

City of San Diego

CONTRACTOR'S NAME: Burtech Pipeline Incorporated

ADDRESS: 102 Second St., Encinitas, CA 92024

TELEPHONE NO.: 760-634-2822

FAX NO.: _____

CITY CONTACT: Brittany Friedenreich, Sr. Contract Specialist, Email: BFriedenreic@sandiego.gov

Phone No. (619) 533-3104

R. Famorcan / D. Hernandez / M. L. Wenceslao

BIDDING DOCUMENTS



FOR

TIERRASANTA IMPROV 1 SEWER

BID NO.: _____ **K-22-2068-DBB-3**

SAP NO. (WBS/IO/CC): _____ **B-21003**

CLIENT DEPARTMENT: _____ **2000**

COUNCIL DISTRICT: _____ **7**

PROJECT TYPE: _____ **JA**

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

BID DUE DATE:

2:00 PM

JANUARY 26, 2022

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

ENGINEER OF WORK

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

Elham Lotfi
For City Engineer

12,28,21
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(e), (3)-(5) 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/index.shtml>

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.	Mandatory Disclosure of Business Interests	At Time of Bid	ALL BIDDERS
4.	Debarment and Suspension Certification for Prime Contractors	At Time of Bid	ALL BIDDERS
5.	Debarment and Suspension Certification for Subcontractors, Suppliers & Mfgs	At Time of Bid	ALL BIDDERS
6.	Contractor's Experience and Past Project Documentation. See SSP and 2018 WB Section 500-2.1, "Initial Submittals"	At Time of Bid	ALL BIDDERS
7.	Manufacturer Authorized Installer Certification. See SSP and 2018 WB Section 500-2.1, "Initial Submittals"	At Time of Bid	ALL BIDDERS
8.	Bid Bond (Original)	By 5PM 3 working days after bid opening	ALL BIDDERS
9.	SLBE Good Faith Effort Documentation	By 5 PM 3 working days after bid opening	ALL BIDDERS
10.	Form AA60 – List of Work Made Available	By 5 PM 3 working days after bid opening with Good Faith Effort (GFE) documentation	ALL BIDDERS

ITEM	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
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
12.	Payment & Performance Bond; Certificates of Insurance & Endorsements; and Signed Contract Agreement Page	Within 10 working days of receipt by bidder of contract forms and NOI	AWARDED BIDDER
13.	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 **Tierrasanta Improv 1 (Sewer)** . 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 **\$2,690,000.00**.
4. **BID DUE DATE AND TIME ARE: January 26, 2022 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 classifications: **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	5.8%
2. ELBE participation	9.5%
3. Total mandatory participation	15.3%
 - 7.2. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
 - 7.2.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR
 - 7.2.2. 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 5 PM 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. AWARD PROCESS:

- 8.1.** 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.
- 8.2.** 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.
- 8.3.** 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.
- 8.4.** The low Bid will be determined by the Base Bid.
- 8.5.** Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base bid alone.

9. SUBMISSION OF QUESTIONS:

- 9.1.** 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:

BFriedenreic@sandiego.gov
- 9.2.** Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 9.3.** 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.
- 9.4.** 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.

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/index.shtml> 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 and 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/	2018	PWPI010119-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* https://www.sandiego.gov/ecp/edocref/greenbook	2018	PWPI010119-02
City of San Diego Standard Drawings* https://www.sandiego.gov/ecp/edocref/standarddraw	2018	PWPI010119-03
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/ccs-standard-plans-and-standard-specifications	2018	PWPI030119-05
CALTRANS Standard Plans https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2018	PWPI030119-06
California Manual on Uniform Traffic Control Devices Revision 6 (CA MUTCD Rev 6) https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files	2014	PWPI060121-10
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 additive or deductive alternate items, in addition to the above requirements, bidder shall further note "ALTERNATE" and alternate item number within the description.
- 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, 3 working days 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, 3 working days after the bid opening date shall cause the bid to be rejected and deemed **non-responsive**.

Due to circumstances related to Covid-19, until further notice, all original bid bond submittals must be received by 5 PM, 3 working days after bid opening.

Upon circumstances returning to normal business as usual, the original bid bond shall once again be due by 5 PM the day after bid opening.

Original Bid Bond shall be submitted to:
Purchasing & Contracting Department, Public Works Division
525 B Street, Suite 750 (7th Floor)
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.

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Burtech Pipeline Inc., a corporation, as principal, and **NORTH AMERICAN SPECIALTY 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 **ONE MILLION FIVE HUNDRED SIXTY SEVEN THOUSAND DOLLARS (\$1,567,000)**, for the faithful performance of the annexed contract, and in the sum of **ONE MILLION FIVE HUNDRED SIXTY SEVEN THOUSAND DOLLARS (\$1,567,000)**, 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.

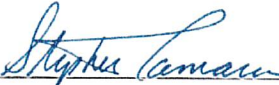
The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

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)

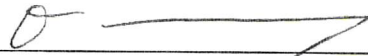
THE CITY OF SAN DIEGO

By: 

Print Name: Stephen Samara
Principal Contract Specialist
Purchasing & Contracting
Public Works

Date: 4/6/2022

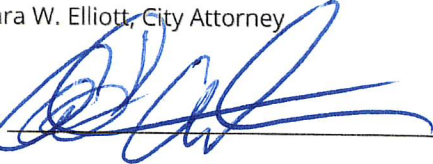
CONTRACTOR
BURTECH PIPELINE, INCORPORATED

By: 

Print Name: DOMINIC J. BURTECH, JR., PRESIDENT

Date: FEBRUARY 10, 2022

APPROVED AS TO FORM

Mara W. Elliott, City Attorney
By: 

Print Name: ADAM WANDER
Deputy City Attorney

Date: 4/7/22

NORTH AMERICAN
SURETY SPECIALTY INSURANCE COMPANY

By: 
Attorney-In-Fact

Print Name: TRACY LYNN RODRIGUEZ, ATTORNEY-IN-FACT

Date: FEBRUARY 10, 2022

777 SOUTH FIGUEROA STREET, SUITE 3700
LOS ANGELES, CA 90017

Local Address of Surety

800/338-0753

Local Phone Number of Surety

\$11,846.00
PREMIUM IS FOR CONTRACT TERM
AND IS SUBJECT TO ADJUSTMENT
BASED ON FINAL CONTRACT PRICE

Premium

2331251

Bond Number

CALIFORNIA ALL-PURPOSE CERTIFICATE OF 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 2/15/2022 before me, Arthur P. Arquilla, Notary Public
(Here insert name and title of the officer)

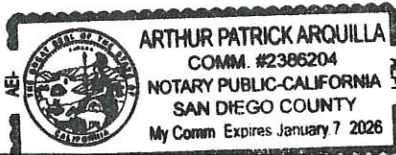
personally appeared Dominic Burtch,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s)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

Arthur P. Arquilla
Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
 Corporate Officer

(Title)

- Partner(s)
 Attorney-in-Fact
 Trustee(s)
 Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

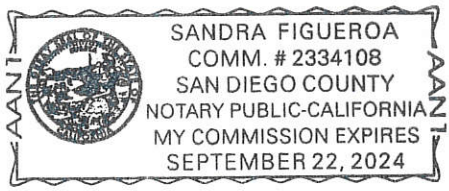
CIVIL CODE § 1189

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 2/10/2022 before me, SANDRA FIGUEROA, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer
personally appeared TRACY LYNN RODRIGUEZ
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.

Place Notary Seal and/or Stamp Above

Signature [Handwritten Signature]
Signature of Notary Public

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: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: TRACY LYNN RODRIGUEZ Signer's Name: _____
 Corporate Officer – Title(s): _____ Corporate Officer – Title(s): _____
 Partner – Limited General Partner – Limited General
 Individual Attorney in Fact Individual Attorney in Fact
 Trustee Guardian of Conservator Trustee Guardian of Conservator
 Other: _____ Other: _____
Signer is Representing: _____ Signer is Representing: _____

SWISS RE CORPORATE SOLUTIONS

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY
WESTPORT INSURANCE CORPORATION

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Kansas City, Missouri and Washington International Insurance Company a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Kansas City, Missouri, and Westport Insurance Corporation, organized under the laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, each does hereby make constitute and appoint:

JOHN G. MALONEY, HELEN MALONEY, SANDRA FIGUEROA, MARK D. IATAROLA, JESSICA SCHMAL,

and TRACY LYNN RODRIGUEZ JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

ONE HUNDRED TWENTY FIVE MILLION (\$125,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on March 24, 2000 and Westport Insurance Corporation by written consent of its Executive Committee dated July 18, 2011.

RESOLVED, that any two of the President, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached.



By [Signature]
Steven P. Anderson, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company
& Senior Vice President of Westport Insurance Corporation

By [Signature]
Erik Janssens, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company
& Senior Vice President of Westport Insurance Corporation

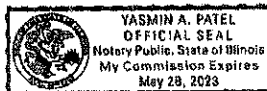


IN WITNESS WHEREOF, North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 12th day of November, 20 21.

North American Specialty Insurance Company
Washington International Insurance Company
Westport Insurance Corporation

State of Illinois
County of Cook ss:

On this 12th day of November, 20 21, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation and Erik Janssens Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature]
Yasmin A. Patel, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 10th day of FEBRUARY, 20 22.

[Signature]
Jeffrey Goldberg, Senior Vice President & Assistant Secretary of Washington International Insurance Company & North American Specialty Insurance Company & Vice President & Assistant Secretary of Westport Insurance Corporation

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** This project consists of the rehabilitation and point repairs of sewer mains as follows:
 - Rehabilitation of 11,843 LF (2.24 miles) of 8-inch and 10-inch VC mains, including 26 point repairs
 - Rehabilitation of 26 manholes
 - Repair and Rehabilitation of 11 manholes
 - Replacement of 6 manholes
 - Installation of 3 new sewer main cleanouts and 1 sewer main manhole.
 - Rehabilitation of all associated sewer laterals (324) from sewer main to property line, and installation of sewer lateral cleanouts as needed to complete the lateral lining work
- 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids and **Appendix G - Site Map Package.**
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 **180 Working Days.**

ATTACHMENT B

RESERVED

ATTACHMENT C
RESERVED

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 **2018 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2018 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.

PART 0 – EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION A – GENERAL REQUIREMENTS

0-12 CONTRACT RECORDS AND REPORTS. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

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.

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

1-2 TERMS AND DEFINITIONS. To the “WHITEBOOK”, items 43, 56, 69, and 102, DELETE in their entirety and SUBSTITUTE with the following:

- 43. **Field Order** - A Field Order is a written agreement by the Engineer to compensate you for Work items in accordance with 2-8, “EXTRA WORK” or 2-9, “CHANGED CONDITIONS”. A Field Order does not change the Contract Price, Contract Time, or the scope intent of the Contract. The unused portion of the Field Order shall revert to the City upon Acceptance.
- 56. **Notice of Completion (NOC)** - A document recorded with the County of San Diego to signify that the Contract Work has been completed and accepted by the City.
- 69. **Punchlist** - A list of items of Work or corrections generated after a Walk-through that is conducted when you consider that the Work and Services are complete, and as verified by the Owner. The Punchlist may be completed in phases if deemed necessary, and the RE shall use his/her discretion.
- 102. **Walk-through** - An inspection the City uses to verify the completion of the Project or phase of the Project and to generate a Punchlist prior to Acceptance.

To the “WHITEBOOK”, item 54, “Normal Working Hours”, ADD the following:

The **Normal Working Hours** are **8:30 AM** to **3:30 PM**.

To the “WHITEBOOK”, ADD the following:

- 108. **Acceptance** – When all of the Contract Work, including all Punchlist items, is deemed officially complete by the City Asset Owning Department or Deputy City Engineer.
- 109. **Occupancy** – When the Owner deems a building is ready for use, the Owner will issue a certificate of Occupancy in writing.
- 110. **Substantial Completion** – When all Contract Work is deemed complete by the Contractor in writing, and as verified by the Owner. Substantial Completion may be completed in phases if defined in the Contract.

1-7.1.3 Requests for Information (RFI). To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

- 1. Should You discover a conflict, omission, errors in the Contract Documents, differences with existing field conditions, or have any questions concerning interpretation or clarification of Contract Documents, or when you propose deviations to the standards or design, you shall submit a Request for Information (RFI) to the City regarding your question or clarification within **1 Working Day**.

2. Your RFI shall meet the following requirements:
 - a) All RFIs, whether by You or your Subcontractor or supplier at any tier, shall be submitted by You to the City.
 - b) RFIs shall be numbered sequentially.
 - c) You shall clearly and concisely set forth the single issue for which interpretation or clarification is sought, indicate Specification Section numbers, Contract Drawing numbers, and details, or other items involved, and state why a response is required from the City.
 - d) RFIs shall be submitted within **1 Working Day** in order that they may be adequately researched and answered before the response affects any critical activity of the Work.
 - e) Should You believe that a response to an RFI causes a change to the requirements of the Contract, You shall, before proceeding, give written notice to the City, indicating that You believe that City response to the RFI to be a Change Order. Failure to give such written notice within **5 Working Days** of receipt of the City's response to the RFI shall waive Your right to seek additional time or cost.
3. The City will respond to RFIs within **5 Working Days** unless the City notifies You in writing that a response will take longer. The **5 Working Days** shall begin when the RFI is received by the City. Responses from the City will not change any requirement of the Contract unless so noted by the City in the response to the RFI. The City will not issue a Change Order for Extra Work or additional time when the issue raised in the RFI was due to your fault, neglect, or any unauthorized deviations from the project design or specifications.
4. If You proceed in resolving a conflict, omission, or any error in the Contract Documents without sending the City an RFI in accordance with the requirements stated above, the City may require You to remove such work at Your cost or back charge You the cost to remove this work.

1-7.2 Contract Bonds. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Before execution of the Contract, file payment and performance bonds with the City to be approved by the Board in the amounts and for the purposes noted. Bonds shall be executed by a responsible surety as follows:
 - a) If the Work is being funded with state or local money, consistent with California Code of Civil Procedure §995.670, the Surety shall be an "admitted surety" authorized by the State of California Department of Insurance to transact surety insurance in the State.
 - b) If the Work is being funded with federal money, the Surety shall be listed in the U.S. Treasury Department Circular 570 and shall be in conformance with the specified Underwriting Limitations.

To the "WHITEBOOK", item 2, subsection "a", subsection "i", DELETE in its entirety and SUBSTITUTE with the following:

- i. A "Payment Bond" (Materials and Labor Bond) is optional. If no bond is submitted, no payment shall be made until 35 Calendar Days after Acceptance and any lien requirements have been fulfilled. If a bond is submitted, progress payments shall be made in accordance with these Specifications.

To the "WHITEBOOK", item 2, subsection "d", DELETE in its entirety and SUBSTITUTE with the following:

- d) For Contracts over \$100,000:
 - i. A "Payment Bond" (Materials and Labor Bond) for 100% of the Contract Price to satisfy claims of material Suppliers and of mechanics and laborers employed on the Work. You shall maintain the bond in full force and effect until Acceptance and until all claims for materials and labor are paid and shall otherwise comply with the Government Code.
 - ii. A "Faithful Performance Bond" for 100% of the Contract Price to guarantee faithful performance of Work, within the time prescribed and in a manner satisfactory to the City, that materials and workmanship shall be free from original or developed defects.

To the "WHITEBOOK", item 7, DELETE in its entirety and SUBSTITUTE with the following:

- 7. You shall require the Surety to mail its standard "Bond Status" form to the Engineer at the following address:

Deputy Director
Construction Management and Field Engineering Division
9573 Chesapeake Drive San Diego, CA 92123

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.

3-3 SUBCONTRACTORS. To the "WHITEBOOK", ADD the following:

- 6. When a Subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the City, you shall remove such Subcontractor immediately upon written request of the City, and shall request approval of a replacement Subcontractor to perform the Work in accordance with California Public Contract Code (PCC), Subletting and Subcontracting, Section 4107, at no added cost to the City.

3-8.4

Supporting Information. To the "WHITEBOOK", ADD the following:

4. You shall collect and submit rehabilitation data spreadsheets along with monthly invoices for the following rehabilitation Work (see **Appendix G – Site Map Package**).
 - a) Laterals
 - b) Sewer Mains
 - c) Manholes
 - d) Cleanout

3-10

SURVEYING. To the "GREENBOOK" and "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

3-10

SURVEYING (DESIGN-BID-BUILD).

3-10.1

General.

1. You shall provide all required site layout and general grade checking work not specified in 3-10.2, "Survey Services Provided by City".
2. Notify the City, in writing, at least 2 Working Days prior to requesting survey services provided by the City.

3-10.2

Survey Services Provided by City.

1. Monument Perpetuation, including mark-outs. You are responsible for requesting the coordination of these services.
 - a) If at any time a monument will be destroyed or covered, such monument shall be perpetuated in accordance with state law. Inform the City Engineering Support & Technical Services Division's Land Survey Section (LSS), via project Resident Engineer, if any monument will be destroyed or covered during any construction activity.
2. The following surveying services (including construction staking), as defined in California Business & Professions Code §8726, shall be provided by the City:
 - a) Locating or establishing alignment or elevations of all features or structures shown on project Plans.
 - b) Locating or establishing geodetic control points for all site feature or structure locations.
 - c) Produce topographic as-built data.
 - d) Locating, establishing, or re-establishing monuments, property lines, right-of-way lines, or easement lines.
 - e) Verifying structure finish grade elevations.
3. All construction survey stakes, control points, and other survey related marks provided by the City shall be preserved for the duration of the Project. If any construction survey stakes, control points, or other survey related marks are

lost or disturbed and need to be replaced, such replacement shall be performed at your expense.

3-10.3 Payment. The payment for site layout and general grade checking Work, coordination, and preservation of all survey related marks shall be included in the Contract Price.

3-13.1 Completion. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall submit a written assertion that the Work has been completed and is ready for Owner Acceptance. If, in the Engineer's judgment, the Work has been completed in accordance with the Contract Documents, the Engineer will set forth in writing the date the Work was completed. This will be the date that you are relieved from responsibility to protect and maintain the Work and to which liquidated damages will be computed.

3-13.1.1 Requirements Before Requesting a Walk-through. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

3-13.1.1 Requirements Before Requesting Substantial Completion.

1. The following items are required prior to requesting a Substantial Completion:
 - a) Remove temporary facilities from the Site.
 - b) Thoroughly cleaning the Site and removing all mark outs and construction staking.
 - c) Provide completed and signed Red-lines in accordance with 3-7.3 "Redlines and Record Documents".
 - d) Provide all material and equipment maintenance and operation instructions and/or manuals.
 - e) Provide all tools which are permanent parts of the equipment installed in the Project.
 - f) Provide and properly identify all keys for construction and all keys for permanent Work.
 - g) Provide all final Special Inspection reports required by the applicable building Code.
 - h) Provide all items specified to be supplied as extra stock. Wrap, seal, or place in a container all items as necessary to allow for storage by the City for future use. Verify the specified quantities.
 - i) Ensure that all specified EOCP and certified wage rate documentations covering the Contract Time have been submitted.
 - j) If the Work includes installing an irrigation system, provide the spare parts for the proposed irrigation system as specified in the Special Provisions.

- k) If the Work includes sewer and storm drain installations, the inspection shall include televising in accordance with 306-18, "VIDEO INSPECTION".
- l) If the Work includes a Plant Establishment Period, Work in accordance with 801-6, "MAINTENANCE AND PLANT ESTABLISHMENT" shall be completed prior to requesting Substantial Completion, unless approved otherwise by the Owner.
- m) Notify the Engineer to arrange a final inspection of any permanent BMPs installed.

3-13.1.2 Walk-through and Punchlist Procedure. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall notify the Engineer 15 Working Days in advance of date of anticipated Substantial Completion to allow time for Engineer to schedule a Walk-through.
2. After you complete the requirements in 3-13.1.1, "Requirements Before Requesting Substantial Completion" and when you consider that the Work is Substantially Complete, you will notify the Engineer in writing that the Project is Substantially Complete and request a Walk-through. The Engineer will review your request and determine if the Project is ready for a Walk-through, by verifying whether you have completed all items as required by 3-13.1.1, "Requirements Before Requesting Substantial Completion". Within 7 Working Days, the City will either reject your request for a Walk-through in writing or schedule and conduct a Walk-through inspection. The Engineer shall facilitate the Walk-through.
3. The following documents shall be provided at the time of your Walk-through request: As-Built markup, Plans, specifications, technical data such as submittals and equipment manuals, draft final payment, warranties, material certifications, bonds, guarantees, maintenance service agreements, and maintenance and operating manuals.
4. Written warranties, except manufacturer's standard printed warranties, shall be on a letterhead addressed to you. Warranties shall be submitted in the format described in this section, modified as approved by the City, to suit the conditions pertaining to the warranty. Lack of submitting these items will delay start of Walk-through.
5. The Engineer will provide you with the Punchlist within 15 Working Days after the date of the Walk-through..
6. If the Engineer finds that the Project is not Substantially Complete as defined herein, the Engineer will terminate the Walk-through and notify you in writing.
7. If, at any time during the Engineer's evaluation of the corrective Work required by the Punchlist, the Engineer discovers that additional corrective Work is required, the Engineer may include that corrective Work in the Punchlist.
8. You shall remain solely responsible for the Project Site until the Project is completely operational, all Punchlist items have been corrected, all operation

and maintenance manuals have been approved, all necessary warranty letters have been received, and the work is formally accepted by the City.

9. The Engineer shall meet with you within 5 Working Days of notification that all Punchlist items are corrected. You shall complete the Punchlist within 30 Working Days, and Working Days will continue to be counted until Acceptance of the Project.

3-13.2 Acceptance. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall provide the completed, signed, and stamped DS-563 to the Engineer prior to Acceptance.
2. You shall deliver the final As-builts and final billing prior to Acceptance.
3. You shall assemble and deliver to the Engineer a Final Summary Report and Affidavit of Disposal prior to Acceptance.
4. Acceptance shall occur after all of the requirements contained in the Contract Documents have been fulfilled. If, in the Engineer's judgment, you have fully performed the Contract, the Engineer will recommend to the City Engineer that your performance of the Contract be accepted. You shall receive notification of Acceptance in writing from the Owner and counting of working days shall cease and Warranty begins.
5. Retention can be released 35 Calendar Days after NOC. Submit your request for retention to the Resident Engineer and they will mail to you a "Release of Claims" form which shall be completed and returned before the retention will be released.

3-13.3 Warranty. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall warranty and repair all defective materials and workmanship for a period of 1 year. This call back warranty period shall start on the date the Work was accepted by the City unless the City has Beneficial Use or takes Occupancy of the project earlier (excluding water, sewer, and storm drain projects).
2. You shall warranty the Work free from all latent defects for 10 years and patent defects for a period of 4 years.
3. The warranty period for specific items covered under manufacturers' or suppliers' warranties shall commence on the date they are placed into service at the direction of the Engineer in writing.
4. All express warranties from Subcontractors, manufacturers', or Suppliers', of any tier, for the materials furnished and Work performed shall be assigned, in writing, to the City, and shall be delivered to the Engineer prior to the Acceptance of your performance of the Contract.
5. Replace or repair defective materials and workmanship in a manner satisfactory to the Engineer after notice to do so from the Engineer and within the time specified in the notice. If you fail to make such replacements or

repairs within the time specified in the notice, the City may perform the replacement or repairs at your expense. If you fail to reimburse the City for the actual costs, your Surety shall be liable for the cost

6. Items that shall be warrantied free from defective workmanship and materials for a period longer than 1 year are as follows:

Specified Item	Minimum Warranty Period
Detectable Warning Tile Construction	3 Years of Manufacturer's Warranty
All Work Under SECTION 500 – PIPELINE REHABILITATION	3 Years
Fiber Optic Interconnect Cables	2 Years
Luminaires*	10 Years of Manufacturer's Warranty
LED Signal Modules	3 Years of Manufacturer's Warranty
Field Devices Associated with 700-6.3, "Adaptive Control Note"	See 700-6.3.9, "Warranty"

* Provide documentation verifying that the induction luminaire models being offered for the Project are covered by the 10 year warranty.

7. If installed, you shall provide the City and property owner a copy of the manufacturer's warranty for private sewer pumps, including the alarm panel and all other accessories.
- a) You shall involve the manufacturer in the installation and startup as needed to secure any extended warranty required.
 - b) Nothing in here is intended to limit any manufacturer's warranty which provides the City with greater warranty rights than set forth in this section or the Contract Documents.
 - c) The warranty shall include all components. The form of the warranty shall be approved by the Engineer in accordance with 3-13.3.2, "Warranty Format Requirements".
8. If, during the warranty period, any item of the Work is found to be Defective Work, you shall correct it promptly after receipt of written notice from the City to do so. The warranty period shall be extended with respect to portions of the Work corrected as part of the warranty requirements.

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 Sewer Rehab 1051A. See **Appendix F - Adjacent Projects Map** for the approximate location. Coordinate the Work with the adjacent projects as listed below:
 - a) Sewer Rehab 1051A, Jonard Talamayan (619-533-4116)

SECTION 4 - CONTROL OF MATERIALS

4-3.6 Preapproved Materials. To the "WHITEBOOK", ADD the following:

3. You shall submit in writing a list of all products to be incorporated in the Work that are on the AML.

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

11. You shall submit your list of proposed substitutions for an "equal" item **no later than 5 Working Days after the determination of the Apparent Low Bidder** 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 obligations contained in the Contract.

5-4.1 Policies and Procedures.

1. You shall procure the insurance described below, at its 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 for the duration of this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your liabilities under the Contract, e.g., your indemnity obligations, is not deemed limited to the insurance coverage required by this Contract.

4. The payment for insurance shall be included in the Contract Price as bid by you. Except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any Work under this Contract until you have provided and the City has approved all required insurance.
5. Policies of insurance shall provide that the City is entitled to 30 Days (10 Days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or 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 Commercial 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	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

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.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract as described herein 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, 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 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 herein.

5-4.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document shall be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured.

1. You shall provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
2. To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
3. The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more shall include 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.

4. The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,
 - b) your products, or
 - c) 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 Commercial Automobile Liability Insurance.

5-4.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

5-4.6 Deductibles and Self-Insured Retentions. You shall pay for all 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.

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 30 Days prior to any material change to the policies of insurance provided under this Contract.

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

5-4.11 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of §3700 of the California Labor Code, 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 the requirements of this section.
2. Limits for this insurance shall be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

3. By signing and returning the Contract you certify that you are aware of the provisions of §3700 of the Labor Code which requires every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you shall comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

5-4.11.1 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.

ADD:

5-10.1.3 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:

Elham Lotfi, Senior Engineer, ELotfi@sandiego.gov

Hany Bakheat, Project Engineer, HBakheat@sandiego.gov

Resident Engineer, TBA

5-10.2.1 Public Notice by Contractor. To the "WHITEBOOK", items 2 and 3, DELETE in their entirety and SUBSTITUTE with the following:

2. No less than 5 Working Days in advance of Project construction activities and utility service interruptions, you shall notify all critical facilities, businesses,

institutions, property owners, residents, or any other impacted stakeholders within a minimum 300-foot (90 m) radius of the Project. Verbal and written notifications shall be sent to critical facilities (including but not limited to police stations, fire stations, hospitals, and schools). A copy of written notifications sent to any critical facility shall also be sent to the Resident Engineer. You shall keep records of the people contacted, along with the dates of notification, and shall provide the record to the Engineer upon request. You shall identify all other critical facilities that need to be notified.

3. Furnish and distribute public notices in the form of door hangers using the City's format to all occupants and/or property owners along streets:
 - a) Where Work is to be performed at least Working 5 Working Days before starting construction or survey activities or impacting the community as approved by the Resident Engineer.
 - b) Within 5 Working Days of the completion of your construction activities where Work was performed, you shall distribute public notices in the form of door hangers, which outlines the anticipated dates of Asphalt Resurfacing or Slurry Seal.
 - c) 72 hours in advance of the scheduled resurfacing.

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

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".

5-13 ELECTRONIC COMMUNICATION. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Virtual Project Manager shall be used on this Contract.
2. You shall post all communications addressed to the Engineer concerning construction including RFIs, submittals, daily logs including the Weekly Statement of Working Days (WSWD), Storm Water, and transmittals to the Virtual Project Manager (VPM) website established for the Projects. This shall not supersede any Federal requirements.
3. Maintain a list of scheduled activities including planned and actual execution dates for all major construction activities and milestones defined in the approved Schedule.
4. Review and act on all communications addressed to you in the VPM project website.

5. A user's guide to the VPM system is available on the City's website and shall be provided to you at the Pre-construction Meeting. Refer to the VPM training videos and forms at the location below:

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

6. Submit the Sensitive Information Authorization Acknowledgement Form and VPM User Agreement located in the VPM user's guide at the Pre-construction Meeting.

5-15.1 General. To the "WHITEBOOK", item 10, DELETE in its entirety and SUBSTITUTE with the following:

10. If your construction activities have encountered flammable liquids or other hazardous substances, you shall ensure that construction staff have the required Hazardous Waste Operations and Emergency Response (HAZWOPER) certification. Construction staff shall include: City Engineers, City Laboratory Technicians, and City staff that perform onsite inspections.
 - a) If your Work encounters flammable liquids or other hazardous substances, you shall be responsible for scheduling training for all construction staff to attend and for submitting verification to the Engineer that construction staff have the required HAZWOPER certification prior to continuing that Work in that area. You shall maintain the HAZWOPER certifications annually until the construction activities triggering the requirement is complete, as approved by the Resident Engineer.

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1.1 Construction Schedule. To the "GREENBOOK", paragraph (1), sentence (1), DELETE in its entirety and SUBSTITUTE with the following:

After notification of award of the Contract and prior to the start of any Work, you shall submit your proposed Critical Path Method (CMP) and Cost Loaded Construction Schedule to the Engineer at the pre-construction meeting.

To the "WHITEBOOK", item 1, subsection "e", "h", and "s", DELETE in their entirety and SUBSTITUTE with the following:

- e) Monthly progress payments are contingent upon the submittal of an updated Schedule to the Engineer. The Engineer may refuse to process the whole or part of any monthly payment if you refuse or fail to provide an acceptable schedule.

- h) Your Schedule shall include 7 Working Days for the Engineer to schedule and conduct a Walk-through inspection and 15 Working Days for the generation of the Punchlist. You shall Work diligently to complete all Punchlist items within 30 Working Days after the Engineer provides the Punchlist.
- s) Submit an updated cash flow forecast with every pay request (for each Project ID or WBS number provided in the Contract) showing periodic and cumulative construction billing amounts for the duration of the Contract Time. If there has been any Extra Work since the last update, include only the approved amounts.
 - i. Refer to the Sample City Invoice materials in **Appendix D - Sample City Invoice with Cash Flow Forecast** and use the format shown.
 - ii. See also the “Cash Flow Forecast Example” at the location below:

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

6-1.1.2 Contracts More Than \$500,000 In Value. To the “WHITEBOOK”, item 1, DELETE in its entirety and SUBSTITUTE with the following:

- 1. Provide the Schedule to the Engineer in accordance with 6-1.1, “Construction Schedule” and 6-1.2, “Commencement of the Work”.

To the “WHITEBOOK”, item 2, DELETE in its entirety.

6-1.2 Commencement of the Work. To the “WHITEBOOK”, ADD the following:

- 5. You shall submit a Cost Loaded Construction Schedule in accordance with 6-1.1, “Construction Schedule” at the scheduled pre-construction meeting.
- 6. If a Cost Loaded Construction Schedule is not provided, the pre-construction meeting will still be held. The Contract Time shall commence at issuance of the NTP, but you shall be limited to the following activities until the Cost Loaded Construction Schedule has been submitted to the Resident Engineer with no exceptions taken:
 - a) Mobilization of your trailers, associated utility setup, and grading for trailer area
 - b) Permit Procurement
 - c) Fencing and temporary utilities for your storage areas
 - d) Submittal of anticipated critical path submittals

6-1.5.2 Excusable Non-Compensable Delays. To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

6-1.5.2 Excusable Non-Compensable and Concurrent Delays.

1. The City shall only issue an extension of time for Excusable Delays that meet the requirements of 6-4.2, “Extensions of Time” for the following circumstances:
 - a) Delays resulting from Force Majeure.
 - b) Delays caused by weather.
 - c) Delays caused by changes to County, State, or Federal law.
2. When a non-excusable delay is concurrent with an Excusable Delay, you shall not be entitled to an extension of Contract Time for the period the non-excusable delay is concurrent with the Excusable Delay.
3. When an Excusable Non-Compensable Delay is concurrent with an Excusable Compensable Delay, you shall be entitled to an extension of Contract Time, but shall not be entitled to compensation for the period the Excusable Non-Compensable Delay is concurrent with the Excusable Compensable Delay.

6-3 TIME OF COMPLETION. To the “WHITEBOOK”, ADD the following:

1. You shall complete the liner installation of all segments of sewer mains and the lateral reinstatements as verified by the Engineer within **180 Working Days** from the date of NTP. Complete the remaining Work as part of this project, including lateral lining and post-lining CCTV video, within the remaining number of Working Days.

6-4.2 Extensions of Time. To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

1. The Contract Time shall not be modified except by Change Order.
2. You shall notify the City in writing within **1 Working Day** after the occurrence and discovery of an event that impacts the Project Schedule.
 - a) If you believe this event requires a Change Order, you shall submit a **written Change Order request with a report to** the City that explains the request for Change Order within **5 Working Days**. The Change Order request must include supporting data, a general description of the discovery, the basis for extension, and the estimated length of extension. The City may grant an extension of time, in writing, for the Change Order request if you require more time to gather and analyze data.

3. The Engineer shall not grant an extension of Contract Time in accordance with 6-1.5, "Excusable Delays" unless you demonstrate, through an analysis of the critical path, the following:
 - a) The event causing the delay impacted the activities along the Project's critical path.
 - b) The increases in the time to perform all or part of the Project beyond the Contract Time arose from unforeseeable causes beyond your control and without your fault or negligence and that all project float has been used.
4. Any modifications to the Contract Time will be incorporated into the weekly document that the Engineer issues that stipulates the Contract Time. If you do not agree with this document, submit to the Engineer for review a written protest supporting your objections to the document within **30 Calendar Days** after receipt of the statement. Your failure to file a timely protest shall constitute your acceptance of the Engineer's weekly document.
 - a) Your protest will be considered a claim for time extension and shall be subject to 2-10.1, "Claims".

6-4.4 **Written Notice and Report.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Your failure to notify the Resident Engineer within **1 Working Day** OR provide a Change Order request within **5 Working Days** after the event, in accordance with 6-4.2, "Extensions of Time", will be considered grounds for refusal by the City to consider such request if your failure to notify prejudices the City in responding to the event.

ADD:

6-6.1.1 **Environmental Document.**

1. The City of San Diego has prepared a **Notice of Exemption** for **Tierrasanta Improvement 1**, Project No. **B21003.02.06**, as referenced in the Contract Appendix. You shall comply with all requirements of the **Notice of Exemption** as set forth in **Appendix A**.
2. Compliance with the City's environmental document shall be included in the Contract Price, unless separate bid items have been provided.

SECTION 7 – MEASUREMENT AND PAYMENT

7-3.1 **General.** To the "GREENBOOK" and "WHITEBOOK", paragraph (8), DELETE in its entirety and SUBSTITUTE with the following:

If, within the time fixed by law, a properly executed notice to stop payment is filed with the City, due to your failure to pay for labor or materials used in the Work, all money due for such labor or materials will be withheld from payment in accordance with applicable laws.

To the "WHITEBOOK", ADD the following:

1. Unless specified otherwise, the Contract Price includes use, consumer, and other taxes mandated by applicable legal requirements.
2. As provided in §7105 of the California Public Contract Code, if the Contract is not financed by revenue bonds, you are not responsible for the cost of repairing or restoring damage to the Project when damage was proximately caused by an act of God, in excess of 5% of the Contract Price, if the following occur:
 - a) The Project damaged was built in accordance with the Contract requirements.
 - b) There are no insurance requirements in the Contract for the damages.

7-3.2 Partial and Final Payment. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. The Final Payment, which is the release of Retention, shall be paid to you after you have successfully submitted the following required documents:
 - a) An affidavit that payrolls and bills for materials, equipment, and other indebtedness connected with the Work for which the City or the City's property might be responsible for or encumbered by.
 - b) A certificate evidencing that insurances required by the Contract Documents shall remain in force after Final Payment is currently in effect and shall not be canceled or allowed to expire until at least a 30 Calendar Days prior written notice has been given to the Engineer.
 - c) Consent of Surety to Final Payment.
 - d) If required by the Engineer, other data establishing payment or satisfaction of obligations such as receipts, releases and waivers of liens, claims, and security interests or encumbrances arising out of the Contract Documents. If a Subcontractor refuses to furnish a release or waiver required by the City, you may furnish a bond satisfactory to the Engineer to indemnify the City against such lien.
 - e) If required in the Contract Documents, the successful completion and submittal of the required reports such as construction demolition, waste recycling, and hydrostatic discharge reports.
 - f) Required EOCP Final Summary Report in accordance with Section 0-12, "Contract Records and Reports", record drawings, operations manuals, test reports, warranty documentation, and UL labels shall be submitted before requesting the release of retention.
 - g) Acceptance of the completed Project by the asset owning Department.

To the "WHITEBOOK", ADD the following:

2. Submit an invoice for payment after you successfully complete the required documents and the City will pay the invoice within 30 Calendar Days. The City will pay 6% annually for late retention payments.

7-3.2.1 Application for Progress Payment. To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. The City shall not pay progress or partial payments until you submit to the Engineer an acceptable updated Schedule. It is solely your responsibility to prepare and submit the Schedule updates.

7-3.2.2 Amount of Progress Payments. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The City will pay 6% annually for late progress payments.
2. Progress payments will be considered "late" if the following occur:
 - a) The City does not pay the contractor within 30 Calendar Days from receipt of an undisputed and properly submitted invoice. A properly submitted payment invoice means that the City has approved for payment the entire invoice amount or if the Resident Engineer has not disputed any portion of the application within 7 Calendar Days of the date of submission.
 - b) The application for payment does not require signing of a Contract Change Order.
3. The Engineer may withhold payment for any of the following reasons:
 - a) Defective or incomplete Work.
 - b) Not providing an updated and accurate Cost Loaded Construction Schedule in accordance with 6-1.1, "Construction Schedule".
 - c) Stop notices, wage orders, or other withholdings required by Applicable Law. Your failure to comply with 5-3.3, "Payroll Records" and the Contractor Registration and Electronic Reporting System requirements of the Contract Documents.
4. The Engineer may back charge the contract for any of the following reasons:
 - a) Defective or incorrect Work not remedied.
 - b) Damage to City property or a third party's property that was caused by you.
 - c) Liquidated Damages.

7-3.2.3 Waiver of Claims at Final Payment. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Your acceptance of Final Payment constitutes a waiver of affirmative Claims by you, except those previously made in writing and identified as unsettled at the time of Final Payment.

7-3.2.4 Withholding of Payment and Back Charge. To the "WHITEBOOK", DELETE in its entirety.

7-3.5.1 General. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Unit Bid prices shall not be subject to adjustment regardless of quantity used, or if none is used, for the following Bid items:
 - a) imported backfill
 - b) shoring
 - c) water services
 - d) house connection sewers
 - e) water pollution control items
2. Unit Bid prices for "Potholing Existing Utilities Not Shown on Plans (Depth up to 7 feet)" shall not be subject to adjustment regardless of quantity used or if none is used.
3. Upon discovery and prior to the Work, you shall notify the Resident Engineer if there is a change in Bid item quantity that increases the total Contract Price by 5% or \$100,000 or more, whichever is less.

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

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

7-4.3 Markup. To the "WHITEBOOK", item 4, DELETE in its entirety and SUBSTITUTE with the following:

4. When a Subcontractor is performing Extra Work, the allowance for overhead and profit shall be applied to the labor, materials, and equipment costs of the Subcontractor as follows:
 - a) Regardless of the number of a Subcontractor's tasks for Extra Work, you may only apply 10% for the first \$50,000 of the Subcontractor's

portion of accumulated total cost then 5% for any remaining costs. You shall not apply 10% to any costs after the first \$50,000 of accumulated total costs from performing Extra Work.

- b) If the accumulated costs of single or subsequent tasks exceed the \$50,000 threshold, you shall instead only apply 5% to any amounts in excess of the \$50,000.
- c) Regardless of the number of hierarchical tiers of Subcontractors, you may only markup a Subcontractor's Work once.

SECTION 201 – CONCRETE, MORTAR, AND RELATED MATERIALS

201-1.1.2 Concrete Specified by Class and Alternate Class. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. Monolithic curb and pavement shall not be allowed.
- 2. To Table 201-1.1.2, REVISE the following:
 - a) Concrete class for "Concrete Pavement (not integral with curb)", DELETE "520-A-2500" and SUBSTITUTE with "560-C-3250".
 - b) Concrete class for "Sidehill Surface Drainage Facilities", DELETE "500-C-2500" and SUBSTITUTE with "520-C-2500".
 - c) Concrete class for "Fence and Guardrail Post Foundations", DELETE "500-C-2500" and SUBSTITUTE with "520-C-2500".

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

301-1.6 Preparatory Repair Work. To the "WHITEBOOK", item 1, DELETE in its 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.

ADD the following:

- 13. Asphalt concrete shall be Type III and shall not exceed 15% RAP in accordance with 203-6.3.1, "General".

SECTION 302 – ROADWAY SURFACING

302-4.5 Scheduling, Public Convenience and Traffic Control. To the "GREENBOOK", paragraphs (1) and (2), DELETE in their entirety and SUBSTITUTE with the following:

- 1. In addition to the requirements of Part 6, you shall comply with the following:
 - a) At least 5 Working Days prior to commencing the Work, you shall submit your proposed Schedule to the Engineer for approval.

- b) Based upon the approved schedule, you shall notify residents and businesses of the Work and post temporary "No Parking" signs 72 hours in advance.
- c) Requests for changes in the approved Schedule shall be submitted to the Engineer for approval at least 3 Working Days before the street is scheduled to be sealed.

302-4.12.2 Application. To the "WHITEBOOK", item 1, ADD the following:

- c) RPMS shall only be placed when ambient temperature is 50° F or higher.

SECTION 303 – CONCRETE AND MASONRY CONSTRUCTION

303-5.1.1 General. To the "WHITEBOOK", ADD the following:

- 7. For the purposes of this section, the terms "walk" and "access ramp" shall be synonymous with "sidewalk" and "curb ramp and pedestrian ramp", respectively.

303-5.10.2 Payment. To the "WHITEBOOK", ADD the following:

- 4. The payment for completely removing and replacing the existing concrete spandrel of a cross gutter associated with curb ramp installations, in accordance with SDG-131 - General Curb Ramp Notes, and as identified on the Plans, shall be included in the payment for the curb ramp. No additional costs shall be incurred when separate Bid items for cross gutters has been provided.
- 5. The payment for completely removing and replacing the existing concrete alley apron associated with curb ramp installations, in accordance with SDG-131 - General Curb Ramp Notes, and as identified on the Plans, shall be included in the payment for the Curb Ramp installation. No additional costs shall be incurred when separate Bid items for alley aprons has been provided.

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

ADD:

306-3.3 Removal and Abandonment of Existing Conduits and Structures. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. For 6 inch (152.4 mm) and larger conduits, abandoned pipe shall be filled with sand or CLSM in accordance with 201-6, "CONTROLLED LOW STRENGTH MATERIAL (CLSM)".

306-18.5 Video Inspection Submittals. To the "WHITEBOOK", item 1, subsection "h", DELETE in its entirety and SUBSTITUTE with the following:

- h) **Post-rehabilitation Videos** - Post-rehabilitation videos shall be submitted within 30 Calendar Days of the completion of the Work in phases not to exceed 2 mile

increments. The final video recording shall clearly show the condition of the liner with ends sealed at the manholes, service laterals, and connection seals. The submittal of this final video recording shall also include MS Access database and marked up Field Book pages or Plans as attachments.

306-18.7 Payment. To the "WHITEBOOK", ADD following:

5. The payment for post-rehabilitation videos shall be included in the associated Bid items provided, regardless of the number of phased videos required at 2 mile increments.

SECTION 402 – UTILITIES

402-6 COOPERATION. To the "GREENBOOK", ADD the following:

1. Notify SDG&E at least 10 Working Days prior to excavating within 10 feet of SDG&E Underground High Voltage Transmission Power Lines (69 KV and higher).

402-8 PAYMENT. To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. With the Resident Engineer's approval, compensation for each existing utility pothole that is not shown on the Plans but marked out by USA shall be included in the Bid item for "Potholing Existing Utilities Not Shown on Plans (Depth up to 7 feet)". Potholing for existing utilities that have been shown on the Plans shall be included in the Contract Price.

SECTION 500 – PIPELINE REHABILITATION

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

4. Any Cured-in-Place Pipe (CIPP) lining Work within a 1000 foot radius from school areas shall first be coordinated with the school and shall be performed outside of school hours at no expense to the City.

500-2.1 Initial Submittals. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall submit the following required information **at the time of Bid:**
 - a) Contractor's Experience and Past Project Documentation.
 - i. You shall submit documentation that you have performed similar main rehabilitation projects (of scope and size) successfully within the last 10 years in the United States. The scope shall include the same product, installation, and curing. The proposed product shall have at least 5 years or more of documented performance records.

- ii. Your superintendent shall be assigned full time to this project and shall be present at the Site while Work is being performed. If CIPP is used, the superintendent shall have documentation conveying experience with the proposed resin and felt combination used and the installation of the proposed lateral sealing system with the pipe lining system.
- b) Authorized Installer.
- i. The installation of the lining system shall be performed by a contractor authorized, certified, or both by the manufacturer or owner of the process.
 - ii. You shall submit a copy of the authorizations, certifications, or both from all manufacturers listed on the City's Approved Material List (AML) that will be used for the Work that includes the name, address, point of contact, and telephone number of the manufacturer.

SECTION 600 - ACCESS

600-1 GENERAL. To the "WHITEBOOK", item 5, DELETE in its entirety and SUBSTITUTE with the following:

5. You shall notify Environmental Services Department via email (trash@sandiego.gov) of street closures affecting the regular scheduled solid waste collection at least 3 Working Days prior to the street closure. Include your business name and phone number, days of closure, time of scheduled closure, and date of anticipated street reopening in the notification.
- a) You shall verify waste collection schedules via the Environmental Services website at:

<http://www.sandiego.gov/environmental-services/collection/index.shtml>
 - b) You shall comply with the following requirements for trash, recycling, and yard waste collection:
 - i. Provide advance written notice to every property affected by blocked public right of way.
 - ii. Coordinate the relocation of trash, recycling, and yard waste containers to an accessible public street for the City's waste collection crews on collection day.
 - iii. When necessary, relocate the containers from the blocked streets to the accessible public right of way before the City's collection vehicles arrive to assist with collection on existing schedules. Return the containers to their point of origin to ensure the accuracy of inventory assignment by address.

- c) If the City's crews are unable to provide the citizens with the mandated services due to your failure to comply with these specifications, you shall collect trash, recyclables, and yard waste on the City's schedule and deliver to the City's designated locations. If you fail to perform this Work, you shall incur additional costs for the City to reschedule pick up of an area.

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

601-2.1.4 **Traffic Control for Resurfacing and Slurry Sealing.** To the "WHITEBOOK", item 3, subsection "d", DELETE in its entirety and SUBSTITUTE with the following:

- d) Place "NO PARKING - TOW-AWAY ZONE" signs 72 hours in advance of the scheduled slurry sealing. Reschedule street block segments which are not completed by the last posted Working Day. If a Work delay of 48 hours or more occurs from the originally scheduled Work date, remove the "NO PARKING - TOW-AWAY ZONE" signs for a minimum of 24 hours, then reset and re-post for the appropriate Work date.

601-3.5.1 **General.** To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

- 3. Temporary "No Parking" and "No Stopping" signs shall be installed 72 hours before enforcement. Temporary "No Parking" and "No Stopping" signs shall be installed and removed as specified in the Special Provisions. Signs shall indicate specific days, dates, and times of restrictions. If violations occur, call Police Dispatch 619-531-2000 to enforce the Tow-Away notice.

601-3.6 **Channelizing Devices.** To the "WHITEBOOK", item 4, Barricades, ADD the following:

- h) You shall place "OPEN TRENCH" signs (C27(CA)) on Type 3 Barricade within the construction Work zone, ahead of any Work areas with open trenches that are greater than 3 inches in depth, in accordance with California MUTCD SECTION 6F.103 (CA). The barricades shall be placed in a continuous manner and shall prevent pedestrian, vehicular, and biker access to the open trench area.

SECTION 1001 - CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)

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

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

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

TO: X 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: Tierrasanta Improv 1

WBS No.: B-21003.02.06

Project Location-Specific: The project is bounded by Santo Road to the west, De Portola Middle School to the east, Clairemont Mesa Boulevard to the south, and Antigua Boulevard to the north. Most of the proposed work will occur within the City’s Right-of-Way (ROW) along Gabacho Drive, Montego Drive, La Cuenta Drive and various intersecting streets in the Tierrasanta Community Planning Area and Council District 7.

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

Description of nature and purpose of the Project: The project involves point repairs on segments of existing vitrified clay (VC) sewer main pipe prior to rehabilitating the main, rehabilitating existing manholes (MH), repairing existing sewer MHs, replacing-in-place existing sewer MHs, constructing new sewer main cleanouts on existing dead-end sewer mains, rehabilitating and reconnecting existing sewer laterals, installing cleanouts for the laterals at the property line (as needed), and rehabilitating 11,843 linear feet (LF), or approximately 2.24 miles, of existing 8-inch and 10-inch sewer mains with trenchless technology.

The proposed point repairs will involve excavations in depth ranging from 7 to 15 feet, with a width of approximately 3 feet, for a total length of a minimum of 155 LF. The proposed MH replacement will involve excavations in depth ranging from 8 to 10 feet, with an excavation area of approximately 10 feet by 10 feet, for each MH. The proposed installation of the sewer cleanouts will involve excavations in depth ranging from 8 to 9 feet, with an excavation area of approximately 3 feet by 3 feet, for each cleanout. Any excavation within the City’s ROW will occur within previously disturbed and improved ROW. Excavation within easements will occur within previously disturbed soil.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: Mayra Medel, 525 B Street MS 908A, Suite 750, San Diego, CA 92101, (619) 533-4603

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: 15301(b) [Existing Facilities], 13502(c) [Replacement or Reconstruction], 15303 [New Construction or Conversion of Small Structures], and 15304 [Minor Alterations to Land]
- Statutory Exemptions:

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 15301(b) [Existing Facilities], which

allows for the operation, repair, maintenance, or minor alteration of existing public structures, facilities and mechanical equipment, involving negligible or no expansion of existing or former use, such as the rehabilitation/repair of the sewer mains, laterals, and manholes proposed by the project; 15302(c) [Replacement or Reconstruction], which allows for the replacement or reconstruction of existing structures and facilities 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 manhole replacements and sewer point repairs that will be replace-in-place; 15303 [New Construction or Conversion of Small Structures], which allows for the construction and location of limited numbers of new, small facilities or structures, such as the new sewer main cleanouts proposed by the project; 15304 [Minor Alterations to Land], which allows minor public or private alterations in the condition of land, water, and/or vegetation, including the minor trenching proposed by the project, that does not involve removal of healthy, mature, scenic trees; and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Mayra Medel

Telephone: (619) 533-4603

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, Interim Deputy Director

6/30/21

Date

Check One:

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

Date Received for Filing with County Clerk or OPR:

APPENDIX B
RESERVED

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

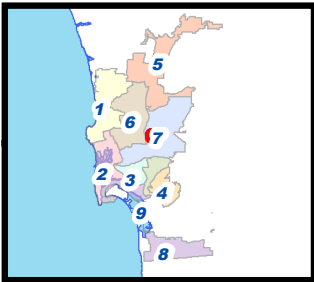
TIERRASANTA IMPROV 1 PROJECT

SENIOR ENGINEER
ELHAM LOTFI
(619) 533-5212

PROJECT MANAGER
RONALD FAMORCAN
(619) 533-6902

PROJECT ENGINEER
HANY BAKHEAT
(619) 533-5229

DRAFTER
AMMAR OHAN
(619) 533-5243



LOCATION MAP



Legend

— Sewer Main Rehabilitation



No Scale

Document Path: \\ah\dfs\FWD-Shared\PTTS-PTTS-CIP-Preliminary-Engineering-and-Program-Coordination\PUID PE Active\B21003 Tierrasanta Improv 1 Project\Drafting\Location Map\Location Map.mxd



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APPENDIX F
ADJACENT PROJECTS MAP

APPENDIX G
SITE MAP PACKAGE

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I	CONTRACTOR'S RESPONSABILITIES / CONSTRUCTION STORM PROTECTION NOTES / PERMENANT STORM WATER BMP CATEGORY
II	KEY / LOCATION MAP
III	VICINITY MAP
1-8	GIS SITE MAPS
1	ADJACENT PROJECTS (APPENDIX A)
1-12	SPREAD SHEETS FOR PIPELINE, SEWER LATERAL AND MANHOLE REHABILITATION OR REPLACEMENTS (WITH FSNs)
1-4	SURVEY MONUMENT SHEET
1-2	AS-BUILT RECORD DRAWINGS
1-2	ENVIRONMENTAL DOCUMENTS (NOE) (APPENDIX B)

I. CONTRACTOR'S RESPONSIBILITIES
CONSTRUCTION STORM WATER PROTECTION NOTES
PERMANENT STORM WATER BMP CATECOGORY

CONTRACTOR'S RESPONSIBILITIES

1. PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
2. NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (69 KV & HIGHER)
3. THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
4. STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
5. 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 POTHOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 402-UTILITIES.
6. 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.

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA – 0.032 (ACRES)
HYDROLOGIC UNIT & WATERSHED - SAN DIEGO/ SAN DIEGO RIVER WATERSHED
HYDROLOGIC SUBAREA NAME & NO. - MISSION SAN DIEGO/907.11
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
 - MINOR WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
PERMIT NO. R9-2013-000I AS AMENDED BY R9-2015-000I AND R9-2015-0100x
 - WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
PERMIT NO. R9-2013-000I AS AMENDED BY R9-2015-000I AND R9-2015-0100
 - SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
PERMIT NO. R9-2013-000I AS AMENDED BY R9-2015-000I AND R9-2015-0100 AND
CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWQ AS AMENDED BY
ORDER 2010-0014-DWQ AND 2012-0006-DWQ
TRADITIONAL: RISK LEVEL I 2 30
LUP: RISK TYPE I 2 3

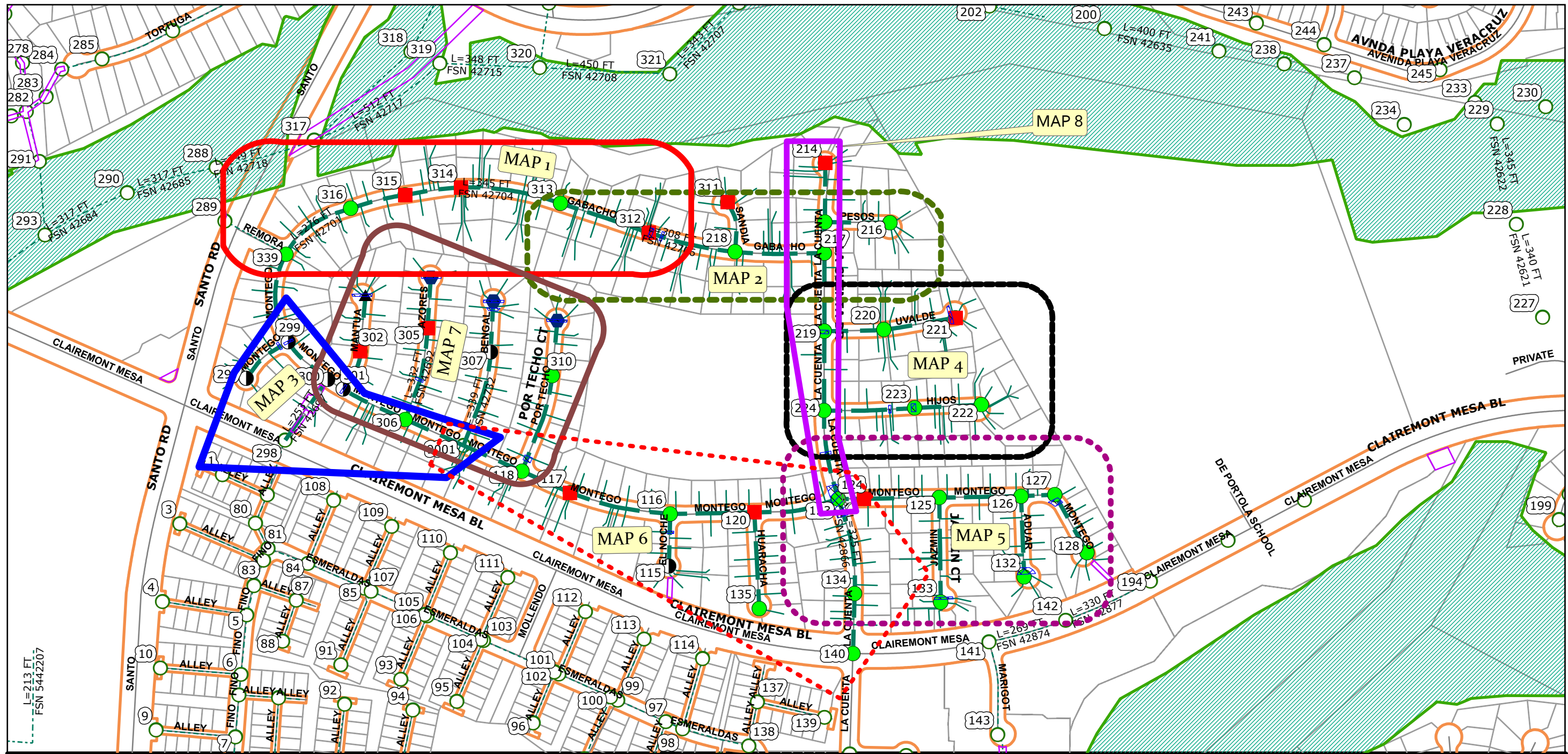
3. CONSTRUCTION SITE PRIORITY
ASBS HIGH MEDIUM LOW

PERMANENT STORM WATER BMP CATEGORY:

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

II. KEY/LOCATION MAP

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<p>Legend</p> <ul style="list-style-type: none"> — SEWER MAIN REHAB — SEWER LATERAL REHAB ● SEWER MANHOLE REHAB ■ REPAIR & REHAB MANHOLE ● SEWER MANHOLE REPLACEMENT ● NEW SEWER MAIN CLEANOUT 	<p>MAP 5 MAP NUMBER</p>	<p>KEY MAP</p>	<p>MAPS FOR TIERRASANTA IMPROV 1</p>			<p>WBS# B-21003</p>
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III. VICINITY MAP

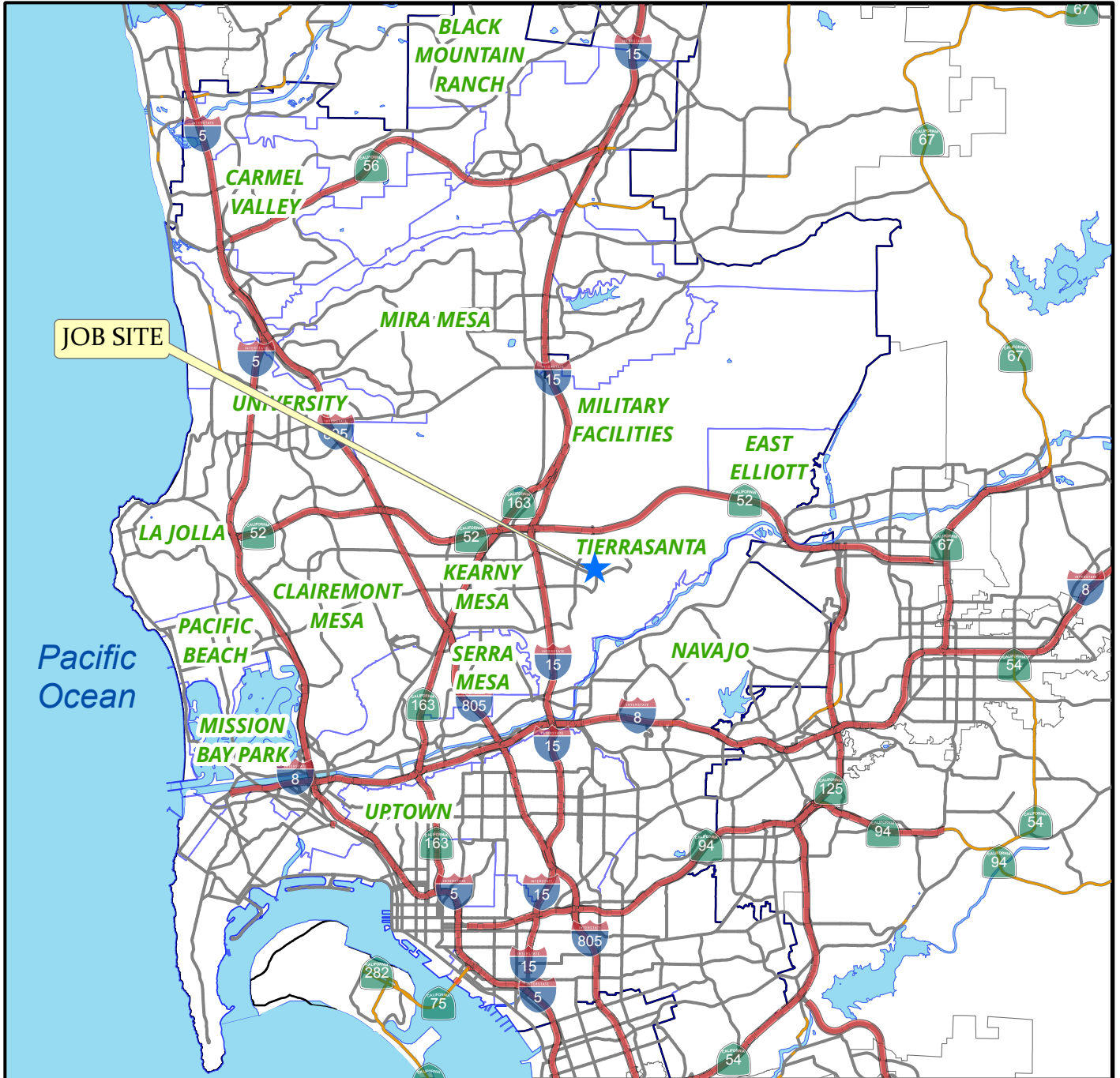
TIERRASANTA IMPROV 1

SENIOR ENGINEER
ELHAM LOTFI
619-533-5212

PROJECT MANAGER
RONALD FAMORCAN
619-533-6902

PROJECT ENGINEER
HANY BAKHEAT
619-533-5229

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



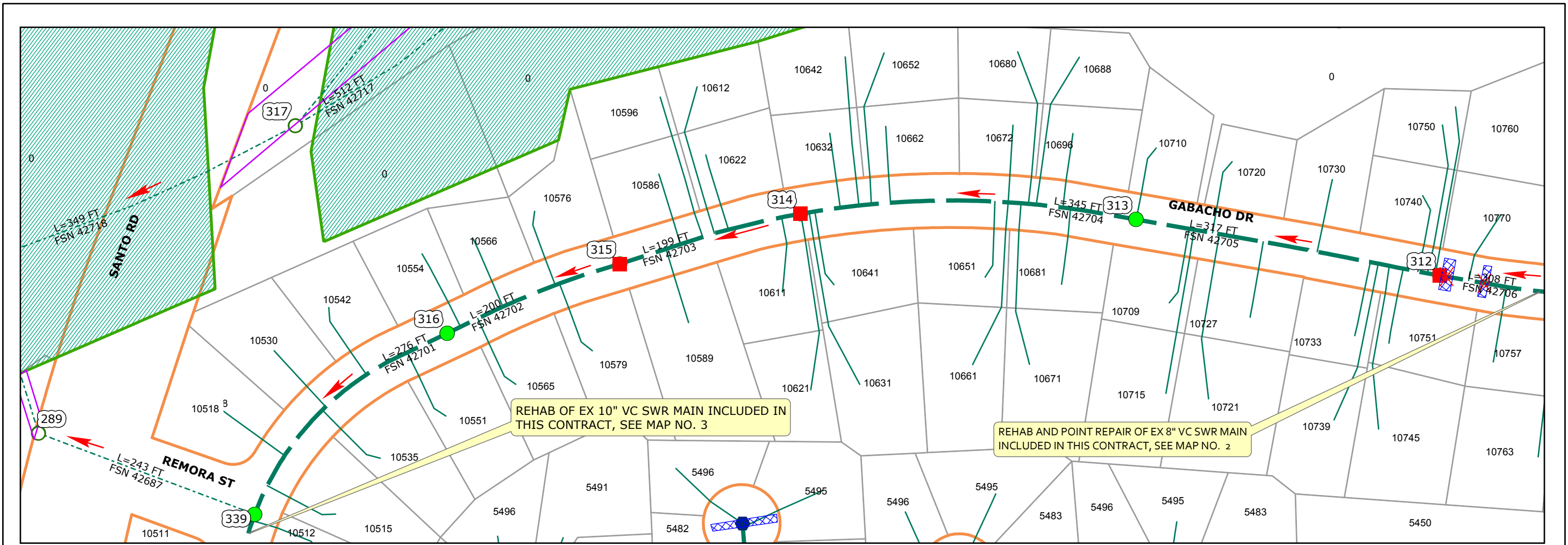
VICINITY MAP



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SITE MAP

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REHAB OF EX 10" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 3

REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 2

NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.) (DEPTH')	(MH ID)	(FSN)	(I.E.) (DEPTH')		
1	10	42701	276	5.01	6	GABACHO DR	316	109569	336.94	9	339	109584	323.12	12
2	10	42702	200	5.00	5	GABACHO DR	315	109568	346.94	9	316	109569	336.94	9
3	8	42703	199	5.04	7	GABACHO DR	314	109567	356.97	8	315	109568	346.94	9
4	8	42704	345	3.70	15	GABACHO DR	313	109566	369.75	8	314	109567	356.97	8
5	8	42705	317	4.51	13	GABACHO DR	312	109565	384.05	9	313	109566	369.75	8
TOTAL LINEAR FEET = 1337														

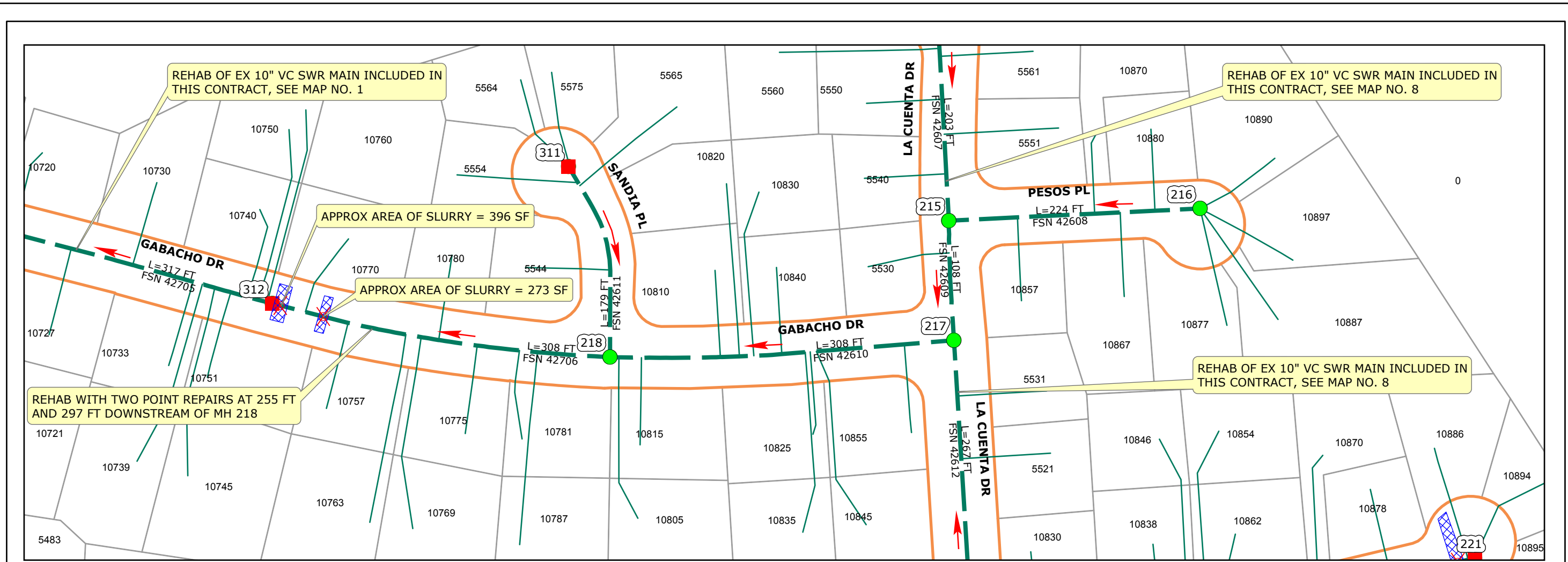
- Legend**
- SEWER MAIN REHAB
 - SEWER LATERAL REHAB
 - SEWER MANHOLE REHAB
 - REPAIR & REHAB MANHOLE
 - NEW SEWER MAIN CLEANOUT
 - X APPROX LOCATION OF POINT REPAIR
 - - - EXISTING SEWER MAIN
 - EXISTING MANHOLE
 - ▭ EXISTING EASEMENT
 - ▨ MHPA
 - PARCEL
 - RIGHT OF WAY
 - FLOW DIRECTION
 - 123 MANHOLE ID
 - ▨ SLURRY TYPE I OVER II FROM CURB TO CURB

MAPS FOR TIERRASANTA IMPROV 1
GABACHO DR

WBS#
B-21003

MAP NO 1 OF 8

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NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.) (DEPTH')	(MH ID)	(FSN)	(I.E.) (DEPTH')		
1	8	42706	308	4.49	8	GABACHO DR	218	109472	397.89	7	312	109565	384.05	9
2	8	42608	224	3.37	8	PESOS PL	216	109470	419.74	8	215	109469	412.19	10
3	8	42609	108	2.49	1	LA CUENTA DR	215	109469	412.19	13	217	109471	409.5	10
4	8	42610	308	3.77	10	GABACHO DR	217	109471	409.5	13	218	109472	397.89	7
5	8	42611	179	0.70	5	SANDIA PL	311	109564	399.14	8	218	109472	397.89	7
TOTAL LINEAR FEET = 1127														

- Legend**
- SEWER MAIN REHAB
 - SEWER LATERAL REHAB
 - SEWER MANHOLE REHAB
 - REPAIR & REHAB MANHOLE
 - ✗ APPROX LOCATION OF POINT REPAIR
 - - - EXISTING SEWER MAIN
 - EXISTING MANHOLE
 - 123 MANHOLE ID
 - FLOW DIRECTION
 - SLURRY TYPE I OVER II FROM CURB TO CURB
 - PARCEL
 - RIGHT OF WAY

MAPS FOR TIERRASANTA IMPROV 1

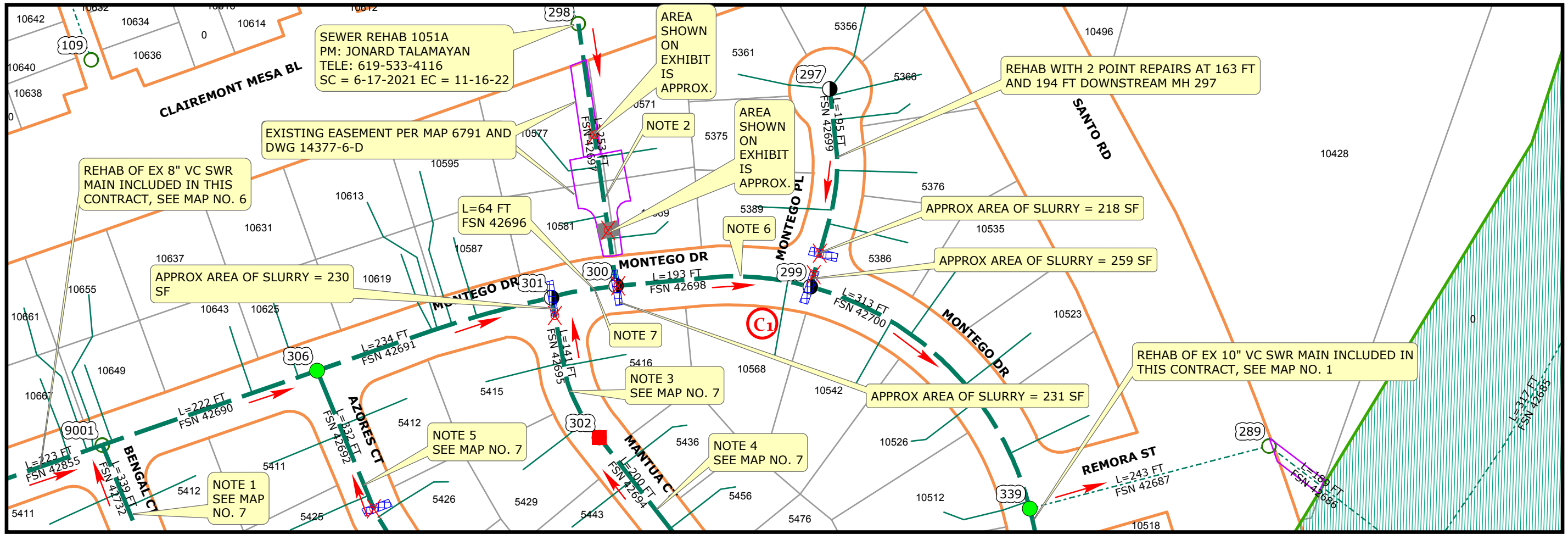
GABACHO DR, SANDIA PL,
PESOS PL, LA CUENTA DR



WBS#
B-21003

MAP NO 2 OF 8

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NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.) (DEPTH')	(MH ID)	(FSN)	(I.E.) (DEPTH')		
1	8	42690	222	4.00	3	MONTEGO DR	9001	5540728	370.14	9	306	109559	361.26	9
2	8	42691	234	4.08	4	MONTEGO DR	306	109559	361.26	9	301	109554	351.71	9
3	8	42696	64	5.16	0	MONTEGO DR	301	109554	351.71	9	300	109553	348.41	10
4	10	42697	253	1.00	4	PRIVATE ROAD/EASEMENT	298	109551	350.94	15	300	109535	348.41	10
5	10	42698	193	4.99	1	MONTEGO DR	300	109535	348.41	10	299	109552	338.78	10
6	8	42699	195	3.80	7	MONTEGO PL	297	109550	346.19	8	299	109552	338.78	10
7	10	42700	313	5.00	6	MONTEGO DR	299	109552	338.78	10	339	109584	323.12	12
TOTAL LINEAR FEET = 1474														

- NOTES:**
- 1- REHAB OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 7.
 - 2- REHAB WITH 3 POINT REPAIRS AT 108 FT, 199 FT TO 206 FT, AND 244 FT DOWNSTREAM MH 298.
 - 3- REHAB AND POINT REPAIR OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 7.
 - 4- REHAB OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 7.
 - 5- REHAB AND POINT REPAIR OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 7.
 - 6- REHAB WITH 1 POINT REPAIR AT 181 FT TO 188 FT DOWNSTREAM MH 300.
 - 7- REHAB WITH 2 POINT REPAIRS AT 2 FT AND 66 FT DOWNSTREAM MH 301.

Legend

SEWER MAIN REHAB	EXISTING SEWER MAIN	FLOW DIRECTION	REPLACE PRIVATE DRIVEWAY FROM JOINT TO JOINT
SEWER LATERAL REHAB	EXISTING MANHOLE	MANHOLE ID	
SEWER MANHOLE REHAB	EXISTING EASEMENT	SLURRY TYPE I OVER II FROM CURB TO CURB	
REPAIR & REHAB MANHOLE	MHPA	PARCEL	
SEWER MANHOLE REPLACEMENT	CURB RAMP TYPE C1	RIGHT OF WAY	
APPROX LOCATION OF POINT REPAIR			

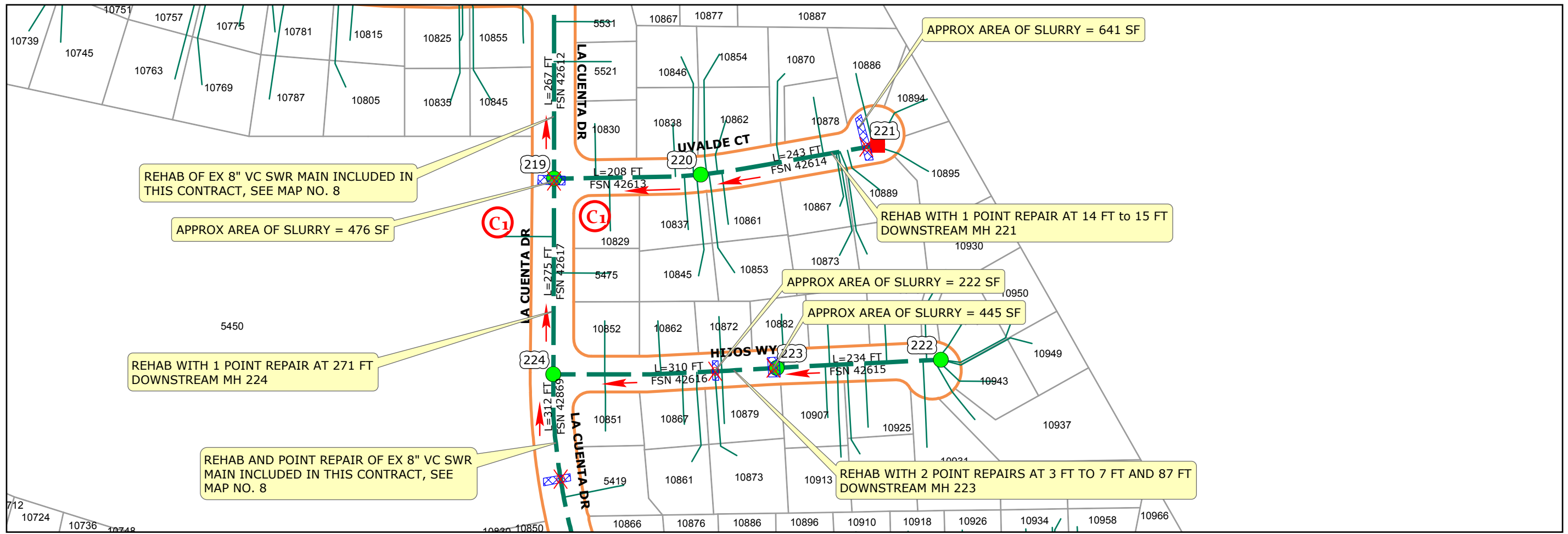
MAPS FOR TIERRASANTA IMPROV 1

MONTEGO DR, MONTEGO PL,
PRIVATE ROAD/EASEMENT

	WBS# B-21003	MAP NO 3 OF 8
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NOT TO SCALE

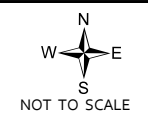
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NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.) (DEPTH')	(MH ID)	(FSN)	(I.E.) (DEPTH')		
1	8	42613	208	3.89	6	UVALDE CT	220	109474	425.66	9	219	109473	417.56	13
2	8	42614	243	3.91	13	UVALDE CT	221	109475	435.15	12	220	109474	425.66	9
3	8	42615	234	4.69	14	HIJOS WY	222	109476	441.01	11	223	109477	430.03	11
4	8	42616	310	2.70	8	HIJOS WY	223	109477	430.03	11	224	109478	421.65	10
5	8	42617	275	1.49	2	LA CUENTA DR	224	109478	421.65	10	219	109473	417.65	13
TOTAL LINEAR FEET = 1270														

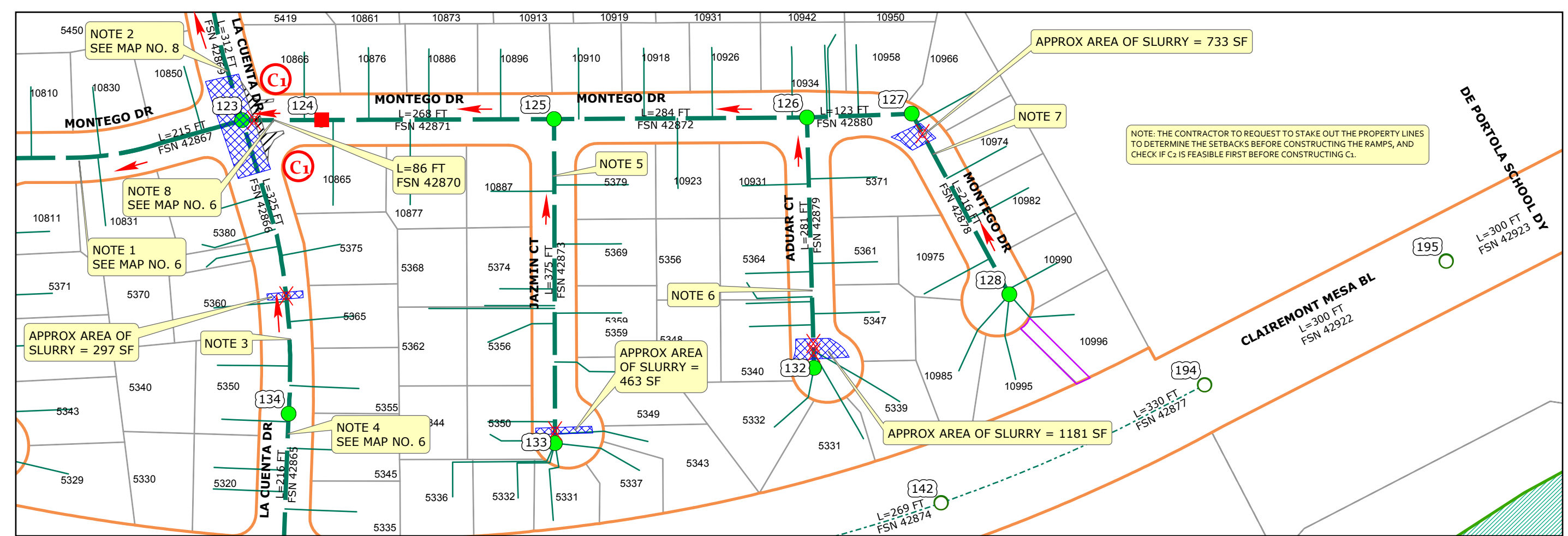
- Legend**
- SEWER MAIN REHAB
 - SEWER LATERAL REHAB
 - SEWER MANHOLE REHAB
 - REPAIR & REHAB MANHOLE
 - ✗ APPROX LOCATION OF POINT REPAIR
 - - - EXISTING SEWER MAIN
 - EXISTING MANHOLE
 - 123 MANHOLE ID
 - ← FLOW DIRECTION
 - C1 CURB RAMP TYPE C1
 - SLURRY TYPE I OVER II FROM CURB TO CURB
 - PARCEL
 - RIGHT OF WAY

MAPS FOR TIERRASANTA IMPROV 1
LA CUENTA DR, UVALDE CT, HIJOS WY



WBS# B-21003
MAP NO 4 OF 8

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NOTE: THE CONTRACTOR TO REQUEST TO STAKE OUT THE PROPERTY LINES TO DETERMINE THE SETBACKS BEFORE CONSTRUCTING THE RAMPS, AND CHECK IF C2 IS FEASIBLE FIRST BEFORE CONSTRUCTING C1.

NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE (%)	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.)	(DEPTH')	(MH ID)	(FSN)	(I.E.)	(DEPTH')
1	8	42866	325	3.30	8	LA CUENTA DR	134	109720	445.59	7	123	109712	434.88	7
2	8	42871	268	5.00	5	MONTEGO DR	125	10914	452.59	8	124	10914	439.19	7
3	8	42872	284	3.01	5	MONTEGO DR	126	10915	461.14	8	125	10914	452.59	8
4	8	42873	375	2.20	16	JAZMIN CT	133	10919	460.84	8	125	10914	452.59	8
5	8	42878	216	1.00	8	MONTEGO DR	128	10917	464.53	8	127	10916	462.37	8
6	8	42879	281	0.70	11	ADUARA CT	132	10918	463.11	8	126	10915	461.14	8
7	8	42880	123	1.00	3	MONTEGO DR	127	109716	462.37	8	126	109715	461.14	8
TOTAL LINEAR FEET = 1872														

- NOTES:**
- 1- REHAB OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 6.
 - 2- REHAB AND POINT REPAIR OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 8.
 - 3- REHAB WITH 1 POINT REPAIRS AT 183 FT DOWNSTREAM MH 134.
 - 4- REHAB OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 6.
 - 5- REHAB WITH 1 POINT REPAIR AT 15 FT DOWNSTREAM MH 133.
 - 6- REHAB WITH 2 POINT REPAIRS AT 12 FT AND 28 FT DOWNSTREAM MH 132.
 - 7- REHAB WITH 1 POINT REPAIR AT 209 FT DOWNSTREAM MH 128.
 - 8- REHAB AND POINT REPAIR OF EXISTING 8" VC SEWER MAIN INCLUDED IN THIS CONTRACT SEE MAP NO. 6.

Legend

- SEWER MAIN REHAB
- EXISTING SEWER MAIN
- SLURRY TYPE I OVER II FROM CURB TO CURB
- SEWER LATERAL REHAB
- EXISTING MANHOLE
- PARCEL
- SEWER MANHOLE REHAB
- MANHOLE ID
- RIGHT OF WAY
- REPAIR & REHAB MANHOLE
- FLOW DIRECTION
- CURB RAMP TYPE C1
- APPROX LOCATION OF POINT REPAIR
- CURB RAMP TYPE C1
- REPLACE CROSS GUTTER

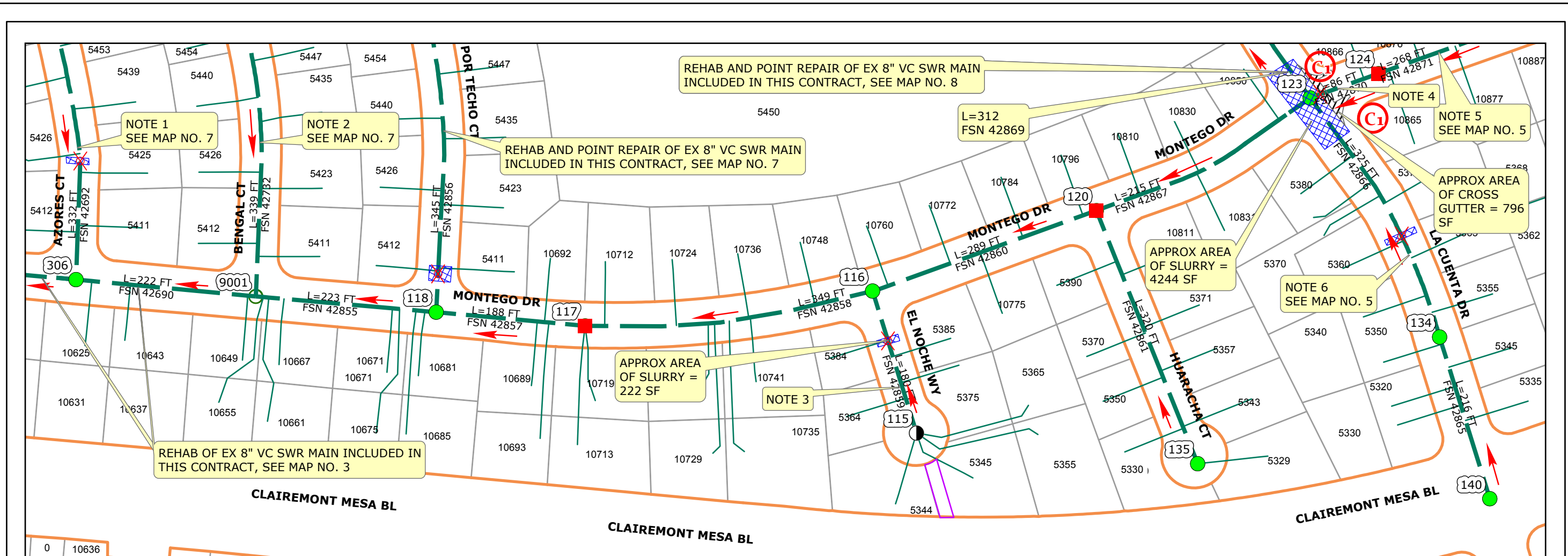
MAPS FOR TIERRASANTA IMPROV 1
 MONTEGO DR, ADURA CT, LA CUENIA DR

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B-21003

MAP NO 5 OF 8

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NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.)	(DEPTH)'	(MH ID)	(FSN)	(I.E.)	(DEPTH)'
1	8	42855	223	4.00	7	MONTEGO DR	118	109709	379.06	9	9001	8013288	370.14	18.86
2	8	42857	188	3.99	5	MONTEGO DR	117	109708	386.57	10	118	109709	379.06	9
3	8	42858	349	5.59	8	MONTEGO DR	116	109707	406.09	8	117	109708	386.57	10
4	8	42859	180	3.30	8	EL NOCHE WY	115	109706	412.03	8	116	109707	406.09	8
5	8	42860	289	5.00	5	MONTEGO DR	120	109710	420.54	8	116	109707	406.09	8
6	8	42861	320	2.30	9	HUARACHA CT	135	109721	427.9	7	120	109710	420.54	8
7	8	42865	216	0.75	5	LA CUENTA DR	140	109726	447.2	8	134	109712	445.59	7
8	8	42867	215	6.67	4	MONTEGO DR	123	109712	434.88	7	120	109707	420.54	8
9	8	42870	86	5.01	1	MONTEGO DR	124	109713	439.19	7	123	109712	434.88	7

TOTAL LINEAR FEET = 2066

NOTES:

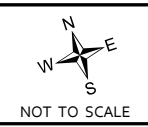
- 1-REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 7.
- 2-REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 7.
- 3- REHAB WITH 1 POINT REPAIR AT 117 FT DOWNSTREAM MH 115
- 4- REHAB WITH 1 POINT REPAIR AT 72 FT TO 81 FT DOWNSTREAM MH 124
- 5-REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 5.
- 6-REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 5.

Legend

- SEWER MAIN REHAB
- SEWER LATERAL REHAB
- SEWER MANHOLE REHAB
- REPAIR & REHAB MANHOLE
- SEWER MANHOLE REPLACEMENT
- ✗ APPROX LOCATION OF POINT REPAIR
- - - EXISTING SEWER MAIN
- EXISTING MANHOLE
- EXISTING EASEMENT
- 123 MANHOLE ID
- FLOW DIRECTION
- C1 CURB RAMP TYPE C1
- SLURRY TYPE I OVER II FROM CURB TO CURB
- PARCEL
- RIGHT OF WAY
- REPLACE CROSS GUTTER

MAPS FOR TIERRASANTA IMPROV 1

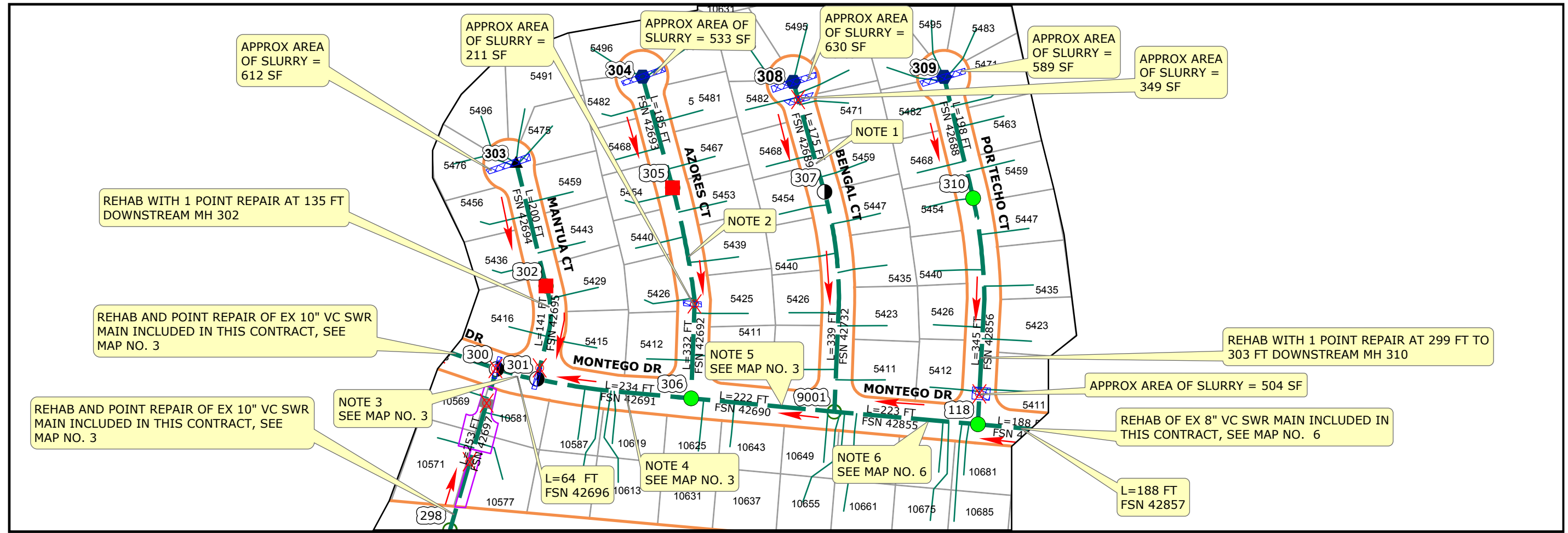
MONTEGO DR, EL NOCHE WY,
HUARACHA DR, LA CUENTA DR



WBS#
B-21003

MAP NO 6 OF 8

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NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH				DOWNSTREAM MH			
							(MH ID)	(FSN)	(I.E.)	(DEPTH')	(MH ID)	(FSN)	(I.E.)	(DEPTH')
1	8	42688	198	2.99	8	POR TECO CT	309	109562	405.69	8	310	109563	399.76	10
2	8	42689	175	3.00	7	BENGAL CT	308	109561	395.72	8	307	109560	390.47	10
3	8	42692	332	6.00	8	AZORES CT	305	109558	381.18	10	306	109559	361.26	10
4	8	42693	185	3.00	6	AZORES CT	304	109557	386.73	9	305	109558	381.18	10
5	8	42694	200	6.00	8	MANTUA CT	303	109556	370.75	9	302	109555	358.75	9
6	8	42695	141	4.99	3	MANTUA CT	302	109555	358.75	9	301	109554	351.71	9
7	8	42732	339	6.00	8	BENGAL CT	307	109560	390.47	10	9001	8013288	370.14	18.86
8	8	42856	345	6.00	8	POR TECO CT	310	109563	399.76	10	118	109709	379.06	9

TOTAL LINEAR FEET = 1915

- NOTES:**
- 1- REHAB WITH 1 POINT REPAIR AT 146 FT TO 150 FT UPSTREAM MH 307.
 - 2- REHAB WITH 1 POINT REPAIR AT 183 FT DOWNSTREAM MH 305.
 - 3- REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 3.
 - 4- REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 3.
 - 5- REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 3.
 - 6- REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 6.

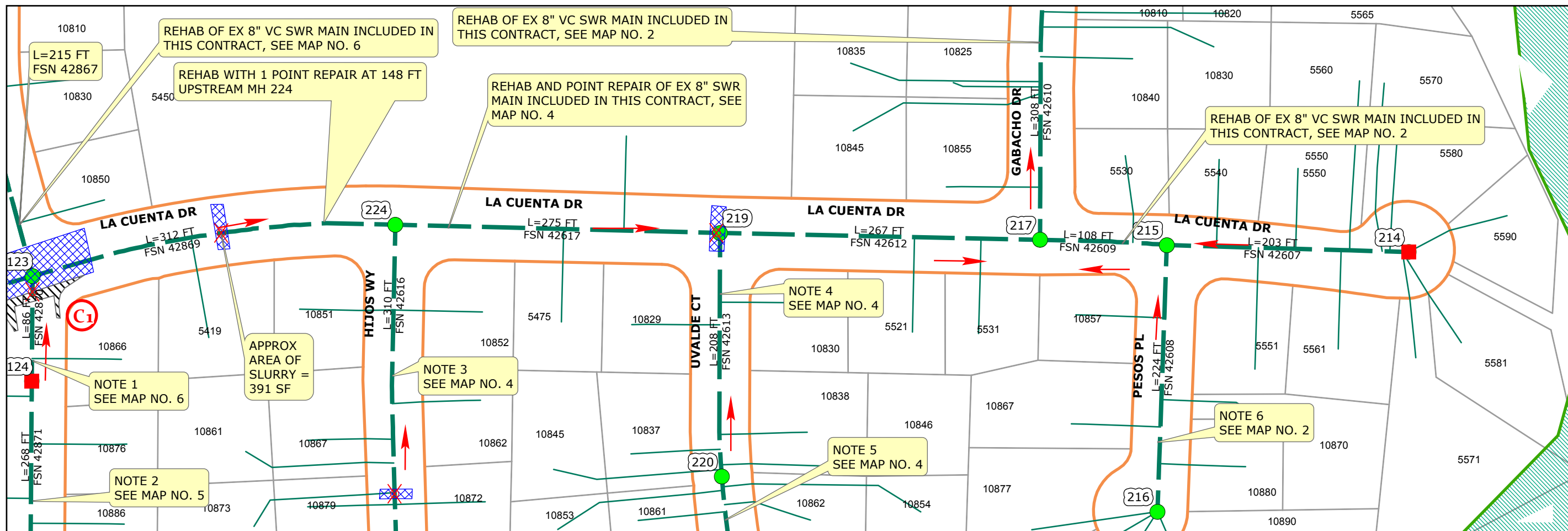
Legend

- SEWER MAIN REHAB
- SEWER LATERAL REHAB
- SEWER MANHOLE REHAB
- REPAIR & REHAB MANHOLE
- SEWER MANHOLE REPLACEMENT
- NEW SEWER MAIN CLEANOUT
- ▲ NEW SEWER MANHOLE
- - - EXISTING SEWER MAIN
- EXISTING MANHOLE
- EXISTING EASEMENT
- 123 MANHOLE ID
- REPLACE PRIVATE DRIVEWAY FROM JOINT TO JOINT
- FLOW DIRECTION
- SLURRY TYPE I OVER II FROM CURB TO CURB
- PARCEL
- RIGHT OF WAY
- ✗ APPROX LOCATION OF POINT REPAIR

MAPS FOR TIERRASANTA IMPROV 1
 POR TECO CT, BENGAL CT,
 AZORES CT, MANTUA CT

		WBS# B-21003	MAP NO 7 OF 8

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NO.	SIZE (INCH)	FSN	LENGTH (FT)	SLOPE %	LATERALS	STREET NAME	UPSTREAM MH			DOWNSTREAM MH				
							(MH ID)	(FSN)	(I.E.)	(DEPTH')	(MH ID)	(FSN)	(I.E.)	(DEPTH')
1	8	42607	203	0.40	10	LA CUENTA	214	109468	413	7	215	109469	412.19	10
2	8	42612	267	3.02	2	LA CUENTA	219	109473	417.56	13	217	109471	409.5	13
3	8	42869	312	4.24	1	LA CUENTA	123	109712	434.88	7	224	109478	421.65	10
TOTAL LINEAR FEET = 728														

- NOTES:**
- 1- REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 6.
 - 2- REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 5.
 - 3- REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 4.
 - 4- REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 4.
 - 5- REHAB AND POINT REPAIR OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 4.
 - 6- REHAB OF EX 8" VC SWR MAIN INCLUDED IN THIS CONTRACT, SEE MAP NO. 2.

Legend

- SEWER MAIN REHAB
- SEWER LATERAL REHAB
- SEWER MANHOLE REHAB
- REPAIR & REHAB MANHOLE
- MHPA
- REPLACE PRIVATE DRIVEWAY FROM JOINT TO JOINT
- EXISTING SEWER MAIN
- EXISTING MANHOLE
- EXISTING EASEMENT
- 123 MANHOLE ID
- FLOW DIRECTION
- C1 CURB RAMP TYPE C1
- SLURRY TYPE I OVER II FROM CURB TO CURB
- PARCEL
- RIGHT OF WAY
- ✗ APPROX LOCATION OF POINT REPAIR

MAPS FOR TIERRASANTA IMPROV 1

LA CUENTA DR

NOT TO SCALE

WBS #
B-21003

MAP NO 8 OF 8

ADJACENTS PROJECTS

APPENDIX A

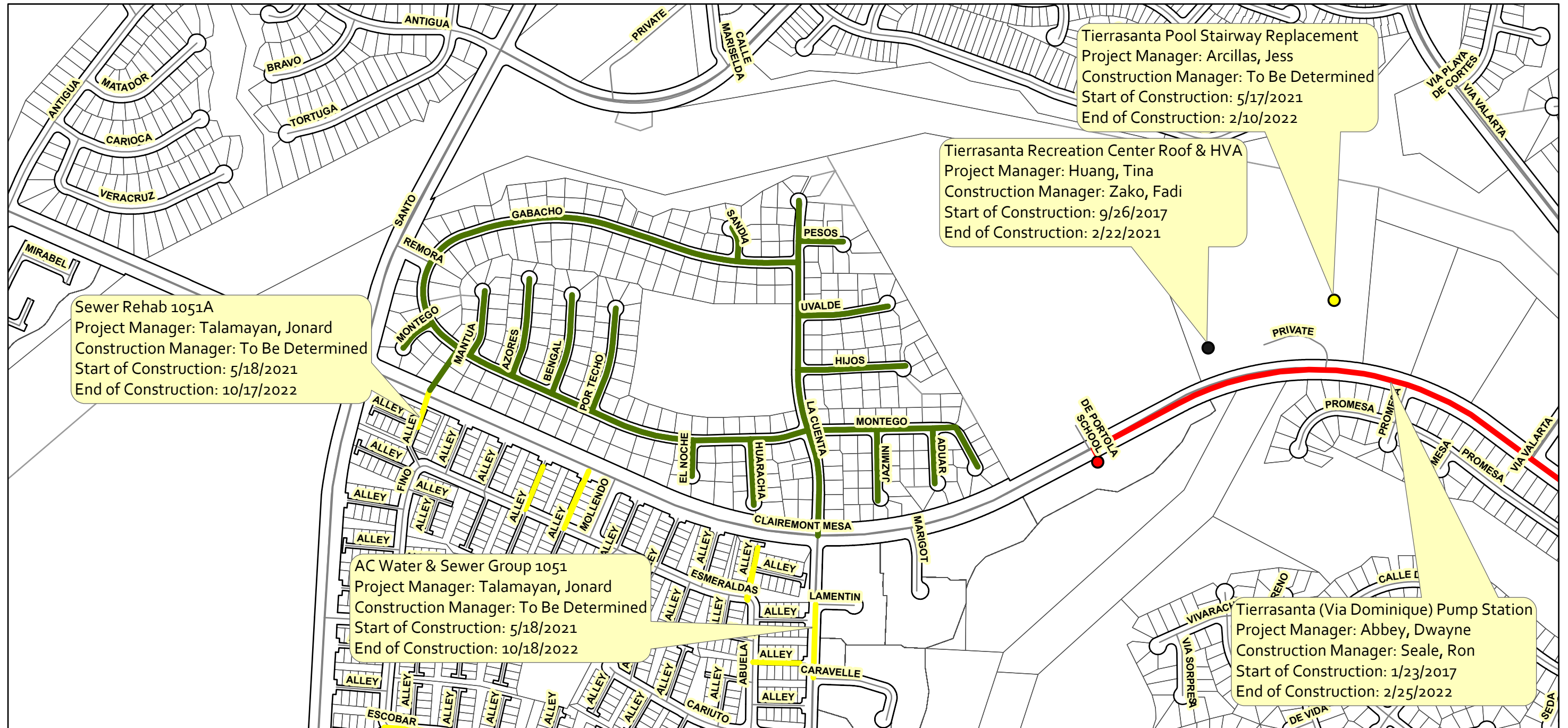
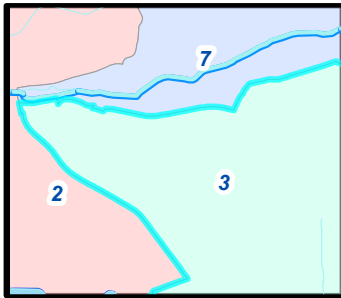
Tierrasanta Improv 1

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Adjacent Project Map

COMMUNITY NAME: Tierrasanta

Date: 5/2/2021

Legend

Sewer Main Rehabilitation

COUNCIL DISTRICT: 7

WBS NO: B-21003



SPREADSHEETS FOR PIPELINE, SEWER LATERAL
AND MANHOLE REHABILITATION OR
REPLACEMENTS (WITH FSNs)

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
1	42701	1	305114	4	J11S	10515	GABACHO DR	1249H1
		2	305057	4	J11S	10518	GABACHO DR	1249H1
		3	177178	4	J11S	10530	GABACHO DR	1249H1
		4	177281	4	J11S	10535	GABACHO DR	1249H1
		5	177139	4	J11S	10542	GABACHO DR	1249H1
		6	177218	4	J11S	10551	GABACHO DR	1249H1
	42702	7	177150	4	J11S	10579	GABACHO DR	1249H1
		8	304924	4	J11S	10576	GABACHO DR	1249H1
		9	304942	4	J11S	10566	GABACHO DR	1249H1
		10	304956	4	J11S	10554	GABACHO DR	1249H1
		11	305026	4	J11S	10565	GABACHO DR	1249H1
	42703	12	176986	4	J11S	10612	GABACHO DR	1249H1
		13	176994	4	J11S	10586	GABACHO DR	1249H1
		14	177131	4	J11S	10589	GABACHO DR	1249H1
		15	304971	4	J11S	10611	GABACHO DR	1249H1
		16	304888	4	J11S	10596	GABACHO DR	1249H1
		17	304971	4	J11S	10622	GABACHO DR	1249H1
		18	177258	4	J11S	10621	GABACHO DR	1249H1
	42704	19	176965	4	J11S	10632	GABACHO DR	1249H1
		20	176969	4	J11S	10652	GABACHO DR	1249H1
		21	176974	4	J11S	10662	GABACHO DR	1249H1
		22	177003	4	J11S	10680	GABACHO DR	1249H1
		23	177004	4	J11S	10688	GABACHO DR	1249H1
		24	177021	4	J11S	10696	GABACHO DR	1249H1
		25	177127	4	J11S	10651	GABACHO DR	1249H1
		26	177254	4	J11S	10661	GABACHO DR	1249H1
		27	177258	4	J11S	10621	GABACHO DR	1249H1
		28	177263	4	J11S	10631	GABACHO DR	1249H1
		29	177276	4	J11S	10671	GABACHO DR	1249H1
		30	304876	4	J11S	10642	GABACHO DR	1249H1
		31	304900	4	J11S	10672	GABACHO DR	1249H1
		32	304970	4	J11S	10641	GABACHO DR	1249H1
	42705	33	305006	4	J11S	10681	GABACHO DR	1249H1
		34	177060	4	J11S	10710	GABACHO DR	1249H1
		35	177105	4	J11S	10720	GABACHO DR	1249H1
		36	177204	4	J11S	10740	GABACHO DR	1249H1
		37	177214	4	J11S	10750	GABACHO DR	1249H1
		38	177247	4	J11S	10727	GABACHO DR	1249H1
		39	177316	4	J11S	10751	GABACHO DR	1249H1
		40	305009	4	J11S	10730	GABACHO DR	1249H1
		41	305036	4	J11S	10709	GABACHO DR	1249H1
		42	305082	4	J11S	10733	GABACHO DR	1249H1
		43	305106	4	J11S	10715	GABACHO DR	1249H1
		44	305125	4	J11S	10721	GABACHO DR	1249H1
		45	305164	4	J11S	10739	GABACHO DR	1249H1
		46	305180	4	J11S	10745	GABACHO DR	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
2	42706	1	177238	4	J11S	10770	GABACHO DR	1249H1
		2	177395	4	J11S	10781	GABACHO DR	1249H1
		3	177488	4	J11S	10763	GABACHO DR	1249H1
		4	177500	4	J11S	10769	GABACHO DR	1249H1
		5	305077	4	J11S	10780	GABACHO DR	1249H1
		6	305127	4	J11S	10757	GABACHO DR	1249H1
		7	305158	4	J11S	10775	GABACHO DR	1249H1
		8	305247	4	J11S	10787	GABACHO DR	1249H1
	42611	9	177049	4	J11S	5575	SANDIA PL	1249H1
		10	177050	4	J11S	5564	SANDIA PL	1249H1
		11	177080	4	J11S	5565	SANDIA PL	1249H1
		12	177197	4	J11S	5544	SANDIA PL	1249H2
		13	304952	4	J11S	5554	SANDIA PL	1249H1
	42610	14	177216	4	J11S	10805	GABACHO DR	1249H1
		15	177327	4	J11S	10810	GABACHO DR	1249H1
		16	177328	4	J11S	10830	GABACHO DR	1249H1
		17	177329	4	J11S	10840	GABACHO DR	1249H1
		18	177414	4	J11S	10825	GABACHO DR	1249H1
		19	177420	4	J11S	10855	GABACHO DR	1249H1
		20	177538	4	J11S	10845	GABACHO DR	1249H1
		21	305103	4	J11S	10820	GABACHO DR	1249H1
		22	305176	4	J11S	10815	GABACHO DR	1249H1
		23	305254	4	J11S	10835	GABACHO DR	1249H1
	42609	24	177216	4	J11S	10805	GABACHO DR	1249H1
	42608	25	376314	4	J11S	10887	PESOS PL	1249H1
		26	376315	4	J11S	10877	PESOS PL	1249H1
		27	177161	4	J11S	10870	PESOS PL	1249H1
		28	177164	4	J11S	10880	PESOS PL	1249H1
		29	177167	4	J11S	10890	PESOS PL	1249H1
		30	177249	4	J11S	10897	PESOS PL	1249H1
		31	177285	4	J11S	10857	PESOS PL	1249H1
		32	177291	4	J11S	10867	PESOS PL	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
3	42690	1	376343	4	J11S	10649	MONTEGO DR	1249H1
		2	305762	4	J11S	10643	MONTEGO DR	1249H1
		3	305748	4	J11S	10625	MONTEGO DR	1249H1
	42691	4	178168	4	J11S	10587	MONTEGO DR	1249H1
		5	178212	4	J11S	10619	MONTEGO DR	1249H1
		6	178272	4	J11S	10595	MONTEGO DR	1249H1
		7	178286	4	J11S	10613	MONTEGO DR	1249H1
	42697	8	178012	4	J11S	10569	PRIVATE RD/EASEMENT	1249H1
		9	178108	4	J11S	10571	PRIVATE RD/EASEMENT	1249H1
		10	305597	4	J11S	10581	PRIVATE RD/EASEMENT	1249H1
		11	305689	4	J11S	10577	PRIVATE RD/EASEMENT	1249H1
	42698	12	178012	4	J11S	10568	MONTEGO DR	1249H1
	42699	13	177872	4	J11S	5386	MONTEGO PL	1249H1
		14	177925	4	J11S	5389	MONTEGO PL	1249H1
		15	178002	4	J11S	5376	MONTEGO PL	1249H1
		16	178058	4	J11S	5366	MONTEGO PL	1249H1
		17	305442	4	J11S	5356	MONTEGO PL	1249H1
		18	305488	4	J11S	5361	MONTEGO PL	1249H1
		19	305516	4	J11S	5366	MONTEGO PL	1249H1
	42700	20	177487	4	J11S	10526	MONTEGO DR	1249H1
		21	177495	4	J11S	10523	MONTEGO DR	1249H1
		22	305320	4	J11S	10535	MONTEGO DR	1249H1
		23	305326	4	J11S	10542	MONTEGO DR	1249H1
		24	177387	4	J11S	10511	MONTEGO DR	1249H1
		25	177390	4	J11S	10512	MONTEGO DR	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
4	42617	1	177913	4	J11S	5475	LA CUENTA DR	1249H1
		2	305454	4	J11S	5450	LA CUENTA DR	1249H1
	42614	3	177621	4	J11S	10894	UVALDE CT	1249H1
		4	177644	4	J11S	10878	UVALDE CT	1249H1
		5	177685	4	J11S	10862	UVALDE CT	1249H1
		6	177879	4	J11S	10873	UVALDE CT	1249H1
		7	305321	4	J11S	10886	UVALDE CT	1249H1
		8	305340	4	J11S	10870	UVALDE CT	1249H1
		9	305348	4	J11S	10895	UVALDE CT	1249H1
		10	305351	4	J11S	10854	UVALDE CT	1249H1
		11	305415	4	J11S	10867	UVALDE CT	1249H1
		12	305438	4	J11S	10861	UVALDE CT	1249H1
		13	305490	4	J11S	10853	UVALDE CT	1249H1
		14	177878	4	J11S	10881	UVALDE CT	1249H1
		15	177734	4	J11S	10889	UVALDE CT	1249H1
	42613	16	177691	4	J11S	10846	UVALDE CT	1249H1
		17	177698	4	J11S	10830	UVALDE CT	1249H1
		18	177817	4	J11S	10837	UVALDE CT	1249H1
		19	177821	4	J11S	10829	UVALDE CT	1249H1
		20	305359	4	J11S	10838	UVALDE CT	1249H1
		21	305492	4	J11S	10845	UVALDE CT	1249H1
	42615	22	178098	4	J11S	10950	HIJOS WY	1249H1
		23	178100	4	J11S	10949	HIJOS WY	1249H1
		24	178106	4	J11S	10882	HIJOS WY	1249H1
		25	178131	4	J11S	10943	HIJOS WY	1249H1
		26	178227	4	J11S	10937	HIJOS WY	1249H1
		27	178240	4	J11S	10925	HIJOS WY	1249H1
		28	178270	4	J11S	10931	HIJOS WY	1249H1
		29	178287	4	J11S	10913	HIJOS WY	1249H1
		30	305612	4	J11S	10940	HIJOS WY	1249H1
		31	305614	4	J11S	10930	HIJOS WY	1249H1
		32	305615	4	J11S	10920	HIJOS WY	1249H1
		33	305624	4	J11S	10910	HIJOS WY	1249H1
		34	305696	4	J11S	10907	HIJOS WY	1249H1
		35	305751	4	J11S	10919	HIJOS WY	1249H1
	42616	36	178111	4	J11S	10872	HIJOS WY	1249H1
		37	178119	4	J11S	10862	HIJOS WY	1249H1
		38	178121	4	J11S	10852	HIJOS WY	1249H1
		39	178229	4	J11S	10879	HIJOS WY	1249H1
		40	178230	4	J11S	10867	HIJOS WY	1249H1
		41	178245	4	J11S	10851	HIJOS WY	1249H1
		42	178282	4	J11S	10873	HIJOS WY	1249H1
		43	178306	4	J11S	10861	HIJOS WY	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
5	42880	1	178546	4	J12S	10934	MONTEGO DR	1249J1
		2	178550	4	J12S	10934	MONTEGO DR	1249J1
		3	305955	4	J12S	10958	MONTEGO DR	1249J1
	42878	4	178738	4	J12S	10982	MONTEGO DR	1249J1
		5	178871	4	J12S	10975	MONTEGO DR	1249J1
		6	179009	4	J12S	10985	MONTEGO DR	1249J1
		7	179027	4	J12S	10995	MONTEGO DR	1249J1
		8	305963	4	J12S	10966	MONTEGO DR	1249J1
		9	306042	4	J12S	10974	MONTEGO DR	1249J1
		10	306196	4	J12S	10990	MONTEGO DR	1249J1
		11	178922	4	J12S	10996	MONTEGO DR	1249J1
		42879	12	178666	4	J12S	5371	ADUARA CT
	13		178843	4	J12S	5364	ADUARA CT	1249J1
	14		178881	4	J12S	5364	ADUARA CT	1249J1
	15		178916	4	J12S	5347	ADUARA CT	1249J1
	16		179138	4	J12S	5332	ADUARA CT	1249J1
	17		306162	4	J12S	5361	ADUARA CT	1249J1
	18		306215	4	J12S	5340	ADUARA CT	1249J1
	19		306249	4	J12S	5340	ADUARA CT	1249J1
	20		306352	4	J12S	5339	ADUARA CT	1249J1
	21		306398	4	J12S	5331	ADUARA CT	1249J1
	22		178681	4	J12S	5372	ADUARA CT	1249J1
	42873	23	178684	4	J12S	5379	JAZMIN CT	1249J1
		24	178909	4	J12S	5362	JAZMIN CT	1249J1
		25	178926	4	J12S	5359	JAZMIN CT	1249J1
		26	179134	4	J12S	5350	JAZMIN CT	1249J1
		27	179175	4	J12S	5350	JAZMIN CT	1249J1
		28	179244	4	J12S	5337	JAZMIN CT	1249J1
		29	179300	4	J12S	5336	JAZMIN CT	1249J1
		30	179302	4	J12S	5332	JAZMIN CT	1249J1
		31	179345	4	J12S	5331	JAZMIN CT	1249J1
		32	306064	4	J12S	5380	JAZMIN CT	1249J1
		33	306139	4	J12S	5369	JAZMIN CT	1249J1
		34	306204	4	J12S	5374	JAZMIN CT	1249J1
		35	306220	4	J12S	5374	JAZMIN CT	1249J1
		36	306270	4	J12S	5356	JAZMIN CT	1249J1
		37	306304	4	J12S	5349	JAZMIN CT	1249J1
		38	306403	4	J12S	5343	JAZMIN CT	1249J1
	42872	39	178556	4	J12S	10926	MONTEGO DR	1249J1
		40	178559	4	J12S	10918	MONTEGO DR	1249J2
		41	178688	4	J12S	10923	MONTEGO DR	1249J3
		42	305962	4	J12S	10910	MONTEGO DR	1249J4
		43	305956	4	J12S	10934	MONTEGO DR	1249J5
	42871	44	378499	4	J12S	10877	MONTEGO DR	1249H1
		45	378500	4	J12S	10865	MONTEGO DR	1249H1
		46	178564	4	J12S	10896	MONTEGO DR	1249J1
		47	178567	4	J12S	10876	MONTEGO DR	1249H1
		48	305965	4	J12S	10886	MONTEGO DR	1249H1
	42866	49	134804	4	J12S	5380	LA CUENTA DR	1249H1
		50	143411	4	J12S	5355	LA CUENTA DR	1249H1
		51	183618	4	J12S	5380	LA CUENTA DR	1249H1
		52	183625	4	J12S	5375	LA CUENTA DR	1249H1
		53	183641	4	J12S	5370	LA CUENTA DR	1249H1
		54	183692	4	J12S	5360	LA CUENTA DR	1249H1
		55	183711	4	J12S	5365	LA CUENTA DR	1249H1
		56	179018	4	J12S	5350	LA CUENTA DR	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
6	42870	1	305965	4	J12S	10866	MONTEGO DR	1249H1
	42867	2	178630	4	J12S	10830	MONTEGO DR	1249H1
		3	178776	4	J12S	10831	MONTEGO DR	1249H1
		4	305981	4	J12S	10850	MONTEGO DR	1249H1
		5	306016	4	J12S	10810	MONTEGO DR	1249H1
		6	178645	4	J12S	10784	MONTEGO DR	1249H1
	42860	7	178765	4	J12S	10796	MONTEGO DR	1249H1
		8	178794	4	J12S	10775	MONTEGO DR	1249H1
		9	306024	4	J12S	10772	MONTEGO DR	1249H1
		10	306025	4	J12S	10760	MONTEGO DR	1249H1
	42857	11	178486	4	J12S	10692	MONTEGO DR	1249H1
		12	178685	4	J12S	10719	MONTEGO DR	1249H1
		13	178760	4	J12S	10713	MONTEGO DR	1249H1
		14	305993	4	J12S	10689	MONTEGO DR	1249H1
		15	306082	4	J12S	10693	MONTEGO DR	1249H1
	42858	16	178545	4	J12S	10712	MONTEGO DR	1249H1
		17	178592	4	J12S	10724	MONTEGO DR	1249H1
		18	178617	4	J12S	10736	MONTEGO DR	1249H1
		19	178756	4	J12S	10741	MONTEGO DR	1249H1
		20	178858	4	J12S	10729	MONTEGO DR	1249H1
		21	178873	4	J12S	10735	MONTEGO DR	1249H1
		22	306015	4	J12S	10748	MONTEGO DR	1249H1
		23	306084	4	J12S	10723	MONTEGO DR	1249H1
	42855	24	178409	4	J12S	10655	MONTEGO DR	1249H1
		25	178451	4	J12S	10661	MONTEGO DR	1249H1
		26	178503	4	J12S	10667	MONTEGO DR	1249H1
		27	178516	4	J12S	10671	MONTEGO DR	1249H1
		28	305897	4	J12S	10675	MONTEGO DR	1249H1
		29	305987	4	J12S	10681	MONTEGO DR	1249H1
		30	306003	4	J12S	10685	MONTEGO DR	1249H1
	42865	31	179253	4	J12S	5320	LA CUENTA DR	1249H1
		32	179297	4	J12S	5320	LA CUENTA DR	1249H1
		33	306495	4	J12S	5335	LA CUENTA DR	1249H1
		34	306420	4	J12S	5345	LA CUENTA DR	1249H1
		35	179139	4	J12S	5350	LA CUENTA DR	1249H1
	42861	36	179270	4	J12S	5329	HUARACHA CT	1249H1
		37	178890	4	J12S	5371	HUARACHA CT	1249H1
		38	178925	4	J12S	5370	HUARACHA CT	1249H1
		39	178985	4	J12S	5357	HUARACHA CT	1249H1
		40	306120	4	J12S	5390	HUARACHA CT	1249H1
		41	306134	4	J12S	5385	HUARACHA CT	1249H1
		42	306294	4	J12S	5350	HUARACHA CT	1249H1
		43	306375	4	J12S	5343	HUARACHA CT	1249H1
		44	306385	4	J12S	5330	HUARACHA CT	1249H1
	42859	45	178804	4	J12S	5385	EL NOCHE WY	1249H1
		46	178981	4	J12S	5365	EL NOCHE WY	1249H1
		47	179029	4	J12S	5355	EL NOCHE WY	1249H1
		48	179092	4	J12S	5344	EL NOCHE WY	1249H1
		49	179095	4	J12S	5345	EL NOCHE WY	1249H1
		50	306186	4	J12S	5375	EL NOCHE WY	1249H1
		51	306206	4	J12S	5364	EL NOCHE WY	1249H1
		52	178765	4	J12S	10796	MONTEGO DR	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
7	42688	1	177641	4	J11S	5495	POR TECHO CT	1249H1
		2	177647	4	J11S	5483	POR TECHO CT	1249H1
		3	177648	4	J11S	5496	POR TECHO CT	1249H1
		4	177895	4	J11S	5459	POR TECHO CT	1249H1
		5	305368	4	J11S	5482	POR TECHO CT	1249H1
		6	305387	4	J11S	5471	POR TECHO CT	1249H1
		7	305423	4	J11S	5463	POR TECHO CT	1249H1
		8	305464	4	J11S	5468	POR TECHO CT	1249H1
	42856	9	177941	4	J11S	5454	POR TECHO CT	1249H1
		10	178102	4	J11S	5440	POR TECHO CT	1249H1
		11	178172	4	J11S	5435	POR TECHO CT	1249H1
		12	178233	4	J11S	5426	POR TECHO CT	1249H1
		13	178285	4	J11S	5423	POR TECHO CT	1249H1
		14	178340	4	J11S	5412	POR TECHO CT	1249H1
		15	305577	4	J11S	5447	POR TECHO CT	1249H1
		16	305826	4	J11S	5411	POR TECHO CT	1249H1
	42689	17	177545	4	J11S	5495	BENGAL CT	1249H1
		18	177625	4	J11S	5471	BENGAL CT	1249H1
		19	177727	4	J11S	5468	BENGAL CT	1249H1
		20	177772	4	J11S	5459	BENGAL CT	1249H1
		21	305260	4	J11S	5496	BENGAL CT	1249H1
		22	305278	4	J11S	5483	BENGAL CT	1249H1
		23	305285	4	J11S	5482	BENGAL CT	1249H1
	42732	24	177853	4	J11S	5454	BENGAL CT	1249H1
		25	177909	4	J11S	5447	BENGAL CT	1249H1
		26	177961	4	J11S	5440	BENGAL CT	1249H1
		27	178021	4	J11S	5435	BENGAL CT	1249H1
		28	178083	4	J11S	5426	BENGAL CT	1249H1
		29	178145	4	J11S	5423	BENGAL CT	1249H1
		30	178222	4	J11S	5412	BENGAL CT	1249H1
		31	178265	4	J11S	5411	BENGAL CT	1249H1
	42693	32	177424	4	J11S	5496	AZORES CT	1249H1
		33	305188	4	J11S	5495	AZORES CT	1249H1
		34	305222	4	J11S	5482	AZORES CT	1249H1
		35	305253	4	J11S	5481	AZORES CT	1249H1
		36	305290	4	J11S	5468	AZORES CT	1249H1
		37	305330	4	J11S	5467	AZORES CT	1249H1
	42692	38	177805	4	J11S	5440	AZORES CT	1249H1
		39	177900	4	J11S	5439	AZORES CT	1249H1
		40	177954	4	J11S	5426	AZORES CT	1249H1
		41	178023	4	J11S	5425	AZORES CT	1249H1
		42	178112	4	J11S	5411	AZORES CT	1249H1
		43	305365	4	J12S	5454	AZORES CT	1249H1
		44	305409	4	J12S	5453	AZORES CT	1249H1
		45	305605	4	J12S	5412	AZORES CT	1249H1
	42694	46	177508	4	J11S	5491	MANTUA CT	1249H1
		47	177514	4	J11S	5475	MANTUA CT	1249H1
		48	177520	4	J11S	5476	MANTUA CT	1249H1
		49	177610	4	J11S	5459	MANTUA CT	1249H1
		50	177636	4	J11S	5456	MANTUA CT	1249H1
		51	177759	4	J11S	5436	MANTUA CT	1249H1
		52	305238	4	J11S	5496	MANTUA CT	1249H1
		53	305396	4	J11S	5443	MANTUA CT	1249H1
	42695	54	177865	4	J11S	5429	MANTUA CT	1249H1

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
7	42695	55	305501	4	J11S	5416	MANTUA CT	1249H1
		56	305537	4	J11S	5415	MANTUA CT	1249H1

Tierrasanta Improvement 1 (S)

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Appendix H - Sewer Lateral Tierrasanta Improvement 1 (S) Spreadsheets

Tierrasanta Improvement 1 (S) (B-21003) _ Sewer Lateral Spreadsheet

Map Sheet Number	FSN Of Sewer main	Lateral NO.	Lateral FSN	Lateral Size (Inch)	Field Book	Street NO.	Street Name	Thomas Bro
8	42607	1	176832	4	J11S	5590	LA CUENTA DR	1249H1
		2	176842	4	J11S	5571	LA CUENTA DR	1249H1
		3	176843	4	J11S	5581	LA CUENTA DR	1249H1
		4	176857	4	J11S	5580	LA CUENTA DR	1249H1
		5	176877	4	J11S	5570	LA CUENTA DR	1249H1
		6	176923	4	J11S	5561	LA CUENTA DR	1249H1
		7	176991	4	J11S	5550	LA CUENTA DR	1249H1
		8	177032	4	J11S	5551	LA CUENTA DR	1249H1
		9	177100	4	J11S	5540	LA CUENTA DR	1249H1
		10	304838	4	J11S	5560	LA CUENTA DR	1249H1
	42612	11	177380	4	J11S	5531	LA CUENTA DR	1249H1
		12	177460	4	J11S	5521	LA CUENTA DR	1249H1
	42869	13	178354	4	J11S	5419	LA CUENTA DR	1249H1

Tierrasanta Improvement 1 (S) (B 21003) _ Sewer Pipeline Spreadsheet

Map Sheet Number	Street Name	FSN	Length (Feet)	Size (Inch)	Material	Action	DS MH ID	DS MH IE	DS MH Depth	US MH ID	US MH IE	US MH Depth	Lateral	Thomas Bro	Council District	Community	Field Book
1	GABACHO DR	42701	276	10	VC	Rehab	339	323.12	12	316	336.94	9	6	1249H1	7	Tierrasanta	J11S
	GABACHO DR	42702	200	10	VC	Rehab	316	336.94	9	315	346.94	9	5	1249H1	7	Tierrasanta	J11S
	GABACHO DR	42703	199	8	VC	Rehab	315	346.94	9	314	356.97	8	7	1249H1	7	Tierrasanta	J11S
	GABACHO DR	42704	345	8	VC	Rehab	314	356.97	8	313	369.75	8	15	1249H1	7	Tierrasanta	J11S
	GABACHO DR	42705	317	8	VC	Rehab	313	369.75	8	312	384.05	9	13	1249H1	7	Tierrasanta	J11S
2	GABACHO DR	42706	308	8	VC	Point Repair / Rehab	312	384.05	9	218	397.89	7	8	1249H1	7	Tierrasanta	J11S
	SANDIA PL	42611	179	8	VC	Rehab	218	397.89	7	311	399.14	8	5	1249H1	7	Tierrasanta	J11S
	GABACHO DR	42610	308	8	VC	Rehab	218	397.89	7	217	409.50	13	10	1249H1	7	Tierrasanta	J11S
	GABACHO DR	42609	108	8	VC	Rehab	217	409.50	10	215	412.19	13	1	1249H1	7	Tierrasanta	J11S
	PESOS PL	42608	224	8	VC	Rehab	215	412.2	10	216	419.74	8	8	1249H1	7	Tierrasanta	J11S
3	MONTEGO DR	42690	222	8	VC	Rehab	306	361.26	9	9001	370.14	9	3	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42691	234	8	VC	Rehab	301	351.7	9	306	361.26	9	4	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42696	64	8	VC	Rehab	300	348.4	10	301	351.71	9	0	1249H1	7	Tierrasanta	J11S
	PRIVATE RD/EASEM	42697	253	10	VC	Rehab	300	348.41	10	298	350.94	15	4	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42698	193	10	VC	Point Repair / Rehab	299	338.78	10	300	348.41	10	1	1249H1	7	Tierrasanta	J11S
	MONTEGO PL	42699	195	8	VC	Rehab	299	338.78	10	297	346.19	8	7	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42700	313	10	VC	Rehab	339	323.12	12	299	338.78	10	6	1249H1	7	Tierrasanta	J11S
4	LA CUENTA DR	42617	275	8	VC	Point Repair / Rehab	219	417.65	13	224	421.65	10	2	1249H1	7	Tierrasanta	J11S
	UVALDE CT	42614	243	8	VC	Point Repair / Rehab	220	425.66	9	221	435.15	12	13	1249H1	7	Tierrasanta	J11S
	UVALDE CT	42613	208	8	VC	Rehab	219	417.56	13	220	425.66	9	6	1249H1	7	Tierrasanta	J11S
	HIJOS WY	42615	234	8	VC	Rehab	223	430.03	11	222	441.01	11	14	1249H1	7	Tierrasanta	J11S
	HIJOS WY	42616	310	8	VC	Point Repair / Rehab	224	421.65	10	223	430.03	11	8	1249H1	7	Tierrasanta	J11S
5	MONTEGO DR	42880	123	8	VC	Rehab	126	461.14	8	127	462.37	8	2	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42878	216	8	VC	Point Repair / Rehab	127	462.37	8	128	464.53	8	7	1249H1	7	Tierrasanta	J11S
	ADUARA CT	42879	281	8	VC	Point Repair / Rehab	126	461.14	8	132	463.11	8	11	1249H1	7	Tierrasanta	J11S
	ADUARA CT	42873	375	8	VC	Point Repair / Rehab	125	452.59	8	133	460.84	8	16	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42872	248	8	VC	Rehab	125	452.59	8	126	461.14	8	5	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42871	268	8	VC	Rehab	124	439.19	7	125	452.59	8	5	1249H1	7	Tierrasanta	J11S
	MONTEGO DR	42866	325	8	VC	Point Repair / Rehab	123	434.88	7	134	445.59	7	8	1249H1	7	Tierrasanta	J11S
6	MONTEGO DR	42870	86	8	VC	Point Repair / Rehab	123	434.88	7.00	124	439.19	8.00	1	1249H1	7	Tierrasanta	J11S / J12S
	MONTEGO DR	42867	215	8	VC	Rehab	120	420.54	8	123	434.88	7	4	1249H1	7	Tierrasanta	J11S / J12S
	MONTEGO DR	42860	209	8	VC	Rehab	116	406.09	8	120	420.54	8	5	1249H1	7	Tierrasanta	J11S / J12S
	MONTEGO DR	42857	188	8	VC	Rehab	118	379.06	9	117	486.57	10	5	1249H1	7	Tierrasanta	J11S / J12S
	MONTEGO DR	42858	349	8	VC	Rehab	117	386.57	10	116	406.09	8	8	1249H1	7	Tierrasanta	J11S / J12S
	MONTEGO DR	42855	223	8	VC	Rehab	9001	370.14	19	118	379.06	9	7	1249H1	7	Tierrasanta	J11S / J12S
	LA CUENTA DR	42865	216	8	VC	Rehab	134	445.59	7	140	447.20	8	5	1249H1	7	Tierrasanta	J11S / J12S
	HUARACHA CT	42861	320	8	VC	Rehab	120	420.54	8	135	427.90	7	9	1249H1	7	Tierrasanta	J11S / J12S
	EL NOCHE WY	42859	180	8	VC	Point Repair / Rehab	116	406.09	8	115	412.03	8	8	1249H1	7	Tierrasanta	J11S / J12S
	POR TECHO CT	42688	198	8	VC	Rehab	310	339.76	10	309	405.69	8	8	1249H1	7	Tierrasanta	J11S
7	POR TECHO CT	42856	345	8	VC	Point Repair / Rehab	118	379.06	9	310	399.76	10	8	1249H1	7	Tierrasanta	J11S
	BENGAL CT	42689	175	8	VC	Point Repair / Rehab	307	390.47	10	308	395.72	8	7	1249H1	7	Tierrasanta	J11S
	BENGAL CT	42732	339	8	VC	Rehab	9001	370.14	19	307	390.47	10	8	1249H1	7	Tierrasanta	J11S
	AZORES CT	42693	185	8	VC	Rehab	305	381.18	10	304	386.73	9	6	1249H1	7	Tierrasanta	J11S
	AZORES CT	42692	332	8	VC	Point Repair / Rehab	306	361.26	10	305	381.18	10	8	1249H1	7	Tierrasanta	J11S
	MANTUA CT	42694	200	8	VC	Rehab	302	358.75	9	303	370.75	9	8	1249H1	7	Tierrasanta	J11S
	MANTUA CT	42695	141	8	VC	Point Repair / Rehab	301	351.71	9	302	358.75	9	3	1249H1	7	Tierrasanta	J11S
8	LA CUENTA DR	42607	203	8	VC	Rehab	214	412.19	10	214	413.00	7	7	1249H1	7	Tierrasanta	J11S / J12S
	LA CUENTA DR	42612	267	8	VC	Rehab	219	409.50	13	219	417.56	13	2	1249H1	7	Tierrasanta	J11S / J12S
	LA CUENTA DR	42869	312	8	VC	Point Repair / Rehab	123	421.65	10	123	434.88	7	1	1249H1	7	Tierrasanta	J11S / J12S

Tierrasanta Improvement 1 (S) (B 21003) _ Sewer Manholes Spreadsheet

Map Sheet Number	Thomas Brothers	Street Name	MH ID	MH IE	MH Depth	Manhole Method	Council District	Community	Field Book	FSN
Install Cleanout										
7	1249H1	Por Techo CT	309	405.69	8.00	Add Cleanout	7	Tierrasanta	J11S	109562
7	1249H1	Bengal CT	308	395.72	8.00	Add Cleanout	7	Tierrasanta	J11S	109561
7	1249H1	Azores CT	304	386.73	9.00	Add Cleanout	7	Tierrasanta	J11S	109557
Install Manhole										
7	1249H1	Mantua CT	303	370.75	9.00	Add Manhole	7	Tierrasanta	J11S	109556
Rehabilitate & Repair Manhole										
1	1249H1	Gabacho Dr	315	346.94	9.00	Rehab and Repair Manhole	7	Tierrasanta	J11S	109568
1	1249H1	Gabacho Dr	314	356.97	8.00	Rehab and Repair Manhole	7	Tierrasanta	J11S	109567
2	1249H1	Gabacho Dr	312	384.05	9.00	Rehab and Repair Manhole	7	Tierrasanta	J11S	109565
2	1249H2	Sandia PL	311	399.14	8.00	Rehab and Repair Manhole	7	Tierrasanta	J11S	109564
4	1249H1	Uvalde CT	221	435.15	12.00	Rehab and Repair Manhole	7	Tierrasanta	J12S	109475
6	1249H1	Montego DR	124	439.19	7.00	Rehab and Repair Manhole	7	Tierrasanta	J12S	10914
6	1249H1	Montego DR	120	420.54	8.00	Rehab and Repair Manhole	7	Tierrasanta	J11S / J12S	109707
6	1249H1	Montego DR	117	386.57	10.00	Rehab and Repair Manhole	7	Tierrasanta	J11S / J12S	109708
7	1249H1	Azores CT	305	381.18	10.00	Rehab and Repair Manhole	7	Tierrasanta	J11S	109558
7	1249H1	Mantua CT	302	358.75	9.00	Rehab and Repair Manhole	7	Tierrasanta	J11S	109555
8	1249H1	La Cuenta DR	214	413.00	7.00	Rehab and Repair Manhole	7	Tierrasanta	J11S / J12S	109468

Tierrasanta Improvement 1 (S) (B 21003) _ Sewer Manholes Spreadsheet

Map Sheet Number	Thomas Brothers	Street Name	MH ID	MH IE	MH Depth	Manhole Method	Council District	Community	Field Book	FSN
Replace Manhole										
3	1249H1	Montego DR	301	351.71	9.00	Replace Manhole	7	Tierrasanta	J11S	109554
3	1249H1	Montego DR	300	348.41	10.00	Replace Manhole	7	Tierrasanta	J11S	109553
3	1249H1	Montego DR	299	338.78	10.00	Replace Manhole	7	Tierrasanta	J11S	109552
3	1249H1	Montego PL	297	346.19	8.00	Replace Manhole	7	Tierrasanta	J11S	109550
6	1249H1	El Noche WY	115	412.03	8.00	Replace Manhole	7	Tierrasanta	J11S / J12S	109706
7	1249H1	Bengal CT	307	390.47	10.00	Replace Manhole	7	Tierrasanta	J11S	109560
Rehabilitation Manhole										
1	1249H1	Gabacho DR	316	336.94	9.00	Rehab	7	Tierrasanta	J11S	109569
1	1249H1	Gabacho DR	339	323.12	12.00	Rehab	7	Tierrasanta	J11S	109584
1	1249H1	Gabacho DR	313	369.75	8.00	Rehab	7	Tierrasanta	J11S	109566
2	1249H1	Gabacho DR	218	397.89	7.00	Rehab	7	Tierrasanta	J11S	109472
2	1249H1	Gabacho DR	217	409.50	13.00	Rehab	7	Tierrasanta	J11S	109471
2	1249H1	Gabacho DR	215	412.19	13.00	Rehab	7	Tierrasanta	J11S	109469
2	1249H1	Gabacho DR	216	419.74	8.00	Rehab	7	Tierrasanta	J11S	109470
3	1249H1	Montego DR	306	361.26	9.00	Rehab	7	Tierrasanta	J11S	109559
4	1249H1	La Cuenta DR	219	417.65	13.00	Rehab	7	Tierrasanta	J12S	109473
4	1249H1	La Cuenta DR	224	421.65	10.00	Rehab	7	Tierrasanta	J12S	109478
4	1249H1	Uvalde CT	220	425.66	9.00	Rehab	7	Tierrasanta	J12S	109474
4	1249H1	Hijos WY	222	441.01	11.00	Rehab	7	Tierrasanta	J12S	109476

Tierrasanta Improvement 1 (S) (B 21003) _ Sewer Manholes Spreadsheet

Map Sheet Number	Thomas Brothers	Street Name	MH ID	MH IE	MH Depth	Manhole Method	Council District	Community	Field Book	FSN
Rehabilitation Manhole										
4	1249H1	Hijos WY	223	430.03	11.00	Rehab	7	Tierrasanta	J12S	109477
5	1249H1	Montego DR	126	461.14	8.00	Rehab	7	Tierrasanta	J12S	108715
5	1249H1	Montego DR	127	462.37	8.00	Rehab	7	Tierrasanta	J12S	109716
5	1249H1	Montego DR	128	464.53	8.00	Rehab	7	Tierrasanta	J12S	10917
5	1249H1	Aduara CT	132	463.11	8.00	Rehab	7	Tierrasanta	J12S	10918
5	1249H1	Jazmin CT	125	452.59	8.00	Rehab	7	Tierrasanta	J12S	10914
5	1249H1	Jazmin CT	133	460.84	8.00	Rehab	7	Tierrasanta	J12S	10919
5	1249H1	La Cuenta DR	123	434.88	7.00	Rehab	7	Tierrasanta	J12S	109712
5	1249H1	La Cuenta DR	134	445.59	7.00	Rehab	7	Tierrasanta	J12S	109720
6	1249H1	Montego DR	116	406.09	8.00	Rehab	7	Tierrasanta	J11S / J12S	109707
6	1249H1	Montego DR	118	379.06	9.00	Rehab	7	Tierrasanta	J11S / J12S	109709
6	1249H1	Montego DR	9001	370.14	18.86	Rehab	7	Tierrasanta	J11S / J12S	8013288
6	1249H1	La Cuenta DR	140	447.20	8.00	Rehab	7	Tierrasanta	J11S / J12S	109726
6	1249H1	Huaracha CT	135	427.90	7.00	Rehab	7	Tierrasanta	J11S / J12S	109721
						Replace Manhole			Replace Manhole (Total = 6)	
						Rehabilitation Manhole			Rehabilitation Manhole (Total = 26)	
						Rehabilitate and Repair Manhole			Rehabilitate and Repair Manhole (Total = 11)	
						Install Cleanout			Install Cleanout (Total = 3)	
						Install Manhole			Install Manhole (Total = 1)	

SURVEY MONUMENT SHEET

LEGEND:

- SEWER MAIN REHABILITATION
- * - LOCATION OF EXISTING SURVEY MONUMENT
- △ - LOCATION OF EXISTING SURVEY M-IOA

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.

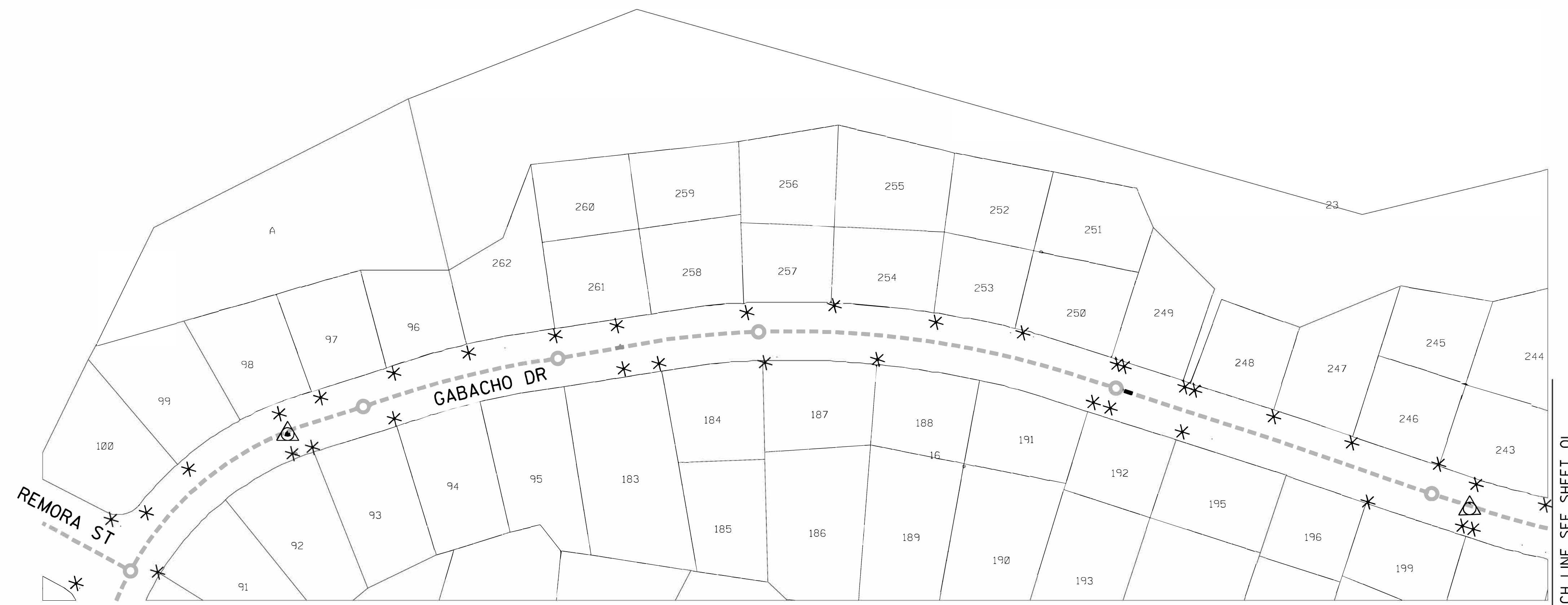


MATCH LINE SEE SHEET 02

MATCH LINE SEE SHEET 04

<p>MAPS FOR THE CONSTRUCTION OF TIERRASANTA IMPROV 1 SURVEY MONUMENT SHEET (1 OF 4)</p>		
<p>NO SCALE</p>	<p>WBS # B-21003</p>	<p>SEE MAP</p>

SURVEY MONUMENT SHEET



MATCH LINE SEE SHEET 03

MATCH LINE SEE SHEET 01

MONUMENTATION / SURVEY NOTES

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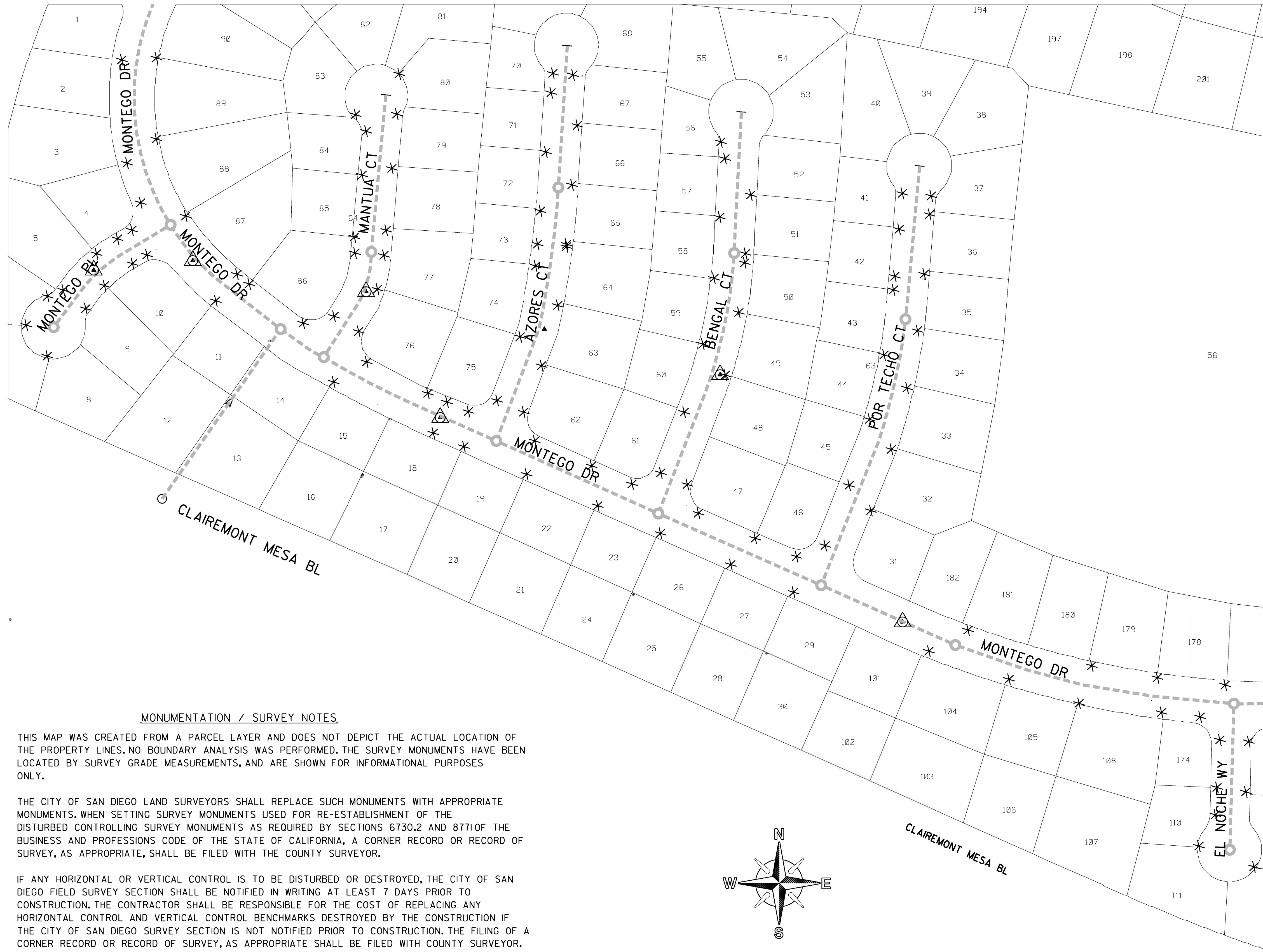
IF ANY HORIZONTAL OR VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ANY HORIZONTAL CONTROL AND VERTICAL CONTROL BENCHMARKS DESTROYED 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.

LEGEND:	
-----	SEWER MAIN REHABILITATION
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING SURVEY M-10A

MAPS FOR THE CONSTRUCTION OF TIERRASANTA IMPROV 1 SURVEY MONUMENT SHEET (2 OF 4)		
	WBS # B-21003	SEE MAP
NO SCALE		

SURVEY MONUMENT SHEET

MATCH LINE SEE SHEET 02



LEGEND:

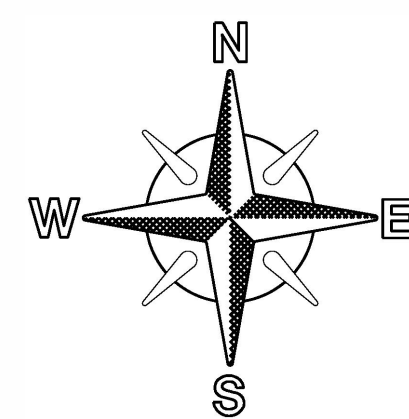
- SEWER MAIN REHABILITATION
- * - LOCATION OF EXISTING SURVEY MONUMENT
- △ - LOCATION OF EXISTING SURVEY M-10 A

MONUMENTATION / SURVEY NOTES

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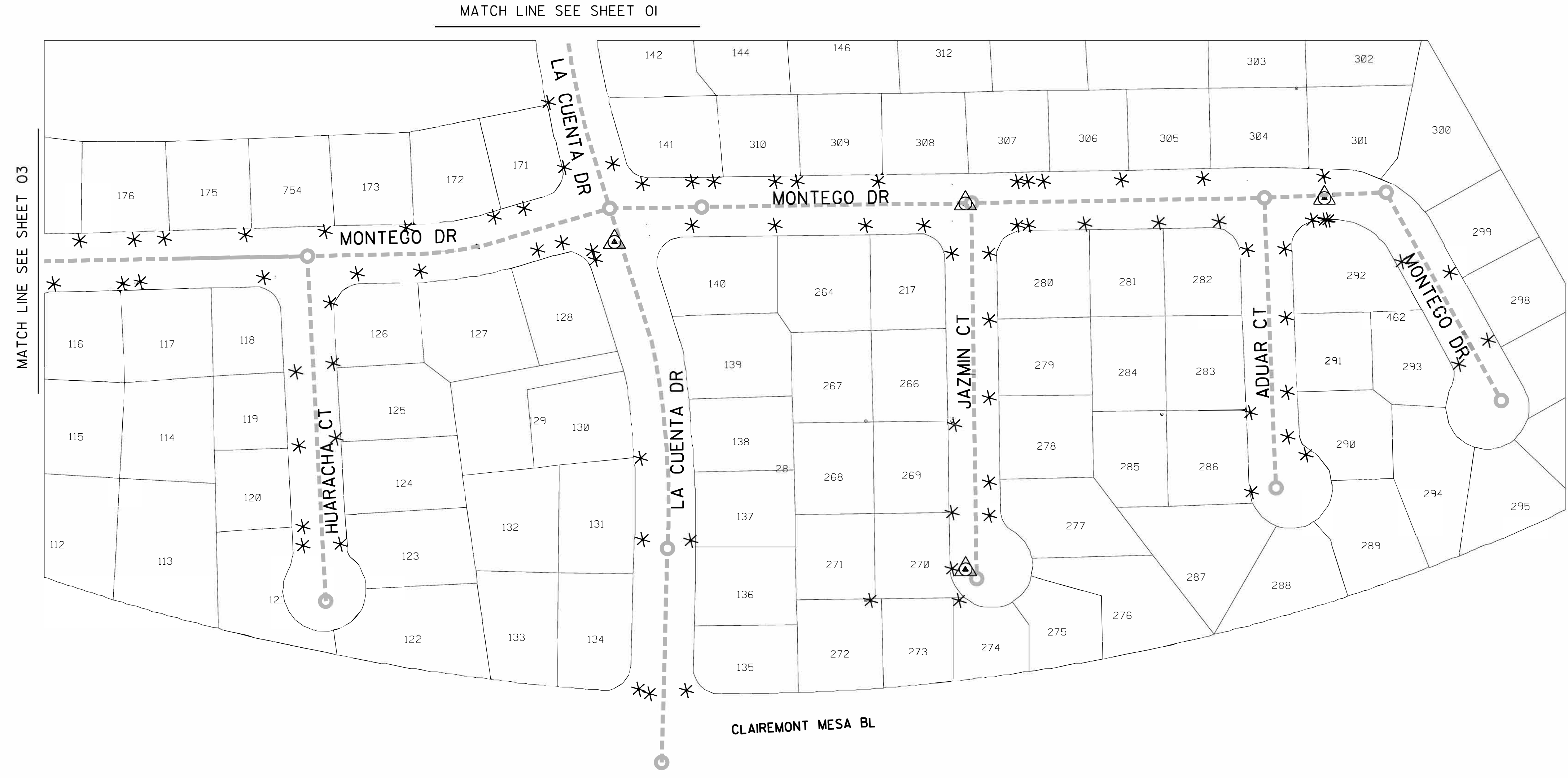


NO SCALE

MATCH LINE SEE SHEET 04

MAPS FOR THE CONSTRUCTION OF TIERRASANTA IMPROV 1 SURVEY MONUMENT SHEET (3 OF 4)		
<p>NO SCALE</p>	WBS # B-21003	SEE MAP

SURVEY MONUMENT SHEET



MONUMENTATION / SURVEY NOTES

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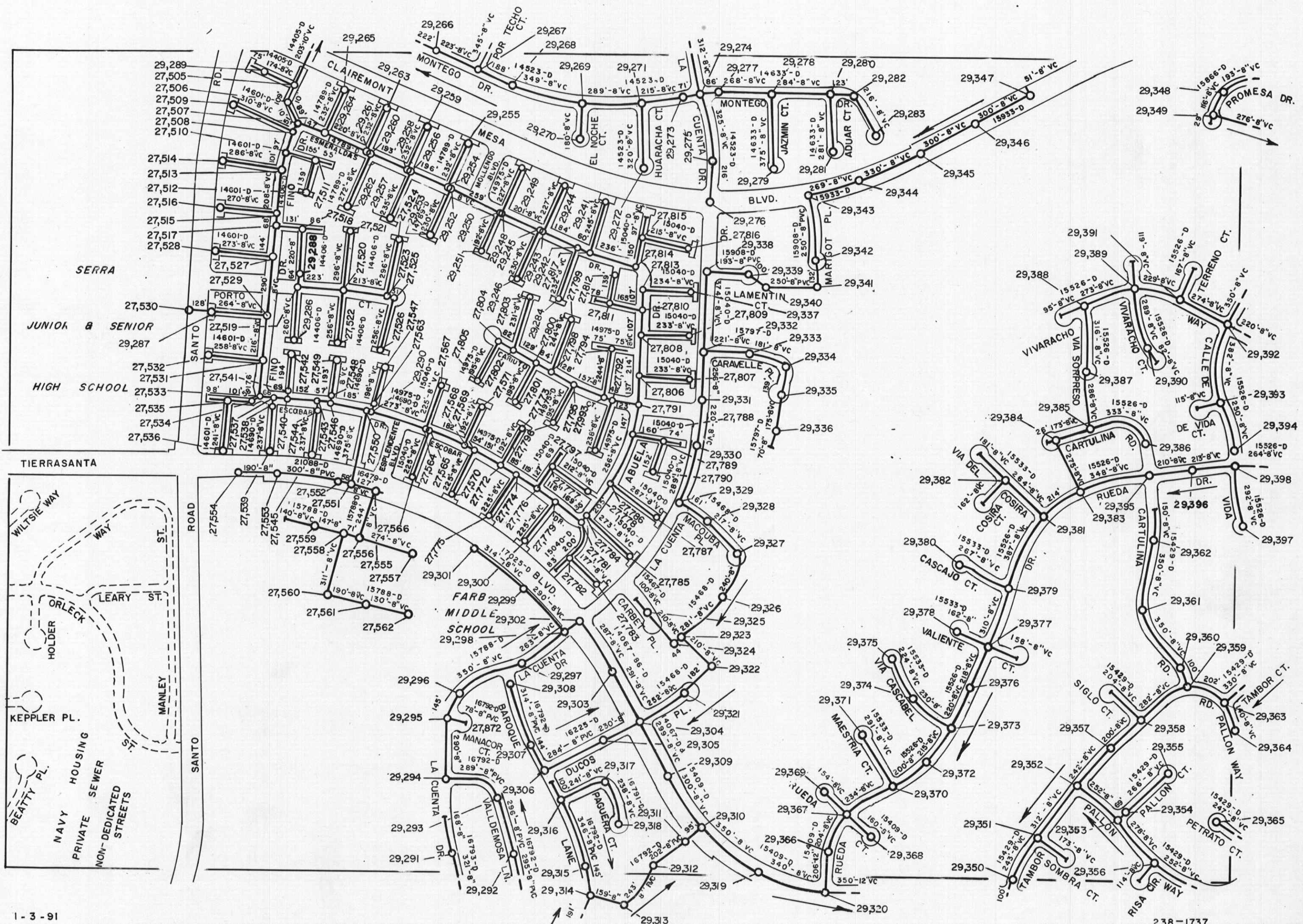
LEGEND:

- SEWER MAIN REHABILITATION
- * - LOCATION OF EXISTING SURVEY MONUMENT
- △ - LOCATION OF EXISTING SURVEY M-IOA

<p>MAPS FOR THE CONSTRUCTION OF TIERRASANTA IMPROV 1 SURVEY MONUMENT SHEET (4 OF 4)</p>		
<p>NO SCALE</p>	<p>WBS # B-21003</p>	<p>SEE MAP</p>

SURVEY MONUMENT SHEET

AS-BUILT RECORD DRAWINGS

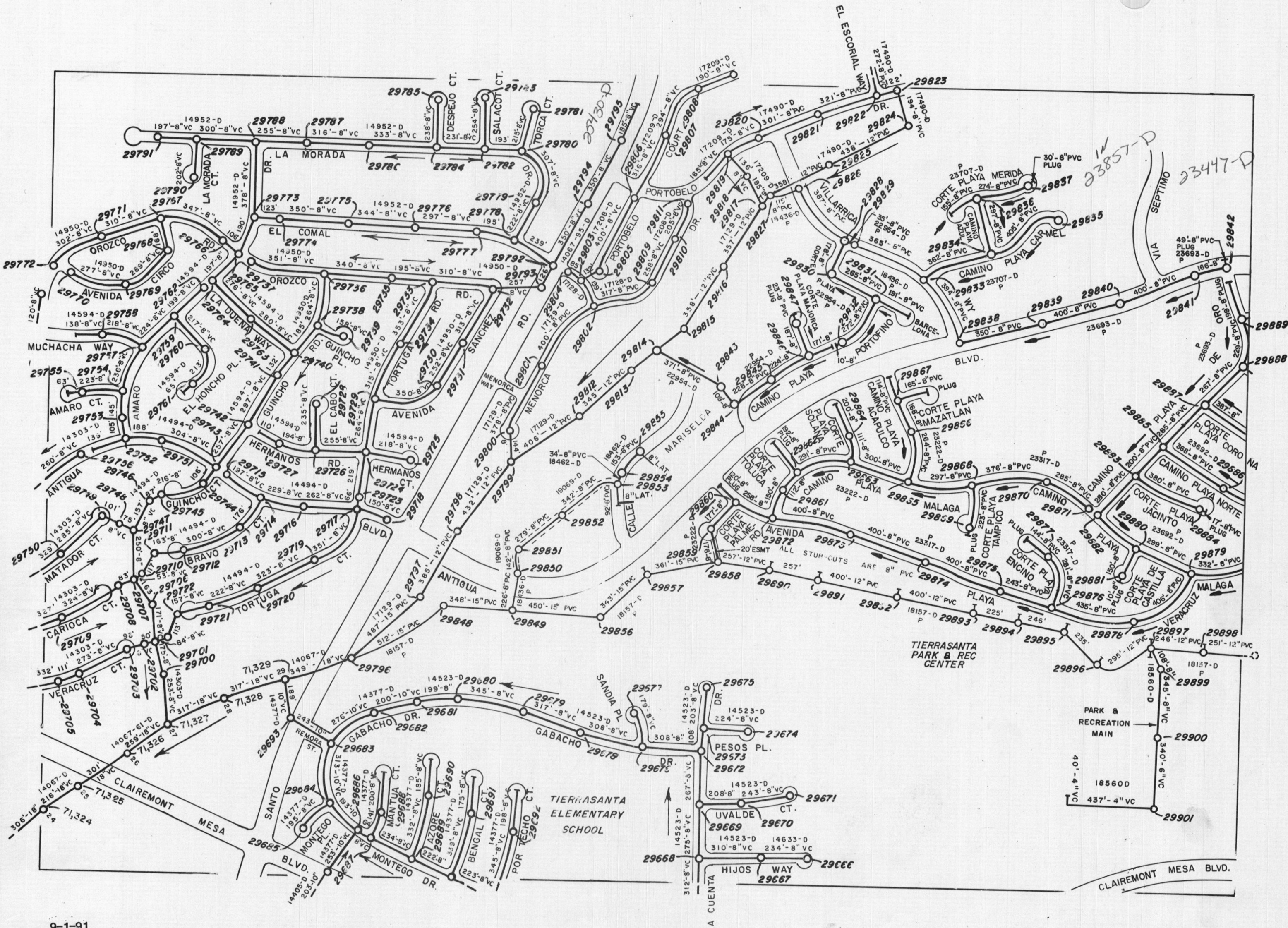


1 - 3 - 91

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 27,817 29,398

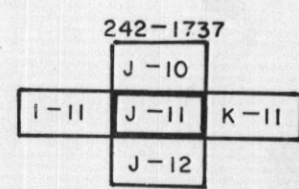
NOT USED 29,247
 29,285

238-1737		
	J-11	
I-12	J-12	K-12
	J-13	



9-1-91

NOT USED
29694-29699
29666-29693
29700-29901
71,324-71,329



ENVIRONMENTAL DOCUMENTS

APPENDIX B

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: Tierrasanta Improv 1

WBS No.: B-21003.02.06

Project Location-Specific: The project is bounded by Santo Road to the west, De Portola Middle School to the east, Clairemont Mesa Boulevard to the south, and Antigua Boulevard to the north. Most of the proposed work will occur within the City’s Right-of-Way (ROW) along Gabacho Drive, Montego Drive, La Cuenta Drive and various intersecting streets in the Tierrasanta Community Planning Area and Council District 7.

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

Description of nature and purpose of the Project: The project involves point repairs on segments of existing vitrified clay (VC) sewer main pipe prior to rehabilitating the main, rehabilitating existing manholes (MH), repairing existing sewer MHs, replacing-in-place existing sewer MHs, constructing new sewer main cleanouts on existing dead-end sewer mains, rehabilitating and reconnecting existing sewer laterals, installing cleanouts for the laterals at the property line (as needed), and rehabilitating 11,843 linear feet (LF), or approximately 2.24 miles, of existing 8-inch and 10-inch sewer mains with trenchless technology.

The proposed point repairs will involve excavations in depth ranging from 7 to 15 feet, with a width of approximately 3 feet, for a total length of a minimum of 155 LF. The proposed MH replacement will involve excavations in depth ranging from 8 to 10 feet, with an excavation area of approximately 10 feet by 10 feet, for each MH. The proposed installation of the sewer cleanouts will involve excavations in depth ranging from 8 to 9 feet, with an excavation area of approximately 3 feet by 3 feet, for each cleanout. Any excavation within the City’s ROW will occur within previously disturbed and improved ROW. Excavation within easements will occur within previously disturbed soil.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: Mayra Medel, 525 B Street MS 908A, Suite 750, San Diego, CA 92101, (619) 533-4603

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: 15301(b) [Existing Facilities], 13502(c) [Replacement or Reconstruction], 15303 [New Construction or Conversion of Small Structures], and 15304 [Minor Alterations to Land]
- Statutory Exemptions:

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 15301(b) [Existing Facilities], which

allows for the operation, repair, maintenance, or minor alteration of existing public structures, facilities and mechanical equipment, involving negligible or no expansion of existing or former use, such as the rehabilitation/repair of the sewer mains, laterals, and manholes proposed by the project; 15302(c) [Replacement or Reconstruction], which allows for the replacement or reconstruction of existing structures and facilities 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 manhole replacements and sewer point repairs that will be replace-in-place; 15303 [New Construction or Conversion of Small Structures], which allows for the construction and location of limited numbers of new, small facilities or structures, such as the new sewer main cleanouts proposed by the project; 15304 [Minor Alterations to Land], which allows minor public or private alterations in the condition of land, water, and/or vegetation, including the minor trenching proposed by the project, that does not involve removal of healthy, mature, scenic trees; and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Mayra Medel

Telephone: (619) 533-4603

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, Interim Deputy Director

6/30/21

Date

Check One:

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

Date Received for Filing with County Clerk or OPR:

APPENDIX H
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

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

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX

To contact the City of San Diego:  Public Works
619-533-4207 | engineering@sandiego.gov | sandiego.gov/CIP

To contact the City of San Diego:  Public Works
619-533-4207 | engineering@sandiego.gov | sandiego.gov/CIP

ATTACHMENT F
RESERVED

ATTACHMENT G
CONTRACT AGREEMENT

ATTACHMENT G
CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Burtech Pipeline Inc.**, herein called "Contractor" for construction of **Tierrasanta Improv 1 Sewer**; Bid No. **K-22-2068-DBB-3**; in the total amount **ONE MILLIOIN FIVE HUNDRED SIXTY SEVEN THOUSAND DOLLARS (\$1,567,000)**, which is comprised of the Base Bid, consisting of an amount not to exceed **ONE MILLIOIN FIVE HUNDRED SIXTY SEVEN THOUSAND DOLLARS (\$1,567,000)**.

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) That certain documents entitled **Tierrasanta Improv 1 Sewer**, on file in the office of the Purchasing & Contracting Department as Document No. **B-21003**, 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 **Tierrasanta Improv 1 Sewer**, Bid Number **K-22-2068-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.
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 522.3102 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 

Mara W. Elliott, City Attorney
By 

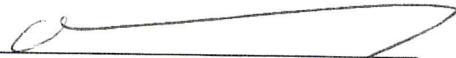
Print Name: Stephen Samara
Principal Contract Specialist
Purchasing & Contracting
Public Works

Print Name: ADAM WANDER
Deputy City Attorney

Date: 4/6/2022

Date: 4/7/22

CONTRACTOR

By 

Print Name: Dominic J. Burtech

Title: President & CEO

Date: 2/14/2022

City of San Diego License No.: B1996002066

State Contractor's License No.: 718202

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000006324

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

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:

Tierrasanta Improv 1 Sewer

(Project Title)

as particularly described in said contract and identified as Bid No. **K-22-2068-DBB-3**; SAP No. (WBS) **B-21003** 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. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- D. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTOR**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**
- F. CONTRACTOR’S EXPERIENCE AND PAST PROJECT DOCUMENTATION. SEE SSP AND 2018 WB SECTION 500-2.1, INITIAL SUBMITTALS, ITEM 1, a.**
- G. MANUFACTURER AUTHORIZED INSTALLER CERTIFICATION. SEE SSP AND 2018 WB SECTION 500-2.1, INITIAL SUBMITTALS, ITEM 1, b.**

BID BOND

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

KNOW ALL MEN BY THESE PRESENTS,

That BURTECH PIPELINE, INCORPORATED as Principal, and NORTH AMERICAN SPECIALTY 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


TIERRASANTA IMPROV 1 SEWER, K-22-2068-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 18TH day of JANUARY, 20 22

BURTECH PIPELINE, INCORPORATED (SEAL)
(Principal)

NORTH AMERICAN
SPECIALTY INSURANCE COMPANY (SEAL)
(Surety)

By: 
(Signature)
DOMINIC J. BURTECH, JR., PRESIDENT

By: 
(Signature)
MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE CERTIFICATE OF 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 1/25/2022 before me, Arthur P. Arquilla, Notary Public
(Here insert name and title of the officer)

personally appeared Dominic Burtch
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.

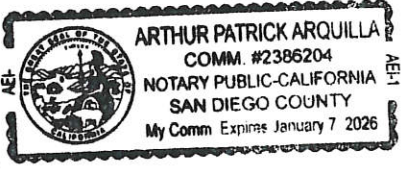
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Handwritten Signature]

Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

Individual (s)

Corporate Officer

(Title)

Partner(s)

Attorney-in-Fact

Trustee(s)

Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

- This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*
- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
 - Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
 - The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
 - Print the name(s) of document signer(s) who personally appear at the time of notarization.
 - Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
 - The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
 - Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
 - Securely attach this document to the signed document with a staple.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

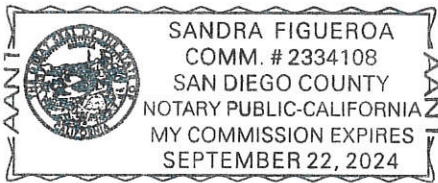
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of SAN DIEGO

On 1/18/2022 before me, SANDRA FIGUEROA, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared MARK D. IATAROLA
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.

Place Notary Seal and/or Stamp Above

Signature [Handwritten Signature]
Signature of Notary Public

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: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA Signer's Name: _____
 Corporate Officer – Title(s): _____ Corporate Officer – Title(s): _____
 Partner – Limited General Partner – Limited General
 Individual Attorney in Fact Individual Attorney in Fact
 Trustee Guardian of Conservator Trustee Guardian of Conservator
 Other: _____ Other: _____
Signer is Representing: _____ Signer is Representing: _____

SWISS RE CORPORATE SOLUTIONS

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY
WESTPORT INSURANCE CORPORATION

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Kansas City, Missouri and Washington International Insurance Company a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Kansas City, Missouri, and Westport Insurance Corporation, organized under the laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, each does hereby make constitute and appoint:

JOHN G. MALONEY, HELEN MALONEY, SANDRA FIGUEROA, MARK D. IATAROLA, JESSICA SCHMAL,
and TRACY LYNN RODRIGUEZ JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:
ONE HUNDRED TWENTY FIVE MILLION (\$125,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on March 24, 2000 and Westport Insurance Corporation by written consent of its Executive Committee dated July 18, 2011.

RESOLVED, that any two of the President, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached.



By Steven P. Anderson, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company & Senior Vice President of Westport Insurance Corporation

[Signature of Steven P. Anderson]

By Erik Janssens, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company & Senior Vice President of Westport Insurance Corporation

[Signature of Erik Janssens]

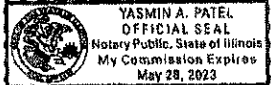


IN WITNESS WHEREOF, North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 12th day of November, 20 21.

North American Specialty Insurance Company
Washington International Insurance Company
Westport Insurance Corporation

State of Illinois
County of Cook ss:

On this 12th day of November, 20 21, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation and Erik Janssens Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature of Yasmin A. Patel]

Yasmin A. Patel, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 18th day of JANUARY, 20 22.

[Signature of Jeffrey Goldberg]

Jeffrey Goldberg, Senior Vice President & Assistant Secretary of Washington International Insurance Company & North American Specialty Insurance Company & Vice President & Assistant Secretary of Westport Insurance Corporation

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.

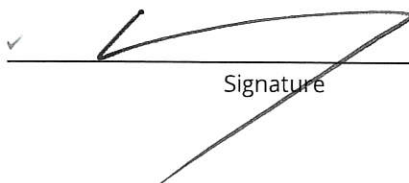
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of 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: Burtech Pipeline, Incorporated

Certified By Dominic J. Burtech Title President & CEO

Name


Signature

Date 1/26/2022

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
Burtech Pipeline, Incorporated			
Street Address	City	State	Zip
102 Second St. Suite C	Encinitas	CA	92024
Contact Person, Title		Phone	Fax
Buddy Aquino - Chief Estimator		(760) 634-2822	(760) 634-2415

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
Dominic J. Burtech	President & CEO
City and State of Residence	Employer (if different than Bidder/Proposer)
Encinitas, CA	
Interest in the transaction	
51%	

Name	Title/Position
Julie J. Burtech	Exec. VP & Secretary
City and State of Residence	Employer (if different than Bidder/Proposer)
Encinitas, CA	
Interest in the transaction	
49%	

* 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.

Dominic J. Burtech - President & CEO

Print Name, Title



Signature

1/26/2022

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
<p>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.</p>

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:

NAME	TITLE
Dominic J. Burtech	President & CEO
Julie J. Burtech	Exec. VP & Secretary

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: Burtech Pipeline, Incorporated

Certified By Dominic J. Burtech Title President & CEO

Name



Signature

Date 1/26/2022

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
National Coating & Lining Co.	
James Pleasants	President
Tom Unsell	Vice President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
McGrath Consulting	
Michael McGrath	President

SUBCONTRACTOR SUPPLIER MANUFACTURER


NAME	TITLE
NuLine Technologies, LLC	
Frank Durazo	Partner
Dominic & Julie Burtech	Partners
Salvador Aquino	Partner

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Piperin Corporation	
Craig Barry	President

Contractor Name: Burtech Pipeline, Incorporated

Certified By Dominic J. Burtech Title President & CEO

Name

 Signature

Date 1/26/2022

USE ADDITIONAL FORMS AS NECESSARY*

Bid Results

Bidder Details

Vendor Name Burtech Pipeline Incorporated
Address 102 Second Street
Encinitas, California 92024
United States
Respondee Dominic Burtech
Respondee Title President & CEO
Phone 760-634-2822
Email buddy@burtechpipeline.com
Vendor Type CADIR, PQUAL
License # 718202
CADIR 1000006324

Bid Detail

Bid Format Electronic
Submitted 01/26/2022 1:49 PM (PST)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 278827

Respondee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
Contractors Certification of Pending Actions - Tierrasanta.pdf	Contractors Certification of Pending Actions - Tierrasanta.pdf	Contractor's Certification of Pending Actions
Mandatory Disclosure of Business Interests Form - Tierrasanta.pdf	Mandatory Disclosure of Business Interests Form - Tierrasanta.pdf	Mandatory Disclosure of Business Interests
Prime Debarment and Suspension Certification - Tierrasanta.pdf	Prime Debarment and Suspension Certification - Tierrasanta.pdf	Debarment & Suspension Certification - Prime
Subs Debarment and Suspension Certification Tierrasanta.pdf	Subs Debarment and Suspension Certification Tierrasanta.pdf	Debarment & Suspension Certification - Subs, Suppliers, Manufacturers
Contractors Experience & Past Project Documentations.pdf	Contractors Experience & Past Project Documentations.pdf	Contractor's Experience & Past Project Documentation
Manufacturer Installer Qualification Package.pdf	Manufacturer Installer Qualification Package.pdf	Manufacturer Authorized Installer Certification
Bid Bond - Tierrasanta.pdf	Bid Bond - Tierrasanta.pdf	Bid Bond

Subcontractors

Showing 4 Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
McGrath Consulting PO Box 2488 El Cajon, California 92021	Designer - WPCP Development	ELBE	1000037165	\$600.00	Local
National Coating & Lining 26713 Madison Ave Murrieta, California 92532	Constructor - Bid Items 42 & 43 Rehabilitate & Repair Existing Manhole	886430	1000013795	\$56,814.00	
Nu-Line Technologies, LLC 102 Second Street, Suite B Encinitas, California 92024	Constructor - Sewer Main Rehabilitation, CCTV Inspections and Pipe Cleaning	997520	1000003808	\$264,504.50	FEM, MBE, CADIR, WBE, PQUAL, Local
Piperin Corporation 510 Venture Street Escondido, California 92029	Constructor - Manholes, Sewer Lateral Open-Cut Installations and Point Repairs	964028	1000000485	\$220,000.00	CADIR, ELBE, PQUAL, Local

Line Items

Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
Main Bid							\$1,567,000.00		
1	524126		Bonds (Payment and Performance)	LS	1	\$13,000.00	\$13,000.00	Yes	
2	334290		Remote Control Camera Inspection (EOC Type II)	AL	1	\$20,000.00	\$20,000.00	Yes	
3	237110		Sewage Bypass and Pumping Plan (Diversion Plan)	LS	1	\$2,500.00	\$2,500.00	Yes	
4	541820		Exclusive Community Liaison Services	LS	1	\$5,000.00	\$5,000.00	Yes	
5	541690		Suspension of Work - Resources	DAY	5	\$10.00	\$50.00	Yes	
6	237110		Mobilization	LS	1	\$13,600.00	\$13,600.00	Yes	
7			Field Orders (EOC Type II)	AL	1	\$200,000.00	\$200,000.00	Yes	
8	237310		Asphalt Pavement Repair	TON	15	\$100.00	\$1,500.00	Yes	
9	237310		Subgrade Imported Backfill	TON	943	\$10.00	\$9,430.00	Yes	
10	237310		Class 2 Aggregate Base	TON	674	\$10.00	\$6,740.00	Yes	
11	237310		Rubber Polymer Modified Slurry (RPMS) Type I Over II	SF	15833	\$2.00	\$31,666.00	Yes	
12	237310		Pavement Restoration Adjacent to Trench	SF	1000	\$1.00	\$1,000.00	Yes	
13	237310		Crack Seal	LB	7	\$10.00	\$70.00	Yes	
14	237310		Remove and Replace Existing Sidewalk	SF	375	\$30.00	\$11,250.00	Yes	
15	237310		Additional Curb and Gutter Removal and Replacement	LF	60	\$15.00	\$900.00	Yes	
16	237310		Additional Sidewalk Removal and Replacement	SF	125	\$20.00	\$2,500.00	Yes	
17	237310		Cross Gutter	SF	796	\$30.00	\$23,880.00	Yes	
18	237310		Residential Concrete Driveway	SF	385	\$30.00	\$11,550.00	Yes	
19	237310		Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles	EA	4	\$6,500.00	\$26,000.00	Yes	
20	237310		Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles with Spandrel	EA	1	\$7,500.00	\$7,500.00	Yes	
21	237110		Additional Bedding	CY	14	\$1.00	\$14.00	Yes	
22	237310		Temporary Resurfacing	TON	30	\$130.00	\$3,900.00	Yes	
23	237110		Manhole (4 ft x 3 ft)	EA	1	\$12,000.00	\$12,000.00	Yes	
24	237110		Connection to Existing Manhole and Rechanneling	EA	2	\$100.00	\$200.00	Yes	
25	237110		Sewer Lateral and Cleanout (4 Inch, Street)	EA	10	\$2,000.00	\$20,000.00	Yes	
26	237110		Sewer Lateral and Cleanout (6 Inch, Street)	EA	2	\$2,000.00	\$4,000.00	Yes	
27	237110		Replace Existing Manhole In Place	EA	6	\$13,000.00	\$78,000.00	Yes	
28	237110		Sewer Main Cleanout	EA	3	\$4,000.00	\$12,000.00	Yes	
29	237110		Cleaning and Video Inspection of Existing Pipelines and Culverts	LF	11843	\$1.00	\$11,843.00	Yes	
30	237110		Video Inspection of Pipelines and Culverts for Acceptance	LF	11843	\$1.00	\$11,843.00	Yes	
31	237310		Removal and Replacement of Existing Paint Striping	LS	1	\$1,000.00	\$1,000.00	Yes	
32	238990		Video Recording of Existing Conditions	LS	1	\$2,500.00	\$2,500.00	Yes	
33	237110		Potholing Existing Utilities Not Shown on Plans (Depth Up to 7 ft)	EA	100	\$400.00	\$40,000.00	Yes	
34	237310		Adjust Existing Survey Monument to Grade	EA	6	\$100.00	\$600.00	Yes	
35	237110		Point Repair for Existing Sewer Main (10 Inch)	EA	4	\$500.00	\$2,000.00	Yes	
36	237110		Point Repair for Existing Sewer Main (8 Inch)	EA	22	\$500.00	\$11,000.00	Yes	
37	237110		Additional Point Repair for Existing Sewer Main (10 Inch)	LF	186	\$15.00	\$2,790.00	Yes	
38	237110		Additional Point Repair for Existing Sewer Main (8 Inch)	LF	45	\$15.00	\$675.00	Yes	
39	237110		Rehabilitate Sewer Main (8 Inch)	LF	10608	\$21.00	\$222,768.00	Yes	
40	237110		Rehabilitate Sewer Main (10 Inch)	LF	1235	\$29.00	\$35,815.00	Yes	
41	237110		Service Lateral Connection	EA	323	\$700.00	\$226,100.00	Yes	
42	237110		Rehabilitate and Repair Existing Manhole	EA	11	\$1,700.00	\$18,700.00	Yes	
43	237110		Rehabilitate Existing Manhole	EA	26	\$1,700.00	\$44,200.00	Yes	
44	237110		Service Lateral Rehabilitation with Cleanout up to 7 ft in Depth	EA	142	\$1,700.00	\$241,400.00	Yes	
45	237110		Service Lateral Rehabilitation with Cleanout greater than 7 ft in Depth	EA	174	\$950.00	\$165,300.00	Yes	
46	541330		Traffic Control and Working Drawings	LS	1	\$4,516.00	\$4,516.00	Yes	
47	541330		WPCP Development	LS	1	\$700.00	\$700.00	Yes	
48	237310		WPCP Implementation	LS	1	\$5,000.00	\$5,000.00	Yes	

Line Item Subtotals

Section Title	Line Total
Main Bid	\$1,567,000.00
Grand Total	\$1,567,000.00



Statement of Qualifications

Nu-Line Technologies, LLC has been successfully protecting infrastructure utilities since January of 2015. Nu-Line Technologies, LLC was introduced to the local wastewater and storm water infrastructure with the City of San Diego in 2015. Prior to our name change in January of 2015, we successfully completed infrastructure projects with the City of San Diego and other local agencies as Burtech Pipeline Inc. since 2007. With a new focus on infrastructure rehabilitation in our immediate San Diego Market, Nu-Line Technologies, LLC was launched to focus strictly on infrastructure rehabilitation methodologies with the advancement of mainline Cured-In-Place lining as well as service lateral connections (UV Curing) and lateral lining rehabilitation.

Installation Experience

Our installation crews have a minimum 10 years of experience in the Cured in Place field and have successfully completed projects throughout the western United States. Our Field Superintendent, Jorge Beltran has overseen and completed smaller to large scale projects throughout the western region since 1999. We are a fully licensed and bonded General Engineering Contractor and have completed many projects as Nu-Line Technologies, LLC similar in size and scale in California and New Mexico. Nu-Line Cured In Place and Spiral Wound Crews have installed over 920,000 linear feet ranging from 6" to 60" diameters for both sanitary sewer and storm drain applications.

Industry Qualifications

- Licensed General Contractor in the State of California, License No. 997520 - A
- City of Los Angeles/Greenbook Approved materials for Cured In Place and UV Service Lateral Connections
- Confined Space Certified, First aid and CPR certified.
- Certified Installer of Cosmic UV Top Hats & Sectional Liner
- Certified Installer of Applied Felts CIPP liner materials.
- Certified Installer of Sekisui SPR Americas Spiral Wound Pipeline products.
- Certified Installer of MTC (Aegion) CIPP Liner Products.
- ISNetworld trained and certified

Nu-Line Technologies, LLC. and its employees are fully cognizant and comply with all Federal and State OSHA regulations regarding confined space entry and procedures.

Frank Durazo

A handwritten signature in blue ink, appearing to read "Frank Durazo", written over a white background.

Operations Manager — Nu-Line Technologies, LLC.



APPLIED FELTS

Applied Felts, Inc. 450 College Drive, Martinsville, Virginia 24112
Telephone (276) 656-1904 Fax: (276) 656-1909
office@appliedfelts.com

April 3, 2015

To Whom It May Concern:

This letter certifies that Applied Felts manufactured tubes meet the material requirements of ASTM F1216-09 (paragraph 5.1) and ASTM F 1743-08(section 6) as well as meet the minimum strength requirements of ASTM-D5813-04 (paragraph 6.1). All our materials and finished products are tested to ensure suitability to the application. Each liner is typically tested in 28 different ways and traceable test data is available for any particular liner.

Applied Felts has provided polymer coated felt tubes for use in Cured In Place Pipe (CIPP) lining for more than fifteen years, and supplied materials for the CIPP industry for more than twenty years. Over 75 million feet of our liner has been successfully installed in North America. Our liners are assembled in Martinsville, VA, using only components made in the USA.

Applied Felts is a registered ISO 9001:2008 company.
Nu-Line Technologies, LLC is a certified installer of Applied Felts lining products.

Sincerely,

A handwritten signature in black ink, appearing to read "W. Mark Sanders".

W. Mark Sanders
General Manager



FERRATEX
Professional Cured-In-Place wet out services built on 25 years of experience!

20520 Unico Road
McKenney, VA 23872
804.451.3667
www.FerraTex.com

LINER INSTALLATION LICENSE

Date: January 3, 2015

This is to certify that Nu-Line Technologies, LLC is a licensed CIPP installer of the FerraTex Liner. FerraTex is a subsidiary of Spiniello Companies and has 25 years' experience of liner manufacturing in the United States. FerraTex Liners are manufactured in accordance with the specifications of FerraTex and comply with the requirements of ASTM F1216. FerraTex liners are comprised of Felt and coated felt components from Applied Felts, Non-Woven Solutions, and Haartz Materials. Additionally the liner utilizes a resin from AOC or interplastics with a catalyst system from Akzo Nobel.

Gerhardt Rodenberger
Division Manager, CIPP



By Royal Charter

COPY

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

Applied Felts Inc.
450 College Drive
Martinsville
Virginia
24112
USA

Holds Certificate No:

FM 55735

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

Manufacture of textile products used in pipeline rehabilitation.

For and on behalf of BSI:

Pietro Foschi - Strategic Delivery Director

Originally registered: 08/15/2000

Latest Issue: 03/05/2015

Expiry Date: 05/31/2018



Page: 1 of 1

...making excellence a habit.™

Line Totals (Unit Price * Quantity)								
Item Num	Section	Item Code	Description	Reference	Unit of Measure	Quantity	Burtech Pipeline Incorporated - Unit Price	Burtech Pipeline Incorporated - Line Total
1	Main Bid	524126	Bonds (Payment and Performance)	1-7.2.1	LS	1	\$13,000.00	\$13,000.00
2	Main Bid	334290	Remote Control Camera Inspection (EOC Type II)	3-5.1.6	AL	1	\$20,000.00	\$20,000.00
3	Main Bid	237110	Sewage Bypass and Pumping Plan (Diversion Plan)	3-12.5.4	LS	1	\$2,500.00	\$2,500.00
4	Main Bid	541820	Exclusive Community Liaison Services	5-10.4	LS	1	\$5,000.00	\$5,000.00
5	Main Bid	541690	Suspension of Work - Resources	6-6.2.1.1 OR 6-6.2.2.1	DAY	5	\$10.00	\$50.00
6	Main Bid	237110	Mobilization	7-3.4.1	LS	1	\$13,600.00	\$13,600.00
7	Main Bid		Field Orders (EOC Type II)	7-3.9	AL	1	\$200,000.00	\$200,000.00
8	Main Bid	237310	Asphalt Pavement Repair	301-1.7	TON	15	\$100.00	\$1,500.00
9	Main Bid	237310	Subgrade Imported Backfill	301-1.7	TON	943	\$10.00	\$9,430.00
10	Main Bid	237310	Class 2 Aggregate Base	301-2.4	TON	674	\$10.00	\$6,740.00
11	Main Bid	237310	Rubber Polymer Modified Slurry (RPMS) Type I Over II	302-4.12.4	SF	15833	\$2.00	\$31,666.00
12	Main Bid	237310	Pavement Restoration Adjacent to Trench	302-5.2.1	SF	1000	\$1.00	\$1,000.00
13	Main Bid	237310	Crack Seal	302-15.5	LB	7	\$10.00	\$70.00
14	Main Bid	237310	Remove and Replace Existing Sidewalk	303-5.9	SF	375	\$30.00	\$11,250.00
15	Main Bid	237310	Additional Curb and Gutter Removal and Replacement	303-5.9	LF	60	\$15.00	\$900.00

16	Main Bid	237310	Additional Sidewalk Removal and Replacement	303-5.9	SF	125	\$20.00	\$2,500.00
17	Main Bid	237310	Cross Gutter	303-5.9	SF	796	\$30.00	\$23,880.00
18	Main Bid	237310	Residential Concrete Driveway	303-5.9	SF	385	\$30.00	\$11,550.00
19	Main Bid	237310	Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles	303-5.10.2	EA	4	\$6,500.00	\$26,000.00
20	Main Bid	237310	Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles with Spandrel	303-5.10.2	EA	1	\$7,500.00	\$7,500.00
21	Main Bid	237110	Additional Bedding	306-15.1	CY	14	\$1.00	\$14.00
22	Main Bid	237310	Temporary Resurfacing	306-15.9	TON	30	\$130.00	\$3,900.00
23	Main Bid	237110	Manhole (4 ft x 3 ft)	306-16.6	EA	1	\$12,000.00	\$12,000.00
24	Main Bid	237110	Connection to Existing Manhole and Rechanneling	306-16.6	EA	2	\$100.00	\$200.00
25	Main Bid	237110	Sewer Lateral and Cleanout (4 Inch, Street)	306-17.2	EA	10	\$2,000.00	\$20,000.00
26	Main Bid	237110	Sewer Lateral and Cleanout (6 Inch, Street)	306-17.2	EA	2	\$2,000.00	\$4,000.00
27	Main Bid	237110	Replace Existing Manhole In Place	306-16.6	EA	6	\$13,000.00	\$78,000.00
28	Main Bid	237110	Sewer Main Cleanout	306-17.2	EA	3	\$4,000.00	\$12,000.00
29	Main Bid	237110	Cleaning and Video Inspection of Existing Pipelines and Culverts	306-18.7	LF	11843	\$1.00	\$11,843.00
30	Main Bid	237110	Video Inspection of Pipelines and Culverts for Acceptance	306-18.7	LF	11843	\$1.00	\$11,843.00

31	Main Bid	237310	Removal and Replacement of Existing Paint Striping	314-4.3.7	LS	1	\$1,000.00	\$1,000.00
32	Main Bid	238990	Video Recording of Existing Conditions	400-1.1.1	LS	1	\$2,500.00	\$2,500.00
33	Main Bid	237110	Potholing Existing Utilities Not Shown on Plans (Depth Up to 7 ft)	402-8	EA	100	\$400.00	\$40,000.00
34	Main Bid	237310	Adjust Existing Survey Monument to Grade	403-5	EA	6	\$100.00	\$600.00
35	Main Bid	237110	Point Repair for Existing Sewer Main (10 Inch)	500-4.7	EA	4	\$500.00	\$2,000.00
36	Main Bid	237110	Point Repair for Existing Sewer Main (8 Inch)	500-4.7	EA	22	\$500.00	\$11,000.00
37	Main Bid	237110	Additional Point Repair for Existing Sewer Main (10 Inch)	500-4.7	LF	186	\$15.00	\$2,790.00
38	Main Bid	237110	Additional Point Repair for Existing Sewer Main (8 Inch)	500-4.7	LF	45	\$15.00	\$675.00
39	Main Bid	237110	Rehabilitate Sewer Main (8 Inch)	500-12	LF	10608	\$21.00	\$222,768.00
40	Main Bid	237110	Rehabilitate Sewer Main (10 Inch)	500-12	LF	1235	\$29.00	\$35,815.00
41	Main Bid	237110	Service Lateral Connection	501-9	EA	323	\$700.00	\$226,100.00
42	Main Bid	237110	Rehabilitate and Repair Existing Manhole	502-8	EA	11	\$1,700.00	\$18,700.00
43	Main Bid	237110	Rehabilitate Existing Manhole	502-8	EA	26	\$1,700.00	\$44,200.00
44	Main Bid	237110	Service Lateral Rehabilitation with Cleanout up to 7 ft in Depth	503-6	EA	142	\$1,700.00	\$241,400.00
45	Main Bid	237110	Service Lateral Rehabilitation with Cleanout greater than 7 ft in Depth	503-6	EA	174	\$950.00	\$165,300.00

46	Main Bid	541330	Traffic Control and Working Drawings	601-7	LS	1	\$4,516.00	\$4,516.00
47	Main Bid	541330	WPCP Development	1001-4.2	LS	1	\$700.00	\$700.00
48	Main Bid	237310	WPCP Implementation	1001-4.2	LS	1	\$5,000.00	\$5,000.00
							Subtotal	\$1,567,000.00
							Total	\$1,567,000.00