

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
CITY CONTACT: Claudia Abarca, Contract Specialist, Email: cabarca@sandiego.gov
Phone No. (619) 533-3439, Fax No. (619) 533-3633
J GALLARDO / KA / LS



CONTRACT DOCUMENTS

FOR

WATER AND SEWER GROUP 956

VOLUME 1 OF 2

BID NO.: K-13-5769-DBB-3
SAP NO. (WBS/IO/CC): B-11153 (W), B-11151 (S)
CLIENT DEPARTMENT: 2011, 2013
COUNCIL DISTRICT: 3
PROJECT TYPE: KB, JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.

BID DUE DATE:

2:00 PM

FEBRUARY 21st, 2013

CITY OF SAN DIEGO

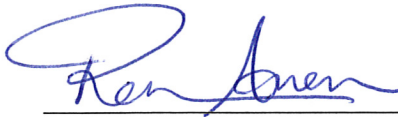
PUBLIC WORKS DEPARTMENT

1010 SECOND AVENUE, SUITE 1400, 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

12/31/2012

Date

Seal:



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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracting Group at the location, time, and date shown on the cover of these specifications for performing work on **WATER AND SEWER GROUP 956** (Project).
2. **DESCRIPTION OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described below:

Installation of approximately 2,769 linear feet of new 8-inch and 16-inch water mains, installation of 214 linear feet of new 8-inch sewer main, and rehabilitation of 780 linear feet of existing 8-inch sewer main. Installation shall include water services, valves, fire hydrants, sewer laterals, and manholes. In addition, installing curb ramps and street resurfacing, traffic control plans.

- 2.1. The Work shall be performed in accordance with:

This Notice Inviting Bids and Plans numbered **36602-1-D** through **36602-12-D**, inclusive.

3. **EQUAL OPPORTUNITY**

- 3.1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE in their 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.

4. SUBCONTRACTING PARTICIPATION PERCENTAGES.

- 4.1.** The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	8.8%
2. ELBE participation	13.5%
3. Total mandatory participation	22.3%

- 4.2.** The Bidders are strongly encouraged to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract.
- 4.3.** The Bid will be declared non-responsive if the Bidder fails the following mandatory conditions:
 - 4.3.1.** Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR.
 - 4.3.2.** Bidder's submission of Good Faith Effort documentation demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within 3 Working Day of the Bid opening if the overall mandatory participation percentage is not met.

5. PRE-BID MEETING:

- 5.1.** There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, and Equal Opportunity Contracting Program requirements and reporting procedures in the **Public Works Contracting Group, Conference Room at 1010 Second Avenue, Suite 1400, San Diego, CA 92101 at 10:00 A.M., on JANUARY 31st, 2013.**
- 5.2.** All potential bidders are encouraged to attend.
- 5.3.** To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracting Group at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.
- 6. CONSTRUCTION COST:** The City's estimated construction cost for this contract is **\$1,334,000.**
- 7. LOCATION OF WORK:** The location of the Work is as follows:

City Heights and Kensington-Talmadge Community Planning Areas in Council District 3.
- 8. CONTRACT TIME:** The Contract Time for completion of the Work shall be **70 Working Days.**
- 9. CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

- 9.1.** The City has determined the following licensing classification(s) for this contract:

Option	Classification(s)
1	CLASS A
2	CLASS C34

The Bidder shall satisfy the licensing requirement by meeting **at least** one of the listed options.

- 10. 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.
- 11. WAGE RATES:** Prevailing wages are not applicable to this contract.

12. INSURANCE REQUIREMENTS:

- 12.1.** 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.
- 12.2.** 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.

13. PREQUALIFICATION OF CONTRACTORS:

- 13.1.** Contractors submitting Bid or Proposal must be pre-qualified for the total amount proposed, inclusive of all alternate items or specified Task Order limits 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, will be deemed **non-responsive** and ineligible for award or a Task Order authorization. Complete information and prequalification questionnaires are available at:

<http://www.sandiego.gov/engineering-cip/services/consultcontract/prequal.shtml>

- 13.2.** The completed questionnaire, financial statement, and bond letter or a copy of the contractor's SLBE-ELBE certification and bond letter, must be submitted no later than 2 weeks prior to the bid opening to the Public Works Department - Engineering & Capital Project, Prequalification Program, 1010 Second Avenue, Suite 1200, San Diego, CA 92101. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.

- 14. 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

Title	Edition	Document Number
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use*	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/engineering-cip>.

15. **CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment 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 on the form provided for this purpose in the Bid.
16. **CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Invitations to Bid 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 Invitations to Bid shall be the sole responsibility of each bidder. The Invitations to Bid creates or imposes no obligation upon the City to enter a contract.
17. **CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2 unless specified otherwise, such as as-needed contracts e.g., JOC in the Contract Documents.
18. **SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.
19. **AWARD PROCESS:**
 - 19.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
 - 19.2. 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.
 - 19.3. This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.

- 20. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The WHITEBOOK and as amended in the SSP which requires the Contractor to self perform the amount therein stipulated. Failure to comply with these requirements may render the Bid **non-responsive** and ineligible for award.
- 21. 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 Contracting Group.
- 22. QUESTIONS:**
- 22.1.** 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 procurement action shall be addressed to the Public Works Contracting Group, Attention Contract Specialist, 1010 Second Avenue, Suite 1400, San Diego, CA 92101, Telephone No. (619) 533-3450.
- 22.2.** Questions received less than 14 days prior to the date for opening of Bids may not be answered.
- 22.3.** Interpretations or clarifications considered necessary by the City in response to such questions will be issued by Addenda which will be uploaded to the City's online bidding service.
- 22.4.** Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
- 23. ELIGIBLE BIDDERS:** 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.
- 24. 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 with the Notice Inviting Bids and Contract forms.
- 25. PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.

- 25.1. Bidder shall complete and submit all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Bid. The entire specifications for the bid package do not need to be submitted with the bid.
 - 25.2. The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.
 - 25.3. Bids and certain other forms and documents as specified in the Volume 2 of 2 of the Contract Documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.
 - 25.4. Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.
- 26. BIDDERS' GUARANTEE OF GOOD FAITH (BID SECURITY):**
- 26.1. With the exception of the contracts valued \$5,000 or less, JOC and Design-Build contracts, and contracts subject to the Small and Local Business Program of \$250,000 or less e.g., ELBE contracts, each Bidder shall accompany its Bid with either a cashier's check upon some responsible bank, or a check upon such bank properly certified or an approved corporate surety bond payable to the City of San Diego, for an amount of not less than 10% of the aggregate sum of the Bid, which check or bond, and the monies represented thereby shall be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into such contract and furnish the required final bonds.
 - 26.2. The Bidder agrees that in case of Bidder's refusal or failure to execute this contract and give required final bonds, the money represented by a cashier's or certified check shall remain the property of the City, and if the Bidder shall fail to execute this contract, the Surety agrees that it will pay to the City damages which the City may suffer by reason of such failure, not exceeding the sum of 10% of the amount of the Bid.
 - 26.3. A Bid received without the specified bid security will be rejected as being **non-responsive**.
- 27. AWARD OF CONTRACT OR REJECTION OF BIDS:**
- 27.1. This contract may be awarded to the lowest responsible and reliable Bidder.
 - 27.2. For Design-Build contracts, the award may not be solely based on price. Refer to the RFP for the selection and award details.
 - 27.3. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules will be rejected as being non-responsive.

- 27.4.** The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 27.5.** Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.
- 27.6.** A non-selected Bidder may protest award of the Contract to the selected Bidder by submitting a written "Notice of Intent to Protest" including supporting documentation which shall be received by Public Works Contracting Group no later than 10 days after the City's announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsible in accordance with San Diego Municipal Code Chapter 2, § 22.3029, "Protests of Contract Award."
- 27.7.** The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 27.8.** Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 27.9.** The City reserves the right to evaluate all Bids and determine the lowest Bidder (or winner for Design-Build contracts) on the basis of any proposed alternates, additive items or options, at its discretion that will be disclosed in the Volume 2 of 2 (or RFP for the Design-Build contracts).
- 28. BID RESULTS:**
- 28.1.** The Bid opening by the City shall constitute the public announcement of the Apparent Low Bidder (or Apparent Winner in case of Design-Build contracts). In the event that the Apparent Low Bidder (or Apparent Winner in case of Design-Build contracts) is subsequently deemed non-responsive or non-responsible, a public announcement will be posted in the City's web page: <http://www.sandiego.gov/bids-contracts/>, with the name of the newly designated Apparent Low Bidder (or Apparent Winner in case of Design-Build contracts).
- 28.2.** To obtain Bid results, either attend Bid opening, review the results on the City's web site, or provide a self-addressed, stamped envelope, referencing Bid number, and Bid tabulation will be mailed to you upon verification of extensions. Bid results cannot be given over the telephone.
- 29. THE CONTRACT:**
- 29.1.** 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.

- 29.2.** 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.
- 29.3.** 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.
- 29.4.** For contracts that are not Design-Build, 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.
- 29.5.** 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. 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.
- 30. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, the JOC Unit Price Books if applicable, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid or JOC Task Order Proposal 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.
- 31. CITY STANDARD PROVISIONS.** This RFP and the subsequent TO are subject to the following standard provisions. See The WHITEBOOK for details.
- 31.1.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 31.1.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.

- 31.1.3. The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
- 31.1.4. The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 31.1.5. 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.
- 31.1.6. The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 31.1.7. The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

32. PRE-AWARD ACTIVITIES:

- 32.1. The selected contractor by the City to execute a contract for this Work shall provide the information required within the time specified in "Required Documents," of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.
- 32.2. If the Bid is rejected as non-responsive, the selected contractor by the City to execute a contract for this Work shall forfeit the required Bid. The decision that the selected contractor by the City to execute a contract for this Work is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

33. SUPPLEMENTAL AGREEMENTS: Supplemental agreements attached to this contract for the items of Work such as extended re-vegetation maintenance and monitoring and emulsion aggregate slurry shall be signed upon the request from the Engineer and prior to Acceptance. The signed agreements shall be accompanied by the evidence of separate bond (i.e., labor and materials) and insurance as specified in 2-4, "CONTRACT BONDS," 7-3, "LIABILITY INSURANCE," and 7-4 WORKERS' COMPENSATION INSURANCE. Bonds shall be in amount of the Contract Price for the Work included in the supplemental agreements.

34. ADDITIVE/DEDUCTIVE ALTERNATES:

- 34.1. The additive/deductive alternates have been established to allow the City to compare the cost of specific portions of the Work with the Project's budget and enable the City to make decision prior to award. The award will be established as described in the Proposal (or RFP for Design-Build contracts). The City reserves the right to award the Contract for the Base Bid only or the Base Bid plus any combination of Additive and Deductive Alternate(s).
- 34.2. For water pipeline projects, the Plans typically show all cut and plug and connection work to be performed by City Forces. However, Bidders shall refer to Bidding Documents to see if all or part of this work will be performed by the Contractor.

35. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

- 35.1.** **Prior** to the Award of the Contract or each Task Order, you and your Subcontractors and Suppliers **must** register with Prism®, the City's web-based contract compliance portal at:

<https://pro.prismcompliance.com/default.aspx>.

- 35.2.** 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.

36. REQUIRED DOCUMENTS SCHEDULE:

- 36.1.** The Bidder's attention is directed to the City's Municipal Code §22.0807(e),(3)-(5) for important information regarding grounds for debarment for failure to submit required documentation.

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

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

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA45 - Subcontractors Additive/Deductive Alternate

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
9.	WITHIN 3 WORKING DAY OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	SLBE Good Faith Efforts Documentation
10.	WITHIN 3 WORKING DAY OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Form AA60 – List of Work Made Available
11.	WITHIN 3 WORKING DAY OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.
12.	PRIOR TO PRE-CONSTRUCTION MEETING	LOW BIDDER	Contractor's Experience and Past Project Documentation. See Sections 500 and 700
13.	PRIOR TO PRE-CONSTRUCTION MEETING	LOW BIDDER	<ul style="list-style-type: none"> • Manufacturer Certification per Section 500-1.1.2.1
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
20.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
21.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
22.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

CONTRACT FORMS

AGREEMENT

CONTRACT FORMS AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and ORTIZ CORPORATION, herein called "Contractor" for construction of WATER AND SEWER GROUP 956; Bid No. K-13-5769-DBB-3, in the amount of EIGHT HUNDRED EIGHTY NINE THOUSAND THREE HUNDRED SEVENTY ONE DOLLARS AND 00/100 (\$889,371.00), which is comprised of the Base Bid plus Additive Alternates A & B.

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 Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) Phase Funding Schedule Agreement and Supplemental Agreements
 - (e) That certain documents entitled WATER AND SEWER GROUP 956, on file in the office of the City Clerk as Document No. B-11153 (W)/B-11151(S), 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 Project Name, WATER AND SEWER GROUP 956, Bid No. K-13-5769-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 FORMS (continued)

AGREEMENT

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(a)(1) authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM AND LEGALITY

Jan I. Goldsmith, City Attorney

By Tony Heinrichs

By Pedro De Lara, Jr.

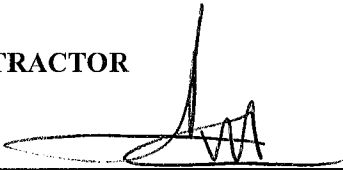
Print Name: Tony Heinrichs
Director, Department of Public Works

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

Date: 4/10/13

Date: 4/11/13

CONTRACTOR

By 

Print Name: Aida Banghart

Title: Vice President

Date: March 8, 2013

City of San Diego License No.: B1996008117

State Contractor's License No.: 602454

CONTRACT/AGREEMENT
ATTACHMENTS

CONTRACT ATTACHMENT
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

ORTIZ CORPORATION, a corporation, as principal, and
International Fidelity 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
EIGHT HUNDRED EIGHTY NINE THOUSAND THREE HUNDRED SEVENTY ONE
DOLLARS AND 00/100 (\$889,371.00) for the faithful performance of the annexed contract, and in
the sum of EIGH HUNDRED EIGHTY NINE THOUSAND THREE HUNDRED SEVENTY ONE
DOLLARS AND 00/100 (\$889,371.00) for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract WATER AND SEWER
GROUP 956; Bid No. K-13-5769-DBB-3, 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 Chapter 3 of Division 5
of Title I of the Government Code of the State of California or under the provisions of Section 3082
et seq. 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.

CONTRACT ATTACHMENT (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

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

Dated March 13, 2013

Approved as to Form and Legality

Jan I. Goldsmith, City Attorney

By

Leandro R. Jara, Jr.
Deputy City Attorney

Approved:

By

Tony Heinrichs
Tony Heinrichs
Director, Department of Public Works

Ortiz Corporation

Principal

By

Marcelino E. Ortiz
Marcelino E. Ortiz - President
Printed Name of Person Signing for Principal

International Fidelity Insurance Company

Surety

By

Bart Stewart
Bart Stewart, Attorney-in-fact

13400 Sabre Springs Parkway, Suite 245

Local Address of Surety

San Diego, CA 92128

Local Address (City, State) of Surety

858.513.1795

Local Telephone No. of Surety

Premium \$ 7,530

Bond No. SDIFSU0591891

POWER OF ATTORNEY

INTERNATIONAL FIDELITY INSURANCE COMPANY ALLEGHENY CASUALTY COMPANY

ONE NEWARK CENTER, 20TH FLOOR NEWARK, NEW JERSEY 07102-5207

KNOW ALL MEN BY THESE PRESENTS: That **INTERNATIONAL FIDELITY INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of New Jersey, and **ALLEGHENY CASUALTY COMPANY**, a corporation organized and existing under the laws of the State of Pennsylvania, having their principal office in the City of Newark, New Jersey, do hereby constitute and appoint

BART STEWART

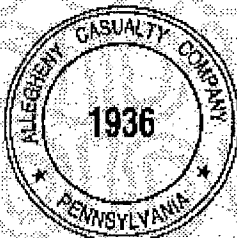
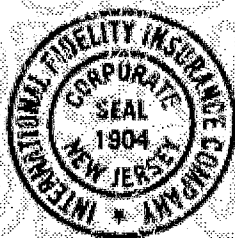
Encinitas, CA.

their true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY**, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by their regularly elected officers at their principal offices.

This Power of Attorney is executed and may be revoked, pursuant to and by authority of the By-Laws of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** and is granted under and by authority of the following resolution adopted by the Board of Directors of **INTERNATIONAL FIDELITY INSURANCE COMPANY** at a meeting duly held on the 20th day of July, 2010 and by the Board of Directors of **ALLEGHENY CASUALTY COMPANY** at a meeting duly held on the 15th day of August, 2000:

"RESOLVED, that (1) the President, Vice President, or Secretary of the Corporation shall have the power to appoint, and to revoke the appointments of, Attorneys-in-Fact or agents with power and authority as defined or limited in their respective powers of attorney, and to execute on behalf of the Corporation and affix the Corporation's seal thereto, bonds, undertakings, recognizances, contracts of indemnity and other written obligations in the nature thereof or related thereto; and (2) any such Officers of the Corporation may appoint and revoke the appointments of joint-control custodians, agents for acceptance of process, and Attorneys-in-fact with authority to execute waivers and consents on behalf of the Corporation; and (3) the signature of any such Officer of the Corporation and the Corporation's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seals when so used whether heretofore or hereafter, being hereby adopted by the Corporation as the original signature of such officer and the original seal of the Corporation, to be valid and binding upon the Corporation with the same force and effect as though manually affixed."

IN WITNESS WHEREOF, **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** have each executed and attested these presents on this 12th day of March, 2012.

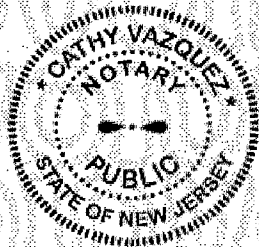


STATE OF NEW JERSEY
County of Essex

ROBERT W. MINSTER
Executive Vice President/Chief Operating Officer
(International Fidelity Insurance Company)
and President (Allegheny Casualty Company)

On this 12th day of March 2012, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY**; that the seals affixed to said instrument are the Corporate Seals of said Companies; that the said Corporate Seals and his signature were duly affixed by order of the Boards of Directors of said Companies.

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.



A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Mar. 27, 2014

CERTIFICATION

I, the undersigned officer of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Sections of the By-Laws of said Companies as set forth in said Power of Attorney, with the originals on file in the home office of said companies, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

13th day of March 2013

MARIA BRANCO, Assistant Secretary

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Diego

On 03-13-13 before me, Laura Ashley Aceves, Notary Public
(Here insert name and title of the officer)

personally appeared Bart Stewart

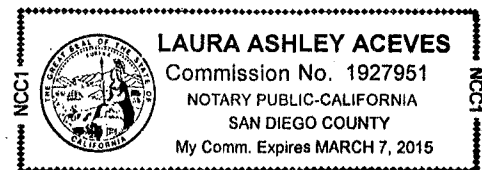
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he ~~he/she~~ they executed the same in his ~~her~~ their authorized capacity(ies), and that by his ~~her~~ their signature(s) on the instrument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

(Notary Seal)



ADDITIONAL OPTIONAL INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

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

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

(Additional information)

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

(Title)

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

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

PROJECT TITLE: WATER AND SEWER GROUP 956

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 INSTRUCTION TO BIDDERS, "Drug-Free Workplace", of the project specifications, and that;

ORTIZ CORPORATION
(Name under which business is conducted)

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.

Signed



Printed Name

Aixa BANHART

Title

Vice President

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: WATER AND SEWER GROUP 956

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 INSTRUCTION TO BIDDERS, "American With Disabilities Act", of the project specifications, and that;

Ortiz Corporation
(Name under which business is conducted)

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.

Signed 

Printed Name Aimee Barnhart

Title Vice President

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: WATER AND SEWER GROUP 956

I declare under penalty of perjury that I am authorized to make this certification on behalf of ORTIZ Corporation, as Contractor, that I am familiar with the requirements of City of San Diego Municipal Code § 22.3224 regarding Contractor Standards as outlined in INSTRUCTION TO BIDDERS ("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 § 22.3224.

Dated this 8th Day of March, 2013.

Signed 

Printed Name Alex Banwart

Title Vice President

AFFIDAVIT OF DISPOSAL

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

WATER AND SEWER GROUP 956
(Name of Project)

as particularly described in said contract and identified as **K-13-5769-DBB-3**; SAP No. (WBS/CC/IO) **B-11153 (W)**, **B-11151 (S)**, and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

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

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

Dated this _____ DAY OF _____, _____.

by _____ Contractor

ATTEST:

State of _____
County of _____

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

Notary Public in and for said County and State

SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

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).
-

1-2 TERMS AND DEFINITIONS.

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

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

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. The self performance percentage requirement will be waived for contracts when a “B” License is required or allowed.

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

Other adjacent City project(s) is (are) scheduled for construction for the same time period in the vicinity of 40th Street See Appendix E for approximate location. Coordinate the Work with the adjacent project(s) as listed below:

- a) Sewer Group 787, Regan Owen (619-533-5205)

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 a City form when provided by the City.

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 Commercial 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.

7-4 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.

7-15 INDEMNIFICATION AND HOLD HARMLESS AGREEMENT. To the City Supplements, 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.

SECTION 9- MEASUREMENT AND PAYMENT

9-3.2.5 Withholding of Payment. To the City Supplements, 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."

301-1.4 Payment. DELETE paragraph 2 and REPLACE 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 Additional Pavement Removal and Disposal, and no additional payment shall be made regardless of the total thickness and composition of existing pavement removed and disposed.

SECTION 302-ROADWAY CONSTRUCTION

302-4.10.1 General. DELETE item 1 and SUBSTITUTE the following

1. The contract unit price per square foot shall include pavement markers and striping.

SECTION 306-UNDERGROUND CONDUIT CONSTRUCTION

306-1 OPEN TRENCH OPERATIONS. To the City Supplements, 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

306-22 Pipe Fusion. DELETE in its entirety.

500-1.1.2.1 Initial Submittals. To the City Supplement, ADD the following:

If selected, submit the Contractor's Experience and Past Project Documentation that a minimum of 0.14 miles, of sewer main rehabilitation similar in scope, has been successfully installed within the last 10 years in the U.S. with 5 years or more of documented performance record for the proposed product.

ADD: 707-1.1 Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared Environmental Exemption for Water and Sewer Group 956, as referenced in the Contract Appendix. The Contractor shall comply with all requirements of the Environmental Exemption as set forth in Contract Appendix.

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
DEVELOPMENT SERVICES DEPARTMENT
1222 FIRST AVENUE, MS 501
SAN DIEGO, CA 92101

 OFFICE OF PLANNING AND RESEARCH
1400 TENTH STREET, ROOM 121
SACRAMENTO, CA 95814

PROJECT NO.: WBS #B-11151(S)/B-11153(W)

PROJECT TITLE: Group Job 956

PROJECT LOCATION-SPECIFIC: The project would affect portions of the following streets: Biona Drive, Lucille Drive, Winona Avenue, Lucille Place, and 40th Street located in the Mid City: Kensington-Talmadge and Mid-City: City Heights community plan areas.

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

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: CITY COUNCIL APPROVAL for new installation and replacement of approximately 4,596 linear feet (LF) (0.87 miles) of water and sewer lines. This includes replacement of approximately: 3,582 LF of existing 6-inch and 16-inch castiron (CI) water main to 8-inch and 16+-inch diameter polyvinyl chloride (PVC) pipe; and 1,014 LF of existing 6- and 8-inch vitrified clay (VC) sewer main to 8-inch diameter polyvinyl chloride (PVC) pipe. Water lines would primarily be replace-in-same trench measuring approximately 3.5-4.5 feet wide and 3-5 feet deep, and a 346 LF segment would be in a new trench with similar dimensions. Sewer lines would be replace-in-same trench measuring approximately 3 feet wide and 6-7 feet deep. Work would also include replacement and installation of manholes, cleanouts, valves, water services, laterals, fire hydrants, and other appurtenances and would also included the construction of curb ramps, and street resurfacing. Traffic control measures and Best Management Practices (BMPs) would be implemented during construction. Street tree removal and/or relocation would be done under the supervision of the City Arborist.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego, Public Works Dept./Yousif Benyamin, 600 B Street, Suite 800 (MS 908A), San Diego, CA 92101 (619) 533-5103.

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:
(X) STATUTORY EXEMPTIONS: **PIPELINES LESS THAN ONE MILE – 15282(K) OF THE STATE CEQA GUIDELINES**

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an Initial Study which determined that since the water and sewer pipeline project is less than one mile in length, is located within the public right of way, and no surface structures are being proposed that relate to the operation of the pipeline, that the project would qualify to be statutorily exempt from CEQA pursuant to section 15282(k).

LEAD AGENCY CONTACT PERSON: JEAN CAMERON

TELEPHONE: (619) 446-5379

IF FILED BY APPLICANT:

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

IT IS HEREBY CERTIFIED THAT THE CITY OF SAN DIEGO HAS DETERMINED THE ABOVE ACTIVITY TO BE EXEMPT FROM CEQA


JEAN CAMERON/SENIOR PLANNER

Oct 3, 2011
DATE

CHECK ONE:

- (X) SIGNED BY LEAD AGENCY
() SIGNED BY APPLICANT

DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:

Revised October 3, 2011mjh

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.

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

Water Department Director

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application For Fire Hydrant Meter

(EXHIBIT A)

For Office Use Only	
NS Req:	Fac #:
Date:	By:

City of San Diego
2797 Caminito Cholas • San Diego, California 92105-5097 • FAX 619 527 3125
Department METER SHOP 619 527 7449
Meter Information

Application Date: Requested Install Date:

Fire Hydrant Location: (Attach detailed map, Thomas Bros. map location or construction drawing.)

Specific Use of Water:

Any return to Sewer or Storm Drain, if so, explain:

Estimated Duration of Meter Use:

☐ Check Box if Reclaimed Water

Company Information

Company Name:			
Mailing Address:			
City:	State:	Zip Code:	Phone: ()
*Business License #:		*Contractor License #:	
*A copy of the Contractor's License and/or Business License is required at the time of meter issuance.			
Name and Title of Agent:			Phone: ()
Site Contact Name and Title:			Phone: ()
Pager #:			Cell: ()
Responsible Party Name:			Title:
Social Security or 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

<input type="checkbox"/> Check Box to Request Removal of Above Meter	Requested Removal Date:	
Provide current Meter location if different from above:		
Signature:	Title:	Date:
Phone: ()	Pager: ()	

For Office Use Only

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter	
CIS Account #:	Deposit Amount: \$	Fees Amount: \$
Meter Serial #:	Meter Size:	Meter Make & Style:
Backflow #:	Backflow Size:	Meter Make & Style:
Name:	Signature:	Date:

\$1,108.45 - FOR 24 HR INSTALLATION
\$1,052.26 - FOR 48 HR INSTALLATION

FHM App Created: 11/2/00-htp

"Exhibit B"

CONSTRUCTION AND MAINTENANCE RELATED ACTIVITIES WITH NO 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 Seeding
Irrigation (for establishing irrigation only; not continuing irrigation)
Mixing Concrete
Mobile Car Washing
Special Events
Street Sweeping
Water Tanks
Water Trucks
Window Washing**

Note: If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charged.

"Exhibit C"

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 refer to the Water Departments', Department Instruction (D.I.) 55.27 for further information and procedure.

Mail your request for an extension to :

City of San Diego, Water Department
Attn: Meter Services
2797 Caminito Chollas
San Diego, Ca. 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant "Hot Line" at: (xxx) xxx-xxxx.

Sincerely,

City of San Diego Water Department



Fire Hydrant Meter Relocate/Removal Request

(EXHIBIT D)

For Office Use Only

NS Req:	FHM Fac #:
Date:	By:

Date:

Instruction: Complete pertinent information then FAX both form and map to (xxx) xxx-xxxx, mail, or hand-deliver to the City of San Diego, Water Department/Meter Shop at: 2707 Caminito Chollas San Diego, CA 92105

Meter Information

Billing Account #:	Requested Move Date:
Current Fire Hydrant Meter Location:	
New Meter Location: (Attach a detailed map, Thomas Bros map location or construction drawing.)	

Company Information

Company Name:			
Mailing Address			
City:	State:	Zip Code:	Phone: ()
Name and Title of Requestor:			Phone: ()
Site Contact Name and Title			Phone: ()
Pager #:			Cell: ()
Responsible Party Name authorizing relocation fee:			
Signature:	Title:	Date:	

Fire Hydrant Meter Removal Request

<input type="checkbox"/> Check Box to Request Removal of Above Meter	Requested Removal Date:	
Provide current Meter location if different from above:		
Signature:	Title:	Date:
Phone: ()	Pager: ()	

For Office Use Only

CIS Account #:	Fees Amount: \$	
Meter Serial #:	Size:	Make/Style
Backflow #:	Size:	Make/Style
Name:	Signature:	Date:

FHM Relocate_Removal Form

FHM App Created: 11/2/00-htp

APPENDIX C

Sample City Invoice

City of San Diego, Field Engineering Div., 9485 Aero Drive, SD CA 92123						Contractor's Name:					
Project Name:						Contractor's Address:					
SAP No. (WBS/IO/CC):											
City Purchase Order No. :						Contractor's Phone #:			Invoice No.		
Resident Engineer (RE):						Contractor's Fax #:			Invoice Date:		
RE Phone#:		RE Fax#:				Contact Name:			Billing Period:		
Item #	Item Description	Contract Authorization				Previous Estimate		This Estimate		Totals to Date	
		Unit	Qty	Price	Extension	%/QTY	Amount	% / QTY	Amount	% / QTY	Amount
1	2 Parallel 4" PVC C900	LF	1,380	\$34.00	\$46,920.00						
2	48" Primary Steel Casing	LF	500	\$1,000.00	\$500,000.00						
3	2 Parallel 12" Secondary Steel	LF	1,120	\$53.00	\$59,360.00						
4	Construction and Rehab of PS 49	LS	1	\$150,000.00	\$150,000.00						
5	Demo	LS	1	\$14,000.00	\$14,000.00						
6	Install 6' High Chain Link Fence	LS	1	\$5,600.00	\$5,600.00						
7	General Site Restoration	LS	1	\$3,700.00	\$3,700.00						
8	10" Gravity Sewer	LF	10	\$292.00	\$2,920.00						
9	4" Blow Off Valves	EA	2	\$9,800.00	\$19,600.00						
10	Bonds	LS	1	\$16,000.00	\$16,000.00						
11	Field Orders	AL	1	80,000	\$80,000.00						
11.1	Field Order 1	LS	5,500	\$1.00	\$5,500.00						
11.2	Field Order 2	LS	7,500	\$1.00	\$7,500.00						
11.3	Field Order 3	LS	10,000	\$1.00	\$10,000.00						
11.4	Field Order 4	LS	6,500	\$1.00	\$6,500.00						
12	Certified Payroll	LS	1	\$1,400.00	\$1,400.00						
CHANGE ORDERS											
Change Order 1			4,890								
Items 1-4					\$11,250.00						
Item 5-Deduct Bid Item 3		LF	120	-\$53.00	(\$6,360.00)						
Change Order 2			160,480								
Items 1-3					\$95,000.00						
Item 4 Deduct Bid Item 1		LF	380	-\$340.00	(\$12,920.00)						
Item 5-Encrease bid Item 9		LF	8	\$9,800.00	\$78,400.00						
Change Order 3 (Close Out)			-121,500								
Item 1 Deduct Bid Item 3			53	-500.00	(\$26,500.00)						
Item 2 Deduct Bid Item 4		LS	-1	45,000.00	(\$45,000.00)						
Items 3-9			1	-50,500.00	(\$50,500.00)						
SUMMARY								Total This	\$ -	Total Billed	\$0.00
A. Original Contract Amount						Retention and/or Escrow Payment Schedule					
B. Approved Change Order 1 Thru 3						Total Retention Required as of this billing					
C. Total Authorized Amount (A+B)						Previous Retention Withheld in PO or in Escrow					
D. Total Billed to Date						Add'l Amt to Withhold in PO/Transfer in Escrow:					
E. Less Total Retention (5% of D)						Amt to Release to Contractor from PO/Escrow:					
F. Less Total Previous Payments											
G. Payment Due Less Retention						Contractor Signature and Date:					
H. Remaining Authorized Amount											

APPENDIX D

Location Map

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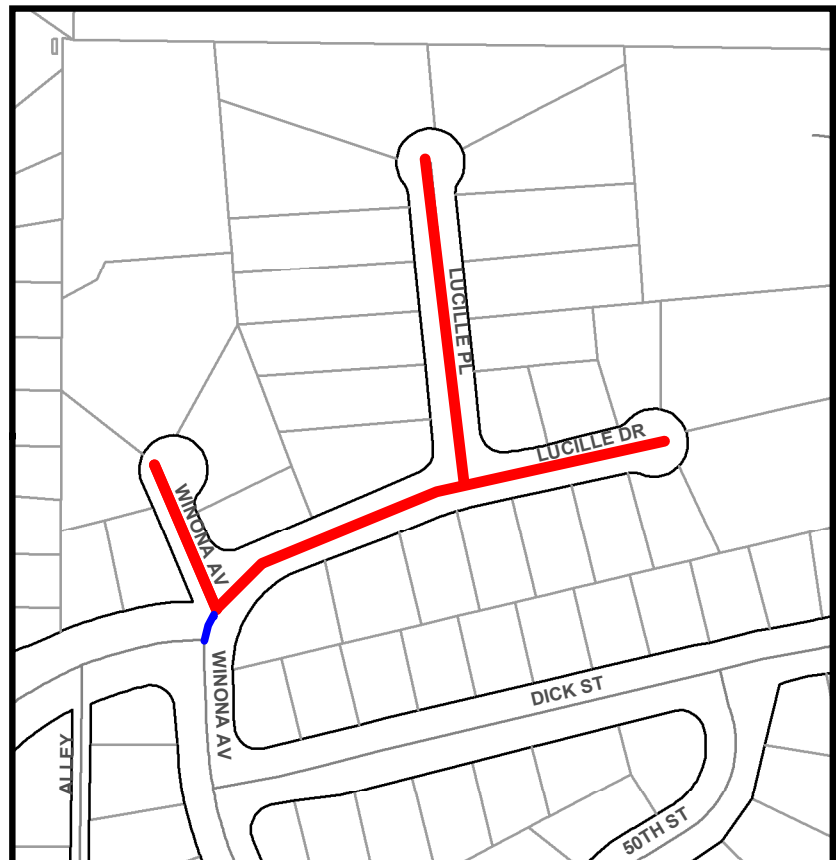
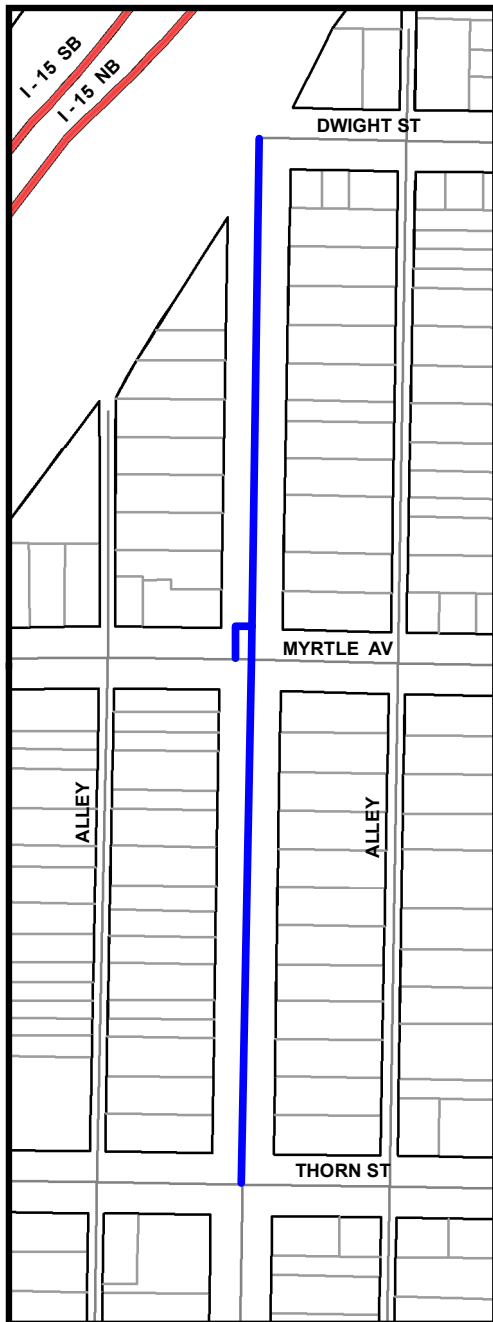
WATER & SEWER GROUP JOB 956

SENIOR ENGINEER
RANIA AMEN
619-533-5492

PROJECT ENGINEER
YOUSIF BENYAMIN
619-533-5103

PROJECT MANAGER
JERICO GALLARDO
619-533-7523

PUBLIC INFORMATION OFFICER
619-533-4207



Legend

- Proposed Water
- Proposed Water & Sewer



COMMUNITY NAME: Mid-City: Talmadge

Mid-City: City Heights

Date: Nov. 21, 2012



COUNCIL DISTRICT: 3

SAP ID: B-11151 (S) \ B-11153 (W)



APPENDIX E

Adjacent Projects



Sewer Group 787

SENIOR ENGINEER
Carl Spier
619-533-5126

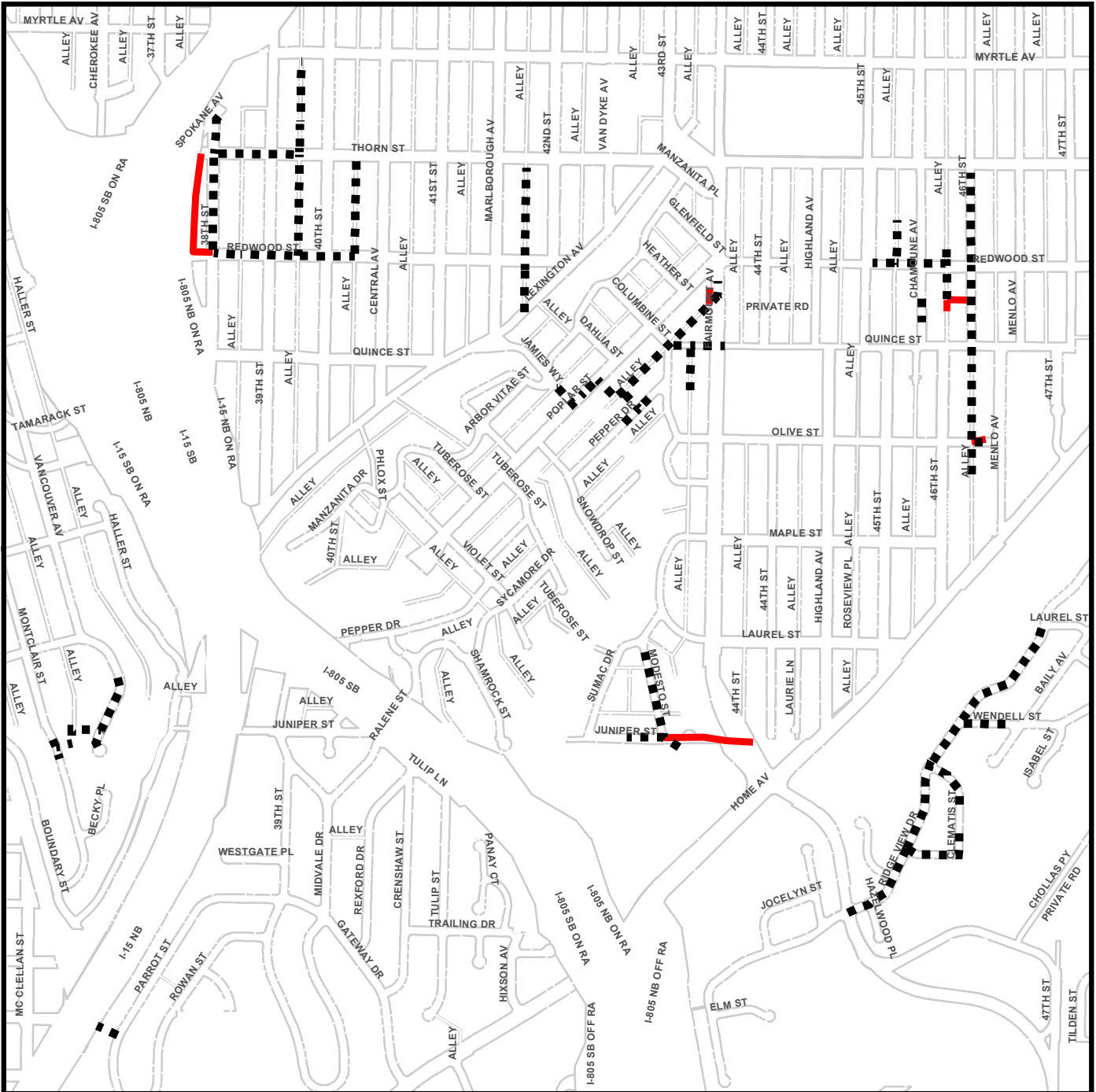
PROJECT MANAGER
Regan Owen
619-533-5205

PROJECT ENGINEER
Matthew DeBeliso
619-533-5286

PUBLIC INFORMATION OFFICER
HOTLINE
619-533-4207



Public Works Dept



Legend

- Sewer_Group_787
- Sewer_Group_787_Abandonment

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COMMUNITY NAME: MID CITY

COUNCIL DISTRICT: 3

SAP ID: B-00393



APPENDIX F

Hydrostatic Discharge Form

APPENDIX

Hydrostatic Discharge Requirements Certification (Discharge Events < 500,000 gpd)

All discharge activities related to this project comply with the Regional Water Quality Control Board (RWQCB) Order No. 2002-0020, General Permit for Discharges of Hydrostatic Test Water and Potable Water to Surface Water and Storm Drains as referenced by (http://www.swrcb.ca.gov/rwqcb9/board_decisions/adopted_orders/2002/2002_0020.shtml), and as follows:

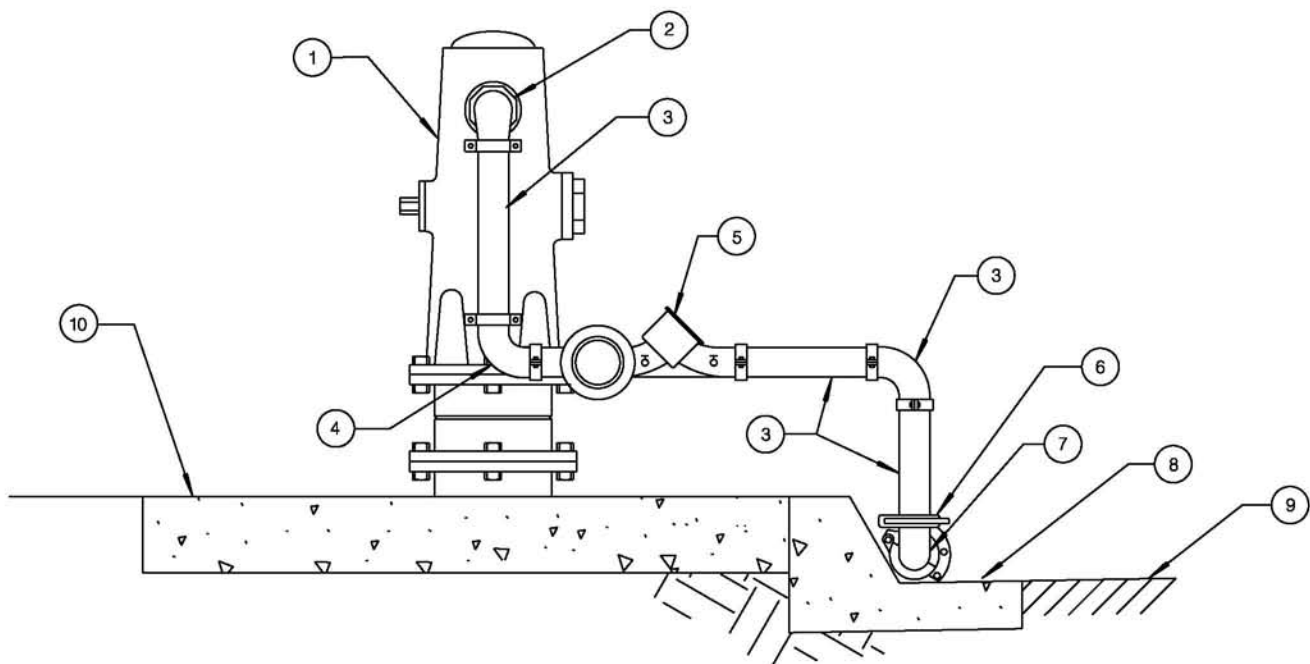
Discharged water has been dechlorinated to below 0.1 (mg/l) level; and effluent has been maintained between 6 and 9 (PH) based on:							<i>is discharge within acceptable limits?</i>		<i>Comment</i>
Event #	Discharge Date & Amount (GAL)	Discharge Time	Meter Readings (at source)	Test Results (Chlorine / PH)	Name of Personnel Conducting Tests (print)	*signature of personnel	yes	no	
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
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	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						

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

Project Name: _____ Work Order No.(s): _____

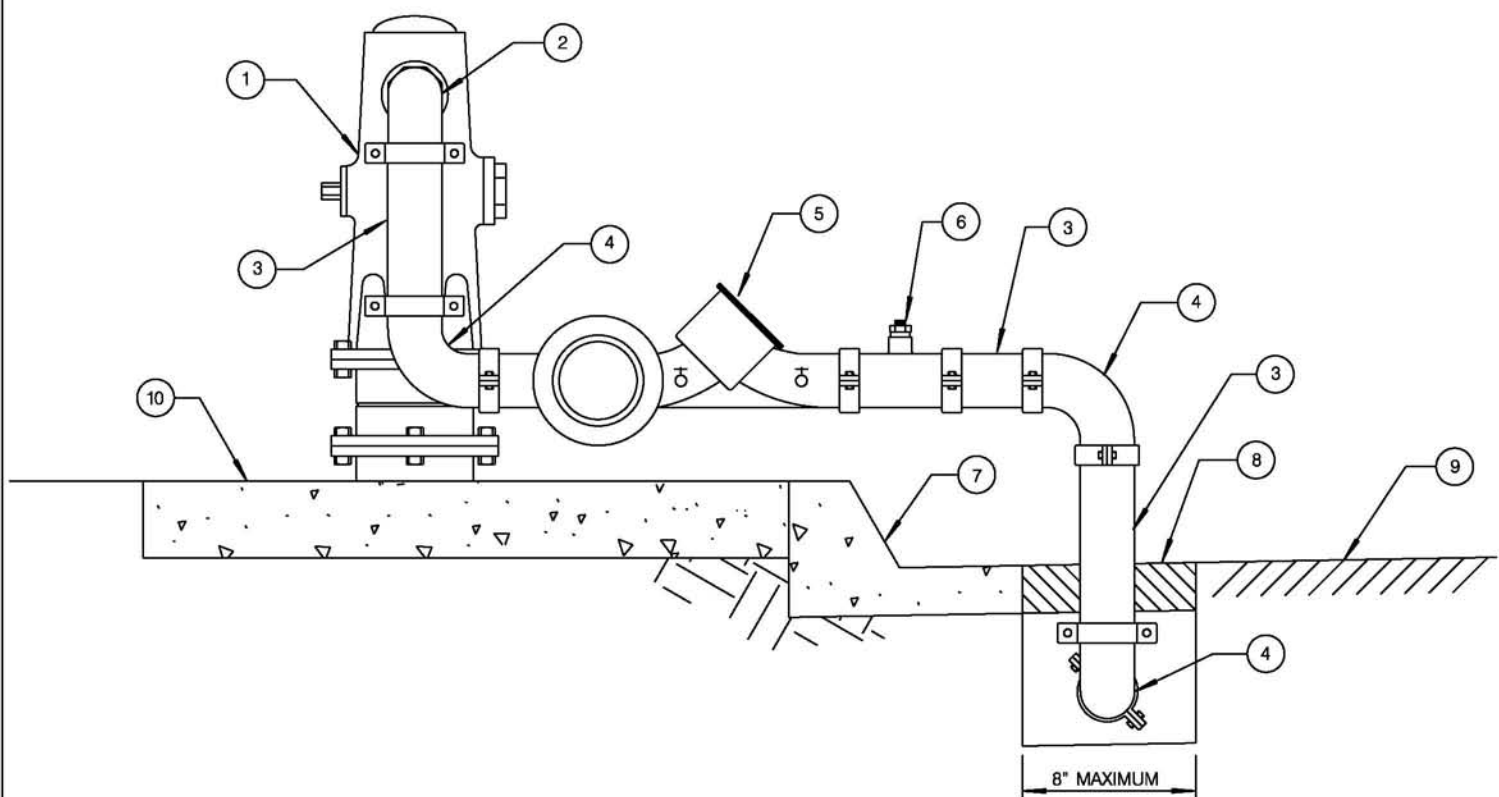
Have any thresholds have been exceeded? Per Order No. 2002-0020, would this be a reportable discharge and must be reported **within 24 hours** of the event? [Reportable discharge would include violation of maximum gallons per day, any upset which exceeds any effluent limit]

APPENDIX G
High-lining Figures



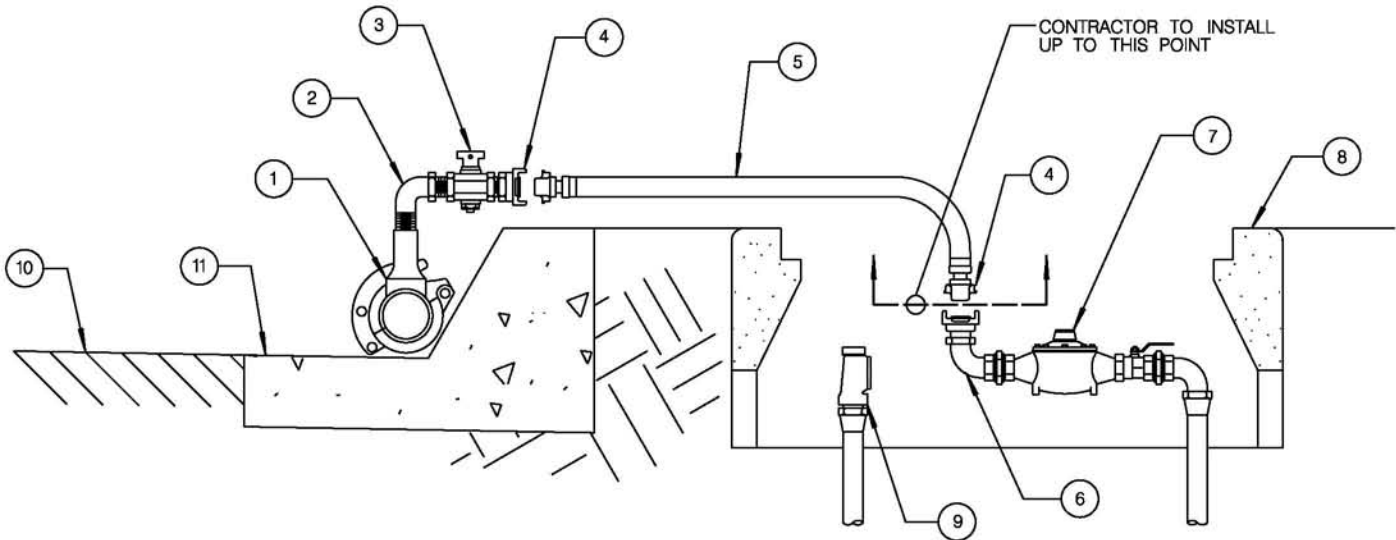
- | | |
|--|--|
| <p>① EXISTING 2-PART FIRE HYDRANT</p> <p>② 2 1/2" PORT TO 2" ADAPTER ELBOW W/THREADED FITTING</p> <p>③ 2" PIPE (GROOVED)</p> <p>④ 2" 90° ELBOW W/THREADED JOINT FITTINGS</p> <p>⑤ 2" BACKFLOW PREVENTER W/ THREADED JOINT FITTINGS</p> <p>⑥ SNAP-JOINT COUPLING (2-GROOVE)</p> | <p>⑦ 2" TEE/90° ELBOW W/ SNAP-JOINT COUPLING(S) (2-GROOVE) W/DIRECTIONAL SHUT OFF VALVE(S) (NOT SHOWN)</p> <p>⑧ EXISTING CURB & GUTTER</p> <p>⑨ EXISTING ROADWAY</p> <p>⑩ EXISTING CONCRETE PAD/SIDEWALK</p> |
|--|--|

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE <i>H. Hadi</i> COORDINATOR R.C.E. 65271 DATE 1/31/2012
ORIGINAL	KA	J. NAGELVOORT	01/12		
				2" FIRE HYDRANT HIGHLINING CONNECTION	DRAWING NUMBER SDW-170



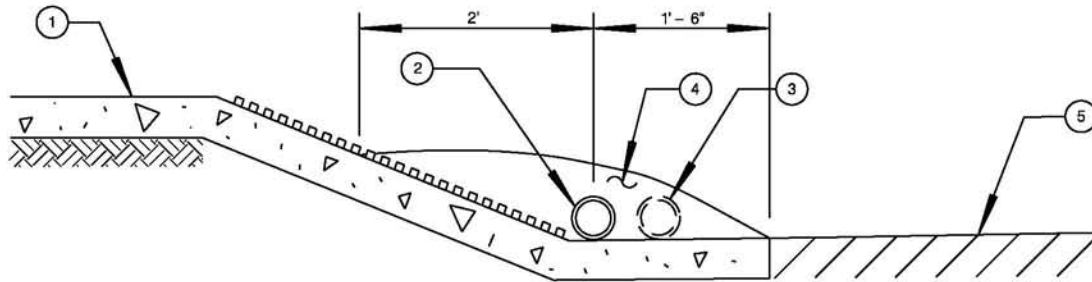
- | | | | |
|---|--|---|---|
| ① | EXISTING 3-PORT FIRE HYDRANT | ⑥ | 4" SHUTOFF VALVE
W/THREADED JOINT FITTINGS |
| ② | PORT ADAPTER ELBOW
W/THREADED JOINT FITTING | ⑦ | EXISTING CURB & GUTTER |
| ③ | PIPE (GROOVED) | ⑧ | SAW CUT ROADWAY, TRENCH,
BACKFILL AND TEMPORARY
ASPHALT SURFACE |
| ④ | 90° ELBOW W/THREADED
JOINT FITTINGS | ⑨ | EXISTING ROADWAY |
| ⑤ | 4" BACKFLOW PREVENTER
W/THREADED JOINT FITTINGS | ⑩ | EXISTING CONCRETE PAD/SIDEWALK |

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE <i>H. Hadi</i> COORDINATOR R.C.E. 65271 DATE 1/31/2012
ORIGINAL	KA	J. NAGELVOORT	01/12		
				4" FIRE HYDRANT HIGHLINING CONNECTION	DRAWING NUMBER SDW-171

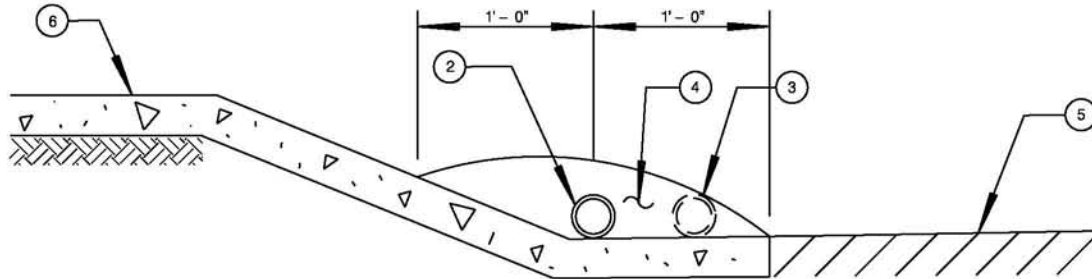


- | | |
|---|--|
| <p>① GROOVED 2"x2"x1" TEE W/SNAP-JOINT COUPLING (2-GROOVE)</p> <p>② 1" 90° ELBOW W/THREADED JOINT FITTINGS</p> <p>③ 1" SHUTOFF VALVE W/THREADED JOINT FITTINGS</p> <p>④ 1" PIPE TO HOSE ADAPTER</p> <p>⑤ 1" CONNECTION HOSE</p> | <p>⑥ 1" 90° ELBOW TO METER THREADS (ADAPTERS MAY BE REQUIRED)</p> <p>⑦ EXISTING WATER METER</p> <p>⑧ EXISTING WATER METER BOX</p> <p>⑨ EXISTING SERVICE CONNECTION FROM WATER MAIN</p> <p>⑩ EXISTING ROADWAY</p> <p>⑪ EXISTING CURB & GUTTER</p> |
|---|--|

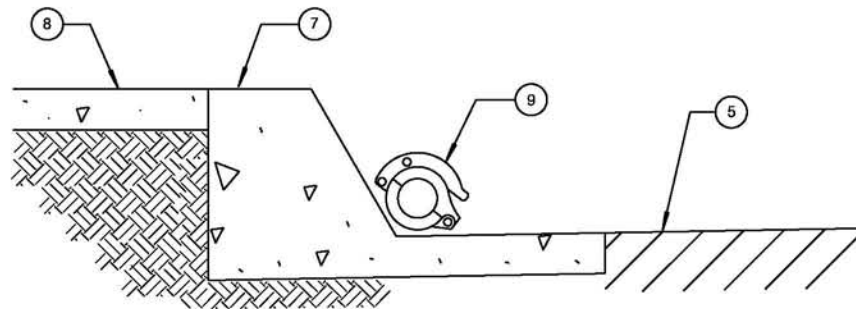
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL	KA	J. NAGELVOORT	01/12		
				RESIDENTIAL USER HIGHLINING CONNECTION	 COORDINATOR R.C.E. 65271 DATE 1/31/2012
					DRAWING NUMBER SDW-172



CURB RAMP HIGHLINING CROSSING



DRIVEWAY HIGHLINING CROSSING



CURB AND GUTTER HIGHLINING RUN

NOTES:

1. SLOPE OF TEMPORARY ASPHALT SHALL BE SMOOTH AND SLOPED TO HAVE A GRADUAL TRANSITION TO THE STREET AND SHALL NOT EXCEED 8.33%. CROSS SLOPE OF THE TEMPORARY ASPHALT SHALL MATCH EXISTING GUTTER SLOPE.
2. NO PIPE COUPLING SHALL BE PLACED WITHIN THE CURB RAMP OPENING.
3. MINIMUM ASPHALT COVER ON HIGHLINE PIPE SHALL BE 1".

- | | | | |
|---|------------------------------|---|--|
| ① | EXISTING CURB RAMP | ⑤ | EXISTING ROADWAY |
| ② | HIGHLINE PIPING | ⑥ | EXISTING DRIVEWAY |
| ③ | DRAIN PIPING | ⑦ | EXISTING CURB & GUTTER |
| ④ | TEMPORARY ASPHALT (COLD MIX) | ⑧ | EXISTING SIDEWALK |
| | | ⑨ | HIGHLINE PIPING AND SNAP COUPLING (2 GROOVE) |

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE <i>H. Hadi</i> COORDINATOR R.C.E. 65271 DATE 1/31/2012
ORIGINAL	KA	J. NAGELVOORT	01/12		
				HIGHLINING CROSSING & RUN	DRAWING NUMBER SDW-173

APPENDIX H

Sewer Mains and Manhole Rehabilitation Sample Data Templates

REHAB DATE COLLECTION – SEWER MAINS

[illegible]

REHAB DATA COLLECTION – MANHOLES

[illegible]

City of San Diego

CITY CONTACT: CLAUDIA ABARCA, Contract Specialist, Email: cabarca@sanidiego.gov
Phone No. (619) 533-3439, Fax No. (619) 533-3633
J GALLARDO / KA / LS



ADDENDUM “A”

FOR

WATER AND SEWER GROUP 956

BID NO.:	<u>K-13-5769-DBB-3</u>
SAP NO. (WBS/IO/CC):	<u>B-11153 (W), B-11151 (S)</u>
CLIENT DEPARTMENT:	<u>2011, 2013</u>
COUNCIL DISTRICT:	<u>3</u>
PROJECT TYPE:	<u>KB, JA</u>

BID DUE DATE:

**2:00 PM
FEBRUARY 21st, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, 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:

_____	_____	Seal:
For City Engineer	Date	

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. VOLUME 1

1. To the Supplementary Special Provisions (SSP), **ADD** the following:

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

2. To the Supplementary Special Provisions (SSP), subsection **500-1.1.2.1, Initial Submittals**, page 37, **DELETE** in its entirety.

C. VOLUME 2

1. To the Bidding Documents, **Proposal (BID)**, pages 11 through 16, **DELETE** in its entirety and **SUBSTITUTE** with pages 4 of 7 through 7 of 7 of this Addendum.

Tony Heinrichs, Director
Public Works Department

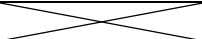

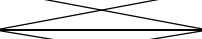

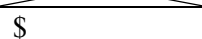

Dated: *February 12, 2013*
San Diego, California

TH/ka/lis

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **WATER AND SEWER GROUP 956**, for the City of San Diego, in accordance with these contract documents for the prices listed below. 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 to Award of the Contract. 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 e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	237110	2-4.1	Bonds (Payment and Performance)		\$
2	1	EA	237110	3-3.2.2	Certified Payroll	\$	\$
3	1	LS	238990	7-9.1.1	Video Recording of Existing Conditions		\$
4	1	LS	237310	7-10.2.6	Traffic Control		\$
5	1	LS	237110	9-3.4.1	Mobilization		\$
6	1	AL	237110	9-3.5	Field Orders - Type II Allowance		\$62,000.00
7	45	CY	237310	300-1.4	Additional Pavement Removal & Disposal	\$	\$
8	5050	LF	237310	302-1.12	Cold Mill AC Pavement (> 1 1/2 - 3")	\$	\$
9	5501	SF	237310	302-3.2	Asphalt Pavement Repair	\$	\$
10	1500	SF	237310	302-5.2.1	Pavement Restoration Adjacent to Trench	\$	\$
11	8	EA	237310	301-1.7	Adjusting Existing Gate Valve Cover to Grade	\$	\$
12	360	SF	237310	303-5.9	Cross Gutter	\$	\$
13	225	LF	237310	303-5.9	Additional Curb and Gutter Removal and Replacement	\$	\$
14	550	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$	\$
15	10	EA	237310	303-5.10.2	Curb Ramp Type A with Detectable Warning Tiles	\$	\$
16	5	EA	237310	303-5.10.2	Curb Ramp Type C1 with Detectable Warning Tiles	\$	\$
17	2	EA	237310	303-5.10.2	Curb Ramp Type C2 with Detectable Warning Tiles	\$	\$
18	1	LS	237110	306-1.1.6	Trench Shoring		\$
19	56	CY	237110	306-1.2.1.1	Additional Bedding	\$	\$
20	370	TON	237110	306-1.6	Imported Backfill	\$	\$
21	848	LF	237110	306-1.6	8-Inch Water Main	\$	\$
22	533	LF	237110	306-1.6	8-Inch Water Main, Class 305	\$	\$
23	1387	LF	237110	306-1.6	16-Inch Water Main	\$	\$
24	7	CY	237110	306-1.6	Water Main Thrust Blocks and Anchor Blocks	\$	\$

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
25	4	EA	237110	306-1.6	6-Inch Fire Hydrant Assembly & Marker	\$	\$
26	8	EA	237110	306-1.6	16-Inch Butterfly Valve Class 250B W Resilient Seat	\$	\$
27	15	EA	237110	306-1.6	8-Inch Gate Valve	\$	\$
28	50	LF	237110	306-5.3	Removal or Abandonment of Existing Water Facilities	\$	\$
29	2	EA	237110	306-13	Abandon Water Services (Stiff)	\$	\$
30	30	EA	237110	306-14.1	1-Inch Copper Water Service	\$	\$
31	2	EA	237110	306-18	4-Inch Blowoff Valve Assembly	\$	\$
32	1	EA	237110	306-19	2-Inch Air & Vacuum Valve, Class 235	\$	\$
33	2	EA	541370	309-4	Survey Monuments	\$	\$
34	1	LS	541330	701-13.9.5	Water Pollution Control Program Development		\$
35	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation		\$
36	625	LF	237110	708-6	Handling and Disposal of Non-friable Asbestos Material	\$	\$
37	1	EA	237310	301-1.7	Adjusting Existing Manhole Frame & Cover to Grade	\$	\$
38	1365	TON	237310	302-5.9	1-1/2 Inch Asphalt Concrete Overlay and Striping	\$	\$
39	12550	SY	237310	302-7.4	Pavement Fabric	\$	\$
40	5	EA	237310	303-5.9	Contractor Date Stamp and Impressions	\$	\$
41	325	TON	237310	306-1.5.1	Temporary Resurfacing	\$	\$
42	214	LF	237110	306-1.6	8-Inch Sewer Main, Special Strength SDR-26	\$	\$
43	8	EA	237110	306-1.7.1	4-Inch Sewer Lateral & Cleanout (Street)	\$	\$
44	2	EA	237110	306-1.8.6	Manholes (4' x 3')	\$	\$
45	995	LF	237110	306-9.7	Video Inspecting Pipelines and Culverts for Acceptance	\$	\$
46	995	LF	237110	306-9.7	Cleaning and Video Inspecting Pipelines and Culverts	\$	\$
47	780	LF	237110	500-1.1.9	Rehabilitate 8-Inch Sewer Main	\$	\$
48	1	EA	237110	500-1.2.7	Point Repair for Existing 8-Inch Sewer Main	\$	\$
49	21	EA	237110	500-1.6.2.6	Service Lateral Connection	\$	\$
50	3	EA	237110	500-2.11.6	Rehabilitate Existing Manhole	\$	\$
51	1	LS	237110	704-4	Sewage Bypass and Pumping Plan (Diversion Plan)		\$
ESTIMATED TOTAL BASE BID							\$

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
ALTERNATE "A"							
1	1	LS	237110	600-1.2.2.10	High-Lining by the Contractor		\$
ESTIMATED SUBTOTAL FOR ALTERNATE "A"							\$
ALTERNATE "B"							
1	2	EA	237110	600-1.3.2.10	8-Inch through 12-Inch Connections to the Existing System by Contractor	\$	\$
2	4	EA	237110	600-1.3.2.10	16-Inch Connections to the Existing System by Contractor	\$	\$
3	7	EA	237110	600-1.4.9	Cut and Plug Existing System by Contractor	\$	\$
ESTIMATED SUBTOTAL FOR ALTERNATE "B"							\$
ESTIMATED TOTAL BASE BID PLUS ALTERNATE "A" AND ALTERNATE "B"							\$

TOTAL BID PRICE FOR BID (Items 1 through 51), PLUS Alternate "A" (Item 1) and Alternate "B", (Items 1 through 3, inclusive) amount written in words:

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: _____

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

BIDDING DOCUMENTS

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

Bidder: _____

Title: _____

Business Address: _____

Place of Business: _____

Place of Residence: _____

Signature: _____

NOTES:

- A. The City shall determine the low Bid based on the Base Bid plus Alternates: **A & B.**
- B. After the low Bid has been determined, the City may award the Contract for the Base Bid alone or if applicable, for the Base Bid plus any combination of alternates selected in the City's sole discretion.
- C. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- D. Failure to initial all corrections made in the bidding documents shall cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- E. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- F. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- G. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- H. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- I. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

City of San Diego

CITY CONTACT: CLAUDIA ABARCA, Contract Specialist, Email: cabarca@saniego.gov
Phone No. (619) 533-3439, Fax No. (619) 533-3633
J GALLARDO / KA / LS



ADDENDUM "B"

FOR

WATER AND SEWER GROUP 956

BID NO.: K-13-5769-DBB-3
SAP NO. (WBS/IO/CC): B-11153 (W), B-11151 (S)
CLIENT DEPARTMENT: 2011, 2013
COUNCIL DISTRICT: 3
PROJECT TYPE: KB, JA

BID DUE DATE:

**2:00 PM
FEBRUARY 21st, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, 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

2/12/2013 Seal:
Date



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. ADDENDUM A

1. To Addendum A, **DELETE** in its entirety.

C. VOLUME 1

1. To the Supplementary Special Provisions (SSP), to the various subsections, **ADD** the following:

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".

8-2 FIELD OFFICE FACILITIES. To the City Supplement, **DELETE** in its entirety.

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

207-27 FUSIBLE NON-PRESSURE POLYVINYLCHLORIDE PIPE. To the City Supplement, **DELETE** in its entirety.

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 Crushed 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.
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 Crushed 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.
- 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. 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.
3. 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.
4. Milling shall be included in the Bid item for Asphalt Pavement Repair unless separate Bid item has been provided.
5. 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.

306-22 Pipe Fusion. DELETE in its entirety.

500-1.1.5 Video Inspection. To the City Supplement, after the last paragraph, ADD the following:

During the pre-installation video the contractor must identify all existing protruding laterals with the existing main and trim them

flush to the main prior to rehabilitation. The cost of trimming the existing laterals will be included in the pipe rehabilitation bid item.

2. To the Supplementary Special Provisions (SSP), subsection **500-1.1.2.1, Initial Submittals**, page 37, **DELETE** in its entirety.

D. VOLUME 2

1. To the Bidding Documents, **Proposal (BID)**, pages 11 through 16, **DELETE** in their entirety and **SUBSTITUTE** with Pages 8 of 11 through 11 of 11 of this Addendum.

Tony Heinrichs, Director
Public Works Department

Dated: *February 12, 2013*
San Diego, California

TH/ka/ls/egz

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **WATER AND SEWER GROUP 956**, for the City of San Diego, in accordance with these contract documents for the prices listed below. 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 to Award of the Contract. 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 e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	237110	2-4.1	Bonds (Payment and Performance)		\$
2	1	EA	237110	3-3.2.2	Certified Payroll	\$	\$
3	1	LS	238990	7-9.1.1	Video Recording of Existing Conditions		\$
4	1	LS	237310	7-10.2.6	Traffic Control		\$
5	1	LS	237110	9-3.4.1	Mobilization		\$
6	1	AL	237110	9-3.5	Field Orders - Type II Allowance		\$62,000.00
7	45	CY	237310	300-1.4	Additional Pavement Removal & Disposal	\$	\$
8	5050	LF	237310	302-1.12	Cold Mill AC Pavement (> 1 1/2 - 3")	\$	\$
9	5501	SF	237310	302-3.2	Asphalt Pavement Repair	\$	\$
10	1500	SF	237310	302-5.2.1	Pavement Restoration Adjacent to Trench	\$	\$
11	8	EA	237310	301-1.7	Adjusting Existing Gate Valve Cover to Grade	\$	\$
12	360	SF	237310	303-5.9	Cross Gutter	\$	\$
13	225	LF	237310	303-5.9	Additional Curb and Gutter Removal and Replacement	\$	\$
14	550	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$	\$
15	10	EA	237310	303-5.10.2	Curb Ramp Type A with Detectable Warning Tiles	\$	\$
16	5	EA	237310	303-5.10.2	Curb Ramp Type C1 with Detectable Warning Tiles	\$	\$
17	2	EA	237310	303-5.10.2	Curb Ramp Type C2 with Detectable Warning Tiles	\$	\$
18	1	LS	237110	306-1.1.6	Trench Shoring		\$
19	56	CY	237110	306-1.2.1.1	Additional Bedding	\$	\$
20	370	TON	237110	306-1.6	Imported Backfill	\$	\$
21	848	LF	237110	306-1.6	8-Inch Water Main	\$	\$
22	533	LF	237110	306-1.6	8-Inch Water Main, Class 305	\$	\$
23	1387	LF	237110	306-1.6	16-Inch Water Main	\$	\$
24	7	CY	237110	306-1.6	Water Main Thrust Blocks and Anchor Blocks	\$	\$

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
25	4	EA	237110	306-1.6	6-Inch Fire Hydrant Assembly & Marker	\$	\$
26	8	EA	237110	306-1.6	16-Inch Butterfly Valve Class 250B W Resilient Seat	\$	\$
27	15	EA	237110	306-1.6	8-Inch Gate Valve	\$	\$
28	50	LF	237110	306-5.3	Removal or Abandonment of Existing Water Facilities	\$	\$
29	2	EA	237110	306-13	Abandon Water Services (Stiff)	\$	\$
30	30	EA	237110	306-14.1	1-Inch Copper Water Service	\$	\$
31	2	EA	237110	306-18	4-Inch Blowoff Valve Assembly	\$	\$
32	1	EA	237110	306-19	2-Inch Air & Vacuum Valve, Class 235	\$	\$
33	2	EA	541370	309-4	Survey Monuments	\$	\$
34	1	LS	541330	701-13.9.5	Water Pollution Control Program Development		\$
35	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation		\$
36	625	LF	237110	708-6	Handling and Disposal of Non-friable Asbestos Material	\$	\$
37	1	EA	237310	301-1.7	Adjusting Existing Manhole Frame & Cover to Grade	\$	\$
38	1365	TON	237310	302-5.9	1-1/2 Inch Asphalt Concrete Overlay and Striping	\$	\$
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49	21	EA	237110	500-1.6.2.6	Service Lateral Connection	\$	\$
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51	1	LS	237110	704-4	Sewage Bypass and Pumping Plan (Diversion Plan)		\$
ESTIMATED TOTAL BASE BID							\$

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
ALTERNATE "A"							
1	1	LS	237110	600-1.2.2.10	High-lining by the Contractor		\$
ESTIMATED SUBTOTAL FOR ALTERNATE "A"							\$
ALTERNATE "B"							
1	2	EA	237110	600-1.3.2.10	8-Inch through 12-Inch Connections to the Existing System by Contractor	\$	\$
2	4	EA	237110	600-1.3.2.10	16-Inch Connections to the Existing System by Contractor	\$	\$
3	7	EA	237110	600-1.4.9	Cut and Plug Existing System by Contractor	\$	\$
ESTIMATED SUBTOTAL FOR ALTERNATE "B"							\$
ESTIMATED TOTAL BASE BID PLUS ALTERNATE "A" AND ALTERNATE "B"							\$

TOTAL BID PRICE FOR BID (Items 1 through 51), PLUS Alternate "A" (Item 1) and Alternate "B", (Items 1 through 3, inclusive) amount written in words:

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: _____

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

BIDDING DOCUMENTS

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

Bidder: _____

Title: _____

Business Address: _____

Place of Business: _____

Place of Residence: _____

Signature: _____

NOTES:

- A. The City shall determine the low Bid based on the Base Bid plus Alternates: **A & B.**
- B. After the low Bid has been determined, the City may award the Contract for the Base Bid alone or if applicable, for the Base Bid plus any combination of alternates selected in the City's sole discretion.
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- H. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- I. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

- b) When additional base material is required, then the contractor shall use Crushed 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.
- 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. 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.
3. 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.
4. Milling shall be included in the Bid item for Asphalt Pavement Repair unless separate Bid item has been provided.
5. 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.

306-22 Pipe Fusion. DELETE in its entirety.

500-1.1.5 Video Inspection. To the City Supplement, after the last paragraph, ADD the following:

During the pre-installation video the contractor must identify all existing protruding laterals with the existing main and trim them

flush to the main prior to rehabilitation. The cost of trimming the existing laterals will be included in the pipe rehabilitation bid item.

2. To the Supplementary Special Provisions (SSP), subsection **500-1.1.2.1, Initial Submittals**, page 37, **DELETE** in its entirety.

D. VOLUME 2

1. To the Bidding Documents, **Proposal (BID)**, pages 11 through 16, **DELETE** in its entirety and **SUBSTITUTE** with Pages 8 of 11 through 11 of 11 of this Addendum.

Tony Heinrichs, Director
Public Works Department

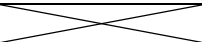

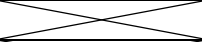
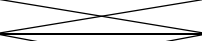
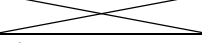

Dated: *February 12, 2013*
San Diego, California

TH/ka/ls/egz

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **WATER AND SEWER GROUP 956**, for the City of San Diego, in accordance with these contract documents for the prices listed below. 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 to Award of the Contract. 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 e.g., bond and insurance.

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BASE BID							
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3	1	LS	238990	7-9.1.1	Video Recording of Existing Conditions		\$
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5	1	LS	237110	9-3.4.1	Mobilization		\$
6	1	AL	237110	9-3.5	Field Orders - Type II Allowance		\$62,000.00
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8	5050	LF	237310	302-1.12	Cold Mill AC Pavement (> 1 1/2 - 3")	\$	\$
9	5501	SF	237310	302-3.2	Asphalt Pavement Repair	\$	\$
10	1500	SF	237310	302-5.2.1	Pavement Restoration Adjacent to Trench	\$	\$
11	8	EA	237310	301-1.7	Adjusting Existing Gate Valve Cover to Grade	\$	\$
12	360	SF	237310	303-5.9	Cross Gutter	\$	\$
13	225	LF	237310	303-5.9	Additional Curb and Gutter Removal and Replacement	\$	\$
14	550	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$	\$
15	10	EA	237310	303-5.10.2	Curb Ramp Type A with Detectable Warning Tiles	\$	\$
16	5	EA	237310	303-5.10.2	Curb Ramp Type C1 with Detectable Warning Tiles	\$	\$
17	2	EA	237310	303-5.10.2	Curb Ramp Type C2 with Detectable Warning Tiles	\$	\$
18	1	LS	237110	306-1.1.6	Trench Shoring		\$
19	56	CY	237110	306-1.2.1.1	Additional Bedding	\$	\$
20	370	TON	237110	306-1.6	Imported Backfill	\$	\$
21	848	LF	237110	306-1.6	8-Inch Water Main	\$	\$
22	533	LF	237110	306-1.6	8-Inch Water Main, Class 305	\$	\$
23	1387	LF	237110	306-1.6	16-Inch Water Main	\$	\$
24	7	CY	237110	306-1.6	Water Main Thrust Blocks and Anchor Blocks	\$	\$

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
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26	8	EA	237110	306-1.6	16-Inch Butterfly Valve Class 250B W Resilient Seat	\$	\$
27	15	EA	237110	306-1.6	8-Inch Gate Valve	\$	\$
28	50	LF	237110	306-5.3	Removal or Abandonment of Existing Water Facilities	\$	\$
29	2	EA	237110	306-13	Abandon Water Services (Stiff)	\$	\$
30	30	EA	237110	306-14.1	1-Inch Copper Water Service	\$	\$
31	2	EA	237110	306-18	4-Inch Blowoff Valve Assembly	\$	\$
32	1	EA	237110	306-19	2-Inch Air & Vacuum Valve, Class 235	\$	\$
33	2	EA	541370	309-4	Survey Monuments	\$	\$
34	1	LS	541330	701-13.9.5	Water Pollution Control Program Development		\$
35	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation		\$
36	625	LF	237110	708-6	Handling and Disposal of Non-friable Asbestos Material	\$	\$
37	1	EA	237310	301-1.7	Adjusting Existing Manhole Frame & Cover to Grade	\$	\$
38	1365	TON	237310	302-5.9	1-1/2 Inch Asphalt Concrete Overlay and Striping	\$	\$
39	12550	SY	237310	302-7.4	Pavement Fabric	\$	\$
40	5	EA	237310	303-5.9	Contractor Date Stamp and Impressions	\$	\$
41	325	TON	237310	306-1.5.1	Temporary Resurfacing	\$	\$
42	214	LF	237110	306-1.6	8-Inch Sewer Main, Special Strength SDR-26	\$	\$
43	8	EA	237110	306-1.7.1	4-Inch Sewer Lateral & Cleanout (Street)	\$	\$
44	2	EA	237110	306-1.8.6	Manholes (4' x 3')	\$	\$
45	995	LF	237110	306-9.7	Video Inspecting Pipelines and Culverts for Acceptance	\$	\$
46	995	LF	237110	306-9.7	Cleaning and Video Inspecting Pipelines and Culverts	\$	\$
47	780	LF	237110	500-1.1.9	Rehabilitate 8-Inch Sewer Main	\$	\$
48	1	EA	237110	500-1.2.7	Point Repair for Existing 8-Inch Sewer Main	\$	\$
49	21	EA	237110	500-1.6.2.6	Service Lateral Connection	\$	\$
50	3	EA	237110	500-2.11.6	Rehabilitate Existing Manhole	\$	\$
51	1	LS	237110	704-4	Sewage Bypass and Pumping Plan (Diversion Plan)		\$
ESTIMATED TOTAL BASE BID							\$

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
ALTERNATE "A"							
1	1	LS	237110	600-1.2.2.10	High-Lining by the Contractor		\$
ESTIMATED SUBTOTAL FOR ALTERNATE "A"							\$
ALTERNATE "B"							
1	2	EA	237110	600-1.3.2.10	8-Inch through 12-Inch Connections to the Existing System by Contractor	\$	\$
2	4	EA	237110	600-1.3.2.10	16-Inch Connections to the Existing System by Contractor	\$	\$
3	7	EA	237110	600-1.4.9	Cut and Plug Existing System by Contractor	\$	\$
ESTIMATED SUBTOTAL FOR ALTERNATE "B"							\$
ESTIMATED TOTAL BASE BID PLUS ALTERNATE "A" AND ALTERNATE "B"							\$

TOTAL BID PRICE FOR BID (Items 1 through 51), PLUS Alternate "A" (Item 1) and Alternate "B", (Items 1 through 3, inclusive) amount written in words:

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: _____

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

BIDDING DOCUMENTS

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

Bidder: _____

Title: _____

Business Address: _____

Place of Business: _____

Place of Residence: _____

Signature: _____

NOTES:

- A. The City shall determine the low Bid based on the Base Bid plus Alternates: **A & B.**
- B. After the low Bid has been determined, the City may award the Contract for the Base Bid alone or if applicable, for the Base Bid plus any combination of alternates selected in the City's sole discretion.
- C. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- D. Failure to initial all corrections made in the bidding documents shall cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- E. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- F. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- G. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- H. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- I. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

City of San Diego

CITY CONTACT: CLAUDIA ABARCA, Contract Specialist, Email: cabarca@sandiego.gov
Phone No. (619) 533-3439, Fax No. (619) 533-3633
J GALLARDO / KA / LS



ADDENDUM "C"

FOR

WATER AND SEWER GROUP 956


BID NO.: K-13-5769-DBB-3
SAP NO. (WBS/IO/CC): B-11153 (W), B-11151 (S)
CLIENT DEPARTMENT: 2011, 2013
COUNCIL DISTRICT: 3
PROJECT TYPE: KB, JA

BID DUE DATE:

**2:00 PM
FEBRUARY 21st, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, 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

2/12/2013
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. ADDENDUM A

1. To Addendum A, **DELETE** in its entirety.

C. ADDENDUM B

2. To Addendum B, **DELETE** in its entirety.

D. VOLUME 1

1. To the Supplementary Special Provisions (SSP), to the various subsections, **ADD** the following:

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".

8-2 FIELD OFFICE FACILITIES. To the City Supplement, **DELETE** in its entirety.

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

207-27 FUSIBLE NON-PRESSURE POLYVINYLCHLORIDE PIPE. To the City Supplement, **DELETE** in its entirety.

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 Crushed 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.
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 Crushed 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.
- 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. 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.
3. 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.
4. Milling shall be included in the Bid item for Asphalt Pavement Repair unless separate Bid item has been provided.
5. 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.

306-22 Pipe Fusion. DELETE in its entirety.

500-1.1.5 Video Inspection. To the City Supplement, after the last paragraph, ADD the following:

During the pre-installation video the contractor must identify all existing protruding laterals with the existing main and trim them flush to the main prior to rehabilitation. The cost of trimming the existing laterals will be included in the pipe rehabilitation bid item.

2. To the Supplementary Special Provisions (SSP), subsection **500-1.1.2.1, Initial Submittals**, page 37, **DELETE** in its entirety.

E. VOLUME 2

1. To the Bidding Documents, **Proposal (BID)**, pages 11 through 16, **DELETE** in their entirety and **SUBSTITUTE** with Pages 8 of 11 through 11 of 11 of this Addendum.

Tony Heinrichs, Director
Public Works Department

Dated: *February 12, 2013*
San Diego, California

TH/ka/ls/egz

BIDDING DOCUMENTS

PROPOSAL (BID)

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BIDDING DOCUMENTS

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ESTIMATED SUBTOTAL FOR ALTERNATE "B"							\$
ESTIMATED TOTAL BASE BID PLUS ALTERNATE "A" AND ALTERNATE "B"							\$

TOTAL BID PRICE FOR BID (Items 1 through 51), PLUS Alternate "A" (Item 1) and Alternate "B", (Items 1 through 3, inclusive) amount written in words:

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BIDDING DOCUMENTS

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Bidder: _____

Title: _____

Business Address: _____

Place of Business: _____

Place of Residence: _____

Signature: _____

NOTES:

- A. The City shall determine the low Bid based on the Base Bid plus Alternates: **A & B.**
- B. After the low Bid has been determined, the City may award the Contract for the Base Bid alone or if applicable, for the Base Bid plus any combination of alternates selected in the City's sole discretion.
- C. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- D. Failure to initial all corrections made in the bidding documents shall cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- E. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- F. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- G. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- H. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- I. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

✓ valid
CA

City of San Diego

CONTRACTOR'S NAME: ORTIZ CORPORATION

ADDRESS: 2000 MCKINLEY AVENUE, NATIONAL CITY, CA 91950

TELEPHONE NO.: 619-434-7925

FAX NO.: 619-434-7931

CITY CONTACT: Claudia Abarca, Contract Specialist, Email: cabarca@sanidiego.gov

Phone No. (619) 533-3439, Fax No. (619) 533-3633

J GALLARDO / KA / LS



CONTRACT DOCUMENTS

FOR

WATER AND SEWER GROUP 956

VOLUME 2 OF 2

BID NO.: K-13-5769-DBB-3

SAP NO. (WBS/IO/CC): B-11153 (W), B-11151 (S)

CLIENT DEPARTMENT: 2011, 2013

COUNCIL DISTRICT: 3

PROJECT TYPE: KB, JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.

THIS BIDDING DOCUMENT TO BE SUBMITTED IN ITS ENTIRETY
REFER TO VOLUME 1 COVER PAGE FOR TIME, DATE, AND LOCATION

TABLE OF CONTENTS

Volume 2 - Bidding Documents

The following forms must be completed in their entirety and submitted with the Bid. Include the form(s) even if the information does not apply. Where the information does not apply write in N/A. Failure to include any of the forms may cause the Bid to be deemed **non-responsive**. If you are uncertain or have any questions about any required information, contact the City no later than 14 days prior to Bid due date.

1. Bid/Proposal.....	3-6
2. Bid Bond.....	7
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106	8
4. Contractors Certification of Pending Actions	9
5. Equal Benefits Ordinance Certification of Compliance.....	10
6. Proposal (Bid).....	11-16
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8. Form AA40 - Named Equipment/Material Supplier List	18
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BIDDING DOCUMENTS

PROPOSAL

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.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

- (1) Name under which business is conducted N/A
- (2) Signature (Given and surname) of proprietor _____
- (3) Place of Business (Street & Number) _____
- (4) City and State _____ Zip Code _____
- (5) Telephone No. _____ Facsimile No. _____

BIDDING DOCUMENTS

IF A PARTNERSHIP, SIGN HERE:

(1) Name under which business is conducted N/A

(2) Name of each member of partnership, indicate character of each partner, general or special (limited):

(3) Signature (Note: Signature must be made by a general partner)

Full Name and Character of partner

(4) Place of Business (Street & Number) _____

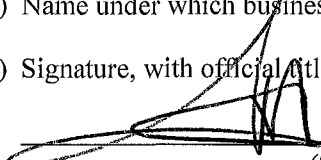
(5) City and State _____ Zip Code _____

(6) Telephone No. _____ Facsimile No. _____

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted ORTIZ CORPORATION

(2) Signature, with official title of officer authorized to sign for the corporation:



(Signature)

AIDA BANGHART

(Printed Name)

VICE PRESIDENT

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of CALIFORNIA

(4) Place of Business (Street & Number) 2000 MC KINLEY AVENUE

(5) City and State NATIONAL CITY, CA Zip Code 91950

(6) Telephone No. 619-434-7925 Facsimile No. 619-434-7931

BIDDING DOCUMENTS

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the "NOTICE INVITING BIDS", the bidder holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

LICENSE CLASSIFICATION A

LICENSE NO. 602454 EXPIRES SEPTEMBER 30TH, 2014

This license classification must also be shown on the front of the bid envelope. Failure to show license classification on the bid envelope may cause return of the bid unopened.

TAX IDENTIFICATION NUMBER (TIN): ██████████ 94-10000

E-Mail Address: Lucy@ortizcorporation.com / Jose@ortizcorporation.com

BIDDING DOCUMENTS

THIS PROPOSAL MUST BE NOTARIZED BELOW:

I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

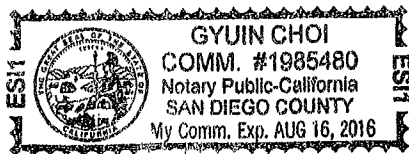
Signature [Signature] Title VICE PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 21st DAY OF Feb, 2013.

Notary Public in and for the County of San Diego, State of California

2/ 3 06

(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That Ortiz Corporation as Principal, and
International Fidelity 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

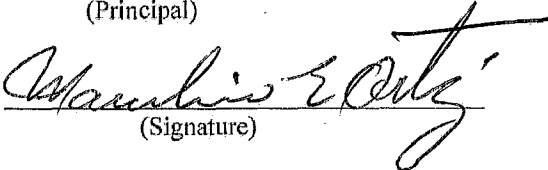
Project No. K-13-5769-DBB-3 / WATER & SEWER GROUP 956

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 _____ 4th day of February, 20 13

Ortiz Corporation (SEAL)
(Principal)

International Fidelity Insurance Company (SEAL)
(Surety)

By: 
(Signature)

By: 
(Signature) Bart Stewart, Attorney-in-Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

POWER OF ATTORNEY

INTERNATIONAL FIDELITY INSURANCE COMPANY ALLEGHENY CASUALTY COMPANY

ONE NEWARK CENTER, 20TH FLOOR NEWARK, NEW JERSEY 07102-5207

KNOW ALL MEN BY THESE PRESENTS: That **INTERNATIONAL FIDELITY INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of New Jersey, and **ALLEGHENY CASUALTY COMPANY**, a corporation organized and existing under the laws of the State of Pennsylvania, having their principal office in the City of Newark, New Jersey, do hereby constitute and appoint

BART STEWART

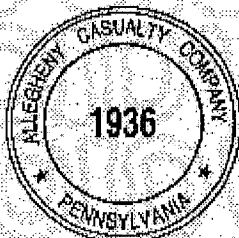
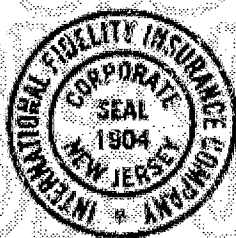
Encinitas, CA.

their true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY**, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by their regularly elected officers at their principal offices.

This Power of Attorney is executed, and may be revoked, pursuant to and by authority of the By-Laws of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** and is granted under, and by authority of the following resolution adopted by the Board of Directors of **INTERNATIONAL FIDELITY INSURANCE COMPANY** at a meeting duly held on the 20th day of July, 2010 and by the Board of Directors of **ALLEGHENY CASUALTY COMPANY** at a meeting duly held on the 15th day of August, 2000:

"RESOLVED, that (1) the President, Vice President, or Secretary of the Corporation shall have the power to appoint, and to revoke the appointments of, Attorneys-in-Fact or agents with power and authority as defined or limited in their respective powers of attorney, and to execute on behalf of the Corporation and affix the Corporation's seal thereto, bonds, undertakings, recognizances, contracts of indemnity and other written obligations in the nature thereof or related thereto; and (2) any such Officers of the Corporation may appoint and revoke the appointments of joint-control custodians, agents for acceptance of process, and Attorneys-in-fact with authority to execute waivers and consents on behalf of the Corporation; and (3) the signature of any such Officer of the Corporation and the Corporation's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seals when so used whether heretofore or hereafter, being hereby adopted by the Corporation as the original signature of such officer and the original seal of the Corporation, to be valid and binding upon the Corporation with the same force and effect as though manually affixed."

IN WITNESS WHEREOF, **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** have each executed and attested these presents on this 12th day of March, 2012.

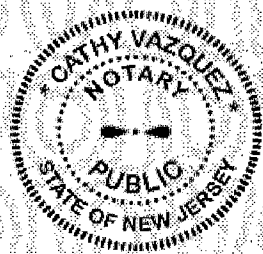


STATE OF NEW JERSEY
County of Essex

ROBERT W. MINSTER
Executive Vice President/Chief Operating Officer
(International Fidelity Insurance Company)
and President (Allegheny Casualty Company)

On this 12th day of March 2012, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY**; that the seals affixed to said instrument are the Corporate Seals of said Companies; that the said Corporate Seals and his signature were duly affixed by order of the Boards of Directors of said Companies.

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.



A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Mar. 27, 2014

CERTIFICATION

I, the undersigned officer of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Sections of the By-Laws of said Companies as set forth in said Power of Attorney, with the originals on file in the home office of said companies, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

4th day of February, 2013

MARIA BRANCO, Assistant Secretary

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Diego

On 02-04-13 before me, Laura Ashley Aceves, Notary Public

(Here insert name and title of the officer)

personally appeared Bart Stewart

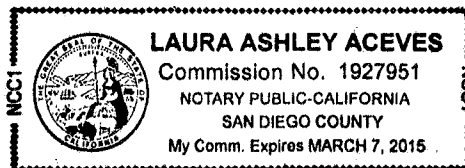
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),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

WITNES my hand and official seal.

Signature of Notary Public

(Notary Seal)



ADDITIONAL OPTIONAL INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

(Additional information)

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
- _____
(Title)
- ☐ Partner(s)
- ☒ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other _____

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

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) ss.

AIDA BANGHART

_____, being first duly sworn, deposes and says that ~~xxx~~ she is VICE PRESIDENT of 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.

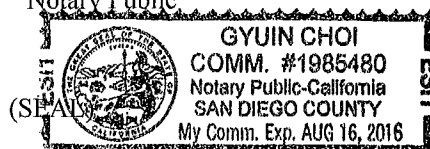
Signed: _____

Title: VICE PRESIDENT

Subscribed and sworn to before me this 21st day of Feb., 2013

21 3 2

Notary Public



CONTRACTORS 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 ten 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 ten 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: ORTIZ CORPORATION

Certified By

AIDA BANGHART

Name

Title VICE PRESIDENT

Signature

Date 02/21/2013

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

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

Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: ORTIZ CORPORATION	Contact Name: LUCY ORTIZ
Company Address: 2000 MC KINLEY AVENUE	Contact Phone: 619-434-7925
NATIOANL CITY, CA 91950	Contact Email: Lucy@ortizcorporation.com

CONTRACT INFORMATION

Contract Title: WATER & SEWER GROUP 956	Start Date: MAY 2013
Contract Number (if no number, state location): K-13-5769-DBB-3	End Date: SEP 2013

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.

AIDA BANGHART/VICE PRESIDENT

02/21/13

Name/Title of Signatory

Signature

Date

FOR OFFICIAL CITY USE ONLY

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

rev 02/15/2011

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **WATER AND SEWER GROUP 956**, for the City of San Diego, in accordance with these contract documents for the prices listed below. 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 to Award of the Contract. 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 e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	237110	2-4.1	Bonds (Payment and Performance)		\$ 7,600.00
2	1	EA	237110	3-3.2.2	Certified Payroll	\$ 100.00	\$ 100.00
3	1	LS	238990	7-9.1.1	Video Recording of Existing Conditions		\$ 600.00
4	1	LS	237310	7-10.2.6	Traffic Control		\$ 12,500.00
5	1	LS	237110	9-3.4.1	Mobilization		\$ 6,500.00
6	1	AL	237110	9-3.5	Field Orders - Type II Allowance		\$62,000.00
7	45	CY	237310	300-1.4	Additional Pavement Removal & Disposal	\$ 50.00	\$ 2,250.00
8	5050	LF	237310	302-1.12	Cold Mill AC Pavement (> 1 1/2 - 3")	\$ 1.50	\$ 7,575.00
9	5501	SF	237310	302-3.2	Asphalt Pavement Repair	\$ 6.00	\$ 33,006.00
10	1500	SF	237310	302-5.2.1	Pavement Restoration Adjacent to Trench	\$ 6.00	\$ 9,000.00
11	8	EA	237310	301-1.7	Adjusting Existing Gate Valve Cover to Grade	\$ 285.00	\$ 2,280.00
12	360	SF	237310	303-5.9	Cross Gutter	\$ 8.00	\$ 2,880.00
13	225	LF	237310	303-5.9	Additional Curb and Gutter Removal and Replacement	\$ 23.00	\$ 5,175.00
14	550	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$ 5.00	\$ 2,750.00
15	10	EA	237310	303-5.10.2	Curb Ramp Type A with Detectable Warning Tiles	\$ 1,900.00	\$ 19,000.00
16	5	EA	237310	303-5.10.2	Curb Ramp Type C1 with Detectable Warning Tiles	\$ 1,900.00	\$ 9,500.00
17	2	EA	237310	303-5.10.2	Curb Ramp Type C2 with Detectable Warning Tiles	\$ 1,900.00	\$ 3,800.00
18	1	LS	237110	306-1.1.6	Trench Shoring		\$ 200.00
19	56	CY	237110	306-1.2.1.1	Additional Bedding	\$ 15.00	\$ 840.00
20	370	TON	237110	306-1.6	Imported Backfill	\$ 40.00	\$ 14,800.00
21	848	LF	237110	306-1.6	8-Inch Water Main	\$ 55.00	\$ 46,640.00
22	533	LF	237110	306-1.6	8-Inch Water Main, Class 305	\$ 60.00	\$ 31,980.00
23	1387	LF	237110	306-1.6	16-Inch Water Main	\$ 100.00	\$ 138,700.00
24	7	CY	237110	306-1.6	Water Main Thrust Blocks and Anchor Blocks	\$ 250.00	\$ 1,750.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
25	4	EA	237110	306-1.6	6-Inch Fire Hydrant Assembly & Marker	\$ 4,900.00	\$ 19,600.00
26	8	EA	237110	306-1.6	16-Inch Butterfly Valve Class 250B W Resilient Seat	\$ 3,950.00	\$ 31,600.00
27	15	EA	237110	306-1.6	8-Inch Gate Valve	\$ 1,375.00	\$ 20,625.00
28	50	LF	237110	306-5.3	Removal or Abandonment of Existing Water Facilities	\$ 15.00	\$ 750.00
29	2	EA	237110	306-13	Abandon Water Services (Stiff)	\$ 400.00	\$ 800.00
30	30	EA	237110	306-14.1	1-Inch Copper Water Service	\$ 1,350.00	\$ 40,500.00
31	2	EA	237110	306-18	4-Inch Blowoff Valve Assembly	\$ 3,780.00	\$ 7,560.00
32	1	EA	237110	306-19	2-Inch Air & Vacuum Valve, Class 235	\$ 3,950.00	\$ 3,950.00
33	2	EA	541370	309-4	Survey Monuments	\$ 450.00	\$ 900.00
34	1	LS	541330	701-13.9.5	Water Pollution Control Program Development		\$ 550.00
35	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation		\$ 1,200.00
36	625	LF	237110	708-6	Handling and Disposal of Non-friable Asbestos Material	\$ 6.00	\$ 3,750.00
37	1	EA	237310	301-1.7	Adjusting Existing Manhole Frame & Cover to Grade	\$ 500.00	\$ 500.00
38	1365	TON	237310	302-5.9	1-1/2 Inch Asphalt Concrete Overlay and Striping	\$ 90.00	\$ 122,850.00
39	12550	SY	237310	302-7.4	Pavement Fabric	\$ 2.50	\$ 31,375.00
40	5	EA	237310	303-5.9	Contractor Date Stamp and Impressions	\$ 200.00	\$ 1,000.00
41	325	TON	237310	306-1.5.1	Temporary Resurfacing	\$ 90.00	\$ 29,250.00
42	214	LF	237110	306-1.6	8-Inch Sewer Main, Special Strength SDR-26	\$ 90.00	\$ 19,260.00
43	8	EA	237110	306-1.7.1	4-Inch Sewer Lateral & Cleanout (Street)	\$ 1,600.00	\$ 12,800.00
44	2	EA	237110	306-1.8.6	Manholes (4' x 3')	\$ 2,200.00	\$ 4,400.00
45	995	LF	237110	306-9.7	Video Inspecting Pipelines and Culverts for Acceptance	\$ 1.00	\$ 995.00
46	995	LF	237110	306-9.7	Cleaning and Video Inspecting Pipelines and Culverts	\$ 2.00	\$ 1,990.00
47	780	LF	237110	500-1.1.9	Rehabilitate 8-Inch Sewer Main	\$ 33.00	\$ 25,740.00
48	1	EA	237110	500-1.2.7	Point Repair for Existing 8-Inch Sewer Main	\$ 1,500.00	\$ 1,500.00
49	21	EA	237110	500-1.6.2.6	Service Lateral Connection	\$ 1,000.00	\$ 21,000.00
50	3	EA	237110	500-2.11.6	Rehabilitate Existing Manhole	\$ 2,500.00	\$ 7,500.00
51	1	LS	237110	704-4	Sewage Bypass and Pumping Plan (Diversion Plan)		\$ 1,500.00
ESTIMATED TOTAL BASE BID							\$ 834,871.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
ALTERNATE "A"							
1	1	LS	237110	600-1.2.2.10	High-lining by the Contractor		\$ 10,000.00
ESTIMATED SUBTOTAL FOR ALTERNATE "A"							\$ 10,000.00
ALTERNATE "B"							
1	2	EA	237110	600-1.3.2.10	8-Inch through 12-Inch Connections to the Existing System by Contractor	\$ 3,500.00	\$ 7,000.00
2	4	EA	237110	600-1.3.2.10	16-Inch Connections to the Existing System by Contractor	\$ 5,000.00	\$ 20,000.00
3	7	EA	237110	600-1.4.9	Cut and Plug Existing System by Contractor	\$ 2,500.00	\$ 17,500.00
ESTIMATED SUBTOTAL FOR ALTERNATE "B"							\$ 44,500.00
ESTIMATED TOTAL BASE BID PLUS ALTERNATE "A" AND ALTERNATE "B"							\$ 889,371.00

TOTAL BID PRICE FOR BID (Items 1 through 51), PLUS Alternate "A" (Item 1) and Alternate "B", (Items 1 through 3, inclusive) amount written in words:

EIGHT HUNDRED EIGHTY NINE THOUSAND, THREE HUNDRED SEVENTY ONE DOLLARS & ZERO CENTS*****

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: A,B,C

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

MARCELINO E. ORTIZ PRESIDENT

AIDA BANGHART-VICE PRESIDENT

TERESA O. ORTIZ -SECRETARY

BIDDING DOCUMENTS

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

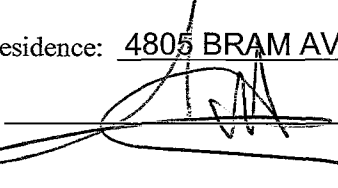
Bidder: AIDA BANGHART for ORTIZ CORPORATION

Title: VICE PRESIDENT

Business Address: 2000 MC KINLEY AVENUE, NATIONAL CITY, CA 91950

Place of Business: 2000 MC KINLEY AVENUE, NATIONAL CITY, CA 91950

Place of Residence: 4805 BRAM AVENUE, BONITA, CA 91902

Signature: 

NOTES:

- A. The City shall determine the low Bid based on the Base Bid plus Alternates: A & B.
- B. After the low Bid has been determined, the City may award the Contract for the Base Bid alone or if applicable, for the Base Bid plus any combination of alternates selected in the City's sole discretion.
- C. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- D. Failure to initial all corrections made in the bidding documents shall cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- E. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- F. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- G. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- H. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- I. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or 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 list below the portion of the work which will be done 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 shall 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 that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>TERRA WEST, INC.</u> Address: <u>1061 TIERRA DEL REY, STE 204</u> City: <u>CHULA VISTA</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-591-1007</u>	CONSTRUCTOR SERVICE	WATER POLLUTION CONTROL PROG DEV	\$500.00	SLBE	CITY OF SAN DIEGO	N/A
Name: <u>VIDEO FACT DOCUMENTATION</u> Address: <u>4150 MERRITT BLVD</u> City: <u>LA MESA</u> State: <u>CA</u> Zip: <u>91941</u> Phone: <u>619-589-0080</u>	CONSTRUCTOR SERVICE	PRECON VIDEO	\$450.00	ELBE	CITY OF SAN DIEGO	N/A
Name: <u>COASTAL PIEPLINE SERVICES</u> Address: <u>P.O. BOX 235653</u> City: <u>ENCINITAS</u> State: <u>CA</u> Zip: <u>92023</u> Phone: <u>760-828-5174</u>	CONSTRUCTOR SERVICE	TELEVISIONING	\$700.00	ELBE	CITY OF SAN DIEGO	N/A

- ① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE): \$263,618
.3157
CA
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- ② As appropriate, Bidder shall indicate if Subcontractor is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or 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 list below the portion of the work which will be done 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 shall 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 that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: LSI ROAD MARKING Address: P.O. BOX 2426 City: EL CAJON State: CA Zip: 92021 Phone: 619-443-7755	CONSTRUCTOR	STRIPING	\$1,500.00	SLBE	CITY OF SAN DIEGO	N/A
Name: SOUTHWEST PIPELINE Address: 22118 SOUTH VERMONT AVE City: TORRANCE State: CA Zip: 90502 Phone: 310-329-8717	CONSTRUCTOR	SEWER REHAB/LATERAL CONNECTION	\$42,480.00	OBE	N/A	N/A
Name: PAL GENERAL ENGINEERING Address: 5374 EASTGATE MALL City: SAN DEIGO State: CA Zip: 92121 Phone: 858-638-7100	CONSTRUCTOR	ASPHALT/ CURB RAMP	\$184,407.00	ELBE	CITY OF SAN DIEGO	N/A

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or 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 list below the portion of the work which will be done 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 shall 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 that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>CONTINENTAL WESTERN TRANS.</u> Address: <u>P.O. BOX 26636</u> City: <u>SAN DIEGO</u> State: <u>CA</u> Zip: <u>92196</u> Phone: <u>858-268-1151</u>	CONSTRUCTOR	PAVEMENT FABRIC	\$26,606.00	OBE	N/A	N/A
Name: <u>R&C STRUCTURES, INC.</u> Address: <u>1615 LA MIRADA DR.</u> City: <u>SAN MARCOS</u> State: <u>CA</u> Zip: <u>92069</u> Phone: <u>760-744-0478</u>	CONSTRUCTOR	MANHOLE REHABILITATION	\$6,975.00	OBE	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: LIST OF SUBCONTRACTORS

Form Number: AA35

Water and Sewer Group 956

(Rev. July 2011)

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

The Bidder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall list the Supplier(s) on the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for such materials and supplies unless vendor manufactures or substantially alters materials and supplies in which case 100% will be credited. The Bidder is to indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

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

① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

(Rev. July 2011)

Form Number: AA40

Water and Sewer Group 956

BIDDING DOCUMENTS

SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATE

Bidder shall list all Subcontractors described in the Bidder's *Base Bid* whose percentage of work will increase or decrease if alternates are selected for award. Bidder shall also list additional Subcontractors not described in the Bidder's *Base Bid* who, as a result of the alternates, will perform work or labor, or render services, or specially fabricate and install a portion [type] of work or improvements in an amount in excess of 0.5%.. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

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

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Bidder will not receive any subcontracting participations percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATES

(Rev. July 2012)

Form Number: AA45

Water and Sewer Group 956

WATER & SEWER GROUP JOB 956

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT THE REGIONAL NOTIFICATION CENTER (UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
- THE CONTRACTOR SHALL NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (1.e., 69 KV & HIGHER)
- THE CONTRACTOR SHALL 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 CHOLLAS. THE CONTRACTOR SHALL LOCATE THE IMPROVEMENTS THAT WILL BE AFFECTED BY LATERAL REPLACEMENTS.
- THE CONTRACTOR SHALL EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
- THE CITY FORCES, WHERE CALLED OUT WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.
- EXISTING MAINS SHALL BE KEPT IN SERVICE IN LIEU OF HIGH-LINING, UNLESS OTHERWISE SHOWN ON PLANS.
- THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- KEEP STORM DRAIN INLETS FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 5-1.
- EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.

STORM WATER PROTECTION

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

ABBREVIATIONS

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

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	⊗ TS
EX STREET LIGHT	✦ SL
GAS MAIN	-----
ELEC. COND., TEL. COND., CATV	---E---T---C---
RAILROAD, TROLLEY TRACKS	

LIMITS OF WORK

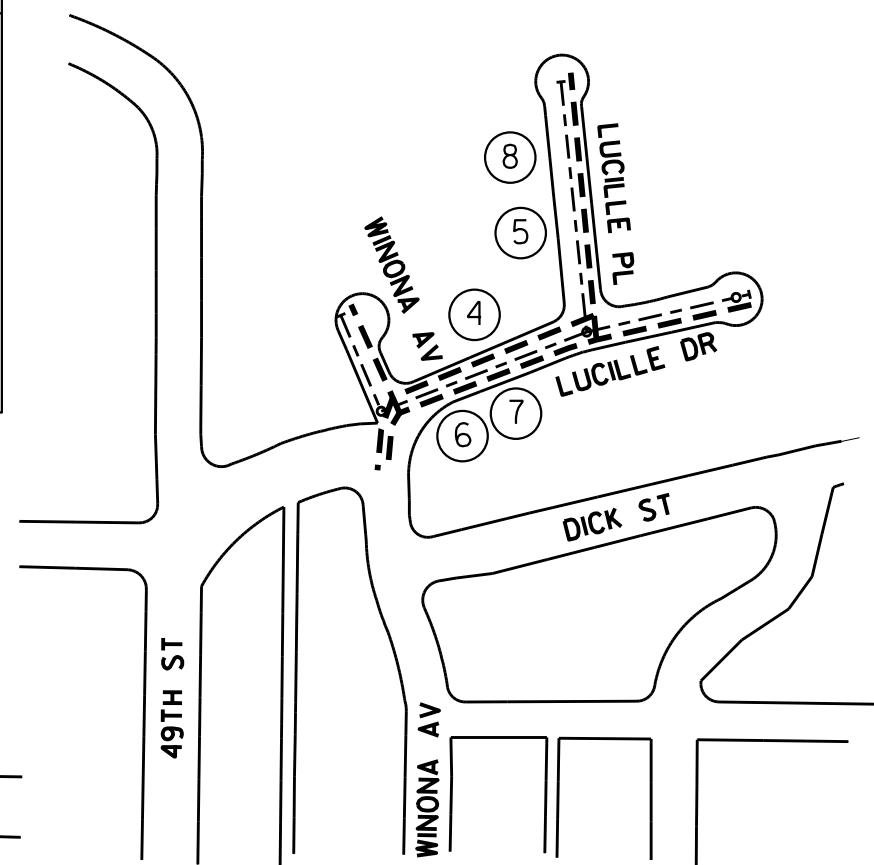
SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE		LENGTH (FT)
				SIZE (IN)	MATERIAL	
1	G-1	COVER SHEET	WATER DWIGHT ST TO MYRTLE AVE MYRTLE AVE TO THORN ST WINONA AVE TO LUCILLE PLACE (LOOP) LUCILLE DR TO CUL-DE-SAC (NW OF WINONA AVE) LUCILLE DR TO CUL-DE-SAC (NE OF LUCILLE PL) WINONA AVE TO CUL-DE-SAC (EAST OF LUCILLE DR)	16 16 8 8 8 8	WATER WATER WATER WATER WATER WATER	832.85 554.46 345.83 152.03 350.60 532.76
7	C-6	LUCILLE DRIVE	WINONA AVE TO LUCILLE PLACE	8	REHAB	292.28
7	C-6	LUCILLE DRIVE	WINONA AVE TO CUL-DE-SAC (EAST OF LUCILLE DR)	8	SEWER	214.13
7	C-6	WINONA AVE	LUCILLE DR TO CUL-DE-SAC (NW OF WINONA AVE)	8	REHAB	136.75
8	C-7	LUCILLE PLACE	LUCILLE DR TO CUL-DE-SAC (NE OF LUCILLE PL)	8	REHAB	350.60
9	C-8		STREET RESURFACING	TOTAL SEWER		993.76
10	C-9		CURB RAMP LOCATION	TOTAL WATER		2,768.53
11	C-10		CITY FORCES			
12	C-11		HORIZONTAL ALIGNMENT COORDINATE INDEX REPORT			

DISCIPLINE CODE

- G GENERAL
C CIVIL
T TRAFFIC CONTROL

CONTRACTOR'S NOTE:

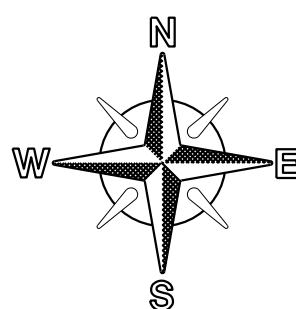
- IF ADDITIVE ALTERNATE 'A' IS AWARDED, CONTRACTOR SHALL FURNISH MATERIALS, INSTALL, MAINTAIN AND DISMANTLE HI-LINE (EXCLUDING FINAL CONNECTIONS TO SERVICES AND FIRE HYDRANTS) PER SPECIFICATION SECTION 600-I.2.
- IF ADDITIVE ALTERNATE 'B' IS AWARDED, CONTRACTOR SHALL PERFORM ALL CONNECTIONS TO EXISTING WATER SYSTEM PER SPECIFICATION SECTION 600-I.4 AND ALL CUT AND PLUG WORK PER SPECIFICATION SECTION 600-I.4.4. VALVES ON CITY'S WATER SYSTEM SHALL BE OPERATED BY CITY FORCES ONLY.



VICINITY MAP
NOT TO SCALE

LEGEND

- PROPOSED WATER MAINS
----- PROPOSED SEWER MAINS
② SHEET NUMBER



KEY MAP
NO SCALE

WORK TO BE DONE

CONSTRUCTION CONSISTS OF THE INSTALLATION OF APPROXIMATELY 2,769 LINEAR FEET OF NEW 8-INCH AND 16-INCH WATER MAINS, INSTALLATION OF 214 LINEAR FEET OF NEW 8-INCH SEWER MAIN, AND REHABILITATION OF 780 LINEAR FEET OF EXISTING 8-INCH SEWER MAIN. INSTALLATION SHALL INCLUDE WATER SERVICES, VALVES, FIRE HYDRANTS, SEWER LATERALS, AND MANHOLES. IN ADDITION, INSTALLING CURB RAMPS AND STREET RESURFACING, TRAFFIC CONTROL PLANS, AND ALL OTHER WORK AND APPURTENANCES IN ACCORDANCE WITH THESE SPECIFICATIONS AND DRAWINGS NUMBERED 36602-01-D THROUGH 36602-12-D.

IMPROVEMENTS

- TRENCH RESURFACING
- SEWER MAIN
- SEWER MANHOLE/PVC LINED
- REHAB. EX. SEWER MANHOLE
- SEWER MAIN REHAB.
- 4" SEWER LATERAL WITH C.O. UNLESS OTHERWISE SPECIFIED

LEGEND

STANDARD DRAWINGS

SYMBOL

- CONCRETE PROTECTION FOR EXIST SEWER PIPE SDS-116
- CONCRETE ENCASEMENT SDS-112
- ABANDON EX MANHOLE SM-08
- CUTTING AND PLUGGING ABANDONED WATER MAIN WP-03
- SLURRY FILL ABANDONED SEWER MAIN SEE PLANS & SPECS
- SURVEY MONUMENT M-10
- WATER MAIN & APPURTENANCES SDW-100, WP-01, WT-01, FOR PIPE BEDDING & TRENCH BACKFILL DETAIL, SDW-110
- VALVES WITH CAPS AND WELLS SDW-100, SDW-109, SDW-154, WV-02 TYPE B, WV-03, WV-04, WV-5
- FIRE SERVICE CONNECTION & ASSEMBLY SDW-109, SDW-118, WV-02 TYPE B
- 6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT SDW-100, SDW-109, M-19, WF-04, WP-01, WV-02 TYPE B, 6" FIRE HYDRANT SEE DETAIL SDW-104
- 1" WATER SERVICE UNLESS OTHERWISE SPECIFIED SDW-100, SDW-134, SDW-135 SDW-136, SDW-137, SDW-138, WP-01, WS-01, WS-02, WS-03, NARROW TRENCH FOR 1" & 2" WATER SERVICES, SEE DETAIL, SDW-107
- BLOW-OFF ASSEMBLY SDW-100, SDW-106, WB-01, WB-02, WB-03, WB-04, WB-05,
- AIR & VACUUM VALVE SDW-100, SDW-117, WA-01, WA-02, WA-04, WA-06
- CONCRETE CROSS GUTTER SDG-157

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

FIELD DATA 1

BENCHMARK: ELEV. 309.09
NWB 40TH ST/REDWOOD
FIELD NOTES: DAVIS, W0: B10190, 208-1734, 05-23-2011
DATUM: MEAN SEA LEVEL
STREETS REQUIRING 12" TRENCH CAP: NONE

FIELD DATA 2

BENCHMARK: ELEV. 398.826
NWB WINONA PL. & LUCILLE DR.
FIELD NOTES: DAVIS, W0: B10190, 218-1740, 05-24-2011
DATUM: MEAN SEA LEVEL
STREETS REQUIRING 12" TRENCH CAP: NONE

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH ---- MEDIUM -X- LOW----		SPEC. NO. K 135769	
AS-BUILT INFORMATION			
MATERIALS	MANUFACTURER		
PIPE CL 235 (WATER)	-		
PIPE CL 305 (WATER)	-		
PIPE SDR 35 (SEWER)	-		
GATE VALVES	-		
FIRE HYDRANTS	-		
SEWER MANHOLES	-		
REHABILITATE SEWER MANHOLES	-		
REHABILITATE SEWER MAIN	-		



CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 01 OF 12 SHEETS				WATER WBS B-11153 SEWER WBS B-11151
FOR CITY ENGINEER DATE 11/05/12				JERICO GALLARDO PROJECT MANAGER
DESCRIPTION ORIGINAL	BY YB/AV	APPROVED	DATE	FILMED
				YOUSIF BENYAMIN PROJECT ENGINEER
				SEE SHEETS CCS87 COORDINATE
				SEE SHEETS CCS83 COORDINATE
CONTRACTOR _____ DATE STARTED _____ INSPECTOR _____ DATE COMPLETED _____				36602-01-D

CITY OF SAN DIEGO
PUBLIC WORKS PROJECT



COVER SHEET

G-1

REFERENCE:
WATER: 22702-02-D, 22702-06-D, 3720-03-W, 3720-04-W
SEWER: 20484-09-D
STORM DRAIN: I3088-I-D
GAS: SDG&E 8-138
ELECTRIC: 208-I
CABLE TV: NONE
TELEPHONE: NONE
IMPROVEMENTS: NONE
100' SCALE/FIELD BOOK: I-19-S, I-20-S
THOMAS BROS.: I269 6G
HGL: 536

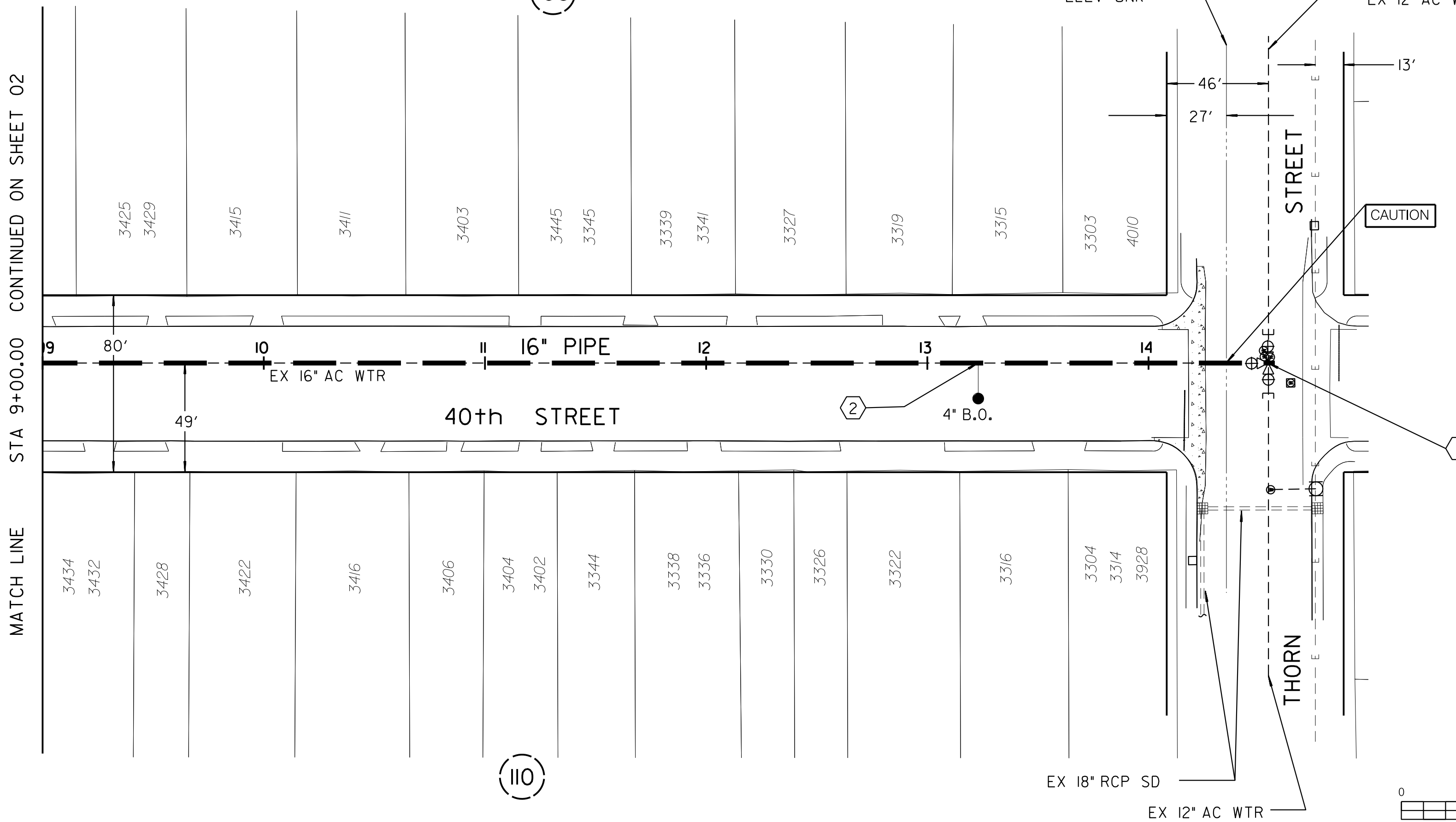
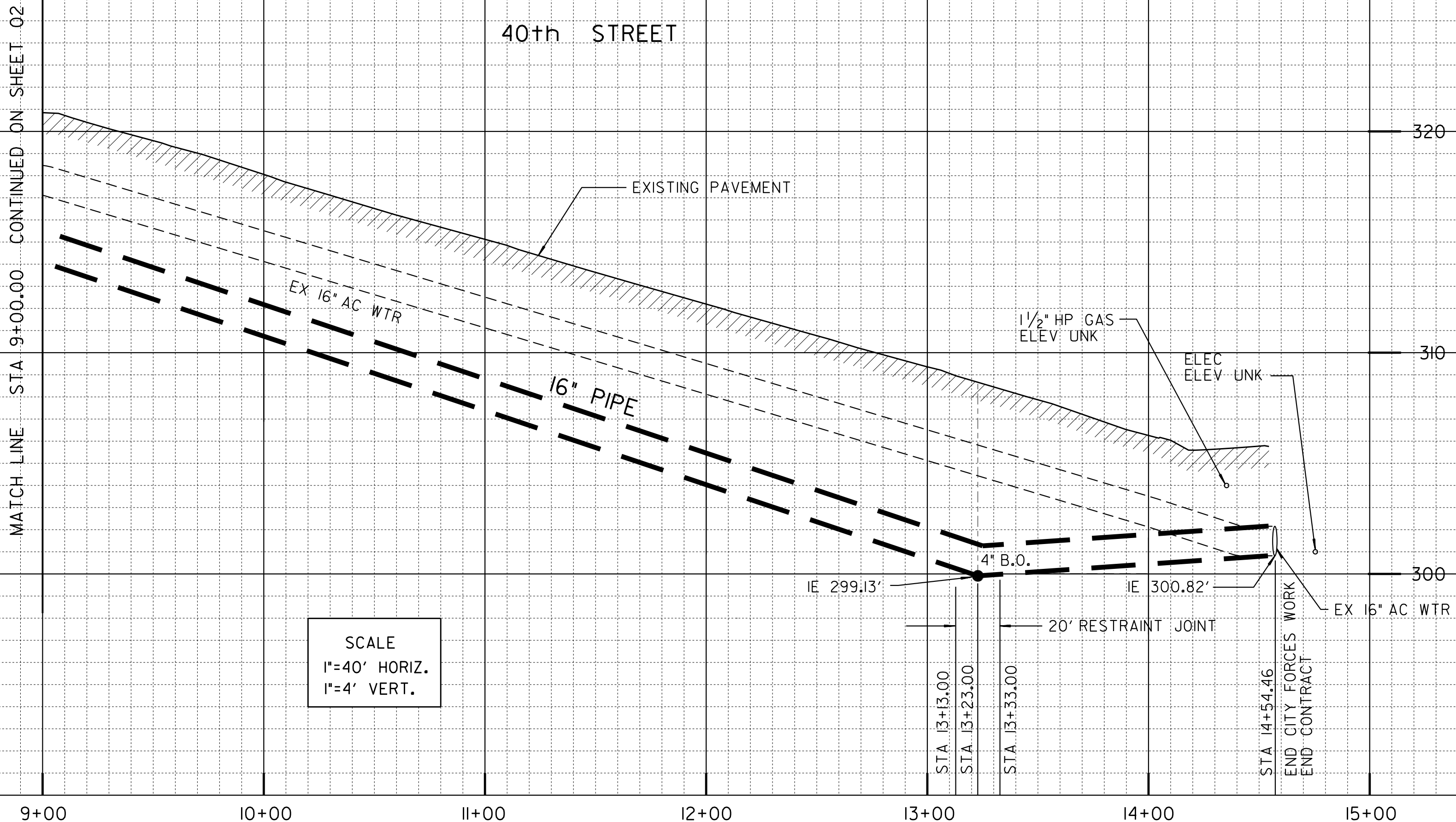
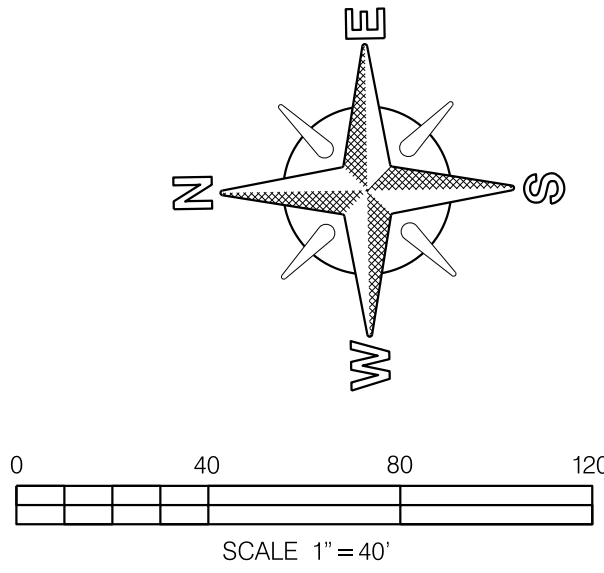
RETIREMENTS:
554' - 16" CI - 1961

WATER & SEWER GROUP JOB 956
40TH STREET
MYRTLE AV TO THORN ST

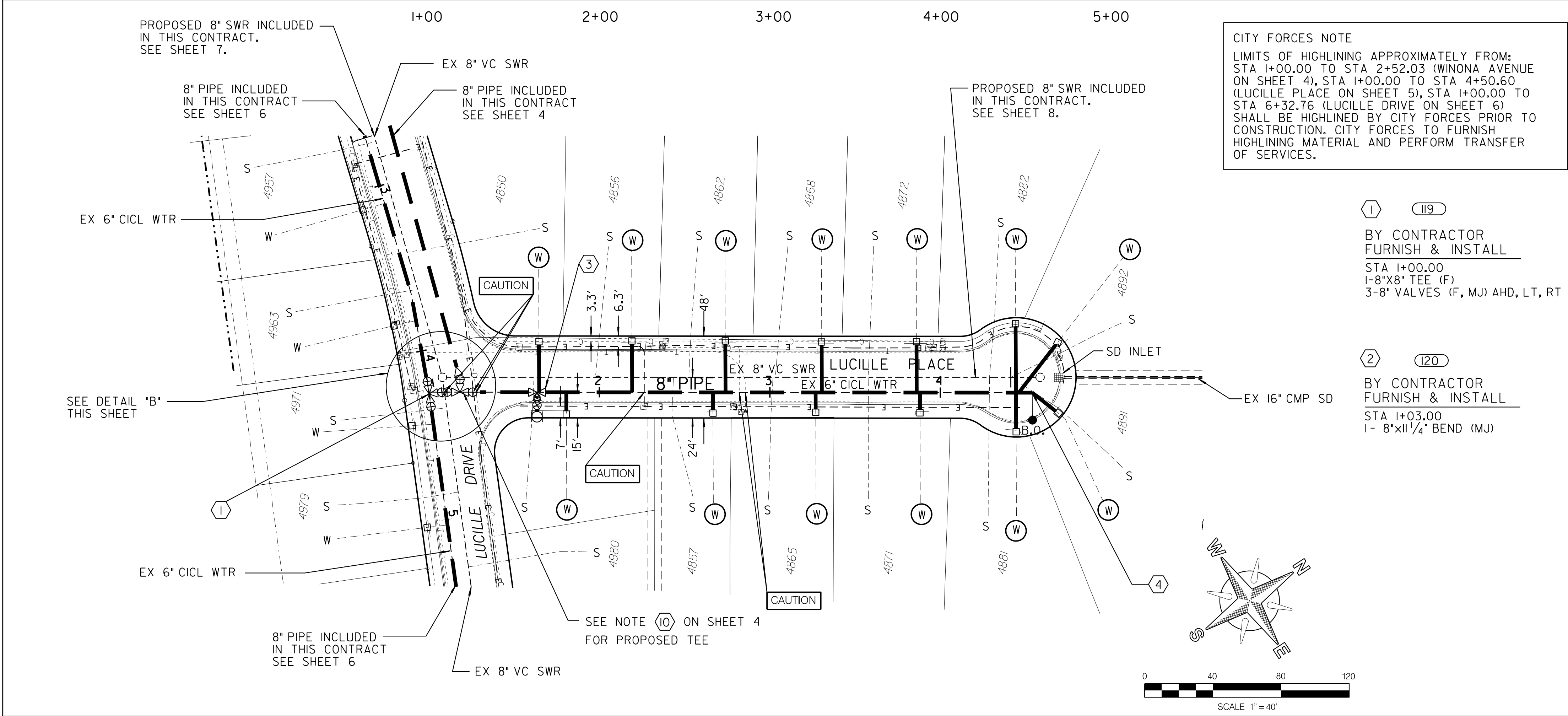
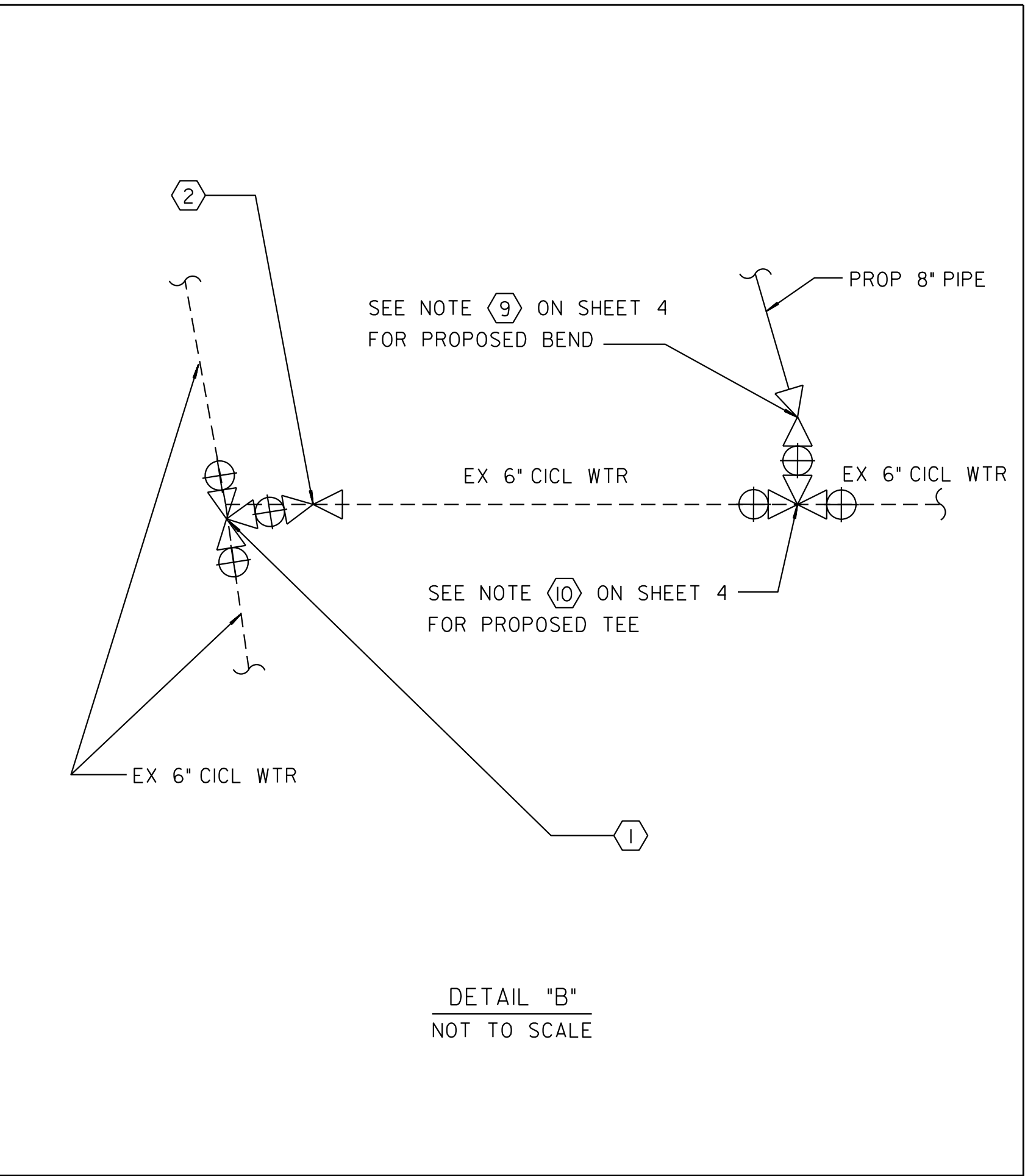
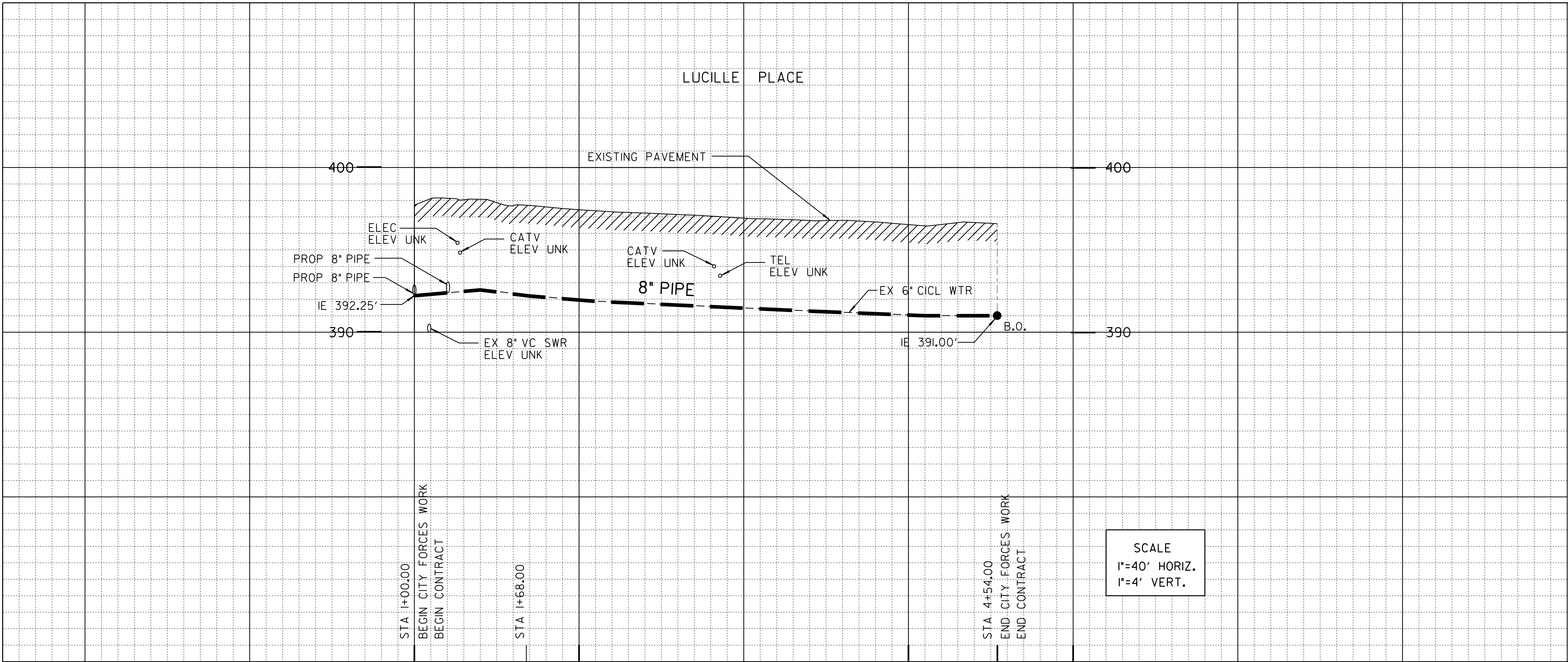
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 03 OF 12 SHEETS					WATER WBS B-III53
FOR CITY ENGINEER					SEWER WBS B-III51
11/05/12 DATE					CHECKED BY YOUSIF BENYAMIN PROJECT ENGINEER
DESCRIPTION					210-1731, 206-1731 CCS27 COORDINATE
ORIGINAL					CCS83 COORDINATE
BY YB/AV					36602-03-D
APPROVED					
DATE					
FILMED					
CONTRACTOR					
INSPECTOR					
DATE STARTED					
DATE COMPLETED					

CITY FORCES NOTE:
LIMITS OF HIGHLINING
APPROXIMATELY FROM
STA I+00.00 TO STA I4+54.46
(40TH STREET ON SHEETS 2-3)
SHALL BE HIGHLINED BY CITY
FORCES PRIOR TO
CONSTRUCTION. CITY FORCES
TO FURNISH HIGHLINING
MATERIAL AND PERFORM
TRANSFER OF SERVICES.

- ① ⑩07
BY CITY FORCES
AHD OF CONTRACTOR
STA I4+54.46
CUT & PLUG:
EX I2" AC WTR, 20' ± LT, RT
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED
- ② ⑩06
BY CONTRACTOR
FURNISH & INSTALL
STA I3+23.00
I-4" BLOW OFF
ASSEMBLY
- ③ ⑩03
BY CONTRACTOR
FURNISH & INSTALL
STA I4+54.46
I- I6" X I2" TEE (F)
I- I6" BUTTERFLY VALVE
(F, MJ) BK
2 - I2" VALVES (F, MJ), LT, RT
20' - I2" PIPE, LT, RT



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



REFERENCE:
WATER: 5138-W, 7252-L
SEWER: 7252-L, 8252-L
STORM DRAIN: 7251-L
GAS: SDG&E 12-759
ELECTRIC: 208-1734, 210-1734, 218-1740, 218-1743
CABLE TV: COX 218-1737
TELEPHONE: AT&T: sd0904dd.dgn sd0904dc.dgn
IMPROVEMENTS: NONE
100' SCALE/FIELD BOOK: K-17-S
THOMAS BROS.: 1270 A3
HGL: 536

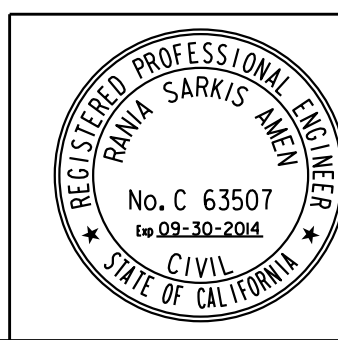
RETIREMENTS:
35' - 6" CCL - 1963
1' WATER SERVICE - 13 - UNK MAT'L - 1963
FH (1-PORT) - 1


BY CONTRACTOR FURNISH & INSTALL
STA 1+00.00
1- 8"x8" TEE (F)
3- 8" VALVES (F, MJ) AHD, LT, RT

BY CONTRACTOR FURNISH & INSTALL
STA 1+63.39
1- 8"x6" TEE (F, MJ)
1- 6" FH ASSEMBLY & MARKER

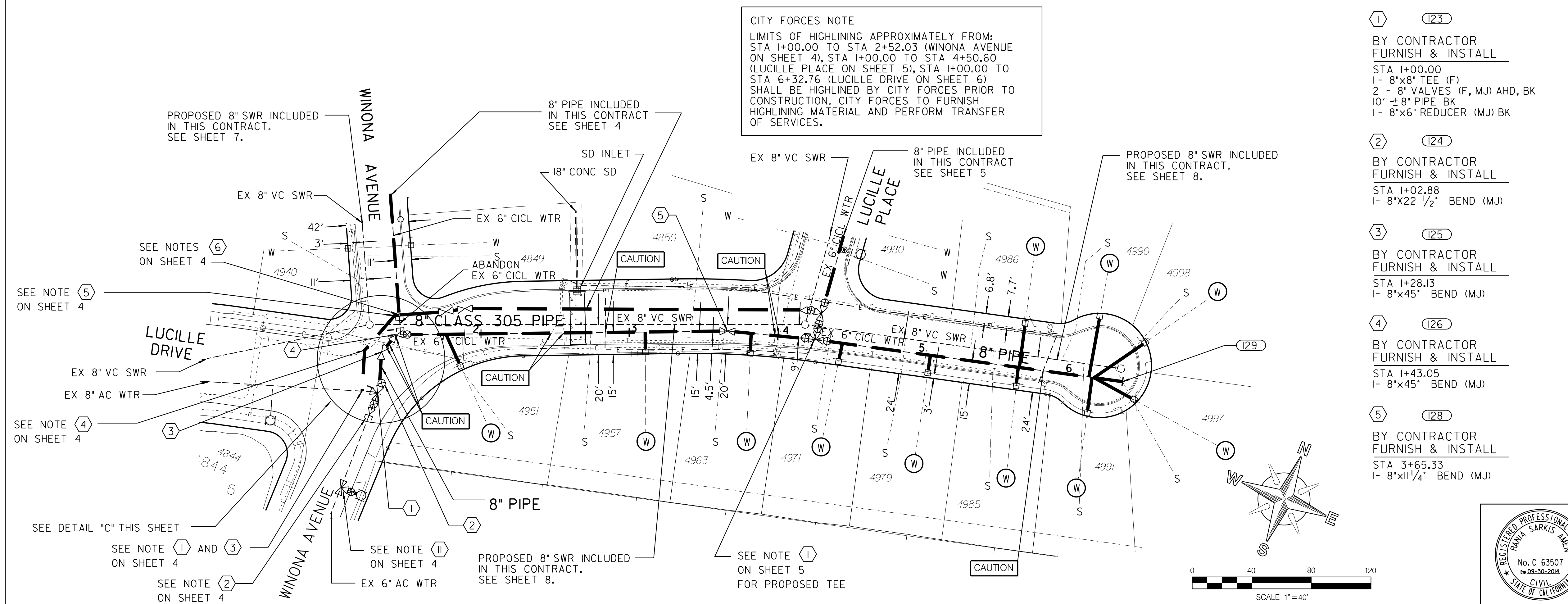
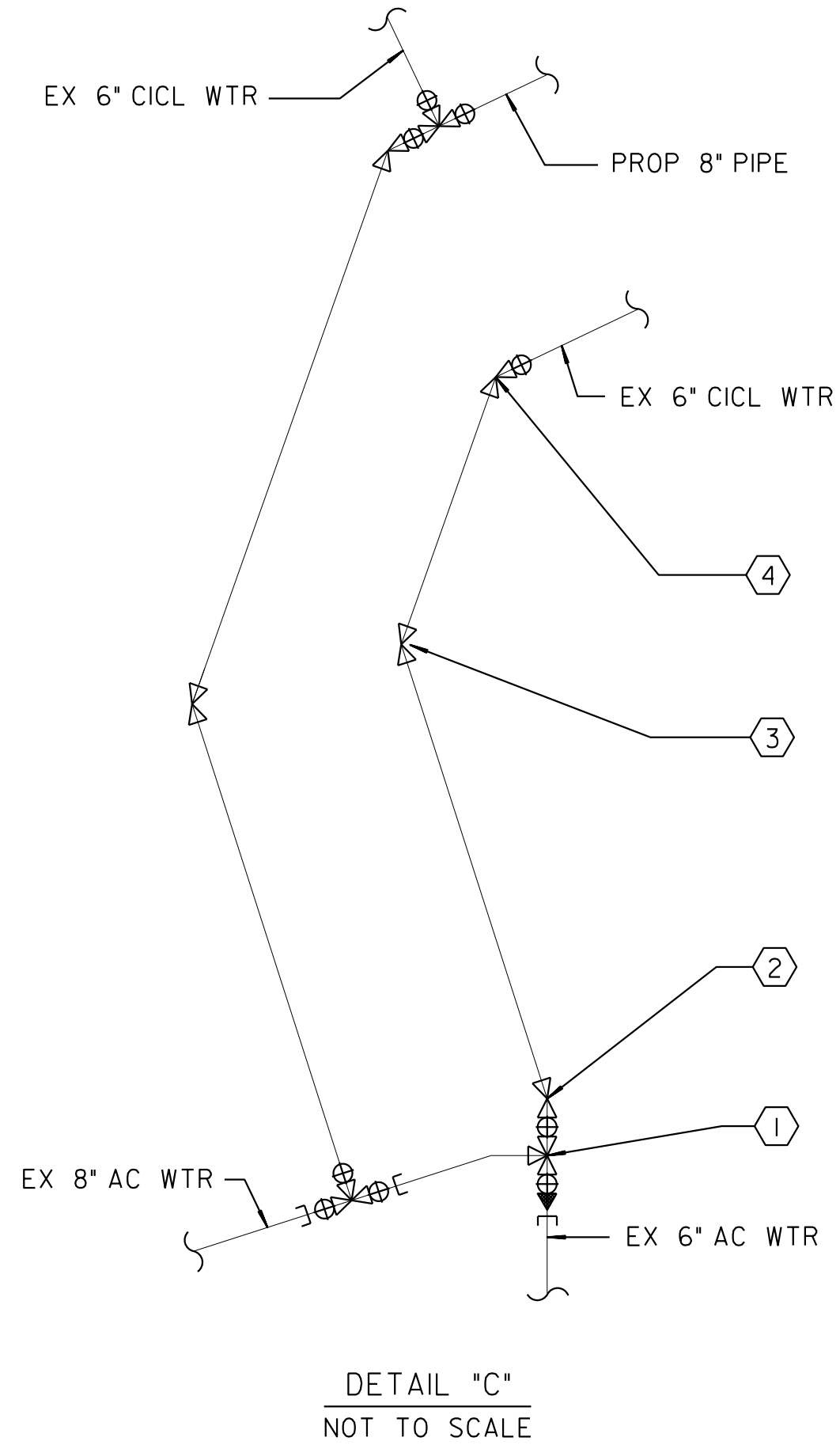
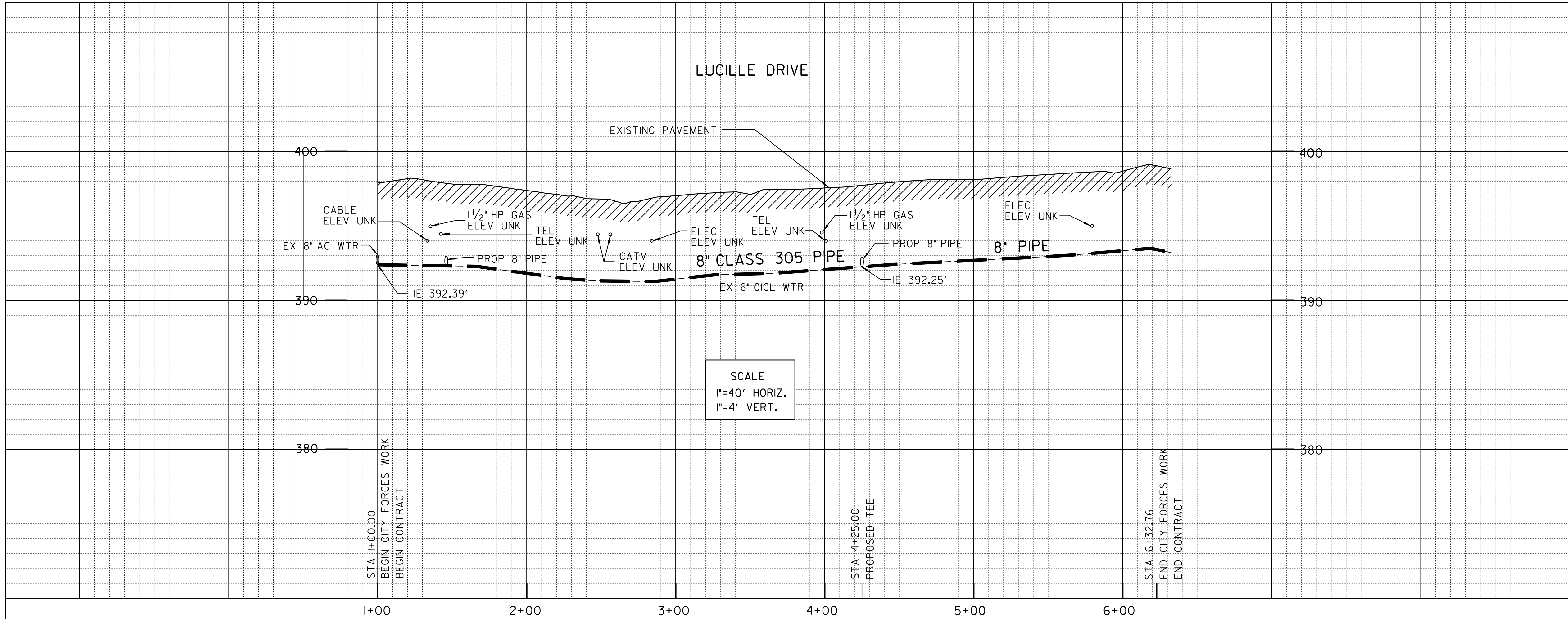
BY CONTRACTOR FURNISH & INSTALL
STA 1+03.00
1- 8"x11 1/4" BEND (MJ)

BY CONTRACTOR FURNISH & INSTALL
STA 4+54.00
1- 4" BLOW OFF ASSEMBLY



WATER & SEWER GROUP JOB 956				
LUCILLE PLACE				
FROM WINONA AVE TO CUL-DE-SAC (E OF LUCILLE DR)				
CITY OF SAN DIEGO, CALIFORNIA			WATER WBS	B-III53
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT			SEWER WBS	B-III51
SHEET 05 OF 12 SHEETS			DESIGNED BY:	
			JERICHO GALLARDO	
FOR CITY ENGINEER			ASSOCIATE ENGINEER	
11/05/12			DATE	
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	YB/AV			
CONTRACTOR			DATE STARTED	
INSPECTOR			DATE COMPLETED	
			36602-05-D	

LUCILLE PLACE

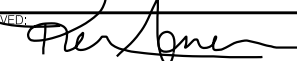


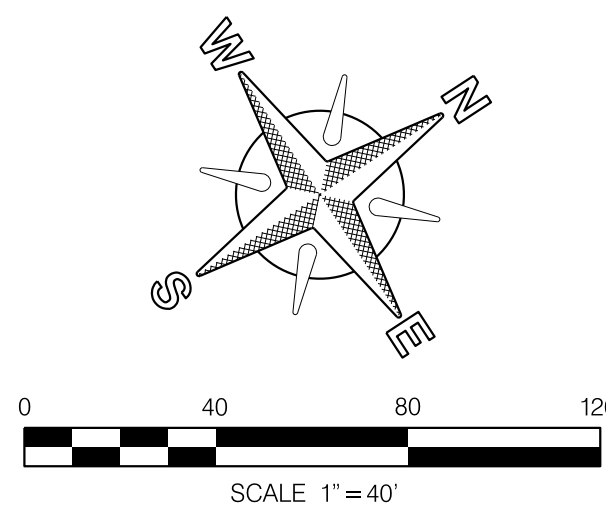
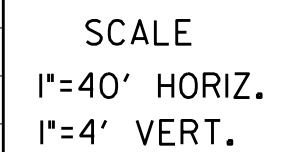
REFERENCE:
WATER: 5138-W, 7252-L
SEWER: 7252-L, 8252-L
STORM DRAIN: 7251-L
GAS: SDG&E 12-757, 12-759, 12-759A
ELECTRIC: 208-1734, 210-1734, 218-1740, 218-1743
CABLE TV: COX 218-1737
TELEPHONE: AT&T: sd0904dd.dgn sd0904dc.dgn
IMPROVEMENTS: NONE
100' SCALE/FIELD BOOK: K-17-S
THOMAS BROS.: 1270 A3
HGL: 536

RETIREMENTS:
685' - 6" CICL WTR - 1963
1" - WATER SERVICE - 16 - 1963

- 1 123
BY CONTRACTOR
FURNISH & INSTALL
STA 1+00.00
1- 8"x8" TEE (F)
2 - 8" VALVES (F, MJ) AHD, BK
10' ± 8" PIPE BK
1- 8"x6" REDUCER (MJ) BK
- 2 124
BY CONTRACTOR
FURNISH & INSTALL
STA 1+02.88
1- 8"x22 1/2" BEND (MJ)
- 3 125
BY CONTRACTOR
FURNISH & INSTALL
STA 1+28.13
1- 8"x45" BEND (MJ)
- 4 126
BY CONTRACTOR
FURNISH & INSTALL
STA 1+43.05
1- 8"x45" BEND (MJ)
- 5 128
BY CONTRACTOR
FURNISH & INSTALL
STA 3+65.33
1- 8"x11 1/4" BEND (MJ)

C-05

WATER & SEWER GROUP JOB 956				
LUCILLE DRIVE				
FROM WINONA AVE TO CUL-DE-SAC (E OF LUCILLE DR)				
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 06 OF 12 SHEETS			WATER WBS	B-III53
			SEWER WBS	B-III51
			DESIGNED BY	JERICHO GALLARDO
FOR CITY ENGINEER			DATE	ASSOCIATE ENGINEER
			11/05/12	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	YB/AV			
CONTRACTOR			DATE STARTED	
INSPECTOR			DATE COMPLETED	
			36602-06-D	




C-07


<h1 style="text-align: center;">WATER & SEWER GROUP JOB 956</h1> <h2 style="text-align: center;">LUCILLE PLACE</h2> <h3 style="text-align: center;">FROM LUCILLE DRIVE TO CUL-DE-SAC (N OF LUCILLE PL)</h3>																																																											
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 08 OF 12 SHEETS</p> <p style="text-align: center;"><i>[Signature]</i> FOR CITY ENGINEER</p> </div> <div style="width: 35%; text-align: center;"> <p>11/05/12</p> <p>DATE</p> </div> </div>																																																											
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">DESCRIPTION</th> <th style="width: 10%;">BY</th> <th style="width: 15%;">APPROVED</th> <th style="width: 15%;">DATE</th> <th style="width: 35%;">FILMED</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td>YB/AV</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> </tbody> </table> </div> <div style="width: 35%;"> <p>WATER <u>B-III53</u> WBS</p> <p>SEWER <u>B-III51</u> WBS</p> <p><small>DESIGNED BY:</small> GERICO GALLARDO <small>ASSOCIATE ENGINEER</small></p> <p><small>DRAWN BY:</small> YOUSIF BENYAMIN <small>PROJECT ENGINEER</small></p> <p>218-1737, 218-1743 CCS27 COORDINATE</p> <p style="text-align: center;">-</p> <p>CCS83 COORDINATE</p> </div> </div>					DESCRIPTION	BY	APPROVED	DATE	FILMED	ORIGINAL	YB/AV																																																
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ORIGINAL	YB/AV																																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>CONTRACTOR _____ DATE STARTED _____</p> <p>INSPECTOR _____ DATE COMPLETED _____</p> </div> <div style="width: 35%; text-align: center;"> <p style="font-size: 2em;">36602-08-D</p> </div> </div>																																																											

LUCILLE PLACE


LEGEND



APPROXIMATE LOCATION OF SLURRY SEAL



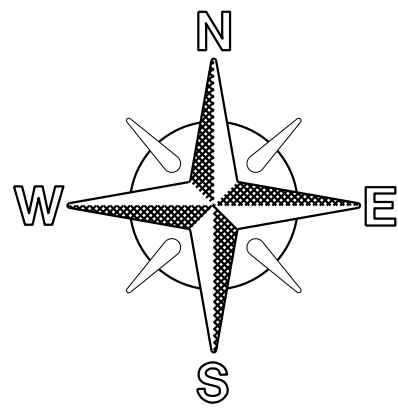
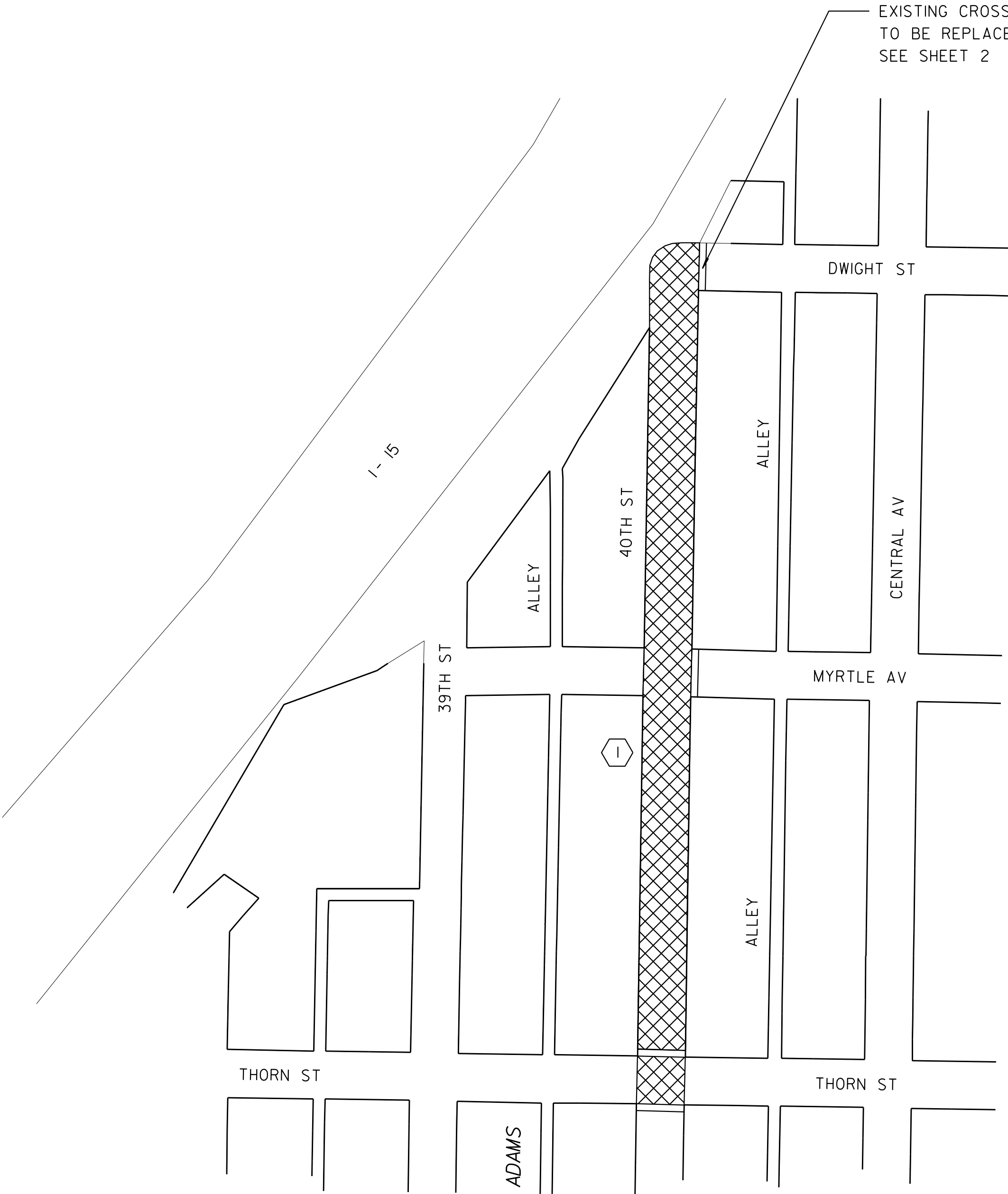
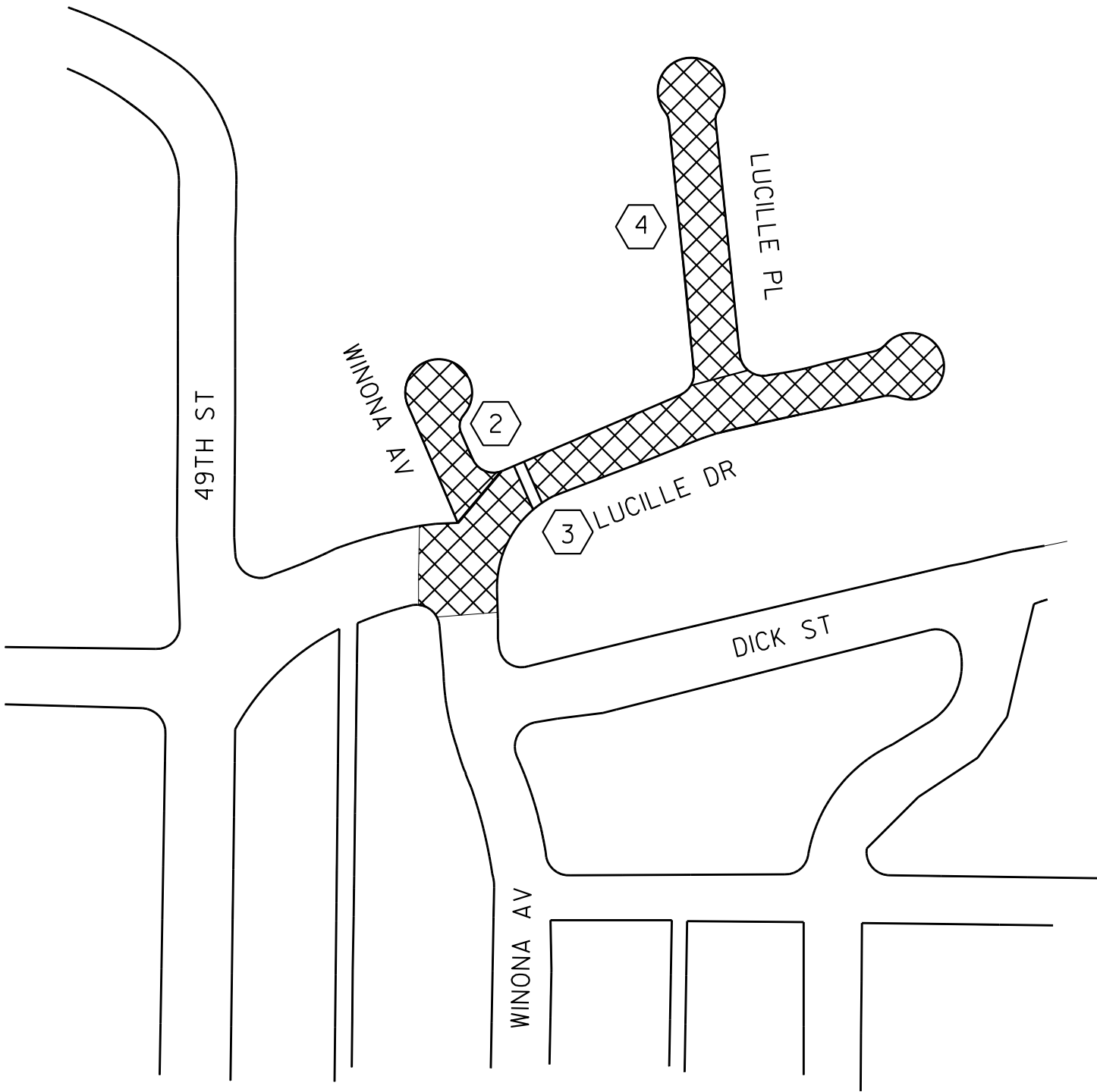
APPROX. LIMITS OF RESURFACE AC OVERLAY



LOCATION PER PAVING SCHEDULE NOTES (THIS SHEET)

COLD MILLING ASPHALT CONCRETE PAVEMENT; SDG-139

PAVING SCHEDULE NOTES						
NO.	LOCATION	RESTORATION REQUIRED	STATION	STATION	WIDTH	APPROX. AREA
1	40TH STREET	AC OVERLAY	0+50	14+80	52'	74,360 SF
2	WINONA AVENUE	AC OVERLAY	0+90	2+60	32'	5,440 SF
3	LUCILLE DRIVE	AC OVERLAY	0+50	6+40	38'	22,420 SF
4	LUCILLE PLACE	AC OVERLAY	1+25	4+60	32'	10,720 SF
TOTAL AREA OF SLURRY SEAL						0
TOTAL AREA OF RESURFACE AC						112,940 SF



NO SCALE

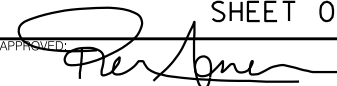


C-08

WATER & SEWER GROUP JOB 956

STREET RESURFACING

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 09 OF 12 SHEETS


FOR CITY ENGINEER

11/05/12
DATE

WATER WBS B-III53
SEWER WBS B-III51

DESIGNED BY
JERICHO GALLARDO
ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	YB/AV			

CHECKED BY
YOUSIF BENYAMIN
PROJECT ENGINEER

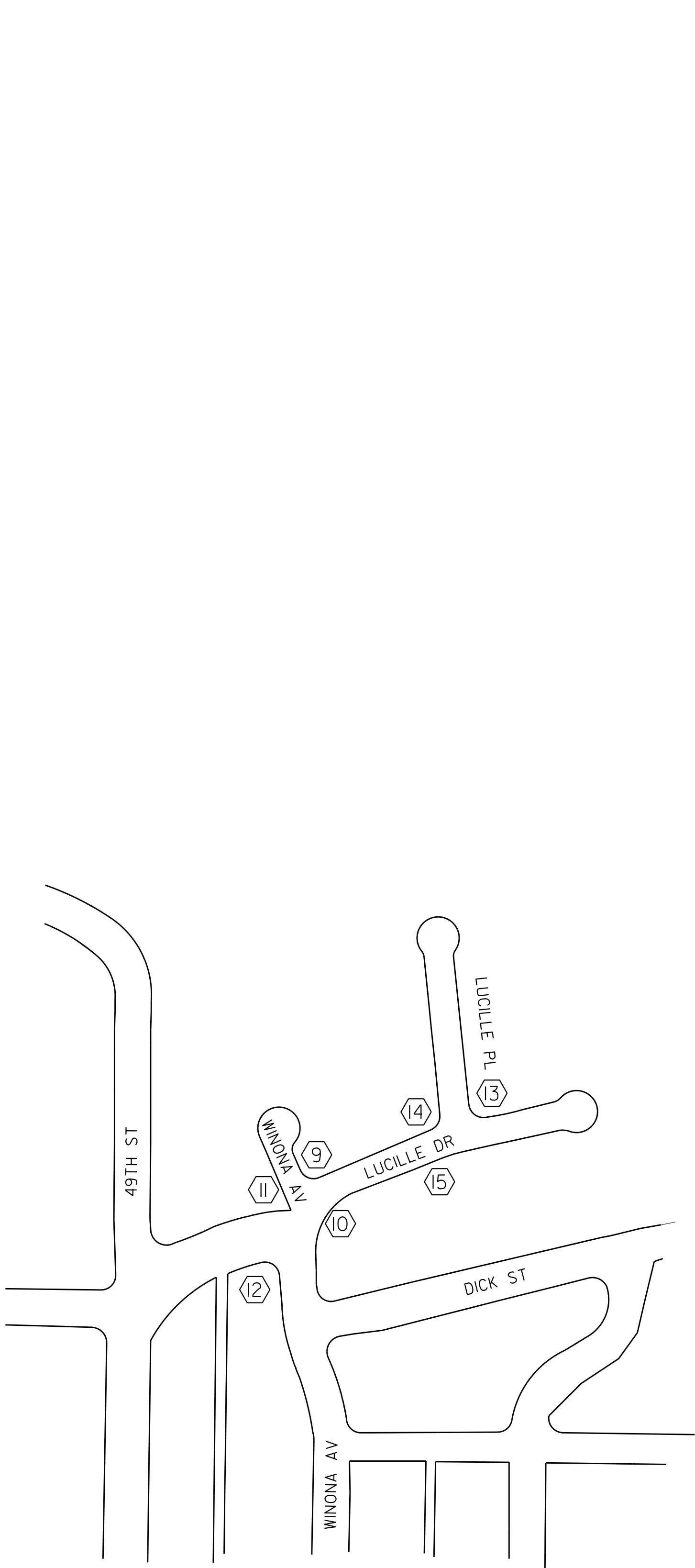
-
CCS27 COORDINATE

-
CCS83 COORDINATE

CONTRACTOR
INSPECTOR

DATE STARTED
DATE COMPLETED

36602-09-D



CURB RAMP NOTES TABLE									
LOCATION NO	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMPS	TRUNCATED DOME MATERIAL		CONSTRAINTS	COMMENTS / MODIFICATIONS	
					• STAINLESS STEEL	• OTHER			
1	A		X			X			
2	C2		X			X			
3	A		X			X			
4	C2		X			X			
5	A	X				X			
6	A		X			X			
7	A	X				X			
8	A	X				X			
9	CI	X				X			
10	CI	X				X			
11	A	X				X			
12	A	X				X			
13	CI	X				X			
14	CI	X				X		RAMP PRIVATE WALKWAY FLUSH WITH CURB RAMP LANDING. START SLOPE IMMEDIATELY AFTER COX BOX.	
15	CI	X				X			
16	A	X				X			
17	A		X			X			

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

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

C-09

LEGEND

8

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:

A & B

SDG-132

CI

SDG-134

C2

SDG-135

D

SDG-136

TRUNCATED DOMES

SDG-130

CURB RAMP DETAILS

SDG-137

EX STAMP/IMPRESSION PLACEMENT

SDG-115

ISLAND REFUGE/PASSAGEWAY DETAILS

SDG-138

REGISTERED PROFESSIONAL ENGINEER

RANA SARKIS

NO. C 63507

EXPIRATION DATE 09-30-2014

CIVIL

STATE OF CALIFORNIA

WATER & SEWER GROUP JOB 956

CURB RAMP LOCATION

CITY OF SAN DIEGO, CALIFORNIA

ENGINEERING AND CAPITAL PROJECTS DEPARTMENT

SHEET 10 OF 12 SHEETS

FOR CITY ENGINEER

DATE

11/05/12

DESIGNER

BY

APPROVED

DATE

FILMED

ORIGINAL

YB/AV

CONTRACTOR

DATE STARTED

INSPECTOR

DATE COMPLETED

WATER WBS

B-III53

SEWER WBS

B-III51

CHECKED BY

PROJECT ENGINEER

YOU'SIF BENYAMIN

CCS27 COORDINATE

CCS83 COORDINATE

36602-10-D

CURB RAMP LOCATION

WORK BY CITY FORCES

THURST BLOCK CALCULATION TABLE
CLASS DR-18

	PIPE DIAMETER	FITTING TYPE	FITTING SIZE	PIPE PRESSURE	AREA (T/P) FT^2	VOLUME (YD)
TEES, WYES, VALVES, AND DEAD END	16"	TEES	16" X 16"	235	55.88	4
	16"	TEES	16" X 12"	235	32.16	2
	16"	TEES	16" X 8"	235	15.12	1
	16"			235		
BENDS	16"	90 DEGREE BEND	90	235	79.03	5
	16"	90 DEGREE BEND	90	235	79.03	5
	16"			235		
	16"			235		
REDUCERS	16"			235		
	16"			235		
CROSSES	16"			235		
	16"			235		
	16"			235		

- DESIGN BASED ON SOIL BEARING PRESSURE OF 1,500 PSF AND PIPE PRESSURE OF 235 PSI
- REFER TO SDW-151. DIMENSION B IS EQUAL TO 22 INCHES.

CONTRACTOR'S NOTE:

1.

IF ADDITIVE ALTERNATE "A" IS AWARDED, CONTRACTOR SHALL FURNISH MATERIALS, INSTALL, MAINTAIN AND DISMANTLE HI-LINE (EXCLUDING FINAL CONNECTIONS TO SERVICES AND FIRE HYDRANTS) PER SPECIFICATION SECTION 600-L2.

2.

IF ADDITIVE ALTERNATE "B" IS AWARDED, CONTRACTOR SHALL PERFORM ALL CONNECTIONS TO EXISTING WATER SYSTEM PER SPECIFICATION SECTION 600-L4 AND ALL CUT AND PLUG WORK PER SPECIFICATION SECTION 600-L4.4. VALVES ON CITY'S WATER SYSTEM SHALL BE OPERATED BY CITY FORCES ONLY.

LEGEND

- EXISTING SEWER MAIN
- EXISTING WATER MAIN
-

PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN

- ☐

FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- ☒

FIRE HYDRANT TO BE REPLACED

- 3

24

6

CITY FORCES NOTE NUMBER (THIS SHEET)
- 3

24

6

CITY FORCES NOTE NUMBER (PLAN & PROFILE SHT.)
- PLAN & PROFILE "D" SHEET NUMBER

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

WORK BY CITY FORCES

- 1

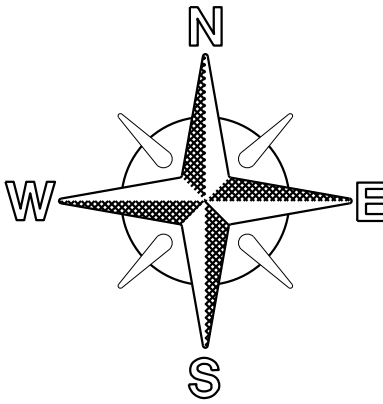
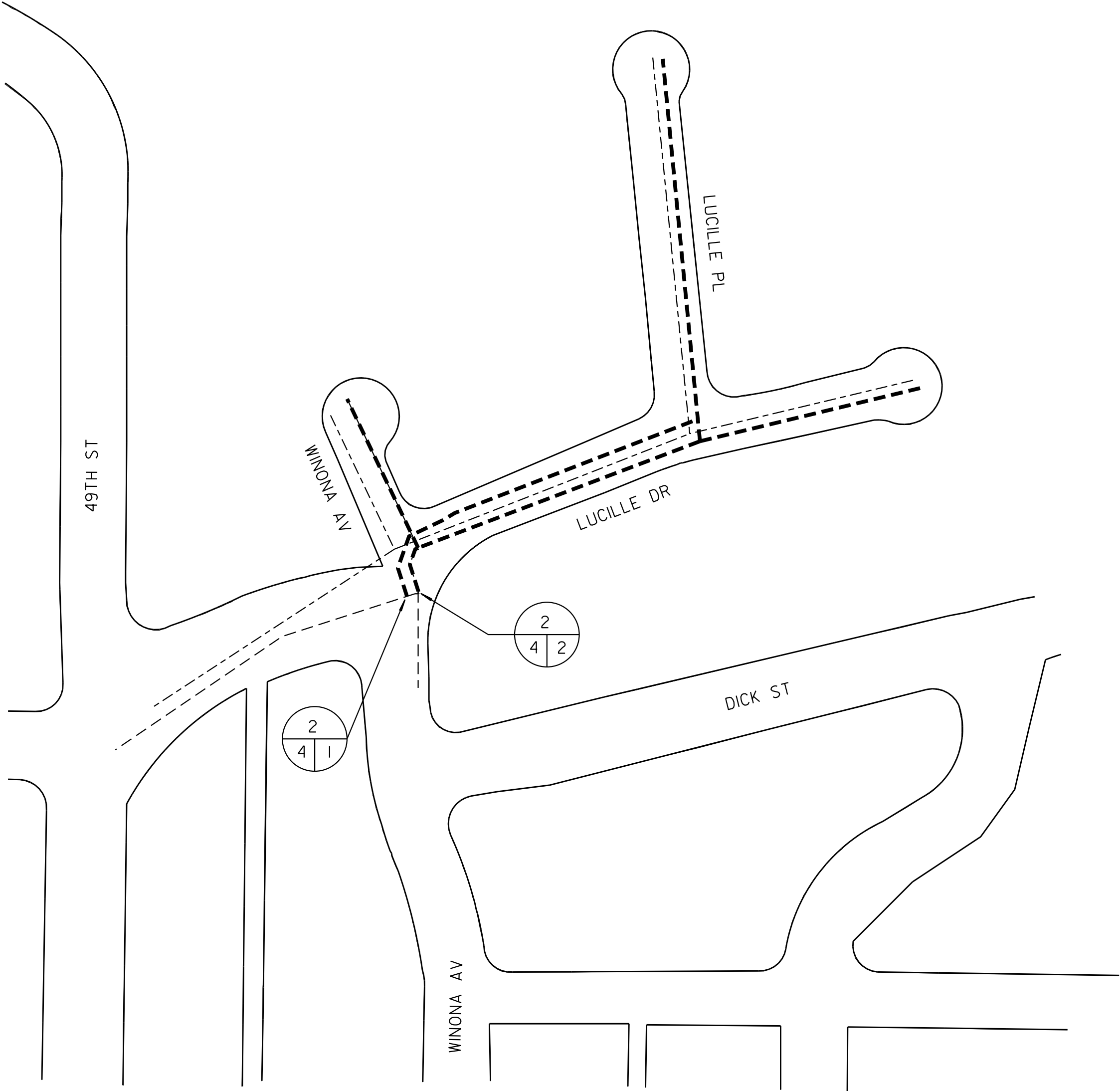
BC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT, OPEN VALVE(S)
- 2

BC - CUT & PLUG
AC - RECONNECT
- 3

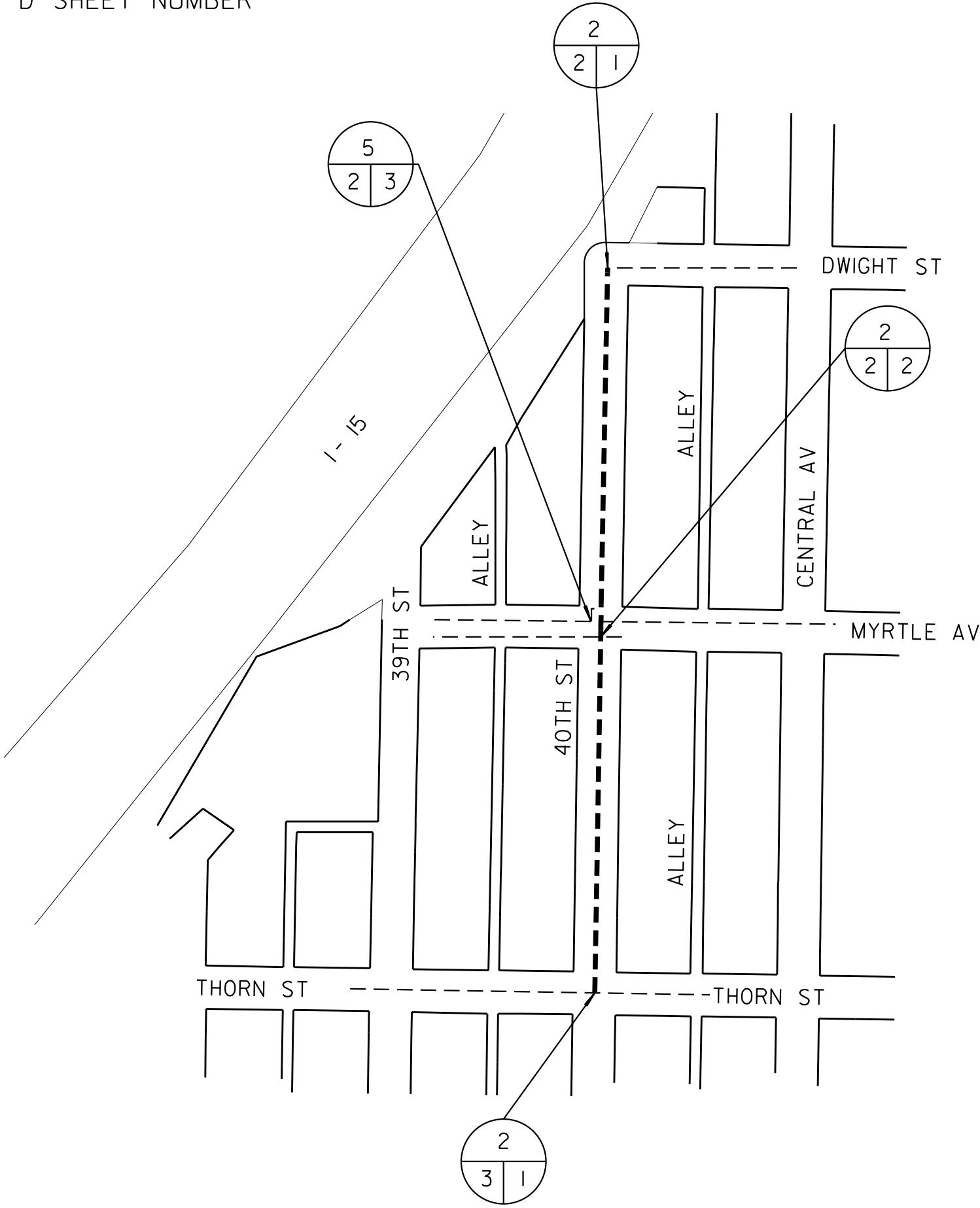
BC - CUT AND ABANDON
- 4

AC - WET TAP
- 5

BC - CLOSE EX. VALVE (REPLACE IF NEEDED)
AC - OPEN EX. VALVE



NO SCALE



C-10

WORK BY CITY FORCES
WATER AND SEWER MAIN REPLACEMENT
GROUP JOB 956

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 11 OF 12 SHEETS

FOR CITY ENGINEER

DATE 11/05/12

WATER WBS B-11153
SEWER WBS B-11151
SUBMITTED BY
JERICHO GALLARDO
ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	YB/AV			

CHECKED BY
YOUSIF BENYAMIN
PROJECT ENGINEER

-
CCS27 COORDINATE

-
CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____
36602-11-D

HORIZONTAL ALIGNMENT COORDINATE INDEX REPORT

SHEET 2 TO 3 (40TH STREET)

HORIZONTAL ALIGNMENT: SHEET 2 TO 3 (40TH STREET)
HORIZONTAL DESCRIPTION: 40TH STREET (WATER ALIGNMENT)
HORIZONTAL STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (I01)	I+00.00	1851588.36
PI (I02)	6+33.00	1851055.42
TANGENTIAL DIRECTION:	3.16	6297402.84
TANGENTIAL LENGTH:	533.01	6297393.60

ELEMENT: LINEAR		
PI (I02)	6+33.00	1851055.42
PI (I03)	7+34.00	1850954.69
TANGENTIAL DIRECTION:	3.16	6297393.60
TANGENTIAL LENGTH:	100.75	6297391.86

ELEMENT: LINEAR		
PI (I03)	7+34.00	1850954.69
PI (I04)	7+78.30	1850910.16
TANGENTIAL DIRECTION:	3.16	6297391.86
TANGENTIAL LENGTH:	44.54	6297391.09

ELEMENT: LINEAR		
PI (I04)	7+78.30	1850910.16
PI (I05)	8+62.00	1850826.47
TANGENTIAL DIRECTION:	3.16	6297391.09
TANGENTIAL LENGTH:	83.70	6297389.64

ELEMENT: LINEAR		
PI (I05)	8+62.00	1850826.47
PI (I06)	13+23.00	1850365.54
TANGENTIAL DIRECTION:	3.16	6297389.64
TANGENTIAL LENGTH:	461.00	6297381.65

ELEMENT: LINEAR		
PI (I06)	13+23.00	1850365.54
POE (I07)	14+54.22	1850234.34
TANGENTIAL DIRECTION:	3.16	6297381.65
TANGENTIAL LENGTH:	131.22	6297379.38

SHEET 2 (LINE 'A' AT 40TH STREET)

HORIZONTAL ALIGNMENT: SHEET 2 (LINE 'A')
HORIZONTAL DESCRIPTION: 40TH STREET (WATER ALIGNMENT)
HORIZONTAL STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (I03)	I+00.00	1850954.69
PI (I08)	I+13.31	1850954.93
TANGENTIAL DIRECTION:	4.73	6297391.86
TANGENTIAL LENGTH:	13.31	6297379.21

ELEMENT: LINEAR		
PI (I08)	I+13.31	1850954.93
POE (I09)	I+32.85	1850935.40
TANGENTIAL DIRECTION:	3.15	6297379.21
TANGENTIAL LENGTH:	19.54	6297379.03

SHEET 4 (LOOP CONNECTION)

ALIGNMENT NAME: SHEET 4
ALIGNMENT DESCRIPTION: LUCILLE DR (LOOP)
ALIGNMENT STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (II0)	I+00.00	1859536.97
PI (III)	I+28.00	1859563.11
TANGENTIAL DIRECTION:	5.97	6304060.31
TANGENTIAL LENGTH:	28.00	6304051.90

ELEMENT: LINEAR		
PI (III)	I+28.00	1859563.11
PI (II2)	I+58.37	1859592.25
TANGENTIAL DIRECTION:	0.34	6304051.90
TANGENTIAL LENGTH:	30.93	6304062.22

ELEMENT: LINEAR		
PI (II2)	I+58.37	1859592.25
PI (II3)	I+61.37	1859593.54
TANGENTIAL DIRECTION:	1.13	6304062.22
TANGENTIAL LENGTH:	3.00	6304064.92

ELEMENT: LINEAR		
PI (II3)	I+61.37	1859593.54
PI (II4)	I+92.83	1859607.09
TANGENTIAL DIRECTION:	1.13	6304064.92
TANGENTIAL LENGTH:	31.46	6304093.32

ELEMENT: LINEAR		
PI (II4)	I+92.83	1859607.09
PI (II5)	2+05.78	1859613.75
TANGENTIAL DIRECTION:	1.03	6304093.32
TANGENTIAL LENGTH:	12.95	6304104.42

ELEMENT: LINEAR		
PI (II5)	2+05.78	1859613.75
PI (II6)	4+42.73	1859699.33
TANGENTIAL DIRECTION:	1.03	6304104.42
TANGENTIAL LENGTH:	236.96	6304325.50

ELEMENT: LINEAR		
PI (II6)	4+42.73	1859699.03
POE (II7)	4+45.72	1859699.33
TANGENTIAL DIRECTION:	1.47	6304325.50
TANGENTIAL LENGTH:	2.99	6304328.47

SHEET 4 (WINONA AV)

HORIZONTAL ALIGNMENT: SHEET 4
HORIZONTAL DESCRIPTION: WINONA AV
HORIZONTAL STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (II3)	I+00.00	1859581.61
POE (II8)	2+52.03	1859718.83
TANGENTIAL DIRECTION:	5.84	6304070.61
TANGENTIAL LENGTH:	152.03	6304005.14

SHEET 5

HORIZONTAL ALIGNMENT: SHEET 5
HORIZONTAL DESCRIPTION: LUCILLE PLACE
HORIZONTAL STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (II9)	I+00.00	1859679.94
PI (I20)	I+02.97	1859682.81
TANGENTIAL DIRECTION:	6.02	6304330.85
TANGENTIAL LENGTH:	2.97	6304330.07

ELEMENT: LINEAR		
PI (I20)	I+02.97	1859682.81
PI (II7)	I+19.57	1859699.33
TANGENTIAL DIRECTION:	6.19	6304330.07
TANGENTIAL LENGTH:	16.59	6304328.47

ELEMENT: LINEAR		
PI (II7)	I+19.57	1859699.33
PI (I21)	I+63.37	1859742.93
TANGENTIAL DIRECTION:	6.19	6304328.47
TANGENTIAL LENGTH:	43.81	6304324.22

ELEMENT: LINEAR		
PI (I21)	I+63.37	1859742.93
POE (I22)	4+54.00	1860032.17
TANGENTIAL DIRECTION:	6.19	6304324.22
TANGENTIAL LENGTH:	290.63	6304296.07

SHEET 6

ALIGNMENT NAME: SHEET 6
ALIGNMENT DESCRIPTION: LUCILLE DR (WATER CONNECTION)
ALIGNMENT STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (I23)	I+00.00	1859539.33
PI (I24)	I+02.88	1859542.21
TANGENTIAL DIRECTION:	0.00	6304070.61
TANGENTIAL LENGTH:	2.88	6304070.61

ELEMENT: LINEAR		
PI (I24)	I+02.88	1859542.21
PI (I25)	I+28.13	1859566.27
TANGENTIAL DIRECTION:	5.97	6304070.61
TANGENTIAL LENGTH:	25.25	6304062.93

ELEMENT: LINEAR		
PI (I25)	I+28.13	1859566.27
PI (I26)	I+43.05	1859580.32
TANGENTIAL DIRECTION:	0.34	6304062.93
TANGENTIAL LENGTH:	14.91	6304067.90

ELEMENT: LINEAR		
PI (I26)	I+43.05	1859580.32
POE (I27)	I+46.05	1859581.61
TANGENTIAL DIRECTION:	1.13	6304067.90
TANGENTIAL LENGTH:	3.00	6304070.61

ELEMENT: LINEAR		
POB (I27)	I+46.05	1859581.61
PC (I28)	3+65.33	1859663.81
TANGENTIAL DIRECTION:	1.19	6304070.61
TANGENTIAL LENGTH:	219.28	6304273.90

ELEMENT: LINEAR		
PT (I28)	3+65.33	1859663.81
PC (II9)	4+24.02	1859679.94
TANGENTIAL DIRECTION:	1.29	6304273.90
TANGENTIAL LENGTH:	58.69	6304330.85

ELEMENT: LINEAR		
PT (II9)	4+24.02	1859679.94
POE (I29)	6+32.76	1859728.80
TANGENTIAL DIRECTION:	1.33	6304330.85
TANGENTIAL LENGTH:	208.74	6304533.28

SHEET 7

ALIGNMENT NAME: SHEET 7
ALIGNMENT DESCRIPTION: LUCILLE DR (SEWER)
ALIGNMENT STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (I30)	I+00.00	1859580.40
PI (I31)	3+92.28	1859686.84
TANGENTIAL DIRECTION:	1.20	6304048.71
TANGENTIAL LENGTH:	292.28	6304320.92

ELEMENT: LINEAR		
PI (I31)	3+92.28	1859686.84
POE (I32)	6+06.41	1859736.59
TANGENTIAL DIRECTION:	1.34	6304320.92
TANGENTIAL LENGTH:	214.13	6304529.18

SHEET 7 (WINONA AVE)

HORIZONTAL ALIGNMENT: SHEET 7
HORIZONTAL DESCRIPTION: WINONA AVE (SEWER)
HORIZONTAL STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (I30)	I+00.00	1859580.40
POE (I33)	2+36.75	1859703.82
TANGENTIAL DIRECTION:	5.84	6304048.71
TANGENTIAL LENGTH:	136.75	6303989.82

SHEET 8

HORIZONTAL ALIGNMENT: SHEET 8
HORIZONTAL DESCRIPTION: LUCILLE DR (SEWER)
HORIZONTAL STYLE: DEFAULT

STATION	NORTHING	EASTING
ELEMENT: LINEAR		
POB (I31)	I+00.00	1859686.84
POE (I34)	4+50.60	1860035.76
TANGENTIAL DIRECTION:	6.19	6304320.92
TANGENTIAL LENGTH:	350.60	6304286.65

WATER & SEWER GROUP JOB 956

HORIZONTAL ALIGNMENT COORDINATE INDEX REPORT

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 12 OF 12 SHEETS					WATER WBS SEWER WBS	B111513 B111511
FOR CITY ENGINEER					DATE	11/05/12
DESCRIPTION					BY	YB/AV
ORIGINAL					APPROVED	DATE
					FILMED	
CONTRACTOR					DATE STARTED	
INSPECTOR					DATE COMPLETED	
					CHECKED BY:	
					PROJECT ENGINEER	
					CCS27 COORDINATE	218-1737, 218-1743
					CCS83 COORDINATE	-
						36602-12-D

