
2	541820		Exclusive Community Liaison Services	LS	1	\$50,000.00	\$50,000.00	Yes	
3	237110		Mobilization	LS	1	\$750,000.00	\$750,000.00	Yes	
4			Field Orders (EOC Type II)	AL	1	\$350,000.00	\$350,000.00	Yes	
5	237310		Historical and Contractor Date Stamps and Impressions	EA	20	\$232.00	\$4,640.00	Yes	
6	237310		Cross Gutter	SF	3250	\$23.00	\$74,750.00	Yes	
7	237310		Curb Ramp (Type C-1) with Stainless Steel Detectable Warning Tiles	EA	7	\$6,300.00	\$44,100.00	Yes	
8	237110		Removal or Abandonment of Existing Water Facilities	LF	2493	\$21.00	\$52,353.00	Yes	
9	237110		Handling and Disposal of Non-friable Asbestos Material	LF	20905	\$12.00	\$250,860.00	Yes	
10	237110		4-Inch or Larger Meter for Construction Flushing (EOC Type I)	AL	1	\$20,000.00	\$20,000.00	Yes	
11	237110		Water Main (8 Inch)	LF	9785	\$214.00	\$2,093,990.00	Yes	
12	237110		Water Main (8 Inch, Class 305)	LF	11175	\$222.00	\$2,480,850.00	Yes	
13	237110		Butterfly Valve (16 Inch, Class 250B)	EA	3	\$7,800.00	\$23,400.00	Yes	
14	237110		Butterfly Valve (16 Inch, Class 305)	EA	1	\$8,200.00	\$8,200.00	Yes	
15	237110		Gate Valve (8 Inch)	EA	60	\$3,600.00	\$216,000.00	Yes	
16	237110		Gate Valve (12 Inch)	EA	2	\$6,000.00	\$12,000.00	Yes	
17	237110		Fire Hydrant Assembly and Marker (6 Inch)	EA	44	\$14,000.00	\$616,000.00	Yes	
18	237110		Fire Hydrant Assembly and Marker (6 Inch) 3-Port	EA	6	\$15,000.00	\$90,000.00	Yes	
19	237110		Water Service (1 Inch)	EA	530	\$4,750.00	\$2,517,500.00	Yes	
20	237110		Water Service (2 Inch)	EA	3	\$6,200.00	\$18,600.00	Yes	
21	237110		Water Service Transfer (1 Inch)	EA	13	\$4,400.00	\$57,200.00	Yes	
22	237110		Blow-Off Valve Assembly (2 Inch)	EA	11	\$9,800.00	\$107,800.00	Yes	
23	237110		Air and Vacuum (Air Release) Valve Assembly (2 Inch)	EA	14	\$10,000.00	\$140,000.00	Yes	
24	237110		Traffic Rated Water Meter Box	EA	2	\$1,200.00	\$2,400.00	Yes	
25	237310		Temporary Resurfacing	TON	920	\$155.00	\$142,600.00	Yes	
26	237110		Imported Trench Backfill	TON	5500	\$14.00	\$77,000.00	Yes	
27	237310		Removal and Replacement of Existing Paint Striping	LS	1	\$8,500.00	\$8,500.00	Yes	
28	237310		Removal and Replacement of Existing Thermoplastic Striping and Markings	LS	1	\$24,000.00	\$24,000.00	Yes	
29	237310		Continental Crosswalks	SF	2020	\$8.00	\$16,160.00	Yes	
30	238990		Video Recording of Existing Conditions	LS	1	\$6,500.00	\$6,500.00	Yes	
31	237110		Potholing Existing Utilities Not Shown on Plans (Depth upto 7 Feet)	EA	50	\$1,600.00	\$80,000.00	Yes	
32	237310		Adjust Existing Manhole Frame and Cover to Grade	EA	30	\$990.00	\$29,700.00	Yes	
33	237310		Adjust Existing Gate Valve Frame and Cover to Grade	EA	10	\$890.00	\$8,900.00	Yes	
34	237310		Adjust Existing Survey Monument to Grade	EA	2	\$1,400.00	\$2,800.00	Yes	
35	237310		Traffic Signal Loop and Appurtenance Replacement (Type E)	EA	4	\$2,900.00	\$11,600.00	Yes	
36	541330		Traffic Control and Engineered Traffic Control Plans	LS	1	\$210,000.00	\$210,000.00	Yes	
37	237110		Pavement Restoration for Final Connection	SF	500	\$46.00	\$23,000.00	Yes	
38	541330		WPCP Development	LS	1	\$3,500.00	\$3,500.00	Yes	
39	237310		WPCP Implementation	LS	1	\$140,000.00	\$140,000.00	Yes	
40	237110		Water Main (12 Inch)	LF	50	\$420.00	\$21,000.00	Yes	
41	238990		Project Identification Sign (24" x 36")	EA	3	\$750.00	\$2,250.00	Yes	
42	237310		Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles	EA	1	\$6,300.00	\$6,300.00	Yes	
43	237310		Curb Ramp (Type C-3) with Stainless Steel Detectable Warning Tiles	EA	2	\$7,400.00	\$14,800.00	Yes	
Main Bid (B-15030 Redwood Village Standpipe)							\$873,634.00		
44	524126		Bonds (Payment and Performance)	LS	1	\$5,000.00	\$5,000.00	Yes	
45	541820		Exclusive Community Liaison Services	LS	1	\$4,600.00	\$4,600.00	Yes	
46	237110		Mobilization	LS	1	\$20,000.00	\$20,000.00	Yes	
47			Field Orders (EOC Type II)	AL	1	\$30,000.00	\$30,000.00	Yes	
48	237310		Historical and Contractor Date Stamps and Impressions	EA	3	\$232.00	\$696.00	Yes	

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
49	237110		Removal or Abandonment of Existing Water Facilities	LF	1104	\$42.00	\$46,368.00	Yes	
50	237110		Handling and Disposal of Non-friable Asbestos Material	LF	150	\$12.00	\$1,800.00	Yes	
51	237110		4-Inch or Larger Meter for Construction Flushing (EOC Type I)	AL	1	\$3,000.00	\$3,000.00	Yes	
52	237110		Water Main (12 Inch, Class 305)	LF	505	\$360.00	\$181,800.00	Yes	
53	237110		Gate Valve (8 Inch)	EA	1	\$3,800.00	\$3,800.00	Yes	
54	237110		Gate Valve (12 Inch)	EA	6	\$5,200.00	\$31,200.00	Yes	
55	237110		Fire Hydrant Assembly and Marker (6 Inch) 3-Port	EA	1	\$12,000.00	\$12,000.00	Yes	
56	237110		Blow-Off Valve Assembly (2 Inch)	EA	1	\$11,000.00	\$11,000.00	Yes	
57	237310		Temporary Resurfacing	TON	20	\$150.00	\$3,000.00	Yes	
58	237110		Imported Trench Backfill	TON	300	\$15.00	\$4,500.00	Yes	
59	237310		Removal and Replacement of Existing Paint Striping	LS	1	\$4,100.00	\$4,100.00	Yes	
60	237310		Removal and Replacement of Existing Thermoplastic Striping and Markings	LS	1	\$8,100.00	\$8,100.00	Yes	
61	238990		Video Recording of Existing Conditions	LS	1	\$1,500.00	\$1,500.00	Yes	
62	237110		Potholing Existing Utilities Not Shown on Plans (Depth upto 7 Feet)	EA	8	\$1,600.00	\$12,800.00	Yes	
63	237310		Adjust Existing Manhole Frame and Cover to Grade	EA	3	\$990.00	\$2,970.00	Yes	
64	237310		Adjust Existing Gate Valve Frame and Cover to Grade	EA	5	\$890.00	\$4,450.00	Yes	
65	237310		Adjust Existing Survey Monument to Grade	EA	1	\$1,400.00	\$1,400.00	Yes	
66	541330		Traffic Control and Working Drawings	LS	1	\$12,000.00	\$12,000.00	Yes	
67	237110		Pavement Restoration for Final Connection	SF	200	\$43.00	\$8,600.00	Yes	
68	541330		WPCP Development	LS	1	\$1,200.00	\$1,200.00	Yes	
69	237310		WPCP Implementation	LS	1	\$5,000.00	\$5,000.00	Yes	
70	237110		Contractor Furnished Materials for the City Forces High-line Work	LF	21000	\$12.00	\$252,000.00	Yes	
71	237110		Contractor Furnished Materials for City Forces Connection, Cut and Plug, and Cut-in Work for Mains 16-inch and Larger	LS	1	\$165,000.00	\$165,000.00	Yes	
72	237110		Water Main (16 Inch)	LF	45	\$500.00	\$22,500.00	Yes	
73	238990		Project Identification Sign (24" x 36")	EA	1	\$750.00	\$750.00	Yes	
74	237110		Gate Valve (16 Inch)	EA	1	\$12,500.00	\$12,500.00	Yes	
Additive Alternate A (B-19194 Redwood Village Rolando Park Improv)							\$897,900.00		
75	237110		Furnished Materials for Contractor High-line Work	LF	21000	\$1.00	\$21,000.00	Yes	
76	237110		High-lining Installation by the Contractor	LF	21000	\$4.50	\$94,500.00	Yes	
77	237110		High-lining Removed by the Contractor	LF	21000	\$6.00	\$126,000.00	Yes	
78	237110		Cut and Plug by Contractor	EA	23	\$3,800.00	\$87,400.00	Yes	
79	237110		Connections to The Existing System by Contractor (8 Inch through 12 Inch)	EA	40	\$5,900.00	\$236,000.00	Yes	
80	237110		Cut-in Tee by Contractor (8 Inch through 12 Inch)	EA	15	\$11,000.00	\$165,000.00	Yes	
81	237110		Cut-in Tee by Contractor (16 Inch)	EA	4	\$14,000.00	\$56,000.00	Yes	
82	237110		Cut-in Cross by Contractor (8 Inch through 12 Inch)	EA	8	\$14,000.00	\$112,000.00	Yes	
Deductive Alternate B (B-19194 Redwood Village Rolando Park Improv)							-\$417,000.00		
83	237110		Contractor Furnished Materials for the City Forces High-line Work (Deductive)	LF	-21000	\$12.00	-\$252,000.00	Yes	
84	237110		Contractor Furnished Materials for City Forces Connection, Cut and Plug, and Cut-in Work for Mains 16-inch and Larger (Deductive)	LS	-1	\$165,000.00	-\$165,000.00	Yes	
Additive Alternate C (B-19194 Redwood Village Rolando Park Improv)							\$1,545,930.00		
85	237310		Asphalt Concrete Overlay (2 Inch)	TON	3460	\$140.00	\$484,400.00	Yes	
86	237310		Cold Milling (2 Inch)	SF	296340	\$0.60	\$177,804.00	Yes	
87	237310		Excavate and Export (Unscheduled) (10 Inch)	CY	1248	\$390.00	\$486,720.00	Yes	
88	237310		Class 2 Aggregate Base (Unscheduled, 5 Inch)	TON	16854	\$15.00	\$252,810.00	Yes	
89	237310		Asphalt Concrete Base (Unscheduled, 5 Inch)	TON	1222	\$118.00	\$144,196.00	Yes	
Additive Alternate D (B-15030 Redwood Village Standpipe)							\$102,900.00		
90	237110		Cut and Plug by Contractor	EA	6	\$5,600.00	\$33,600.00	Yes	
91	237110		Connections to The Existing System by Contractor (8 Inch through 12 Inch)	EA	3	\$8,100.00	\$24,300.00	Yes	
92	237110		Cut-in Tee by Contractor (8 Inch through 12 Inch)	EA	2	\$14,000.00	\$28,000.00	Yes	
93	237110		Connections to The Existing System by Contractor (16 Inch)	EA	1	\$17,000.00	\$17,000.00	Yes	
Additive Alternate E (B-15030 Redwood Village Standpipe)							\$171,535.00		

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
94	237310		Asphalt Concrete Overlay (2 Inch)	TON	260	\$165.00	\$42,900.00	Yes	
95	237310		Cold Milling (2 Inch)	SF	22000	\$1.05	\$23,100.00	Yes	
96	237310		Excavate and Export (Unscheduled) (10 Inch)	CY	205	\$375.00	\$76,875.00	Yes	
97	237310		Class 2 Aggregate Base (Unscheduled, 5 Inch)	TON	230	\$28.00	\$6,440.00	Yes	
98	237310		Asphalt Concrete Base (Unscheduled, 5 Inch)	TON	202	\$110.00	\$22,220.00	Yes	

Line Item Subtotals

Section Title	Line Total
Main Bid (B-19194 Redwood Village Rolando Park Improv)	\$10,881,253.00
Main Bid (B-15030 Redwood Village Standpipe)	\$873,634.00
Additive Alternate A (B-19194 Redwood Village Rolando Park Improv)	\$897,900.00
Deductive Alternate B (B-19194 Redwood Village Rolando Park Improv)	-\$417,000.00
Additive Alternate C (B-19194 Redwood Village Rolando Park Improv)	\$1,545,930.00
Additive Alternate D (B-15030 Redwood Village Standpipe)	\$102,900.00
Additive Alternate E (B-15030 Redwood Village Standpipe)	\$171,535.00
Grand Total	\$14,056,152.00

SUBCONTRACTOR LISTING (OTHER THAN FIRST TIER)

Pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder is to list below the name, address, license number, DIR registration number of any (known tiered subcontractor)** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract. **If none are known at this time, mark the table below with non-applicable (N/A).**

Prime Contractor Name: TC Construction Company, Inc.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	DIR REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK
Name: _____ Address: _____ City: _____ State: <u>N/A</u> Zip: _____ Phone: _____ Email: _____	N/A	N/A	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				

**** USE ADDITIONAL FORMS AS NECESSARY ****