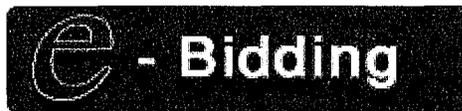


City of San Diego

CONTRACTOR'S NAME: Portillo Concrete Inc
ADDRESS: 3527 Citrus St., Lemon Grove, CA 91945
TELEPHONE NO.: 619-466-4639 FAX NO.: 619-466-4685
CITY CONTACT: Rosa Riego - Contract Specialist, Email: RRiego@sandiego.gov
Phone No. (619) 533-3426, Fax No. (619) 533-3633
R.Owen/RWBustamante/mlw

CONTRACT DOCUMENTS



FOR

AC Water & Sewer GJ 1014

ORIGINAL

BID NO.: K-16-1449-DBB-3
SAP NO. (WBS/IO/CC): B-15078 / B-15079
CLIENT DEPARTMENT: 2000
COUNCIL DISTRICT: 9
PROJECT TYPE: KB / JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

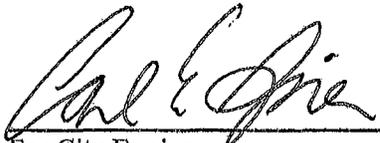
- PHASED-FUNDING
- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

BID DUE DATE:

**2:00 PM
APRIL 12, 2016
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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


For City Engineer

3-3-2016
Date

Seal



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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services. Water Work: Replacing in place 14,193 linear feet of old existing water mains, including fire hydrants and water services. Sewer Work: Replacing and repairing 421 linear feet of old existing sewer mains, manholes, and sewer services. For additional information refer to Attachment A.
 2. **FULL AND OPEN COMPETITION:** This contract is open to full competition and may be bid on by Contractors who are on the City's current 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 **\$3,610,000**.
 4. **BID DUE DATE AND TIME ARE:** **APRIL 12, 2016 at 2:00 PM.**
 5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
 6. **LICENSE REQUIREMENT:** The City has determined that the following licensing classifications are required for this contract: A or C34
 7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** 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 **7.7%**
 2. ELBE participation **14.6%**
 3. Total mandatory participation **22.3%**
- 7.1. The Bid may be declared **non-responsive** if the Bidder fails the following mandatory conditions:
- 7.1.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; **OR**
 - 7.1.2. Bidder's submission of Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within **3 Working Days** of the Bid opening if the overall mandatory participation percentage is not met.

7.1.3. GFE documentation is to be sent to the attention of the Contract Specialist and address noted on the front of this solicitation.

8. PRE-BID MEETING:

8.1. Prospective Bidders are encouraged to attend the Pre-Bid Meeting. The purpose of the meeting is to discuss the scope of the Project, submittal requirements, the pre-qualification process and any Equal Opportunity Contracting Program requirements and reporting procedures. To request a sign language or oral interpreter for this visit, call the Public Works Contracts Division at (619) 533-3450 at least 5 Working Days prior to the meeting to ensure availability. The Pre-Bid meeting is scheduled as follows:

Date: MARCH 24, 2016
Time: 10:00 AM
Location: 1010 Second Avenue, Suite 1400, San Diego, CA 92101

Attendance at the Pre-Submittal Meeting will be evidenced by the Bidder's representative's signature on the attendance roster. It is the responsibility of the Bidder's representative to complete and sign the attendance roster.

9. AWARD PROCESS:

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

9.2. Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening. The City will then award the Contract within approximately 14 days of receipt of properly signed Contract, bonds, and insurance documents.

9.3. This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.

9.4. The low Bid will be determined by Base Bid alone.

9.5. Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base bid alone.

10. SUBMISSION OF QUESTIONS:

10.1. The Director (or designee), of the Public Works 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. All questions related to this solicitation shall be submitted to:

Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: Rosa Riego

OR:

RRiego@sandiego.gov

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

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. Complete information and links to the on-line prequalification application are available at:

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

- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.
- 1.3. Due to the City's fiduciary requirement to safeguard vendor data, 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 PlanetBidsTM.

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 an electronic bid.
- 2.2. The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.
- 2.3. The City's electronic bidding system is responsible for bid tabulations. Upon the bidder's or proposer's entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 2.4. BIDS REMAIN SEALED UNTIL BID DEADLINE. eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using

SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the "Bid Due Date and Time" are not available for review by anyone other than the submitter which 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 Public Works Contract Specialist listed in 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 (90 days for federally funded contracts and contracts valued at \$500,000 or less) 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.shtml>.
- 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 10 Working Days after receiving the Contract forms. See 2-1.1.2, “Joint Venture Contractors” in The WHITEBOOK for details.
7. **PREVAILING WAGE RATES WILL APPLY:** Refer to Attachment D.
8. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract. Refer to Attachment E.
9. **INSURANCE REQUIREMENTS:**
- 9.1. 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.

9.2. Refer to sections 7-3, "LIABILITY INSURANCE", and 7-4, "WORKERS' COMPENSATION INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

10. **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")	2012	PITS070112-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")*	2012	PITS070112-02
City of San Diego Standard Drawings*	2012	PITS070112-03
Caltrans Standard Specifications	2010	PITS070112-04
Caltrans Standard Plans	2010	PITS070112-05
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use (when specified)*	Varies	Varies
Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84	1984	769023
NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml		

11. **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 addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.

12. **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.

13. **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.

14. SUBCONTRACTOR INFORMATION:

14.1. **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 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 - General; Paragraph 2-3 Subcontracts, 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.

14.2. **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)** 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.

14.3. **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.

15. SUBMITTAL OF "OR EQUAL" ITEMS: See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.

16. AWARD PROCESS:

- 16.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
- 16.2. 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.
- 16.3. 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.
17. **SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" 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.
18. **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 Public Works Contracts.
19. **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.
20. **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.
21. **BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY):**
 - 21.1. 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.
 - 21.2. 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.

- 21.3. 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.
- 21.4. 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. Within twenty-four (24) hours after the bid due date and time, the first five (5) apparent low bidders must provide the City with the original bid security.
- 21.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original within twenty-four (24) hours may cause the bid to be rejected and deemed **non-responsive**.

22. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 22.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 22.2. Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 22.3. 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.
- 22.4. 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.
- 22.5. 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.
- 22.6. 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.
- 22.7. 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.
- 22.8. 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.

23. BID RESULTS:

- 23.1. 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.
- 23.2. 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.

24. THE CONTRACT:

- 24.1. 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.
- 24.2. 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.
- 24.3. 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.
- 24.4. 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.
- 24.5. 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 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.

- 25. 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 2-7, 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.
- 26. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 26.1. The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
 - 26.2. The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
 - 26.3. The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
 - 26.4. The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
 - 26.5. 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.
 - 26.6. The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
 - 26.7. The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.
- 27. PRE-AWARD ACTIVITIES:**
- 27.1. The contractor selected by the City to execute a contract for this Work shall submit the required documentation as specified in the herein and in the Notice of Award. Failure to provide the information as specified may result in the Bid being rejected as **non-responsive**.
 - 27.2. 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:

Portillo Concrete, Inc., a corporation, as principal, and
The Ohio Casualty 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 FOUR MILLION
SEVEN HUNDRED AND EIGHTEEN THOUSAND SEVEN HUNDRED SEVENTY THREE
DOLLARS AND ZERO CENTS (\$4,718,773.00) for the faithful performance of the annexed contract,
and in the sum of FOUR MILLION SEVEN HUNDRED AND EIGHTEEN THOUSAND SEVEN
HUNDRED SEVENTY THREE DOLLARS AND ZERO CENTS (\$4,718,773.00) for the benefit of
laborers and materialmen designated below.

Conditions:

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

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

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

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

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

(continued)

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

Dated May 11, 2016

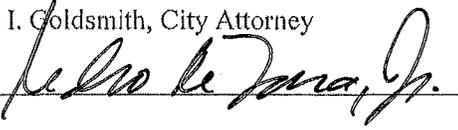
Approved as to Form

Portillo Concrete, Inc.

By  Principal

Mario Portillo, President

Printed Name of Person Signing for Principal

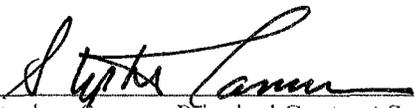
Jan I. Goldsmith, City Attorney
By 
Deputy City Attorney

The Ohio Casualty Insurance Company

By  Surety
Cyndi Beilman
Attorney-in-fact

Approved:

9325 Skypark Court, Ste. 200

By 
Stephen Samara, Principal Contract Specialist
Public Works Department

San Diego, CA 92123
Local Address of Surety

Local Address (City, State) of Surety

858-255-3988

Local Telephone No. of Surety

Premium \$ 39,910.00

Bond No. 024062012

CALIFORNIA ALL-PURPOSE 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 May 11, 2016 before me, Dana L. Michaelis, Notary Public,
Date Insert Name of Notary exactly as it appears on the official seal

personally appeared Cyndi Beilman

Name(s) of Signer(s)

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

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

Witness my hand and official seal.

Signature

Signature of Notary Public Dana L. Michaelis



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another 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: _____

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

**RIGHT THUMBPRINT
OF SIGNER**

Top of thumb here

Signer is Representing: _____

Signer's Name: _____

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

**RIGHT THUMBPRINT
OF SIGNER**

Top of thumb here

Signer is Representing: _____

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

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

Certificate No. 7311247

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Anne Wright; Cyndi Beilman; Dana Michaelis

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

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 4th day of April, 2016.



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

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 4th day of April, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

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

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

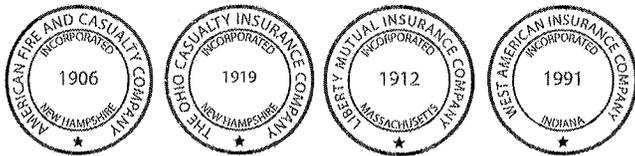
ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 11th day of May, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

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

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** Water Work: Replacing in place 14,193 linear feet of old existing water mains, including fire hydrants and water services. Sewer Work: Replacing and repairing 421 linear feet of old existing sewer mains, manholes, and sewer services.

This contract does not include standard plans for construction. Appendix K, AC Water & Sewer GJ 1014 "Exhibit Plans" contain details for the work to be done. The work will include as-built research of existing utilities and verification of existing conditions including the installation of curb ramps, and street resurfacing and all other incidental work and appurtenances in accordance with these specifications. For street resurfacing see Appendix K Street Resurfacing sheet 26. For curb ramp and pedestrian barricade installations refer to Appendix K Curb Ramp sheet 27. For street striping refer to Curb Ramp sheet 27 and Miscellaneous sheet 30. Appendix K – AC Water & Sewer GJ 1014 Exhibit Plans are not engineering plans and are for reference only. All work shall be coordinated with the Resident Engineer.

1.1. The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Bids inclusive.

2. **CONSTRUCTION COST:** The City's estimated construction cost for this contract is **\$3,610,000.00.**

3. **LOCATION OF WORK: The location of the work is as follows:**

See Appendix E Location Map.

4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **340 Working Days.**

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PHASED FUNDING:

- 1.1. For phased funded contracts, the City typically secures enough funds for the first 90 days of the contract prior to award. Within 10 Working Days after Bid opening date the Apparent Low Bidder must contact the Project Manager to discuss fund availability and the duration of the first phase and submit the Pre-Award Schedule to the City for approval and preparation of the first Phased Funding Schedule Agreement.
- 1.2. The Apparent Low Bidder will be required to provide a Pre-award Schedule in accordance with 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK" and 9-3, "PAYMENT" prior to award of Contract.
- 1.3. If the Bid submitted by the Apparent Low Bidder is rejected by the City for any reason, then within 5 Working Days after receiving notice, the next Apparent Low Bidder must provide the Pre-Award Schedule. This process will continue until the City has selected the Apparent Low Bidder or have decided to reject all Bids.
- 1.4. The first Phased Funding Schedule Agreement must show the fund availability for the first phase. Within 22 Working Days from the date of the Bid Opening or notice to the next Apparent Low Bidder (whichever occurs last) and once a Pre-Award Schedule is accepted by the City, the City will present the first Phased Funding Schedule Agreement to you when you are selected as the Apparent Low Bidder as defined in the City's Municipal Code, §22.3003.
- 1.5. At the City's request, you must meet with the City's project manager before execution of the first Phased Funding Schedule Agreement to discuss his or her comments and requests for revision to the Pre-Award Schedule.
- 1.6. Your failure to perform the following may result in the Bid being rejected as **non-responsive**:
 1. meet with the City's project manager, if requested to do so, to discuss and respond to the City's comments regarding the Pre-Award Schedule,
 2. revise the Pre-Award Schedule as requested by the City within the specified 22 Working Days timeframe, or
 3. execute the first Phased Funding Schedule Agreement within a day after receipt.

PHASED FUNDING SCHEDULE AGREEMENT

Check one:

- First Phased Funding Schedule Agreement
- Final Phased Funding Schedule Agreement

NOTE: THIS IS A SAMPLE PHASED FUNDING SCHEDULE AGREEMENT FORM. Particulars left blank in this sample, the total number of phases, and the amounts assigned to each phase will be filled with funding specific information as the result of the Pre-Award Schedule, and subsequent Schedules, required by these Bid Documents and approved by the City.

BID NUMBER: K-16-1449-DBB-3

CONTRACT TITLE: AC Water & Sewer GJ 1014

CONTRACTOR: Portillo Concrete Inc.

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1	Bonds, Mobilization	NTP	08/28/16	\$50,000 (W) \$10,000 (S)
2	Potholing, Sewer Main -Pipe Bursting, Water Mains, Valves, and services	08/30/16	08/30/17	\$2,284,386(W) \$90,000 (S)
3	Potholing, Water Mains, Valves, and services. Ped. Ramps and Resurfacing	08/31/17	08/30/18	\$2,284,387(W)
Total				\$4,718,773

Notes:

- (1) City Supplement 9-3.6, "PHASED FUNDING COMPENSATION" applies.
- (2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- (3) This PHASED FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by a written modification to the CONTRACT.

CITY OF SAN DIEGO

By: *Matthew DeBeliso*
Name: MATTHEW DEBELISO
Project Manager

CONTRACTOR

By: *Mario Portillo*
Name: Mario Portillo Prec/CEO 5/20/16

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM REQUIREMENTS

1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE each in its entirety, and SUBSTITUTE with the following:

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

1. The Contractor, Subcontractors and Suppliers shall comply with requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

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

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. Disclosure of Discrimination Complaints. As part of its Bid or Proposal, 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 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.
3. Upon the City's request, the Contractor agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that the Contractor has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by the Contractor for each subcontract or supply contract.
4. The Contractor further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance, Municipal Code §§22.3501 through 22.3517. The Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against the Contractor up to and including contract termination, debarment and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Contractor further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination in Contracting Ordinance apply only to violations of the Ordinance.

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

The Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Prime Contractor shall ensure their subcontractors comply with this program. Nothing in this section shall be interpreted to hold a prime contractor liable for any discriminatory practice of its subcontractors.

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05), within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.
3. If a Work Force Report is submitted, and the City determines there are under-representations when compared to County Labor Force Availability data, the selected Bidder shall submit an Equal Employment Opportunity Plan.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 1. The Contractor shall maintain a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work.
 2. The Contractor reviews its EEO Policy, at least annually, with all on-site supervisors involved in employment decisions.
 3. The Contractor disseminates and reviews its EEO Policy with all employees at least once a year, posts the policy statement and EEO posters on all company bulletin boards and job sites, and documents every dissemination, review and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
 4. The Contractor reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
 5. The Contractor discusses its EEO Policy Statement with subcontractors with whom it anticipates doing business, includes the EEO Policy Statement in its subcontracts, and provides such documentation to the City upon request.

6. The Contractor documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations.
7. The Contractor disseminates its EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit, maintains files documenting these efforts, and provides copies of these advertisements to the City upon request.
8. The Contractor disseminates its EEO Policy to union and community organizations.
9. The Contractor provides immediate written notification to the City when any union referral process has impeded the Contractor's efforts to maintain its EEO Policy.
10. The Contractor maintains a current list of recruitment sources, including those outreaching to people of color and women, and provides written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
11. The Contractor maintains a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
12. The Contractor encourages all present employees, including people of color and women employees, to recruit others.
13. The Contractor maintains all employment selection process information with records of all tests and other selection criteria.
14. The Contractor develops and maintains documentation for on-the-job training opportunities, participates in training programs, or both for all of its employees, including people of color and women, and establishes apprenticeship, trainee, and upgrade programs relevant to the Contractor's employment needs.
15. The Contractor conducts, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourages all employees to seek and prepare appropriately for such opportunities.
16. The Contractor ensures the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.

ATTACHMENT D
PREVAILING WAGES

PREVAILING WAGES

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.
 - 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.** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall 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 design professionals 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 Equal Opportunity Contracting Department at 619-236-6000.
- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be

listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 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 DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

- 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.

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

- 1) Standard Specifications for Public Works Construction (The GREENBOOK) currently in effect.
 - 2) The City of San Diego Standard Specifications for Public Works Construction (The WHITEBOOK).
-

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

1-2 TERMS AND DEFINITIONS.

Normal Working Hours. To the City Supplement, ADD the following:

The Normal Working Hours are 8:00 AM to 5:00 PM.

SECTION 2 - SCOPE AND CONTROL OF WORK

2-3.2 Self Performance. DELETE in its entirety and SUBSTITUTE with the following:

1. You must perform, with your own organization, Contract work amounting to at least 50% of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.

2-5.3.1 General. To the City Supplement, ADD the following

7. For products for which an AML is available, products listed in the AML shall be used. A submittal review will be conducted for products not identified on an AML on a case-by-case basis when:
 - a) The product type or category is not in the AML.
 - b) The AML does not list at least two available manufacturers of the product.
 - c) The material or manufacturer listed in the AML is no longer available. Documentation to substantiate the product is no longer available or in production is required as part of the submittal.

In the case of conducting a submittal review when required by the Plans or Special Provisions, or when requested by the Engineer, all submittals shall be accompanied by the City's submittal form.

The Product Submittal Form is available for download at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

2-5.3.2 Working Drawings. TABLE 2-5.3.2(A), ADD the following:

Item	Section No.	Title	Subject
17	306-1.6	Water Valve Bypass for Mainlines 16" and Larger	SDW-154*

* Note: The distance dimensions shown between the bypass pipes and the mainlines are subject to change to field conditions.

2-9.1 Permanent Survey Markers. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

1. Pursuant to Division 3, Chapter 15 of the Business and Professions Code, you shall not disturb survey monuments that "control the location of subdivisions, tracts, boundaries, roads, streets, or highways, or provide horizontal or vertical survey control" until they have been tied out by a Registered Land Surveyor or Registered Civil Engineer authorized to practice land surveying within the State of California.
2. Monument Preservation shall be performed by the City's Construction Management and Field Services (CMFS) Division on all Projects, unless permission is obtained for these services in writing by CMFS.
3. You shall submit to the Engineer a minimum of 7 Days prior to the start of the Work a list of controlling survey monuments which may be disturbed. CMFS shall do the following:
 - a) Set survey points outside the affected Work area that reference and locate each controlling survey monument that may be disturbed.
 - b) File a Corner Record or Record of Survey with the County Surveyor after setting the survey points to be used for re-establishment of the disturbed controlling survey monuments.
 - c) File a Corner Record of Record of Survey with the County Surveyor after re-establishment of the disturbed controlling survey monuments.

2-14.3 Coordination. To the City Supplement, ADD the following:

1. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of City Heights. See Appendix "F" for approximate location. Coordinate the Work with the adjacent projects as listed below:
 - a) Water GJ 963, PM. Laila Nasrawi, Wk.Ph. (858)614-5757.
 - b) UG Systems Residential Blk 3HH, PM. Mario Reyes, Wk.Ph. (619)533-7426.

- c) Otay 1st Pipeline University Heights, PM Brian Vitelle, Wk.Ph. (619)533-7413.
- d) Sewer & Water GJ 834. PM. Casey Crown, Wk. Ph. (619)533-5485.

SECTION 4 - CONTROL OF MATERIALS

4-1.3.6 Preapproved Materials. To the City Supplement, 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.

4-1.6 Trade Names or Equals. ADD the following:

You must submit your list of proposed substitutions for “an equal” (“or equal”) item(s) **no later than 5 Working Days after the determination of the Apparent Low Bidder** and on the City’s Product Submittal Form available at.

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

4-1.10 Foreign Materials. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

- 1. Materials that are manufactured, produced, or fabricated outside of the United States shall be delivered to a distribution point in California, unless otherwise specified. Quality Control and related testing shall be performed to all applicable specified US standards. Manufacturer’s testing and staff certification shall be traceable to a United States regulatory agency. Retain the materials for a sufficient period of time to permit inspection, sampling, and testing. You shall not be entitled to an extension of time for acts or events occurring outside of, at point of entry, or during transport to the United States.

SECTION 5 – UTILITIES

5-2 PROTECTION. ADD the following:

- 1. You shall repair or replace traffic signal and lighting system equipment within 72 hours after notification of defects by the Engineer.
- 2. While working in or around meter boxes, you shall protect in place all Advanced Metering Infrastructure (AMI) devices attached to the water meter or located in or near water meter boxes, coffins, or vaults. This includes any antenna installed through the meter box lid.
 - a) Avoid damaging the antenna, cable, and endpoints when removing the meter box lid and when disconnecting AMI endpoints from the register on top of the water meter.
 - b) If meters or AMI devices need to be removed or relocated, the AMI endpoints shall be reinstalled with the Encoder/Receiver/Transmitter (ERT) pointing upwards.

- c) Because the AMI equipment is uniquely matched to each service location and to specific meter serial numbers, any AMI devices that are removed or disconnected shall be reinstalled on the same service lateral as well as to the same meter serial number it was attached to originally.
- d) Do not change or modify the lid if the lid has an antenna drilled through it.
- e) If you encounter damaged, disconnected, buried, or broken AMI endpoints, cables between the registers, antennae, lids, or ERTs, notify the Engineer within 24 hours.
- f) Any AMI equipment damaged by you shall be repaired or replaced by City Forces at your expense.

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

6-7.1 General. To the City Supplement, ADD the following:

- 5. For Water projects where shutdowns of 16 inch and larger pipes are required, there is a shutdown moratorium from May until October. Contractor shall plan and schedule work accordingly. No additional payment or working days will be granted for delays due to this moratorium.
- 6. 30 Working days for full depth asphalt final mill and resurfacing work required per SDG-107.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-3 LIABILITY INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

The insurance provisions herein must not be construed to limit your indemnity obligations contained in the Contract.

7-3.1 Policies and Procedures.

- 1. You must 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 must 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. Payment for insurance is included in the various items of Work as bid by you, and 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 must 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.

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

1. Commercial General Liability Insurance must 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 must 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 must be no endorsement or modification limiting the scope of coverage for either “insured vs. insured” claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense must be outside the policy limits. Policy coverage must 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

7-3.2.2 Commercial Automobile Liability Insurance.

1. You must 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 must be outside the limits of the policy.

7-3.2.3

Contractors Pollution Liability Insurance.

1. You must procure and maintain at your expense or require Subcontractor, as described below to procure and maintain, the Contractors Pollution Liability Insurance including contractual liability coverage to cover liability arising out of cleanup, removal, storage, or handling of hazardous or toxic chemicals, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit for bodily injury and property damage.
2. All costs of defense must be outside the limits of the policy. Any such insurance provided by Subcontractor instead of you must be approved separately in writing by the City.
3. For approval of a substitution of Subcontractor's insurance, you must certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible must not exceed \$25,000 per claim.
4. Contractual liability must include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There must be no endorsement or modification of the coverage limiting the scope of coverage for either "insured vs. insured" claims or contractual liability.
5. Occurrence based policies must be procured before the Work commences and must be maintained for the Contract Time. Claims Made policies must be procured before the Work commences, must be maintained for the Contract Time, and must include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies must continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
6. Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 days prior written notice (10 days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

7-3.3

Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this contract as described herein must 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.

7-3.3.1

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 must be subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

7-3.4 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 must 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.

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance.

7-3.5.1.1 Additional Insured.

- a) You must 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.
- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
- c) The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more must 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.
- d) The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 must 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.

7-3.5.1.2 Primary and Non-Contributory Coverage. The policy must 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 must provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.1.3 Project General Aggregate Limit. The policy or policies must 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 must reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

7-3.5.2.1 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 must 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.

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

- a) The policy or policies must be endorsed to include as an Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you; except that in connection with, collateral to, or affecting any construction contract to which the provisions of subdivision (b) of § 2782 of the California Civil Code apply, this endorsement must not provide any duty of indemnity coverage for the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives in any case where an agreement to indemnify the City and its respective elected officials, officers, employees, agents, and representatives would be invalid under subdivision (b) of §2782 of the California Civil Code.
- b) In any case where a claim or loss encompasses the negligence of the Insured and the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives that is not covered because of California Insurance Code §11580.04, the insurer's obligation to the City and its respective elected officials, officers, employees, agents, and representatives must be limited to obligations permitted by California Insurance Code §11580.04.

7-3.5.3.2 Primary and Non-Contributory Coverage. The policy or policies must be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies must provide that your insurance must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability and must provide cross-liability coverage.

7-3.6 Deductibles and Self-Insured Retentions. You must pay for all deductibles and self-insured retentions. You must disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.

7-3.7 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.

7-3.8 Notice of Changes to Insurance. You must notify the City 30 days prior to any material change to the policies of insurance provided under this contract.

7-3.9 Excess Insurance. Policies providing excess coverage must follow the form of the primary policy or policies e.g., all endorsements.

7-3.10 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).

1. For contracts with required engineering services (e.g., Design-Build, preparation of engineered Traffic Control Plans (TCP), etc. by the Contractor) for all of your employees or Subcontractors who provide professional engineering services under this contract, you must keep or must require its Subcontractor keep in full force and effect, Professional Liability coverage with a limit of **\$1,000,000** per claim and **\$2,000,000** annual aggregate.
2. You must ensure both that: (a) the policy retroactive date is on or before the date of commencement of the Project; and (b) the policy will be maintained in force for a period of 3 years after completion of the Project or termination of this contract whichever occurs last. You agree that for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
3. If professional engineering services are to be provided solely by the Subcontractor, you must (a) certify this to the City in writing and (b) agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth above.

7-4 WORKERS' COMPENSATION INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

7-4.1 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of §3700 of the California Labor Code, you must 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 must 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 require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you must comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

7-4.1.1 Waiver of Subrogation. The policy or policies must 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.

7-8.6 Water Pollution Control. ADD the following:

1. Based on a preliminary assessment by the City, the Contract is subject to WPCP.

7-10.2.2.3 Engineered Traffic Control Plans Provided by the Contractor. To the City Supplement, ADD the following:

Engineered "D" size TCP are required for the following areas:

1. All public streets. See Appendix K AC Water & Sewer Exhibit Plans.

7-10.5.3 Steel Plate Covers. Table 7-10.5.3(A), REVISE the plate thickness for 5'-3" trench width to read 1 3/4".

7-15 INDEMNIFICATION AND HOLD HARMLESS AGREEMENT. To the City Supplement, fourth paragraph, last sentence, DELETE in its entirety and SUBSTITUTE with the following:

Your duty to indemnify and hold harmless does not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its officers, or employees.

7-16 COMMUNITY LIAISON. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

ADD:

7-16 COMMUNITY OUTREACH.

7-16.1 General.

1. To ensure consistency with the City's community outreach plan for the project, the City shall work with you to inform the public (which includes, but shall not be limited to, property owners, renters, homeowners, business owners, recreational users, and other community members and stakeholders) of construction impacts. Your efforts to mitigate construction impacts by communicating with the public require close coordination and cooperation with the City.

2. You shall perform the community outreach activities required throughout the Contract Time. You shall assign a staff member who shall perform the required community outreach services.
3. You shall closely coordinate the Work with the businesses, institutions, residents, and property owners impacted by the Project.
4. Your example duties include notifying businesses, institutions, and residents of the commencement of construction activities not less than 5 Days in advance, coordinating access for vehicular and pedestrian traffic to businesses, institutions, and residences impacted by the Project, reporting activities at all Project progress meetings scheduled by the Engineer, attending the Project Pre-construction meeting, attending 2 community meetings, responding to community questions and complaints related to your activities, and documenting, in writing, as well as logging in all inquiries and complaints received into the City's internal public contact tracking system.
5. You shall execute the Information Security Policy (ISP) Acknowledgement Form - For Non-City Employees within 15 Days of the award of the Contract if any of the following apply:
 - a) Your contact information is made available on any outreach materials.
 - b) You will be the primary point of contact to resolve project related inquiries and complaints.
6. Electronic Communication.
 - a) All inquiries and complaints shall be logged in to the City's internal public contact tracking system within 24 hours of receipt of inquiries and complaints.
 - b) Any updates or a resolution of inquiries and complaints shall be documented in the City's internal public contact tracking system within 24 hours.
 - c) Copies of email communications shall be saved individually on to the City's internal public contact tracking system in an Outlook Message Format (*.msg).
 - d) All graphics, photos, and other electronic files associated with inquiries and/or complaints shall be saved into the individual records, located within the City's internal public contact tracking system.

7-16.1.1 Quality Assurance.

1. During the course of community outreach, you shall ensure that the character of all persons that conduct community outreach (distributing door hangers, attending community meetings, interacting with the public, and etc.) on your behalf shall:
 - a. Have the ability to speak and comprehend English and/or Spanish, as appropriate for the community or public they are informing.

- b. Possess and display easily verifiable and readable personal identification that identifies the person as your employee.
- c. Have the interpersonal skills to effectively, professionally, and tactfully represent you, the project, and the City to the public.

7-16.1.2 Submittals.

1. You shall submit to the Resident Engineer, for review and approval, all drafts of letters, notices, postcards, door hangers, signs, mailing lists, proposed addresses for hand-delivery, and any other notices and letters that are to be mailed and or distributed to the public.
 - a. Prior to distributing or mailing, you shall submit final drafts of letters, notices, postcards, door hangers, signs, and any other notices and letters to the Resident Engineer for final review and approval. Submit a PDF copy of the approved door hangers to the Engineer.
 - b. After distributing or mailing, you shall submit verification of delivery and any copies of returned notices to the Resident Engineer. Submit a PDF copy of the approved letters and notices to the Engineer.
2. You shall use the City’s internal public contact tracking system to identify and summarize communications (via phone, in person, and email) with the public within 24 hours of receipt, even if your response to the individual is still incomplete. You shall upload to the City’s internal public contact tracking system copies of all written, electronic, and verbal communications and conversations with the public.

7-16.2 Community Outreach Services.

7-16.2.1 Public Notice by Contractor.

1. Post Project Identification Signs in accordance with 7-10.6.2, “Project Identification Sign”.
2. Notify businesses, institutions, property owners, residents or any other impacted stakeholders, within a minimum 300 feet (90 m) radius of the Project, of construction activities and utility service interruptions not less than 5 Days in advance.
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 5 Days before starting construction or survey activities or impacting the community as approved by the Resident Engineer.
 - b. Within 5 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. No less than 48 hours in advance and no more than 72 hours in advance of the scheduled resurfacing.
4. Leave the door hanger notices on or at the front door of each dwelling and apartment unit and at each tenant of commercial buildings abutting each of

the street block segments. Where the front doors of apartment units are inaccessible, distribute the door hanger notices to the apartment manager or security officer.

5. Door Hanger Material: You shall use Blanks/USA brand, Item Number DHJ5B6WH, 1¼ inch (31.8 mm) Holes (removed), 2-up Jumbo Door Hanger in Bristol White, or approved equal.
6. Mailed Notice Material: You shall use Cougar by Domtar, Item Number 2834, or approved equal.
7. For all Work on private property, contact each owner and occupant individually a minimum of 15 Days prior to the Work. If the Work has been delayed, re-notify owners and occupants of the new Work schedule, as directed by the Resident Engineer.
8. A sample of public notices is included in the Contract Appendix.

7-16.2.2 Communications with the Public.

1. Coordinate access for vehicular and pedestrian traffic to businesses, institutions, and residences impacted by the Project.
2. You shall provide updates on construction impacts to the Resident Engineer. You shall notify the Resident Engineer in advance about time-sensitive construction impacts and may be required to distribute construction impact notices to the public on short notice.
3. You shall incorporate community outreach activities related to construction impacts in the baseline schedule and update the Resident Engineer with each week's submittal of the Three-Week Look Ahead Schedule.
4. At the request of the Resident Engineer, you shall attend and participate in project briefings at community meetings.
5. You shall coordinate with the Resident Engineer on all responses and actions taken to address public inquiries and complaints within the 24 hours that they are received.

7-16.2.3 Communications with Media.

1. The City may allow members of the media access to its construction site(s) on a case-by-case basis only.
2. Occasionally, uninvited members of the media may show up at construction Sites. Members of the media (including, but not limited to newspapers, magazines, radios, television, bloggers, and videographers) do not have the legal right to be in the construction Site without the City's permission.
3. In the event that media representatives arrive near or on the construction Site(s), you shall keep them off the Site(s) in a courteous and professional manner until a Public Information Officer is available to meet them at an approved location.
4. You shall report all visits from members of the media to the Resident Engineer as quickly as possible so that the City's Public Information Officer can meet with the members of the media at the construction Site(s).

5. If the City allows members of the media to access a construction Site, you shall allow the City to escort the media representatives while they are on the construction Site and shall ensure their safety.
6. You shall require media representatives to sign in and out of the Site Visitor Log and to use personal protective equipment.
7. You have a right to speak to members of the media about your company and its role on the project. All other questions shall be referred to the City.

7-16.4 Payment.

1. The payment for the community outreach services shall be included in the Contract Price.

7-20 ELECTRONIC COMMUNICATION. ADD the following:

1. Virtual Project Manager will be used on this contract.

SECTION 9 - MEASUREMENT AND PAYMENT

9-3.2.5 Withholding of Payment. To the City Supplement, item i), DELETE in its entirety and SUBSTITUTE with the following:

- i) Your failure to comply with 7-2.3, "PAYROLL RECORDS" and 2-16, "CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM."

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. To the City Supplement, subsection c), item 2, DELETE in its entirety and SUBSTITUTE with the following:

- 2) In the event of an overrun of Contract time, adjustment in compensation for asphalt binder included in estimates during the overrun period shall be determined using the California Statewide Crude Oil Price Index in effect on the first business day of the month within the pay period in which the overrun began.

ADD the following:

- e) This Contract subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

SECTION 203 – BITUMINOUS MATERIALS

203-15 RUBBER POLYMER MODIFIED SLURRY (RPMS). To the City Supplement, CORRECT section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
203-15	RUBBER POLYMER MODIFIED SLURRY (RPMS)	203-16
203-15.1	General	203-16.1
203-15.2	Materials	203-16.2
203-15.3	Composition and Grading	203-16.3
203-15.4	Mix Design	203-16.4

ADD the following:

RPMS shall be used on this contract.

SECTION 207 – PIPE

207-9.2.3 Fittings. To the City Supplement, ADD the following:

8. Flange gaskets shall be 3.2mm (1/8") thick acrylic or aramid fibers bound with nitrile for all sizes of pipe. Gaskets shall be full-face type with pre-punched holes free of asbestos material. All insulating flange kits require full face gaskets.

207-9.2.4 Lining and Coating. To the City Supplement, Item 4, DELETE in its entirety and SUBSTITUTE with the following:

4. The fitting shall be lined with cement mortar and tar (seal) in accordance with AWWA C104/A21.4. The Contractor shall provide double thickness lining and shall use cement conforming to ASTM C150 Type II. Coating on Interior bells shall be holiday free.

207-9.2.6 Polyethylene Encasement for External Corrosion Protection. To the City Supplement, DELETE in its entirety and ADD the following:

When soils have been determined to be mildly corrosive through resistivity testing as specified in the City of San Diego Sewer and Water Design Guides, The outside surfaces of ductile iron pipe and fittings for general use shall be coated with bituminous coating 1 mil (25um) thick in accordance with AWWA C151 or AWWA C110. Polyethylene encasement shall be provided in accordance with AWWA C105.

207-17.2.3 Pipe Manufacturer. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

PVC products, C900 and C905, as manufactured or distributed by J-M Manufacturing Company or JM Eagle shall not be used on the Contract for pressurized pipe.

207-26.4 Butterfly Valves. To the City Supplement, Paragraph (2), DELETE the last sentence.

To the City Supplement, Paragraph (3), DELETE in its entirety and SUBSTITUTE with the following:

3. The operator shall be manual with a 2” (50 mm) square operating nut, and shall open the valve when turned counterclockwise.

SECTION 209 – STREET LIGHTING AND TRAFFIC SIGNAL MATERIALS

209-6.4 Induction Cobra Head Luminaire. To the City Supplement, CORRECT certain section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
209-6.4.7	Luminaire Identification	209-6.4.8
209-6.4.8	Photometric Documentation	209-6.4.9
209-6.4.9	Quality Assurance	209-6.4.10

SECTION 212 - LANDSCAPE AND IRRIGATION MATERIALS

212-3.2.2.3 Trench Marker Tape. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

SEE City of San Diego Standard Drawing SDM-105, “Warning/Identification Tape Installation”.

SECTION 300 – EARTHWORK

300-1.4 Payment. To the City Supplement, paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

2. Payment for existing pavement removal and disposal of up to 12” thick, within the excavation e.g., trench limits, shall be included in the Bid item for installation of the mains or the Work item that requires pavement removal.

SECTION 302 – ROADWAY SURFACING

302-3 PREPARATORY REPAIR WORK. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

302-3 PREPARATORY REPAIR WORK.

1. Prior to roadway resurfacing or the application of slurry, the Contractor shall complete all necessary preparation and repair work to the road segment e.g.,

tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc. and as specified in the Special Provisions.

2. Preparatory work shall include, but not be limited to, tree trimming, weed spray, weed abatement, crack sealing, asphalt repair i.e., mill and pave, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc.
3. The Contractor shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2” for Residential streets, and a minimum depth of 3” for all others to expose firm and unyielding pavement. The Contractor shall prepare subgrade as needed and install a minimum of 2” for residential streets, and a minimum of 3” for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
4. If, in order to achieve the minimum specified depth, the base material is exposed, the material shall be compacted to 95% relative compaction to a depth 10” below the finished grade (dig out). Compaction tests shall be made to ensure compliance with the specifications. The Engineer will determine when and where the test will occur. The City will pay for the soils testing required by the Engineer, which meets the required compaction. The Contractor shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, the Contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, “Crushed Aggregate Base.”
5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, “Crushed Miscellaneous Aggregate Base.”
6. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4 “Tack Coat.”
7. The Contractor shall install new asphalt within the repair area or for patches in accordance with 302-5, “ASPHALT CONCRETE PAVEMENT.” Asphalt concrete shall be C2-PG 64-10 in compliance with 400-4, “ASPHALT CONCRETE.”
8. No preparatory asphalt work shall be done when the atmospheric temperature is below 50 °F or during unsuitable weather.
9. Following the asphalt placement, the Contractor shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2 “Density and Smoothness.” After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4” wide continuous band of SS-1H.

10. The minimum dimension for each individual repair shall be 4' x 4' and shall be subject to the following conditions:
 - a) If the base material is exposed to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, "SUBGRADE PREPARATION."
 - b) When additional base material is required, then the contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Crushed Aggregate Base." Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Base."
 - c) The Contractor may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.
 - d) For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt. The areas for scheduled repairs have been marked on the street.

302-3.1 Asphalt Patching.

1. Asphalt patching shall consist of patching potholes, gutter-line erosion, and other low spots in the pavement that are deeper than ½" per 302-5.6.2, "Density and Smoothness." These areas are generally smaller and more isolated than those areas in need of mill and pave.
2. The areas requiring patching have been identified in the Contract Documents, marked on the streets, or as directed by the Engineer. The Contractor shall identify any new areas that may require patching prior to slurry work to ensure the smoothness and quality of the finished product.
3. The Contractor shall identify and repair any areas that may require patching, prior to the placement of slurry seal for smooth finished product.
4. Asphalt overlay shall not be applied over deteriorated pavement. Preparatory asphalt work shall be completed and approved by the Engineer before proceeding with asphalt overlay.
5. The Contractor shall remove distressed asphalt pavement either by saw cutting or milling, to expose firm and unyielding pavement; prepare subgrade (as needed); and install compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
6. Prior to replacing asphalt, the area shall be cleaned and tack coated per 302-5.4, "Tack Coat".

7. Following the asphalt placement, the Contractor shall roll the entire patch in both directions covering the patch at least twice.
8. After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
9. Base repairs shall not exceed 20% RAP in content.

302-3.2 Payment.

1. Payment for replacement of existing pavement when required shall be included in the unit bid price for Asphalt Pavement repair for the total area replaced and no additional payment shall be made regardless of the number of replacements completed. No payment shall be made for areas of over excavation or outside trench areas in utility works unless previously approved by the Engineer. No payment for pavement replacement will be made when the damage is due to the Contractor's failure to protect existing improvements. The Contractor shall reimburse the City for the cost of retesting all failing compaction tests.
2. The areas and quantities shown on the road segments and in appendices are given only for the Contractor's aid in planning the Work and preparing Bids. The Engineer will designate the limits to be removed and these designated areas shall be considered to take precedent over the area shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary.
3. At the end of each day, the Contractor shall submit to the Engineer an itemized list of the asphalt pavement repair work completed. The list shall include the location of the work and the exact square footage of the repair.
4. Preparatory repair work and tack coating will be paid at the Contract unit price per ton for Asphalt Pavement Repair. No payment shall be made for areas of over excavation unless previously approved by the Engineer.
5. Milling shall be included in the Bid item for Asphalt Pavement Repair unless separate Bid item has been provided.
6. Payment for miscellaneous asphalt patching shall be included in the Contract unit price for slurry and no additional payment shall be made therefore.

302-5.1.1 Damaged AC Pavement Replacement. To the City Supplement, DELETE in its entirety.

302-5.1.2 Measurement and Payment. To the City Supplement, DELETE in its entirety.

302-5.2.1 Measurement and Payment. To the City Supplement, item c), ADD the following:

Imported Subgrade material shall be paid per bid item "Imported Backfill".

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

306-1 OPEN TRENCH OPERATIONS. To the City Supplement, CORRECT certain section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.8	House Connection Sewer (Laterals) and Cleanouts	306-1.9
306-1.7.1	Payment	306-1.9.1
306-1.7.2	Sewer Lateral with Private Replumbing	306-1.9.2
306-1.7.2.1	Location	306-1.9.2.1
306-1.7.2.2	Permits	306-1.9.2.2
306-1.7.2.3	Submittals	306-1.9.2.3
306-1.7.2.4	Trenchless Construction	306-1.9.2.4
306-1.7.2.5	Payment	306-1.9.2.5
306-1.7.3.6	Private Pump Installation	306-1.9.2.6
306-1.7.3.7	Payment	306-1.9.2.7

306-1.4.5 Water Pressure Test. To the City Supplement, Paragraph (2), DELETE and SUBSTITUE with:

2. Pressure testing of pipe and fittings at the lowest elevation shall be performed at 150% of the specified test pressure and no less than 100% of the specified test pressure at the highest elevation.

Specified test pressure for Class 235 pipe will be 150 psi

Specified test pressure for Class 305 pipe will be 200 psi

306-1.6 Basis of Payment for Open Trench Installations. ADD the following:

8. Payment for imported backfill when the Contractor elects to import material from a source outside the project limits and when authorized by the Engineer shall be included in the Bid unit price for Imported Backfill. The price shall include the removal and disposal of unsuitable materials.

306-1.8.3 Polyurethane Lining. To the City Supplement, item 5, DELETE in its entirety

306-20.8 Carrier Pipe. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Carrier pipe materials shall be approved by the Engineer. The Contractor shall use only HDPE. The Contractor shall furnish and install a structurally sound, leak-proof, fusible high density polyethylene pipe, for all piping identified for installation by horizontal directional drilling. The Contractor shall be responsible for the sizing of the carrier pipe to withstand all installation forces, curvature, and residual forces and

final in place loading. The selected material shall have an inside diameter no less than stated on the drawings. Individual pipe lengths shall be assembled by butt-fusion unless otherwise specified.

SECTION 308 – LANDSCAPE AND IRRIGATION INSTALLATION

308-7 GUARANTEE. To the City Supplement, DELETE in its entirety.

308-7 PAYMENT. ADD the following:

Work related to tree maintenance shall be included in the Bid items as follows:

- Tree Trimming (EA)
- Root Pruning (EA)
- Root Barrier (EA)

308-8 PAYMENT. To the City Supplement, DELETE in its entirety.

SECTION 705 – WATER DISCHARGES

705-1 HYDROSTATIC DISCHARGE REQUIREMENTS. To the City Supplement, ADD the following:

3. The discharge of hydrostatic test water and/or potable water shall not contain constituents in excess of the following:

Table 705-1 (A) Effluent Limitations

Parameter	Units	Effluent Limitations
Total Residual Chlorine	mg/L	0.1
pH	units	Within the limits of 6.0 and 9.0 at all times

4. Compliance with the effluent limitation shown in Table 705-1 (A) shall be determined based on the 90th percentile of all samples obtained during the discharge event. Non-compliance for each event will be considered separately.

705-2.6.1 General. Paragraph (3), CORRECT reference to Section 803 to read “Section 703.”

705-2.6.3 Community Health and Safety Plan. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

705-2.6.3 Community Health and Safety Plan. See 703-2, “Community Health and Safety Plan.”

SECTION 707 – RESOURCE DISCOVERIES

ADD:

707-1.1

Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption** for **AC Water & Sewer Group Job 1014, Project No. B-15078(W) and B-15079(S)**, as referenced in the Contract Appendix. You must comply with all requirements of the **Notice of Exemption** as set forth in the Contract **Appendix A**.

Compliance with the City's environmental document is included in the various Bid items, unless a bid item has been provided.

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

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 92101-2422

FROM: CITY OF SAN DIEGO
PUBLIC WORKS 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/WBS NO.: B-15078(w) AND B-15079(s)

PROJECT TITLE: AC Water & Sewer Group 1014

PROJECT LOCATION-SPECIFIC: The project is located along 42nd Street, 46th Street, El Cajon Boulevard, Marlborough Avenue, Orange Avenue, Polk Avenue, University Avenue and adjacent alleys within the Mid-City Heights Community Planning Area (Council District 9).

PROJECT LOCATION-CITY/COUNTY: San Diego/San Diego

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: The AC Water and Sewer Group 1014 project will replace-in-place approximately 14,363 linear feet (LF) of existing 4" to 16" asbestos cement (AC) water main with new 8" polyvinyl chloride water mains. The project will also replace-in-place approximately 405 linear feet of existing 6" vitrified clay (VC) sewer main at a depth of 5 feet. Additionally, the project includes 2 sewer main point repairs totaling less than 20'. The project will require a 3' open trench to complete the water main and sewer line replacement and associated sewer main repairs.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego Public Works Department,
Contact: Regan Owen; Ph: (619) 533-5205
525 B Street, Suite 750, San Diego, CA 92101

EXEMPT STATUS: (CHECK ONE)

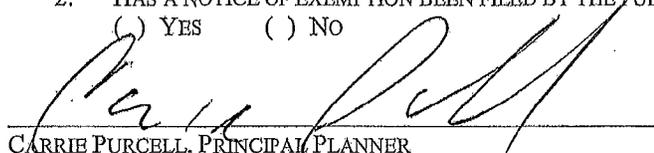
- MINISTERIAL (SEC. 21080(b)(1); 15268);
- DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
- EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
- CATEGORICAL EXEMPTION: (SEC. 15301(b); 15301(d); 15302 (c))
- STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an environmental review and determined the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Section 15301 Class 1(b) and Class 1(d), which allow for the repair and maintenance or minor alteration of existing public facilities to provide public utility services and for rehabilitation to meet current standards of public health and safety; and Section 15302 Class 2(c), which allows for replacement or reconstruction of existing utility systems involving negligible or no expansion of capacity; and where the exceptions listed in Section 15300.2 would not apply.

LEAD AGENCY CONTACT PERSON: JUAN BALIGAD, SENIOR PLANNER TELEPHONE: (619) 533-5473

IF FILED BY APPLICANT:

- 1. ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING.
- 2. HAS A NOTICE OF EXEMPTION BEEN FILED BY THE PUBLIC AGENCY APPROVING THE PROJECT?
 YES NO


CARRIE PURCELL, PRINCIPAL PLANNER

11/28/16
DATE

CHECK ONE:

- SIGNED BY LEAD AGENCY
- SIGNED BY APPLICANT

DATE RECEIVED FOR FILING AT OPR:

Revised February 4, 2016 JA

APPENDIX B
FIRE HYDRANT METER PROGRAM

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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

4. **POLICY**

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

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

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

4.6 Conditions and Processes for Issuance of a Fire Hydrant Meter

Process for Issuance

- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

- 8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.
- 8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.
- 8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.
- 8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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

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

**Larry Gardner
Water Department Director**

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

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

Meter Information

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

Company Information

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

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

City Meter	Private Meter	
Contract Acct #:	Deposit Amount: \$ 936.00	Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05	Meter Make and Style: 6-7
Backflow #	Backflow Size:	Backflow Make and Style:
Name:	Signature:	Date:
AC Water & Sewer GJ 1014		69 Page

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

Materials Typically Accepted by Certificate of Compliance

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

APPENDIX D
SAMPLE CITY INVOICE

City of San Diego, Field Engineering Div., 9485 Aero Drive, SD CA 92123		Contractor's Name:	
Project Name:		Contractor's Address:	
Work Order No or Job Order No.			
City Purchase Order No.		Contractor's Phone #:	Invoice No.
Resident Engineer (RE):		Contractor's fax #:	Invoice Date:
RE Phone#:	Fax#:	Contact Name:	Billing Period: (to

Item #	Item Description	Contract Authorization				Previous Totals To Date		This Estimate		Totals to Date	
		Unit	Price	Qty	Extension	%/QTY	Amount	% / QTY	Amount	% / QTY	Amount
1					\$ -		\$ -		\$ -	0.00%	\$ -
2					\$ -		\$ -		\$ -	0.00%	\$ -
3					\$ -		\$ -		\$ -	0.00%	\$ -
4					\$ -		\$ -		\$ -	0.00%	\$ -
5					\$ -		\$ -		\$ -	0.00%	\$ -
6					\$ -		\$ -		\$ -	0.00%	\$ -
7					\$ -		\$ -		\$ -	0.00%	\$ -
8					\$ -		\$ -		\$ -	0.00%	\$ -
9					\$ -		\$ -		\$ -	0.00%	\$ -
10					\$ -		\$ -		\$ -	0.00%	\$ -
11					\$ -		\$ -		\$ -	0.00%	\$ -
12					\$ -		\$ -		\$ -	0.00%	\$ -
13					\$ -		\$ -		\$ -	0.00%	\$ -
14					\$ -		\$ -		\$ -	0.00%	\$ -
15					\$ -		\$ -		\$ -	0.00%	\$ -
16					\$ -		\$ -		\$ -	0.00%	\$ -
17	Field Orders				\$ -		\$ -		\$ -	0.00%	\$ -
18					\$ -		\$ -		\$ -	0.00%	\$ -
	CHANGE ORDER No.				\$ -		\$ -		\$ -	0.00%	\$ -
					\$ -		\$ -		\$ -	0.00%	\$ -
Total Authorized Amount (including approved Change Order)					\$ -		\$ -		\$ -	Total Billed	\$ -

SUMMARY

A. Original Contract Amount	\$ -
B. Approved Change Order #00 Thru #00	\$ -
C. Total Authorized Amount (A+B)	\$ -
D. Total Billed to Date	\$ -
E. Less Total Retention (5% of D)	\$ -
F. Less Total Previous Payments	\$ -
G. Payment Due Less Retention	\$0.00
H. Remaining Authorized Amount	\$0.00

I certify that the materials
have been received by me in
the quality and quantity specified

Resident Engineer

Construction Engineer

Retention and/or Escrow Payment Schedule

Total Retention Required as of this billing (Item E)	\$0.00
Previous Retention Withheld in PO or in Escrow	\$0.00
Add'l Amt to Withhold in PO/Transfer in Escrow:	\$0.00
Amt to Release to Contractor from PO/Escrow:	

Contractor Signature and Date: _____

APPENDIX E
LOCATION MAP

AC WATER & SEWER GROUP JOB 1014



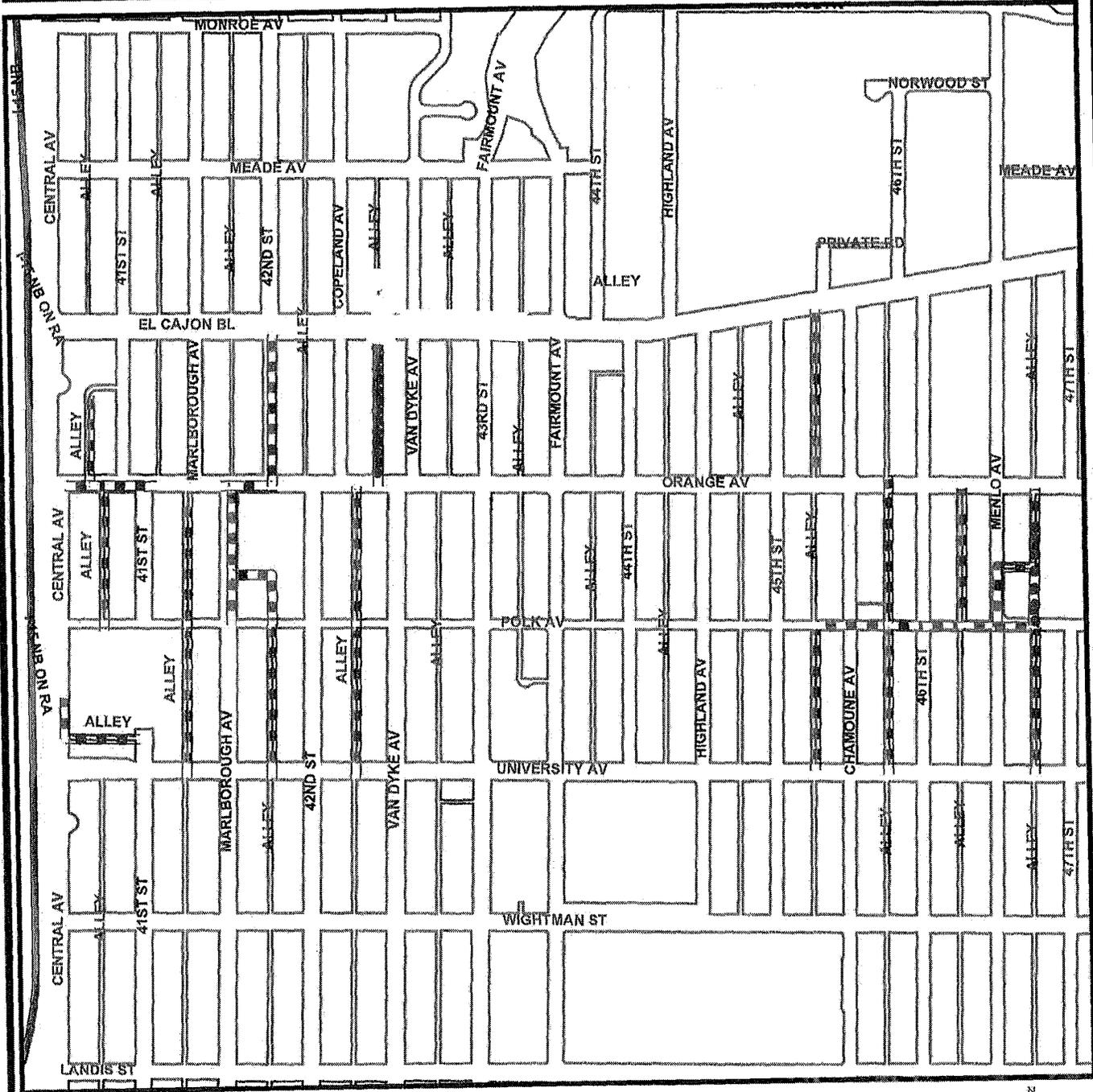
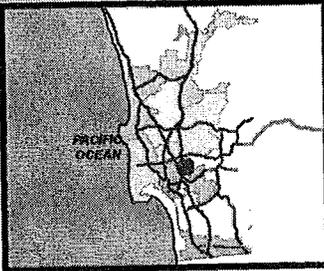
SENIOR ENGINEER
Carl Spier
619-533-5126

PROJECT MANAGER
Regan Owen
619-533-5205

PROJECT ENGINEER
Salvador Castillo
619-533-4609

CONSTRUCTION PROJECT
INFORMATION LINE
(619) 533-4207

Division Name: Water & Sewer
Right of Way Design



Legend

- SEWER
- WATER

LOCATION MAP
Not to Scale



AC Water & Sewer GJ 1014
Appendix E - Location Map

COMMUNITY NAME: CITY HEIGHTS

Date: December 22, 2015



COUNCIL DISTRICT: 9



SAP ID: B15079 (S) \ B15078 (W)

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APPENDIX F
ADJACENT PROJECTS

AC WATER AND SEWER GROUP JOB 1014

SENIOR ENGINEER
Carl Spier
619-533-5126

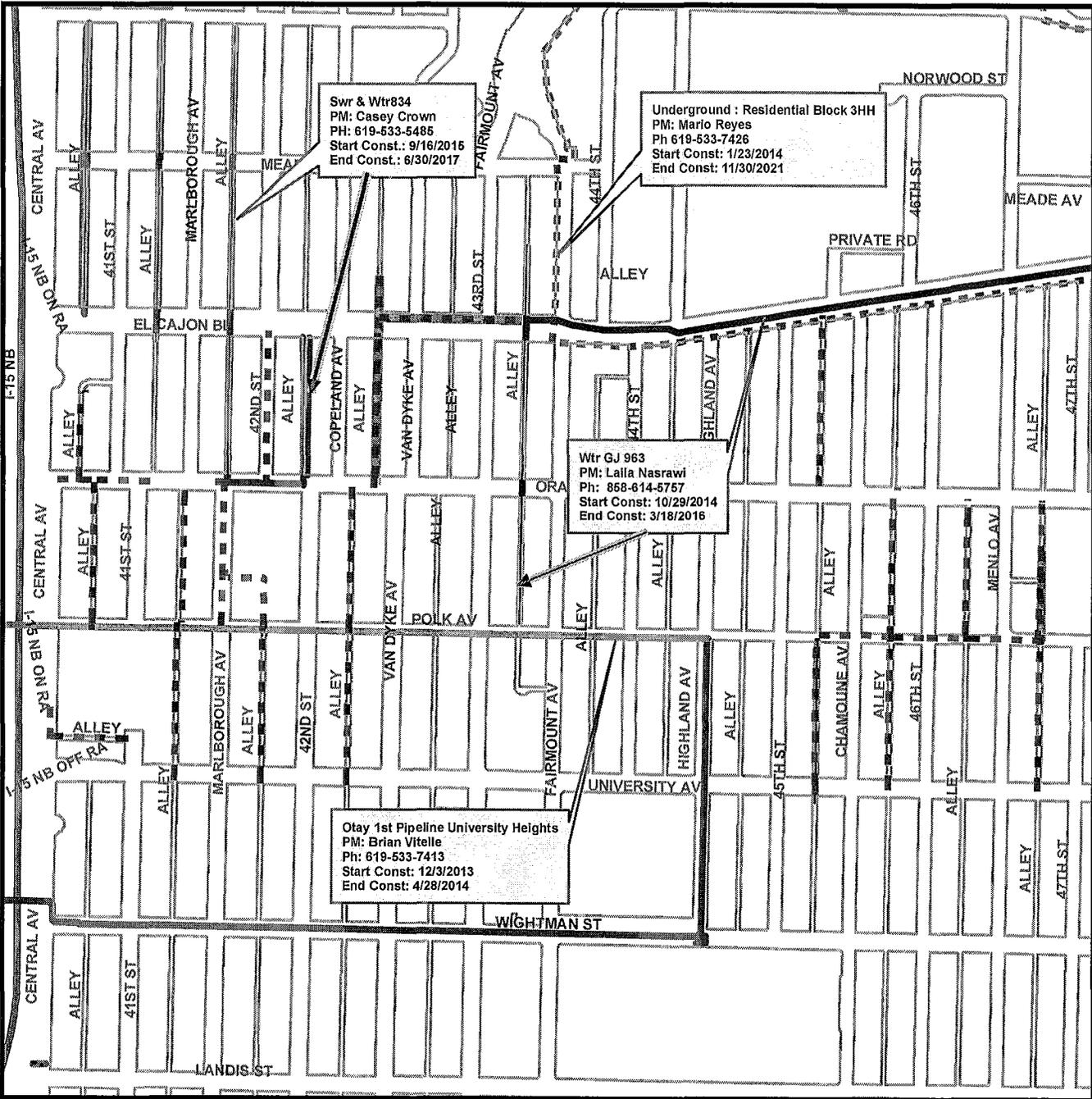
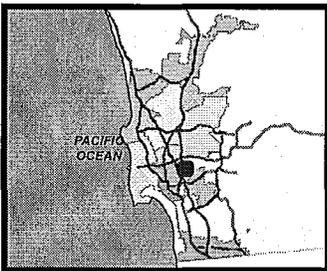
PROJECT MANAGER
Regan Owen
619-533-5205



PROJECT ENGINEER
Salvador Castillo
619-533-4609

CONSTRUCTION PROJECT
INFORMATION LINE
(619) 533-4207

Division Name: Water & Sewer
Right of Way Design

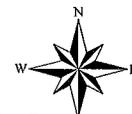


Legend

- ■ ■ WATER
- ■ ■ SEWER

ADJACENT PROJECTS LOCATION MAP

e-Bidding AC Water & Sewer GJ 1014 Appendix F - Adjacent Projects



79 | Page 8
Not to Scale



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APPENDIX G
HYDROSTATIC DISCHARGE FORM

Hydrostatic Discharge Requirements Certification (Discharge Events ≥ 325,850 gpd)

All discharge activities related to this project comply with the Regional Water Quality Control Board (RWQCB) Order No. R9-2010-0003, General Permit for Discharges of Hydrostatic Test Water and Potable Water to Surface Water and Storm Drains as referenced by (http://www.waterboards.ca.gov/sandiego/board_decisions/adopted_orders/2010/R9-2010-0003.pdf), and as follows:

Discharged water has been dechlorinated to below **0.1** (mg/l) level; and effluent has been maintained between **6 and 9** (pH) based on:

Is Discharge Within Limits?

Comment/Action Taken

Event #	Discharge Date	Item Tested	Duration	Amount (gpd)	Description of the Proposed Discharge	Method and Test Result	Is Discharge Within Limits?		Comment/Action Taken
							YES	NO	
		Chlorine							
		pH							
		Chlorine							
		pH							
		Chlorine							
		pH							
		Chlorine							
		pH							

Qualified Personnel Conducting Tests (Print Name):

SAP No.(s):

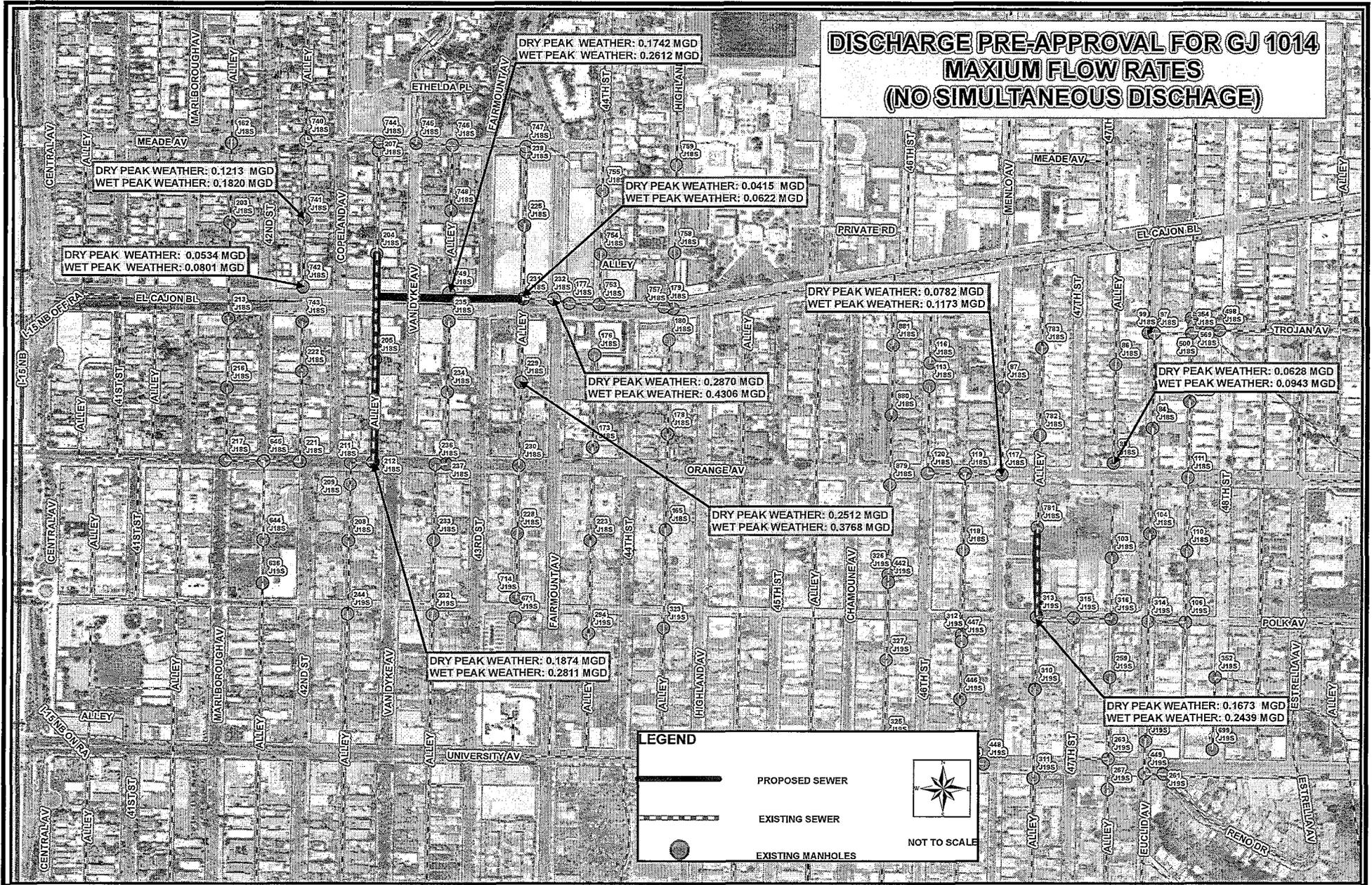
***Signed:**

Project Name:

* By signing, I hereby certify and affirm under penalty of perjury that all of the statements and conditions for hydrostatic discharge events are correct.

Have any thresholds been exceeded? Per Order No. R9-2010-0003, would this be a reportable discharge and must be reported **within 24 hours** of the event? [Reportable discharge would include violation of maximum gallons per day, any upset which exceeds any effluent limit]

APPENDIX H
DISCHARGE POINTS AND FLOW DATA



APPENDIX I
HAZARDOUS LABEL/FORMS

HAZARDOUS WASTE

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

GENERATOR NAME _____

ADDRESS _____

CA HRL
PHONE: () _____

CITY _____ STATE _____ ZIP _____

EPA ID NO. _____ MANIFEST DOCUMENT NO. _____

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

CONTENTS, COMPOSITION _____

PROPER DOT SHIPPING NAME _____

TECHNICAL NAME (S) _____

UN/NA NO. WITH PREFIX _____

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

HANDLE WITH CARE!
CONTAINS HAZARDOUS OR TOXIC WASTES

INCIDENT/RELEASE ASSESSMENT FORM ¹

If you have an emergency, Call 911

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

Questions for Incident Assessment:

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

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

Call 911 in an emergency

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

If in doubt, report the release.

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

NON REPORTABLE RELEASE INCIDENT FORM

1. RELEASE AND RESPONSE DESCRIPTION

Incident # _____

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

2. ADMINISTRATIVE INFORMATION

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

3. CHEMICAL INFORMATION

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

EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM

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

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS

GENERAL INFORMATION:

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

BASIC INSTRUCTIONS:

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

SPECIFIC INSTRUCTIONS:

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

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

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

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

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

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

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

Block H: List any additional pertinent information.

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

MAIL THE COMPLETED REPORT TO:

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

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

INCIDENT/RELEASE ASSESSMENT FORM ¹

If you have an emergency, Call 911

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

Questions for Incident Assessment:

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

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

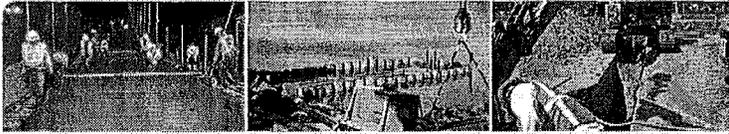
Call 911 in an emergency

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

If in doubt, report the release.

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APPENDIX J
SAMPLE OF PUBLIC NOTICES



CONSTRUCTION NOTICE

PROJECT NAME

The work will consist of:

- *Edit this information:* The construction work will include pot holing in the northbound curb lane of Torrey Pines Road between Coast Walk and Princess Street.

How your neighborhood may be impacted:

- *Edit this information:* Traffic delays due to lane closure.
- Two-way traffic will be maintained at all times.

Anticipated Construction Schedule

- *Edit this information:* The project upgrades for the entire neighborhood have been ongoing and now are scheduled to start on your street.
- The entire neighborhood project started in ____ and is anticipated to be complete in ____.

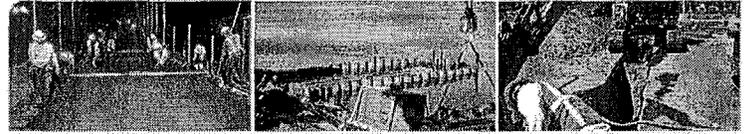
Hours and Days of Operation

- *Edit this information:* Monday to Friday (7:30 a.m. to 4 p.m.)

For questions related to this work
 Call: (619) 533-4207
 Email: engineering@sandiego.gov
 Visit: sandiego.gov/CIP



This information is available in alternative formats upon request.



CONSTRUCTION NOTICE

PROJECT NAME

The work will consist of:

- *Edit this information:* The construction work will include pot holing in the northbound curb lane of Torrey Pines Road between Coast Walk and Princess Street.

How your neighborhood may be impacted:

- *Edit this information:* Traffic delays due to lane closure.
- Two-way traffic will be maintained at all times.

Anticipated Construction Schedule

- *Edit this information:* The project upgrades for the entire neighborhood have been ongoing and now are scheduled to start on your street.
- The entire neighborhood project started in ____ and is anticipated to be complete in ____.

Hours and Days of Operation

- *Edit this information:* Monday to Friday (7:30 a.m. to 4 p.m.)

For questions related to this work
 Call: (619) 533-4207
 Email: engineering@sandiego.gov
 Visit: sandiego.gov/CIP



This information is available in alternative formats upon request.

APPENDIX K

AC WATER & SEWER GJ 1014 EXHIBIT PLANS

AC WATER & SEWER GROUP JOB 1014

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 426 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
- NOTIFY SDGE AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDGE UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES (12.4, 69 KV & HIGHER).
- LOCATE AND RECONNECT ALL SEWER LATERALS. LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. LATERAL RECORDS ARE AVAILABLE TO THE CONTRACTOR AT THE WATER DEPARTMENT, 2797 CAMINITO CROSSLAS. LOCATE THE IMPROVEMENTS THAT WILL BE AFFECTED BY LATERAL REPLACEMENT.
- EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
- CITY FORCES, WHERE CALLED OUT WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.
- KEEP EXISTING MAINS IN SERVICE IN LIEU OF HIGH-LINKING, UNLESS OTHERWISE SPECIFIED SHOWN ON PLANS.
- THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- STORM DRAIN INLETS REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PIH) ELEVATIONS SHOWN ON THE PROFILES 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 5-L.
- EXISTING UTILITY CROSSINGS AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.
- FOR COORDINATION OF THE SHUTDOWN OF TRANSMISSION MAINS 16 INCHES AND LARGER, CONTACT THE CITY'S SENIOR WATER DISTRIBUTION OPERATION SUPERVISOR AT (619) 527-7438. FOR COORDINATION OF THE SHUTDOWN OF DISTRIBUTION MAINS, LESS THAN 16 INCHES, CONTACT THE CITY'S WATER OPERATION DISTRICT MANAGER AT (619) 527-5045.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE LOCATION AND THE ELEVATION OF EXISTING WATER MAINS TO BE REPLACED AS PART OF THIS CONTRACT. NO SURVEY INFORMATION WILL BE PROVIDED. NEW PIPE SHALL BE REPLACED IN PLACE WITH MINIMUM DEPTH OF 3.5 INCHES FROM FINISHED SURFACE TO TOP OF PIPE AND A MINIMUM HORIZONTAL SEPARATION FROM SEWER MAINS OF 10 FEET. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THE REQUIRED ELEVATION AND SEPARATION CANNOT BE MAINTAINED FOR DIRECTION ON THE RELOCATION OF THE PORTION IN CONFLICT.

SHEET INDEX

EXHIBIT NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE		LENGTH (FT)
				SIZE (IN)	MATERIAL	
1	C-1	COVER SHEET				
2	C-2	INDEX MAP EXHIBITS				
3	C-3	ALLEY IN BLK 23	BTWN EL CAJON BL & ORANGE AV	8	POINT REPAIR PVC	15.00
4	C-4	ALLEY IN BLK 2 & 3	BTWN MENLO AV & EUCLID AV	8	PVC	405.00
5	C-5	ALLEY IN BLK 17	BTWN MARLBOROUGH AV & 42ND ST	8	PVC	358.00
6	C-6	ALLEY IN BLK 3	BTWN 45TH ST & CHAMOUNE AV	8	PVC	789.00
7	C-6	ALLEY IN BLK 16	BTWN 45TH ST & CHAMOUNE AV	16	PVC	40.00
8	C-8	ALLEY IN BLK 15 & 27	BTWN CENTRAL AV & 45TH ST	8	PVC	1,009.00
9	C-8	ORANGE AV	BTWN CENTRAL AV TO 45TH ST	8	PVC	453.00
9	C-9	ALLEY IN BLK 42	BTWN MARLBOROUGH AV & CENTRAL AV	8	PVC	72.00
9	C-9	ALLEY IN BLK 42	BTWN MARLBOROUGH AV & CENTRAL AV	12	PVC	20.00
9	C-9	ALLEY IN BLK 42	BTWN MARLBOROUGH AV & CENTRAL AV	16	PVC	20.00
10	C-10	ALLEY IN BLK 16	BTWN 45TH ST & MARLBOROUGH AV	8	PVC	62.00
11	C-11	ALLEY IN BLK 43	BTWN 42TH ST & MARLBOROUGH AV	8	PVC	730.24
11	C-11	ALLEY IN BLK 43	BTWN 42TH ST & MARLBOROUGH AV	16	PVC	25.00
12	C-12	MARLBOROUGH AV/ORANGE AV	BTWN 42TH ST & 45TH ST	16	PVC	812.38
12	C-12	MARLBOROUGH AV/ORANGE AV	BTWN 42TH ST & 45TH ST	8	PVC	60.00
13	C-12	42ND ST	EL CAJON BL & ORANGE AV	12	PVC	671.00
14	C-14	ALLEY IN BLK 44	BTWN 42TH ST & VAN DYKE AV	8	PVC	745.00
15	C-15	ALLEY IN BLK 18	BTWN 42TH ST & VAN DYKE AV	8	PVC	652.00
16	C-16	ALLEY IN BLK 23	BTWN COPELAND AV & VAN DYKE AV	8	PVC	702.00
16	C-16	ALLEY IN BLK 23	BTWN COPELAND AV & VAN DYKE AV	16	PVC	25.00
17	C-17	ALLEY IN BLK 3 1/2	BTWN 45TH ST & CHAMOUNE AV	8	PVC	768.00
17	C-17	ALLEY IN BLK 3 1/2	BTWN 45TH ST & CHAMOUNE AV	12	PVC	15.00
18	C-18	ALLEY IN BLK 17	BTWN CHAMOUNE AV & 45TH ST	8	PVC	725.00
19	C-19	ALLEY IN BLK 52	BTWN CHAMOUNE AV & 45TH ST	8	PVC	670.00
20	C-20	ALLEY IN BLK 1	BTWN MENLO AV & 47TH ST	8	PVC	632.00
21	C-21	ALLEY IN BLK 19	BTWN MENLO ST & 47TH ST	8	PVC	730.00
22	C-22	ALLEY IN BLK 3	BTWN MENLO AV & EUCLID AV	8	PVC	580.00
23	C-23	POLK AV	BTWN 45TH ST & 47TH ST	12	PVC	480.00
24	C-24	POLK AV	BTWN 46TH ST & 47TH ST	12	PVC	517.00
24	C-24	POLK AV	BTWN 46TH ST & 47TH ST	8	PVC	6.00
25	C-25	ALLEY IN BLK 41	BTWN UNIVERSITY AV & POLK AV	8	PVC	573.00
26	C-26	STREET RESURFACING				
27	C-27	CURB RAMP LOCATION				TOTAL SEWER 421.00
28	C-28	CITY FORCES				TOTAL WATER 14,913.00
29	C-29	WATER POLLUTION CONTROL SITE PLANS				
30	C-30	MISC DETAILS				

STORM WATER PROTECTION

- THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. R9-2007-0001.
- THIS PROJECT WILL EXCEED THE MAXIMUM DISTURBED AREA LIMIT, THEREFORE A WEATHER TRIGGERED ACTION PLAN (WAP) IS REQUIRED.
- THIS PROJECT WILL FOLLOW PHASED GRADING NOT TO EXCEED FIVE ACRES PER PHASE.

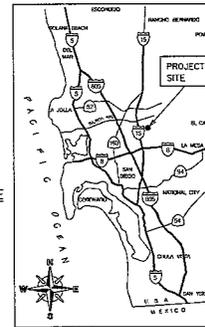
ABBREVIATIONS

ABAND	ABANDON	EL, ELEV	ELEVATION	PVC	POLYVINYL CHLORIDE
ABAND'D	ABANDONED	ELEC	ELECTRIC	PROP	PROPOSED
AC	ASBESTOS CEMENT PIPE	EX, EXIST	EXISTING	RED	REDUCER
AHD	AHEAD	E/C	EAST OF	RT	RIGHT
ASSY	ASSEMBLY	F	FLANGE	S	SURVEY LINE
DBV	DIFFERENTIAL VALVE	FS	FIRE HYDRANT	SO	STUB OUT
BK	BACK	FV	FIRE SERVICE	S/O	SOUTH OF
BTWN	BETWEEN	GV	GATE VALVE	SWR	SEWER
CATV	CABLE TV	HDPE	HIGH-DENSITY POLYETHYLENE	TEL	TELEPHONE
CI	CAST IRON PIPE	HP	HIGH PRESSURE	UNK	UNKNOWN
C	CENTER LINE	I	INVERT ELEVATION	VC	VERTICAL CURVE
COND	CONDUIT	LT	LEFT	WTR	WATER
CONT	CONTINUED	MJ	MECHANICAL JOINT	WTR	WATER
CONTR	CONTRACTOR	WTD	MULTIPLE TELEPHONE DUCT	WTR	WATER
DB	DIRECT BURIED	W/O	WEST OF	W/O	WEST OF
EB	ENCASED BURIED	DVHD	OVER HEAD	W/O	WEST OF

NOTES:
NO SURVEY WAS ORDERED TO CREATE THESE EXHIBIT PLANS. THESE EXISTING WATER & SEWER MAINS ARE PROPOSED TO BE REPLACED IN PLACE, WITH THE EXCEPTION OF SHEET 22. THEREFORE, NO PROFILES REQUIRED AT THIS TIME. PROFILES WILL BE DESIGNED DURING THE AS-BUILT STAGE. TYPICAL DEPTHS OF WATER MAINS ARE APPROXIMATELY FROM 3 TO 5 FEET. EXISTING SEWER MAIN TO BE REPLACED IN PLACE IS PROPOSED VIA PREPUBURSTING METHOD. SEWER DEPTHS VARIES FROM 5 TO 8 FEET. THESE PLANS WERE DRAWN USING EXISTING AS-BUILTS AND FROM CITY'S AERIAL SURVEY TILES.

DISCIPLINE CODE

G GENERAL
C CIVIL



VICINITY MAP
NOT TO SCALE



KEY MAP
NO SCALE

WORK TO BE DONE

CONSTRUCTION OF SEWER AND WATER GROUP JOB 1014 CONSISTS OF THE INSTALLATION REPLACEMENT OF MAINS UP TO 66" DIAMETER OF EXISTING (AND AC) WATER MAINS INCLUDING ASSOCIATED WATER SERVICES, FIRE HYDRANTS, CURB RAMPS, TRAFFIC CONTROL, STREET RESURFACING ETC. SEWER MAIN REPLACEMENT OF 42" (10.8" DIAMETER) OF EXISTING VC SEWER MAINS AND INCLUDING ASSOCIATED SEWER LATERALS, MANHOLES ETC.

LEGEND

IMPROVEMENTS	REFERENCE	SYMBOL
TRENCH RESURFACING	SDG-167, SDG-108	
SEWER MAIN	SDS-101, SDS-10 (TYPE C)	
4" SEWER LATERAL WITH C.O. UNLESS OTHERWISE SPECIFIED	SDS-102, SDS-103, SDS-104, SDS-105, SDS-10 (TYPE C), SDS-105	
WATER ABANDONMENT	SEE PLANS & SPECS NP-03	
SURVEY MONUMENT	M-10	
WATER MAIN & APPURTENANCES	SDW-100, SDW-145, SDW-151, SDW-161	
VALVES WITH CAPS AND WELLS	SDW-105, SDW-152, SDW-153, WV-05	
FIRE SERVICE CONNECTION & ASSEMBLY	SDW-109, SDW-108, SDW-146, SDW-156, SDW-153, SDW-105	
6" FIRE HYDRANT ASSEMBLY & MAINS 2-PORT UNLESS SPECIFIED AS 3-PORT	SDW-104, SDW-109, SDW-148, SDW-152, SDW-153	
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED	SDW-107, SDW-134, SDW-135, SDW-136, SDW-137, SDW-138, SDW-143, SDW-149, SDW-150, WS-03	
HIGHLIGHTING BY CONTRACTOR	SDW-170, SDW-171, SDW-172, SDW-173	

FOR ADDITIONAL SYMBOLS SEE RESURFACING, CURB RAMP AND TRAFFIC CONTROL SHEETS.

EXISTING STRUCTURES

EX WATER MAIN & VALVES	
EX WATER METER	
EX FIRE HYDRANT	
EX SEWER MAIN & MANHOLES	
EX DRAINS	
EX PAVEMENT (PROFILE)	
EX GROUND LINE (PROFILE)	
EX TRAFFIC SIGNAL	
EX STREET LIGHT	
GAS MAIN	
ELEC. CONDUIT, TEL. CONDUIT, CATV	
RAILROAD, TROLLEY TRACKS	

PLANS FOR THE CONSTRUCTION OF AC WATER & SEWER GROUP JOB 1014 COVER SHEET

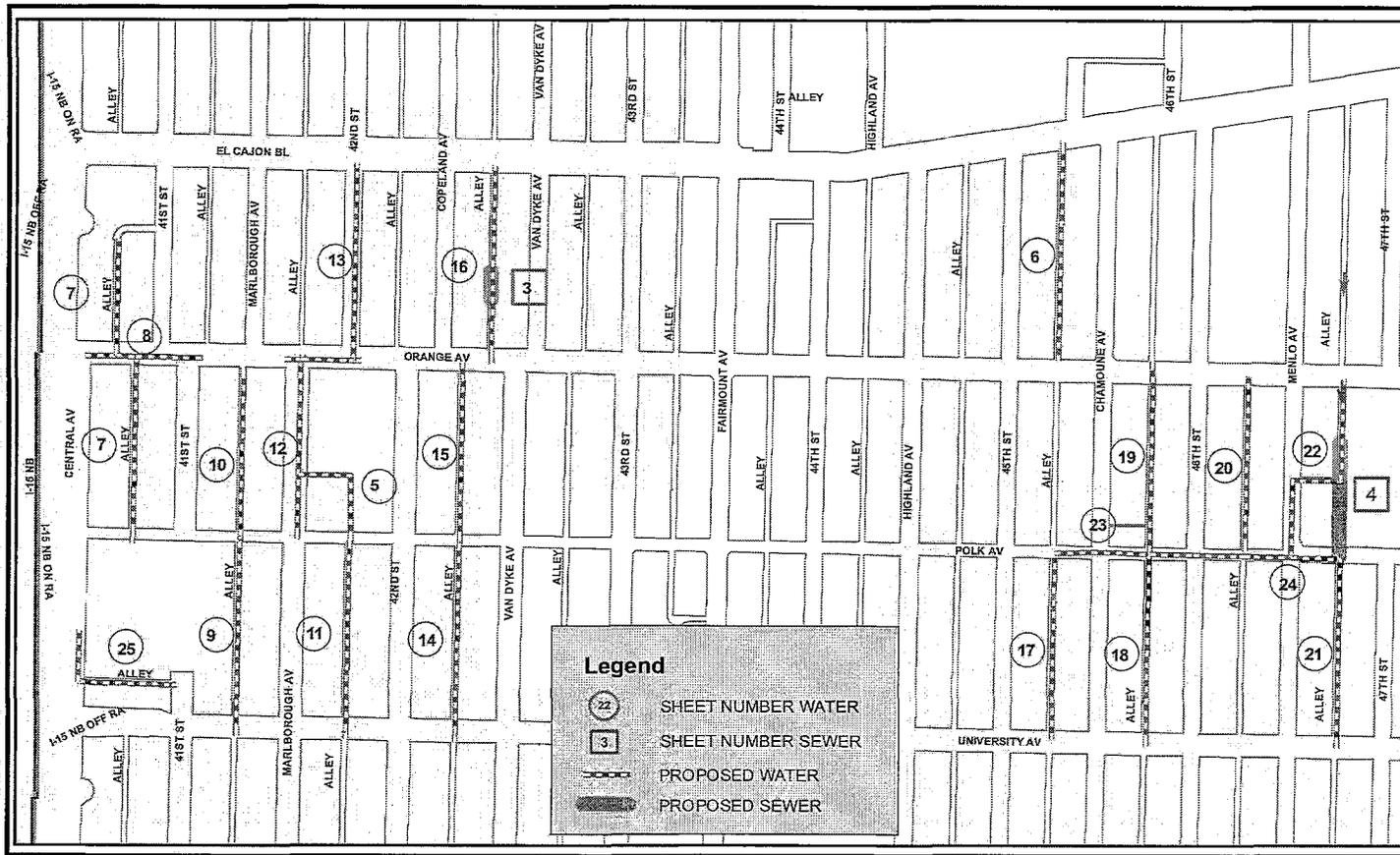
CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
EXHIBIT ON OF 30

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	SCV			

WATER	B-15078
SEWER	B-15079
DESIGNED BY	REGAN OWEN
PROJECT ENGINEER	SAL CASTILLO
SEE SHEETS	SEE SHEETS
CONTRACTOR	SEE SHEETS
DATE STARTED	39034-01-D
DATE COMPLETED	

CITY OF SAN DIEGO PUBLIC WORKS PROJECT





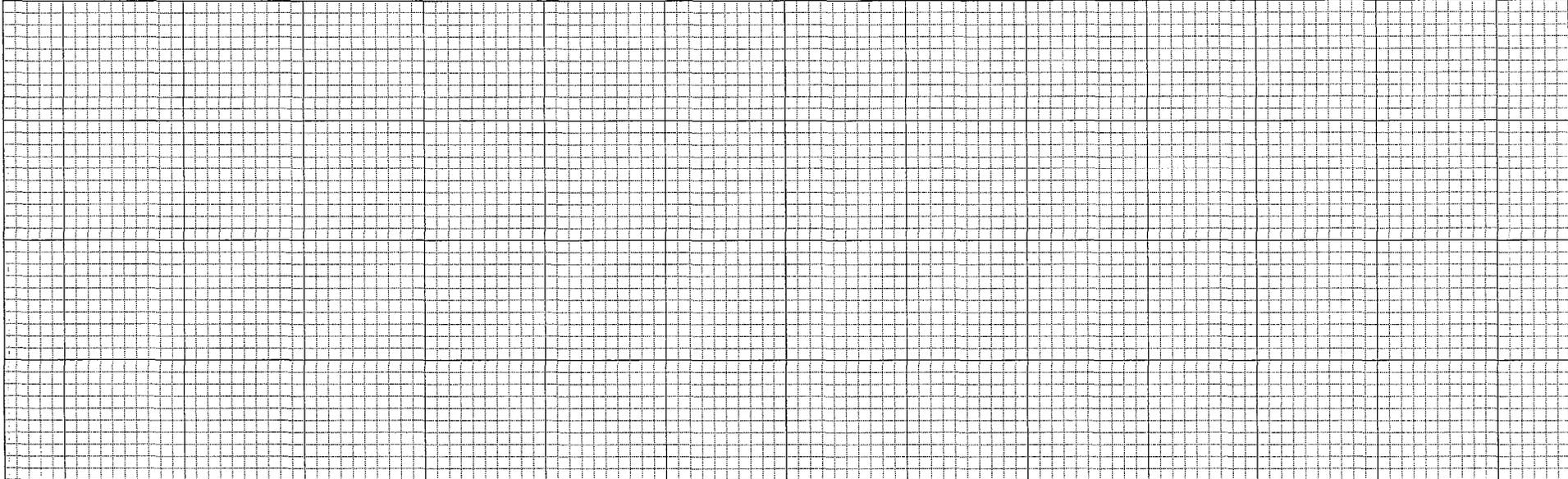
AC WATER & SEWER GROUP JOB 1014
LOCATION MAP



NO SCALE

C-2

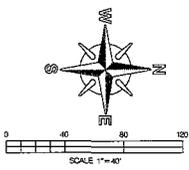
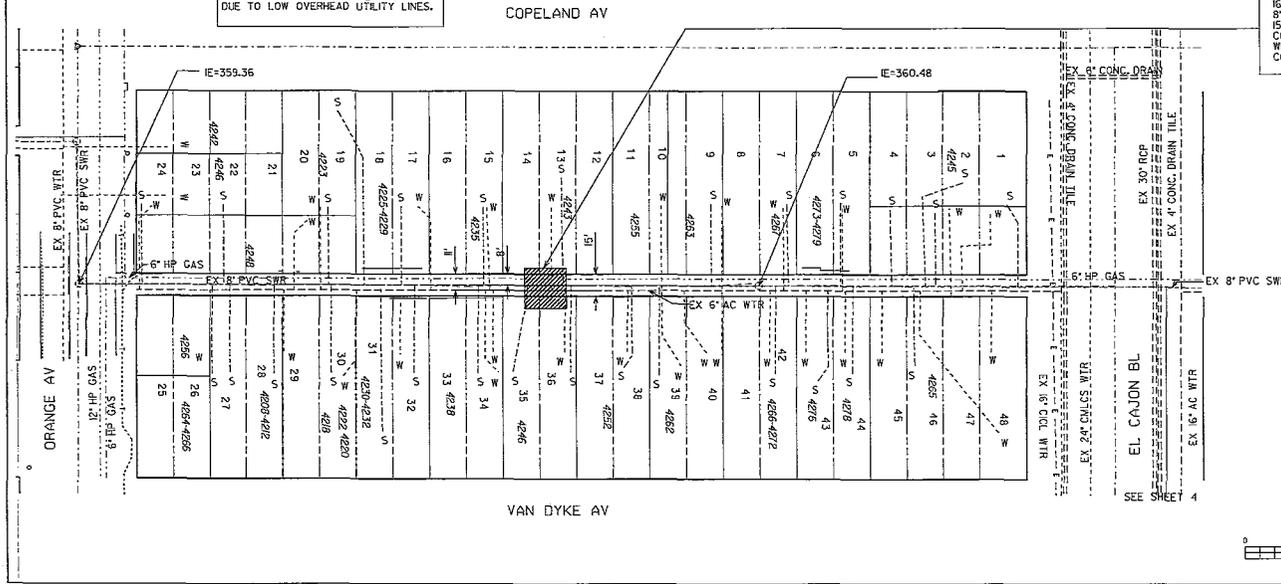
AC WATER & SEWER GROUP JOB 1014		WATER	B-15078
LOCATION MAP		SEWER	B-15079
EXHIBIT		PROJECT MANAGER	REGAN OWEN
CITY OF SAN DIEGO, CALIFORNIA		PROJECT ENGINEER	SAL CASTELLO
PUBLIC WORKS DEPARTMENT		PROJECT ENGINEER	SEE SHEETS
EXHIBIT 02 OF 30		PROJECT ENGINEER	SEE SHEETS
DATE STARTED		DATE COMPLETED	39034-02-D



CONTRACTOR'S NOTE:
USE EXTREME CAUTION WHEN WORKING
DUE TO LOW OVERHEAD UTILITY LINES.

CONTRACTOR'S NOTE:
16LF OF POINT REPAIR ON EXISTING
8" PVC SEWER MAIN APPROXIMATELY
155 FT FROM EX 10' STREAM MH.
CONTRACTOR TO VERIFY EXACT LOCATION
WHERE POINT REPAIRS ARE NEEDED AND
CONFIRM WITH RESIDENT ENGINEER.

REFERENCE:
WATER:2709-8-D
SEWER:3675-1
STORM_DRAIN:5272-1,5323-0
GAS:36087-18895
ELECTRIC:6087-18895
CABLE TV:N/A
TELEPHONE:see040tab.dgn
IMPROVEMENTS:
100' SCALE/FIELD BOOK:214-1737/J185
THOMAS_BROS.:269-H4
H01.536



C-3

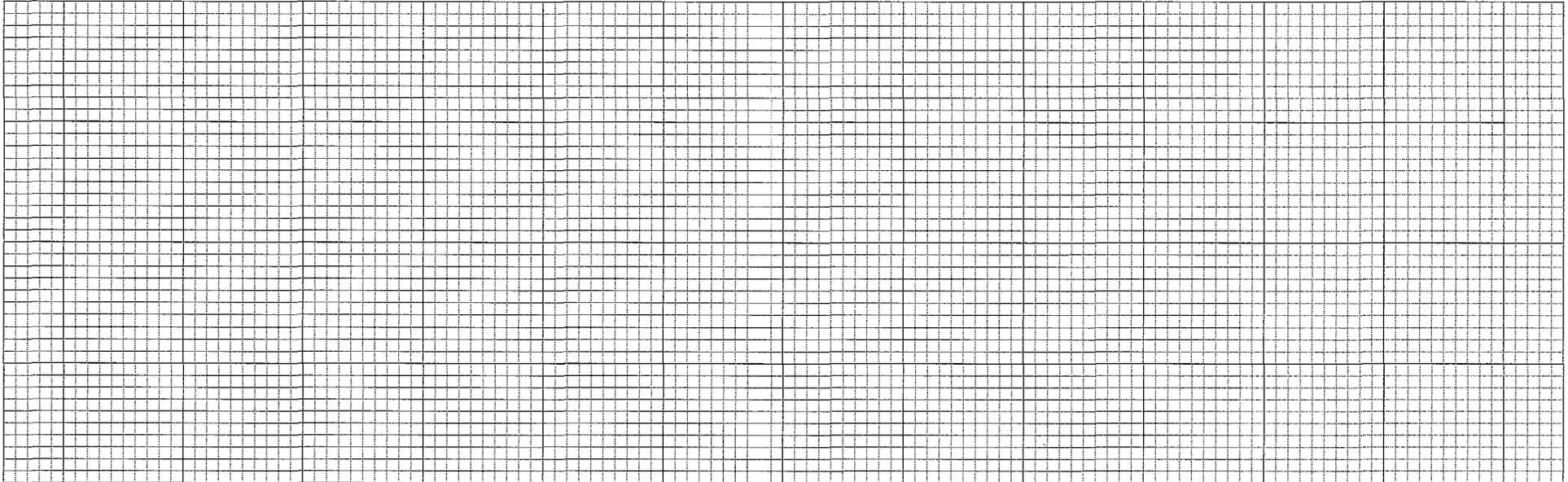
AC WATER & SEWER GROUP JOB 1014
ALLEY IN BLK 3 & 23
COPELAND AV & VAN DYKE AV
EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
EXHIBIT 03 OF 30

DESCRIPTION	BY	APPROVED	DATE	FILE NO.
ORIGINAL	SC/RY			

CONTRACTOR	DATE STARTED
INSPECTOR	DATE COMPLETED

WATER # B-15076
 SEWER # B-15079
 PROJECT MANAGER
 REGAN OWEN
 PROJECT ENGINEER
 SAL CASTILLO
 214-1737
 6304407-105444
 39034-03-D



CONTRACTOR'S NOTE:
USE EXTREM CAUTION WHEN WORKING
DUE TO LOW OVERHEAD UTILITY LINES:

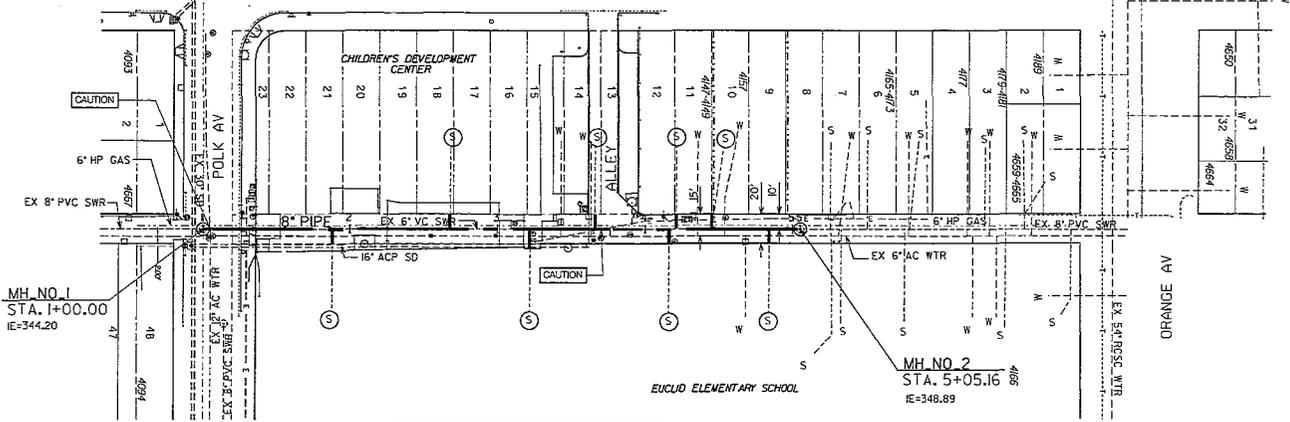
MENLO AV

HORIZONTAL ALIGNMENT DATA:
SEWER: ALLEY BTWN MENLO AV
& EUCLID AV

 POB I+00.00 1854212.98 6302210.17
 POC 5+05.16 1854616.07 6302217.46
 Tangential Direction: 0.02
 Tangential Length: 405.16

REFERENCE:
WATER: 4040-L
SEWER: 3529-24-D
STORM DRAIN: 6463-L
GAS: 1610-18885
ELECTRIC: 1610-18885
CABLE TV: N/A
TELEPHONE: 0602DB.DGN
IMPROVEMENTS: N/A
100' SCALE/FIELD BOOK: 214-1740,
212-1740/385, 385
THOMAS BROS.: 1263-J5
HCL: 536

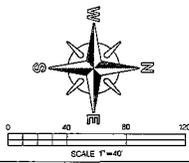
RETIREMENTS:
6" - VC - 405.16' - 1930
MH - 4X3 - 2 - 1930
4" LATERAL - 8 - UNK - 1930



MH NO 1
STA. 1+00.00
IE=344.20

MH NO 2
STA. 5+05.16
IE=348.89

NOTE:
CONTRACTOR TO VERIFY ACTIVE SEWER LATERALS
BEFORE PIPE BURSTING TO PROPOSED MH 1 TO MH 2.

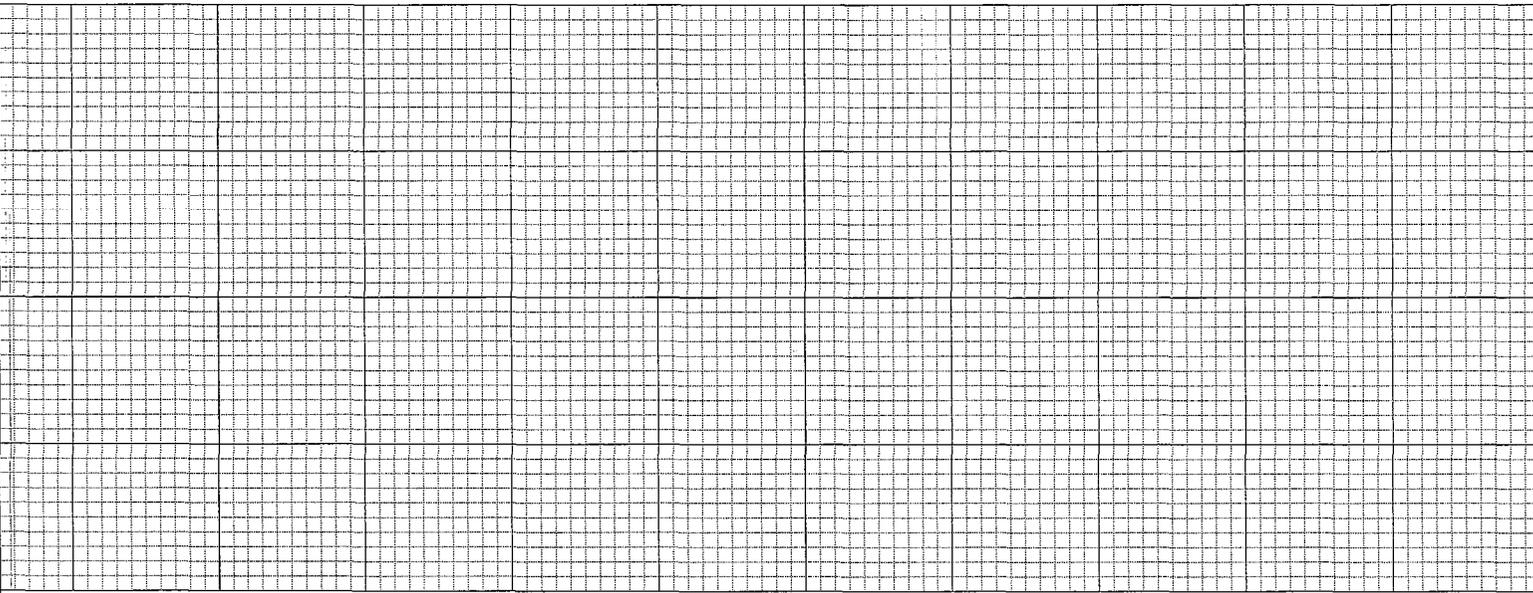


C-4

AC WATER & SEWER GROUP JOB 1014
EL CAJON BL
COPELAND AV & FARMOUNT AV
EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
EXHIBIT 04 OF 30

DESCRIPTION	BY	APPROVED	DATE	FILED	PROJECT NUMBER
ORIGINAL	SEVBY				214-1737
					0207 COORDINATE
					6304407-1854444
					0208 COORDINATE
CONTRACTOR					DATE STARTED
INSPECTOR					DATE COMPLETED
					39034-04-D

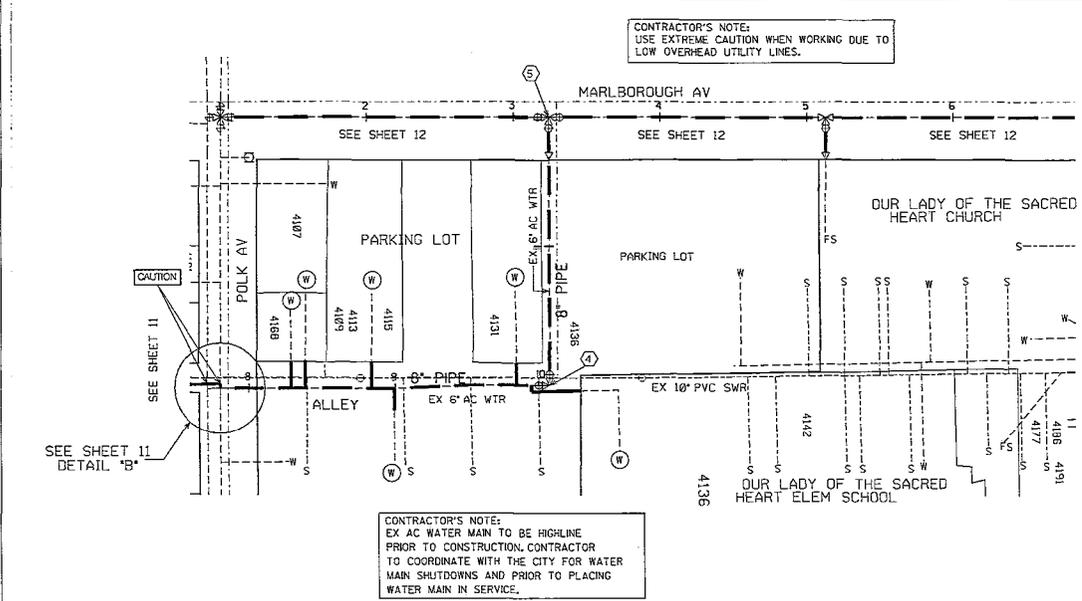


Horizontal Alignment Report

Alley in blk 43

PI	7+86.29	1854277.70	6298778.52
PI	7+90.24	1854281.65	6298778.63
Tangential Direction: 0.03			
Tangential Length: 3.95			
PI	7+90.24	1854281.65	6298778.63
PI	8+38.67	1854330.07	6298779.65
Tangential Direction: 0.02			
Tangential Length: 48.43			
PI	8+38.67	1854330.07	6298779.65
PI	8+83.68	1854375.07	6298780.39
Tangential Direction: 0.02			
Tangential Length: 45.01			
PI	8+83.68	1854375.07	6298780.39
PI	8+99.05	1854390.44	6298780.65
Tangential Direction: 0.02			
Tangential Length: 15.37			
PI	8+99.05	1854390.44	6298780.65
PI	9+52.19	1854443.57	6298779.53
Tangential Direction: 6.26			
Tangential Length: 53.14			
PI	9+52.19	1854443.57	6298779.53
PI	9+82.70	1854474.07	6298780.10
Tangential Direction: 0.02			
Tangential Length: 30.51			
PI	9+82.70	1854474.07	6298780.10
PI	10+00.08	1854491.45	6298780.43
Tangential Direction: 0.02			
Tangential Length: 17.38			
PI	10+00.08	1854491.45	6298780.43
PI	10+05.08	1854496.45	6298780.53
Tangential Direction: 0.02			
Tangential Length: 5.00			
PI	10+05.08	1854496.45	6298780.53
POE	11+88.14	1854499.43	6298597.49
Tangential Direction: 4.73			
Tangential Length: 183.06			

CONTRACTOR'S NOTE:
USE EXTREME CAUTION WHEN WORKING DUE TO
LOW OVERHEAD UTILITY LINES.



SEE SHEET 12

④ CONTRACTOR TO FURNISH & INSTALL
STA 10+05.08
1" 8" 90' BEND (F)
2" 8" VALVE BK, AND (F, M)

⑤ CONTRACTOR TO FURNISH & INSTALL
STA 7+86.29 TO 9+24.14
SEE NOTE 2, SHEET 12

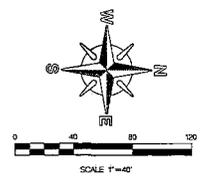
REFERENCE:
WATER: I3549-2-D
SEWER: 27384-6-D
STORM DRAIN: N/A
GAS:
ELECTRIC:
CABLE TV:
TELEPHONE:
IMPROVEMENTS: I4695-4-D, I2385-8, I3362-8
80' SCALE/FIELD BOOK: 212-1731, J-19-S
THOMAS BROS.: I263-115
HCL: ALVARADO 536

RETIREMENTS:
6" - AC - 388' - 1979
1" SERVICE - 6 - LNK - 1979

CAUTION

SEE SHEET 11
DETAIL 'B'

CONTRACTOR'S NOTE:
EX AC WATER MAIN TO BE HIGHLINE
PRIOR TO CONSTRUCTION. CONTRACTOR
TO COORDINATE WITH THE CITY FOR WATER
MAIN SHUTDOWNS AND PRIOR TO PLACING
WATER MAIN IN SERVICE.



C-5

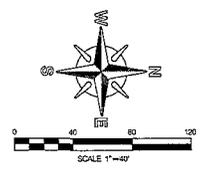
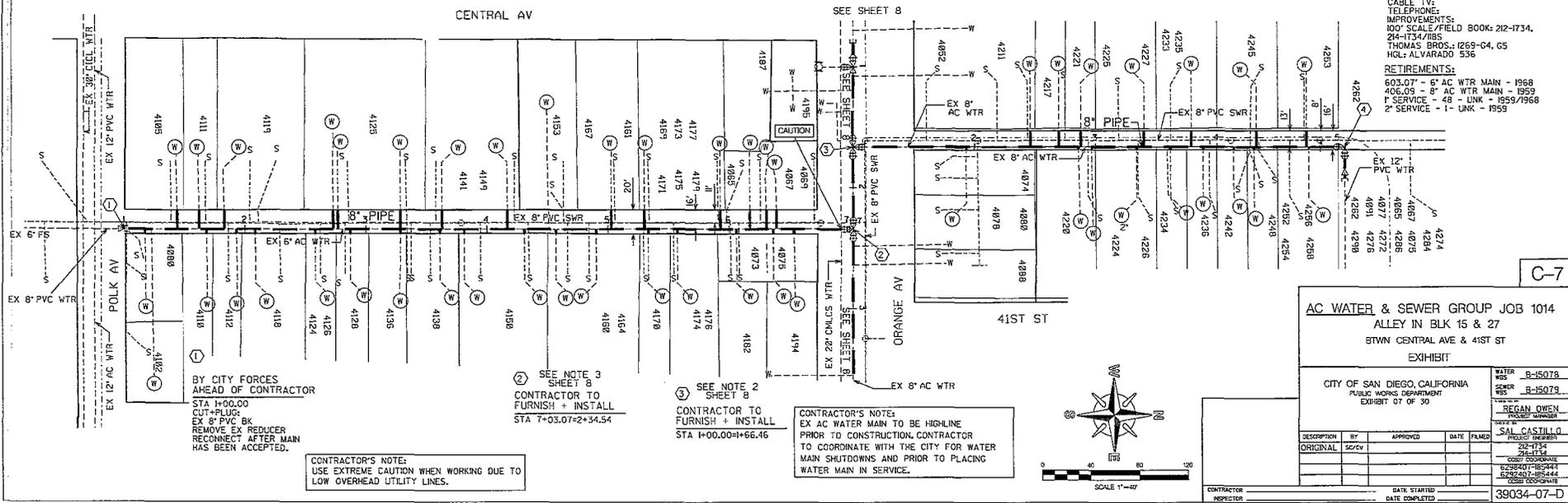
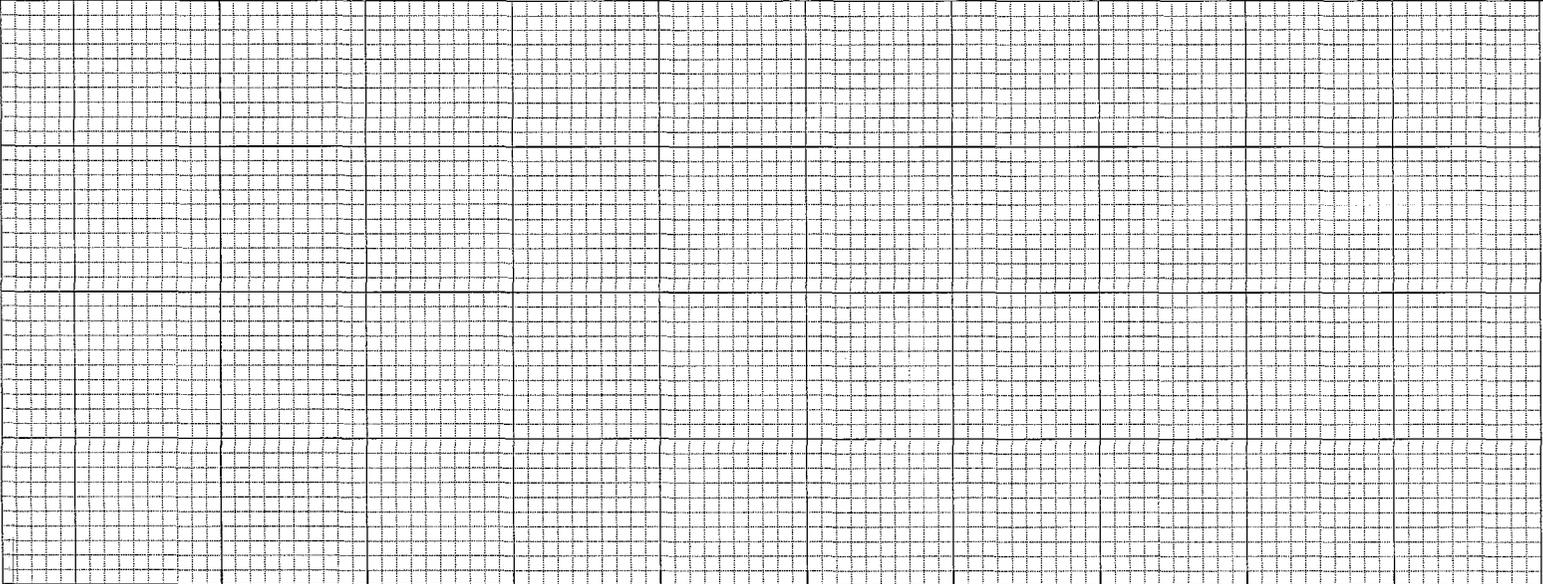
AC WATER & SEWER GROUP JOB 1014
ALLEY IN BLK 17
MARLBOROUGH AV & 42ND ST
EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA		WATER RES. B-15078		
PUBLIC WORKS DEPARTMENT		SEWER RES. B-15079		
EXHIBIT 05 OF 30		PROJECT MANAGER		
		REGAN OWEN		
		PROJECT MANAGER		
		SAL CASTILLO		
		PROJECT SUPERVISOR		
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	REV			
		214-1737		
		1854444-6304407		
		39034-05-D		
CONTRACTOR INSPECTOR		DATE STARTED	DATE COMPLETED	

Horizontal Alignment Review Report
 Alley Blk 15
 POB 1+00.00 1854309.45 6298019.92
 POE 7+03.07 1854912.45 6298029.53
 Tangential Direction: 0.02
 Tangential Length: 603.07
 Alley Blk 27
 POB 1+00.00 1854913.45 6297961.51
 POE 5+06.18 1855319.60 6297968.41
 Tangential Direction: 0.02
 Tangential Length: 406.18

- BY CITY FORCES
 AHD OF CONTRACTOR
 STA 5+06.18
 CUT+PLUG
 EX 12" PVC 10" RT
 RECONNECT AFTER MAIN
 HAS BEEN ACCEPTED.
- CONTRACTOR TO
 FURNISH + INSTALL
 STA 5+06.18
 1- 8" 90° BEND (F)
 2- 8" VALVE BK, AHD (F, M.J)
 1- 10' OF 12" PVC AHD
 1- 12"X8" REDUCER AHD (M.J, M.J)

REFERENCE:
 WATER: 15812-D, 13491-D, 31530-9-D
 SEWER: 30709-D
 STORM DRAIN:
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
IMPROVEMENTS:
 100' SCALE/FIELD BOOK: 212-734,
 214-174/185
 THOMAS BROS.: 1269-C4, G5
 HOL: ALVARADO 536
RETIREMENTS:
 603.07' - 8" AC WTR MAIN - 1968
 406.09' - 8" AC WTR MAIN - 1959
 1" SERVICE - 48 - UNK - 1959/1968
 2" SERVICE - 1 - UNK - 1959



AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 15 & 27
 BTWN CENTRAL AVE & 41ST ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 EXHIBIT 07 OF 30

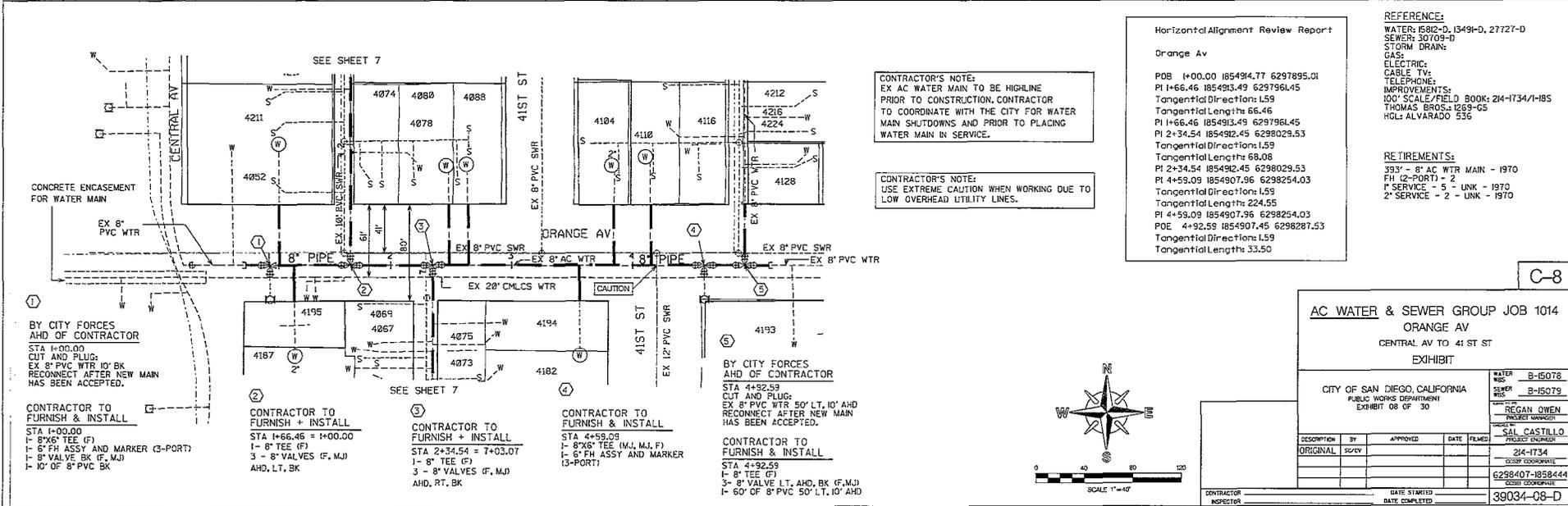
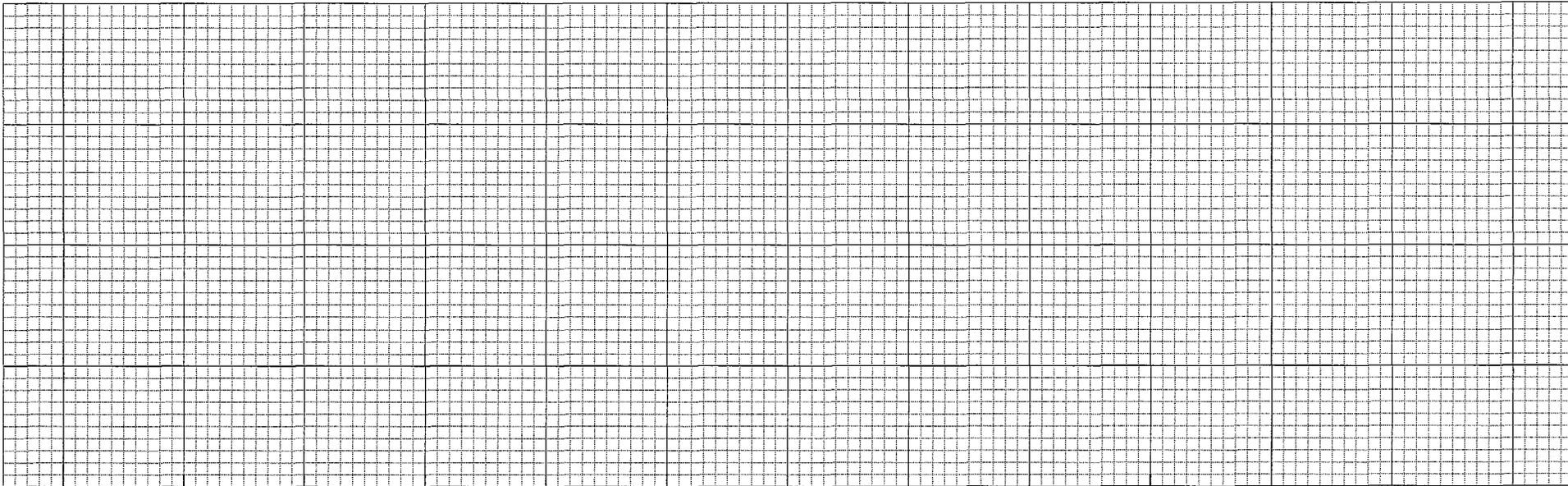
DESCRIPTION	REV	APPROVED	DATE	FILED
ORIGINAL	SCVY			

DATE STARTED: _____
 DATE COMPLETED: _____

CONTRACTOR: _____
 INSPECTOR: _____

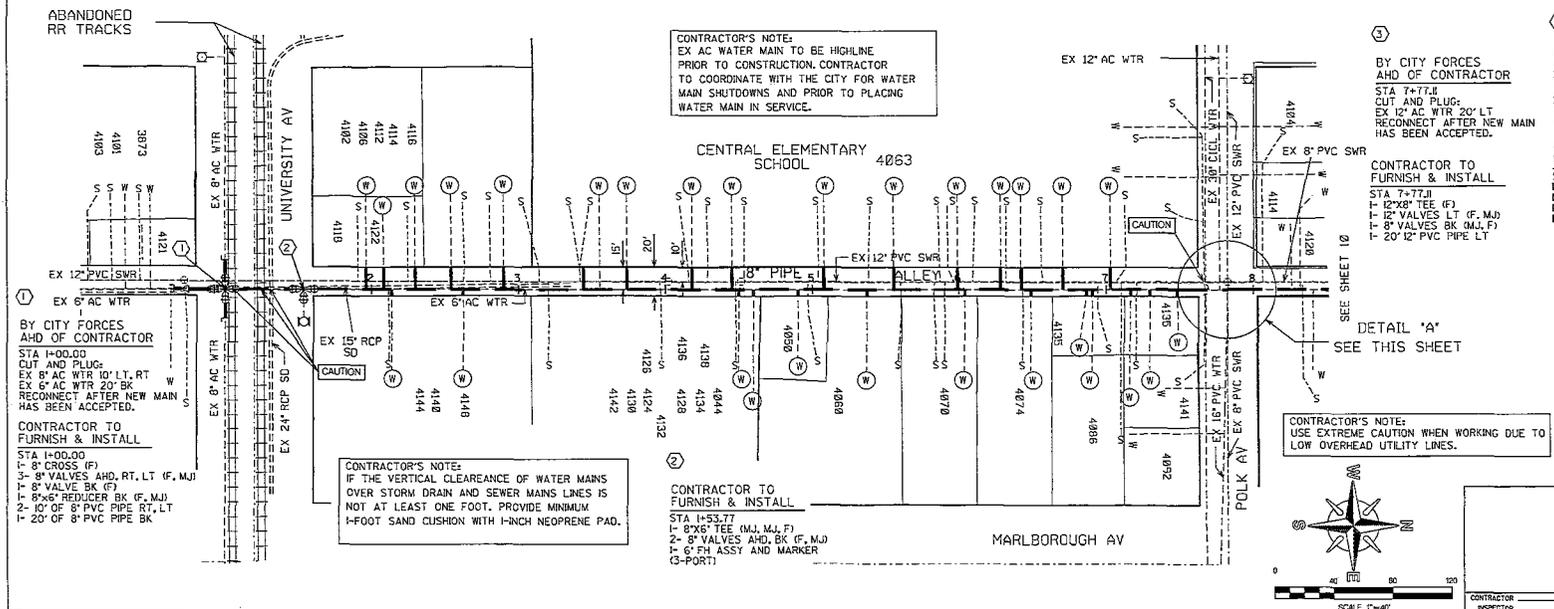
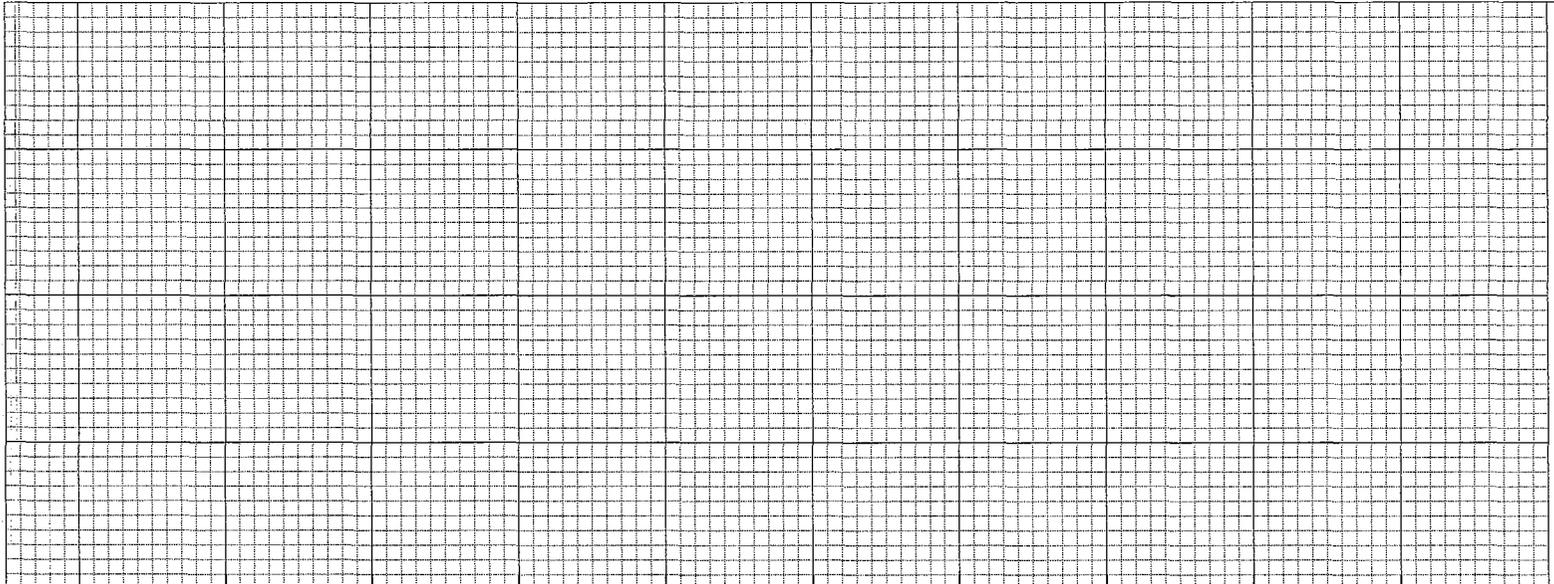
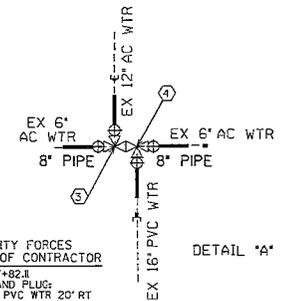
WATER JOB: B-15078
 SEWER JOB: B-15079
 DESIGNER: REGAN OWEN
 CHECKED: SAL CASTILLO
 PROJECT NUMBER: 214-174
 6298019-6298041
 6298029-6298044
 6298045

39034-07-D



Horizontal Alignment Review Report
Alley btwn Marlborough & 41 St

POB	1+00.00	1853601.44	6298384.00
PI	1+53.77	1853655.20	6298385.11
Tangential Direction:	0.02		
Tangential Length:	53.77		
PI	1+53.77	1853655.20	6298385.11
PI	7+77.11	1854278.45	6298395.38
Tangential Direction:	0.02		
Tangential Length:	623.34		
PI	7+77.11	1854278.45	6298395.38
PI	7+82.11	1854283.45	6298395.53
Tangential Direction:	0.03		
Tangential Length:	5.00		
PI	7+82.11	1854283.45	6298395.53
POE	13+89.24	1854890.49	6298406.17
Tangential Direction:	0.02		
Tangential Length:	607.14		



CONTRACTOR'S NOTE:
EX AC WATER MAIN TO BE HIGHLINE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE CITY FOR WATER MAIN SHUTDOWNS AND PRIOR TO PLACING WATER MAIN IN SERVICE.

BY CITY FORCES AND OF CONTRACTOR
STA 7+77.11 CUT AND PLUG:
EX 12" AC WTR 20' LT
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

CONTRACTOR TO FURNISH & INSTALL
STA 7+77.11
1- 12"X8" TEE (F)
1- 12" VALVES LT (F, MJ)
1- 8" VALVES BK (MJ, F)
1- 20" 12" PVC PIPE LT

BY CITY FORCES AND OF CONTRACTOR
STA 7+82.11 CUT AND PLUG:
EX 16" PVC WTR 20' RT
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

REFERENCE:
WATER: 30709-38-D, 13491-6-D, 6821-W
SEWER: 30709-14-D, 30709-19-D
STORM DRAIN: 8684-L, 6893-L
GAS:
ELECTRIC:
CABLE TV:
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD BOOK:
212-1734/JRS
THOMAS BROS., 1269-H5
HGL: ALVARADO 536

RETIREMENTS:
6" - AC - 700' - 1956
FH 12-PORT1 - 11
F SERVICE - 29 - UNK - 1956

BY CITY FORCES AND OF CONTRACTOR
STA 1+00.00 CUT AND PLUG:
EX 8" AC WTR 10' LT, RT
EX 6" AC WTR 20' BK
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

CONTRACTOR TO FURNISH & INSTALL
STA 1+00.00
1- 8" CROSS (F)
3- 8" VALVES AND, RT, LT (F, MJ)
1- 8" VALVE BK (F)
1- 8"X6" REDUCER BK (F, MJ)
2- 10" OF 8" PVC PIPE RT, LT
1- 20" OF 8" PVC PIPE BK

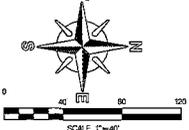
CONTRACTOR'S NOTE:
IF THE VERTICAL CLEARANCE OF WATER MAINS OVER STORM DRAIN AND SEWER MAINS LINES IS NOT AT LEAST ONE FOOT, PROVIDE MINIMUM 1-FOOT SAND CUSHION WITH 1-INCH NEOPRENE PAD.

CONTRACTOR TO FURNISH & INSTALL
STA 1+53.77
1- 8"X6" TEE (MJ, MJ, F)
2- 8" VALVES AND, BK (F, MJ)
1- 6" FH ASSY AND MARKER (3-PORT)

CONTRACTOR'S NOTE:
USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

AC WATER & SEWER GROUP JOB 1014
ALLEY IN BLK 42
MARLBOROUGH AV & CENTRAL AV
EXHIBIT I

CITY OF SAN DIEGO, CALIFORNIA		PUBLIC WORKS DEPARTMENT		EXHIBIT 09 OF 30	
PROJECT NUMBER		PROJECT ENGINEER		WATER 1014 - B-15078	
212-1734		SAL CASTILLO		SEWER 1014 - B-15079	
JOB COORDINATOR		DATE STARTED		DATE COMPLETED	
6298407-185444		39034-09-D		212-1734/JRS	
CJOB COORDINATOR		DATE STARTED		DATE COMPLETED	
212-1734/JRS		39034-09-D		212-1734/JRS	



Horizontal Alignment Review Report
 Alley btwn Marlborough & 41st St

POB 1+00.00 1853601.44 6298384.00
 PI 1+53.77 1853655.20 6298385.11
 Tangential Direction: 0.02
 Tangential Length: 53.77
 PI 1+53.77 1853655.20 6298385.11
 PI 7+77.11 1854278.45 6298395.38
 Tangential Direction: 0.02
 Tangential Length: 623.34
 PI 7+77.11 1854278.45 6298395.38
 PI 7+82.11 1854283.45 6298395.53
 Tangential Direction: 0.03
 Tangential Length: 5.00
 PI 7+82.11 1854283.45 6298395.53
 POE 13+89.24 1854890.49 6298406.17
 Tangential Direction: 0.02
 Tangential Length: 607.14

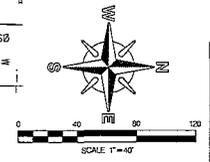
REFERENCE:
 WATER: 15491-S-D, 30709-19-D, 30709-20-D
 SEWER: 30709-30-D
 STORM DRAIN:
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONES:
 IMPROVEMENTS:
 100' SCALE FIELD BOOK: 214-1734,
 214-1737, 1855, 185,
 THOMAS BROS. 1269-H5
 HGL: ALVARADO 536

RETIREMENTS:
 6" - AC - 604-22 - 1956
 8" SERVICE - 24 - UNK - 1956
 1 1/2" SERVICE - 1 - UNK - 1956

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION, CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

BY CITY FORCES
 AND OF CONTRACTOR
 STA 14+00.00
 CUT AND PLUG:
 EX 8" PVC WTR AHD
 REMOVE EX REDUCER
 RECONNECT AFTER MAIN
 HAS BEEN ACCEPTED.



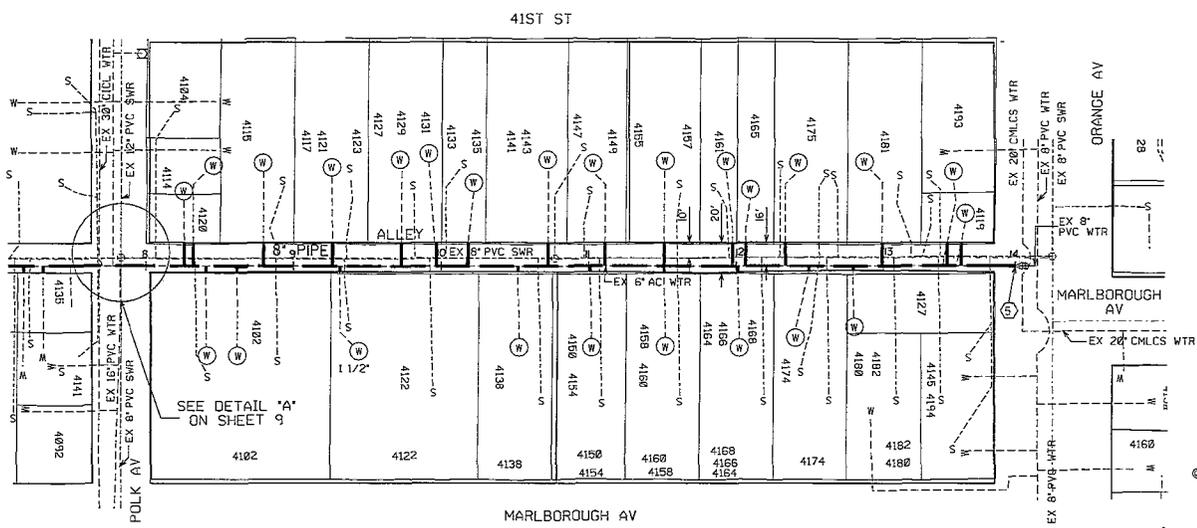
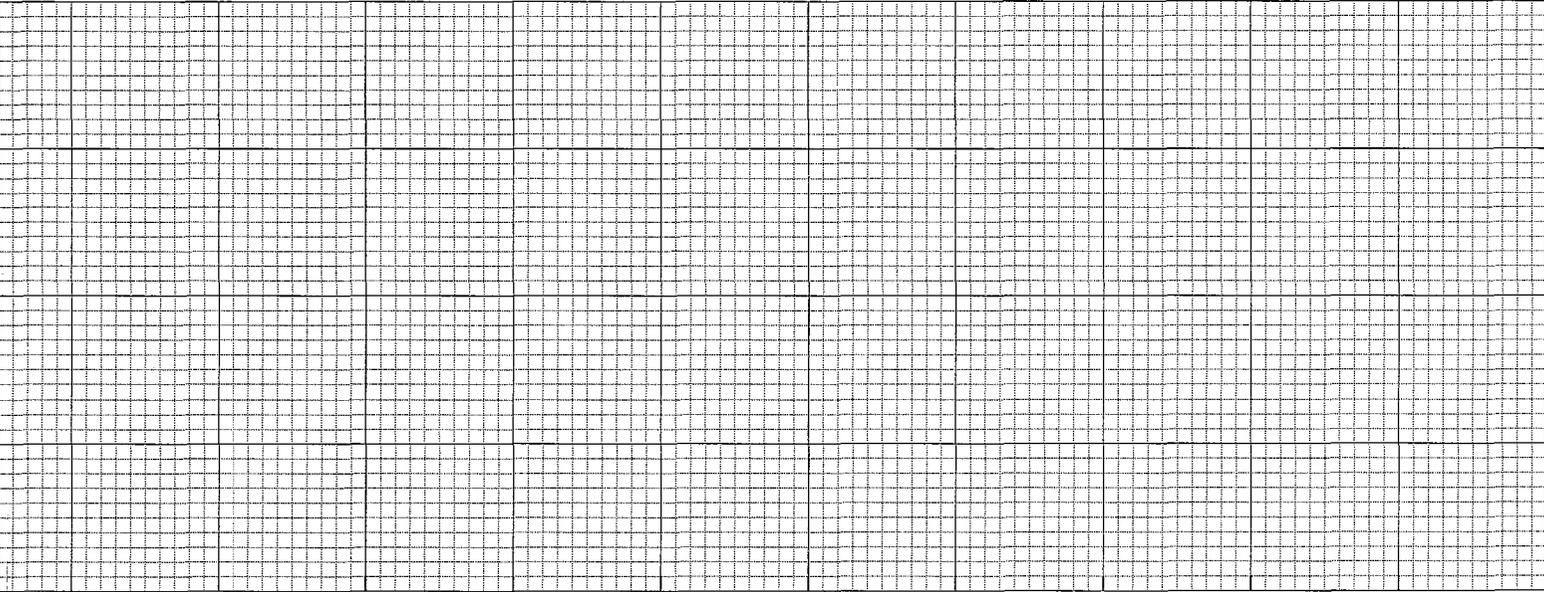
AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 16
 41 ST ST & MARLBOROUGH AV
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 EXHIBIT 10 OF 30

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	SL/CLV			

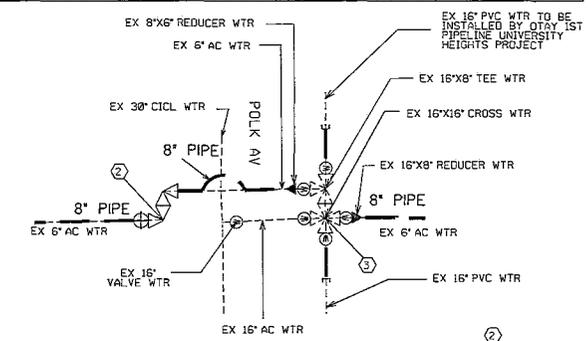
WATER: B-15078
 SEWER: B-15079
 PROJECT MANAGER: REGAN OWEN
 PROJECT ENGINEER: SAL CASTILLO
 214-1734
 24-1737
 1855
 185
 185444
 185414
 185414

CONTRACTOR: _____ DATE STARTED: _____
 INSPECTOR: _____ DATE COMPLETED: _____



Horizontal Alignment Report

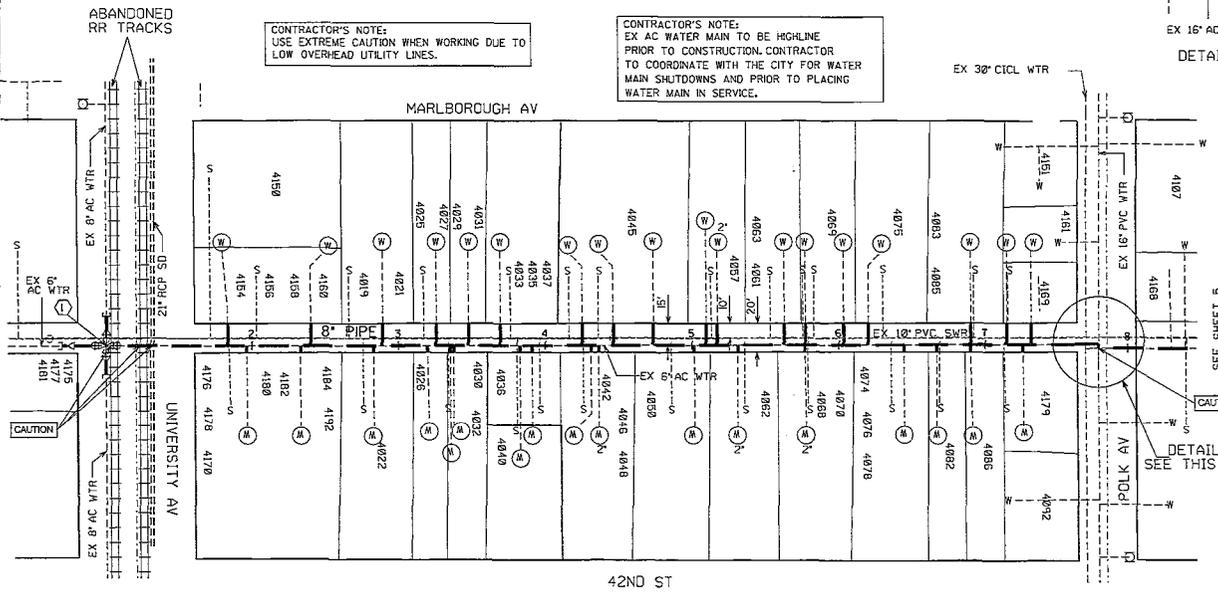
Alley in blk 43
PI 7+66.29 1854277.70 6298778.52
PI 7+90.24 1854281.65 6298778.63
Tangential Direction: 0.03
Tangential Length: 3.95
PI 7+90.24 1854281.65 6298778.63
PI 8+38.67 1854330.07 6298779.65
Tangential Direction: 0.02
Tangential Length: 48.43
PI 8+38.67 1854330.07 6298779.65
PI 8+83.68 1854375.07 6298780.39
Tangential Direction: 0.02
Tangential Length: 45.01
PI 8+83.68 1854375.07 6298780.39
PI 8+99.06 1854390.44 6298780.65
Tangential Direction: 0.02
Tangential Length: 15.37
PI 8+99.06 1854390.44 6298780.65
PI 9+52.19 1854443.57 6298779.53
Tangential Direction: 5.26
Tangential Length: 53.14
PI 9+52.19 1854443.57 6298779.53
PI 9+82.70 1854474.07 6298780.10
Tangential Direction: 0.02
Tangential Length: 30.51
PI 9+82.70 1854474.07 6298780.10
PI 10+00.08 1854491.45 6298780.43
Tangential Direction: 0.02
Tangential Length: 17.38
P: 10+00.08 1854491.45 6298780.43
P: 10+05.08 1854496.45 6298780.53
Tangential Direction: 0.02
Tangential Length: 5.00
PI 10+05.08 1854496.45 6298780.53
POE 11+88.14 1854499.43 6298597.49
Tangential Direction: 4.73
Tangential Length: 183.06



- BY CONTRACTOR TO FURNISH & INSTALL**
 STA 7+77.08
 1 - 8" 90° BENDS (F, F)
 1 - 8" 90° BENDS (F, M, D)
 1 - 8" VALVE (F, M, D)
- BY CITY FORCES AHD OF CONTRACTOR**
 STA 7+90.24
 CUT AND PLUG;
 EX 16" PVC WTR 10' LT, IS RT
 CLOSE EX 16" VALVE ON EX 16" AC
 CONNECTED TO EX 30" CCL
 REMOVE EX 8" X 8" REDUCER AHD
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED.
- BY CONTRACTOR TO FURNISH & INSTALL**
 1 - 8" CROSS (F)
 3 - 8" VALVES (F, M, D) AHD, RT, LT
 1 - 8" VALVE (F) BK
 1 - 8" X 6" REDUCER (F, M, D) BK
 2 - 10' OF 8" PVC WTR LT, RT
 1 - 20' OF 8" PVC BK
- BY CONTRACTOR TO FURNISH & INSTALL**
 1 - 25' OF 16" PVC LT, RT

REFERENCE:
 WATER 13549-2-0
 SEWERS 27364-15-D
 STORM DRAIN: 8683-L
 GAS
 ELECTRIC
 CABLE TV
 TELEPHONE
 IMPROVEMENTS: I2385-B
 100' SCALE/FIELD
 BOOK - 212-1737/395
 THOMAS BROS. 12595-H5
 HGL ALVARADO 536

RETIREMENTS:
 6" - AC - 800' - 1979
 1" SERVICE - 30' - UNK - 1979
 2" SERVICE - 4' - UNK - 1979



CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

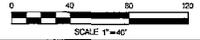
CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

ABANDONED
 RR TRACKS

CAUTION

CAUTION

DETAIL 'B'
 SEE THIS SHEET

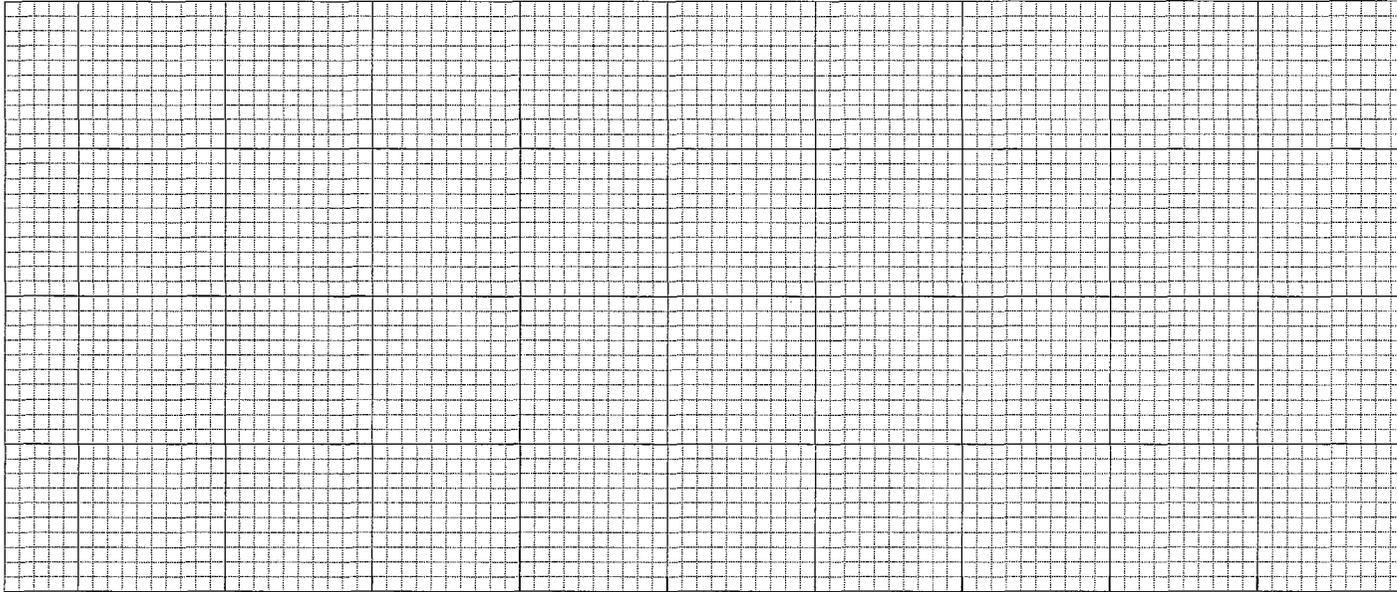
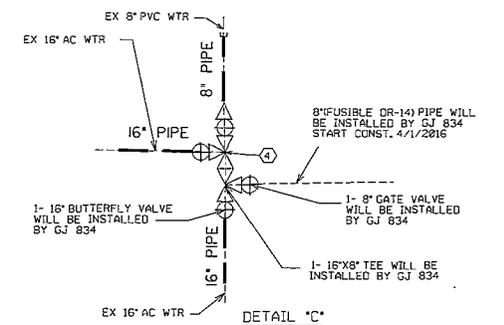


AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 43
 MARLBOROUGH AVE & 42TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA		PUBLIC WORKS DEPARTMENT	
EXHIBIT B OF 30			
DESCRIPTION	BY	APPROVED	DATE FILED
ORIGINAL	SEVER		
SAL CASTILLO PROJECT ENGINEER		212-1737	
REGAN OWEN PROJECT MANAGER		2287 COORDINATOR	
6304407-1854444 CDSB COORDINATOR		39034-11-D	

Horizontal Alignment Review Report

Marlborough av	PI 7+27.36 1854902.57 6298605.53	Tangential Length: 7.00
	PI 7+34.36 1854902.45 6298612.53	Tangential Direction: 1.59
	PI 1+00.00 1854275.32 6298593.52	Tangential Length: 224.16
	PI 3+24.16 1854499.45 6298597.48	Tangential Direction: 0.02
	PI 5+2.78 1854688.03 6298601.12	Tangential Length: 188.62
	PI 7+27.36 1854902.57 6298605.53	Tangential Direction: 0.02
	PI 7+34.36 1854902.45 6298612.53	Tangential Length: 28.00
	PI 7+42.37 1854901.97 6298640.53	Tangential Direction: 1.59
	PI 8+23.84 1854899.69 6298771.98	Tangential Length: 131.47
	PI 8+93.84 1854899.69 6298771.98	Tangential Direction: 1.59
	POE 9+10.31 1854899.43 6298788.44	Tangential Length: 16.47



CONTRACTOR'S NOTE:
EX AC WATER MAIN TO BE HIGHLINE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE CITY FOR WATER MAIN SHUTDOWNS AND PRIOR TO PLACING WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

BY CITY FORCES AHD OF CONTRACTOR STA 1+00.00 CUT AND PLUG: EX 16" AC WTR 10' AHD RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

BY CITY FORCES AHD OF CONTRACTOR STA 7+27.36 CUT AND PLUG: EX 8" PVC WTR 50' LT RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

BY CITY FORCES AHD OF CONTRACTOR STA 9+10.38 CUT AND PLUG: EX 8" PVC WTR 10' AHD RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

REFERENCE:
WATER: 18544-12-D, 27093-12-D, 18544-13-D, 30709-36-D
SEWER: 13676-L
STORM DRAIN:
GAS:
ELECTRIC:
CABLE TV:
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD BOOK:
214-1137/1885
THOMAS BROS.: 1269-HS
HGL: ALVARADO 536

CONTRACTOR TO FURNISH & INSTALL STA 5+12.78
1- 16"X8" TEE (F)
1- 8" VALVE RT (F, M, J)
1- 8"X4" REDUCER RT (F, M, J)
1- 4" FS ASSY CONNECTION

CONTRACTOR TO FURNISH & INSTALL STA 7+27.36
1- 16" TEE (F)
1- 16"X8" REDUCER LT (F, M, J)
2- 16" BFLV VALVES BK. LT (M, J, F)
1- 50' OF 8" PVC PIPE LT

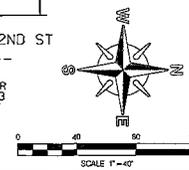
CONTRACTOR TO FURNISH & INSTALL STA 9+10.38=+00.00
1- 16"X12" TEE (F)
1- 16" BFLV BK (F)
1- 16" BFLV AHD (F, M, J)
1- 16"X8" REDUCER AHD (F, M, J)
1- 12" VALVE LT (F, M, J)
1- 10' OF 8" PVC PIPE AHD

CONTRACTOR TO FURNISH & INSTALL STA 3+24.14
1- 16"X8" TEE (F)
1- 16" BFLV BK. AHD (F, M, J)
1- 8" VALVE RT (F, M, J)
1- 16"X8" REDUCER RT (F, M, J)

CONTRACTOR TO FURNISH & INSTALL STA 8+93.88
1- 16"X8" TEE (M, J, F)
1- 8" VALVE RT (F, M, J)
1- 8" FS ASSY CONNECTION

AC WATER & SEWER GROUP JOB 1014
MARLBOROUGH AVE/ORANGE AV
42ND ST AND 41ST ST
EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 12 OF 30		WATER 8-15078 SEWER 8-15079
PROJECT ENGINEER REGAN OWEN		
PROJECT ENGINEER SAL CASTILLO		
PROJECT NUMBER 214-1737		
JOB NUMBER 6298407-185444		
DATE STARTED		DATE COMPLETED
CONTRACTOR		INSPECTOR



Horizontal Alignment Review Report
 Alley btwn 42nd and Van dyke av

PDB 1+00.00 1853587.45 6299145.03
 PI 2+34.15 1853721.57 6299147.50
 Tangential Direction: 0.02
 Tangential Length: 134.15
 PI 2+34.15 1853721.57 6299147.50
 PI 7+78.12 1854265.45 6299157.53
 Tangential Direction: 0.02
 Tangential Length: 543.97
 PI 7+78.12 1854265.45 6299157.53
 PDE 14+05.21 1854892.45 6299168.52
 Tangential Direction: 0.02
 Tangential Length: 627.09

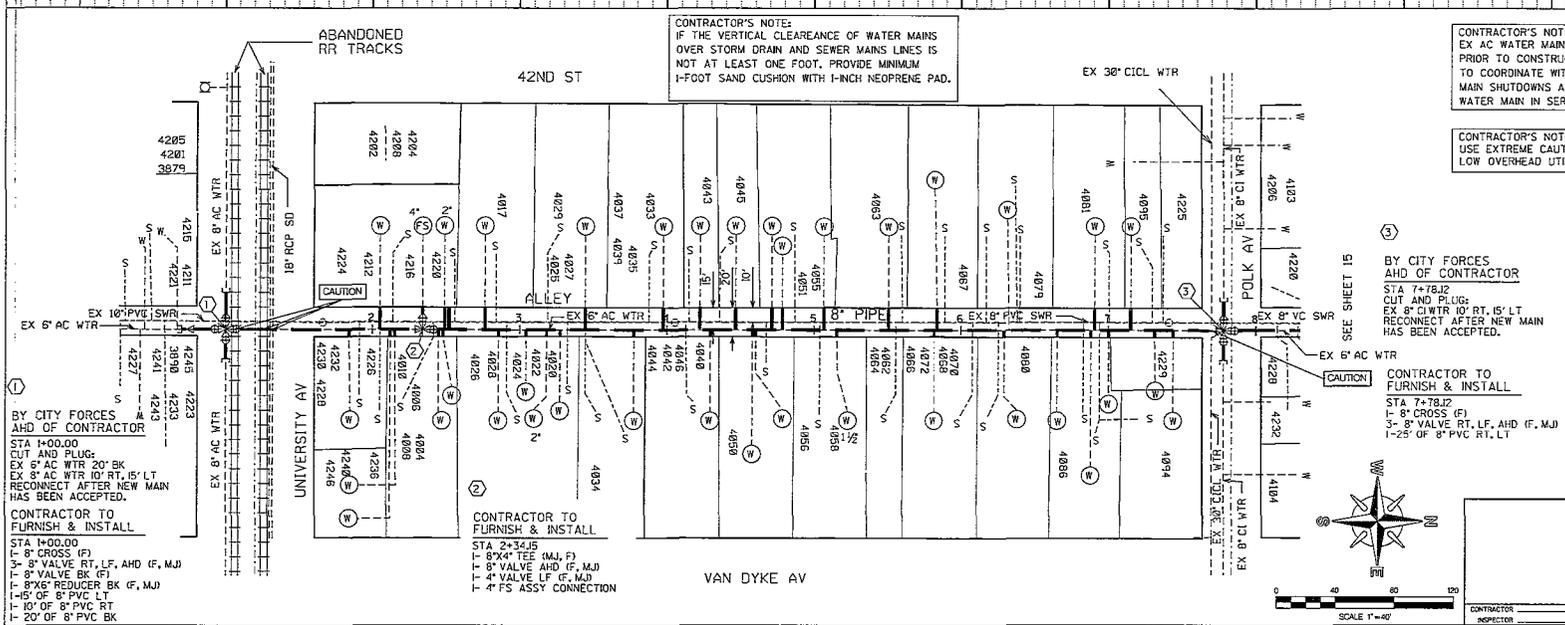
CONTRACTOR'S NOTE:
 IF THE VERTICAL CLEARANCE OF WATER MAINS
 OVER STORM DRAIN AND SEWER MAINS LINES IS
 NOT AT LEAST ONE FOOT, PROVIDE MINIMUM
 1-FOOT SAND CUSHION WITH 1-INCH NEOPRENE PAD.

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

REFERENCE:
 WATER: 19560-5D
 SEWER: 2404-D
 STORM DRAIN: 8683-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK:
 22-4737/395
 THOMAS BROS.: 1269-H5
 HOLI ALVARADO 536

RETIREMENTS:
 6" AC - 682,72' - 1980
 1" SERVICE - 34' - UNK - 1980
 1/2" SERVICE - 1' - UNK - 1980
 2" SERVICE - 2' - UNK - 1980



BY CITY FORCES
 AHD OF CONTRACTOR
 STA 1+00.00
 CUT AND PLUG:
 EX 8" AC WTR 20" BK
 EX 8" AC WTR 10" RT, 15" LT
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED.
 CONTRACTOR TO
 FURNISH & INSTALL
 STA 1+00.00
 1- 8" CROSS (F)
 3- 8" VALVE RT, LF, AHD (F, M, J)
 1- 8" VALVE BK (F)
 1- 8"X6" REDUCER BK (F, M, J)
 1- 6" OF 8" PVC LT
 1- 10' OF 8" PVC RT
 1- 20' OF 8" PVC BK

CONTRACTOR TO
 FURNISH & INSTALL
 STA 2+34.15
 1- 8"X4" TEE (M, J, F)
 1- 8" VALVE AND (F, M, J)
 1- 4" VALVE (F, M, J)
 1- 4" FS ASSY CONNECTION

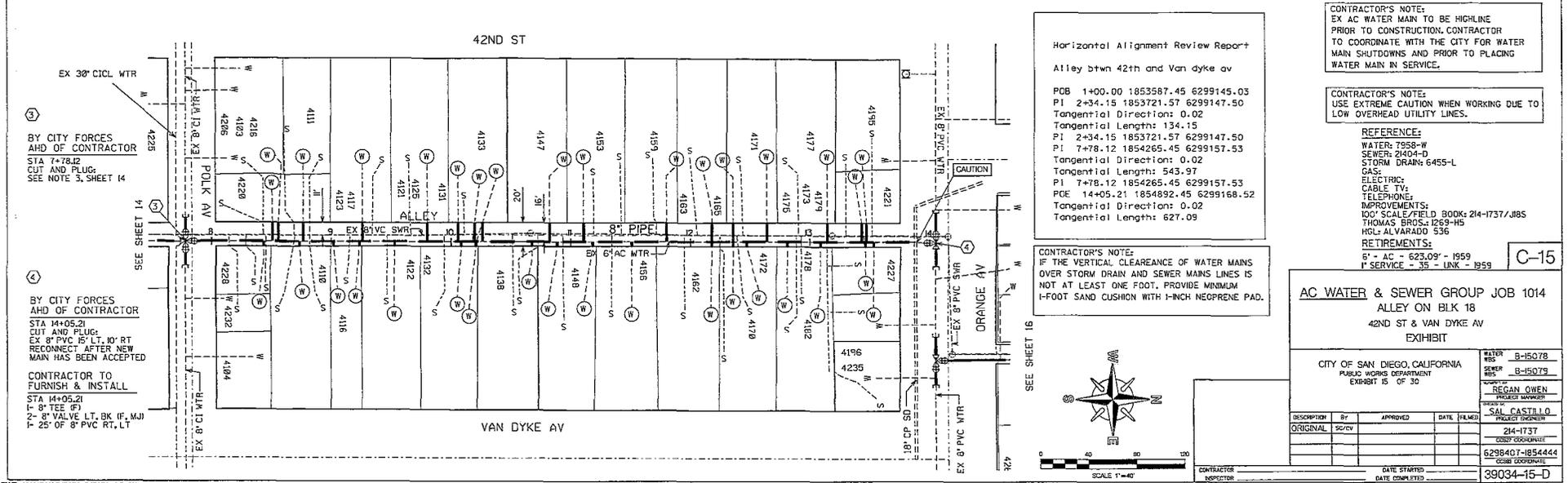
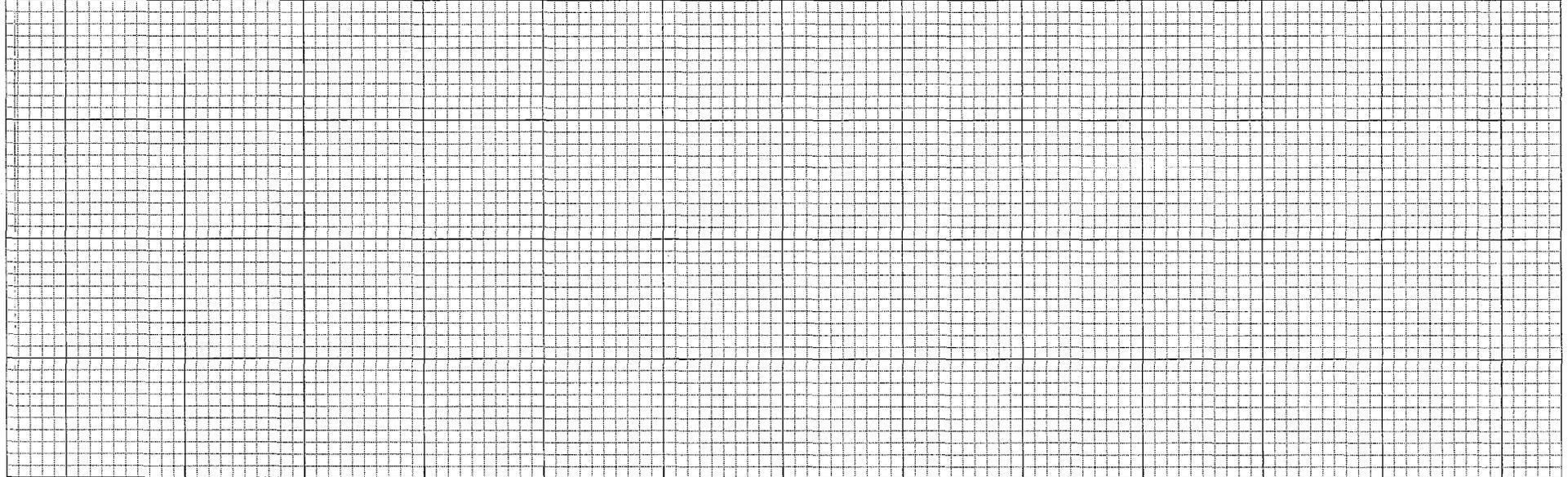
BY CITY FORCES
 AHD OF CONTRACTOR
 STA 7+78.12
 CUT AND PLUG:
 EX 8" CI WTR BY RT, 15" LT
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED.

CONTRACTOR TO
 FURNISH & INSTALL
 STA 7+78.12
 1- 8" CROSS (F)
 3- 8" VALVE RT, LF, AHD (F, M, J)
 1- 25' OF 8" PVC RT, LT

C-14

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLOCK 44
 42ND ST & VAN DYKE AVE
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT H OF 30		WATER B-15078 SEWER WIS B-15079
DESIGNED BY: REGAN OWEN PROJECT MANAGER		CHECKED BY: SAL CASTILLO PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	SC/CEV	
DATE STARTED		DATE COMPLETED
CONTRACTOR INSPECTOR		39034-14-D



Horizontal Alignment Review Report
 Alley btwn 42th and Van dyke av
 POB 1+00.00 1853587.45 6299145.03
 PI 2+34.15 1853721.57 6299147.50
 Tangential Direction: 0.02
 Tangential Length: 134.15
 PI 2+34.15 1853721.57 6299147.50
 PI 7+78.12 1854265.45 6299157.53
 Tangential Direction: 0.02
 Tangential Length: 543.97
 PI 7+78.12 1854265.45 6299157.53
 PCE 14+05.21 1854892.45 6299168.52
 Tangential Direction: 0.02
 Tangential Length: 627.09

CONTRACTOR'S NOTE:
 IF THE VERTICAL CLEARANCE OF WATER MAINS
 OVER STORM DRAIN AND SEWER MAINS LINES IS
 NOT AT LEAST ONE FOOT, PROVIDE MINIMUM
 1-FOOT SAND CUSHION WITH 1-INCH NEOPRENE PAD.

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

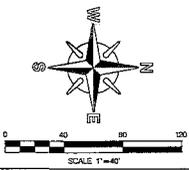
CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

REFERENCE:
 WATERS 7558-W
 SEWERS 2404-D
 STORM DRAIN: 6455-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: 214-1737/885
 THOMAS BROS.: 1259-H5
 HOLY ALVARADO 536
 RETIREMENTS:
 6' - AC - 623.09' - 1959
 1' SERVICE - 35' - LINK - 1959

BY CITY FORCES
 AND OF CONTRACTOR
 STA 7+78.12
 CUT AND PLUG
 SEE NOTE 3, SHEET 14

BY CITY FORCES
 AND OF CONTRACTOR
 STA 14+05.21
 CUT AND PLUG
 EX 8" PVC 15' LT, 10' RT
 RECONNECT AFTER NEW
 MAIN HAS BEEN ACCEPTED

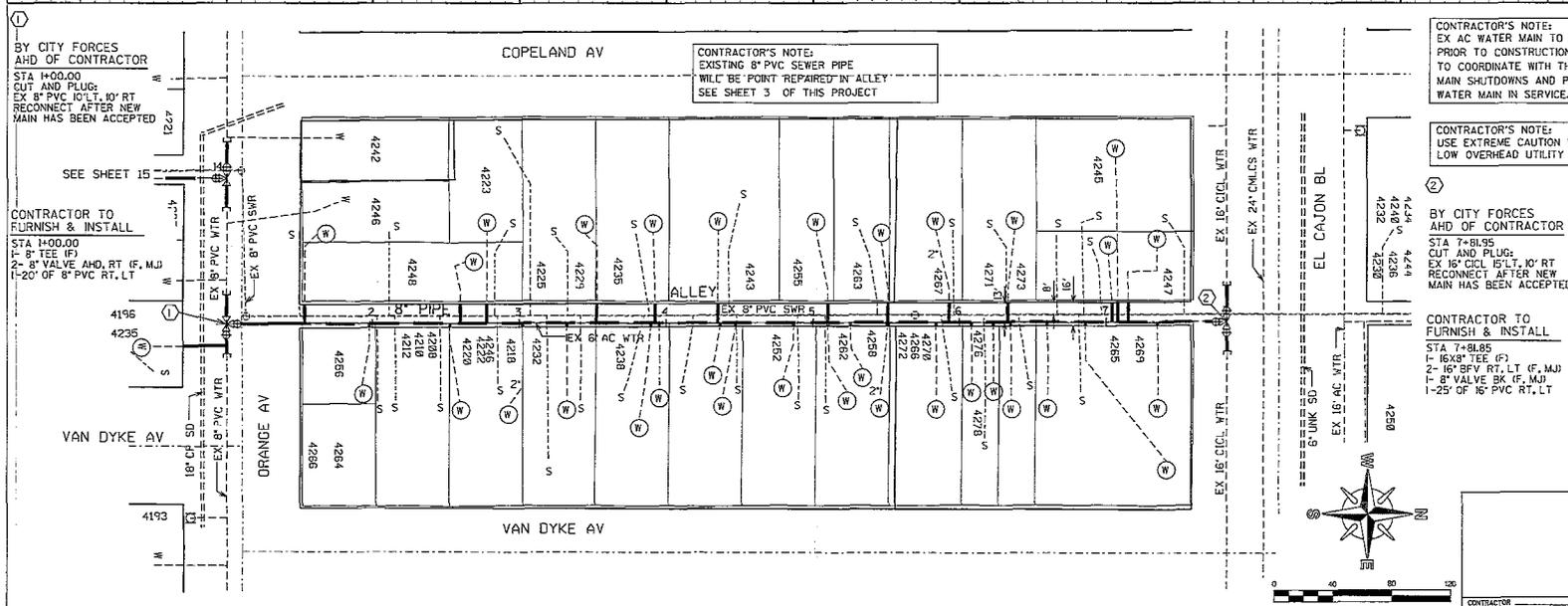
CONTRACTOR TO
 FURNISH & INSTALL
 STA 14+05.21
 1" 8" TEE (F)
 2" 8" VALVE LT, BK (F, MJ)
 1" 25' OF 8" PVC RT, LT



AC WATER & SEWER GROUP JOB 1014
 ALLEY ON BLK 18
 42ND ST & VAN DYKE AV
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 15 OF 30		WATER JOB NO. B-15078
		SEWER JOB NO. B-15079
		DESIGNED BY REGAN OWEN
		CHECKED BY SAL CASTILLO
		PROJECT NUMBER 214-1737
		DATE OF DRAWING 6/29/84
		DATE STARTED 39034-15-D
		DATE COMPLETED

Horizontal Alignment Review Report
 ALLEY BLKS 23
 POB 1+00.00 1854890.57 6299267.53
 PCE 7+81.95 1855572.44 6299278.02
 Tangential Direction: 0.02
 Tangential Lengths: 681.95



BY CITY FORCES
 AND OF CONTRACTOR
 STA 1+00.00
 CUT AND PLUG
 EX 8\"/>

CONTRACTOR TO
 FURNISH & INSTALL
 STA 1+00.00
 1- 8\"/>

CONTRACTOR'S NOTE:
 EXISTING 8\"/>

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTOFFS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

BY CITY FORCES
 AND OF CONTRACTOR
 STA 7+81.95
 CUT AND PLUG:
 EX 16\"/>

CONTRACTOR TO
 FURNISH & INSTALL
 STA 7+81.95
 1- 16X8\"/>

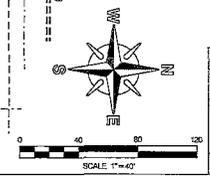
REFERENCE:
 WATER: 27091-12-0, 7543-W,
 1701-7-0
 SEWER: 13675-L
 STORM DRAIN: 6455-L, 5272-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE / FIELD BOOK:
 24-17377 JBS
 THOMAS BROS.: 1269-H4
 HGL: ALVARADO 536

RETIREMENTS:
 6\"/>

C-16

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 23
 COPELAND AV & VAN DYKE AV
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 16 OF 29		WATER No. B-15078 SEWER No. B-15079 PROJECT MANAGER REGAN OWEN PROJECT ENGINEER SAL CASTILLO
DESCRIPTION ORIGINAL	BY 10/07	APPROVED DATE FILED 214-1737 COST COORDINATOR 6298407-1854444 COST COORDINATOR
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED 39034-16-D



Horizontal Alignment Review Report

ALLEY IN BLK 1 1/2

POB 1+00.00 1853550.45 6301215.02
 PI 1+16.73 1853567.18 6301215.27
 Tangential Direction: 0.01
 Tangential Length: 16.73
 PI 1+16.73 1853567.18 6301215.27
 PI 1+32.61 1853583.00 6301216.63
 Tangential Direction: 0.09
 Tangential Length: 15.88
 PI 1+32.61 1853583.00 6301216.63
 PI 1+66.64 1853617.03 6301216.76
 Tangential Direction: 0.00
 Tangential Length: 34.03
 PI 1+66.64 1853622.03 6301216.78
 POE 7+74.04 1854229.36 6301226.33
 Tangential Direction: 0.02
 Tangential Length: 607.41

REFERENCE:
 WATER: 19360-T-D, 12498-H-D
 SEWER: 12498-H-D
 STORM DRAIN: 6463-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE FIELD BOOK: 212-1787/195
 THOMAS BROS., 1269-HS
 HGL: ALVARADO 536

RETIREMENTS:
 8" - AC - 674' - 1966
 1" SERVICE - 31 - UNK - 1966
 2" SERVICE - 2 - UNK - 1966

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

BY CITY FORCES
 AHD OF CONTRACTOR
 STA 7+74.04
 CUT AND PLUG:
 EX 12" AC WTR 15' LT
 EX 6" CI WTR 25' AHD
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED.

CONTRACTOR TO
 FURNISH & INSTALL
 STA 7+74.04
 1- 12"X8" CROSS (F)
 2- 12" VALVE RT. LT. (F, MJ)
 1- 8" VALVE BK (F, MJ)
 1- 8" VALVE AHD (F)
 20' OF 8" PVC PIPE AHD
 1- 8"X6" REDUCER AHD (F, MJ)
 1- 15' OF 12" PVC LT
 1- 25' OF 8" PVC AHD

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 3 1/2
 CHAMOUNE AV & 45TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 17 OF 30		DATE B-15078	SEWER B-15079
PROJECT MANAGER REGAN OWEN		PROJECT ENGINEER SAL CASTILLO	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	SEWER		2/2-11/37
DATE STARTED		DATE COMPLETED	
		39034-17-D	

ABANDONED
RR TRACKS

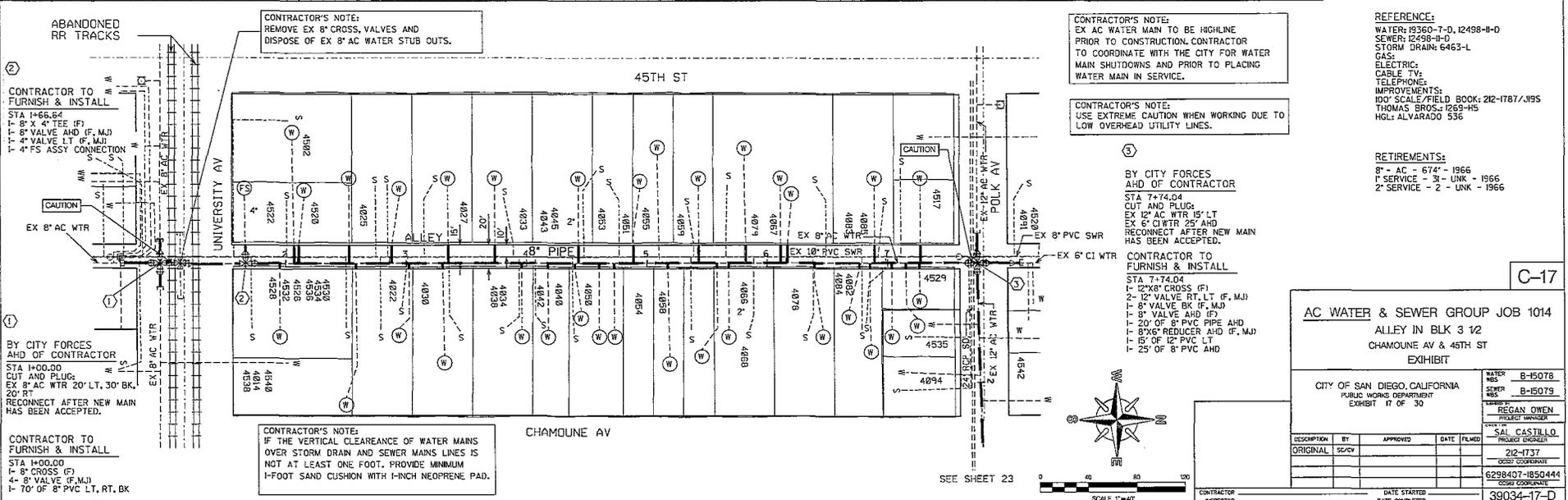
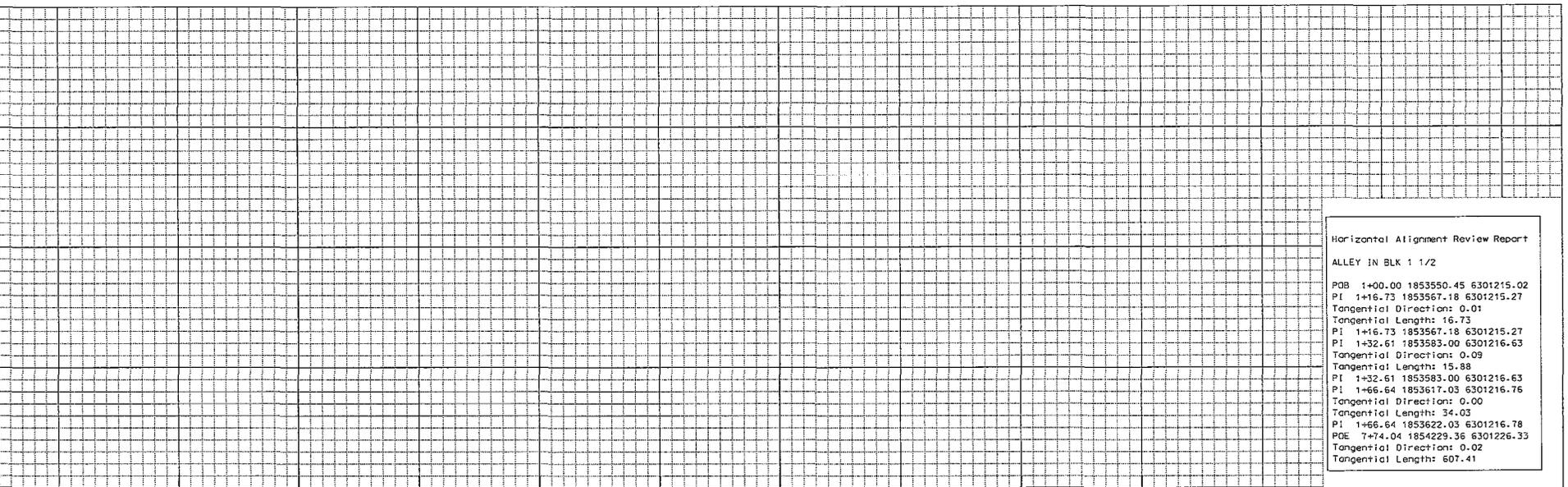
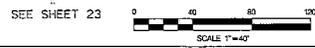
CONTRACTOR TO
FURNISH & INSTALL
STA 1+66.64
1- 8" X 4" TEE (F)
1- 8" VALVE AHD (F, MJ)
1- 4" VALVE LT (F, MJ)
1- 4" FS ASSY CONNECTION

CONTRACTOR'S NOTE:
REMOVE EX 8" CROSS, VALVES AND
DISPOSE OF EX 8" AC WATER STUB OUTS.

BY CITY FORCES
AHD OF CONTRACTOR
STA 1+00.00
CUT AND PLUG:
EX 8" AC WTR 20' LT, 30' BK,
20' RT
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.

CONTRACTOR TO
FURNISH & INSTALL
STA 1+00.00
1- 8" CROSS (F)
4- 8" VALVE (F, MJ)
1- 70' OF 8" PVC LT, RT, BK

CONTRACTOR'S NOTE:
IF THE VERTICAL CLEARANCE OF WATER MAINS
OVER STORM DRAIN AND SEWER MAINS LINES IS
NOT AT LEAST ONE FOOT, PROVIDE MINIMUM
1-FOOT SAND CUSHION WITH 1-INCH NEOPRENE PAD.



Horizontal Alignment Review Report
 ALLEY IN BLK 17 AND 52
 POB 1+00.00 1853544.45 6301543.02
 PI 2+58.03 1853702.45 6301546.00
 Tangential Direction: 0.02
 Tangential Length: 158.03
 PI 2+58.03 1853702.45 6301546.00
 PI 7+80.11 1854224.45 6301555.52
 Tangential Direction: 0.02
 Tangential Length: 522.09
 PI 7+80.11 1854224.45 6301555.52
 POE 14+49.71 1854893.95 6301567.02
 Tangential Direction: 0.02
 Tangential Length: 669.60

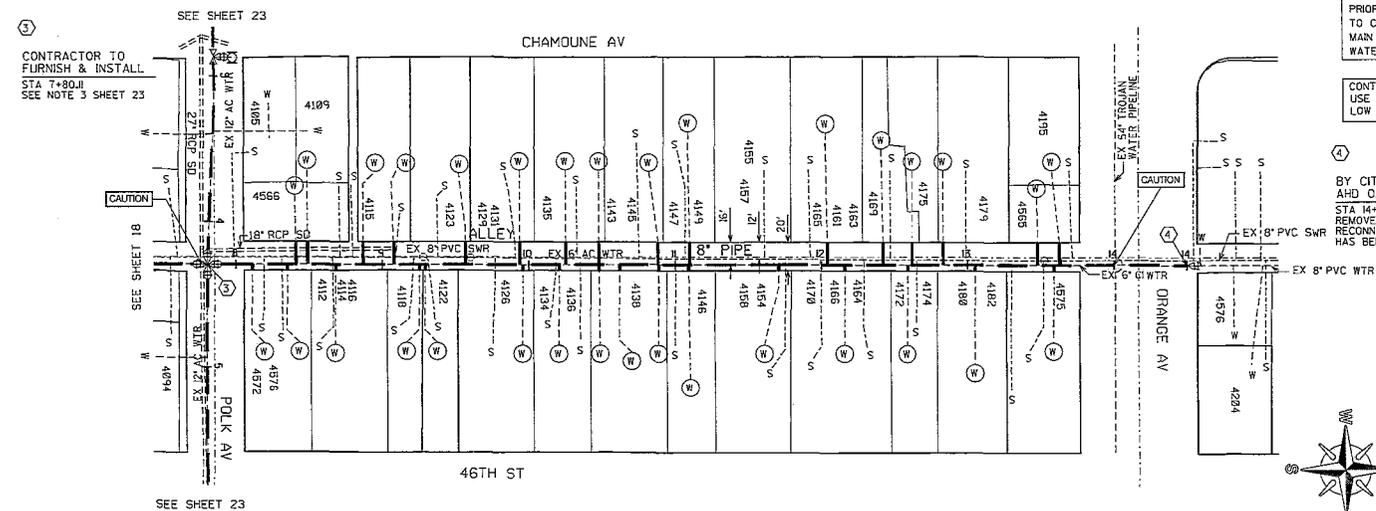
CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION, CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

REFERENCE:
 WATER: 34504-20-D
 SEWER: 13667-L
 STORM DRAIN: 6463-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: 214-1740-/JRS
 THOMAS BROS.-1259-JS
 HCL: ALVARADO 536

RETIREMENTS:
 6" - AC - 398' - 1949
 6" - CI - 272' - 1996
 1" SERVICE - 32 - UNK - 1949/1996

BY CITY FORCES
 AND OF CONTRACTOR
 STA 14+49.71
 REMOVE EX REDUCER
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED.



CONTRACTOR TO
 FURNISH & INSTALL
 STA 7+80.11
 SEE NOTE 3 SHEET 23

CAUTION

CAUTION

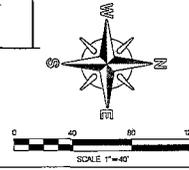
C-19

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 52
 CHAMOUNE AV & 46TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 SHEET 19 OF 30

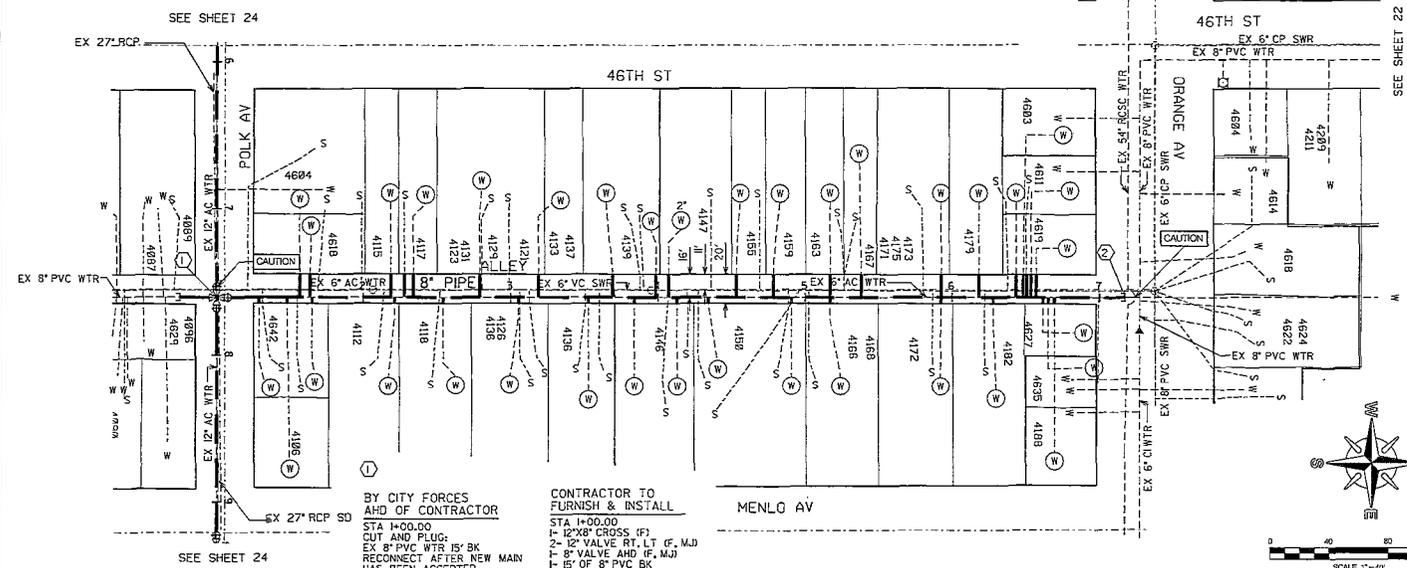
DESCRIPTION	BY	APPROVED	DATE	PLAID
ORIGINAL	SC/UV			

WATER JOB: B-15078
 SEWER JOB: B-15079
 PROJECT MANAGER: RIGGAN OWEN
 PROJECT ENGINEER: SAL CASTILLO
 214-1740
 6299407-1854444
 0383 COORDINATE
 DATE STARTED: 39034-19-D
 DATE COMPLETED:



Horizontal Alignment Review Report

ALLEY IN BLK 1
 PDB 1+00.00 1854218.45 6301886.52
 PGE 7+17.14 1854835.48 6301898.02
 Tangential Direction: 0.02
 Tangential Length: 617.14



CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE CITY FOR WATER MAIN SHUTDOWNS AND PRIOR TO PLACING WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

CONTRACTOR'S NOTE:
 IF THE VERTICAL CLEARANCE OF WATER MAINS OVER STORM DRAIN AND SEWER MAINS LINES IS NOT AT LEAST ONE FOOT, PROVIDE MINIMUM 1-FOOT SAND CUSHION WITH 1-INCH NEOPRENE PAD.

BY CITY FORCES AND OF CONTRACTOR:
 STA 7+17.14 REMOVE EX PLUG CONNECT TO EX 8" PVC AFTER NEW MAIN HAS BEEN ACCEPTED.

REFERENCE:
 WATER: 19360-T-D, 26316-23-D
 1936-4-D, 3952-44-D
 SEWER: 13666-L, 25324-D
 STORM DRAIN: 6463-L
 GDS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
IMPROVEMENTS:
 100' SCALE FIELD BOOK:
 202-1740, 214-1740
 7/BS-495
 THOMAS BROS. 1269-J5
 HGL: ALVARADO 536

RETIREMENTS:
 6" - AC - 617.14' - 1946
 1" SERVICE - 35' - UNK - 1946
 2" SERVICE - 1' - UNK - 1946

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 1
 MENLO AV & 46TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 20 OF 30		WATER 8-15078
		SEWER 8-15079
DRAWN BY REGAN OWEN PROJECT NUMBER		
CHECKED BY SAL CASTILLO PROJECT ENGINEER		
DESCRIPTION	BY	APPROVED
ORIGINAL	SC/AV	
		DATE
		PLANNED
		DATE STARTED
		DATE COMPLETED
		5298407-1854444 CROSS CONNECTION
		39034-20-D

Horizontal Alignment Review Report
 University Av btwn Menlo & 47 Alley
 POB 1+00.00 1853532.45 6302205.02
 POE 7+86.12 1854218.45 6302217.98
 Tangential Direction: 0.02
 Tangential Length: 686.12

ABANDONED RR TRACKS
 BY CITY FORCES AHD OF CONTRACTOR
 STA 1+00.00
 CUT AND FILL:
 EX 8" AC WTR 10' RT, 15' LT
 EX 8" PVC WTR 20' BK
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

CONTRACTOR TO FURNISH & INSTALL
 STA 1+00.00
 1- 8" GROSS (F)
 4- 8" VALVES (F, M, J)
 1- 45" 8" PVC PIPE
 15' LT, 10' RT, 20' BK (F, M, J)

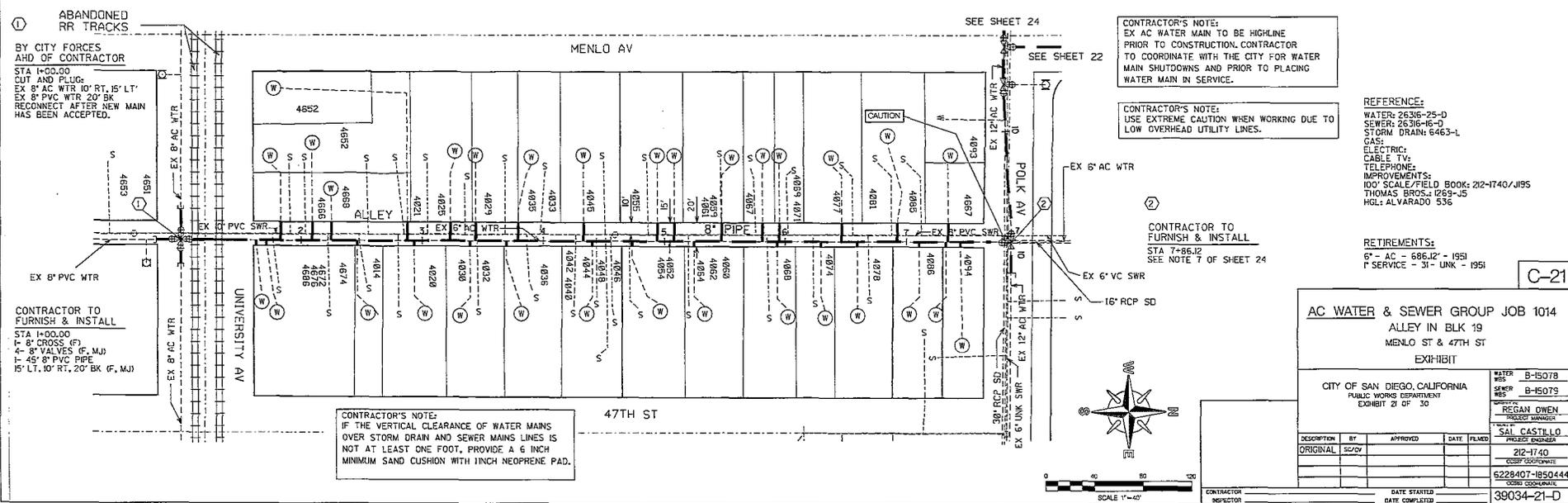
CONTRACTOR'S NOTE:
 IF THE VERTICAL CLEARANCE OF WATER MAINS OVER STORM DRAIN AND SEWER MAINS LINES IS NOT AT LEAST ONE FOOT, PROVIDE A 6 INCH MINIMUM SAND CUSHION WITH INCH NEOPRENE PAD.

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE CITY FOR WATER MAIN SHUTDOWNS AND PRIOR TO PLACING WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

REFERENCE:
 WATER: 26316-25-D
 SEWER: 26316-16-D
 STORM DRAIN: 6463-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: 212-1740/J195
 THOMAS BROS., 1269-J5
 HGL: ALVARADO 536

RETIREMENTS:
 6" - AC - 686.12' - 1951
 1" SERVICE - 31' LINK - 1951



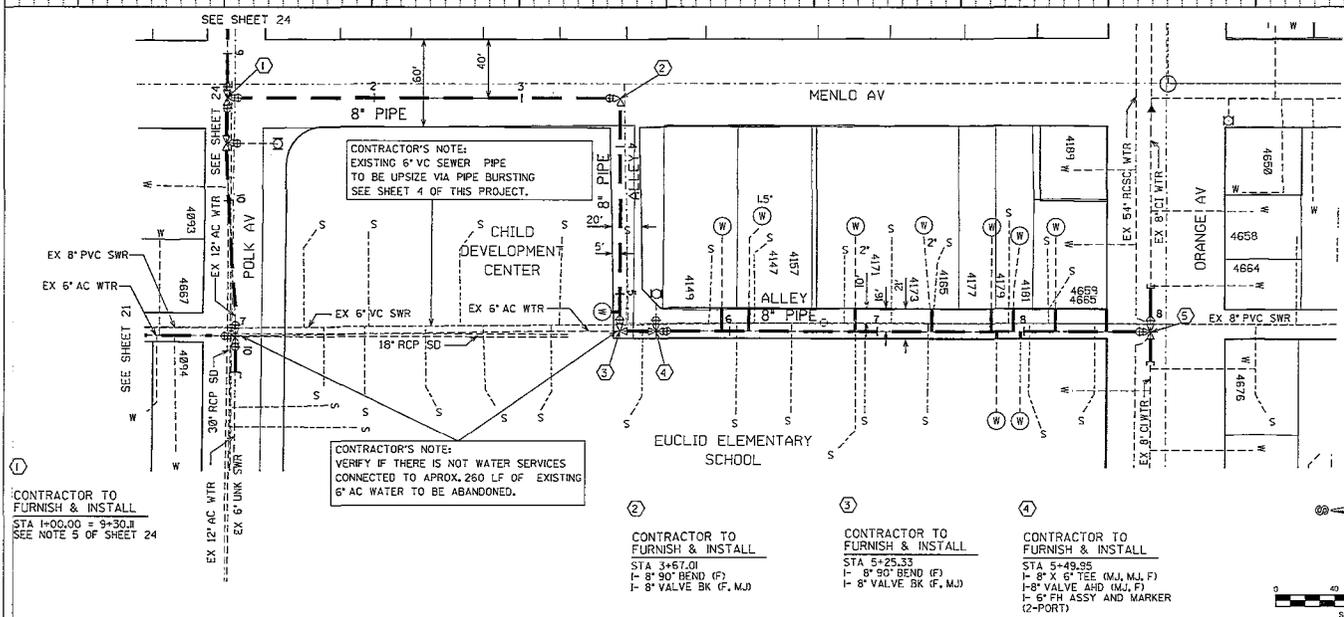
C-21

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 19
 MENLO ST & 47TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 21 OF 30				WATER MISC - B-15078 SEWER MISC - B-15079 PROJECT MANAGER: REGAN OWEN PROJECT ENGINEER: SAI CASTILLO
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	SC/2V			
212-1740 CITY OF SAN DIEGO				6228-107-1850444 CITY OF SAN DIEGO
CONTRACTOR INSPECTION			DATE STARTED	DATE COMPLETED
			39034-21-D	

Horizontal Alignment Review Report

University Av btwn Menlo & 47 Alley
 PCB 1+00.00 1854215.30 6302056.16
 PI 3+67.01 1854482.26 6302060.92
 Tangential Direction: 0.02
 Tangential Length: 267.01
 PI 3+67.01 1854482.26 6302060.92
 PI 5+25.33 1854479.18 6302219.21
 Tangential Direction: 1.59
 Tangential Length: 158.32
 PI 5+25.33 1854479.18 6302219.21
 PI 5+49.95 1854503.80 6302219.69
 Tangential Direction: 0.02
 Tangential Length: 24.62
 PI 5+49.95 1854503.80 6302219.69
 PCE 8+85.67 1854839.46 6302226.11
 Tangential Direction: 0.02
 Tangential Length: 335.72



CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE CITY FOR WATER MAIN SHUTDOWNS AND PRIOR TO PLACING WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

REFERENCE:
 WATER 1936-4-D
 SEWER 35291-24-D
 STORM DRAIN 6463-L
 GAS
 ELECTRIC
 CABLE TV
 TELEPHONE
IMPROVEMENTS:
 100' SCALE/FIELD BOOK: 212-1740, 214-1740/UBS, JPS
 THOMAS BROS. 1269-J5
 HGL: ALVARADO 536

BY CITY FORCES AHD OF CONTRACTOR
 STA 8+95.87
 CUT AND PLUG:
 EX 8" CI WTR 20' LT, 10' RT
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

RETIREMENTS:
 6" AC - 360.54' - 1955
 FH (2-PORT) - 1
 1" SERVICE - 7 - LUNK - 1955
 1 1/2" SERVICE - 1 - LUNK - 1955
 2" SERVICE - 2 - LUNK - 1955

CONTRACTOR TO FURNISH & INSTALL
 STA 8+95.87
 1- 8" TEE (M,J,F)
 3- 8" VALVE BK, RT, LT (F, M,J)
 1- 30' OF 8" PVC, 20' LT, 10' RT

C-22

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 3
 MENLO AV & EUCLID AV
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 22 OF 30		WATER B-15078 SEWER B-15079
DESIGNED BY REGAN OWEN PROJECT MANAGER		SCALE SAL CASTILLO PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	SC/CT	DATE
		DATE FILMED
		DATE
		DATE COMPLETED
		DATE STARTED
		DATE COMPLETED

CONTRACTOR TO FURNISH & INSTALL
 STA 1+00.00 = 9+30.00
 SEE NOTE 5 OF SHEET 24

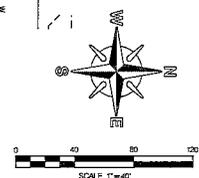
CONTRACTOR'S NOTE:
 EXISTING 6" VC SEWER PIPE TO BE UPSIZE VIA PIPE BURSTING SEE SHEET 4 OF THIS PROJECT.

CONTRACTOR'S NOTE:
 VERIFY IF THERE IS NOT WATER SERVICES CONNECTED TO APPROX. 260 LF OF EXISTING 6" AC WATER TO BE ABANDONED.

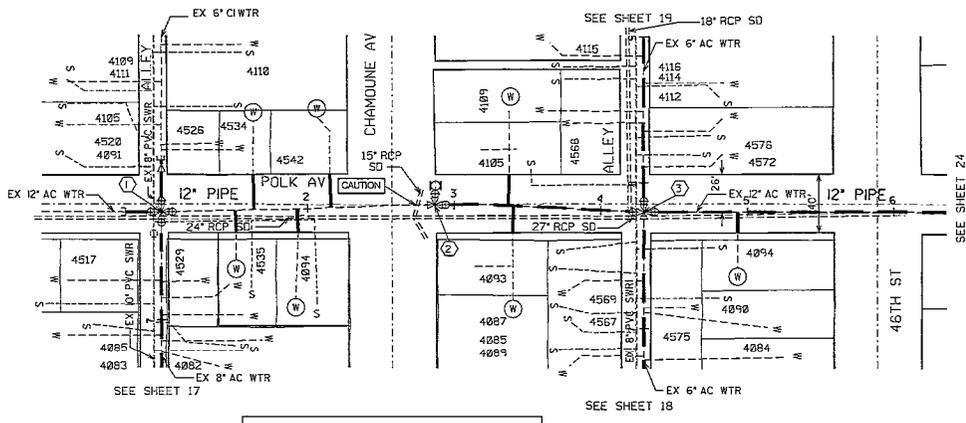
CONTRACTOR TO FURNISH & INSTALL
 STA 3+67.01
 1- 8" 90° BEND (F)
 1- 8" VALVE BK (F, M,J)

CONTRACTOR TO FURNISH & INSTALL
 STA 5+25.33
 1- 8" 90° BEND (F)
 1- 8" VALVE BK (F, M,J)

CONTRACTOR TO FURNISH & INSTALL
 STA 5+49.95
 1- 8" X 6" TEE (M,J, M,J, F)
 1- 8" VALVE AHD (M,J, F)
 1- 6" TH ASSY AND MARKER (2-PORT)



Horizontal Alignment Review Report
 Polk ave
 POB 1+00.00 1854229.36 6301226.33
 PI 2+86.87 1854231.65 6301413.19
 Tangential Direction: 1.56
 Tangential Length: 186.87
 P1 2+86.87 1854231.65 6301413.19
 PI 4+29.38 1854224.45 6301555.52
 Tangential Direction: 1.62
 Tangential Length: 142.51
 P1 4+29.38 1854224.45 6301555.52
 PI 7+60.44 1854218.45 6301886.52



CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

①
 BY CITY FORCES
 AHD OF CONTRACTOR
 STA 1+00 = 7+74.04
 CUT AND PLUG;
 SEE NOTE 3 SHEET 17

②
 CONTRACTOR TO
 FURNISH & INSTALL
 STA 2+86.87
 1- 12"x6" TEE (M.J. F)
 1- 8" VALVE AND (F. M.J)
 1- 6" FH ASSY AND MARKER
 (2-PORT)

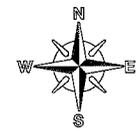
③
 CONTRACTOR TO
 FURNISH & INSTALL
 STA 4+29.38
 1- 12"x8" CROSS (F)
 2- 12" VALVES AND BK (F. M.J)
 1- 8" VALVE LT (F. M.J)

EXACT LOCATION OF THE NEW FH
 TO BE DETERMINED BY RESIDENT ENGINEER
 IN RELATION TO THE INSTALLATION OF
 CURB RAMP ON THIS CORNER.

REFERENCE:
 WATER: 19360-T-D, 12590-S-D
 SEWER: 26316-T-D, 17762-I2-D
 STORM DRAIN: 6463-L, 8033-L
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: 212-1737.
 22-140/JBS
 THOMAS BROS.: 1269-HS
 HGL: ALVARADO 536

RETIREMENTS:
 12" - AC - 500' - 1961
 FH (2-PORT) - 1
 1" SERVICE - 9 - MATERIAL - 1961

CONTRACTOR'S NOTE:
 IF THE VERTICAL CLEARANCE OF WATER MAINS OVER
 STORM DRAIN AND SEWER PIPES IS NOT AT LEAST
 1 FOOT, PROVIDE A 6 INCH MINIMUM SAND CUSHION
 WITH 1 INCH NEOPRENE PAD.



C-23

AC WATER & SEWER GROUP JOB 1014
 POLK AV
 45TH ST & 46TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 EXHIBIT 23 OF 30

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	SCVY			

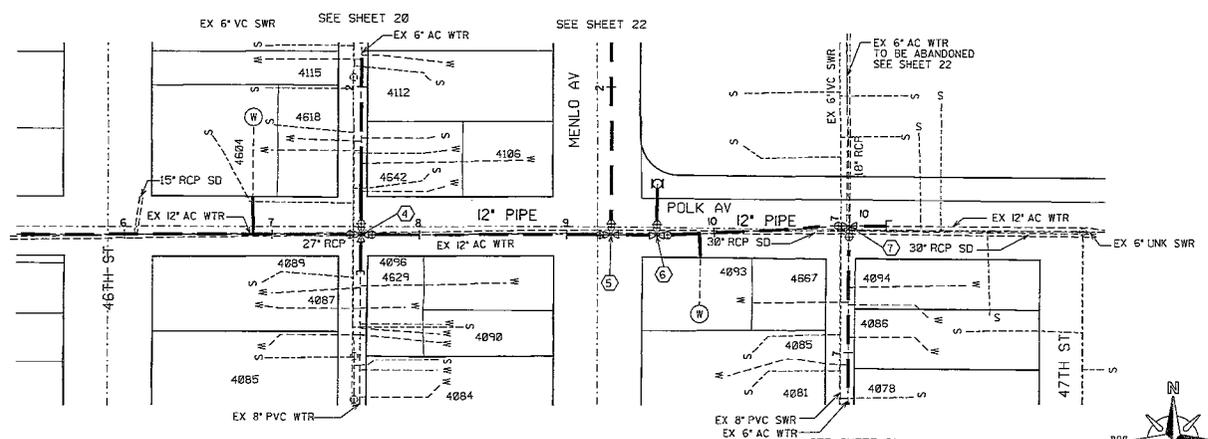
DATE STARTED	DATE COMPLETED

WATER - B-15078
 SEWER - B-15079
 PROJECT MANAGER
 REGAN OWEN
 PROJECT ENGINEER
 SAIL CASTILLO
 212-1737
 6298407-1850444
 39034-23-D

Horizontal Alignment Review Report

Polk ave POB 1+00.00 1854229.36 6301226.33 PI 2+86.87 1854231.65 6301413.18 Tangential Direction: 1.56 Tangential Length: 186.87 PI 2+86.87 1854231.65 6301413.13 PI 4+29.38 1854224.45 6301555.52 Tangential Direction: 1.52 Tangential Length: 142.51 PI 4+29.38 1854224.45 6301555.52 PI 7+60.44 1854218.45 6301886.52 Tangential Direction: 1.59 Tangential Length: 331.05 PI 7+60.44 1854218.45 6301886.52 PI 9+30.11 1854215.30 6302056.15 Tangential Direction: 1.59 Tangential Length: 169.67	PI 9+30.11 1854215.30 6302056.15 PI 9+65.98 1854214.50 6302092.02 Tangential Direction: 1.59 Tangential Length: 35.87 PI 9+65.98 1854214.50 6302092.02 PI 10+54.73 1854217.01 6302180.74 Tangential Direction: 1.54 Tangential Length: 88.75 PI 10+54.73 1854217.01 6302180.74 PI 10+84.59 1854218.95 6302210.54 Tangential Direction: 1.51 Tangential Length: 29.86 PI 10+84.59 1854218.95 6302210.54 POE 10+92.05 1854218.35 6302217.97 Tangential Direction: 1.65 Tangential Length: 7.46
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- ④ CONTRACTOR TO FURNISH & INSTALL
STA 7+60.44 = 1+00.00
SEE NOTE 1 SHEET 20
- ⑤ CONTRACTOR TO FURNISH & INSTALL
STA 9+30.11 = 1+00.00
1- 12"X8" TEE (F)
2- 12" VALVE AHD, BK (F, M, J)
1- 8" VALVES LT (F, M, J)
- ⑥ CONTRACTOR TO FURNISH & INSTALL
STA 9+65.98
1- 12"X8" TEE (M, L, M, J, F)
1- 6" FH ASSY AND MARKER (2-PORT)



- ⑦ BY CITY FORCES AND OF CONTRACTOR
STA 10+92.05
CUT AND PILES
EX 12" AC WTR 10' AHD
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.
- CONTRACTOR TO FURNISH & INSTALL
STA 10+92.05
1- 12"X8" TEE (F)
2- 12" VALVE AHD, BK (F, M, J)
1- 8" VALVES RT (F, M, J)
1- 10' OF 12" PVC AHD

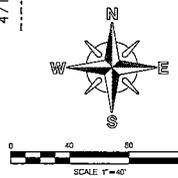
REFERENCE:
 WATER: 19360-6-D
 SEWER: 13667-L, 13666-I-L
 STORM DRAIN: 5272-L, 6463-L, 1758-D
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE / FIELD 500K; 212-1740 / JHS
 THOMAS BROS. = 1263-HIS
 HCL: ALVARADO 536

RETIREMENTS:
 12" - AC - 492.05' - 1961
 FH (2-PORT) - 1
 1" SERVICE - 2 - UNK - 1961

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION, CONTRACTOR TO COORDINATE WITH THE CITY FOR WATER MAIN SHUTDOWNS AND PRIOR TO PLACING WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 IF THE VERTICAL CLEARANCE OF WATER MAINS OVER STORM DRAIN AND SEWER PIPES IS NOT AT LEAST 1 FOOT, PROVIDE A 6 INCH MINIMUM SAND CUSHION WITH 1 INCH NEOPRENE PAD.

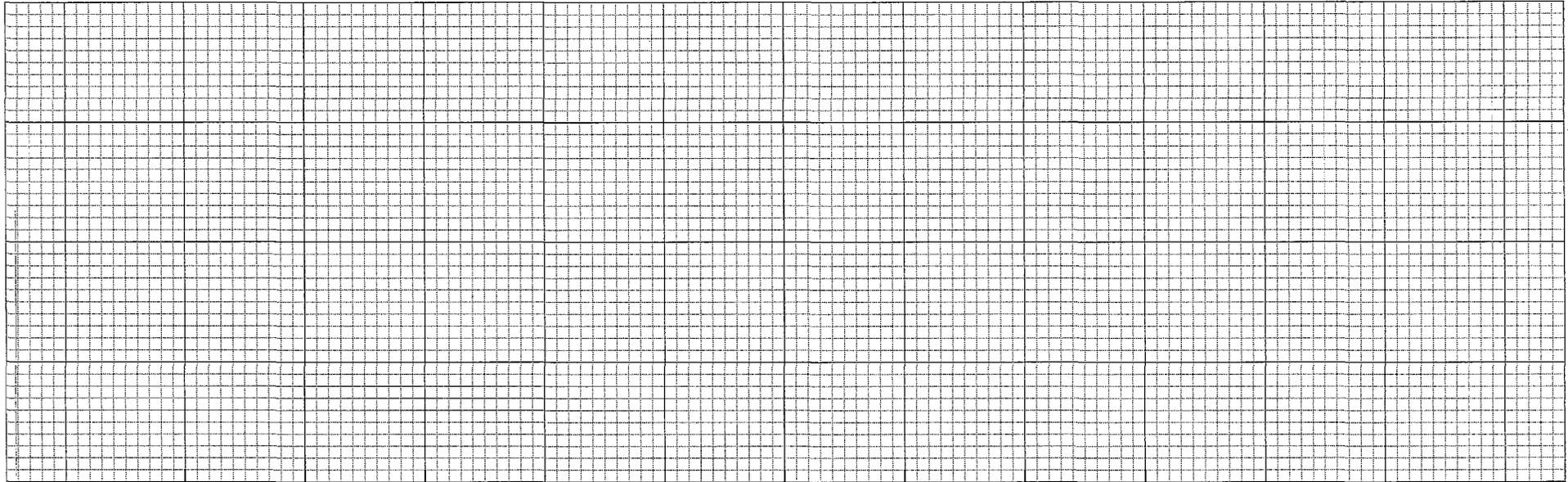


CONTRACTOR	DATE STARTED	DATE COMPLETED
INSPECTOR		

C-24

AC WATER & SEWER GROUP JOB 1014
 POLK AV
 46TH ST & 47TH ST
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 24 OF 30		WATER RES B-15078 SEWER RES B-15079
REGAN OWEN PROJECT MANAGER		
SAL CASTELLO PROJECT ENGINEER		
DISCUSSION BY APPROVED DATE FILED		212-1740
ORIGINAL SERV		6298407-1850444
DATE STARTED		39034-24-D
DATE COMPLETED		



①
 BY CITY FORCES
 AHD OF CONTRACTOR
 STA 1+00.00
 CUT & PLUG
 EX 8" PVC WTR 10' BK
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED
 CONTRACTOR TO
 FURNISH + INSTALL
 STA 1+00.00
 1- 8" X 6" TEE (M,L,MJ,F)
 1- 8" VALVE BK (F,MJ)
 1- 8" VALVE RT (F,MJ)
 1- 10' OF 8" PIPE BK

②
 CONTRACTOR TO
 FURNISH + INSTALL
 STA 2+79.91
 1- 8" 90° BEND (F)
 2- 8" VALVE (F,MJ)

③
 BY CITY FORCES
 AHD OF CONTRACTOR
 STA 6+53.05
 CUT & PLUG
 EX 8" PVC WTR 10' RT
 RECONNECT AFTER NEW MAIN
 HAS BEEN ACCEPTED
 CONTRACTOR TO
 FURNISH + INSTALL
 STA 6+53.05
 1- 8" 90° BEND (F)
 2- 8" VALVE RT, BK (F,MJ)
 1- 10' OF 8" PIPE RT

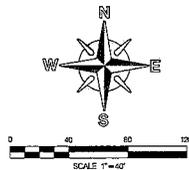
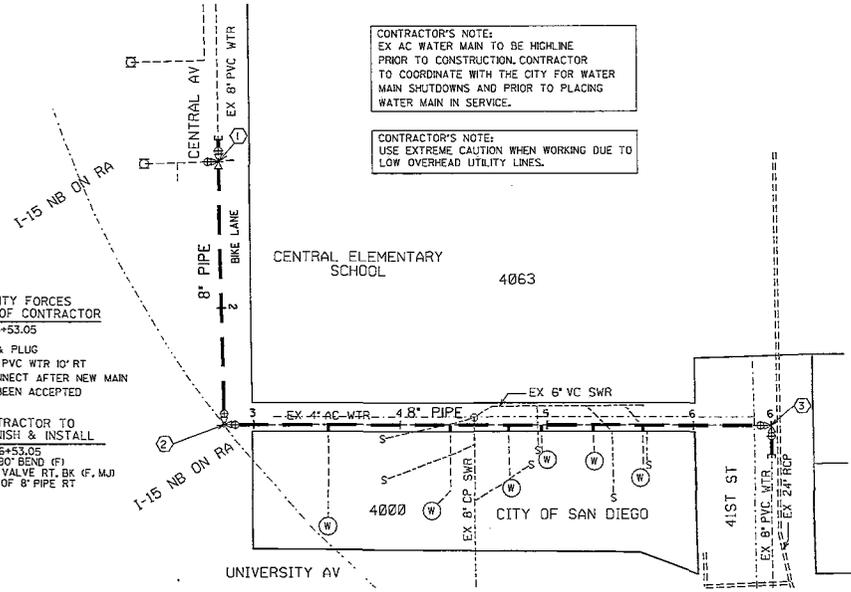
CONTRACTOR'S NOTE:
 EX AC WATER MAIN TO BE HIGHLINE
 PRIOR TO CONSTRUCTION. CONTRACTOR
 TO COORDINATE WITH THE CITY FOR WATER
 MAIN SHUTDOWNS AND PRIOR TO PLACING
 WATER MAIN IN SERVICE.

CONTRACTOR'S NOTE:
 USE EXTREME CAUTION WHEN WORKING DUE TO
 LOW OVERHEAD UTILITY LINES.

Horizontal Alignment Review Report
 Alley btwn University and fwy 15
 PDB 1+00.00 1853955.98 6297834.85
 PI 2+79.91 1853776.07 6297833.50
 Tangential Direction: 3.15
 Tangential Length: 179.91
 PI 2+79.91 1853776.07 6297833.50
 POE 6+53.05 1853765.77 6298206.50
 Tangential Direction: 1.60
 Tangential Length: 373.14

REFERENCE:
 WATER: 13491-D-27727-D
 SEWER: 30709-D
 STORM DRAIN: 17443-D
 GAS:
 ELECTRIC:
 CABLE TV:
 TELEPHONE:
 IMPROVEMENTS: 27168-271-D
 100' SCALE FIELD BOOK: 212-1734/1195
 THOMAS BROS.: 1269-05
 HGL: ALVARADO 536

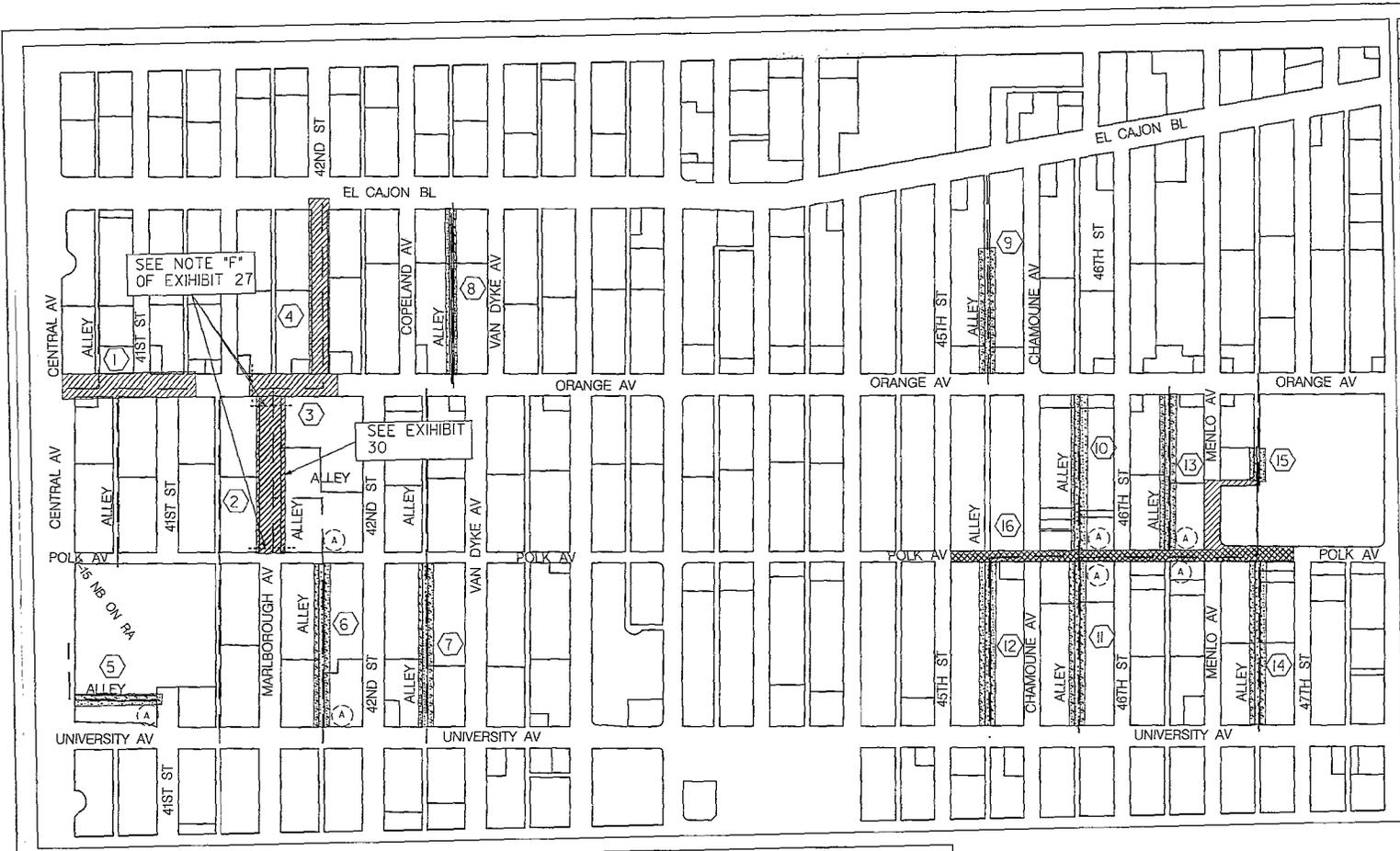
RETIREMENTS:
 4" - AC - 373J4' - 1951
 1" SERVICE - 6 - UNK - 1951



C-25

AC WATER & SEWER GROUP JOB 1014
 ALLEY IN BLK 41
 UNIVERSITY AV & POLK AVE
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 25 OF 30		WATER MSB B-15078 SEWER MSB B-15079
PROJECT MANAGER REGAN OWEN		PROJECT ENGINEER SAL CASTILLO
DESCRIPTION	BY	APPROVED
ORIGINAL	SC/VCY	
		DATE
		FILED
		212-1734
		6292401-1850444
		39034-25-D



PAVING SCHEDULE NOTES				
NO.	LOCATION	RESTORATION REQUIRED	WIDTH	APPROX. AREA
1	ORANGE AV	AC	80.00'	41,440.00
2	MARLBOROUGH AV	SLURRY	80.00'	45,760.00
3	ORANGE AV	SLURRY	85.00'	10,800.00
4	42 ND ST	SLURRY	80.00'	36,360.00
5	ALLEY BLK 41	CONCRETE	15.00'	4,530.00
6	ALLEY BLK 43 & 17	CONCRETE	20.00'	12,040.00
7	ALLEY BLK 44	CONCRETE	23.00'	12,096.00
8	ALLEY BLK 17	CONCRETE	15.00'	9,305.00
9	ALLEY BLK 3	CONCRETE	20.00'	14,640.00
10	ALLEY BLK 52	CONCRETE	20.00'	12,000.00
11	ALLEY BLK 17	CONCRETE	20.00'	12,000.00
12	ALLEY BLK 3 10	CONCRETE	20.00'	11,980.00
13	ALLEY BLK 1	CONCRETE	20.00'	11,560.00
14	ALLEY BLK 19	CONCRETE	20.00'	12,096.00
15	ALLEY BLK 3	CONCRETE	20.00'	2,000.00
16	POLK AV	AC	43.00'	45,458.00
17	MENLO AV	SLURRY	60.00'	12,780.00
TOTAL AREA OF SLURRY SEAL			33,035.00 SF	
TOTAL AREA OF RESURFACE AC			86,895 SF	
TOTAL AREA OF CONCRETE			84,055 SF	
TOTAL GUTTER CONCRETE			2,800 SF	

LEGEND

- APPROXIMATE LOCATION OF SLURRY SEAL
- APPROX. LIMITS OF RESURFACE AC OVERLAY
- APPROX. LIMITS OF CONCRETE PAVEMENT
- CONTRACTOR SHALL INSTALL NEW ALLEY APRON IN ACCORDANCE WITH SDG-120
- CROSS GUTTER
- LOCATION PER PAVING SCHEDULE NOTES (THIS SHEET)
- COLD MILLING ASPHALT CONCRETE PAVEMENT-SDG-106



NOT TO SCALE

C-26

AC WATER & SEWER GROUP JOB 1014
STREET RESURFACING
EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
EXHIBIT 26 OF 30

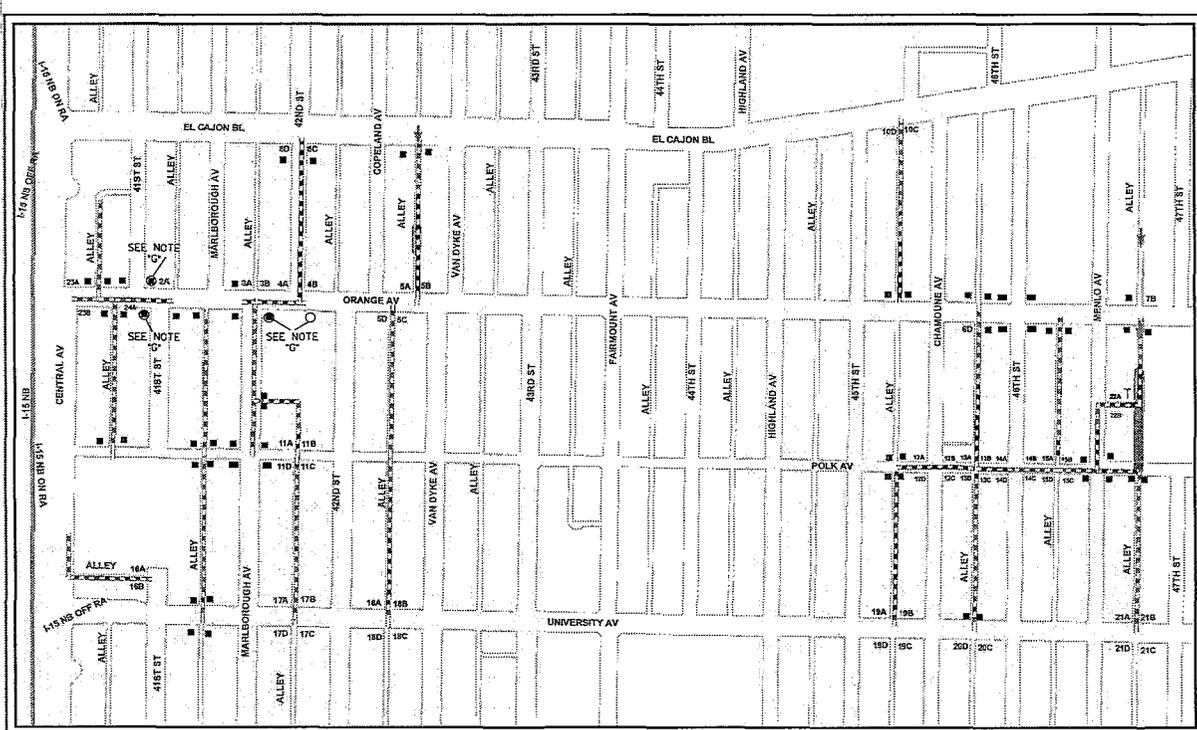
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	SC/CV			

CONTRACTOR: _____ DATE STARTED: _____
INSPECTOR: _____ DATE COMPLETED: _____

WATER MISC: B-15078
SEWER MISC: B-15079
CITY ENGINEER: REGAN OWEN
PROJECT MANAGER: SAL CASTILLO
PROJECT ENGINEER: _____
SEE SHEETS: _____
SEE SHEETS: _____
39034-26-D

AC Water & Sewer GJ 1014
Appendix K-AC Water & Sewer GJ 1014 Exhibit Plans (Rev. July 2015)

STREET RESURFACING



LOCATION (10)	RAMP TYPE	NEW	REPLACEMENT	DETECTABLE WARNING TILES			CONSTRAINTS	COMMENTS / MODIFICATIONS
				HISTORIC STAMPS	STAINLESS STEEL	OTHER		
20C	D							
20D	D							
21A	D							
21B	D							
21C	D							
21D	D							
22A	D							
22B	D							
23A	A							
23B	A							
24A	B							

NOTE:

A. CONTRACTOR MAY USE NON STAINLESS STEEL DETECTABLE WARNING TILE (DWT) MATERIAL PER THE CITY'S AML IF THE DWT HAS TO BE TRIMMED TO CONFORM WITH THE CURB RAMP CONFIGURATION.

B. THE PLACEMENT OF THE CURB RAMP SHALL NOT AFFECT THE EXISTING DRAINAGE PATTERN ON THE STREET. CONFIRM LOCATION WITH RESIDENT ENGINEER PRIOR TO INSTALLATION.

C. CONTRACTOR TO REPLACE LIFTED, DAMAGED OR MISSING SIDEWALK PANELS WITHIN THE ENTIRE CURB RETURN AND ALONG THE IMMEDIATE SIDEWALK AREAS LEADING TO THE CURB RETURN.

D. CONTRACTOR TO NOTIFY THE RESIDENT ENGINEER OF ANY OTHER DAMAGED AND LIFTED SIDEWALK PANELS THAT ARE OUTSIDE OF THE SCOPE OF WORK BUT WITHIN THE PROJECT AREA AND LEADING TO THE CORNERS THAT WILL BE IMPROVED BY THE PROJECT. THE RESIDENT ENGINEER SHALL CONTACT THE CITY'S STREET DIVISION TO REQUEST FOR AN IMMEDIATE REPAIR OF THE DAMAGED AND/OR LIFTED SIDEWALK PANELS.

E. COUNTER SLOPES (CURB RAMP SLOPE PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13% WITH THE EXCEPTION OF A TYPE C2 AND C1 ADJUST THE SLOPE OF THE MAIN RAMP AND/OR STREET IF THE COUNTER SLOPE EXCEEDS 5.0%.

F. RESTRIPE ALL EXISTING CROSSWALK TO CONFORM TO CONTINENTAL CROSSWALK PER SDM-16.

G. INSTALL PEDESTRIAN BARRICADE PER SDE-103.

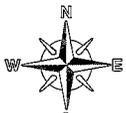
NOTE: CONTRACTOR TO NOTIFY SURVEYING 30 DAYS PRIOR TO REMOVAL OF SIDEWALK FOR CURB RAMP CONSTRUCTION TO RELOCATE ANY SURVEY MARKERS.

* THE DETECTABLE WARNING TILES SHALL BE PER THE CITY'S APPROVED MATERIALS LIST

LOCATION (10)	RAMP TYPE	NEW	REPLACEMENT	DETECTABLE WARNING TILES			CONSTRAINTS	COMMENTS / MODIFICATIONS
				HISTORIC STAMPS	STAINLESS STEEL	OTHER		
2A	B							
3A	D							BRING THE CURRENT ALLEY APRON TO CURRENT STANDARD SDG-120
3B	D							BRING THE CURRENT ALLEY APRON TO CURRENT STANDARD SDG-120
4A	A							SEE NOTE G
4B	CASE C							CASE C, BLENDED TRANSITION, SDG-130 SEE NOTE G
5A	D							
5B	D							
5C	D							
5D	D							
6D	D							PROVIDE RETAINING CURB
7B	D							
8C								INSTALL A PEDESTRIAN BARRICADE SDE-103./REPLACE CROSS GUTTER.
8D								INSTALL A PEDESTRIAN BARRICADE SDE-103./REPLACE CROSS GUTTER.
10C	D							
10D	D							
11A	D							REPLACE ALLEY APRON SDG-120
11B	D							REPLACE ALLEY APRON SDG-120
11C	D							
11D	D							DESIGN CR TO ACCOMMODATE THE DRIVEWAY
12A	B							INSTALL TWO(2) DIRECTIONAL CR/RELOCATE POLE SIGN & MOVE LIMIT LINE
12B	B							INSTALL TWO(2) DIRECTIONAL CR/RELOCATE POLE SIGN & FH
12C	B							INSTALL (2) DIRECTIONAL CR /RELOCATE POLE SIGN & MOVE LIMIT LINE
12D	B							INSTALL (2) DIRECTIONAL CR /RELOCATE POLE SIGN & MOVE LIMIT LINE
13A	D							DESIGN CR TO ACCOMMODATE THE DRIVEWAY
13B	D							REPLACE ALLEY APRON SDG-120
13C	D							REPLACE ALLEY APRON SDG-120
13D	D							REPLACE ALLEY APRON SDG-120
14A	B							INST. (2) DIRECTIONAL CURB RAMP/ADJUST THE DRIVEY OPENING IF NECESSARY
14B	C2							INSTALL (2) DIRECTIONAL CR/RELOCATE POLE SIGN/PROVIDE RETAINING CURB
14C	B							INST. (2) DIRECTIONAL CR/ADJUST THE DRIVEY OPENING IF NECESSARY
14D	B							INSTALL (2) DIRECTIONAL CURB RAMP
15A	D							REPLACE ALLEY APRON SDG-120
15B	D							REPLACE ALLEY APRON SDG-120
15C	D							REPLACE ALLEY APRON SDG-120
15D	D							REPLACE ALLEY APRON SDG-120
16A	D							REPLACE ALLEY APRON SDG-120
16B	D							REPLACE ALLEY APRON SDG-120
17A	D							REPLACE ALLEY APRON SDG-120
17B	D							REPLACE ALLEY APRON SDG-120
17C	D							REPLACE ALLEY APRON SDG-120
17D	D							REPLACE ALLEY APRON SDG-120
18A	D							
18B	D							
18C	D							
18D	D							REPLACE EX CR WITH MODIFIED TYPE D, LEVEL LENDING AT MAIN ENTRANCE
19A	D							PROVIDE RETAINING CURB ALONG THE SIDES
19B	D							PROVIDE RETAINING CURB ALONG THE SIDES
19C	D							FULL TYPE D
19D	D							FULL TYPE D

* 16A & 16B IF THE ALLEY IS ABANDON, IN-FILL THE OPENING WITH A STANDARD SIDEWALK, CURB AND GUTTER SHEET SHT 25 OF DESIGN COMPLIANCEE

- LEGEND**
- (B) CURB RAMP NO's
 - + EX UTILITY POLE
 - EX FIRE HYDRANT
 - EX STREET LIGHT
 - T EX TREE
 - ▷ EX STREET SIGN
 - EX CURB RAMP



PROPOSED CURB RAMPS PER STANDARD DRAWINGS:
 CURB RAMP A & B SDG-132
 CURB RAMP - TYPE C1 SDG-134
 CURB RAMP - TYPE C2 SDG-135
 CURB RAMP - TYPE D SDG-136
 GENERAL CURB RAMP NOTES & SUPPLEMENTAL DETAILS SDG-130
 EX STAMP/IMPRESSION PLACEMENT SDG-115

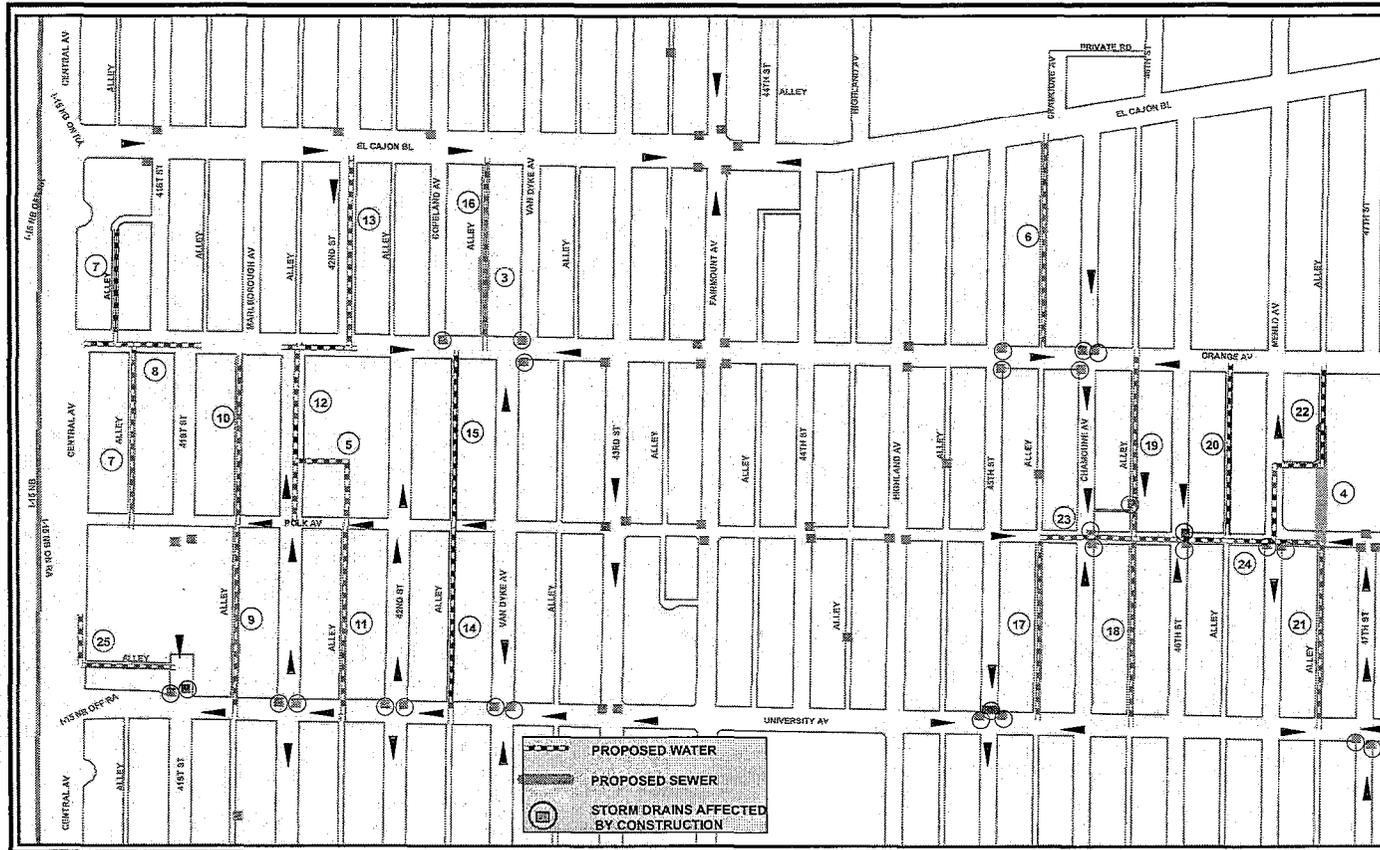
AC WATER & SEWER GROUP JOB 1014
 CURB RAMPS
 EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 EXHIBIT 27 OF 30

DESCRIPTION	BY	APPROVED	DATE FILED
ORIGINAL	SCGV		

WATER NO. B-15078
 SEWER NO. B-15079
 PROJECT NO. REGAN OWEN
 PROJECT NUMBER
 SAL CASTILLO
 PROJECT ENGINEER
 SEE SHEETS
 39034-27-D

CONTRACTOR: _____ DATE STARTED: _____
 INSPECTOR: _____ DATE COMPLETED: _____



LEGEND

SURFACE FLOW TO STORM DRAIN ARROWS

SHEET NO'S 4

ADDITIONAL NOTES SUPPLIED BY CONTRACTOR

STAGING/STOCKPILE AREA X

PROPOSED WATER

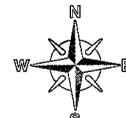
PROPOSED SEWER

STORM DRAINS AFFECTED BY CONSTRUCTION

NOTES:

1. THE INFORMATION ON THIS SITE PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTOR TO INSTALL WATER POLLUTION CONTROL DEVICES AT GENERAL LOCATIONS THROUGHOUT THE PROJECT SITE. THIS SITE PLAN IS TO BE USED IN CONJUNCTION WITH THE NARRATIVE SECTION OF THE WATER POLLUTION CONTROL SPECIFICATIONS.
2. INLET PROTECTION REQUIRED AT ALL STORM DRAINS RECEIVING RUNOFF FROM DISTURBED SOIL AREAS.
3. CONTRACTOR TO UPDATE / REVISE AS NECESSARY.
4. THE INFORMATION ON THE SITE PLAN IS ACCURATE FOR WATER POLLUTION CONTROL PURPOSES ONLY.

NOTE:
THIS SHEET IS USED FOR PROJECTS WITH LESS THAN ONE (1) ACRE IN DISTURBED SOIL AREAS.



NO SCALE

C-29

AC WATER & SEWER GROUP JOB 1014
WATER POLLUTION CONTROL SITE PLAN
EXHIBIT

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT EXHIBIT 29 OF 30		WATER NO'S B-15078
		SEWER NO'S B-15079
PROJECT MANAGER SAL CASTILLO		PROJECT SUPERVISOR SEE SHEETS
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
		39034-29-D

ATTACHMENT F
INTENTIONALLY LEFT BLANK

**ATTACHMENT G
CONTRACT AGREEMENT**

CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Portillo Concrete, Inc., herein called "Contractor" for construction of AC Water & Sewer GJ 1014; Bid No. K-16-1449-DBB-3 in the amount of FOUR MILLION SEVEN HUNDRED AND EIGHTEEN THOUSAND SEVEN HUNDRED SEVENTY THREE DOLLARS AND ZERO CENTS (\$4,718,773.00), which is comprised of the Base Bid.

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) Phase Funding Schedule Agreement.
 - (e) That certain documents entitled **AC Water & Sewer GJ 1014**, on file in the office of the Public Works Department as Document No. **B-15078, B-15079** 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 AC Water & Sewer GJ 1014, Bid Number K-16-1449-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.

CONTRACT AGREEMENT (continued)

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Jan I. Goldsmith, City Attorney

By Stephen Samara

By Pedro De Lara, Jr.

Print Name: Stephen Samara
Principal Contract Specialist
Public Works Department

Print Name: Pedro De Lara, Jr.
Deputy City Attorney

Date: 6-13-16

Date: 6/10/16

CONTRACTOR

By Mario Portillo

Print Name: MARIO PORTILLO

Title: PRES/CEO

Date: 5/13/16

City of San Diego License No.: B1990006538

State Contractor's License No.: 680144

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000004389

CERTIFICATIONS AND FORMS

Instruction to Bidders, Section 1 - 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 7-13.3, "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

AMERICAN 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 American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American 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 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

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:

(Name of Project or Task)

as particularly described in said contract and identified as Bid No. _____ ; SAP No. (WBS/IO/CC) _____; 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 _____, _____.

_____ Contractor

by

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

ELECTRONICALLY SUBMITTED FORMS

THE FOLLOWING FORMS MUST BE SUBMITTED IN PDF FORMAT WITH BID SUBMISSION

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. EQUAL BENEFITS ORDINANCE - CERTIFICATION
OF COMPLIANCE**

**Bids will not be accepted until ALL forms are submitted
as part of the bid submittal**

BID BOND

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

KNOW ALL MEN BY THESE PRESENTS,

That Portillo Concrete, Inc. as Principal, and
The Ohio Casualty 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.

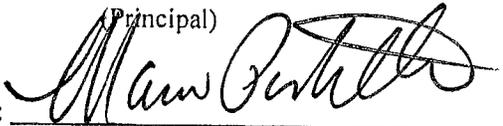
WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under the bidding schedule(s) of the OWNER's Contract Documents entitled

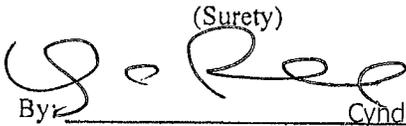
AC Water and Sewer GJ 1014

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 25th day of March, 20 16

Portillo Concrete, Inc. (SEAL) The Ohio Casualty Insurance Company (SEAL)

By: 
(Signature)

By: 
(Signature) Cyndi Beilman
Attorney-in-Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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

STATE OF CALIFORNIA

County of San Diego }

On March 25, 2016 before me, Pam Davis, Notary Public,
Date Insert Name of Notary exactly as it appears on the official seal

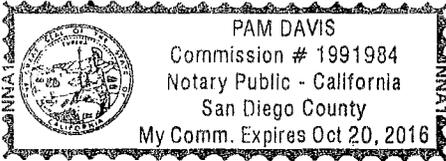
personally appeared Cyndi Beilman
Name(s) of Signer(s)

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

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

Witness my hand and official seal.

Signature *Pam Davis*
Signature of Notary Public Pam Davis



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another 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: _____

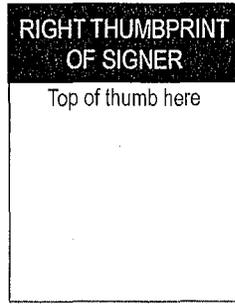
- Individual
- Corporate Officer — Title(s): _____
- Partner Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer is Representing:

Signer's Name: _____

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



Signer is Representing:

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

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

Certificate No. 7193601

American Fire and Casualty Company
The Ohio Casualty Insurance Company

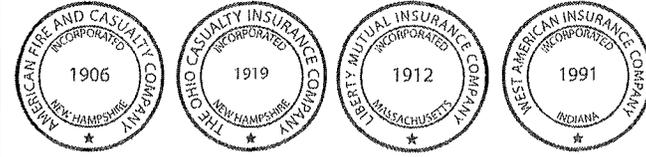
Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Anne Wright; Cyndi Beilman; Dana Michaelis

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

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 1st day of December, 2015.



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

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 1st day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

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

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

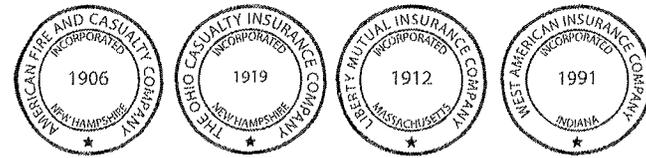
ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 25th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

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

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

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: Portillo Concrete, Inc.

Certified By Mario Portillo Title President/CEO

Mario Portillo
Name

Date 4/22/16

Signature

USE ADDITIONAL FORMS AS NECESSARY

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:

CITY OF SAN DIEGO

EQUAL BENEFITS PROGRAM

202 C Street, MS 9A, San Diego, CA 92101

COMPANY INFORMATION

Company Name: Portillo Concrete, Inc.	Contact Name: Mario Portillo
Company Address: 3527 Citrus St. Lemon Grove, CA 91942	Contact Phone: 619-466-4639 Contact Email: mportillo@portilloconcreteinc.com

CONTRACT INFORMATION

Contract Title: AC Water & Sewer GJ 1014	Start Date:
Contract Number (if no number, state location): San Diego	End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm’s equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm’s compliance status with the EBO. The City may request supporting documentation.

- I affirm **compliance** with the EBO because my firm (*contractor must select one reason*):
- Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.
- I request the City’s approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Mario Portillo/President

Name/Title of Signatory

Signature

4/22/16

Date

FOR OFFICIAL CITY USE ONLY

Receipt Date: EBO Analyst: Approved Not Approved – Reason:

(Rev 02/15/2011)

Bid Results for Project AC Water & Sewer GI
 Issued on 03/15/2016
 Bid Due on April 22, 2016 2:00 PM (Pacific)
 Exported on 04/25/2016

VendorID	Company Name	Address	City	ZipCode	Country	Contact	Phone	Fax	Email	Vendor Type
295276	Portillo Concrete Inc	3527 Citrus St	Lemon Grove	91945	United States	Mario Portillo	619-466-4639	619-466-4685	mportillo@portilloconcreteinc.com	LAT,MALE,PQUAL,DBE,HUBZ,MBE,CADIR,SDB,Local

Responsee	Responsee Title	Responsee Phone	Responsee Email
Mario Portillo	Pres/CEO	619-466-4639	mportillo@portilloconcreteinc.com

Bid Format	Submitted Date	Delivery Method	Responsive	Status	Confirmation #	Ranking
Electronic	April 22, 2016 12:48:15 PM (Pacific)			Submitted	78440	0

Attachments		
File Title	File Name	File Type
Contractors Certification	Signed Contr Cert.pdf	General Attachments
Equal Benefits Ordinance	Signed Equal Ordinance.pdf	General Attachments
Bid Bond	Signed Bid Bond.pdf	Bid Bond

Line Items							
Item Num	Section	Item Code	Description	Unit of Measure	Quantity	Unit Price	Line Total
1	Main Bid	524126	Bonds (Payment and Performance)	LS	1	\$40,000.00	\$40,000.00
2	Main Bid	238990	Video Recording of Existing Conditions	LS	1	\$2,800.00	\$2,800.00
3	Main Bid	541330	Traffic Control Design (Traffic Control Plans)	LS	1	\$2,500.00	\$2,500.00
4	Main Bid	237310	Traffic Control	LS	1	\$60,000.00	\$60,000.00
5	Main Bid	237310	K-Rail	LF	125	\$100.00	\$12,500.00
6	Main Bid	237310	Flashing Arrow Boards	EA	2	\$3,500.00	\$7,000.00
7	Main Bid	237310	Portable Changeable Message Signs (PCMS) - Type I	AL	1	\$5,000.00	\$5,000.00
8	Main Bid	237110	Mobilization	LS	1	\$80,000.00	\$80,000.00
9	Main Bid	237310	Pedestrian Barricades	EA	8	\$500.00	\$4,000.00
10	Main Bid		Field Orders - Type II	AL	1	\$170,000.00	\$170,000.00
11	Main Bid	238910	Removal and Disposal of Railroad Tracks	LF	250	\$20.00	\$5,000.00
12	Main Bid	238910	Tree Removal	EA	2	\$500.00	\$1,000.00
13	Main Bid	237310	Excavate and Export (Unclassified)	CY	15000	\$5.00	\$75,000.00
14	Main Bid	237310	Class II Base	TON	700	\$55.00	\$38,500.00
15	Main Bid	237310	Cold Mill AC Pavement (0 - 1 1/2")	SF	30000	\$0.30	\$9,000.00
16	Main Bid	237310	Traffic Detector Loop Replacement	EA	2	\$900.00	\$1,800.00
17	Main Bid	237310	Asphalt Pavement Repair	TON	40	\$200.00	\$8,000.00
18	Main Bid	237310	Rubber Polymer Modified Slurry Type I over Type III	SF	118106	\$0.50	\$59,053.00
19	Main Bid	237310	Pavement Restoration Adjacent to Trench	SF	4700	\$8.00	\$37,600.00
20	Main Bid	237310	1-1/2 Inch Asphalt Concrete Overlay and Striping	TON	800	\$100.00	\$80,000.00
21	Main Bid	237310	Concrete Pavement	CY	3600	\$250.00	\$900,000.00
22	Main Bid	237310	Pavement Fabric	SF	10400	\$0.85	\$8,840.00
23	Main Bid	237310	Contractor Date Stamp and Impressions	EA	10	\$200.00	\$2,000.00
24	Main Bid	237310	Cross Gutter	SF	3800	\$15.00	\$57,000.00
25	Main Bid	237310	Alley Apron	SF	400	\$15.00	\$6,000.00
26	Main Bid	237310	Additional Sidewalk Removal and Replacement	SF	600	\$9.00	\$5,400.00
27	Main Bid	237310	Additional Curb & Gutter	LF	100	\$30.00	\$3,000.00
28	Main Bid	237310	Curb Ramp Type D w/ Stainless Steel Detectable Warning Tiles	EA	39	\$2,500.00	\$97,500.00
29	Main Bid	237310	Curb Ramp Type Full Type D w/ Stainless Steel Detectable Warning Tiles	EA	2	\$2,500.00	\$5,000.00
30	Main Bid	237310	Curb Ramp Type Case C w/ Stainless Steel Detectable Warning Tiles	EA	1	\$3,000.00	\$3,000.00
31	Main Bid	237310	Curb Ramp Type B w/ Stainless Steel Detectable Warning Tiles	EA	2	\$3,000.00	\$6,000.00
32	Main Bid	237310	Curb Ramp Type A w/ Stainless Steel Detectable Warning Tiles	EA	3	\$3,000.00	\$9,000.00
33	Main Bid	237310	Modified Curb Ramp Type B w/ Stainless Steel Detectable Warning Tiles	EA	14	\$3,500.00	\$49,000.00
34	Main Bid	237310	Modified Curb Ramp Type C 2 w/ Stainless Steel Detectable Warning Tiles	EA	2	\$3,500.00	\$7,000.00
35	Main Bid	237310	Modified Curb Ramp Type D w/ Stainless Steel Detectable Warning Tiles	EA	3	\$3,000.00	\$9,000.00
36	Main Bid	237110	Trench Shoring	LS	1	\$10,000.00	\$10,000.00
37	Main Bid	237110	Additional Bedding	CY	310	\$5.00	\$1,550.00

38	Main Bid	237310	Temporary Resurfacing	TON	250	\$100.00	\$25,000.00	
39	Main Bid	237110	Imported Backfill	TON	2500	\$20.00	\$50,000.00	
40	Main Bid	237110	Video inspecting pipelines and culverts for Acceptance	LF	920	\$1.00	\$920.00	
41	Main Bid	541370	Survey Monuments	EA	3	\$1,500.00	\$4,500.00	
42	Main Bid	237310	Traffic Striping & Painting of Curb Markings	LS	1	\$5,800.00	\$5,800.00	
43	Main Bid	541330	Water Pollution Control Program Development	LS	1	\$1,000.00	\$1,000.00	
44	Main Bid	237310	Water Pollution Control Program Implementation	LS	1	\$3,000.00	\$3,000.00	
45	Main Bid	237310	Adjusting Existing Gate Valve Cover to Grade	EA	8	\$500.00	\$4,000.00	
46	Main Bid	237110	4-Inch Valve	EA	4	\$1,400.00	\$5,600.00	
47	Main Bid	237110	8-Inch Water Main	LF	11570	\$85.00	\$983,450.00	
48	Main Bid	237110	8-Inch Gate Valve	EA	79	\$2,100.00	\$165,900.00	
49	Main Bid	237110	12-Inch Water Main	LF	1703	\$120.00	\$204,360.00	
50	Main Bid	237110	12-Inch Gate Valve	EA	13	\$2,300.00	\$29,900.00	
51	Main Bid	237110	16-Inch Water Main	LF	920	\$140.00	\$128,800.00	
52	Main Bid	237110	16-Inch Butterfly Valve	EA	11	\$3,700.00	\$40,700.00	
53	Main Bid	237110	Thrust and Anchor Blocks	EA	6	\$700.00	\$4,200.00	
54	Main Bid	237110	8-Inch Fire Service Assembly & Backflow Preventer	EA	1	\$12,000.00	\$12,000.00	
55	Main Bid	237110	6-Inch Fire Service Assembly & Backflow Preventer	EA	1	\$11,000.00	\$11,000.00	
56	Main Bid	237110	4-Inch Fire Service Assembly & Backflow Preventer	EA	4	\$8,700.00	\$34,800.00	
57	Main Bid	237110	6-Inch Fire Hydrant Assembly & Marker	EA	3	\$6,300.00	\$18,900.00	
58	Main Bid	237110	6-Inch Fire Hydrant Assembly & Marker (3 port)	EA	3	\$7,000.00	\$21,000.00	
59	Main Bid	237110	Water Main Abandonment	LF	260	\$9.00	\$2,340.00	
60	Main Bid	237110	1-Inch Water Service	EA	448	\$1,800.00	\$806,400.00	
61	Main Bid	237110	1.5-Inch Water Service	EA	4	\$3,000.00	\$12,000.00	
62	Main Bid	237110	2-Inch Water Service	EA	23	\$3,150.00	\$72,450.00	
63	Main Bid	237110	Contractor Furnished Materials for City Forces Connection and Cut-in Work for Mains 16-Inch and Larger.	LS	1	\$5,000.00	\$5,000.00	
64	Main Bid	237110	Pavement Restoration for City Forces Final Connection	SF	2000	\$9.00	\$18,000.00	
65	Main Bid	237110	Handling and Disposal of Non-Friable Asbestos Materials	LF	12000	\$8.00	\$96,000.00	
66	Main Bid	237110	Manhole (4'x3')	EA	2	\$6,000.00	\$12,000.00	
67	Main Bid	237110	6-Inch Sewer Lateral & Cleanout (Alley)	EA	1	\$4,500.00	\$4,500.00	
68	Main Bid	237110	Pipe Bursting	LF	405	\$100.00	\$40,500.00	
69	Main Bid	237110	Point Repair of Existing Sewer Main	EA	2	\$7,500.00	\$15,000.00	
70	Main Bid	237110	Sewage Bypass and Pumping Plan (Diversion Plan)	LS	1	\$900.00	\$900.00	
71	Main Bid	237110	Video Inspecting Pipelines and Culverts for Acceptance (Pipe Burst)	LF	405	\$1.00	\$405.00	
72	Main Bid	237110	Cleaning and Video Inspection Pipelines and Culverts (Pipe Burst)	LF	405	\$1.00	\$405.00	
							Subtotal	\$4,718,773.00
							Total	\$4,718,773.00

Subcontractors

Name	Description	License Num	Amount	Type	Address	Address 2	City	ZipCode	Country
T L Scanlan Construction	Underground Pipe Install	757925	\$1,800,000.00		2308 shaylene		alpine	91901	United States
McGrath Consulting	WPCP	N/A	\$700.00	ELBE,SDB	PO BOX 2488		El Cajon	92021	United States
Mocon Corporation	Pipe Bursting	565735	\$23,490.00	PQUAL	49950 Jefferson St., Ste C-200		Indio	92201	United States
Pavement Recycling Systems, Inc.	AC Milling	569352	\$7,950.00	PQUAL	10240 San Sevaime Way		Jurupa Valley	91752	United States
American Asphalt South, Inc.	Slurry Type I	784969	\$54,919.29	CAU,MALE,PQUAL,CADIR	PO Box 310036	14436 Santa Ana Ave	Fontana	92331	United States
Statewide Stripes Inc.	Striping	788286	\$5,800.00	CAU,MALE,DBE	PO Box 600710		San Diego	92160	United States
Surety Associates of Southern California	Bonding	OG87195	\$40,000.00	ELBE	5360 Jackson Drive #208		La Mesa	91942	United States

Prime Self Performance

59.04%

City of San Diego

CITY CONTACT: Rosa Riego - Contract Specialist, Email: RRiego@sandiego.gov

Phone No. (619) 533-3426, Fax No. (619) 533-3633

ADDENDUM "B"

 **e - Bidding** FOR



AC Water & Sewer GJ 1014

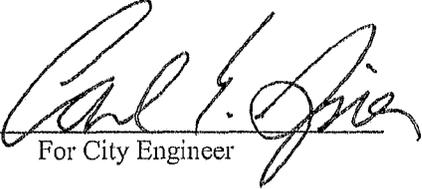
BID NO.: _____ K-16-1449-DBB-3
SAP NO. (WBS/IO/CC): _____ B-15078 / B-15079
CLIENT DEPARTMENT: _____ 2000
COUNCIL DISTRICT: _____ 9
PROJECT TYPE: _____ KB / JA

BID DUE DATE:

**2:00 PM
APRIL 22, 2016
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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


For City Engineer

4-12-16
Date

Seal:



A. CHANGES TO CONTRACT DOCUMENTS

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

B. BIDDER'S QUESTIONS

- Q1. Item # 18. Quantity did not match the plans.
- A1. The original quantity 102,000 SF is modified to 118,106 SF to match exhibit sheet # 26.
- Q2. Item # 20. Quantity too big?
- A2. The original quantity 5,200 TON is reduced to 800 TON.
- Q3. Item # 21. Quantity too big?
- A3. The original quantity 57,000 CY is reduced to 3,600 CY.
- Q4. Item # 40. Sewer main to be televised is too big.
- A4. The existing quantity 18,270 LF is reduced to 920 LF to televise sewer exhibit sheet # 3 and # 4.
- Q5. Item # 68 Sheet #4 of the plans indicates over 400' of 8" Sewer Pipe Replacement and 8 Sewer Lateral Replacements that **do not** have Bid Items on the Bid Schedule.
- A5. Item #68, Pipe Bursting, covers the payment for the sewer pipe and lateral replacements.

C. NOTICE INVITING BIDS

- 1. To Item 3, Estimated Construction Cost, page 4, **DELETE** in its entirety and **SUBSTITUTE** with the following:
 - 3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is \$ **3,670,000**.

D. ADDITIONAL CHANGES

- 1. The following are changes in the Line Items Tab in PlanetBids. **ADDITIONS**, if any, have been **Underlined** and **DELETIONS**, if any, have been **Stricken-out**

Quantity	Unit of Measure	Item Description
102,000 <u>118,106</u>	SF	Rubber Polymer Modified Slurry Type I over Type III
5,200 <u>800</u>	TON	1-1/2 Inch Asphalt Concrete Overlay and Striping

57,000 <u>3,600</u>	CY	Concrete Pavement
18720 <u>920</u>	LF	Video inspecting pipelines and culverts for Acceptance
<u>405</u>	<u>LF</u>	<u>Video inspecting pipelines and culverts for Acceptance (Pipe Burst)</u>
<u>405</u>	<u>LF</u>	<u>Cleaning and Video Inspection Pipelines and Culverts (Pipe Burst)</u>

James Nagelvoort, Director
Public Works Department

Dated: *April 12, 2016*
San Diego, California

JN/RWB/Lad

City of San Diego

CITY CONTACT: Rosa Riego - Contract Specialist, Email: RRiego@sandiego.gov
Phone No. (619) 533-3426, Fax No. (619) 533-3633

ADDENDUM "A"

 - Bidding FOR



AC Water & Sewer GJ 1014

BID NO.: _____ K-16-1449-DBB-3
SAP NO. (WBS/IO/CC): _____ B-15078 / B-15079
CLIENT DEPARTMENT: _____ 2000
COUNCIL DISTRICT: _____ 9
PROJECT TYPE: _____ KB / JA

BID DUE DATE:

2:00 PM
APRIL 22, 2016
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101

A. CHANGES TO CONTRACT DOCUMENTS

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

THE SUBMITTAL DATE FOR THIS PROJECT HAS BEEN **EXTENDED AS STATED ON THE COVER PAGE.**

James Nagelvoort, Director
Public Works Department

Dated: *April 11, 2016*
San Diego, California

JN/RWB/Lad